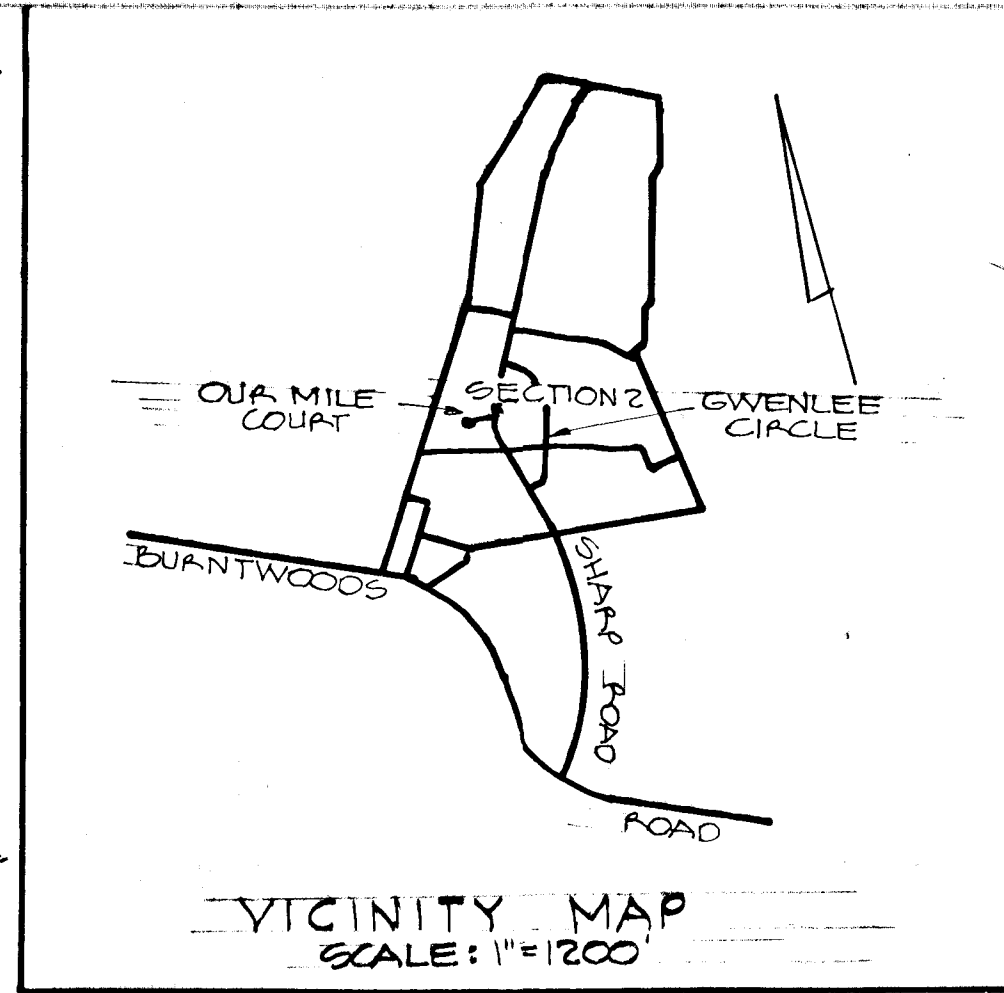


DEPARTMENT OF PUBLIC WORKS  
*B. H. Ireland* 7/8/75  
 CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING  
*J. N. Clement* 7/31/75  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

1. INSTALL EARTH DIKES, STONE FILTERS AND EXCAVATE TRAPS.
  2. STABILIZE ITEM No. 1 BY MULCHING.
  3. BEGIN GRADING IN ROADWAY TO ESTABLISH FINISHED GRADE.
  4. CONSTRUCT CURB & PAVEMENT.
  5. GRADE SIDE SLOPES 3:1.
  6. STABILIZE ACCORDING TO NOTE No. 9.
  7. SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTILL APPROVAL IS OBTAINED FROM HO. CO. SOIL CONSERVATION DISTRICT.
  8. TEMPORARY STABILIZATION APPLY 2000 LBS./AC OR 46 LBS./SQ. FT. OF PULVERIZED DOLOMITIC LIMESTONE, 500 LBS./AC OR 11.5 LBS./1000 SQ. FT. OR 5-5-5 FERTILIZER, PLANT TO RYEGRASS AT 40 LBS./AC. FERTILIZER WITH 5-10-10 AND MULCH WITH STRAW AT 1/2 TONS/AC.
  9. PERMANENT STABILIZATION SLOPES FLATTER THAN 3:1 APPLY 2000 LBS./AC OF PULVERIZED DOLOMITIC LIMESTONE 700 LBS. ACRE OF 0-20-0 SUPER PHOSPHATE, 1000 LBS./AC. OF 5-10-10 FERTILIZER, SEED 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE 40 LBS./AC. OF KENTUCKY BLUEGRASS 25 LBS./AC. OF ANNUAL RYEGRASS.
- MULCH AS STATED ON THIS SHEET
10. UPON COMPLETION PAVING ROAD THE OUTLET DITCH FROM THE TEE TURNAROUND WILL BE GRADED TO A 1% SLOPE BY FILLING IN THE TRAP AND REMOVING THE STONE & DIKE THE TOTAL DISTANCE WILL THAN BE SEED & MULCHED PER No. 9.

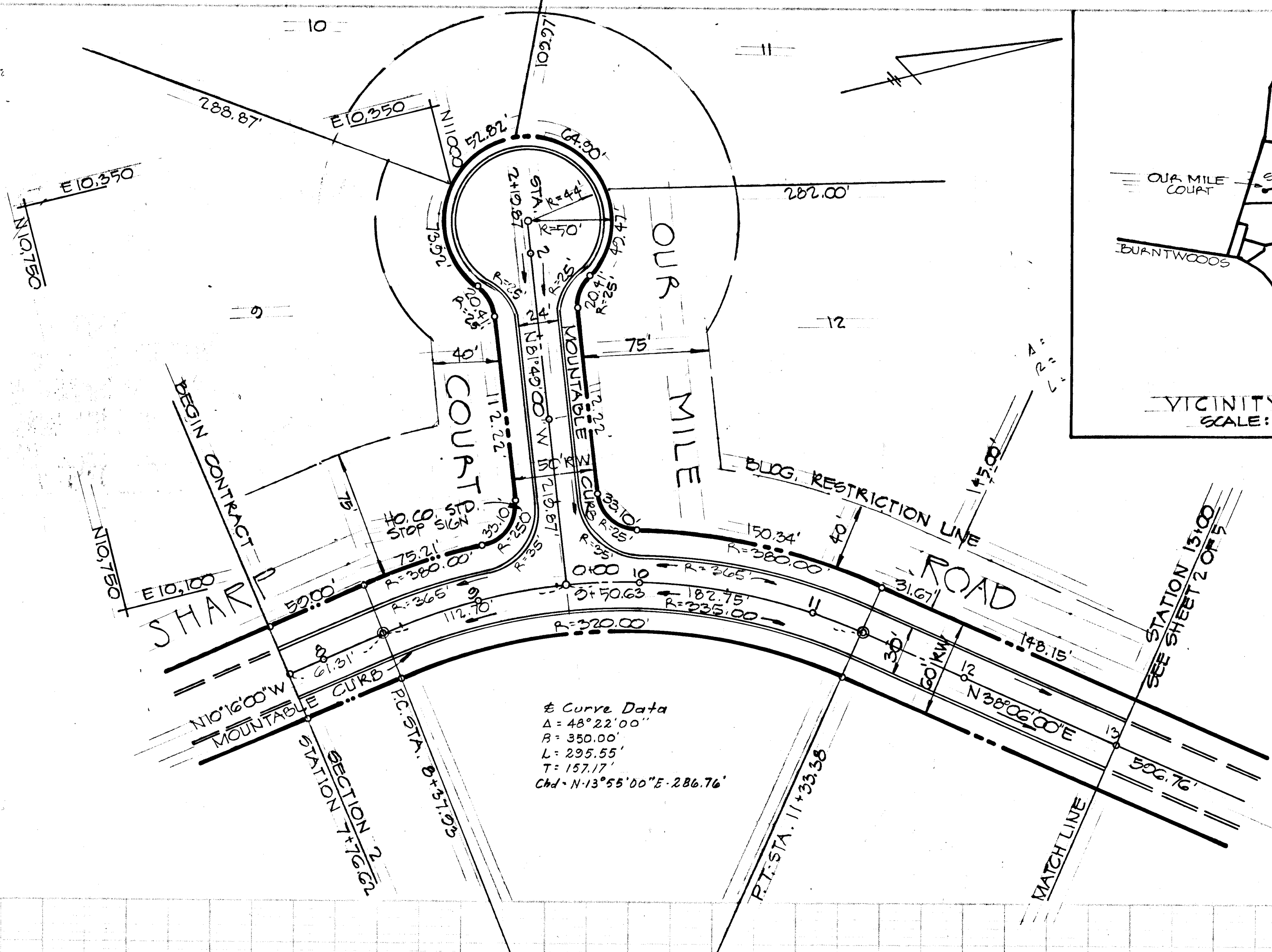


REVIEWED HOWARD S.C.D.  
 & MEETS TECHNICAL REQUIREMENTS.

Eric H. Merriam 6/30/75  
 US SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HO. CO. SOIL CONSERVATION DISTRICT.

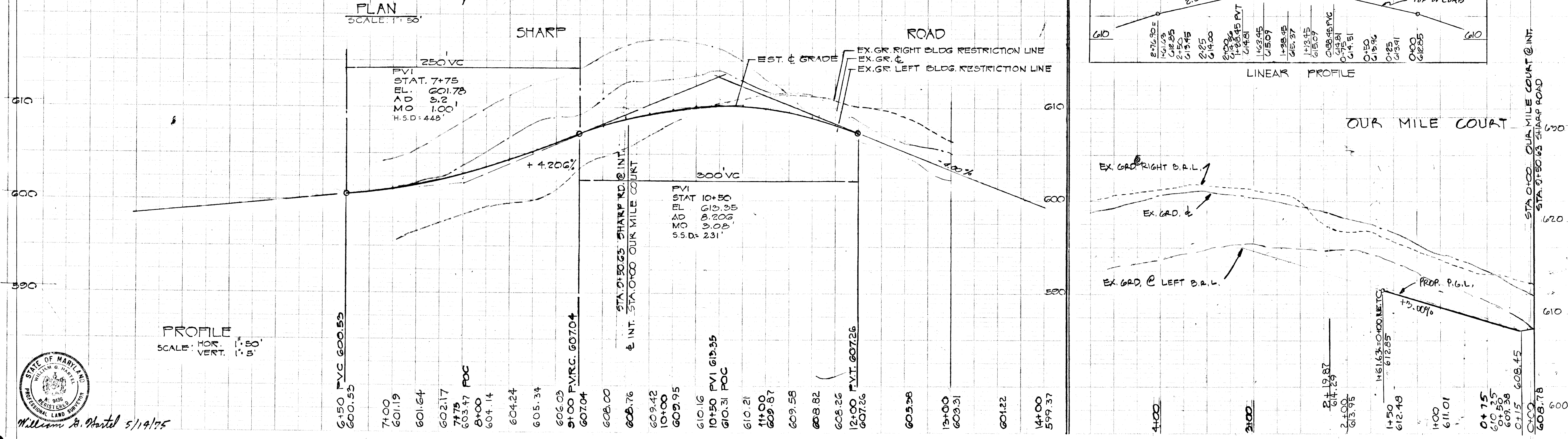
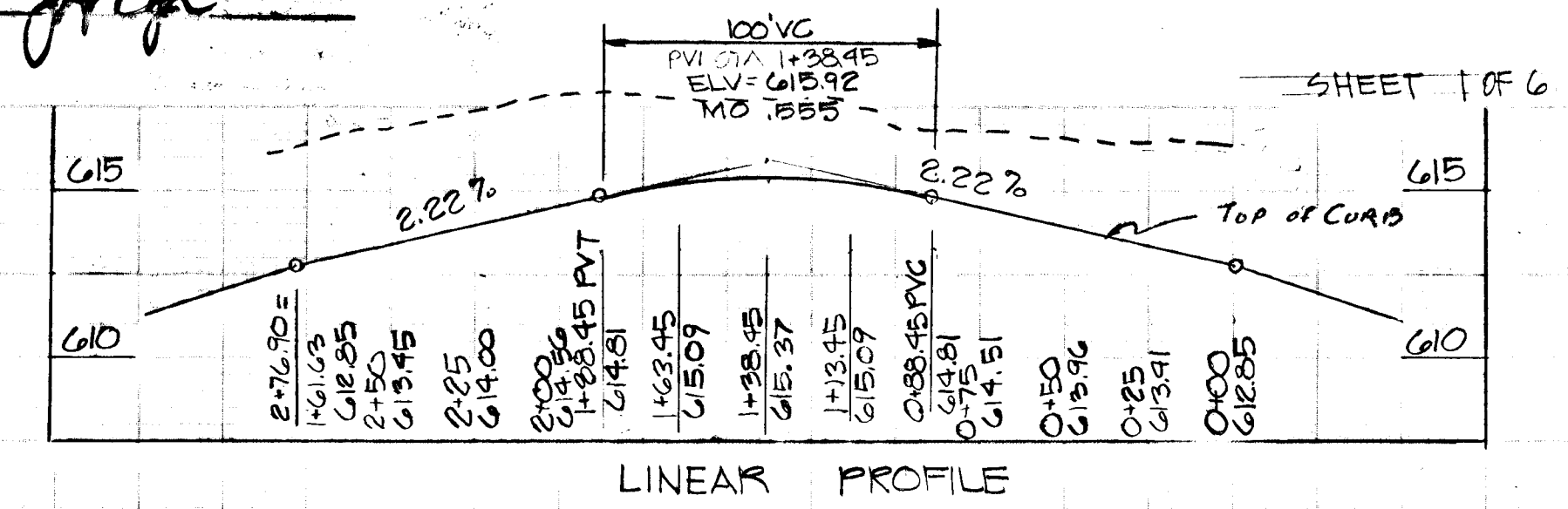
Robert J. Ziemer 6/30/75  
 HO. CO. CONSERVATION DISTRICT DATE



APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 7/1/75

PLAN AND PROFILE OF SHARP ROAD  
 "GWENLEE ESTATES"  
 SECTION 2  
 4TH ELECTION DISTRICT  
 SCALE: AS SHOWN  
 OWNER: DEVELOPER  
 W. L. BOYD  
 OLD ROVER ROAD  
 GLENWOOD, MD.

HO. COUNTY, MD.  
 OCT. 16, 1974  
 ENGINEER  
 BOENDER ASSOCIATES  
 8726 TOWN & COUNTRY  
 BLVD  
 ELLICOTT CITY, MD 21043



STATE OF MARYLAND  
 WILLIAM A. HARTZ 5/14/75

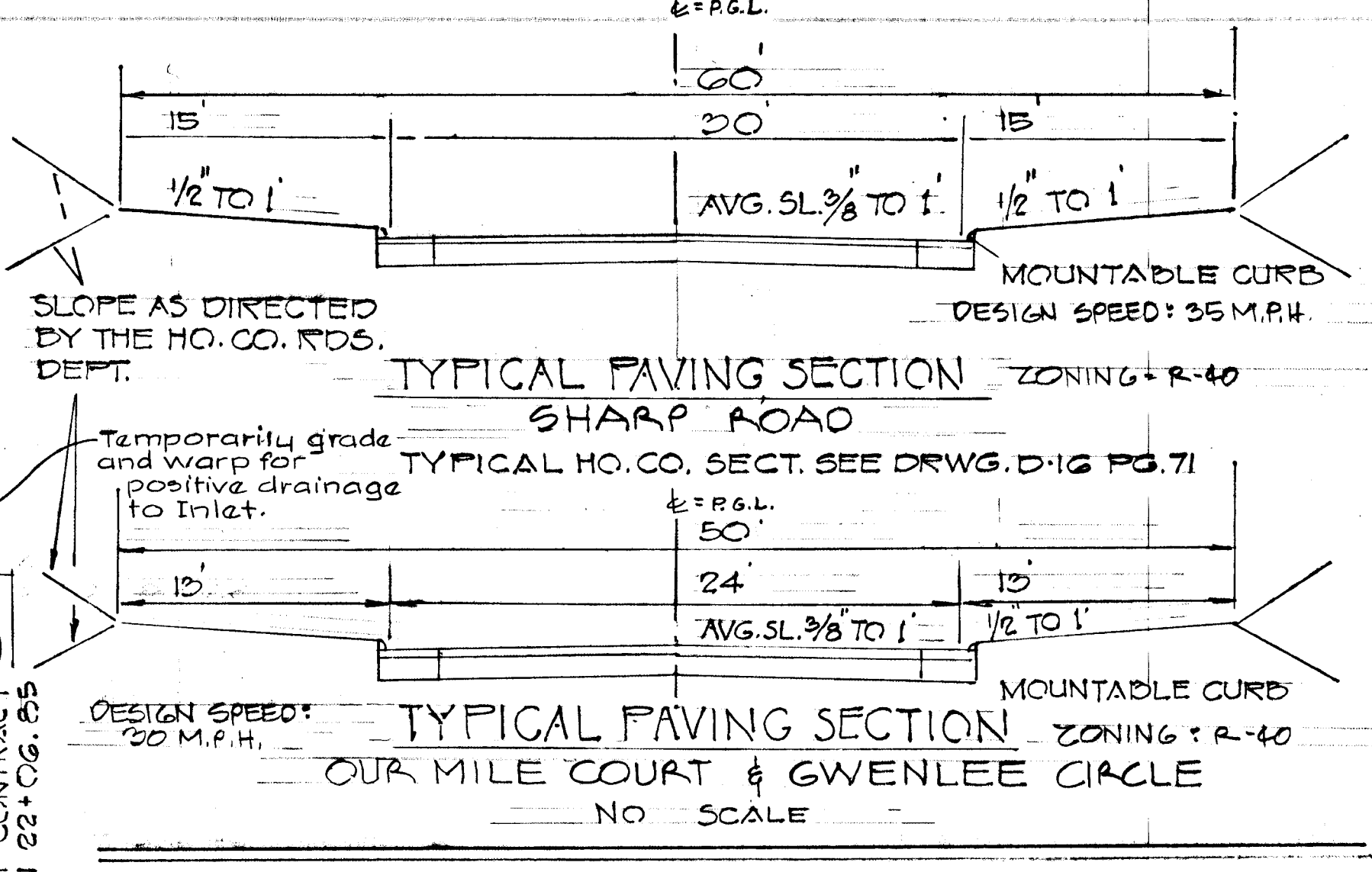
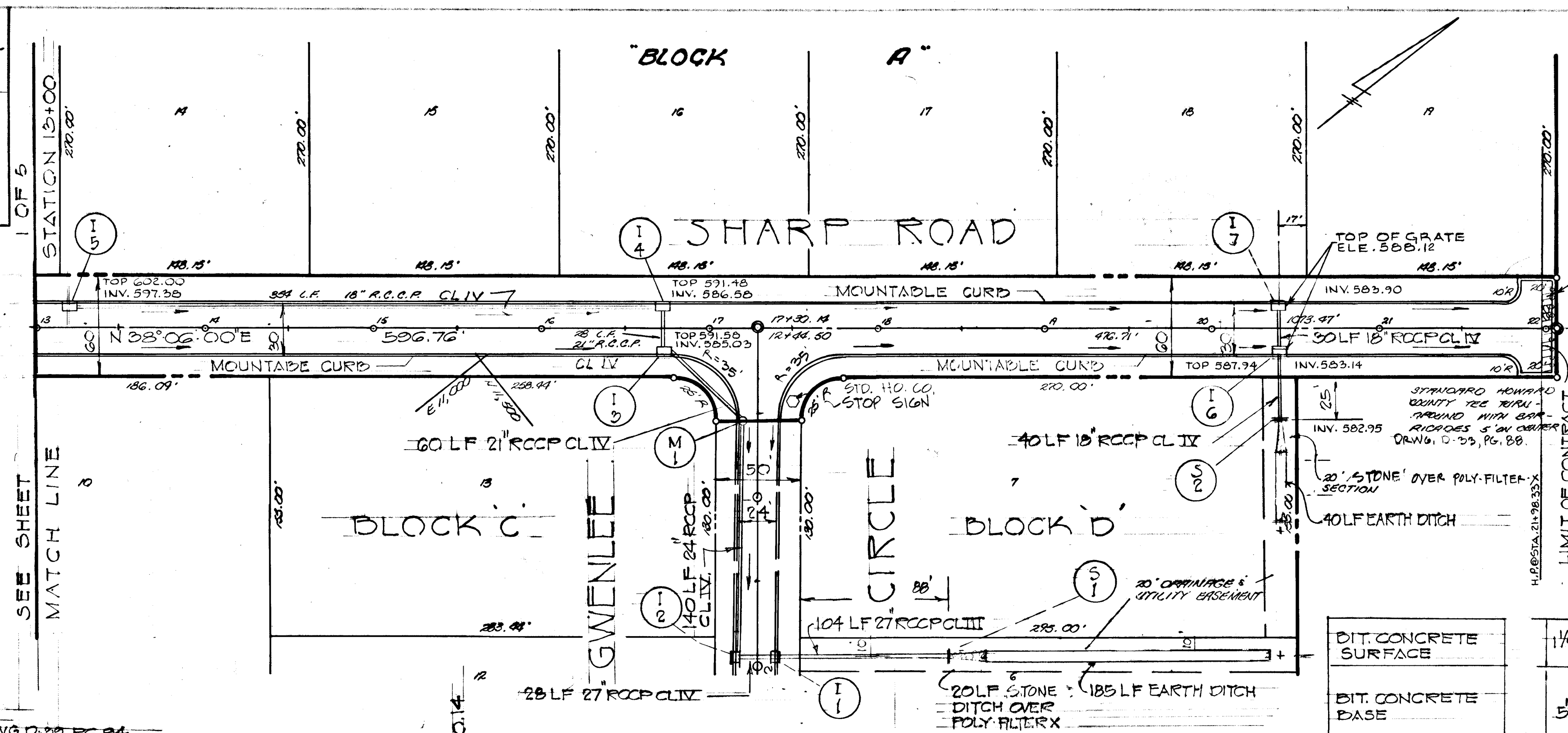


DEPARTMENT OF PUBLIC WORKS  
*J. P. Behrend* 7/8/75  
 CHIEF, SURVEY OF HIGHWAYS OFFICE

OFFICE OF PLANNING & ZONING  
*J. H. Cloumont* 7/3/75  
 CHIEF, DIVISION OF LAND DEVELOP-  
 MENT & TRANSPORTATION PLANNING OFFICE

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE *July*

HQ. CO. MOUNTABLE CURB  
 SEE HQ. CO. STD. DETAILS DRWG. D-20 PG. 94



PLAN AND PROFILE OF SHARP ROAD  
 GWENLEE ESTATES  
 SECTION 2  
 4TH. ELECTION DISTRICT  
 SCALE: AS SHOWN  
 OWNER: DEVELOPER  
 W.L. BOGARD  
 OLD ROVER ROAD  
 GLENWOODS, MD.  
 ENGINEER  
 BOENDER ASSOCIATES  
 8726 TOWN & COUNTRY  
 BLVD.  
 ELLICOTT CITY, MD. 21042

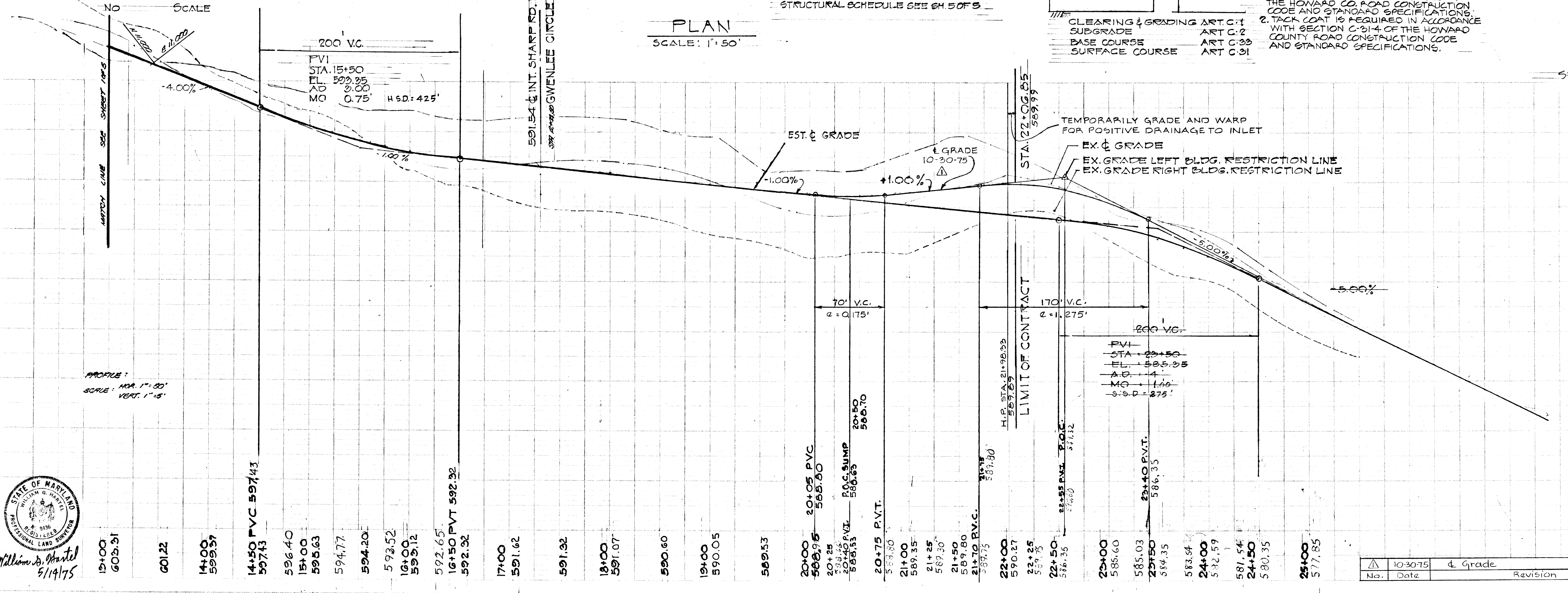
- DIT. CONCRETE SURFACE
- BIT. CONCRETE BASE
- 1 1/2\"/>
- 5\"/>

- 1 1/2\"/>
- 5\"/>

1. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-20-3 AS PROVIDED IN THE HOWARD CO. 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 SPECIFICATIONS.

NOTE: FOR STORM DRAIN SYSTEM  
 STRUCTURAL SCHEDULE SEE GH 5 OF 5

PLAN  
 SCALE: 1\"/>



PROFILE:  
 HOR. 1\"/>

STATE OF MARYLAND  
 WILLIAM G. HART  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
*William G. Hartel*  
 5/14/75

10-3075	4 Grade	
No.	Date	Revision

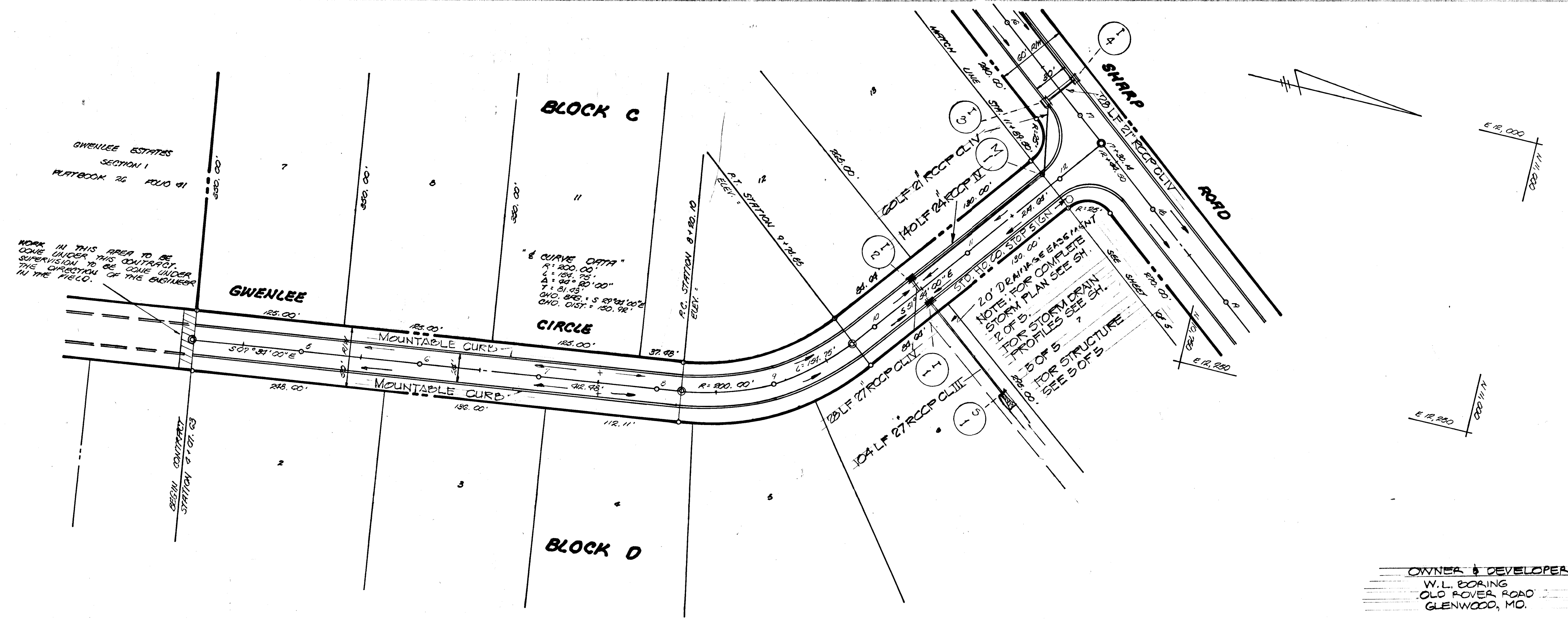
AS BUILT 6-29-76

F-75-50



DEPARTMENT OF PUBLIC WORKS  
*D. H. Russell* 7/8/75  
 CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING & ZONING  
*J. H. Clauson* 7/8/75  
 CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE



APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HONNARD COUNTY, MARYLAND  
 DATE *JAC*

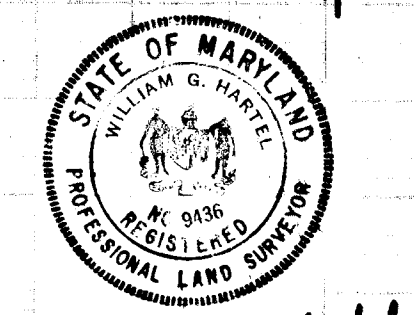
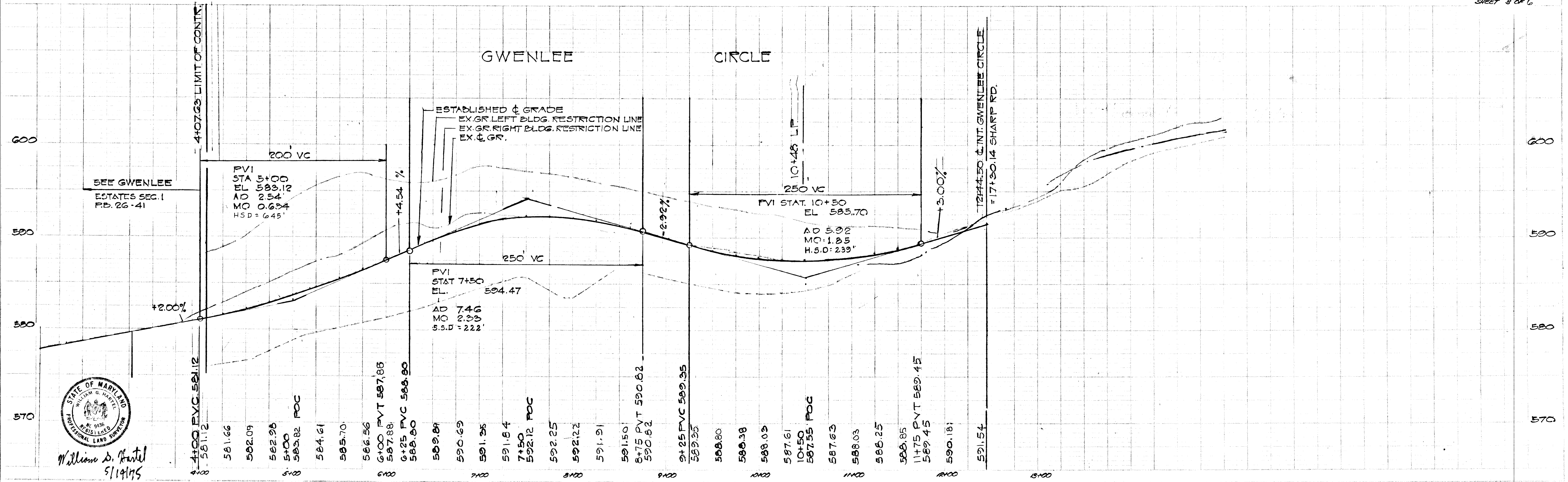
PLAN & PROFILE OF GWENLEE CIRCLE  
 STATION 4+01.63 TO 12+44.50  
 "GWENLEE ESTATES"  
 SECTION 2

3 RD & 4 TH ELECTION DISTRICT DATE: OCTOBER 1975  
 HONNARD COUNTY, MARYLAND SCALE: AS SHOWN

OWNER & DEVELOPER  
 W. L. BORING  
 OLD ROVER ROAD  
 GLENWOOD, MO.

ENGINEER  
 POENDER ASSOCIATES, INC.  
 8726 TOWN & COUNTY BLVD  
 ELLICOTT CITY, MD. 21043

SHEET 3 OF 6



William D. Hartzel  
 5/19/75

AS-BUILT 6-29-76

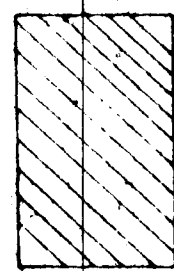
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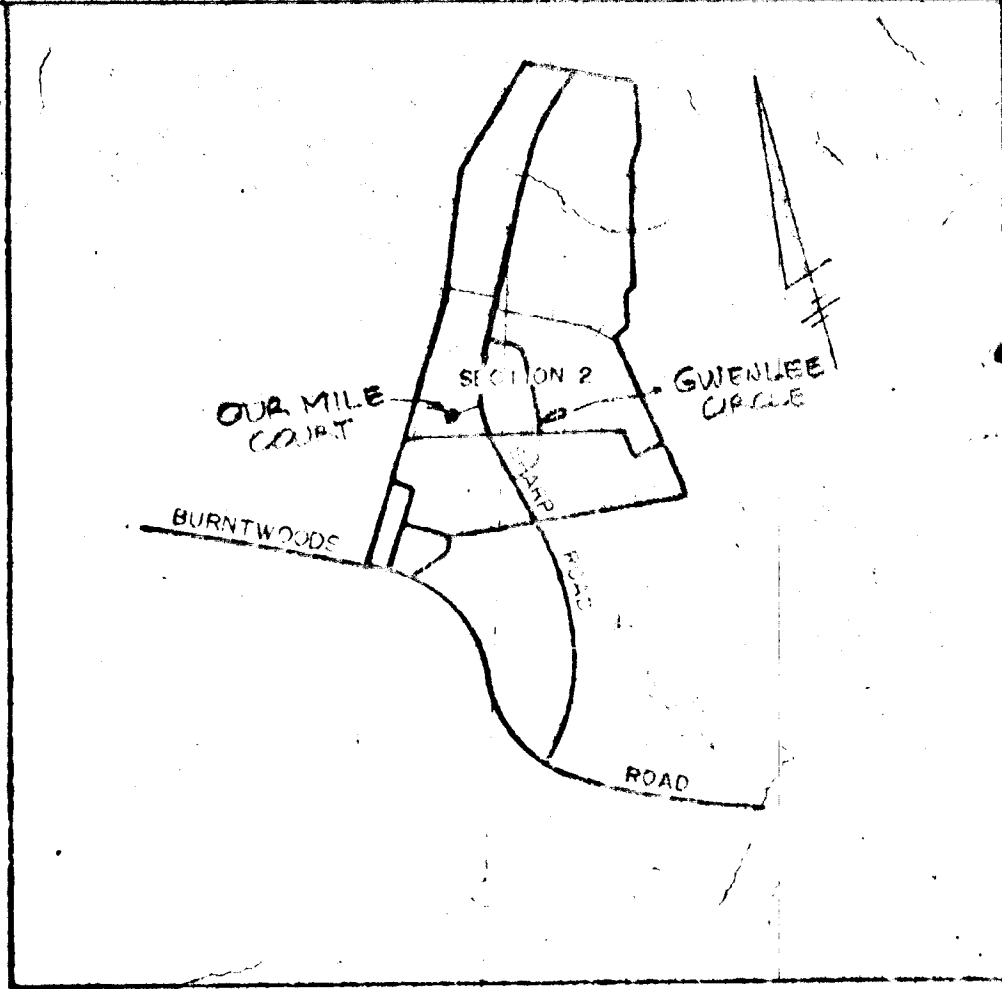
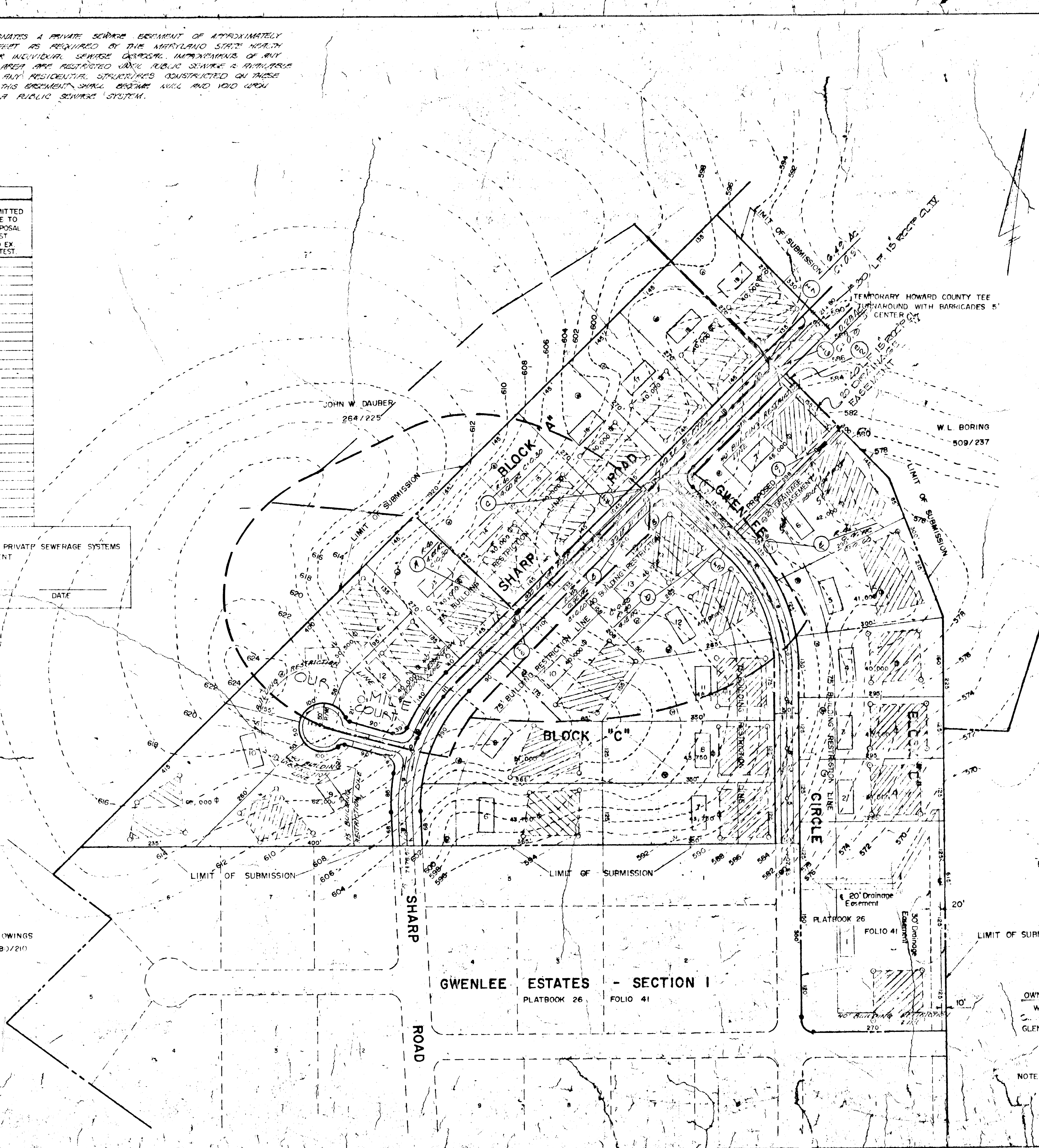


THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE HEALTH DEPARTMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA. RESTRICTIONS ON PUBLIC SEWER SERVICE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM.

PERCOLATION TEST DATA		
LOT NO	AVERAGE PERC. TIME IN MIN. FOR 2nd INCH	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEV. WITH REF. TO EX. GRADE AT TIME OF TEST
BLOCK		
9		
10		
11		
12		
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: \_\_\_\_\_ DATE: \_\_\_\_\_



VICINITY MAP

DEPARTMENT OF PUBLIC WORKS  
*D. P. McKeand* 7/8/75  
 CHIEF, BUREAU OF HIGHWAYS DATE  
 OFFICE OF PLANNING AND ZONING  
*W. Clement* 7/13/75  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

- GENERAL NOTES:
- 1) PRESENT ZONING R-40
  - 2) PROPOSED ZONING R-40
  - 3) MINIMUM LOT SIZE 40,000 SQ. FT.
  - 4) PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS TO BE UTILIZED
  - 5) ALL LOTS COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH REGULATIONS
  - 6) TOTAL NO. OF LOTS 26
  - 7) TOTAL AREA OF SUBMITTAL - 42.0 ACRES
  - 8) TOTAL AREA OF LOTS - 3.9 ACRES
  - 9) TOTAL AREA OF RIGHT OF WAY - 3 ACRES

NOTES:  
 1) CONTOURS SHOWN HEREON ARE BASED ON FIELD RUN TOPOGRAPHY JAN 1974

**DRAINAGE AREA MAP**  
**GWENLEE ESTATES**  
**SECTION 2**

OWNER & DEVELOPER  
 W.L. BORING  
 3RD & 4TH ELECTION DISTRICT  
 GLENWOOD, MARYLAND

3RD & 4TH ELECTION DISTRICT  
 DATE: OCTOBER 1973  
 HOWARD COUNTY, MD.  
 SCALE: 1" = 100'

NOTE: SEDIMENT CONTROL MEASURES WILL BE PROVIDED ON THE FINAL CONSTRUCTION DRAWINGS.



ENGINEERING  
 PLANNING  
 SURVEYING  
 BY  
**BOENDER ASSOCIATES, INC.**  
 ELLICOTT CITY, MD 21043  
 410-465-777



