

- NOTES:
- All sediment control measures to be adjusted to meet field conditions at the time of construction and be constructed prior to any grading or disturbance of existing surface material.
  - All sediment control measures shall be undertaken in strict accordance with approved plans and the criteria and specifications approved by Howard County Soil Conservation District.
  - Periodic inspection and maintenance of all sediment control structures must be provided to insure intended purpose is accomplished.
  - At the completion of each days work during grading operation, fill slopes will be protected at top of fill or install a system to direct surface run-off and potential sediment to the planned sediment control device.
  - Contractor installing the above shall obtain and follow the standards and specifications for soil erosion in urbanizing areas as distributed by Howard Co. Soil Conservation District 2061 Paltrow National Pike Ellicott City, Maryland 21043, telephone: 415-5000.
  - Sediment Control Device Class
    - Diversion ditches on perimeter of disturbed area.
    - Sediment Traps and adjacent berms.
    - Division dikes in conjunction with rough road grading.
    - Catch basins & dry well. See detail.

- SEQUENCE OF EVENTS:
- Install sediment control devices, A, B, C, & D.
  - Clear site in areas required to install sediment control devices.
  - Excavate top soil and use topsoil in the construction of diversion dikes.
  - Job grade and begin construction.
  - Install sediment control devices in excavated area in grading proceeds.
  - Stabilize all areas outside construction area as listed below.
  - Complete construction and paving.
  - Seed bed preparation:
    - On respread repaired topsoil add:
      - 2000# Ac pulverized dolomitic limestone
      - 500# Ac 0-20-0 superphosphate
      - 1000# Ac 10-10-10 fertilizer on equivalent
    - All harrowed to 3" depth.
  - TEMPORARY AND PERMANENT STABILIZING:
    - Stabilize all lawn areas of 3:1 slopes or less with 67/1000 Sq. Ft. Kentucky 31 Tall Fescue and 17/1000 Sq. Ft. Sericeo Lespedeza (inoculated). No slopes will be greater than 3:1.
    - Mulch all seeded areas with wheat straw or equivalent 1/2 - 2 tons/ac. Anchor with liquid asphalt.
  - Timing:
    - February 1 - May 1 or August 15 - November 1

PARKING:  
Number of spaces required = 23  
Number of spaces provided = 53

PROJECT SITE ANALYSIS:  
Area of parcel = 30 Ac.  
Present Zoning = M-2  
Total number of employees = 42  
Total floor space at each level = 15,850 Sq. Ft.

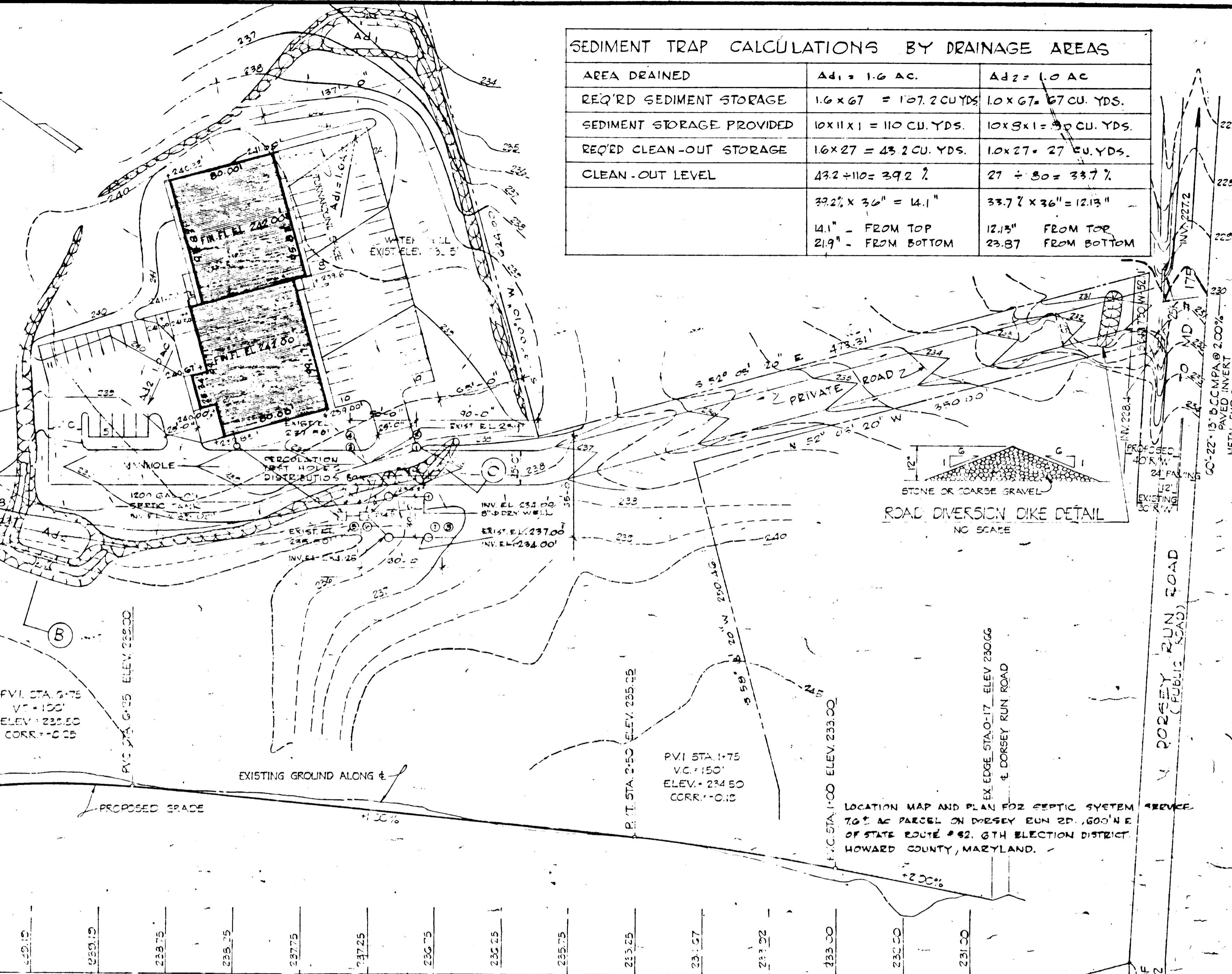
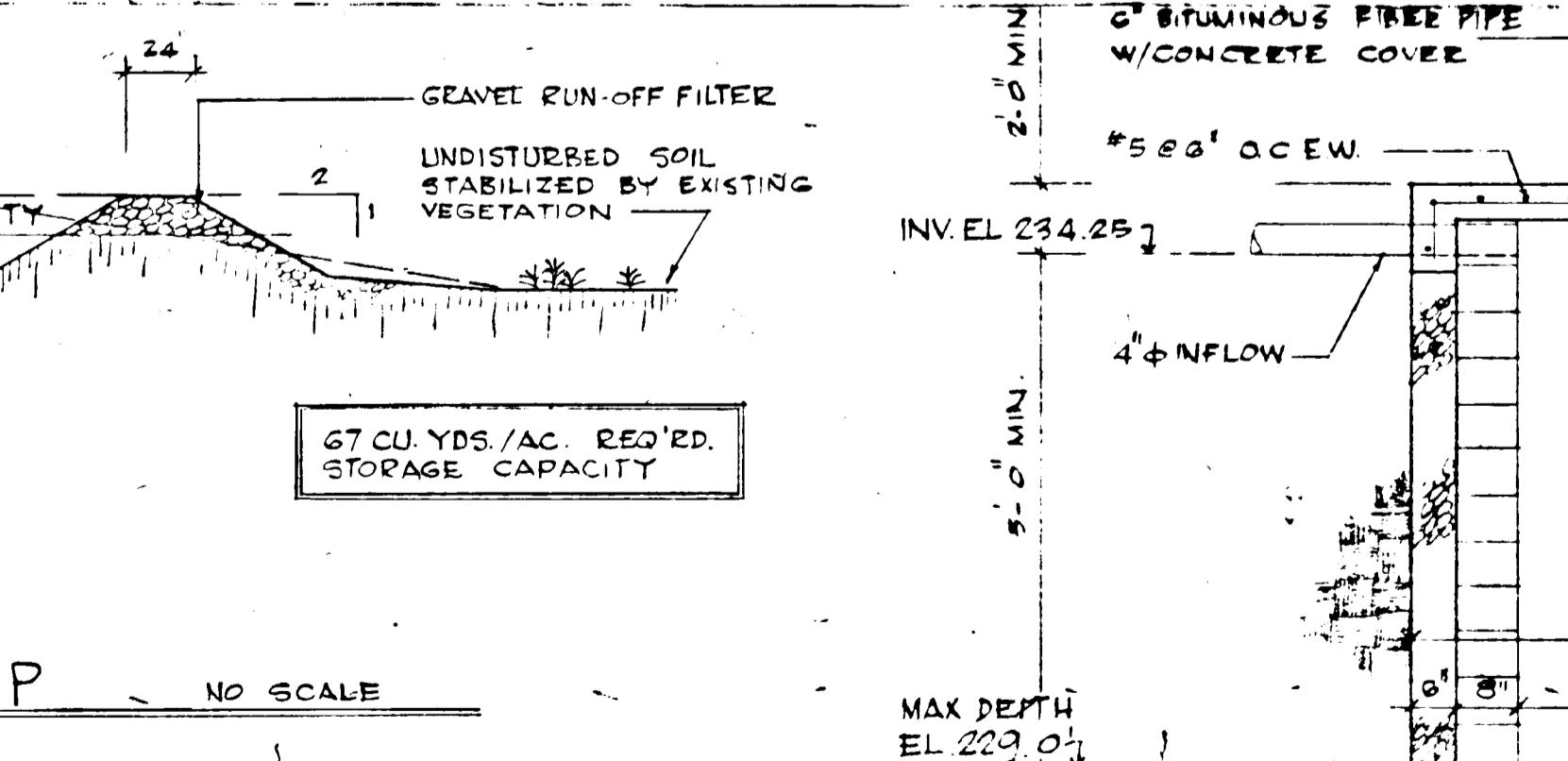
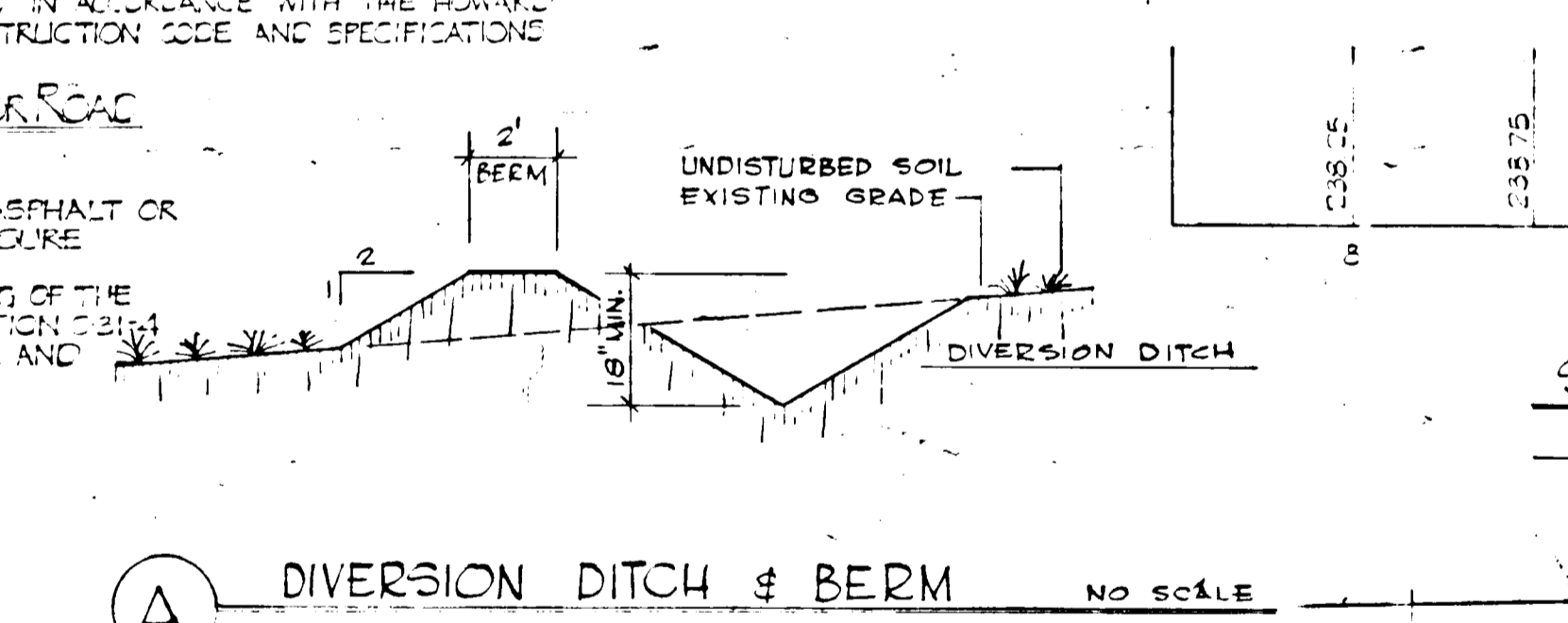
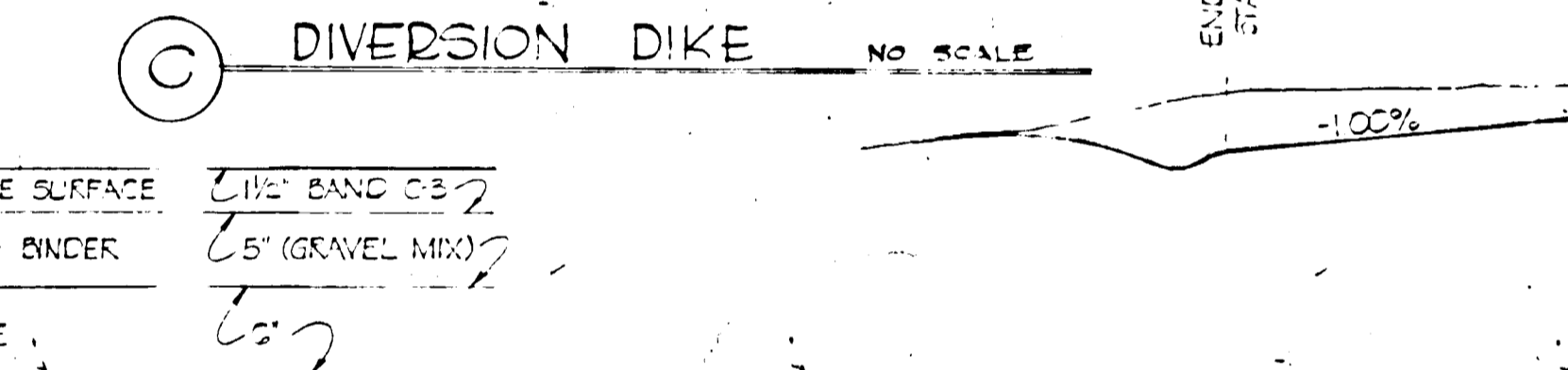
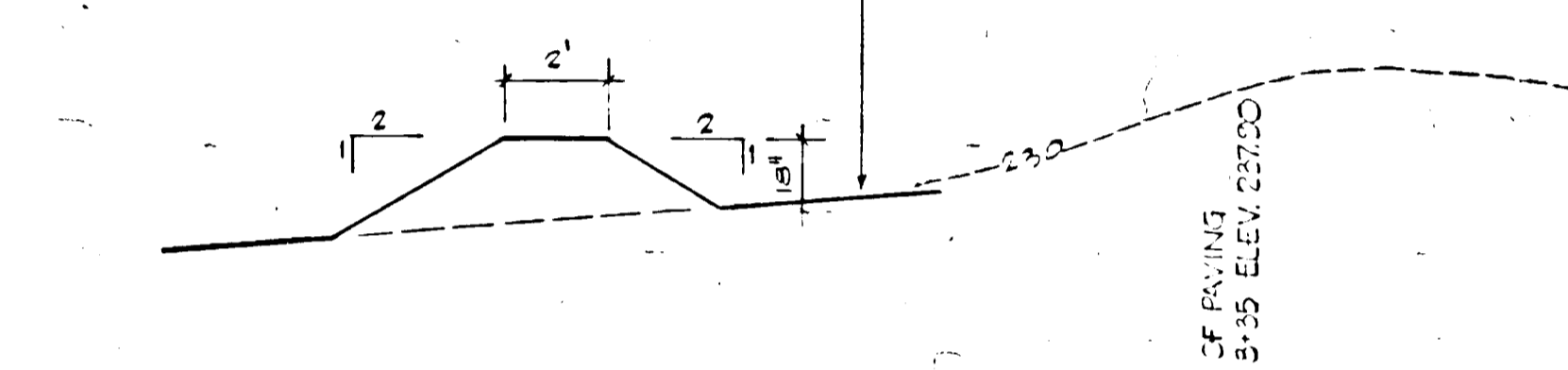
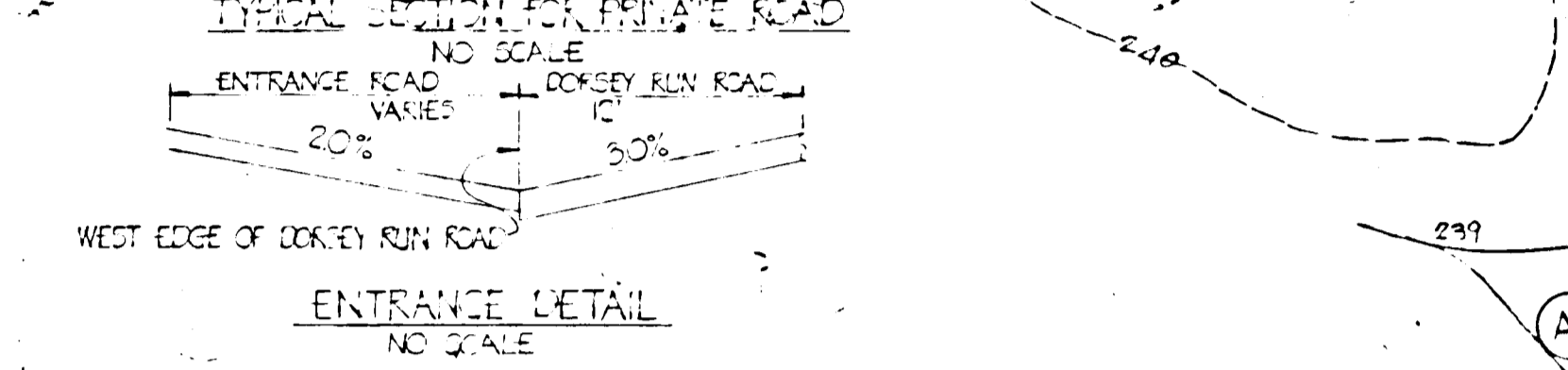
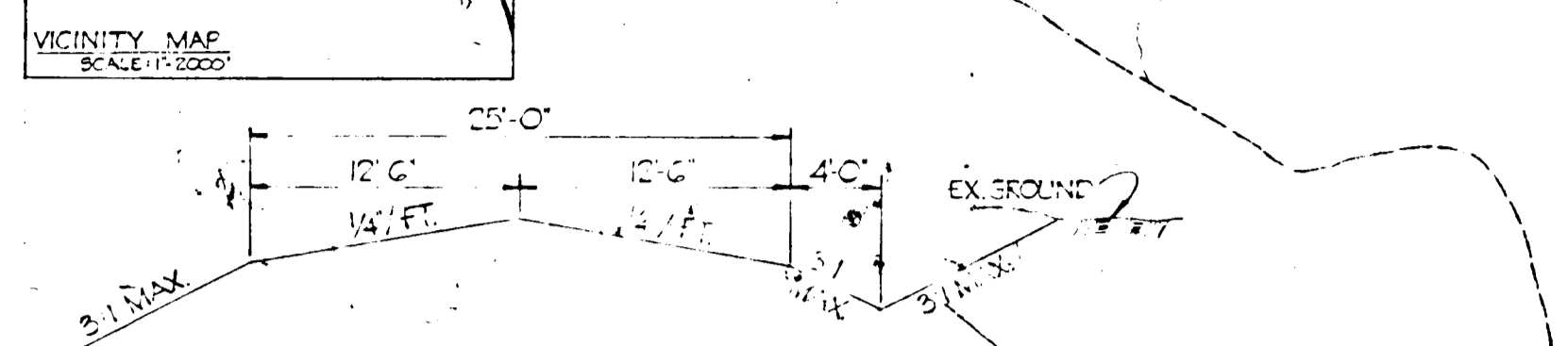
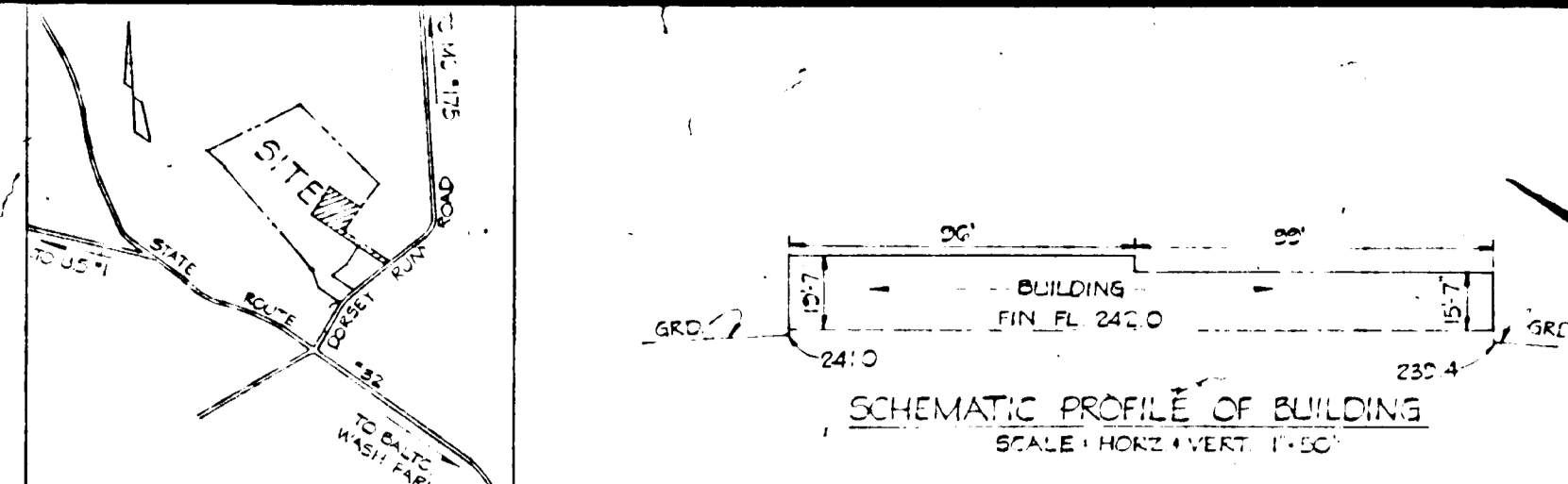
BIT. CONC. SURFACE 1/2" BAND C-37  
BIT. CONC. BINDER 1/2" (GRAVEL MIX)  
CRUSHER RUN BASE 1/2"

PAVING SECTION FOR PARKING LOTS  
NO SCALE

PAVING NOTES:  
1. BASE IS TO BE PRIMED TO GALLON OF MCH ASPHALT OR 5/10 GALLON RT 2 TAMPED FROM A PRESSURE DISTRIBUTOR.  
2. TACK COAT WILL BE REQUIRED AND THE PLACING OF THE TACK COAT WILL BE IN ACCORDANCE SECTION 23104 OF HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARDS SPECIFICATIONS.

NOTE:  
X TIME DENOTES PROOF IN WATER  
XX TIME LOGGED ON PERCUSSION TEST SHEET.

TEST NO	DEPTH	TIME
1	3/4"	2 MIN.
2	3"	3 MIN.
3	3/4"	1 MIN.
4	3/4"	3 MIN.
5	3/4"	4 MIN.
6	-	xx
7	4"	1 MIN.
8	-	xx



SEDIMENT TRAP CALCULATIONS BY DRAINAGE AREAS

AREA DRAINED	A <sub>d1</sub> = 1.6 AC.	A <sub>d2</sub> = 1.0 AC.
REQ'D SEDIMENT STORAGE	1.6 x 67 = 107.2 CU YDS.	1.0 x 67 = 67 CU. YDS.
SEDIMENT STORAGE PROVIDED	10 x 11 x 1 = 110 CU. YDS.	10 x 8 x 1 = 80 CU. YDS.
REQ'D CLEAN-OUT STORAGE	1.6 x 27 = 43.2 CU. YDS.	1.0 x 27 = 27 CU. YDS.
CLEAN-OUT LEVEL	43.2 ÷ 110 = 39.2 %	27 ÷ 80 = 33.7 %
	39.2% x 36" = 14.1"	33.7% x 36" = 12.13"
	14.1" - FROM TOP	12.13" FROM TOP
	21.9" - FROM BOTTOM	23.87 FROM BOTTOM

SEDIMENT CONTROL & SOIL EROSION PLAN  
SCALE: 1" = 50'

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 4/24/73

OWNER  
DIGI-DATA CORPORATION  
4315 BALTIMORE AVENUE  
BLADENSBURG, MARYLAND 20710

MARKWOOD CORPORATION  
805 RITCHIE HIGHWAY SE.  
PASADENA, MD.

SITE DEVELOPMENT PLAN  
SEDIMENT CONTROL & SOIL  
EROSION PLAN

DRAWN BY  
BG.  
SCALE  
AS NOTED

MACDONALD & ENGLEHART  
ARCHITECTS  
5418 OXON HILL ROAD  
OXON HILL MARYLAND

DATE 9/9/72  
REVISED  
4/2/73

SHEET NO.  
A.1  
7135 - F25

Reviewed for Howard Soil Conservation District and meets Technical Requirements.  
Charles E. Muller 5/9/73  
U.S. SOIL CONSERVATION SERVICE DATE

This document has been approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.  
APPROVED [Signature] 5/9/73  
HOWARD SOIL CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATION  
I certify that a 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 its authorized agents, as and deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.  
Wallace P. P... 4-26-73  
MARKWOOD CORPORATION DATE

APPROVED FOR PRIVATE WATER, PRIVATE SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
APPROVED [Signature] 6/16/73  
DIRECTOR DATE  
APPROVED [Signature] 6-19-73  
CHIEF BUREAU OF HIGHWAYS DATE

ARCHITECT CERTIFICATION:  
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.  
[Signature] DATE

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.  
[Signature] DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
[Signature] DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
PLANNING DIRECTOR [Signature] DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE