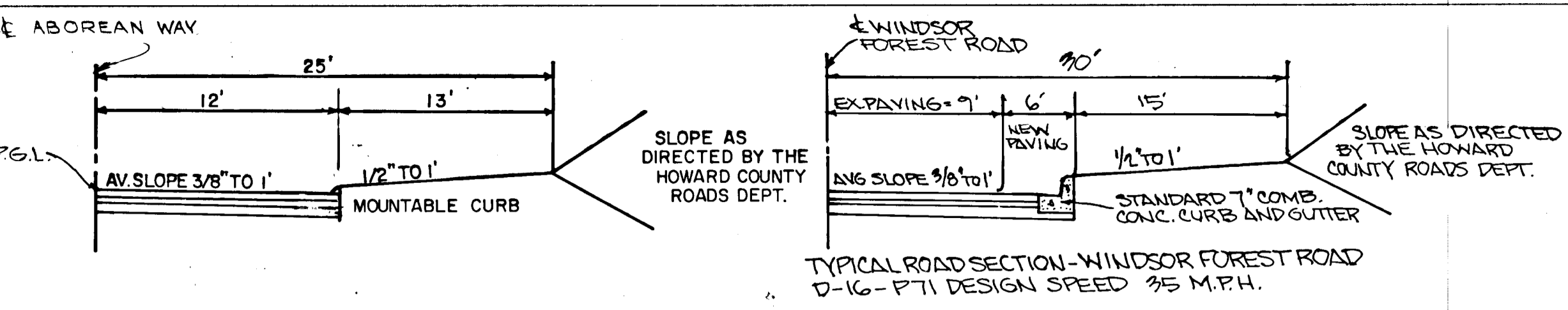
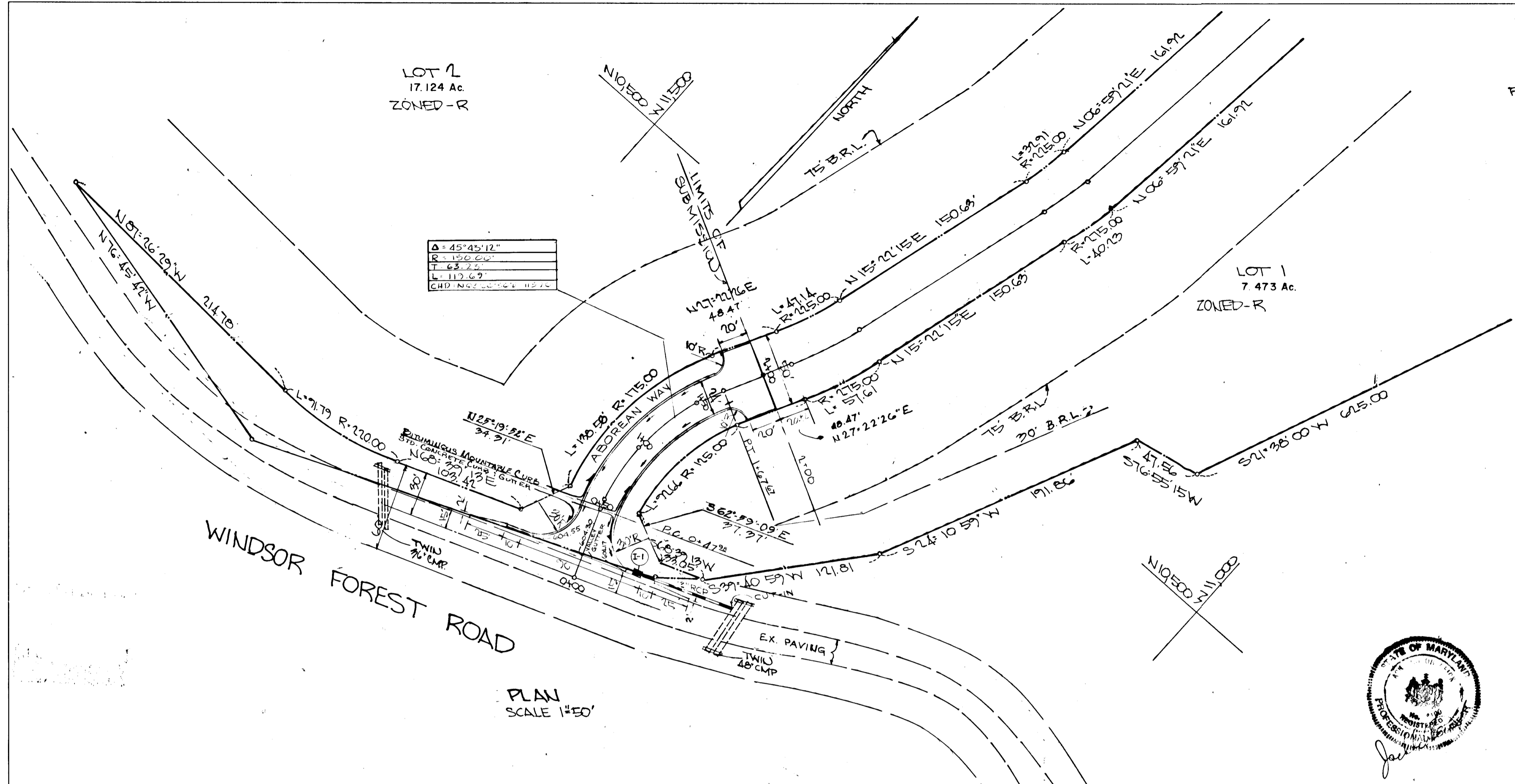


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NOTED	
	NO. 1	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTED	
	NO. 1	



TYPICAL ROAD SECTIONS
 D-16 - P-71, DESIGN SPEED 25 M.P.H. ZONED 'M'
 BITUMINOUS MOUNTABLE CURB - D-39-P-94,
 FOR PAVING SECTION ALTERNATIVES, SEE D-3-P-58, D-4-P-59, D-5-P-60 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 ALL MATERIAL AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 TIE THE BITUMINOUS MOUNTABLE CURB INTO THE STANDARD 7-INCH COMBINATION CONCRETE CURB AND GUTTER.

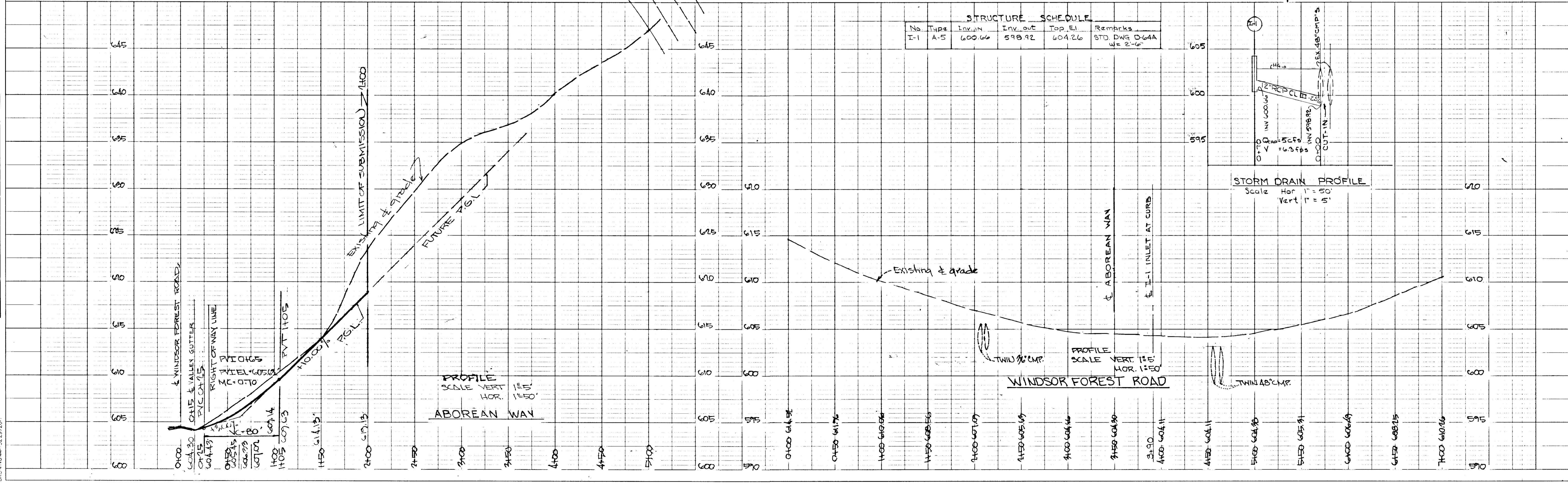
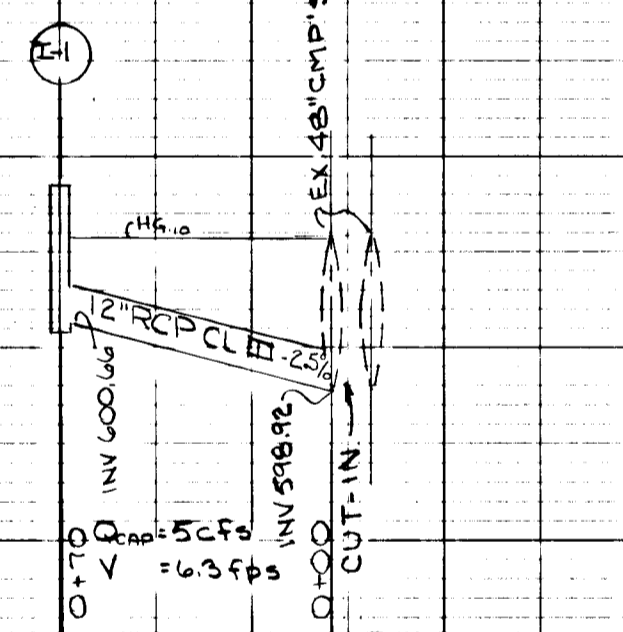
DEPARTMENT OF PUBLIC WORKS
WOLAN 5-23-78
 CHIEF, BUREAU OF ENGINEERING DATE
 OFFICE OF PLANNING AND ZONING
John W. Williams 5-23-78
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

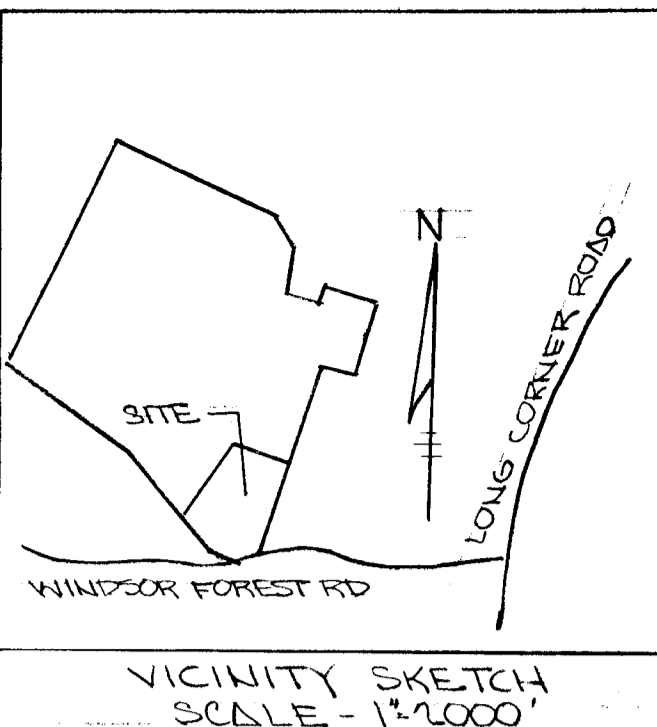
PLAN & PROFILE: ABOREAN WAY
 WINDSOR FOREST SECTION I
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DECEMBER, 1977 SHEET 1 OF 1
 TYDINGS-OHEIM ASSOC. INC.
 8370 COURT AVE.
 ELLICOTT CITY, MD. 21043



OWNER & DEVELOPER
 JOHN M. JEFFERSON
 18659 PELIN SHOP ROAD
 MT. AIRY, MARYLAND 21111

STRUCTURE SCHEDULE				
No.	Type	Inv. IN	Inv. OUT	Top. E.I.
I-1	A-5	600.66	598.92	604.26





EROSION & SEDIMENT CONTROL
 All siltation control work to be in accordance with standards and specifications of the Howard County Soil Conservation District Sediment Control Program & U.S. Soil Conservation Service.

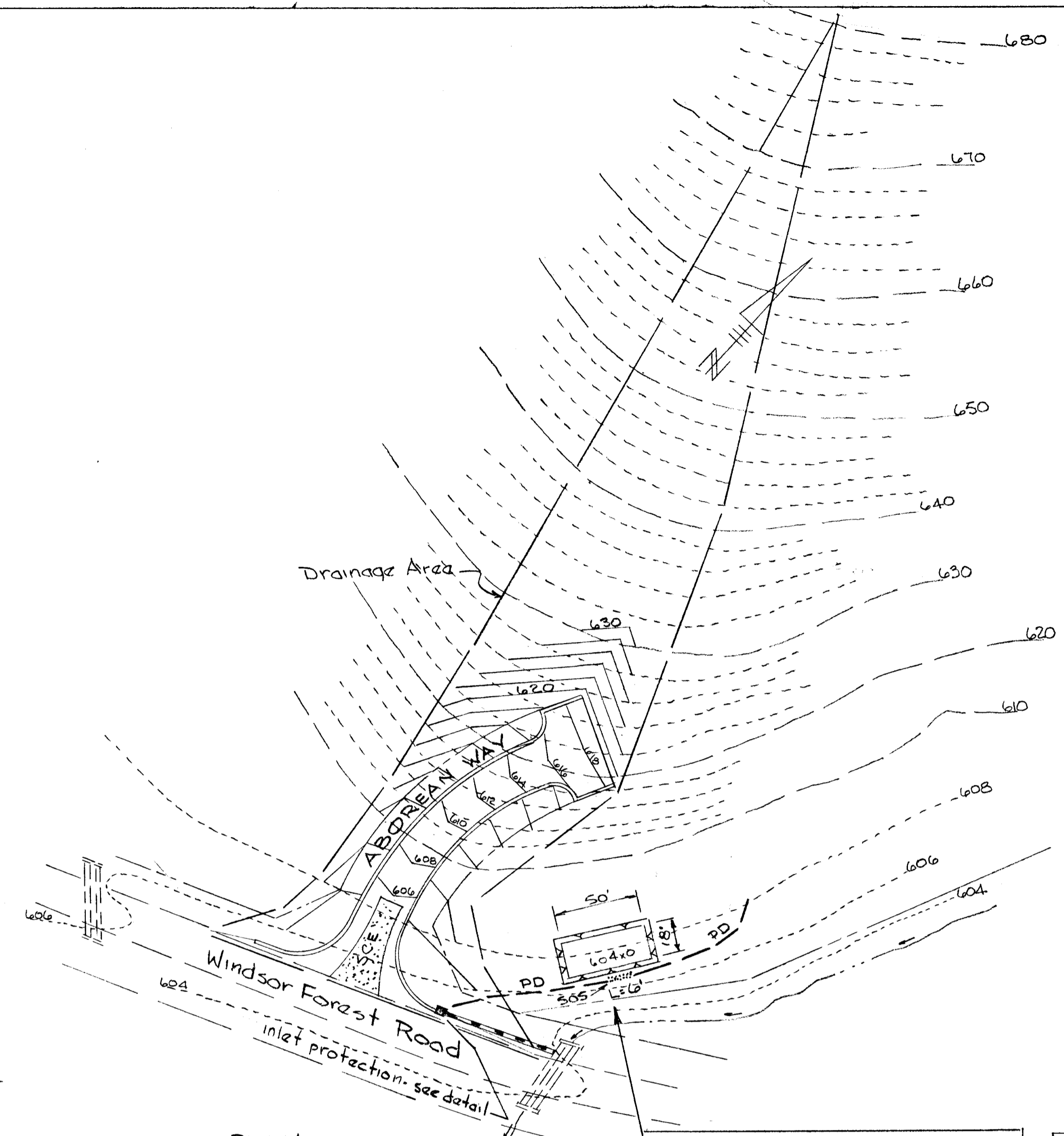
- ESTIMATED PHASING & SCHEDULING OF DEVELOPMENT**
- All sediment control measures constructed before any earth moving or excavation. Start July, 1978
 - Rough grade, install utilities, curb & gutter. July, 1978
 - Install paving, fine grade, topsoil, and vegetate all disturbed areas. July, August, 1978
 - Maintenance & cleanup - After August, 1978

- SEEDING REQUIREMENTS**
- Seeded area - approx. 12,300 sf = 0.28 Ac
 - Disturbed area - approx. 0.4 Ac
 - Seed to be Kentucky 31 Tall Fescue with 85% germination and 98% purity.
 - RATES:
 seed: 5-7#/1000 sf.
 fertilizer: 10-10-10 25#/1000 sf.
 limestone: 50#/1000 sf.
 straw mulch: 75#/1000 sf.
 asphalt tie down: 0.01 gal./sf.
 - Top soil to be spread over areas to be seeded.
 - Contractor to maintain erosion control measures daily until planting and other permanent vegetation are stabilized.
 - Predominate soil type - Linquore Channery Loam.

DRAINAGE AREA A = 0.59 Ac. ZONED R

LAWNS, WOODS	- 4.6 Ac	C = 0.24
PAVEMENT	- .13 Ac	C = 0.95
		C _c = 0.40
T _c OVERLAND	12.5' @ 1.5%	12.5 M.
SWALE	200' @ 2 FPS	1.1 M.
GUTTER	200' @ 6.5 FPS	0.5 M.
		T _c = 14.1 MIN.

I₁₀ = 5.5
 Q₁₀ CIA = 1.3 CFS.

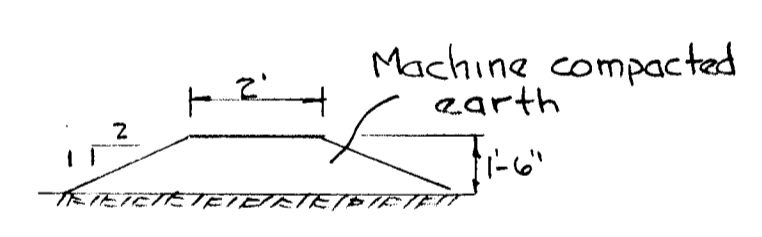


Drainage Area = .8 Ac.
 Storage Required = 67 cu.
 Storage Provided = 67 cu.
 Crest Width = 6'
 Storage Excavation - 50' x 18' x 2' dp.
 Crest elevation = 607.5 min.
 Cleanout elev. = 604.8

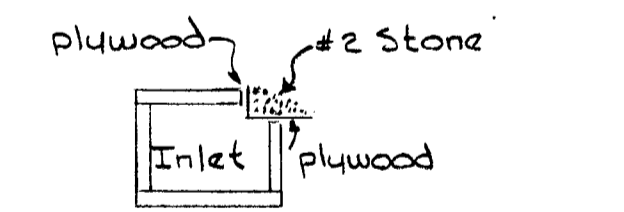
Reviewed For Howard S.C.D. and meets Technical Requirements.
C. Wayne Key 5-16-78
 Signature Date
 U.S. Soil Conservation Service

This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
 APPROVED *Robert J. Ziehm* 5-16-78
 Howard S.C.D. Date

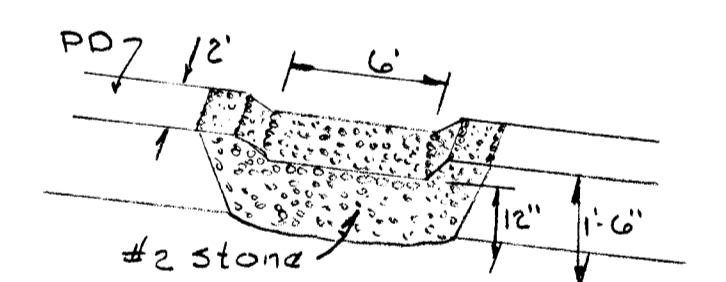
I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary.
John M. Jefferson 5/14/78
 Daye Lopez - John M. Jefferson Date



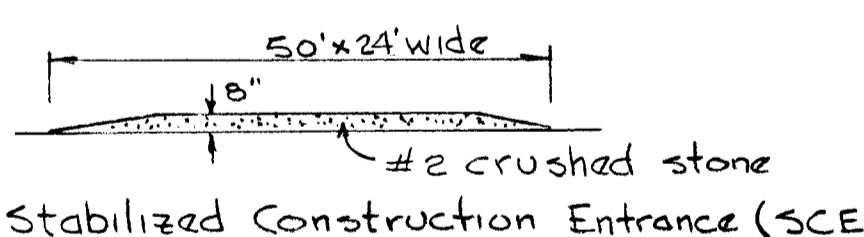
Perimeter Dike (PD)



Temporary Inlet Protection



Stone Outlet Structure (SOS)

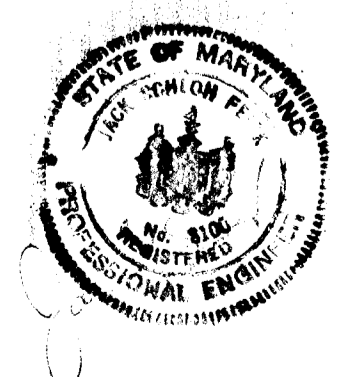


Stabilized Construction Entrance (SCE)

DEPARTMENT OF PUBLIC WORKS
W. O. Albert 5-25-78
 CHIEF, BUREAU OF ENGINEERING DATE

OFFICE OF PLANNING & ZONING
William Washman 5-25-78
 CHIEF, DIVISION OF LAND DEVELOPMENT 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 County Soil Conservation District.
Jack Schloh Faick 5-4-78
 Engineer - Jack Schloh Faick Date



OWNER & DEVELOPER
 JOHN M. JEFFERSON
 1865 PENN SHOP ROAD
 MT. AIRY, MARYLAND 21771

DRAINAGE AREA MAP and EROSION CONTROL PLAN
 WINDSOR FOREST SECTION I
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 MAY, 1978 SHEET 1 OF 1
 TYDINGS-OHEIM ASSOC. INC.
 8370 COURT AVENUE
 ELICOTT CITY, MD 21043

BUREAU OF ENGINEERING
 JUN 14 1978
 RECEIVED