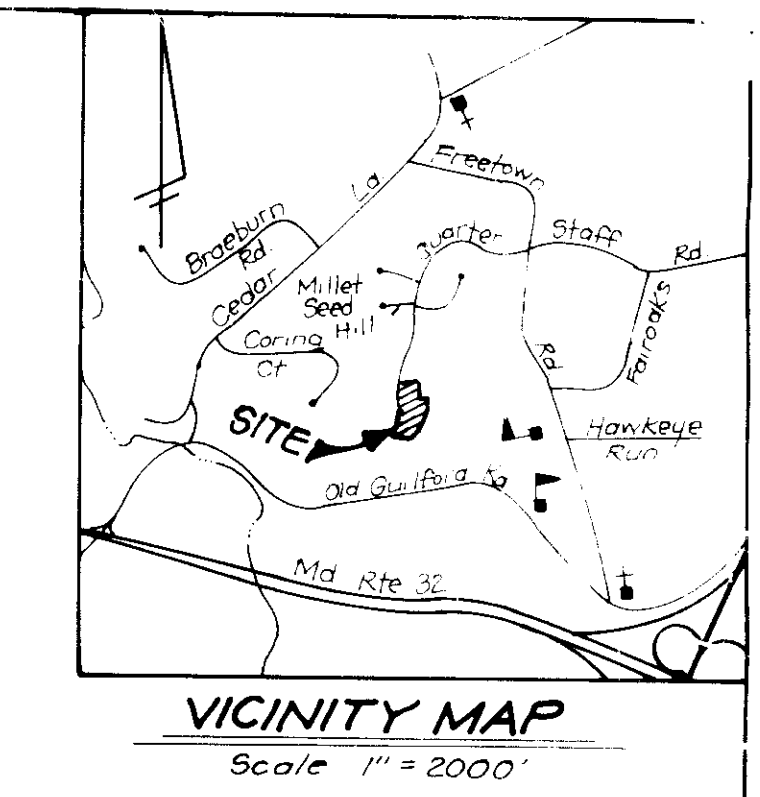
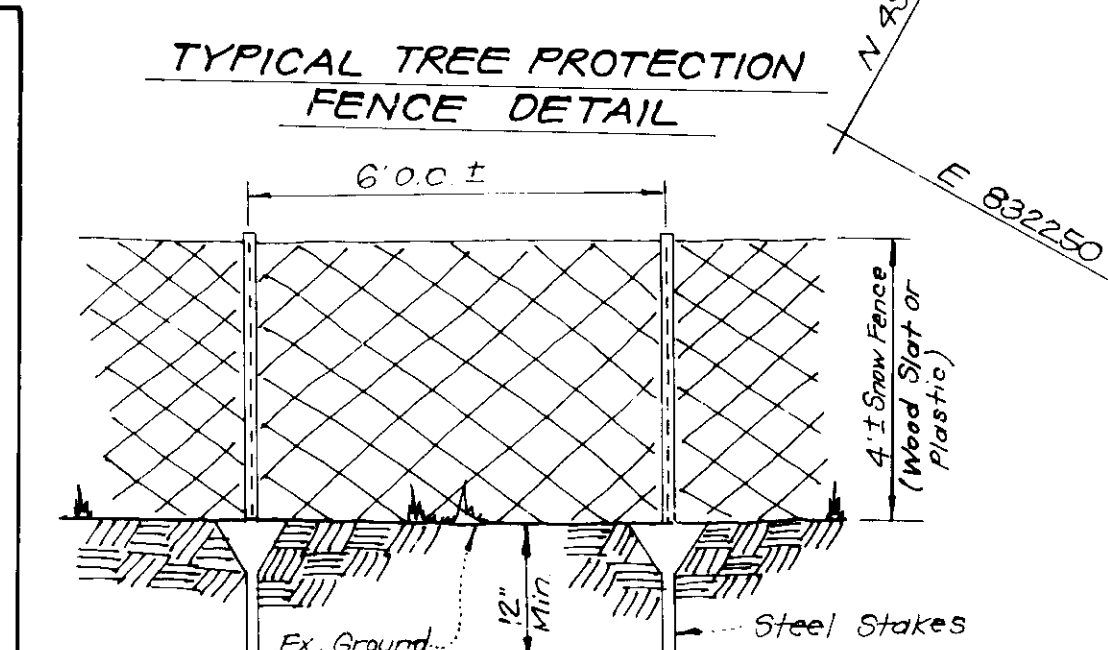
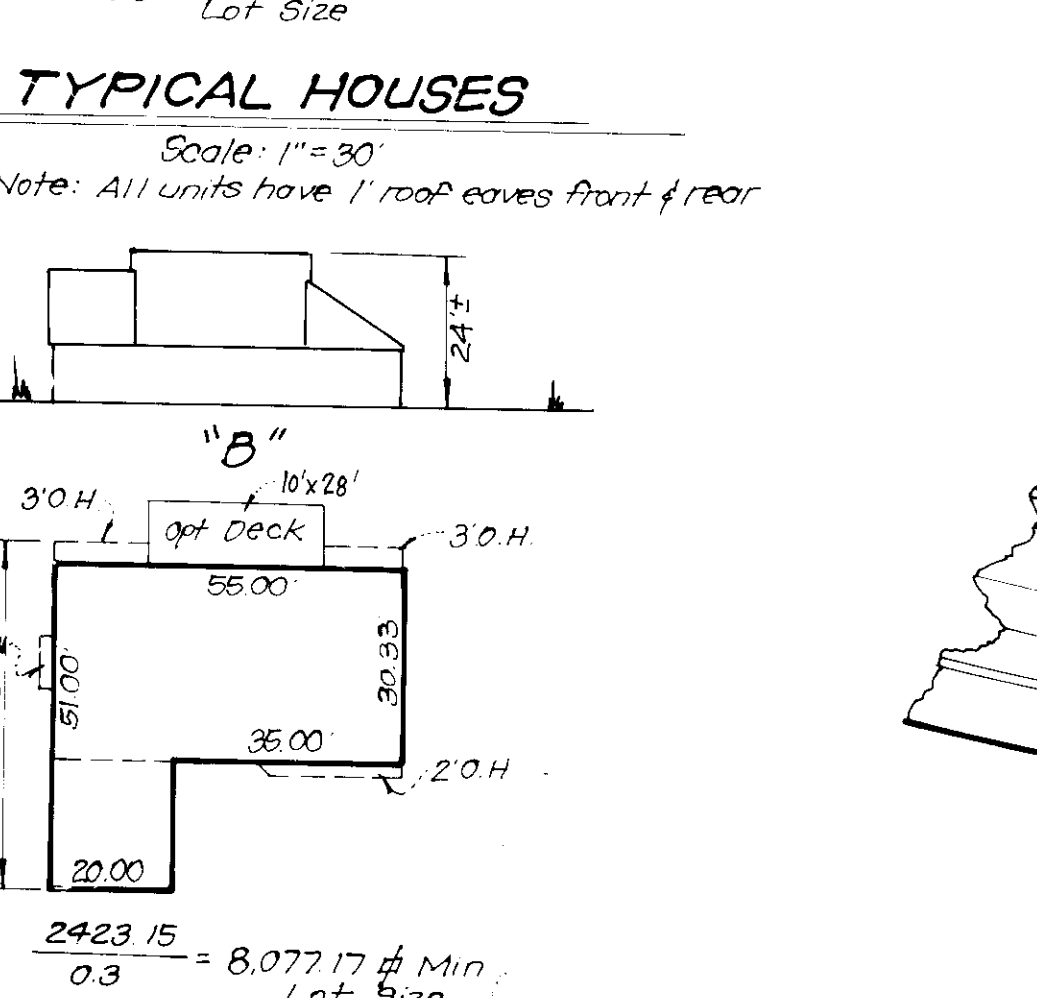
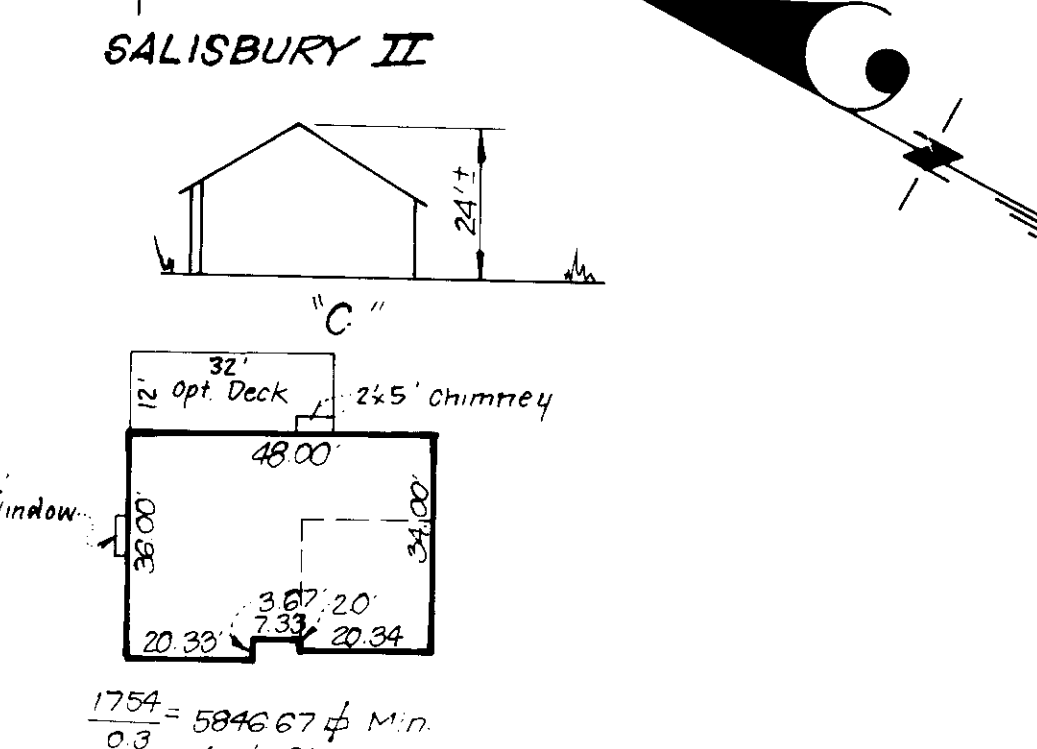
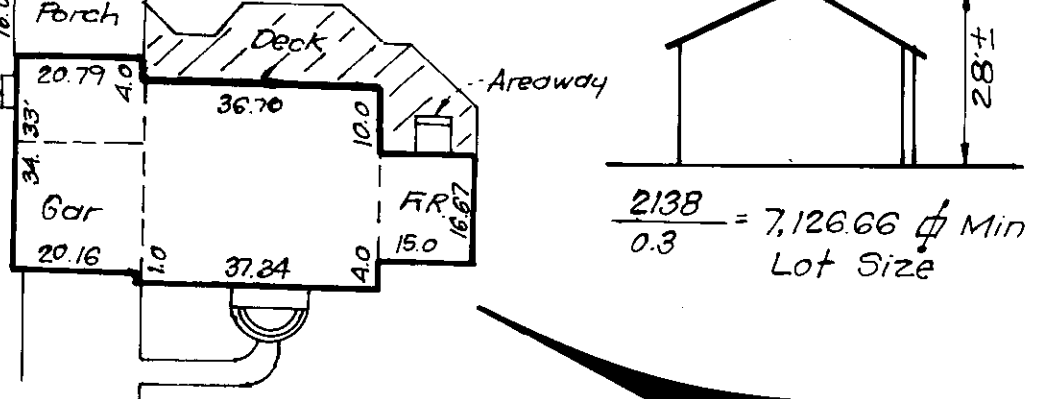


- ### GENERAL NOTES
1. Subject property zoned New Town Single Family Low Density as per Comprehensive Zoning Plan dated 8-2-85.
 2. The coordinates shown hereon are based on The Maryland State Grid System and derived from the following Howard County Control Stations 2439001 and 244001.
 3. All roadways are public and existing.
 4. Total area included in this submission: 88,606 sq ft or 2.0341 Ac.
 5. Total number of lots: 5.
 6. Any damage to county owned right-of-ways shall be corrected at the Developer's expense.
 7. Maximum lot coverage is 30%.
 8. Reference plans S-88-115, P-88-76, W/P-88-71, P/B Case 243, F-90-96 & FDP 205.
 9. The Contractor or Developer shall contact the Construction/Inspection Division, 24 hours in advance of commencement of work at 792-2630.
 10. The existing topography shown was taken from road construction plans prepared by Whitman, Requardt and Assoc. F-90-96.
 11. Improvement to property Single Family detached units.
 12. Minimum setback restrictions from property lines and the right-of-way of any public road or street to be in accordance with the recorded Final Development Plan Criteria Phase 205 Recorded in 3054 A, 1091-1096.
 13. This subdivision is subject to section 18.122 B of the Howard County Code and Stormwater Management provided for this subdivision under F-90-96.



- ### SPECIAL NOTES
1. All road construction, storm drainage facilities, water and sewer are shown for reference only. Use approved Howard County plans for all phases of construction.
 2. Construction fence to be placed along the Limit of Disturbance where adjacent to existing trees to remain.



LEGEND

- Contour Interval: 2 FT
- Existing Contour: (dashed line with dots)
- Proposed Contour: (solid line)
- Spot Elevation: +10.8
- Direction of Drainage: (arrow)
- Walk out Basement: (cloud symbol)
- Ex Trees to be saved: (cloud with 'X')
- Snow Fence for Tree Protection to be Adjusted as Necessary: (line with 'X')

ADDRESS CHART

LOT No	STREET ADDRESS
77	10701 QUARTERSTAFF ROAD
78	10697 " "
79	10693 " "
80	10689 " "
81	10685 " "

REVISIONS

NO	REVISIONS	DATE
1	Rev. hse & grad. lots 78 & 79	5-30-91
2	Rev. hse & grad. lot 77	7-22-91
3	Rev. hse & grad. lot 81	7-29-91
4	Rev. hse & grad. lot 80	12-2-91

OWNER
HOWARD RESEARCH & DEVELOPMENT LAND CO
10275 Little Patuxent Pkwy
Columbia, Maryland 21044

Subdivision Name	COLUMBIA VILLAGE OF HICKORY RIDGE	Section	6/6	Lots	77 thru 81
Plat No	9389, 9340	Block No	17, 18, 23	Zone	NTSFLD
Tax Map No	35	Elec Dist	5TH	Census Tr	6053.02
Water Code	E20	Sewer Code	G580000		

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

715 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 734-1111 • BALTIMORE, MD 21201 • (410) 528-4411

DESIGNED	JME	SCALE	1" = 30'
DRAWN	BAL	DRAWING	1 OF 2
CHECKED	JME	JOB NO	90-020
DATE	Feb 1990	FILE NO	90-020X

SITE DEVELOPMENT PLAN
LOTS 77 thru 81
COLUMBIA VILLAGE OF HICKORY RIDGE
SECTION 6 AREA 6
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: WOODMAN HOMES, INC
Wild Lake Village Green Suite 300
Columbia, Maryland 21044

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

[Signature] 4-23-90
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

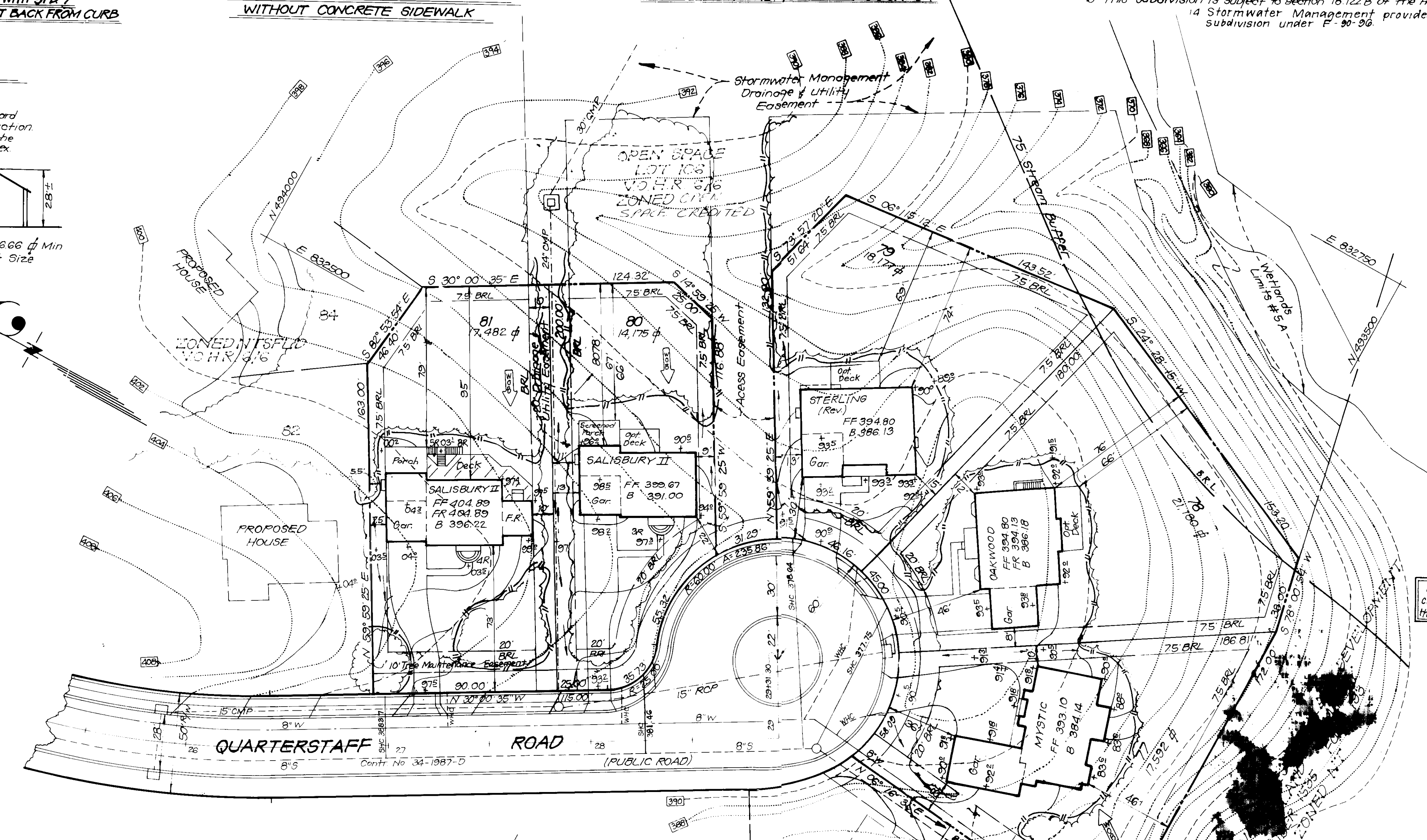
[Signature] 4/25/90
DIRECTOR DATE

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CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

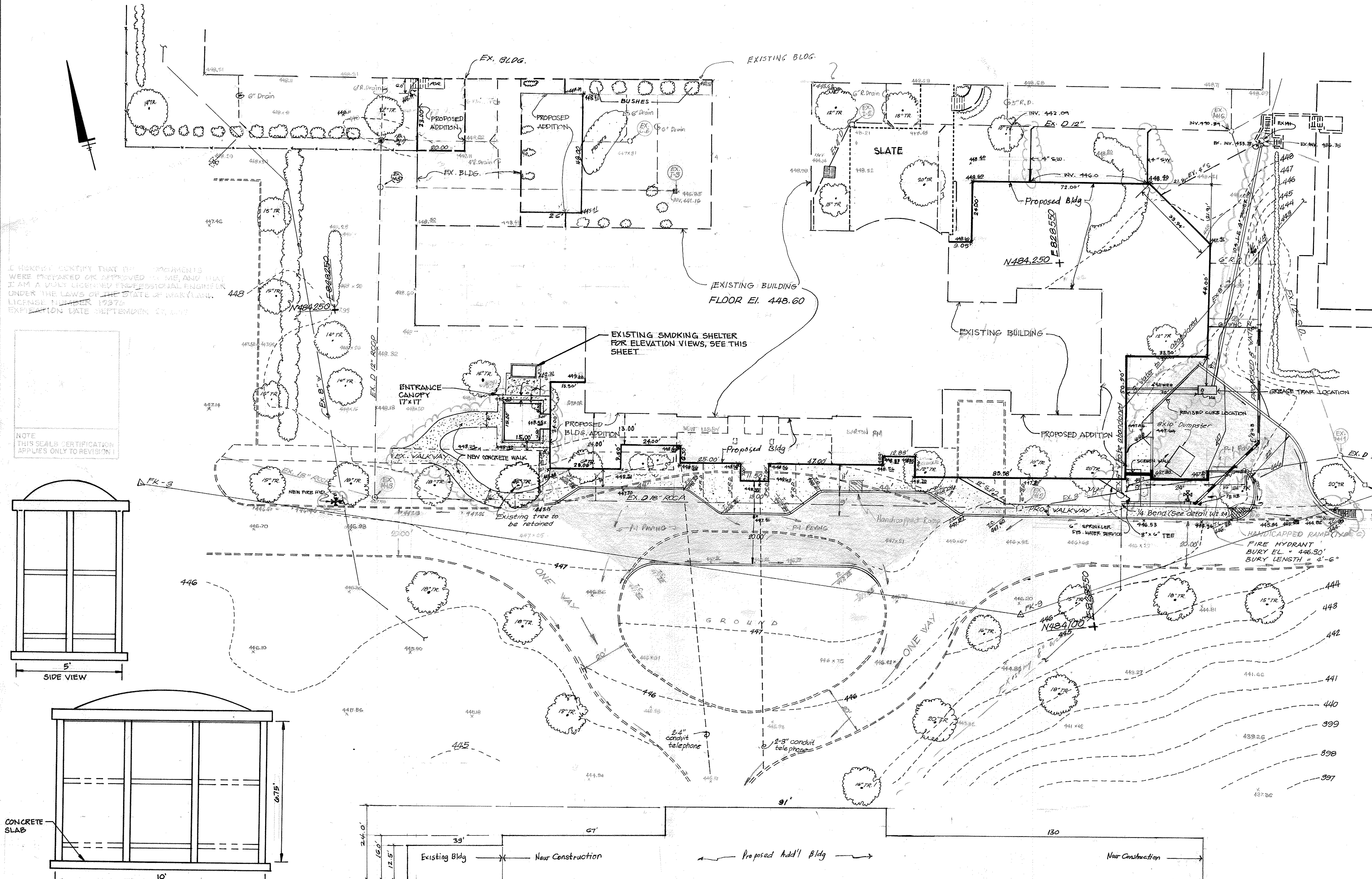
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 4/23/90
DIRECTOR DATE

[Signature] 4-20-90
CHIEF BUREAU OF ENGINEERING DATE



No clearing, grading or construction is permitted within the wetland or stream buffers.

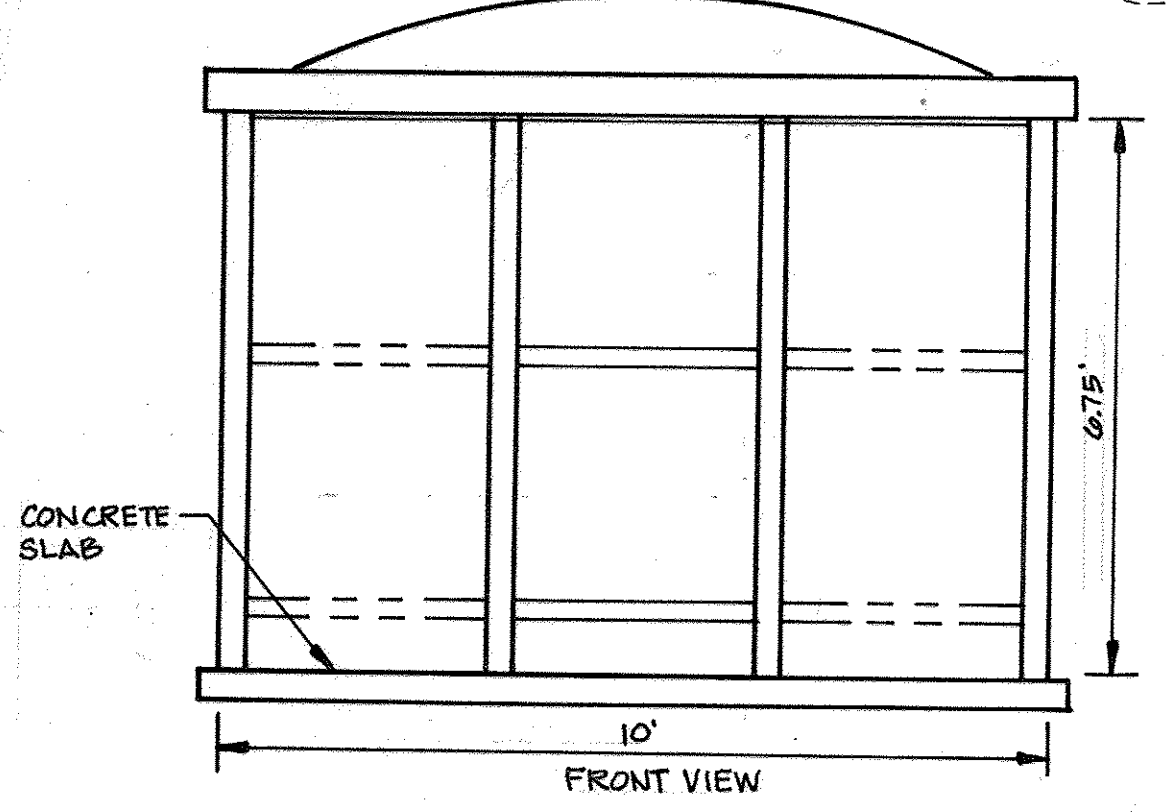
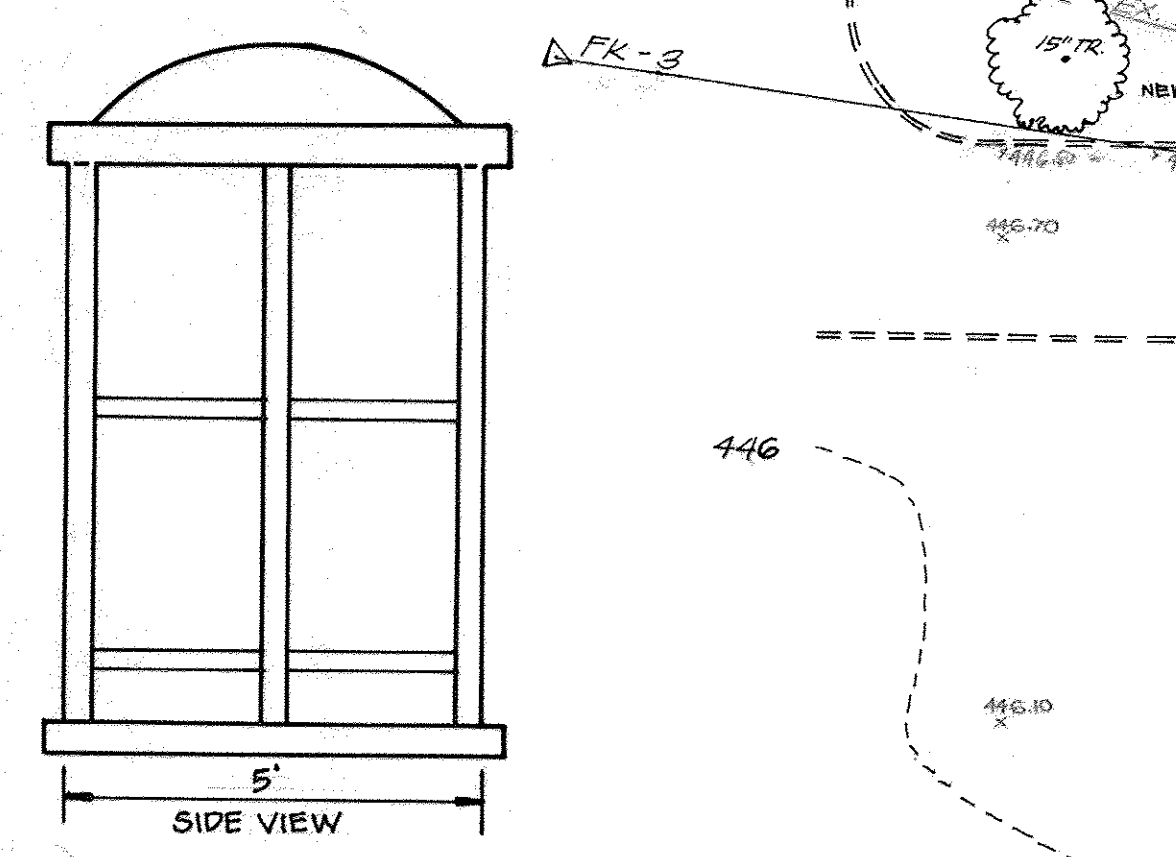


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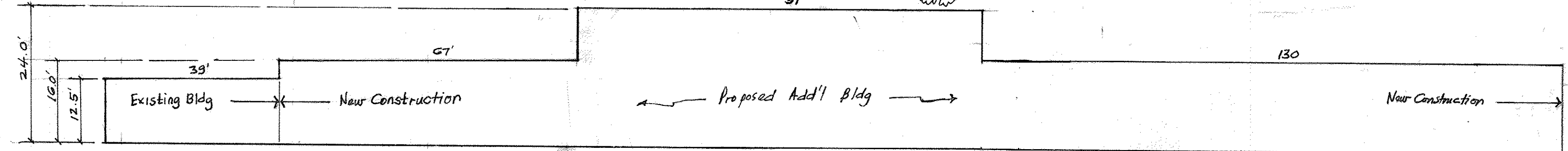
	Existing	Proposed
Curbs	=====	=====
Grades	-----	-----
Spot elevation	170.90	170.92
Paving	[]	[]
Water Line	-----	-----
Side walk	=====	=====
Traverse	△	△
Building	[]	[]

I HEREBY CERTIFY THAT THE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A VALID LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 19377. EXPIRATION DATE SEPTEMBER 30, 1997.

NOTE: THIS SEAL CERTIFICATION APPLIES ONLY TO REVISIONS.



SMOKING SHELTER ELEVATION VIEWS
NO SCALE



ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS				
P. 123/129	11100 JOHNS HOPKINS ROAD				
SUBDIVISION NAME	SECT./AREA	LOT/PARCEL			
J.H.U. APPLIED PHYSICS LAB.		P.123/289			
PLAT: OR L/F	BLOCK#	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
234/304	16	R	41	5th.	6051
400/625					
WATER CODE	SEWER CODE				
E-21	6480000				

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

James B. ... 10-1-90
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

W. ... 11.16.90
PLANNING DIRECTOR DATE

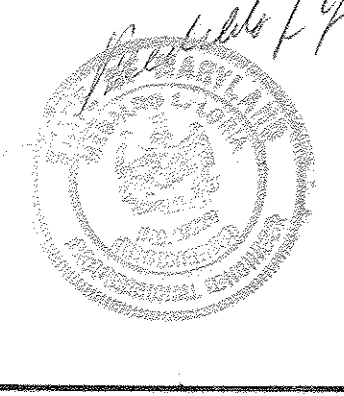
Mark C. ... 1/6/90
CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Robert ... 9-27-90
DIRECTOR DATE

... 9-26-90
CHIEF, BUREAU OF ENGINEERING DATE

loria engineering inc.
Consulting Engineers • Land Planners • Surveyors
3230 Bethony Lane, Suite A, Elkridge City, Maryland
301-465-0200

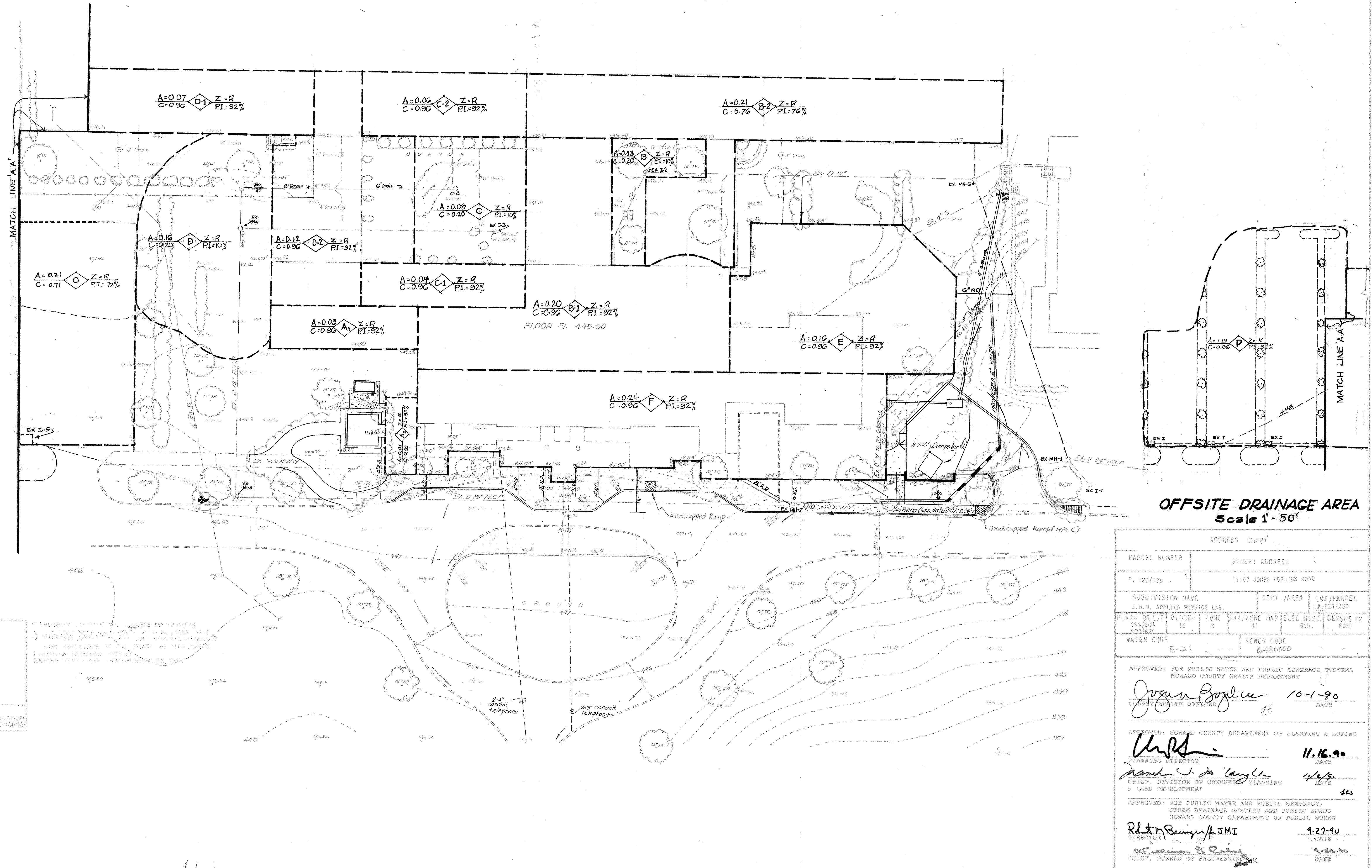


APPLIED PHYSICS LABORATORY
THE JOHN HOPKINS UNIVERSITY
JOHNS HOPKINS ROAD HOWARD COUNTY MARYLAND
APPROVED FOR THE UNIVERSITY BY: *James E. ...*
DATE: 11/15/90 TITLE: *Chief Engineer*

BUILDING I - ADDITION
THE JOHN HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY
11100 JOHNS HOPKINS ROAD
LAUREL MARYLAND 20707

SITE DEVELOPMENT PLAN
GRADING PLAN

SCALE: 1" = 20'
DATE: 03-21-90
SHEET: 2 OF 6
5-22-91 SEWER LINES REVISIONS



OFFSITE DRAINAGE AREA
Scale 1" = 50'

ADDRESS CHART	
PARCEL NUMBER	STREET ADDRESS
P. 123/129	11100 JOHNS HOPKINS ROAD
SUBDIVISION NAME	SECT./AREA
J.M.U. APPLIED PHYSICS LAB.	P.123/289
PLAT OR L/F	BLOCK
234/304	16
400/625	R
WATER CODE	SEWER CODE
E-21	6480000

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Josun Boyle 10-1-90
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

[Signature] 11.16.90
PLANNING DIRECTOR DATE

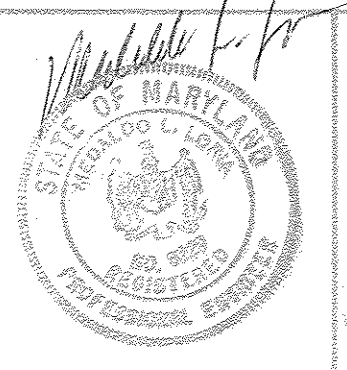
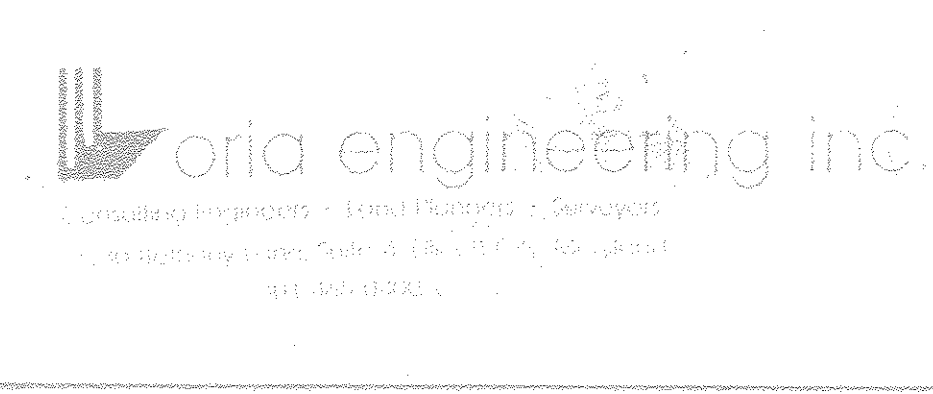
[Signature] 1/2/91
CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 9-27-90
DIRECTOR DATE

[Signature] 9-28-90
CHIEF, BUREAU OF ENGINEERING DATE

NOTE
THIS SEAL & CERTIFICATION
APPLIES ONLY TO THIS SHEET



APPLIED PHYSICS LABORATORY
THE JOHN HOPKINS UNIVERSITY
JOHNS HOPKINS ROAD HOWARD COUNTY MARYLAND
APPROVED FOR THE UNIVERSITY BY *James E. Trosch*
DATE: 4/18/90 TITLE: *Group Supervisor*

BUILDING I - ADDITION
THE JOHN HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY
11100 JOHNS HOPKINS ROAD LAUREL MARYLAND 20707

DRAINAGE AREA MAP

SCALE: 1" = 20'
DATE: 03-23-90
SHEET: 3 OF 6
5-22-91 - SEWER LINES REVISIONS
SDP-90-194