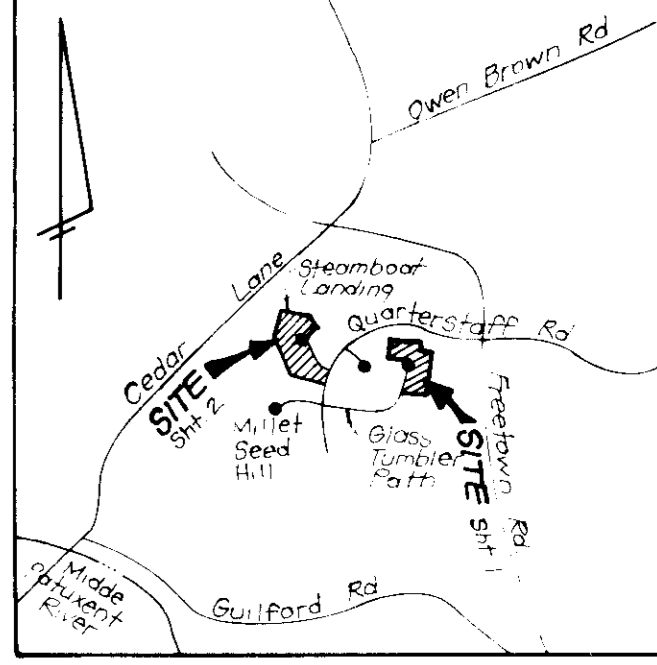


GENERAL NOTES

1. Subject property zoned NTS, FL D & R 20 as 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 285,280 sq ft or 6.5491 Ac.
5. Total number of lots 19.
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-89-76, PS Case 243, WP-89-71 and F-90-97.
9. The Contractor or Developer shall contact the Construction/Inspection Survey Division, 24 hours in advance of commencement of work of 7:30 a.m. to 3:30 p.m.
10. The existing topographic shown was taken from road construction plans prepared by Whitman, Reguardt and Associates.
11. Improvement to property: Single Family Dwelling Unit.
12. Construction fence to be placed along the Limit of Disturbance where adjacent to existing trees to remain.
13. Neither the mapped wetlands nor their required buffer will be disturbed.
14. Stormwater Management Facilities provided for in F-90-97.
15. 10 Tree maintenance easement along all road frontages.
16. This plan is design in accordance with F.D.P. 205, (3054 A, 10.9) to 10.96).
17. Mapped wetlands and their required buffers will remain undisturbed.



LEGEND

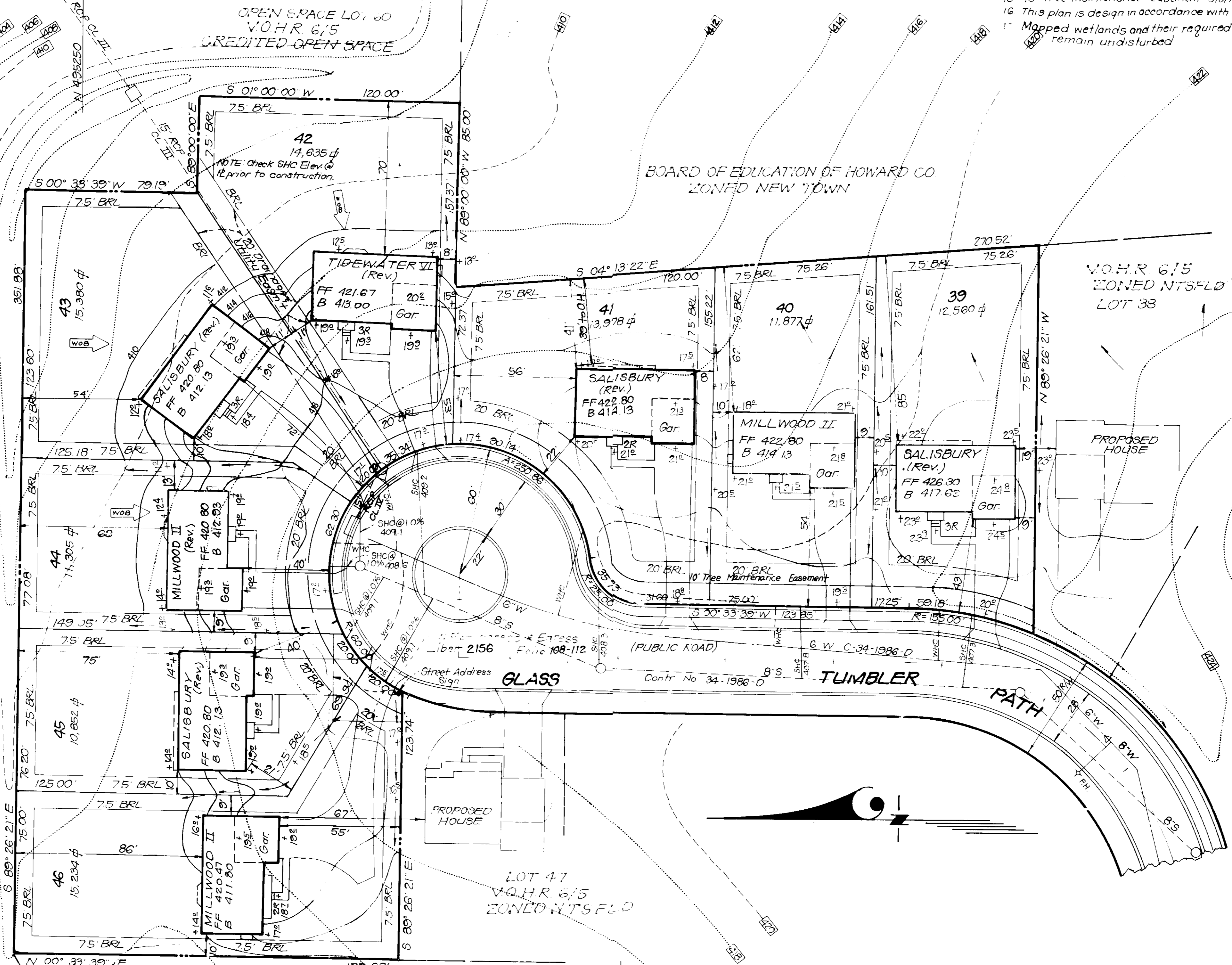
- Contour Interval 2 FT
- Existing Contour (dashed line)
- Proposed Contour (solid line)
- Spot Elevation +10.0
- Direction of Drainage (arrow)
- Walk out Basement (dotted line)
- Ex Trees to be saved (cloud symbol)
- Construction Fence (dashed line with cross-ticks)

QUARTERSTAFF ROAD 60' R/W

OPEN SPACE LOT 60 V.O.H.R. 6/5 CREDITED OPEN SPACE

DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED CURB, GUTTER & SIDEWALK

DRIVEWAY ABUTTING CLOSED SECTION WITH STD 7" CURB, GUTTER & SIDEWALK SET BACK FROM CURB



LOT No.	STREET ADDRESS
5	10600 Steamboat Landing
6	10604
7	10608
8	10612
9	10616
10	10620
11	10617
12	10613
13	10609
14	10605
15	10634 Quarterstaff Road
39	10644 Glass Tumbler Path
40	10648
41	10652
42	10656
43	10645
44	10641
45	10637
46	10633

No.	REVISIONS	Date
4	Rev. house and grade lot 42	6-19-91
3	Rev. hse. & grd. lot 41 from Tidewater IV to Salisbury (Rev.)	5-14-91
2	Rev. hse. & grd. lot 43 from Tidewater IV to Salisbury (Rev.)	3-27-91
1	Rev. hse. & grd. lot 44 to MILLWOOD II from TIDEWATER II	3-12-91

OWNER/DEVELOPER:	Subdivision Name COLUMBIA VILLAGE OF HICKORY RIDGE	Section Area 6.75	Lots 5-15 & 39-46
Land Co. 10275 Little Patuxent Pkwy Columbia MD 21044	Plot No. 9341-9344	Block No. 17, 18 & 23	Zone NTSFLD
	Water Code E20	Elec. Dist. 5TH	Genus Tr. 6053.02
		Sewer Code	0580000

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 • BALTO. • (410) 221-9900

DESIGNED	JME	SITE DEVELOPMENT PLAN	SCALE 1" = 30'
DRAWN	BAL	LOTS 5-15 and 39-46	DRAWING 1 OF 5
CHECKED	JME	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5	JOB NO. 90-025
DATE	FEB. 1990	5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND	FILE NO. 90-025X

FOR: NU-HOMES, INC. 10480 Little Patuxent Pkwy Columbia, Maryland 21044

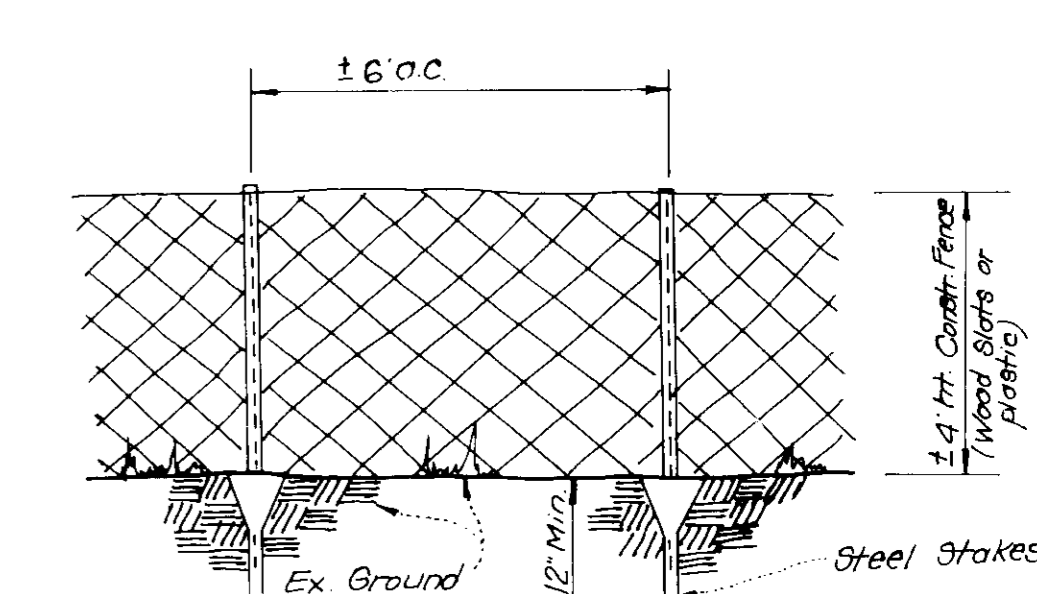
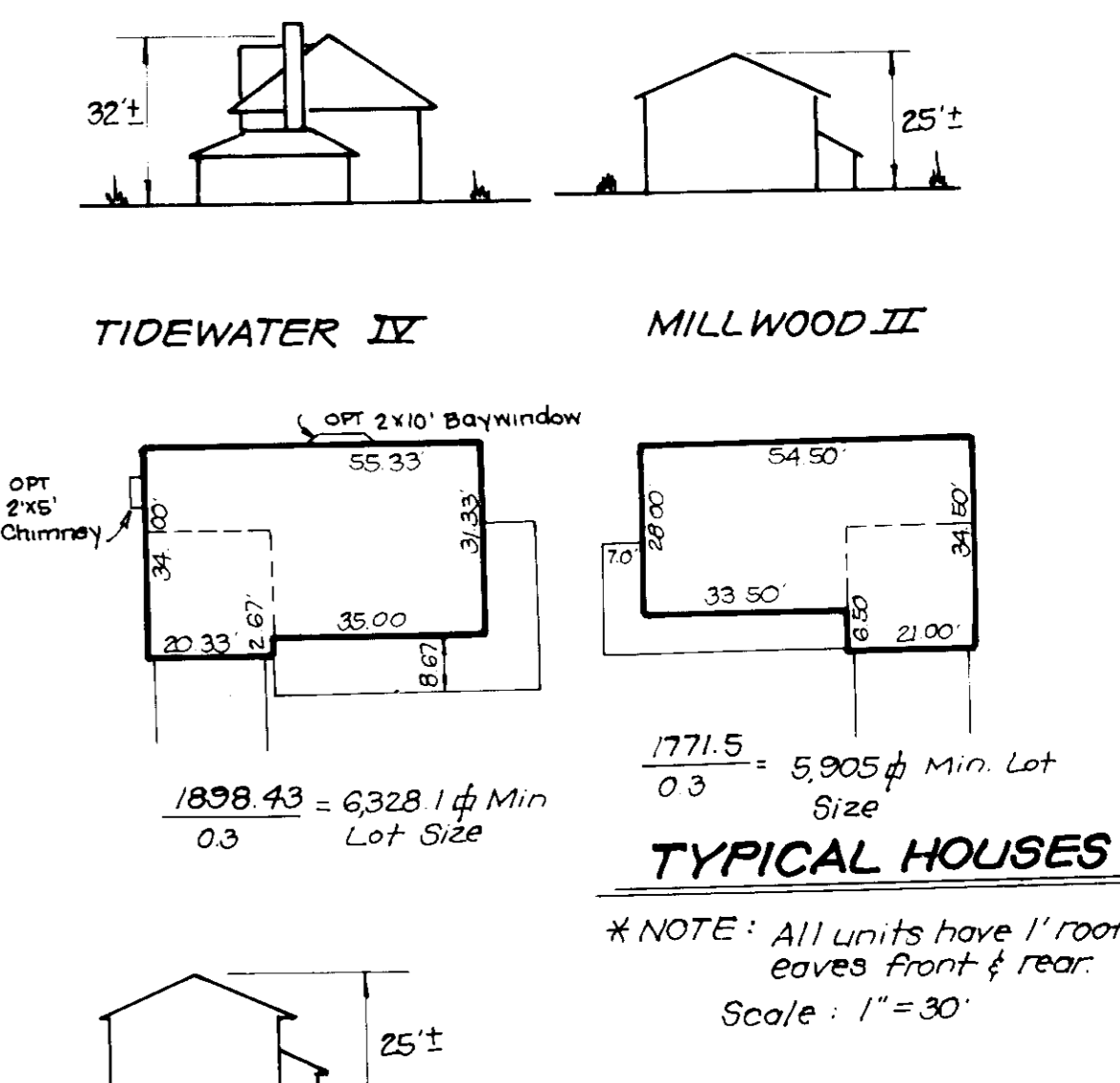
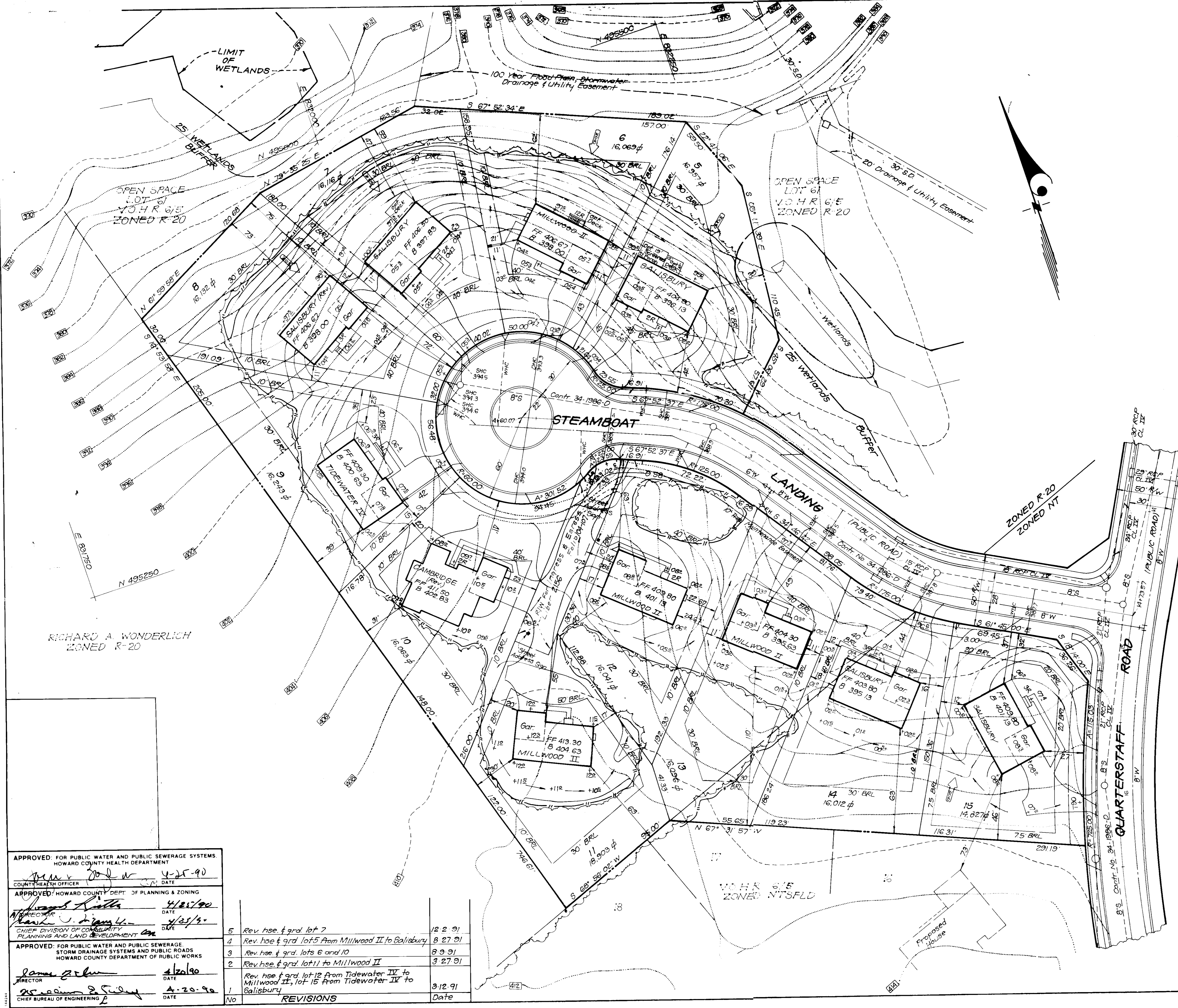
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT OF PLANNING & ZONING

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

No.	REVISIONS	Date
1	Rev. hse. and grd. lot 45 from Millwood to Salisbury, lot 46 from Tidewater to Millwood II and Raise fee 0.2: lot 46 per W/S plans C-N 34-1986-D	8-27-91





RICHARD A. WONDERLICH
ZONED R-20

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

COUNTY HEALTH OFFICER: *[Signature]* DATE: 4-25-90

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

DIRECTOR: *[Signature]* DATE: 4/25/90

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

DIRECTOR: *[Signature]* DATE: 4/20/90

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

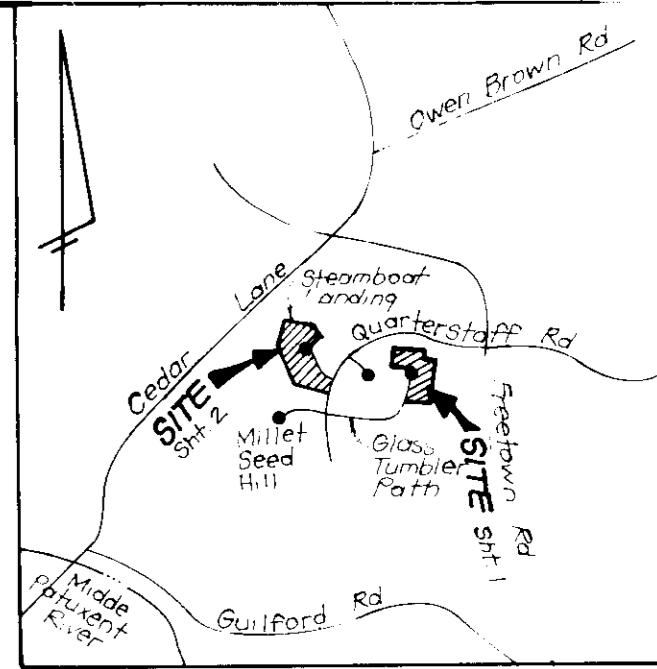
NO	REVISIONS	Date
5	Rev. hse. & grd. lot 7	12-2-91
4	Rev. hse. & grd. lot 5 from Millwood II to Galisbury	8-27-91
3	Rev. hse. & grd. lots 6 and 10	8-9-91
2	Rev. hse. & grd. lot 11 to Millwood II	3-27-91
1	Rev. hse. & grd. lot 12 from Tidewater IV to Millwood II, lot 15 from Tidewater IV to Galisbury	3-12-91

OWNER/DEVELOPER
Howard Research and Development
Land Co.
10275 Little Patuxent Pkwy.
Columbia, MD. 21044

CLARK • FINEROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 • BALTO. • (301) 625-8100 • WASH.

DESIGNED JME	SITE DEVELOPMENT PLAN LOTS 5-15 and 39-46 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND	SCALE 1" = 30'
DRAWN BAL		DRAWING 2 OF 5
CHECKED JME		JOB NO. 90-025
DATE Feb 1990	FOR NU-HOMES, INC. 10490 Little Patuxent Pkwy. Columbia, Maryland 21044	FILE NO. 90-025X

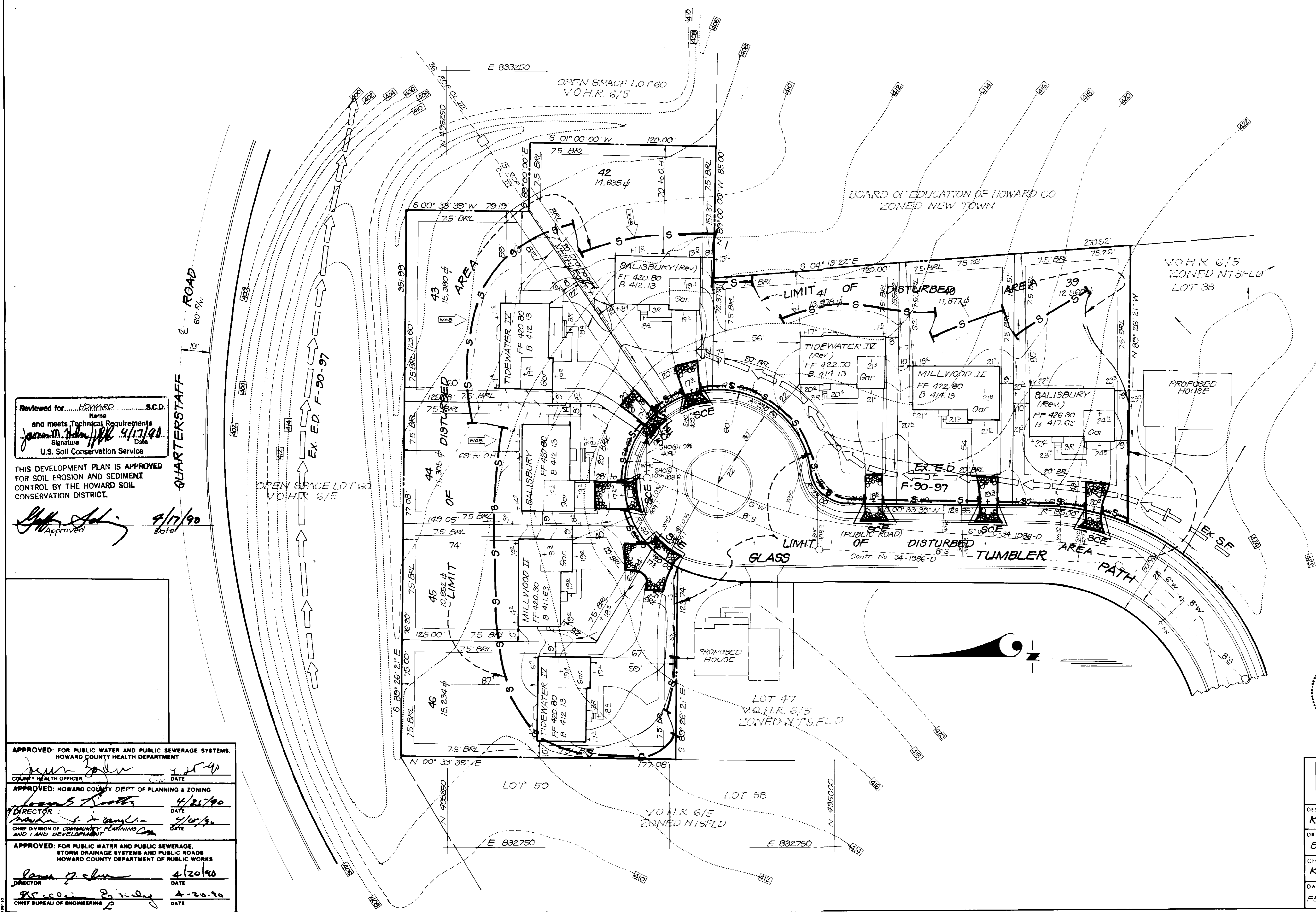
S.D.P. 97-156



VICINITY MAP
Scale 1" = 2000'

LEGEND

- Contour Interval 2 FT
- Existing Contour
- Proposed Contour
- Spot Elevation +10.2
- Direction of Drainage
- Walk out Basement
- Ex Trees to be saved
- Existing Earth Dike
- Existing Silt Fence
- Silt Fence
- Earth Dike
- Stabilized Construction Entrance



Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
Signature James M. Adams Date 4/17/90
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Staff Adams 4/17/90
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

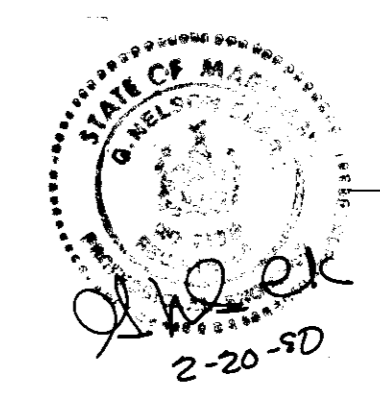
"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Harry A. Brown 2-16-90
Signature of Developer/Builder Date

ENGINEER'S CERTIFICATE

I hereby 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.

G. Nelson Clark 2-20-90
Date



OWNER/DEVELOPER
Howard Research & Development
Land Co.
10275 Little Patuxent Pkwy.
Columbia, MD 21044

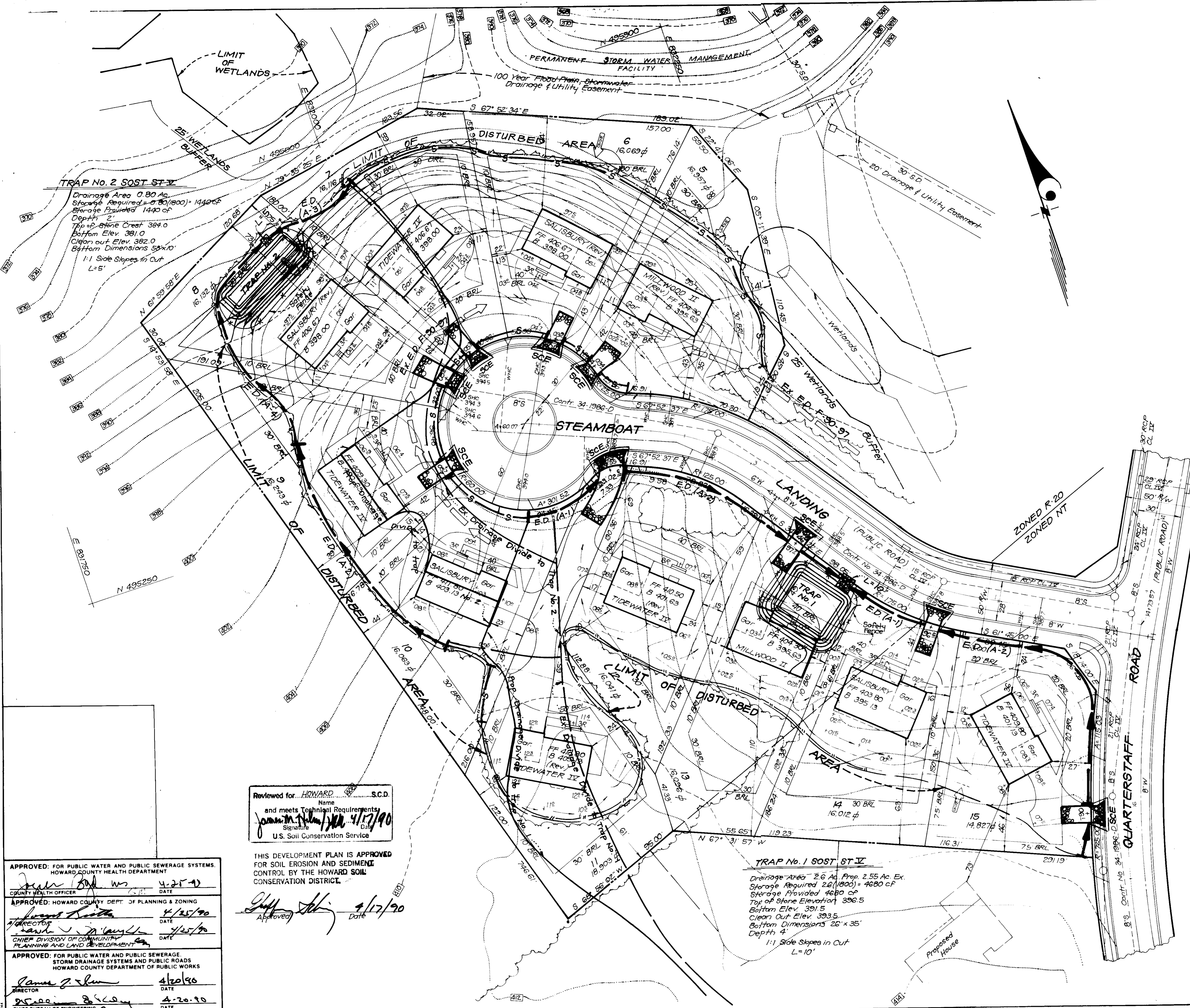
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Adams 4/25/90
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
James M. Adams 4/25/90
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Adams 4/20/90
DIRECTOR DATE

James M. Adams 4-20-90
CHIEF BUREAU OF ENGINEERING DATE

CLARK • FINEROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7115 MINISTREL WAY • COLUMBIA, MD 21045 • (410) 381-2500 • BALTO • BOWLING GREEN, VA		
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 5-15 and 39-46 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND FOR: NU-HOMES, INC. 10480 Little Patuxent Pkwy Columbia, Maryland 21044	SCALE 1" = 30'
DRAWN BAL		DRAWING 3 OF 5
CHECKED KIWM		JOB NO 90-025
DATE FEB 1990		FILE NO 90-025
S.D.P. 90-156		



DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Harold Bowie 2-16-90
Signature of Developer/Builder Date

ENGINEER'S CERTIFICATE

I hereby 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.

G. Nelson Clark 2-20-90
Date



OWNER/DEVELOPER
Howard Research and Development Land Co.
10275 Little Patuxent Pkwy.
Columbia, MD. 21044

Reviewed for HOWARD S.C.D. Name
and meets Technical Requirements
Jean M. [Signature] 4/17/90
Signature Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 4/17/90
Approved Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 4-25-90
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 4/25/90
DIRECTOR DATE

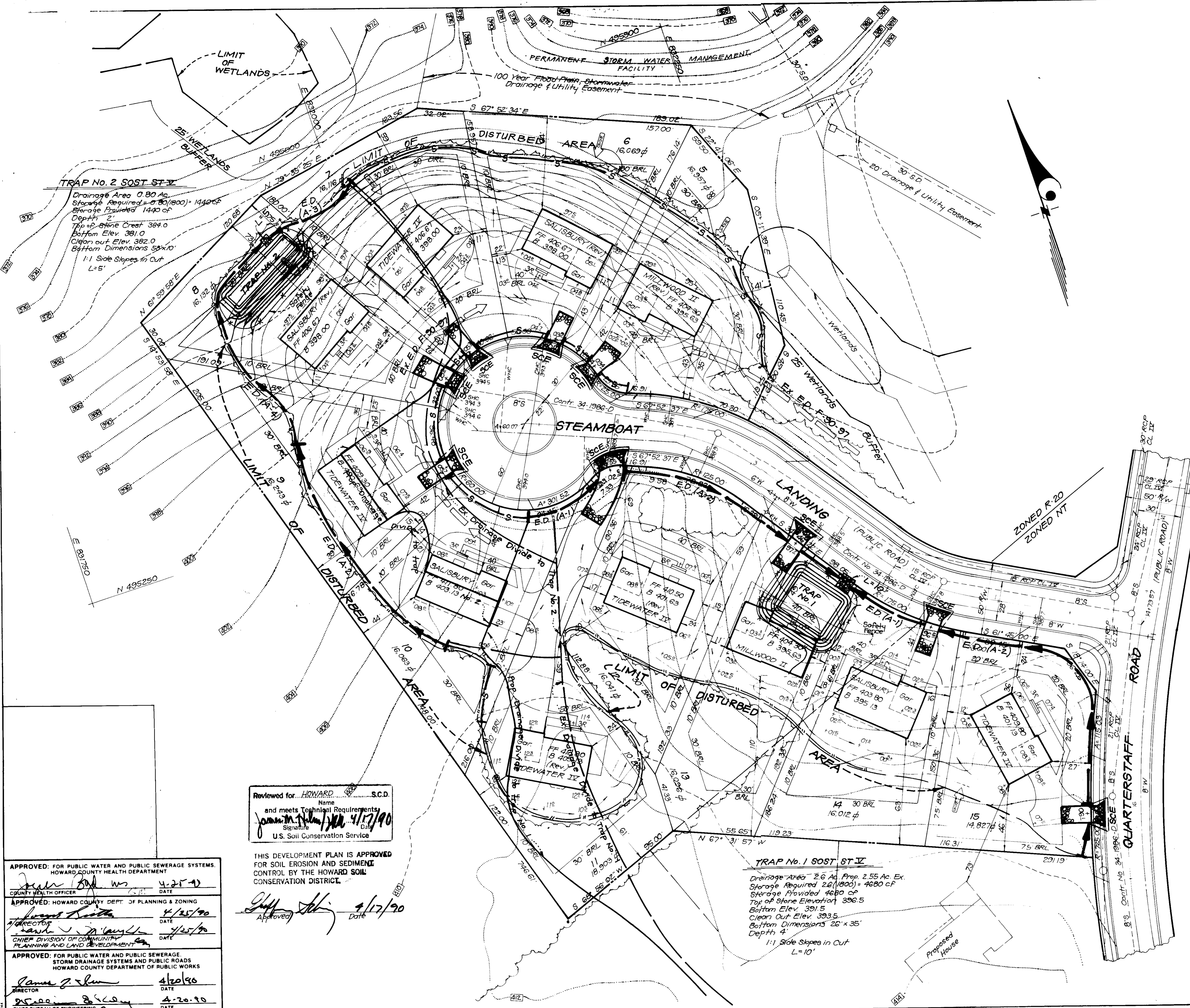
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 4/20/90
DIRECTOR DATE

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

TRAP No. 1 SOST ST-II
Drainage Area 2.6 Ac. Ex. Prop. 2.55 Ac. Ex.
Storage Required 2.0(1800) = 4680 CF
Storage Provided 4680 CF
Top of Stone Elevation 396.5
Bottom Elev. 393.5
Bottom Dimensions 26' x 35'
Depth 4'
1:1 Side Slopes in Cut
L=10'

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 891-7500 BAL TO • (301) 421-8800 WASH DC		SCALE 1" = 30'
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 5-15 and 39-46	DRAWING 4 OF 5
DRAWN BAL	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND	JOB NO. 90-025
CHECKED KIWM	FOR: NIU-HOMES, INC. 10480 Little Patuxent Pkwy Columbia, Maryland 21044	FILE NO. 90-025-5E
DATE Feb. 1990		

S.D.P. 90-156



DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Harold Bowie 2-16-90
 Signature of Developer/Builder Date

ENGINEER'S CERTIFICATE

I hereby 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.

G. Nelson Clark 2-20-90
 Signature Date



OWNER/DEVELOPER
 Howard Research and Development Land Co.
 10275 Little Patuxent Pkwy.
 Columbia, MD. 21044

Reviewed for HOWARD S.C.D.
 Name
 and meets Technical Requirements
Jean M. [Signature] 4/17/90
 Signature Date
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 4/17/90
 Approved Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 4-25-90
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 4/25/90
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 4/20/90
 DIRECTOR DATE

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

TRAP No. 1 SOST ST II
 Drainage Area 2.6 Ac. Ex. Prop. 2.55 Ac. Ex.
 Storage Required 2.0(1800) = 4680 CF
 Storage Provided 4680 CF
 Top of Stone Elevation 396.5
 Bottom Elev. 393.5
 Bottom Dimensions 26' x 35'
 Depth 4'
 1:1 Side Slopes in Cut
 L=10'

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINISTREL WAY • COLUMBIA, MD. 21045 • (301) 891-7500 BAL TO • (301) 421-8800 WASH DC		SCALE 1" = 30'
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 6-15 and 39-46 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND FOR: NIU-HOMES, INC. 10480 Little Patuxent Pkwy Columbia, Maryland 21044	
DRAWN BAL	DRAWING 4 OF 5	
CHECKED KIWM	JOB NO. 90-025	
DATE Feb. 1990	FILE NO. 90-025-5E	
S.D.P. 90-156		