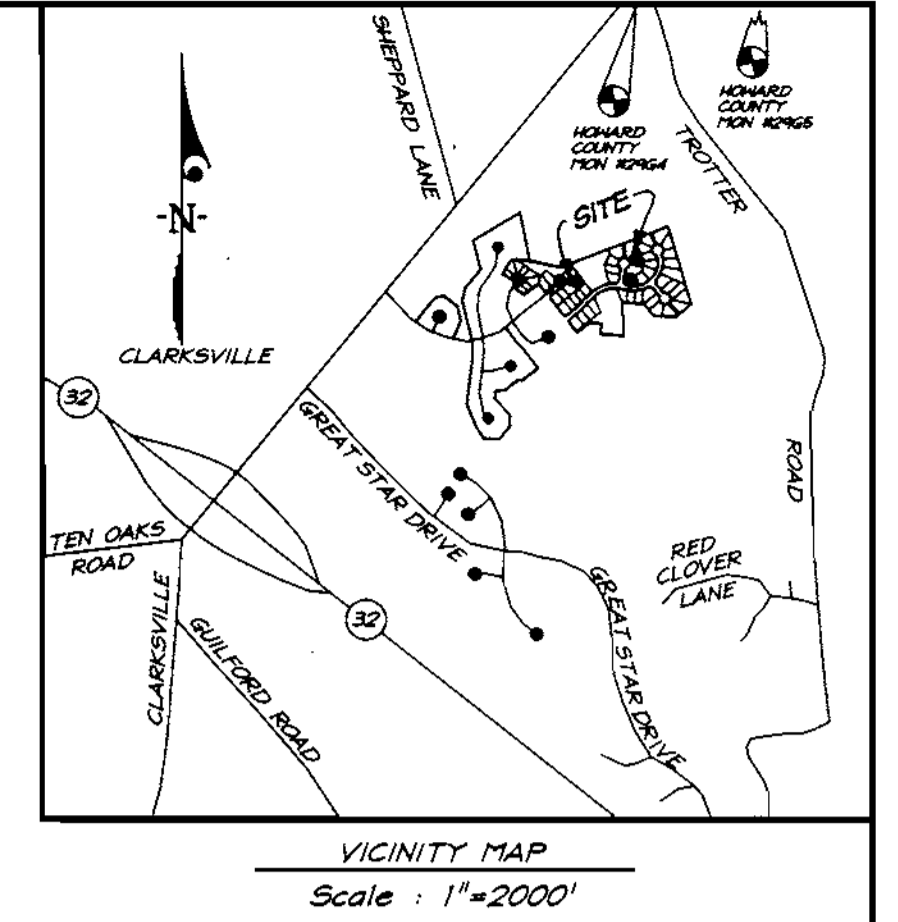


**LEGEND**  
 CONTOUR INTERVAL 2 FT.  
 EXISTING CONTOUR  
 PROPOSED CONTOUR  
 DIRECTION OF DRAINAGE  
 WALK OUT BASEMENT  
 SPOT ELEVATION

**BENCHMARKS:**  
 Howard County Monument 2964  
 Intersection of MD Route 108 and Trotter Road  
 Howard County Monument 2965  
 on additional 2.541' Northeastly along MD Route 108 away from Site

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
28	5900 Hay Boat Court
30	5908 Hay Boat Court
45	1221 Linden Lathicum Lane



- GENERAL NOTES:**
- Subject property is zoned: NT per 10-18-93 Comprehensive Zoning Plan.
  - The total area included in this submission is : 0.9822 Acres.
  - The total number of lots included in this submission is : 3
  - Improvement to property : Single Family Detached
  - The maximum lot coverage permitted is : 30%
  - Department of Planning and Zoning reference file numbers : S-93-21, P-95-14, F-96-102, W-95-70, F-98-37.
  - Utilities shown as existing are taken from approved Water and Sewer plans Contract #34-3655-D, approved Road Construction plans F-98-37.
  - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
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  - The contractor shall notify the Department of Public Works/ Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours prior to the start of work.
  - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
  - For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R.6.03 & R.6.05.
  - In accordance with FDP-Phase 222-A Part VI bay windows or chimneys not more than 10 feet in width may project not more than 4 feet into any setbacks; porches and decks may project not more than 3 feet into the front or rear setbacks.
  - Stormwater Management is provided per : F-96-102.
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  - This plan has been prepared in accordance with provision of Section 16-124 of the Howard County Code and the Landscape Manual. Financial Surety for the required 7 trees in the amount of \$1500.00 is part of the builders Grading Permit Application.
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**SHEET INDEX**

DESCRIPTION	SHEET No.
SITE DEVELOPMENT PLAN	1 of 2
SEDIMENT AND EROSION CONTROL PLAN	2 of 2

**OWNER / DEVELOPER**  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

**SPECIAL NOTES:**  
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SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
VILLAGE OF RIVER HILL	4/6	28, 30, AND 45
PLAT NO. 13506	BLOCK NO. 1	ZONE NT
TAX MAP NO. 35	ELECTION DIST. 5th	CENSUS TRACT 6085
WATER CODE 1-10	SEWER CODE 6653000	

**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED DM	SITE DEVELOPMENT PLAN LOTS 28, 30 AND 45	SCALE 1" = 30'
DRAWN DSV	<b>COLUMBIA VILLAGE OF RIVER HILL</b> SECTION 4 AREA 6 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 1 of 3
CHECKED DM		JOB NO. 99-101
DATE 7-20-99	FOR: RYLAND GROUP, INC. 7260 Parkway Drive Hanover, Maryland 21076	FILE NO. 99-101X

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

Category	Adjacent to Roadways	LOT 28
Landscape Type	B	
Frontage/Perimeter		185'
Number of Plants Required		
Shade Trees (1/50)		3
Evergreen Trees (1/40)		4
Shrubs		3
Number of Plants Provided		
Shade Trees		4
Evergreen Trees		4
Surety Amounts		\$1500

**PLANT SCHEDULE**

KEY	PLANT NAME	SIZE	QUAN.	REMARK
(A)	ACER RUBRUM	OCTOBER GLORY	2 1 1/2"-1 1/2" CAL.	3
(B)	OCTOBER GLORY MAPLE	12"-14" HT.	3	Heavy
(C)	PINUS STROBUS	WHITE PINE	6"-8" HT.	4

**NOTES:**  
 1. All plant materials shall be full and heavy, be well formed and symmetrical, conform to the most current ANS specifications and be installed in accordance with HRD planting specifications.  
 2. Contractor shall verify location of all underground utilities prior to digging.  
 3. Final location of plant material may need to vary to meet final field conditions. Trees shall not be planted in the bottom of drainage swales.

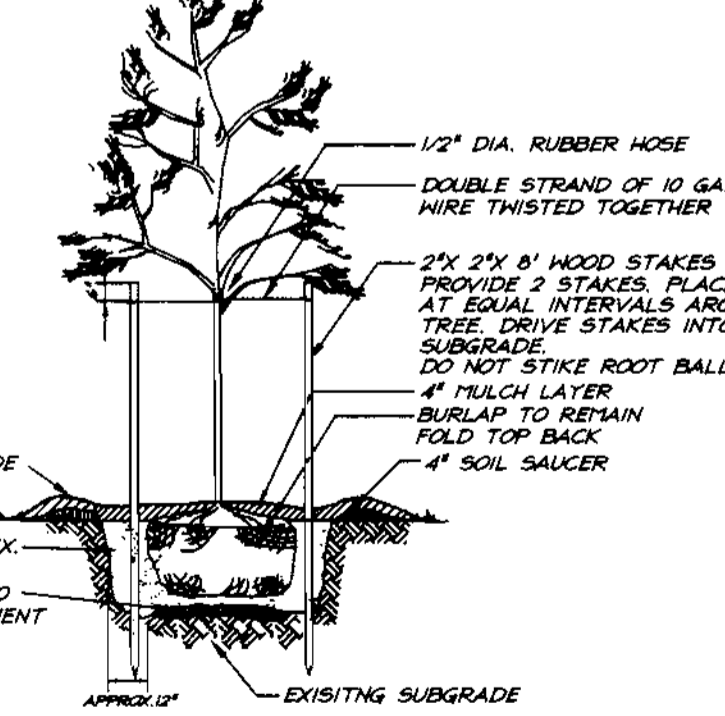
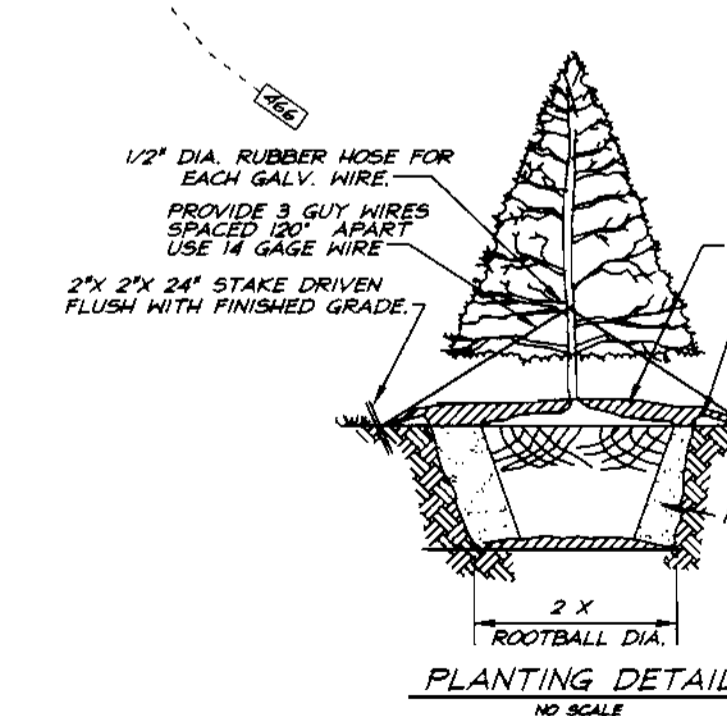
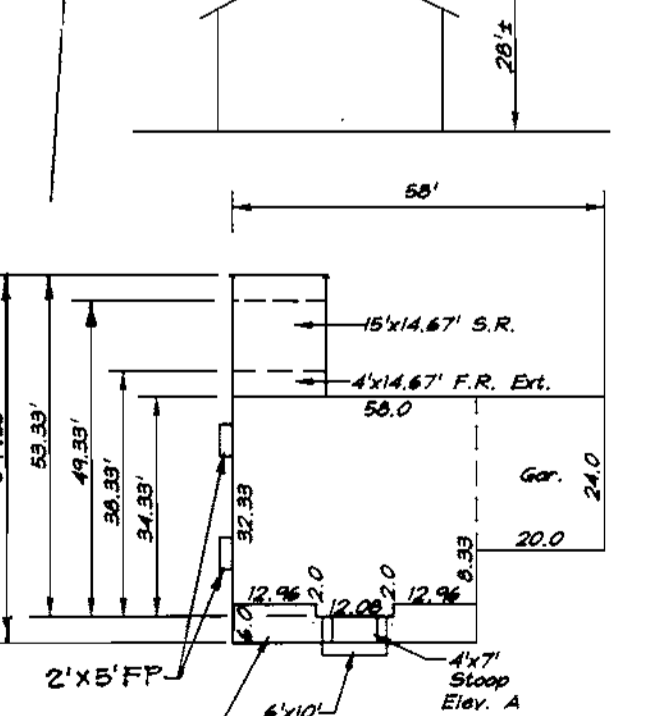
**DEVELOPER'S/BUILDERS CERTIFICATE**  
 I/We certify that the landscaping shown on this plan will be done according to plan, section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion a Certificate of Landscape Installation, accompanied by an executed one year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Name: \_\_\_\_\_ Date: 7-29-99

APPROVED: DEPARTMENT OF PLANNING & ZONING  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 Cindy Hamilton  
 CHIEF DIVISION OF LAND DEVELOPMENT  
 11/4/99  
 11/5/99  
 11/6/99

**SOUTHILL**  
 2702.32 SF 2821.08 SF  
 0.3 Min. Lot Size w/all Options  
 2820.32 SF 2704.41 SF  
 0.3 Min. Lot Size w/all Options w/Opt. 10'x16' Deck

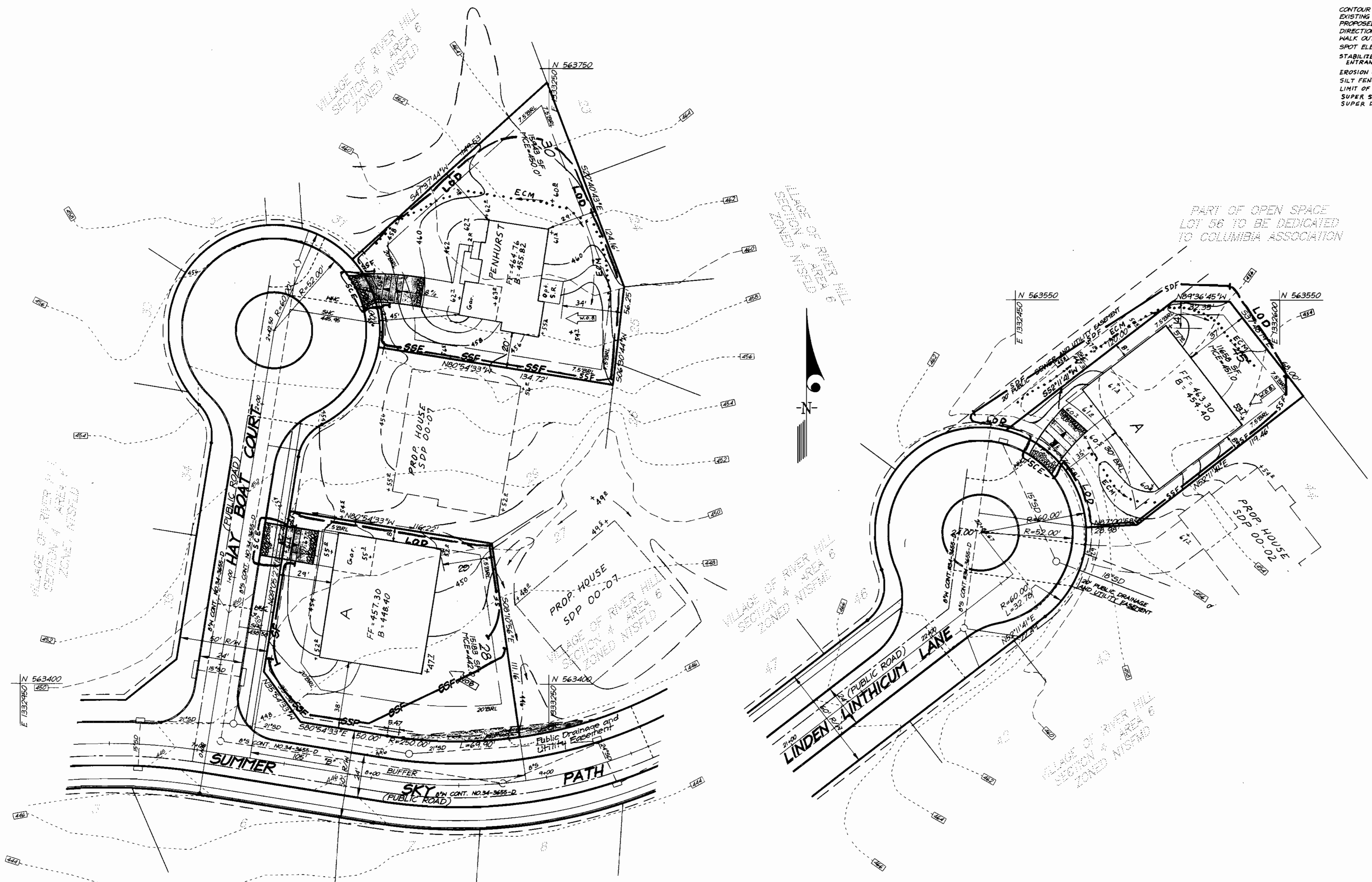
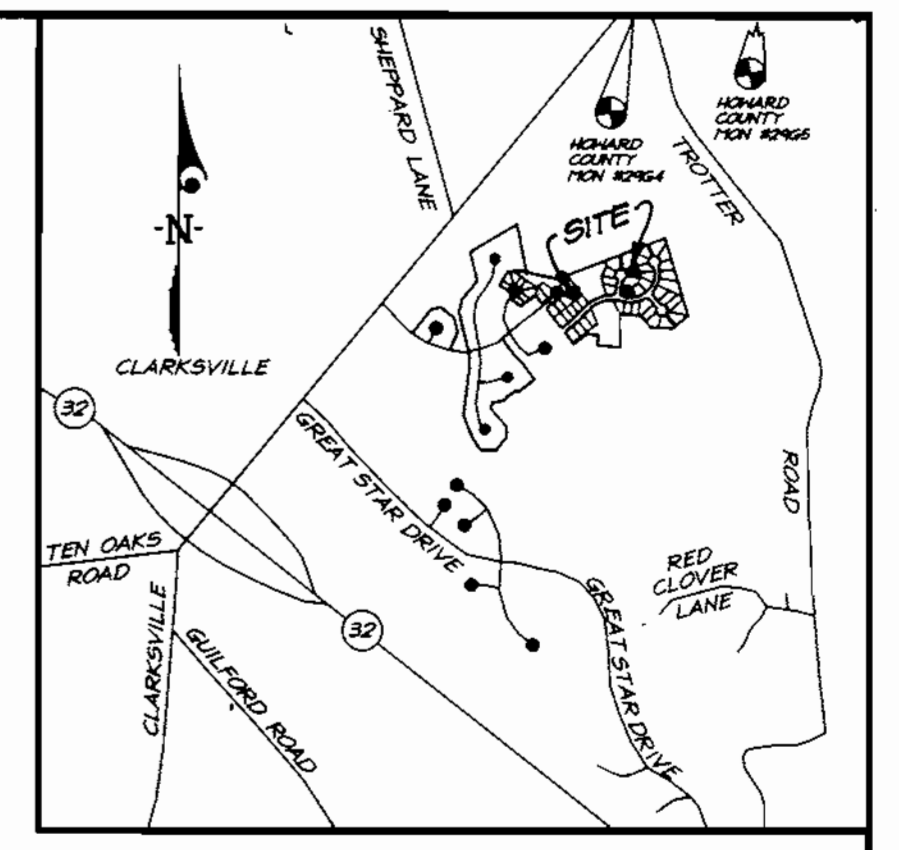
**HAMILTON II**  
 2235.27 SF 7450.80 SF  
 0.3 Min. Lot Size w/all Options  
 2205.27 SF 7084.25 SF  
 0.3 Min. Lot Size w/all Options w/Opt. 10'x16' Deck



**LEGEND**

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
DIRECTION OF DRAINAGE	→
WALK OUT BASEMENT	---
SPOT ELEVATION	+ 78.4
STABILIZED CONSTRUCTION ENTRANCE	---
EROSION CONTROL MATTING	ECM
SILT FENCE	SF
LIMIT OF DISTURBED AREA	L.D.A.
SUPER SILT FENCE	SSF
SUPER DIVERSION FENCE	SDF

**BENCHMARKS:**  
 Howard County Monument 2964  
 Intersection of MD. Route 108 and Trotter Road  
 Howard County Monument 2965  
 an additional 2,544' Northeastly along MD. Route 108 away from Site



APPROVED DEPARTMENT OF PLANNING & ZONING  
 Chief, Development Engineering Division  
 Chief, Division of Land Development  
 Director

Reviewed for Howard S.C.D. and meets Technical Requirements.  
 Signature: *Cheryl Simmonds* Date: 10/29/99  
 U.S. Natural Resources Conservation Service  
 This Development Plan is Approved For Soil Erosion and Sediment Control By The Howard Soil Conservation District  
 Signature: *John Miller* Date: 10/29/99

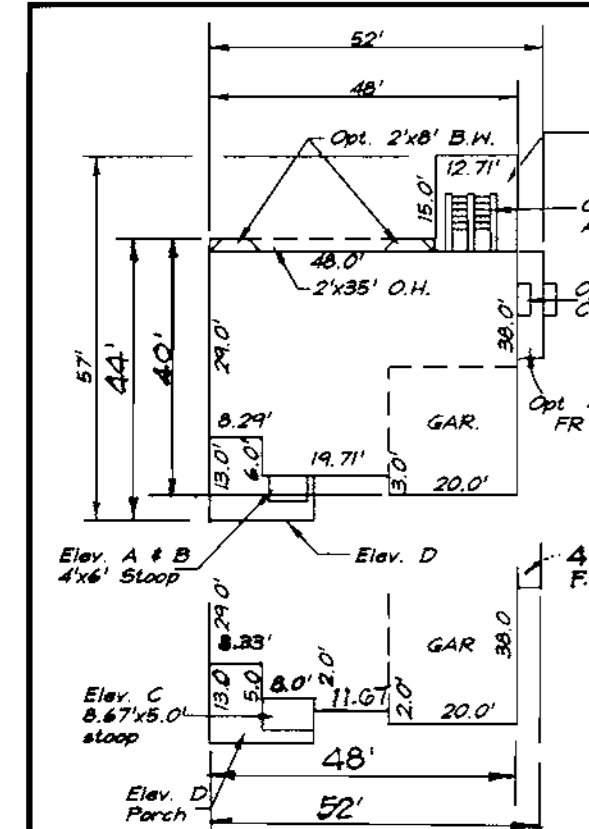
**DEVELOPER'S/BUILDERS CERTIFICATE**  
 "We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of the Environment 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 agencies, as are deemed necessary."  
 Signature of Developer/Builder: *G. Nelson Clark* Date: 7-29-99

**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.  
 Signature: *G. Nelson Clark* Date: 8-2-99

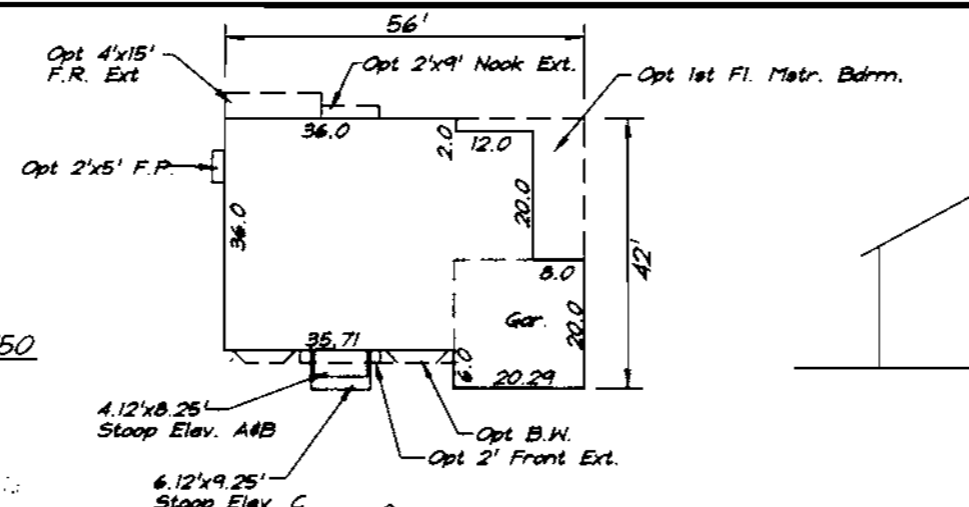


<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS		
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED PC	<b>SEDIMENT AND EROSION CONTROL PLAN</b> LOTS 28, 30 AND 45  <b>COLUMBIA VILLAGE OF RIVER HILL</b> SECTION 4 AREA 6 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN DSV		DRAWING 2 of 3
CHECKED PC		JOB NO. 99-101
DATE 7-29-99		FILE NO. 99-101SE
FOR: RYLAND GROUP, INC. 7250 Parkway Drive Hanover, Maryland 21076		

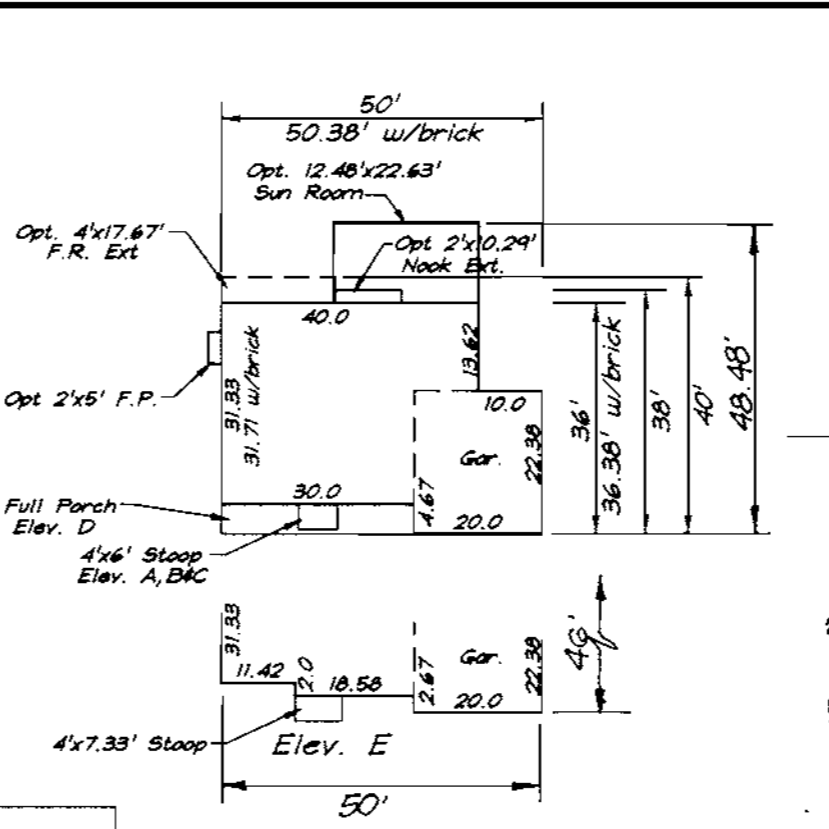




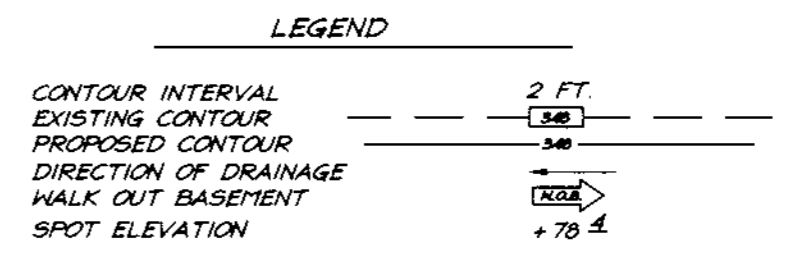
**HAWTHORNE II**  
 2231.80 SF - 7430.03 SF  
 0.3 Min. Lot Size  
 w/all Options



**WINDSOR**  
 2035.27 SF - 7784.23 SF  
 0.3 Min. Lot Size  
 w/all Options

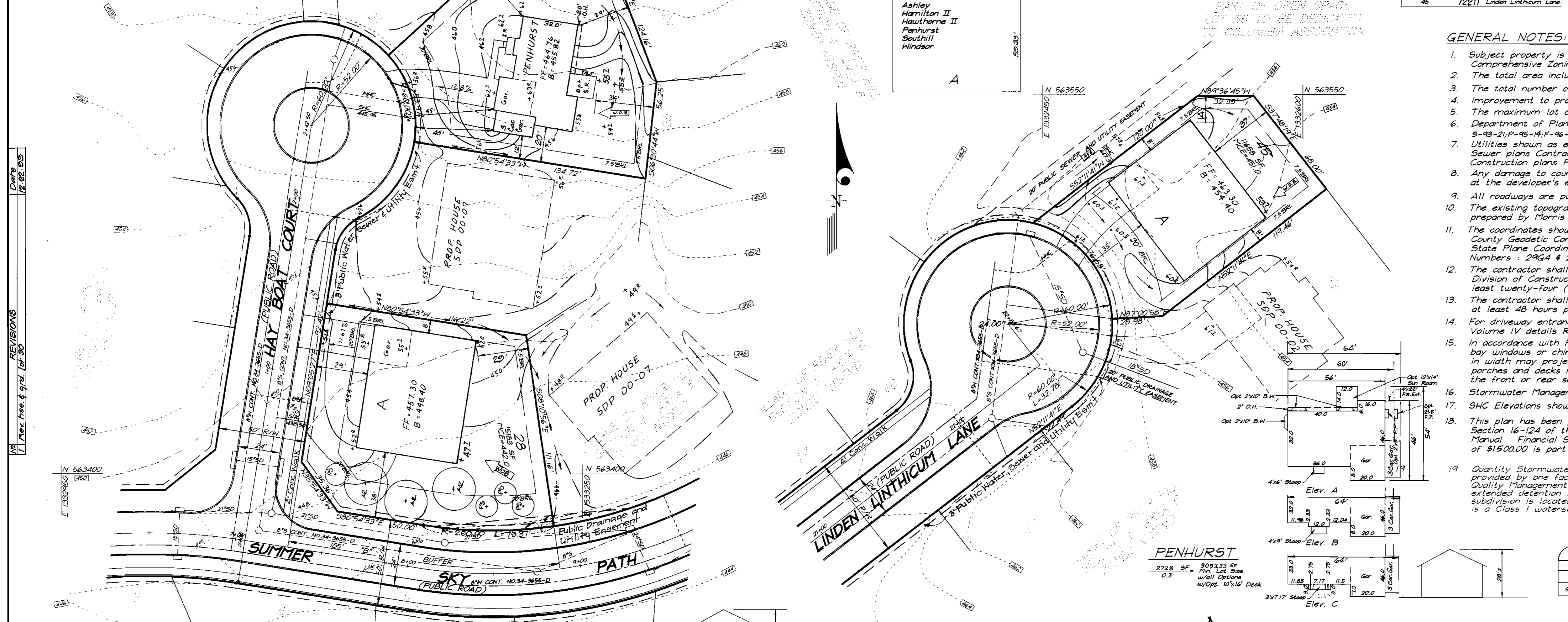
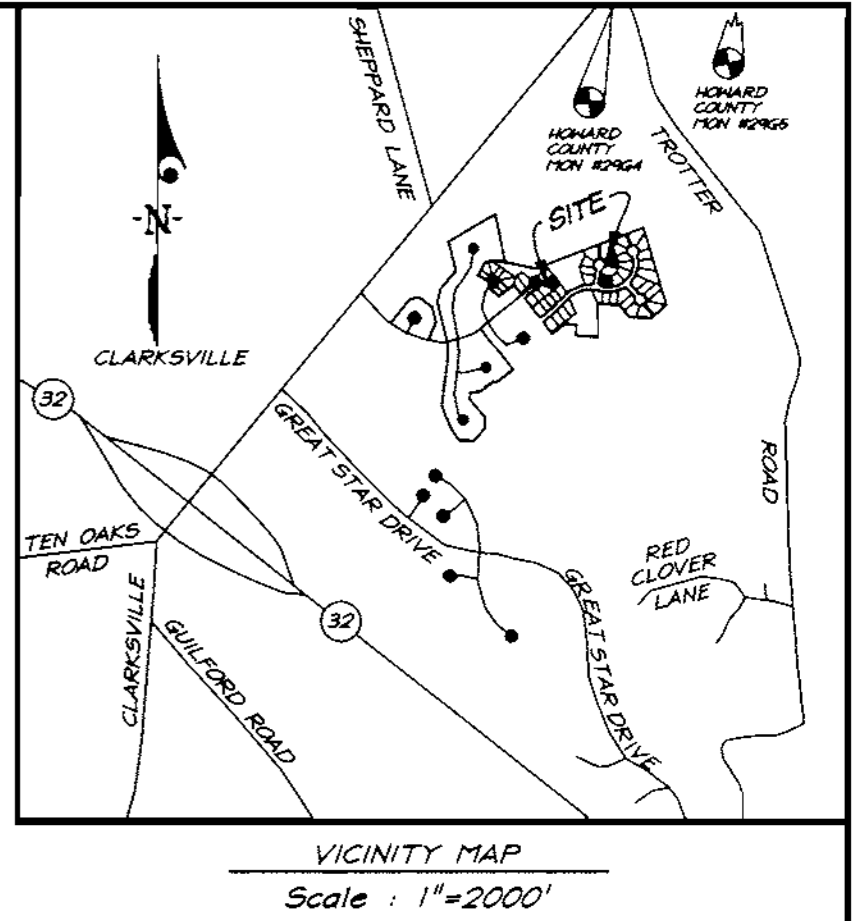


**ASHLEY**  
 2026.90 SF - 7782.34 SF  
 0.3 Min. Lot Size  
 w/all Options



**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
28	5000 Hay Boat Court
30	5008 Hay Boat Court
45	1221 Linden Linthicum Lane



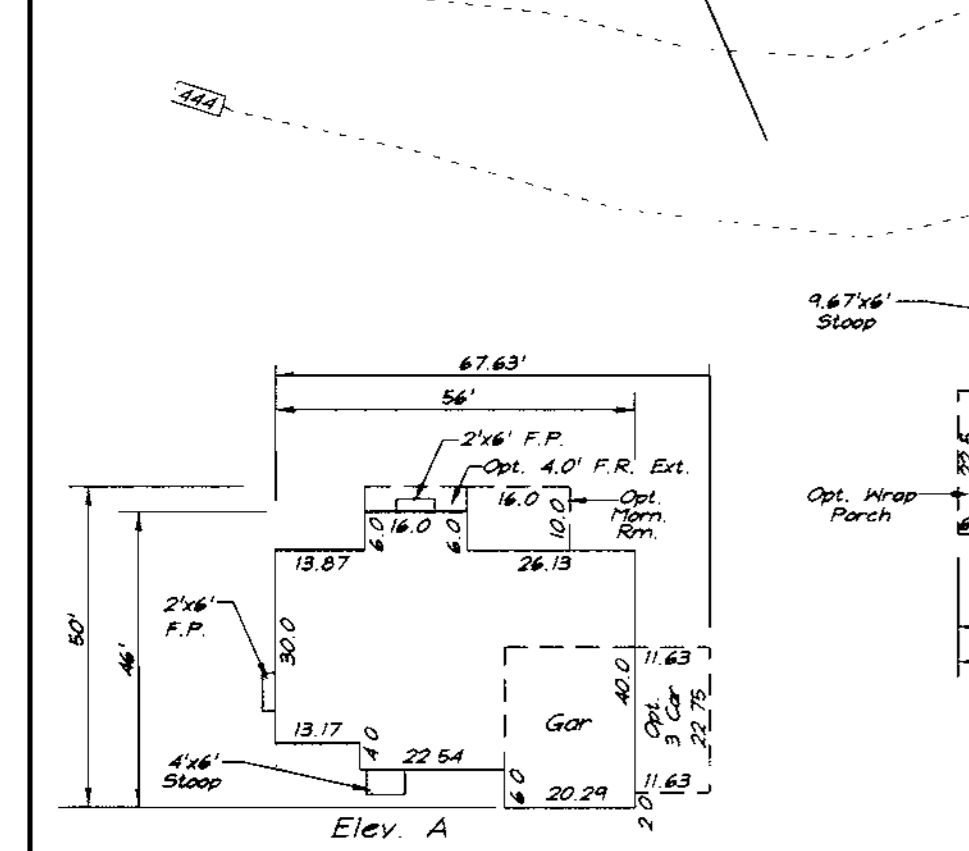
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- Subject property is zoned: NT per 10-18-93 Comprehensive Zoning Plan.
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  - The total number of lots included in this submission is : 3
  - Improvement to property : Single Family Detached
  - The maximum lot coverage permitted is : 30%
  - Department of Planning and Zoning reference file numbers : 5-93-21-P-95-14; F-96-102; WP-95-70, F-98-37.
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**SHEET INDEX**

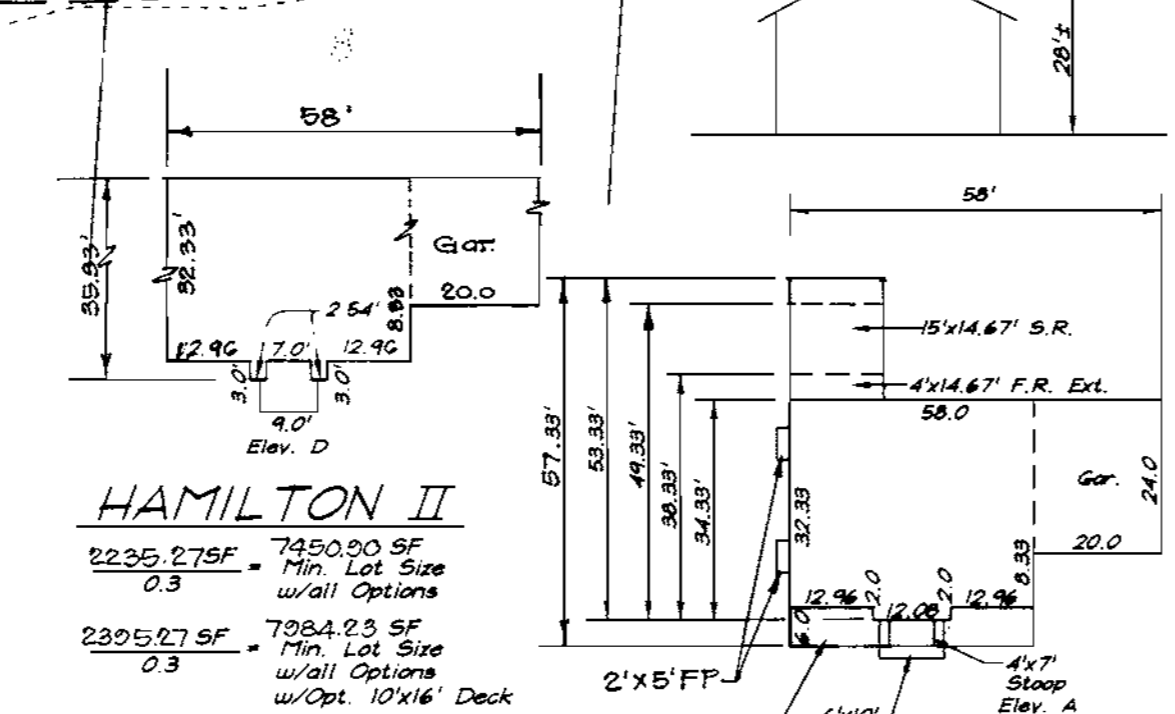
DESCRIPTION	SHEET No.
SITE DEVELOPMENT PLAN	1 of 2
SEDIMENT AND EROSION CONTROL PLAN	2 of 2

**OWNER / DEVELOPER**  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

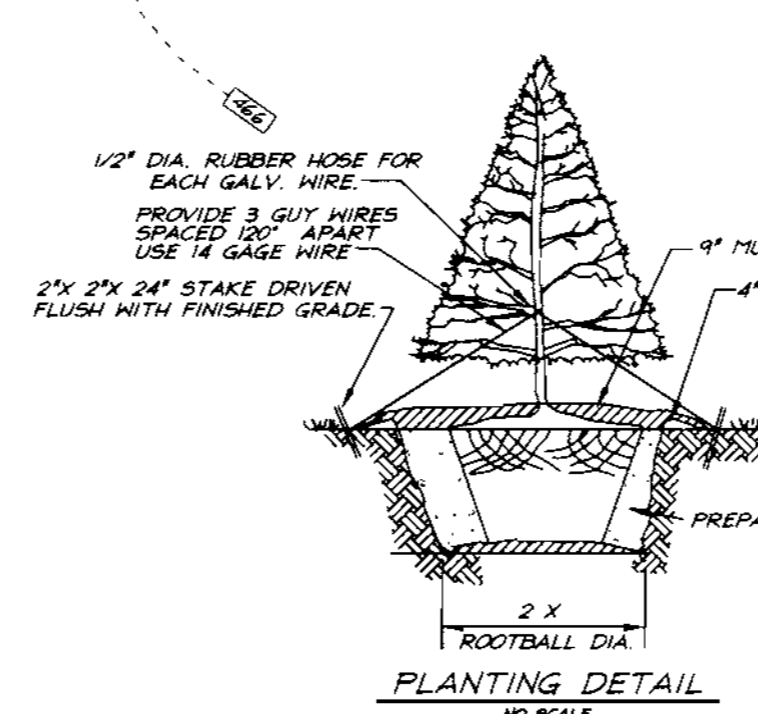
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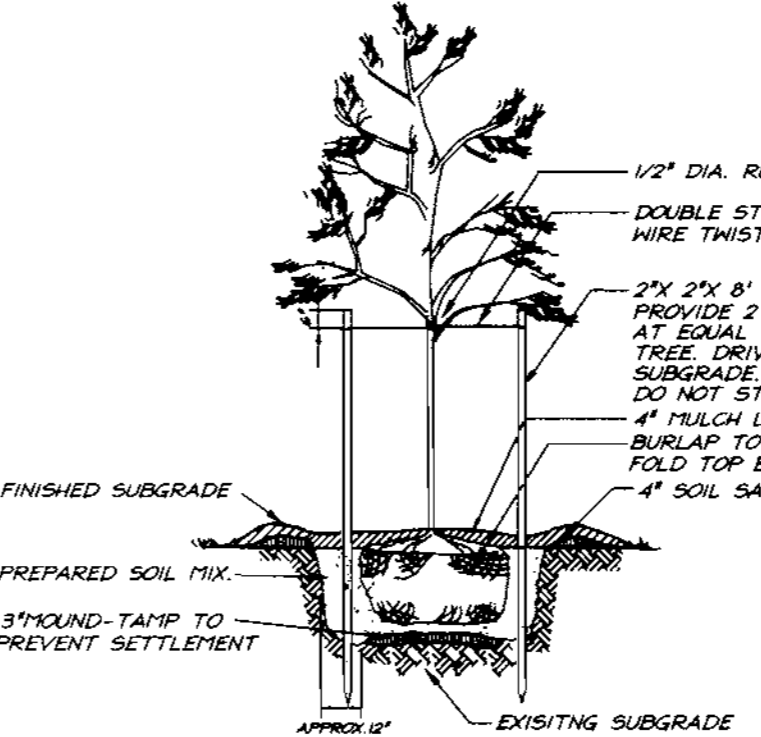
**SOUTH HILL**  
 2700.92 SF - 9231.09 SF  
 0.3 Min. Lot Size  
 w/all Options



**HAMILTON II**  
 2235.27 SF - 7430.03 SF  
 0.3 Min. Lot Size  
 w/all Options



PLANTING DETAIL  
 NO SCALE



PLANTING DETAIL  
 NO SCALE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

Category	Adjacent to Roadways	LOT 28
Landscape Type	B	
Frontage/Perimeter		195'
Number of Plants Required		
Shade Trees (1/50)		3
Evergreen Trees (1/40)		4
Shrubs		
Number of Plants Provided		
Shade Trees		3
Evergreen Trees		4
Surety Amounts		\$1500

**PLANT SCHEDULE**

KEY	PLANT NAME	SIZE	QUAN.	REMARK
(A)	ACER RUBRUM OCTOBER GLORY	2 1/2" x 8" CAL	3	Heavy
(B)	OCTOBER GLORY MAPLE	12-14" HT.	3	Heavy
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Name: *[Signature]* Date: 7-29-99

APPROVED: DEPARTMENT OF PLANNING & ZONING  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
*[Signature]* 11/4/99  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
*[Signature]* 11/5/99  
 DIRECTOR  
*[Signature]* 11/5/99

**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

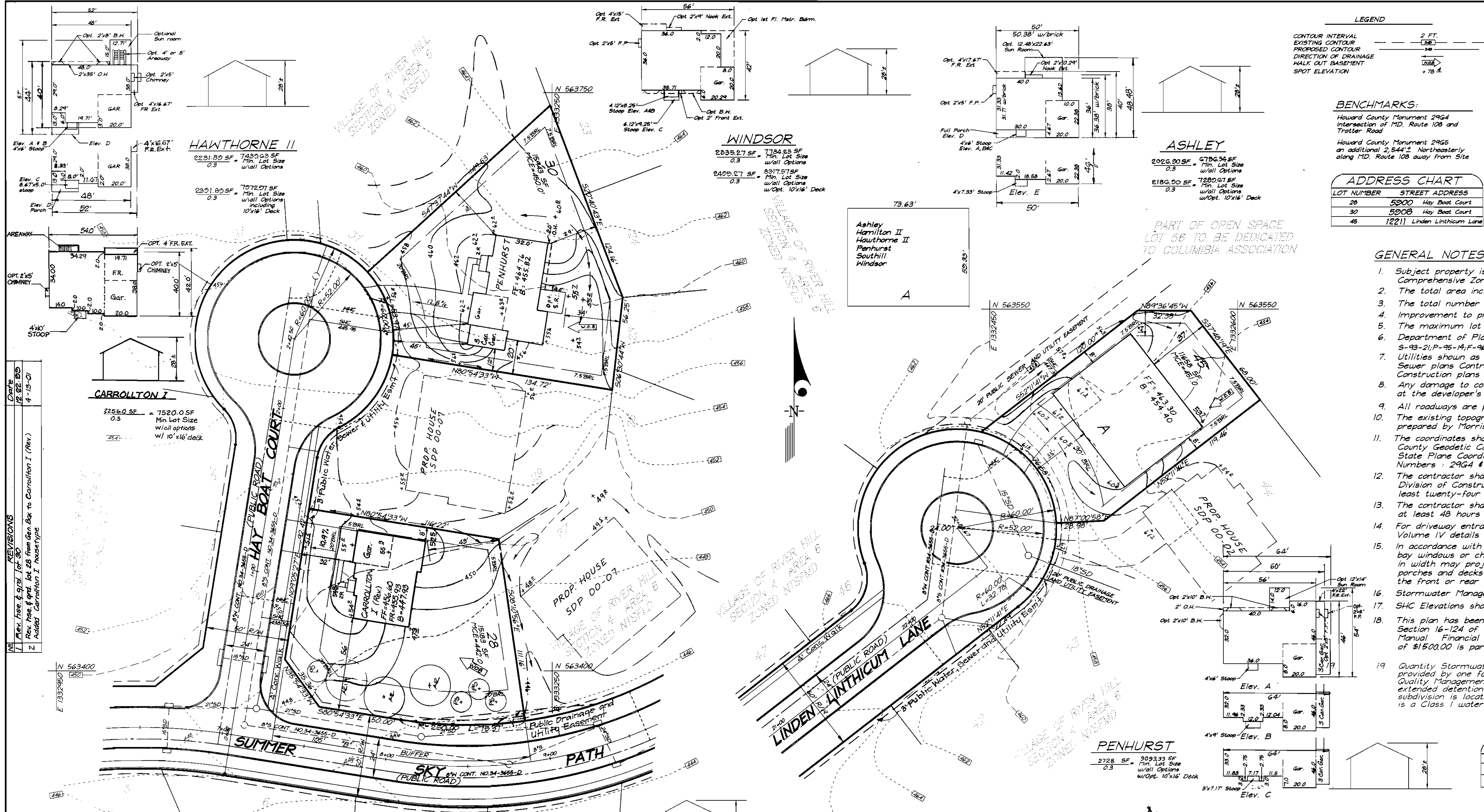
**COLUMBIA VILLAGE OF RIVER HILL**  
 SECTION 4 AREA 6  
 FIFTH (5th) ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: RYLAND GROUP, INC.  
 7250 Parkway Drive  
 Hanover, Maryland 21076

DATE: 7-29-99

SCALE: 1" = 30'  
 DRAWING: 1 of 3  
 JOB NO.: 99-101  
 FILE NO.: 99-101X



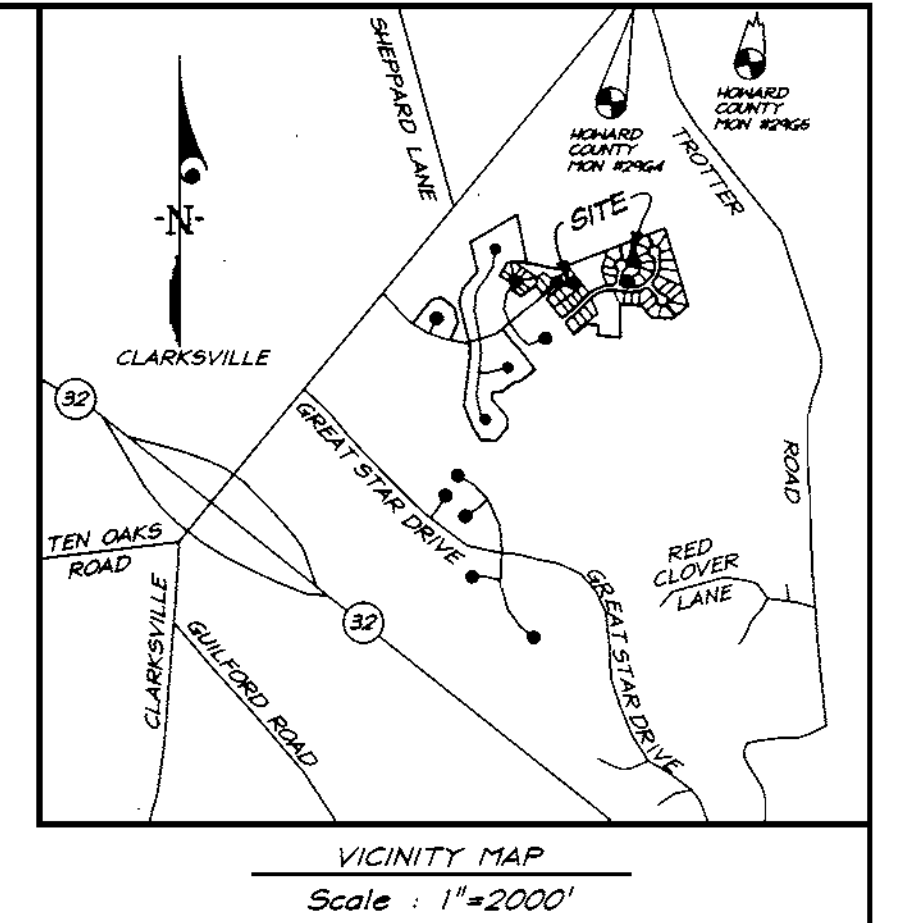


**LEGEND**  
 CONTOUR INTERVAL: 2 FT.  
 EXISTING CONTOUR: [Symbol]  
 PROPOSED CONTOUR: [Symbol]  
 DIRECTION OF DRAINAGE: [Symbol]  
 WALK OUT BASEMENT: [Symbol]  
 SPOT ELEVATION: [Symbol]

**BENCHMARKS:**  
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 on additional 2.541' Northwesterly along MD. Route 108 away from Site

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45	12211 Linden Linthicum Lane



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SEDIMENT AND EROSION CONTROL PLAN	2 of 2

**OWNER / DEVELOPER**  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

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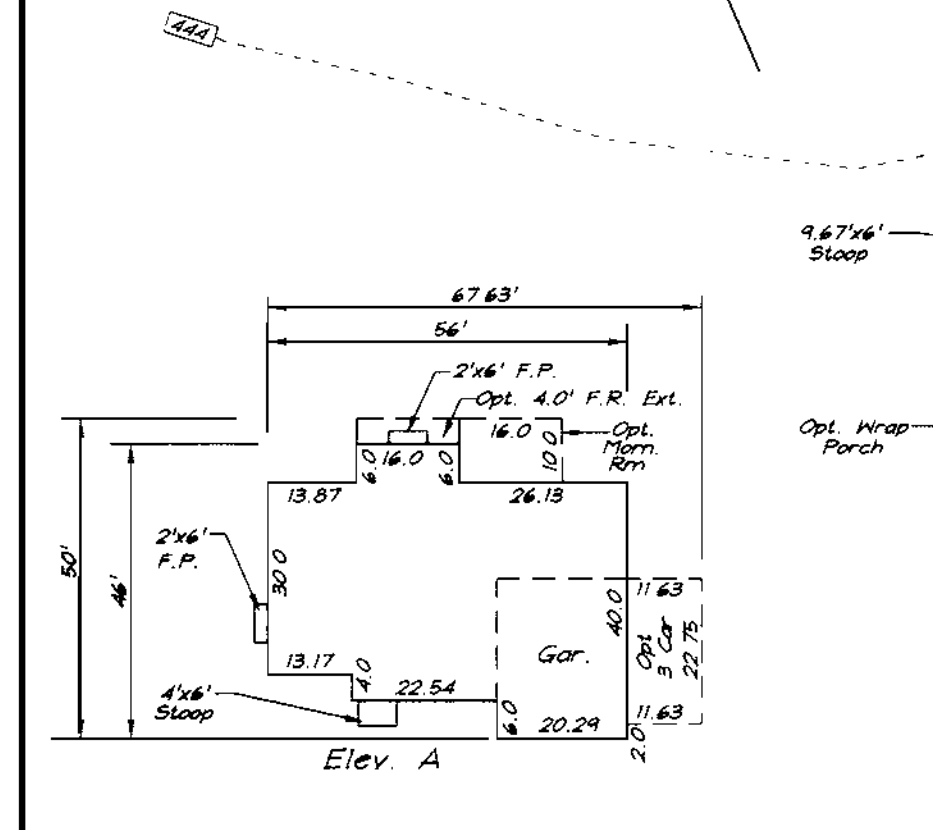
**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 7135 MINTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

**DESIGNED** DM  
**DRAWN** DSV  
**CHECKED** DM  
**DATE** 7-20-99

**SITE DEVELOPMENT PLAN**  
 LOTS 28, 30 AND 45  
**COLUMBIA VILLAGE OF RIVER HILL**  
 SECTION 4 AREA 6  
 FIFTH (5th) ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

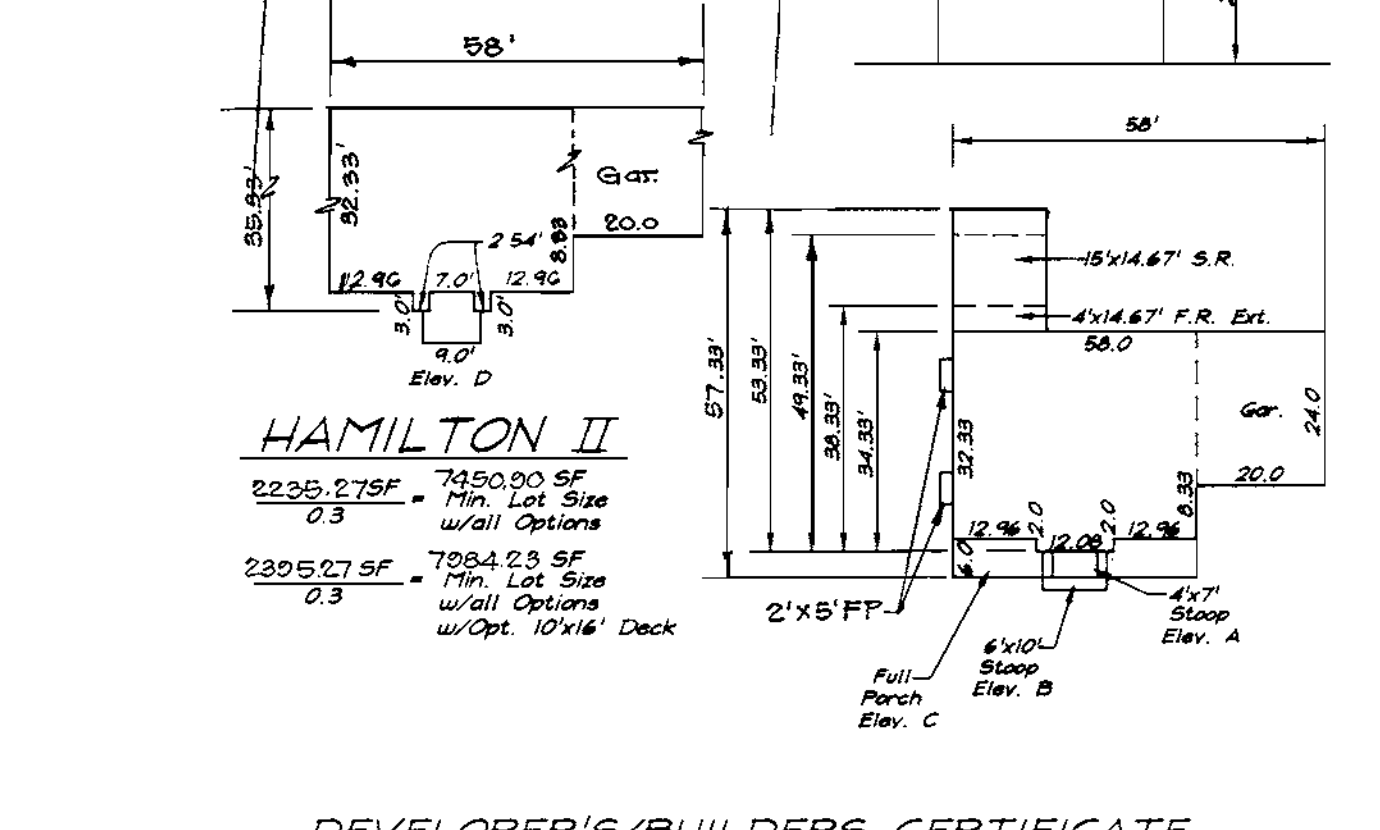
**SCALE** 1" = 30'  
**DRAWING** 1 of 3  
**JOB NO.** 99-101  
**FILE NO.** 99-101X

FOR: RYLAND GROUP, INC.  
 7280 Parkway Drive  
 Hanover, Maryland 21076



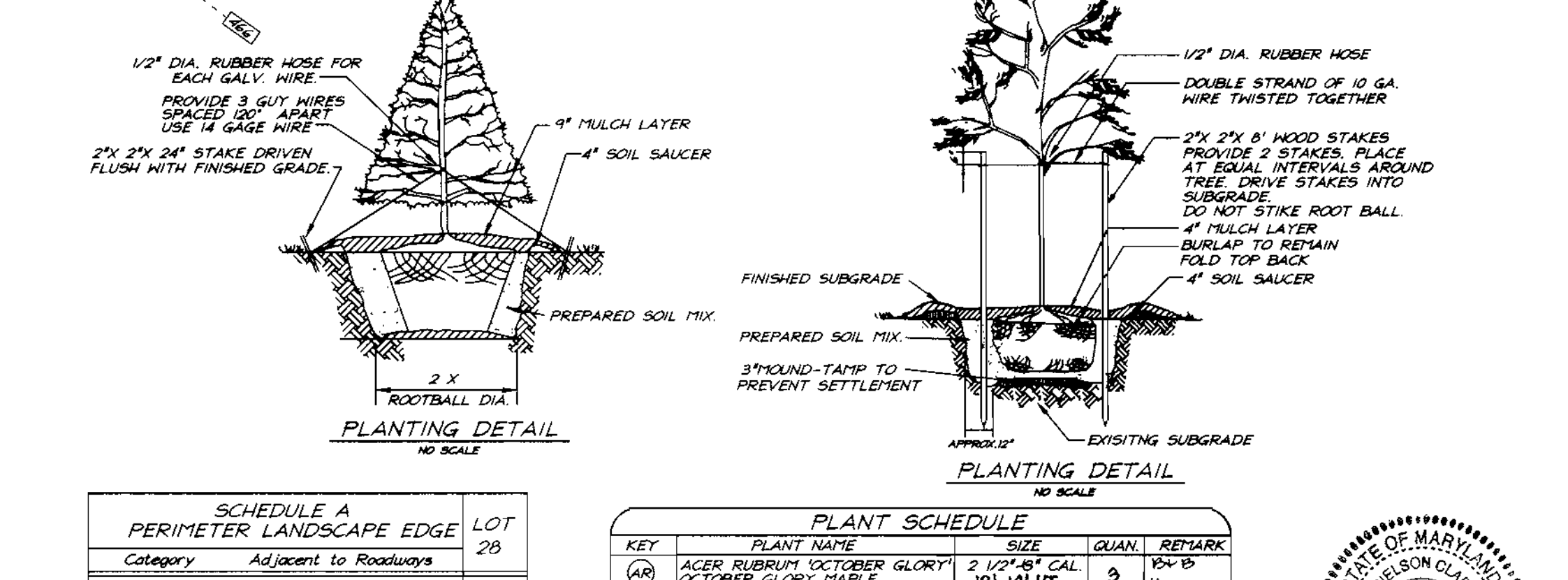
**APPROVED:** DEPARTMENT OF PLANNING & ZONING  
 DATE: 11/15/99  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 CHIEF, DIVISION OF LAND DEVELOPMENT

**SOUTH HILL**  
 2700.92 SF = 9231.08 SF  
 0.3 Min. Lot Size w/all Options  
 2020.82 SF = 6704.11 SF  
 0.3 Min. Lot Size w/all Options w/Opt. 10'x16' Deck



**HAMILTON II**  
 2826.27 SF = 7450.00 SF  
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 Name: [Signature] Date: 7-29-99



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Evergreen Trees (1/40)		4
Shrubs		4
Number of Plants Provided		
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Surety Amounts		\$1500

**PLANT SCHEDULE**

KEY	PLANT NAME	SIZE	QUAN.	REMARK
(AR)	ACER RUBRUM OCTOBER GLORY	2 1/2" x 4" CAL. 12'-14" HT.	3	Heavy
(PS)	PINUS STROBUS WHITE PINE	6'-8" HT.	4	Pl + D Heavy

**NOTES:**  
 1. All plant materials shall be full and heavy, be well formed and symmetrical, conform to the most current ANSI specifications and be installed in accordance with HRD planting specifications.  
 2. Contractor shall verify location of all underground utilities prior to digging.  
 3. Final location of plant material may need to vary to meet final field conditions. Trees shall not be planted in the bottom of drainage swales.

