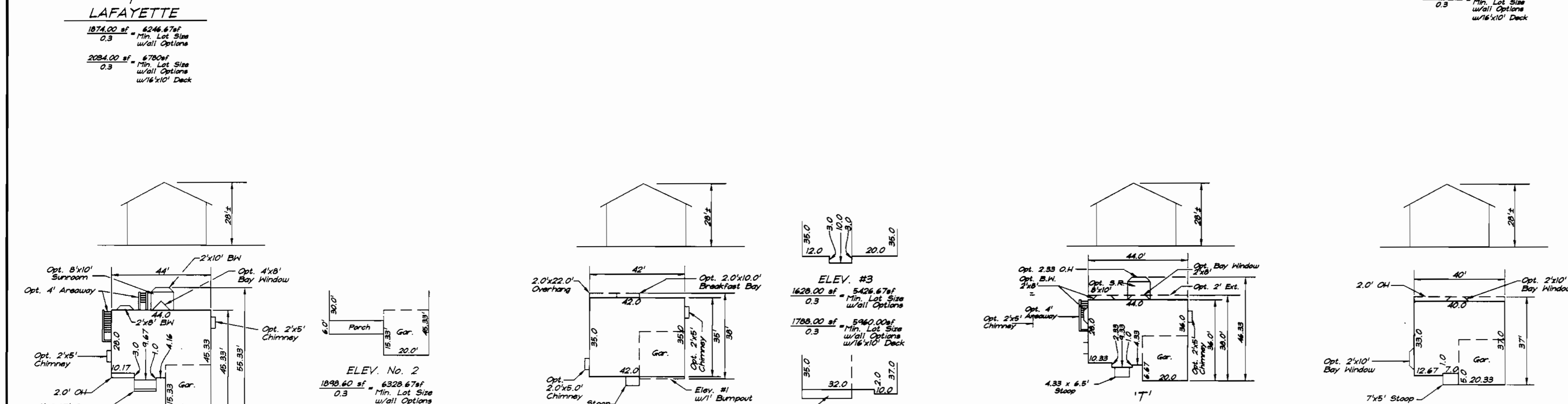
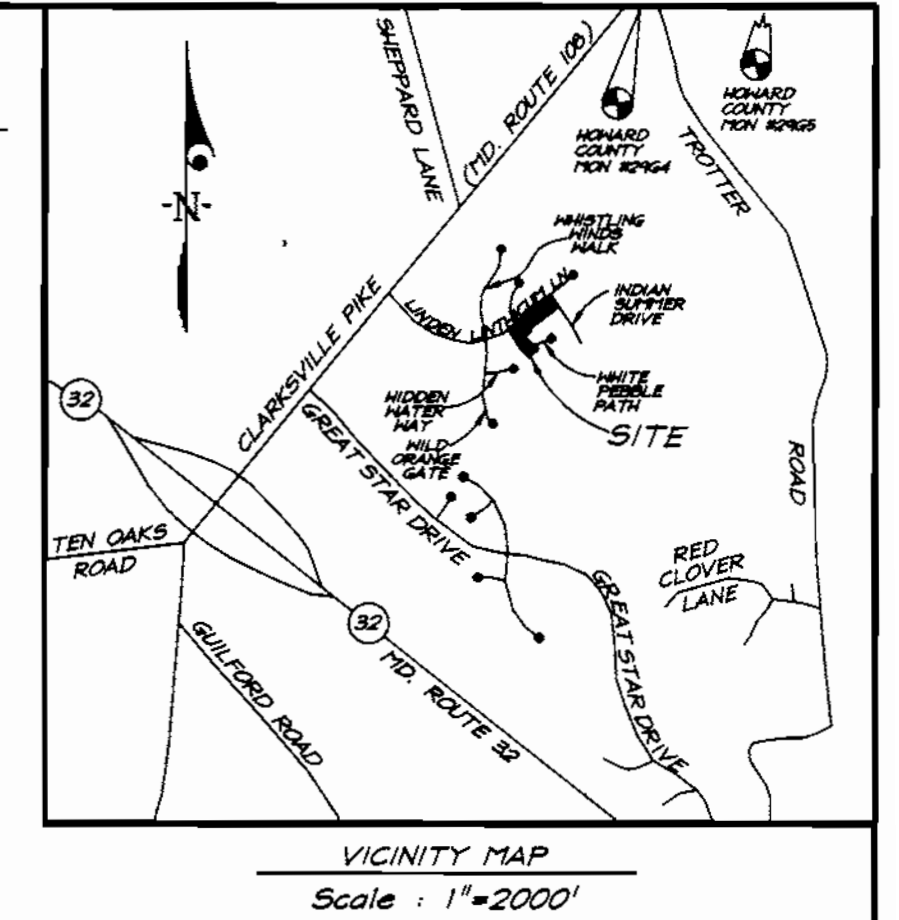
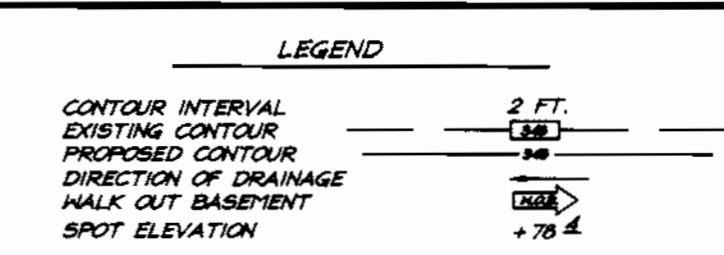


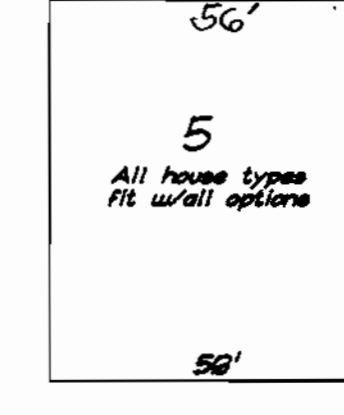
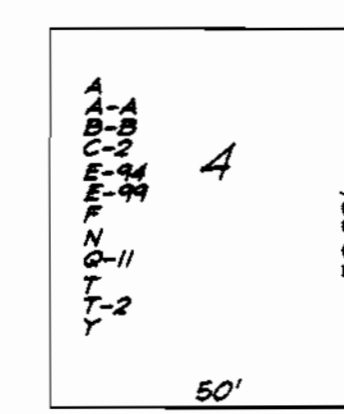
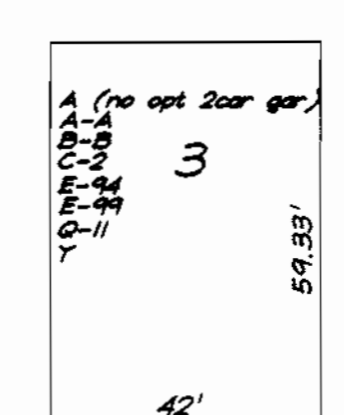
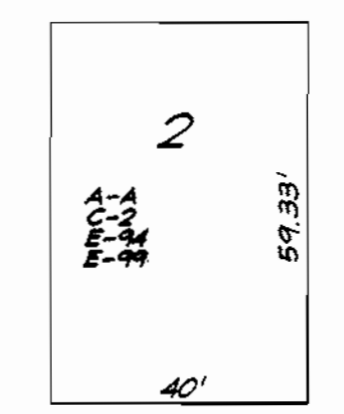
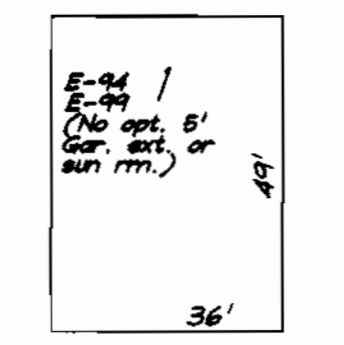
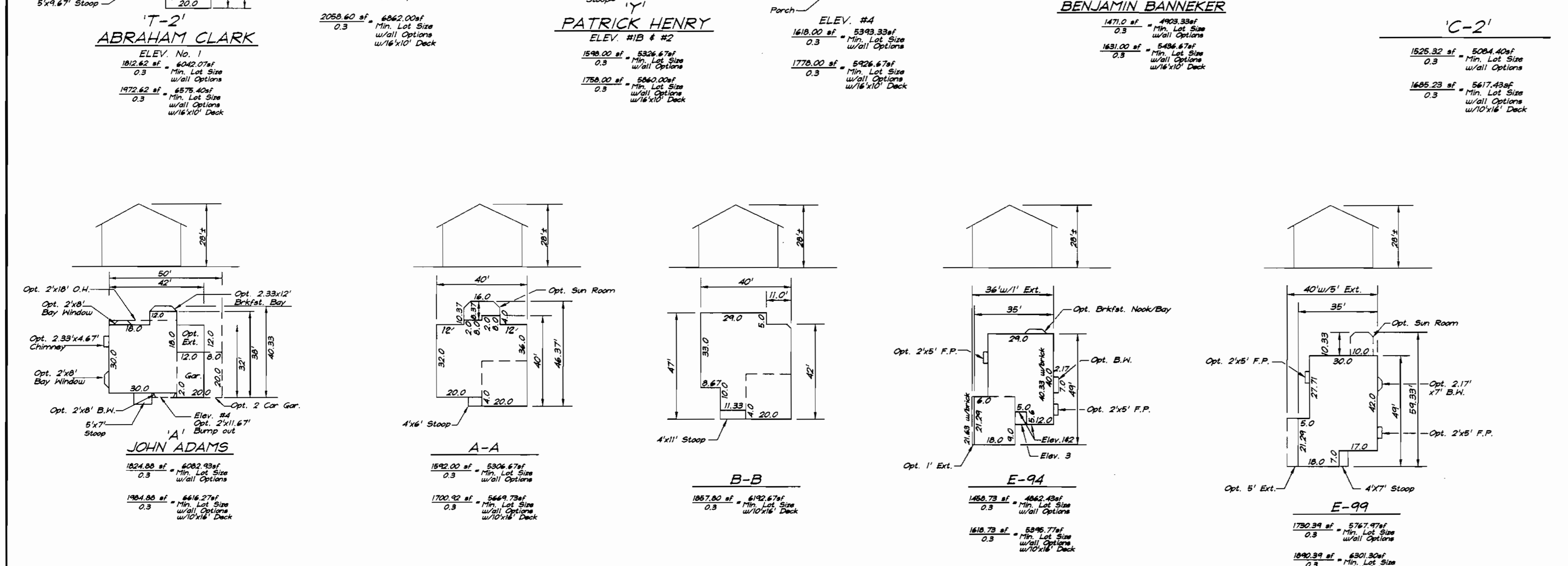
BENCHMARKS:
 Howard County Monument 2964
 Intersection of MD. Route 108 and Trotter Road
 Howard County Monument 2965
 on additional 2,544' Northeastly along MD. Route 108 away from Site



ADDRESS CHART

LOT NUMBER	STREET ADDRESS
72	12186 Linden Litchicum Lane
73	12182 Linden Litchicum Lane
74	12188 Linden Litchicum Lane
75	12184 Linden Litchicum Lane
76	5807 White Pabbie Path
77	5805 White Pabbie Path
40	5816 White Pabbie Path
41	5812 White Pabbie Path
42	5808 White Pabbie Path
43	5804 White Pabbie Path
44	5800 White Pabbie Path

- GENERAL NOTES:**
- Subject property is zoned: NTSFMD per 10-18-93 Comprehensive Zoning Plan.
 - The total area included in this submission is: 1.759 Acres.
 - The total number of lots included in this submission is: 11
 - 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-95-12; F-96-102; WP-95-70
 - Utilities shown as existing are taken from approved Water and Sewer plans Contract #34-3586-D, approved Road Construction plans F-96-102, and actual field survey.
 - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - All roadways are public and existing.
 - The existing topography was taken from Road Construction Plans prepared by Morris & Ritchie Associates in January 1996.
 - The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers: 2964 & 2965
 - 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 and R.6.05
 - In accordance with FDP-Phase 222-A, Part V, 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. Aareways may not project into any setbacks.
 - SHC Elevations shown are at the Property lines.
 - Stormwater Management is provided per: F-96-102. Quantity Stormwater Management for Section 4, Area 5 is provided by three facilities; the refurbished SWM Pond #1 South of Linden Litchicum Lane (F-96-89), The culvert at Great Star Drive (F-96-110) and SWM Pond #4 in Section 4, Area 4 (F-96-130). Quality Management for this section will be provided by two facilities: a shallow trash facility at the end of Wild Orange Gate and an Extended Detention Facility within Pond #4 (F-96-130). The subdivision is located in the Patuxent River Area Sub-Basin and is a Class I Watershed.
 - 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 15 landscape trees in the amount of \$150.00 is part of the builder's grading permit application, for lots 72, 76 and 94.



SHEET INDEX

SHEET NO.	DESCRIPTION
1 of 3	SITE DEVELOPMENT PLAN/Landscape
3 of 3	SEDIMENT AND EROSION CONTROL PLAN

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

SPECIAL NOTES:
 This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-102 and/or approved Water and Sewer Plans Contract #34-3586-D.

SUBDIVISION NAME		SECTION/AREA	LOTS/PARCELS	
VILLAGE OF RIVER HILL		4/5	72-77 and 90-94	
PLAT NO.	BLOCK NO.	ZONE	TAX MAP NO.	ELECTION DIST.
12859	#12858	1	35	5th
CENSUS TRACT		6055		
WATER CODE		SEWER CODE		
1-10		6653000		

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

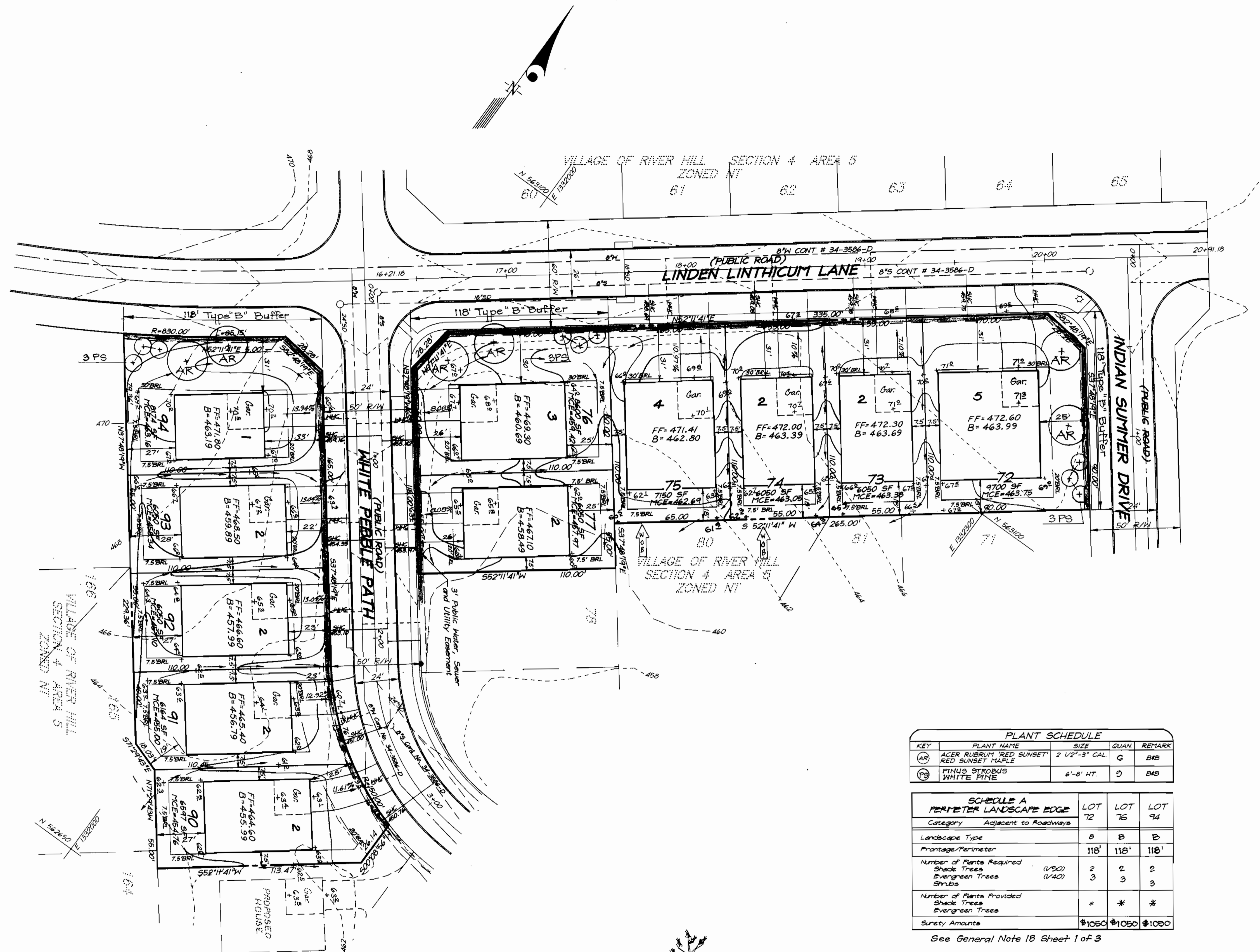
DESIGNED	SCALE
DM	1" = 30'
DRAWN	DRAWING
DV	1 of 3
CHECKED	JOB NO.
DM	99-002
DATE	FILE NO.
7-10-99	99-002X

SITE DEVELOPMENT PLAN
 LOTS 72-77 and 90-94
COLUMBIA
 VILLAGE OF RIVER HILL
 SECTION 4 AREA 5
 FIFTH (5th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: PATRIOT HOMES
 P.O. BOX 1018
 Columbia, Maryland 21044

APPROVED: DEPARTMENT OF PLANNING & ZONING
 [Signature] 9/12/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 9/14/99
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 9/20/99
 DIRECTOR





PLANT SCHEDULE			
KEY	PLANT NAME	SIZE	QUAN. REMARK
AR	ACER RUBRUM 'RED SUNSET'	2 1/2"-3" CAL.	6 B&B
	RED SUNSET MAPLE		
PS	PINUS STROBUS	6'-8" HT.	0 B&B
	WHITE PINE		

SCHEDULE A PERIMETER LANDSCAPE EDGE				
Category	Adjacent to Roadways	LOT 72	LOT 76	LOT 94
Landscape Type		B	B	B
Frontage/Perimeter		118'	118'	118'
Number of Plants Required				
Shade Trees (1/50)		2	2	2
Evergreen Trees (1/40)		3	3	3
Shrubs				
Number of Plants Provided		*	*	*
Shade Trees				
Evergreen Trees				
Surety Amounts		\$1050	\$1050	\$1050

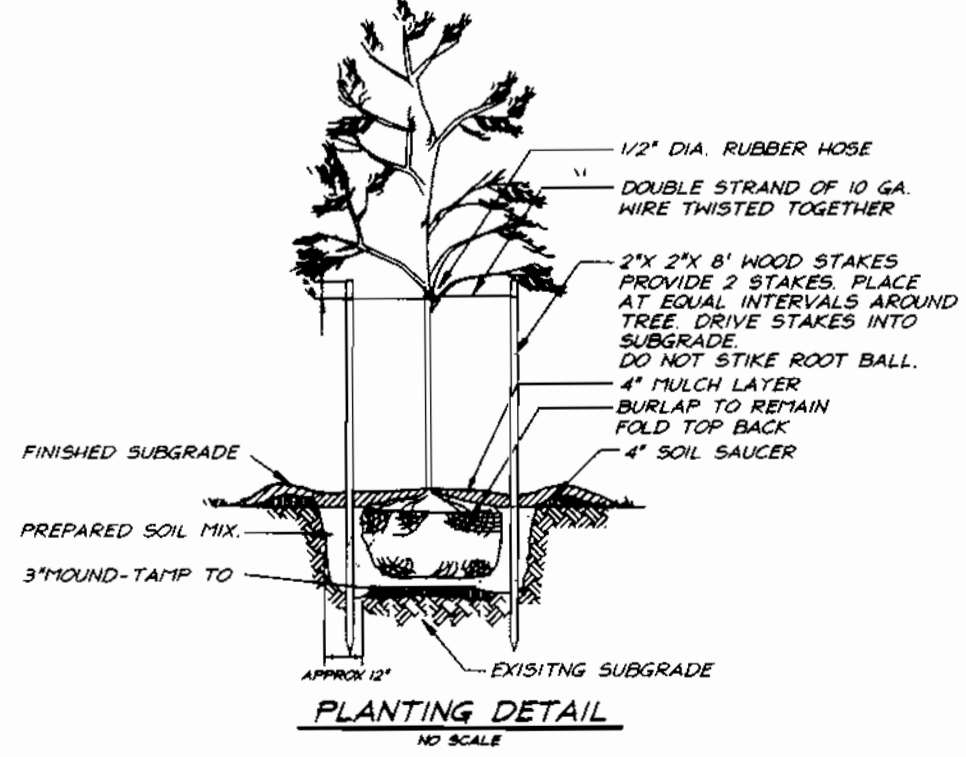
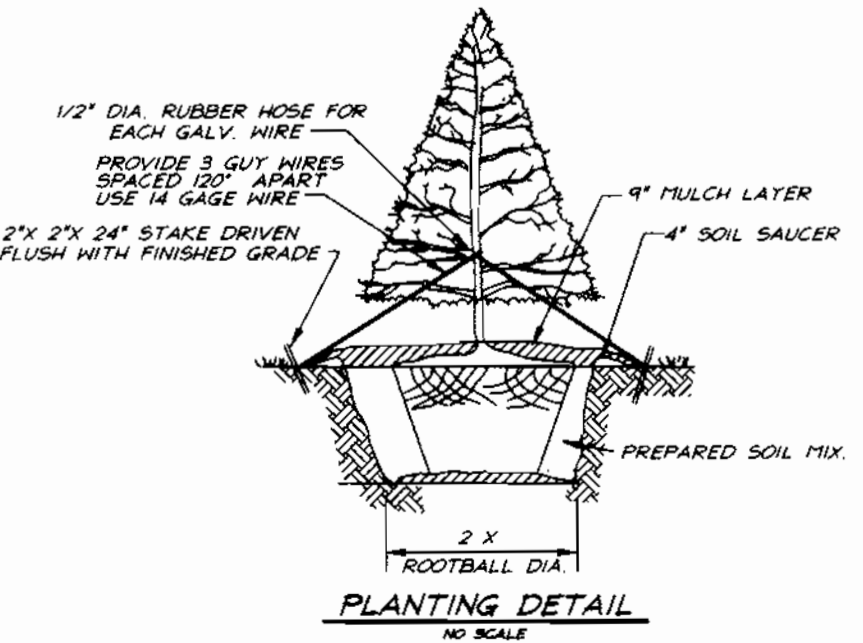
See General Note 18 Sheet 1 of 3

- NOTES:**
- All plant materials shall be full and heavy, be well formed and symmetrical, conform to the most current AAN specifications and be installed in accordance with HPO planting specifications.
 - Contractor shall verify location of all underground utilities prior to digging.
 - 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: R.W. Kunkle Date: 8-25-99



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

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 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 5 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN DV		DRAWING 2 of 3
CHECKED DM		JOB NO. 99-002
DATE 7-16-99		FILE NO. 99-002X
		FOR: PATRIOT HOMES P.O. BOX 1018 Columbia, Maryland 21044

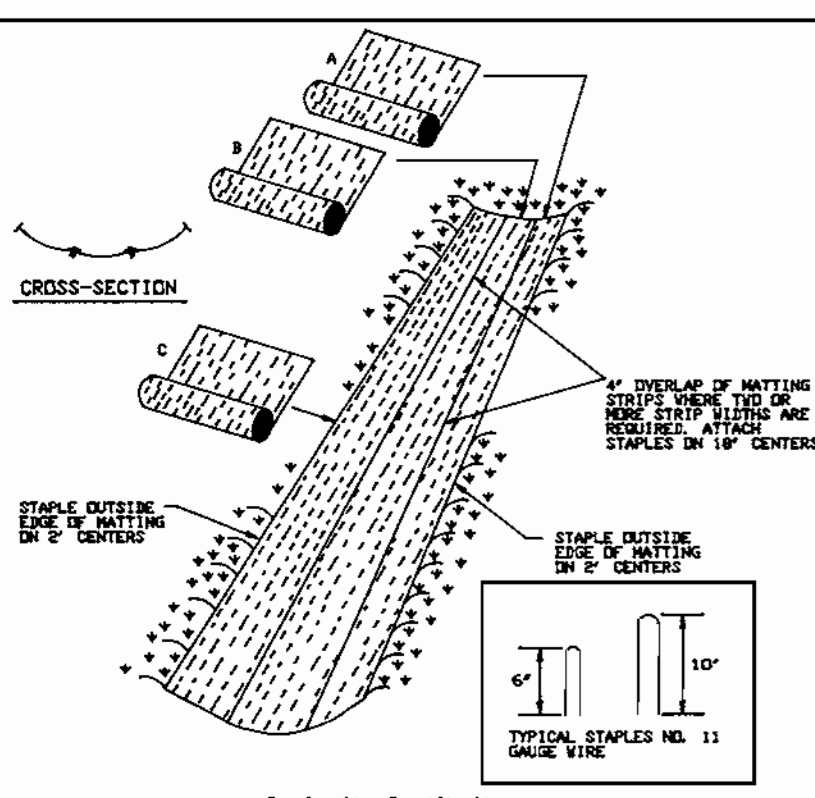
APPROVED: DEPARTMENT OF PLANNING & ZONING

[Signature] 9/1/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 9/1/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 9/20/99
 DIRECTOR DATE

DETAIL 30 - EROSION CONTROL MATTING



1. Lay-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Backfill the trench and tuck firmly to conform to the channel cross-section. Secure the top of staples about 4" down slope from the trench. Spacing between staples is 6".

2. Staple the 4" overlap in the channel center using an 18" spacing between staples.

3. Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil.

4. Staples shall be placed 2" apart with 4 rows for each strip, 2 outer rows, and 2 alternating rows down the center.

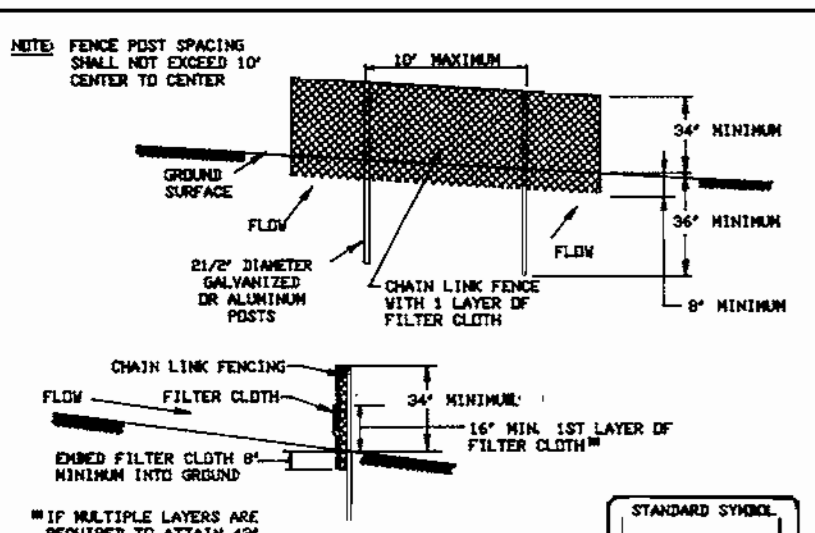
5. Where one roll of matting ends and another begins, the end of the top roll shall overlap the upper end of the lower roll by 4". Stapling pattern: Reinforce the overlap with a double row of staples spaced 4" apart in a staggered pattern on either side.

6. The discharge end of the matting line should be similarly secured with a double row of staples.

Note: If flow will enter from the edge of the matting then the area affected by the flow must be tapered.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

DETAIL 33 - SUPER SILT FENCE



1. Fencing shall be 48" in height and constructed in accordance with the latest Maryland-States Highway Details for Chain Link Fencing. The specification for 4" x 6" fence shall be used, substituting 48" fabric and 6" length posts.

2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, fence and cross rods, or drive anchors and post caps are not required except on the side of the fence.

3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.

4. Filter cloth shall be embedded a minimum of 9" into the ground.

5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.

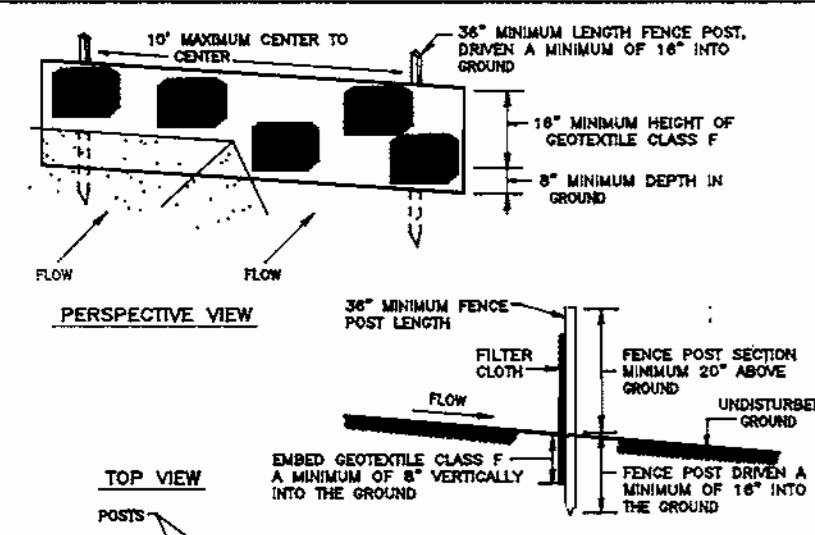
6. Maintenance shall be performed as needed and silt buildup removed when "balser" develops in the silt fence, or when silt reaches 50% of fence height.

7. Filter cloth shall be fastened securely to each fence post with wire ties spaced every 24" at the top and mid section and shall meet the following requirements for Geotek's Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	30 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.5 gal/ft ² /min (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

DETAIL 22 - SILT FENCE



1. Fence posts shall be a minimum of 24" long, driven 18" minimum into the ground. Posts shall be 1 1/2" x 1 1/2" x 16" (minimum) round and shall be of solid square hardwood. Steel posts will be accepted if the section weighing not less than 1.00 pound per linear foot.

2. Chain link fence shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotek's Class F:

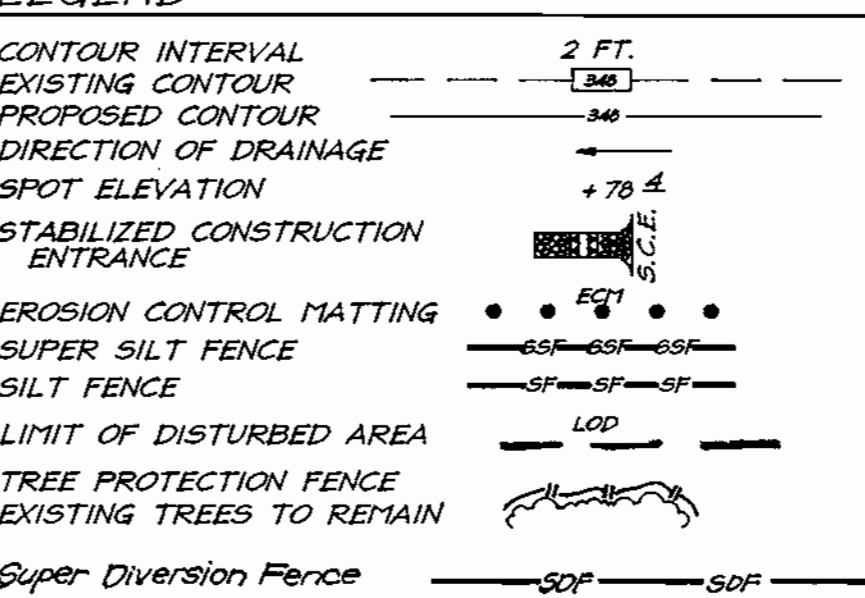
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	30 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.5 gal/ft ² /min (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. When ends of posts fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

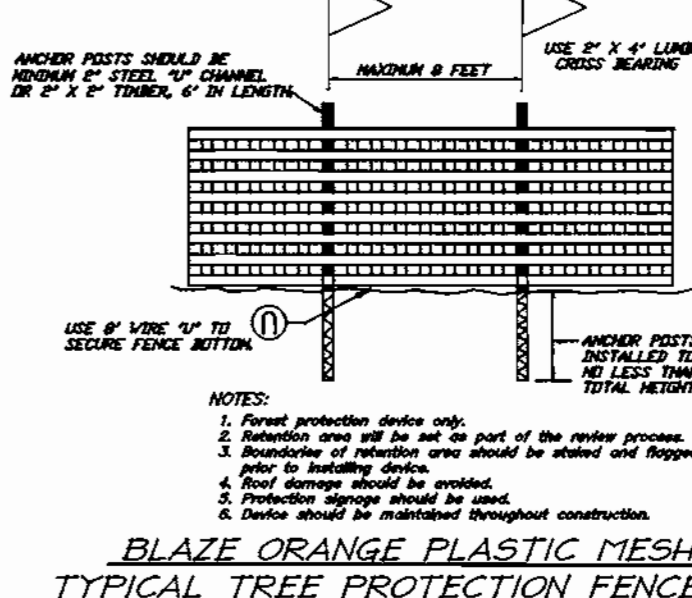
4. 50% Fence shall be inspected after each rainfall event and maintained when balance occur or when sediment accumulation reaches 50% of the fence height.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

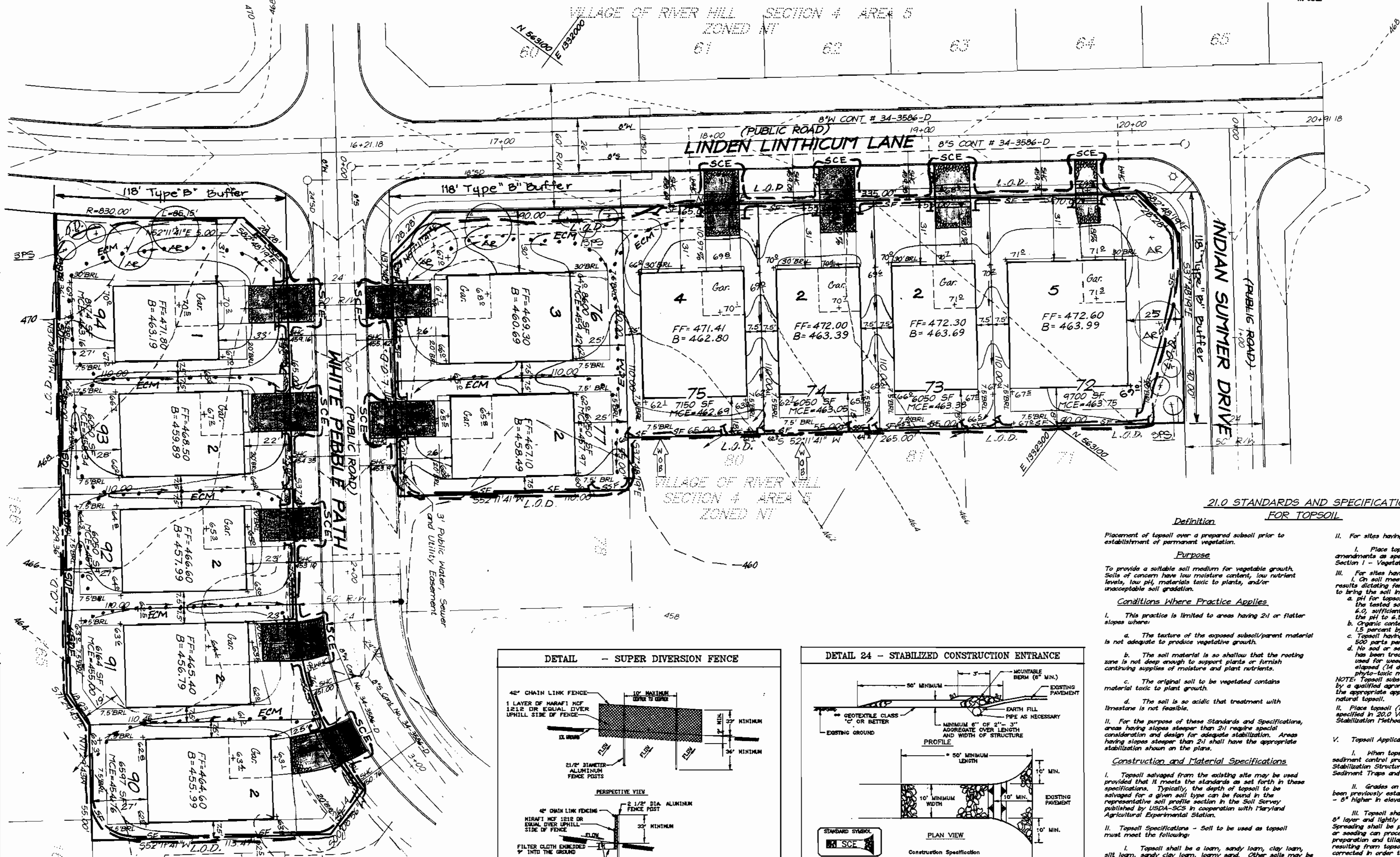
LEGEND



NEARLY VISIBLE FLAGGING



VILLAGE OF RIVER HILL SECTION 4 AREA 5
ZONED NT



SEDIMENT AND EROSION CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (318-185).
 - All vegetative and structural practices are to be installed according to the provisions of the 1984 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
 - Following initial soil disturbance or readjustment, permanent or temporary stabilization shall be completed within:
 - 7 calendar days for all perimeter sediment control structures, slopes, perimeter slopes and all slopes greater than 3:1.
 - 14 days as to all other disturbed or graded areas on the project site.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with V&T, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - All disturbed areas must be stabilized within the three periods specified above, or until such time as the back-filled and stabilized areas are vegetatively stabilized. The 1984 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, sod, temporary seedings and mulching (Sec. 6). Temporary stabilization with mulch alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
 - All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - SITE ANALYSIS:

Total Area of Site:	176 Acres
Area to be roofed or paved:	0.81 Acres
Area to be vegetatively stabilized:	175.19 Acres
Total Cut:	8,000 cu yd
Total Fill:	4,000 cu yd
8. It is the responsibility of the contractor to identify the specific areas and notify and gain approval from the sediment control inspector of the site and its grading permit number at the time of construction.

CONSTRUCTION SEQUENCE

	NO. OF DAYS
1. Obtain grading permit.	7
2. Install erosion control devices and stabilize.	14
3. Construct structures, sidewalks and driveways.	30
4. Final grade, install Erosion Control Matting and stabilize in accordance with standards and specifications.	14
5. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7
6. Delay construction of houses on lots.	N/A

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS DESIRED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, slicing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preseedbed apply 2 tons per acre dolomitic limestone (80 lbs/1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil.
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (80 lbs/1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil.

SEEDING: For periods March 1 thru April 30 and August 1 thru October 15, seed with 40 lbs. per acre (40 lbs./1000 sq ft.) of Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (2 lbs./1000 sq ft.) of creeping lovegrass. During the period of October 1 thru February 28, preseed site by applying 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs. acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

MULCHING: Apply 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of certified small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 200 gallons per acre (20 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 gallons per acre (34 gal/1000 sq ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, slicing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.).

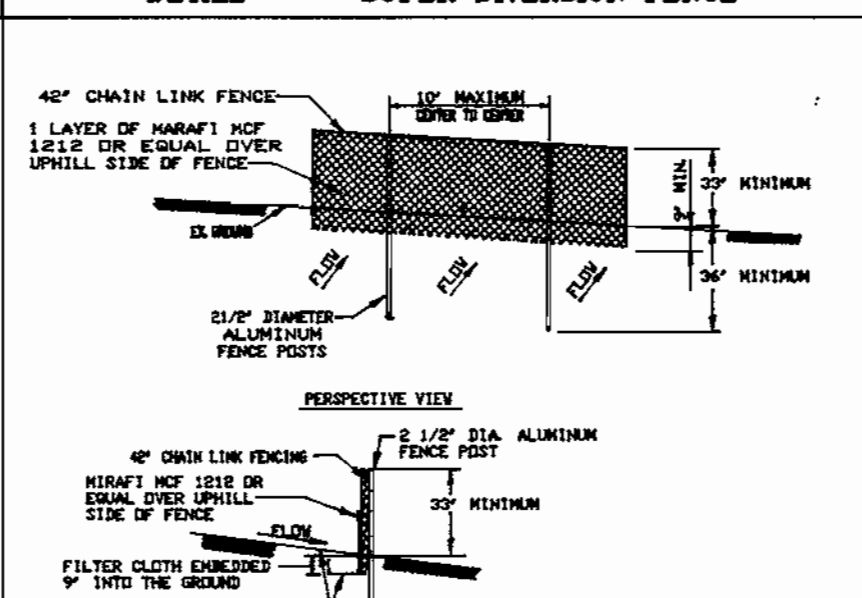
SEEDING: For periods March 1 thru April 30 and August 1 thru October 15, seed with 2 1/2 bushel per acre of annual ryegrass (3.2 lbs./1000 sq ft.) for the period May 1 thru August 15, seed with 3 lbs. per acre of creeping lovegrass (07 lbs./1000 sq ft.). For the period November 28 thru February 28, preseed site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

MULCHING: Apply 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of certified small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 200 gallons per acre (20 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 gallons per acre (34 gal/1000 sq ft.) for anchoring.

REFER TO THE 1984 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

OWNER / DEVELOPER
THE HOWARD RESEARCH AND DEVELOPMENT CORP.
1025 LITTLE TUXENT PARKWAY
COLUMBIA, MARYLAND 21044

DETAIL - SUPER DIVERSION FENCE



1. Length - minimum of 50' (30' for a single lot).

2. Width - 15" minimum, should be fixed at the existing road to provide a turning radius.

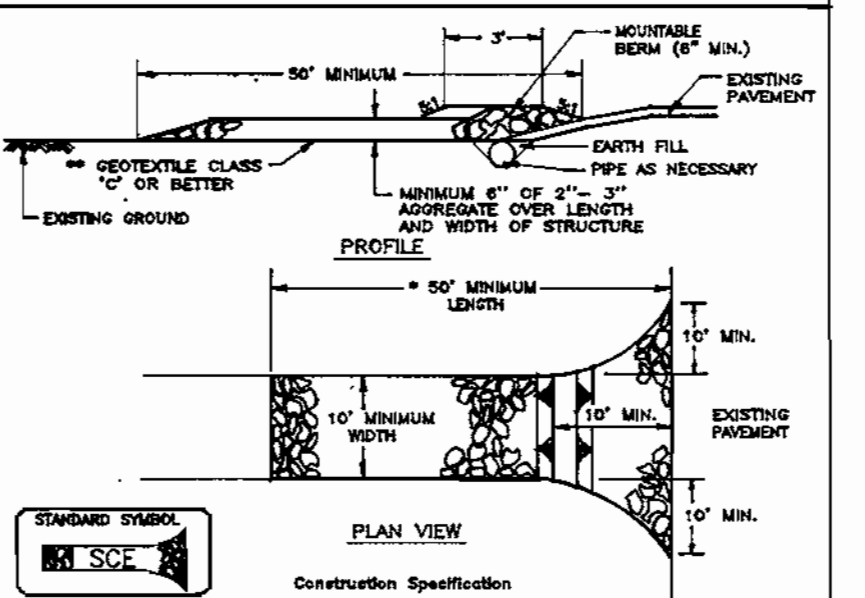
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. No top approval authority may require single fabric reference to use geotextile.

4. Stone - crushed aggregate (3" to 3") or reconditioned or recycled concrete aggregate shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be placed through the entrance, maintaining positive drainage. Pipes installed through the stabilized construction entrance shall be protected by a concrete curb with 6" slope and a minimum 6" diameter. A pipe will not be placed in a high spot and has no change to convey, a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized entrance.

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



1. Topsoil shall be a loam, sandy loam, clay loam, sandy clay loam, loamy sand, Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate government authority. Regardless, topsoil shall not be a mixture of contrasting textural subsoils and shall contain less than 5% by volume of chert, nodules, clay, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1" and 1/2" in diameter.

2. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutgrass, poison ivy, thistle, or others as specified.

3. Where the subsoil is either highly acidic or composed of heavy clays, gravel lenses shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Later shall be distributed uniformly over designated area and worked into the soil in conjunction with tillage operations as described in the following procedures.

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 sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department 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 agents, as are deemed necessary."

Approved: *[Signature]* DATE: 7-16-99

ENGINEER'S CERTIFICATE

"I hereby certify that this plan for Sediment and Erosion 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."

Approved: *[Signature]* DATE: 7-16-99

APPROVED: DEPARTMENT OF PLANNING & ZONING
[Signature] 9/13/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 9/14/99
CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 9/20/99
DIRECTOR

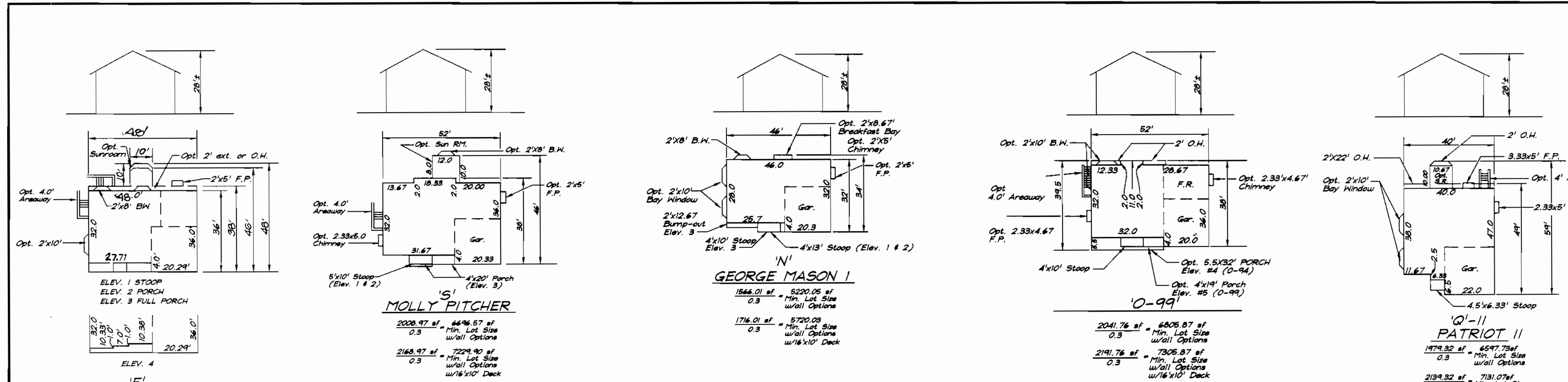
Reviewed for: HOWARD S.C.D.
and proper Technical Requirements
and proper Technical Requirements
and proper Technical Requirements
and proper Technical Requirements

[Signature] 9/13/99
Natural Resources Conservation Service

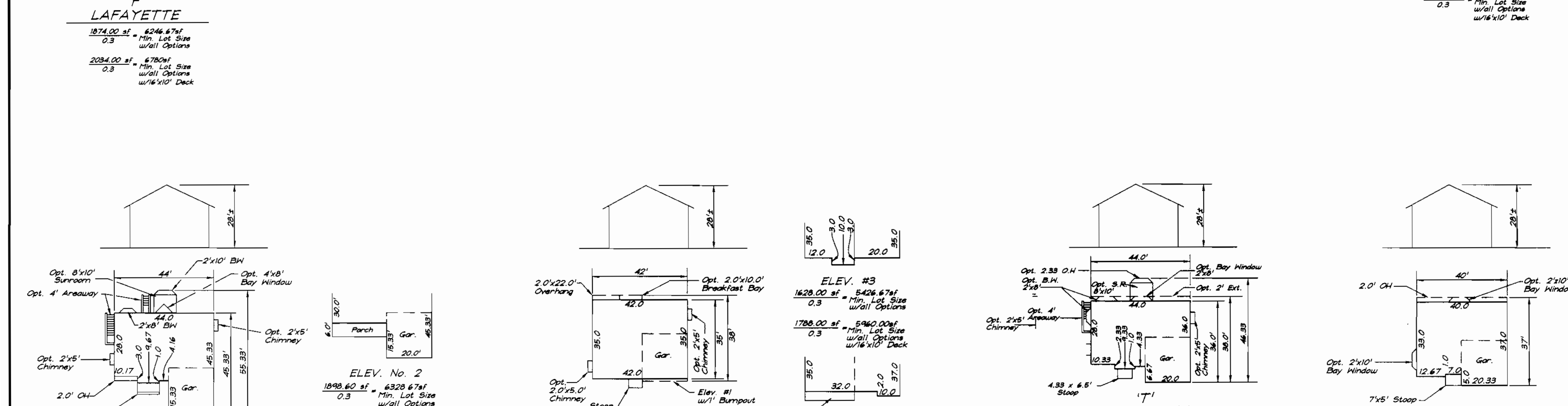
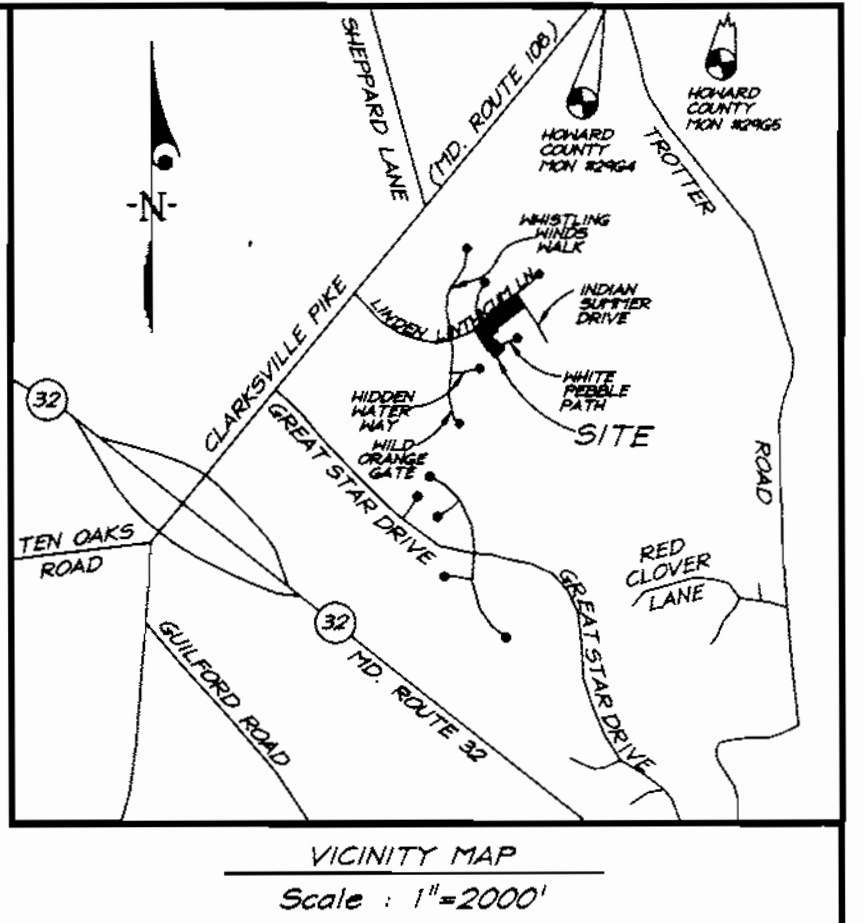
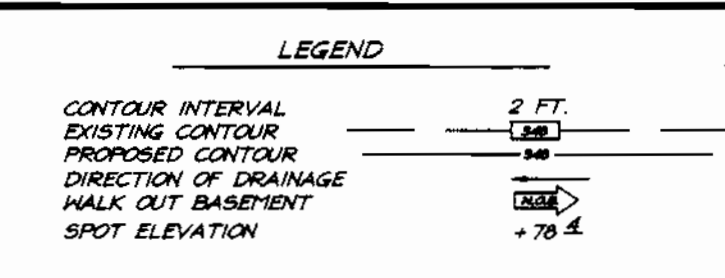
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.

[Signature] 9/13/99
Approved

<p>CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS</p>		
DESIGNED	<p>SEDIMENT & EROSION CONTROL PLAN</p> <p>LOTS 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL</p> <p>SECTION 4 AREA 5 FIFTH (5TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	SCALE
DRAWN		1" = 30'
CHECKED		DRAWING
P.C.		3 OF 3
DATE		JOB NO.
7-16-99	99-002	FILE NO.
FOR PATRIOT HOMES P.O. BOX 1018 Columbia, Maryland 21044		99-0029



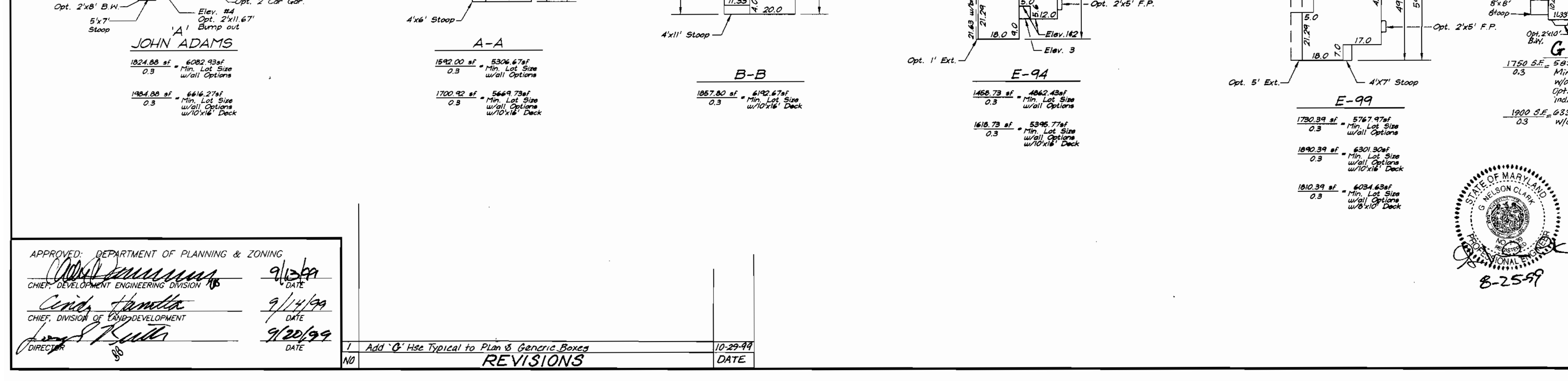
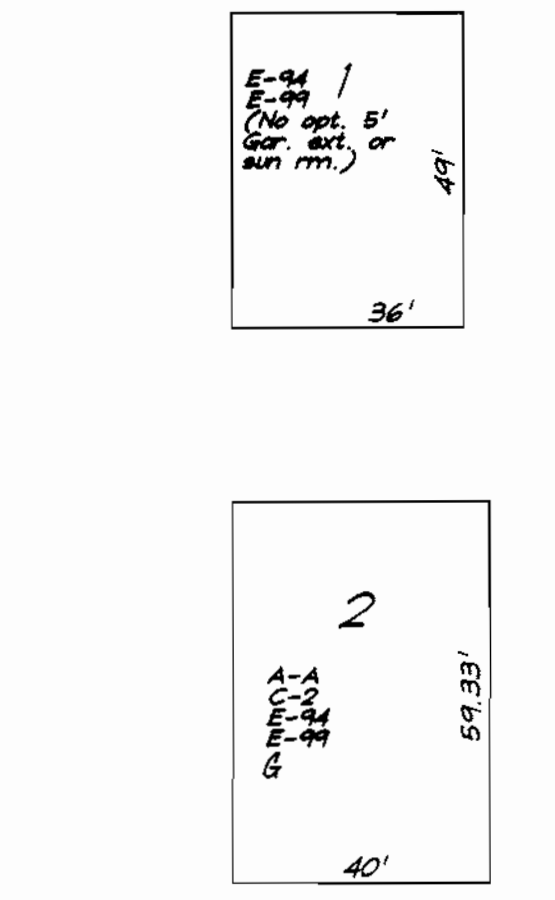
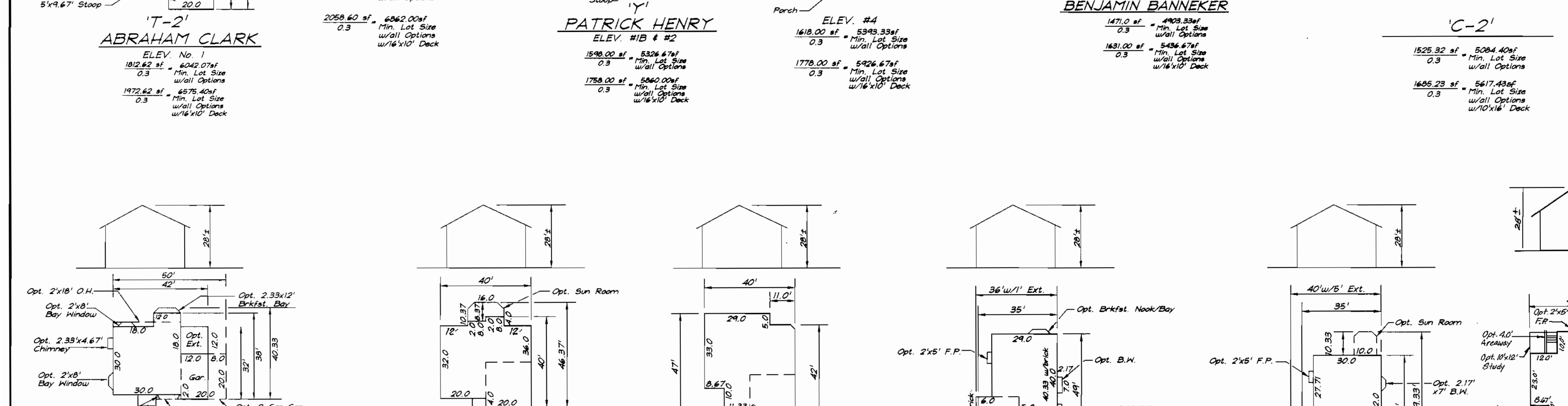
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 Trotter Road
 Howard County Monument 2965
 on additional 2,544'± Northeastly
 along MD. Route 108 away from Site



ADDRESS CHART

LOT NUMBER	STREET ADDRESS
72	12136 Linden Lathicum Lane
73	12132 Linden Lathicum Lane
74	12128 Linden Lathicum Lane
75	12124 Linden Lathicum Lane
76	5801 White Pebble Path
77	5805 White Pebble Path
78	5816 White Pebble Path
79	5812 White Pebble Path
80	5808 White Pebble Path
81	5804 White Pebble Path
82	5800 White Pebble Path

- GENERAL NOTES:**
- Subject property is zoned: NTSFMD per 10-18-93 Comprehensive Zoning Plan.
 - The total area included in this submission is: 1.759 Acres.
 - The total number of lots included in this submission is: 11
 - 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-95-12, F-96-102, WP-95-70.
 - Utilities shown as existing are taken from approved Water and Sewer plans Contract #34-3586-D, approved Road Construction plans F-96-102, and actual field survey.
 - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - All roadways are public and existing.
 - The existing topography was taken from Road Construction Plans prepared by Morris & Ritchie Associates in January 1996.
 - The coordinates shown herein are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers: 2964 & 2965
 - 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 and R.6.05.
 - In accordance with FDP-Phase 222-A, Part V 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. Aareways may not project into any setbacks.
 - SHC Elevations shown are at the Property lines.
 - Stormwater Management is provided per: F-96-102. Quantity Stormwater Management for Section 4, Area 5 is provided by three facilities; the refurbished SWM Pond #1 South of Linden Lathicum Lane (F-96-89), The culvert at Great Star Drive (F-96-110), and SWM Pond #4 in Section 4, Area 4 (F-96-130). Quality Management for this section will be provided by two facilities: a shallow marsh facility at the end of Wild Orange Gate and an Extended Detention Facility within Pond #4 (F-96-130). The subdivision is located in the Patuxent River Area Sub-Basin and is a Class I Watershed.
 - 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 landscape trees in the amount of \$3150.00 is part of the builders grading permit application, for lots 72, 76 and 94.



SHEET INDEX

SHEET NO.	DESCRIPTION
1 of 3	SITE DEVELOPMENT PLAN/Landscape
2 of 3	SEWER AND EROSION CONTROL PLAN
3 of 3	SEWER AND EROSION CONTROL PLAN

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

SPECIAL NOTES:
 This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-102 and/or approved Water and Sewer Plans Contract #34-3586-D

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
VILLAGE OF RIVER HILL	4/5	72-77 and 90-94
PLAT NO.	BLOCK NO.	ZONE
12859 #12858	1	NTSFMD
TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
35	5th	6055
WATER CODE	SEWER CODE	
1-10	6653000	

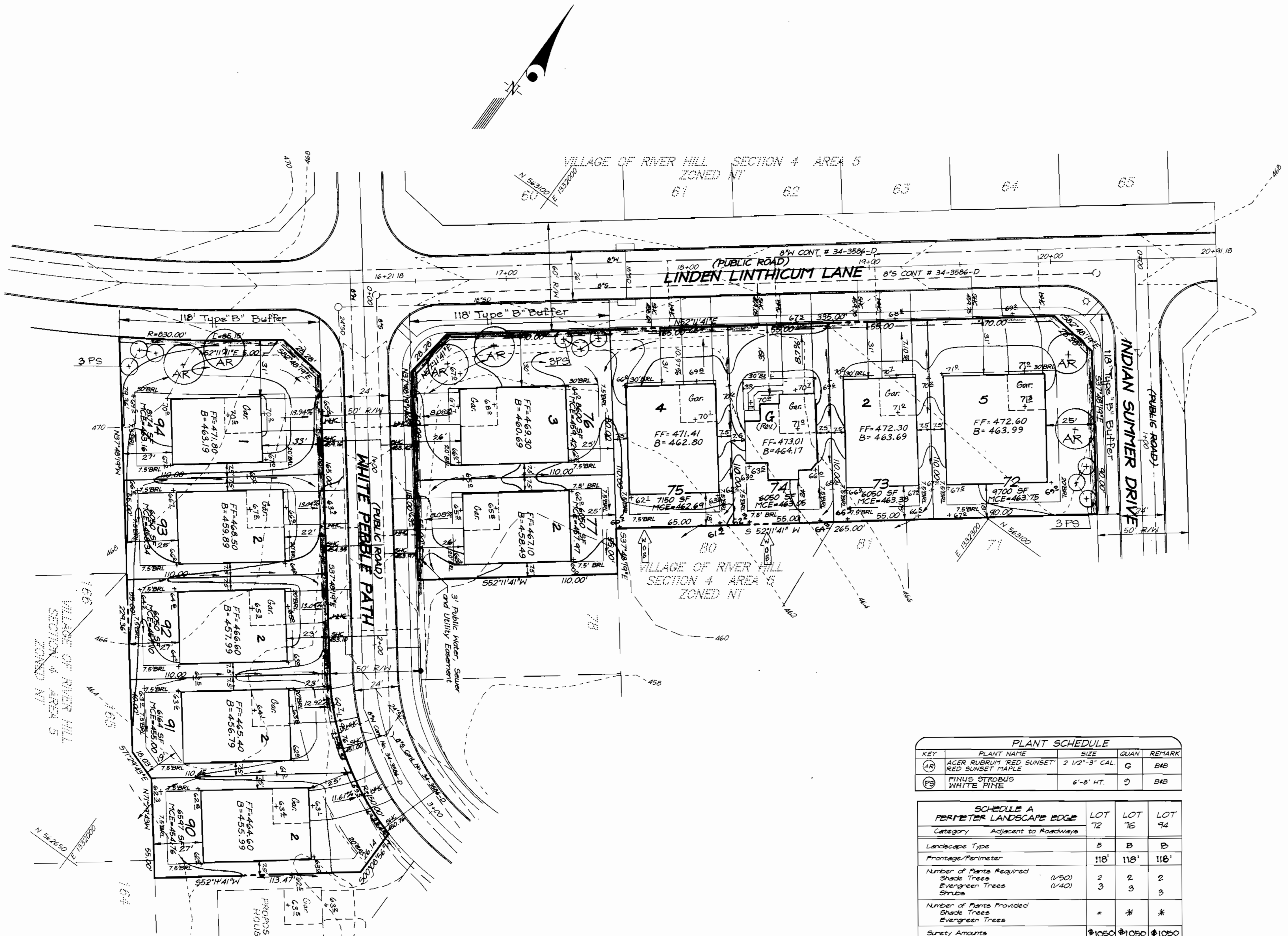
CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED DM	SITE DEVELOPMENT PLAN LOTS 72-77 and 90-94	SCALE 1" = 30'
DRAWN DV	COLUMBIA VILLAGE OF RIVER HILL	DRAWING 1 of 3
CHECKED DM	SECTION 4 AREA 5 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 99-002
DATE 7-10-09	FOR: PATRIOT HOMES P.O. BOX 1018 Columbia, Maryland 21044	FILE NO. 99-002X

APPROVED: DEPARTMENT OF PLANNING & ZONING
 [Signature] 9/13/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 9/14/99
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 9/28/99
 DIRECTOR

REVISIONS

NO.	ADD 'O' Hse Typical to Plan & Generic Boxes	DATE
1		10-29-99





KEY	PLANT NAME	SIZE	QUAN	REMARK
AR	ACER RUBRUM, RED SUNSET	2 1/2" - 3" CAL	G	BAB
PS	PINUS STROBUS, WHITE PINE	6'-8" HT.	D	BAB

Category	Adjacent to Roadways	LOT 72	LOT 76	LOT 94
Landscape Type		B	B	B
Frontage/Perimeter		118'	118'	118'
Number of Plants Required				
Shade Trees	(150)	2	2	2
Evergreen Trees	(140)	3	3	3
Shrubs				
Number of Plants Provided		*	*	*
Shade Trees				
Evergreen Trees				
Surety Amounts		\$1050	\$1050	\$1050

See General Note 18 Sheet 1 of 3

- NOTES:
- All plant materials shall be full and heavy, be well formed and symmetrical, conform to the most current AAN specifications and be installed in accordance with H&D planting specifications.
 - Contractor shall verify location of all underground utilities prior to digging.
 - 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 one-year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Name: R.W. WUNKLE Date: 9-25-99



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

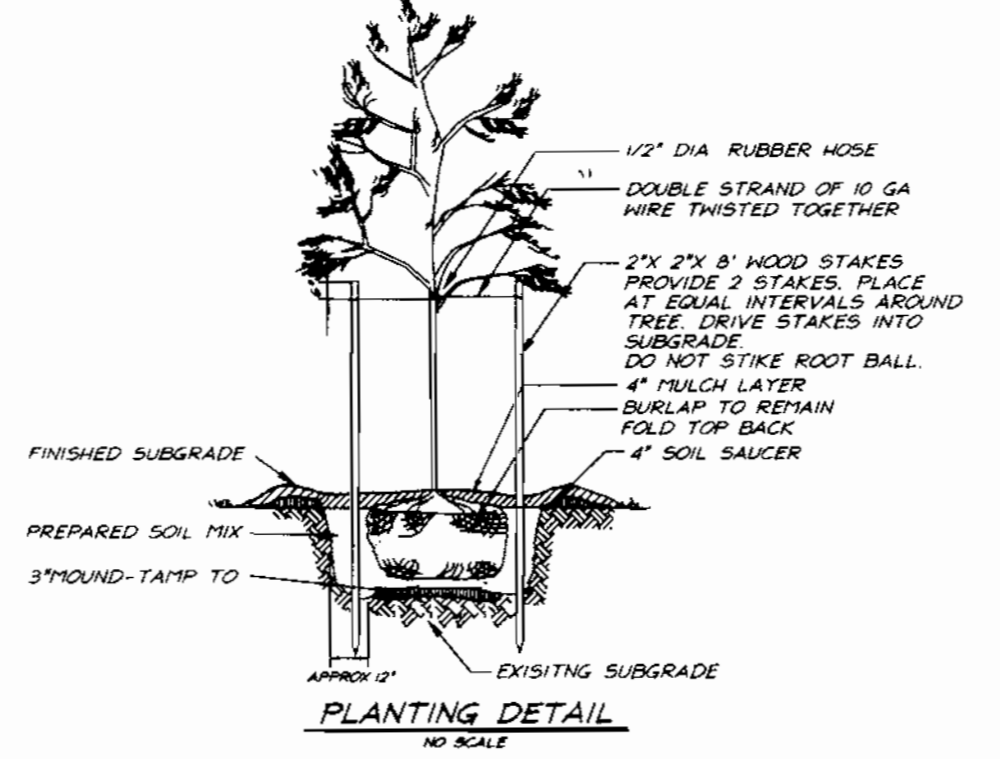
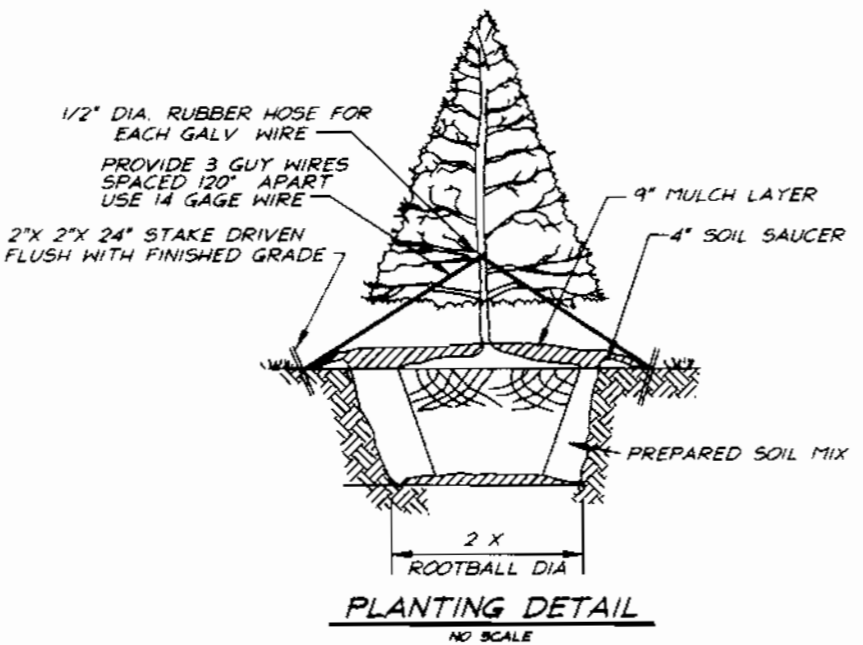
CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT • (301) 621-8100 WASH		
DESIGNED DM	SITE DEVELOPMENT PLAN LOTS 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 5 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN DV		DRAWING 2 of 3
CHECKED DM		JOB NO 99-002
DATE 7-16-99	FOR: PATRIOT HOMES P.O. BOX 108 Columbia, Maryland 21044	FILE NO. 99-002X

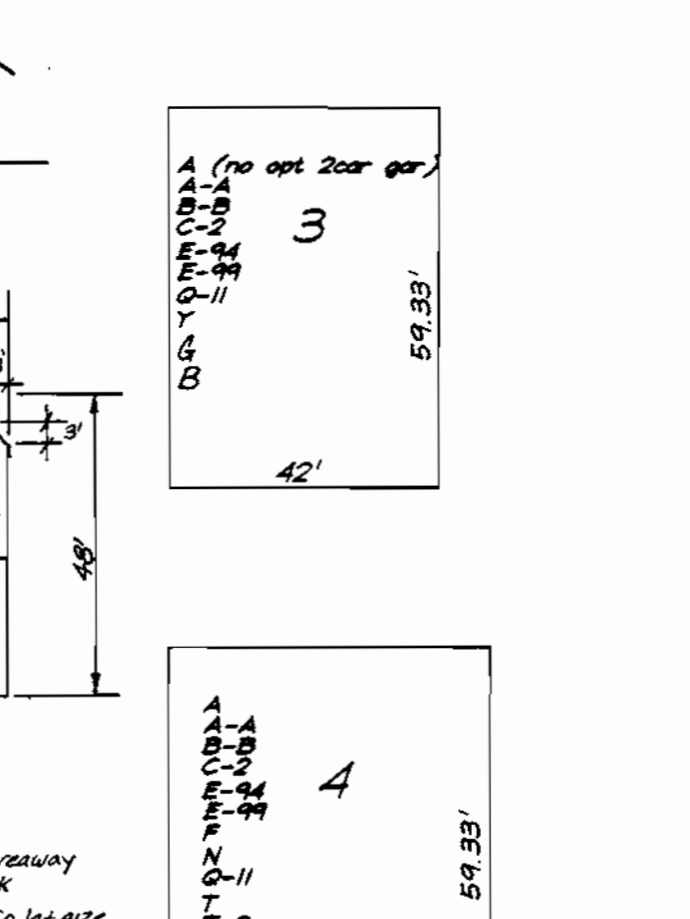
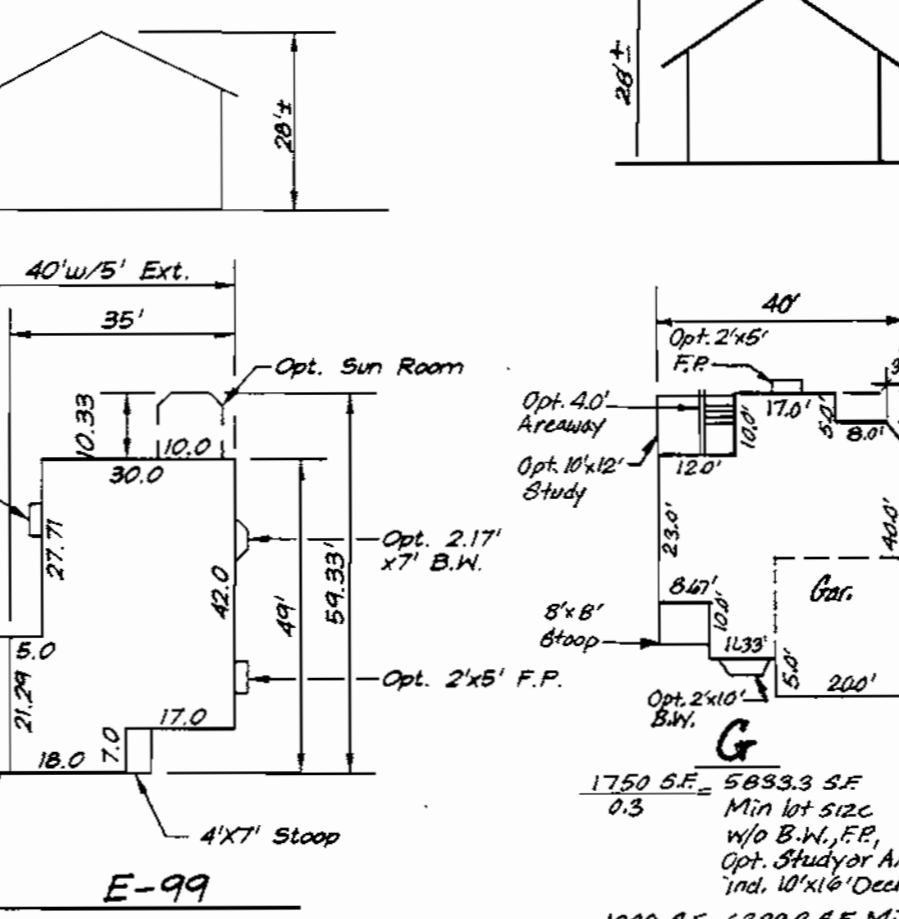
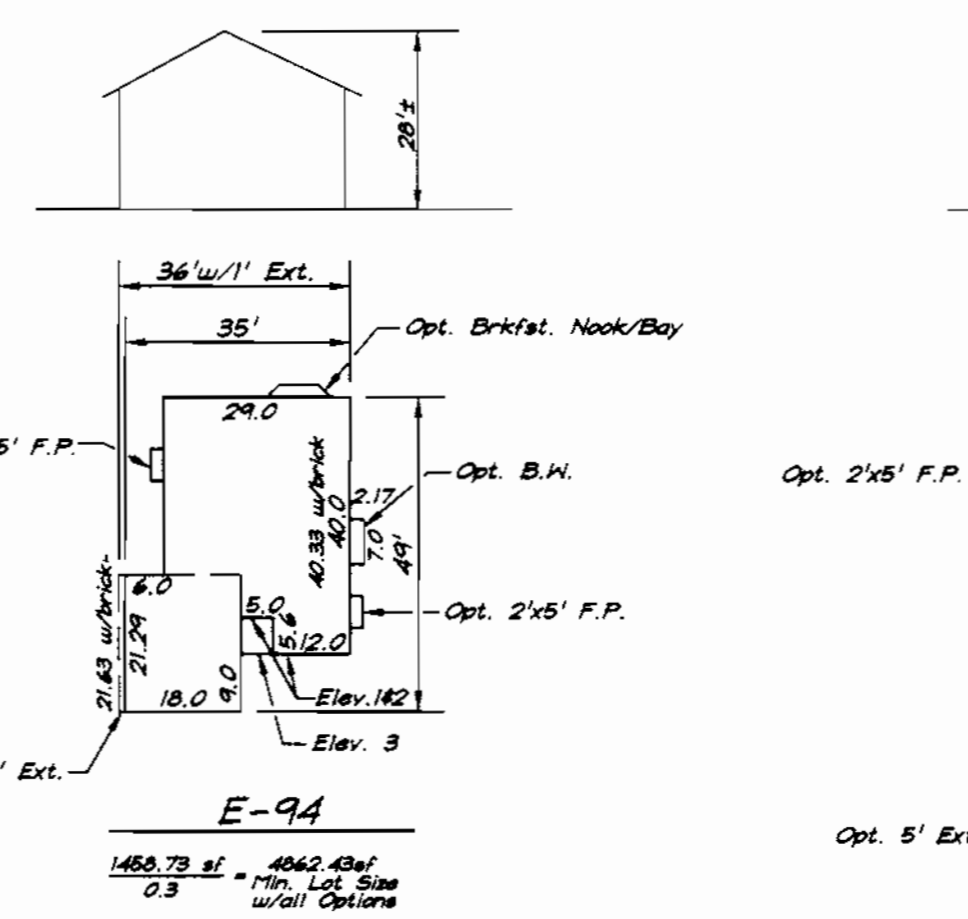
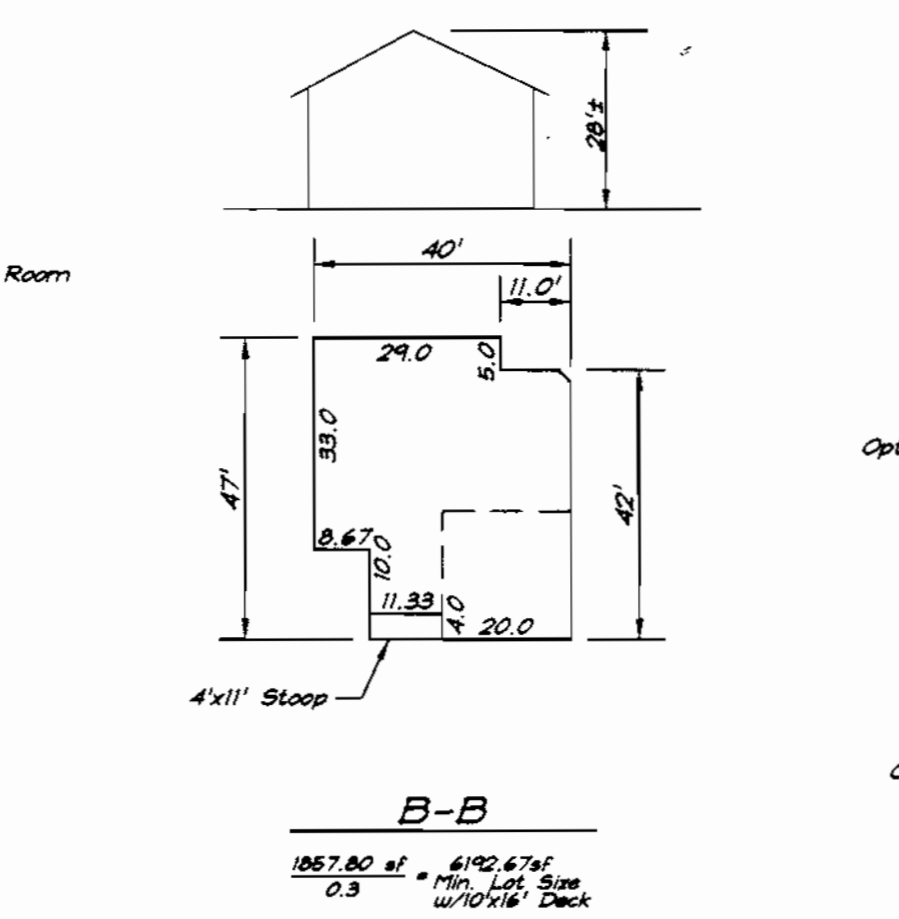
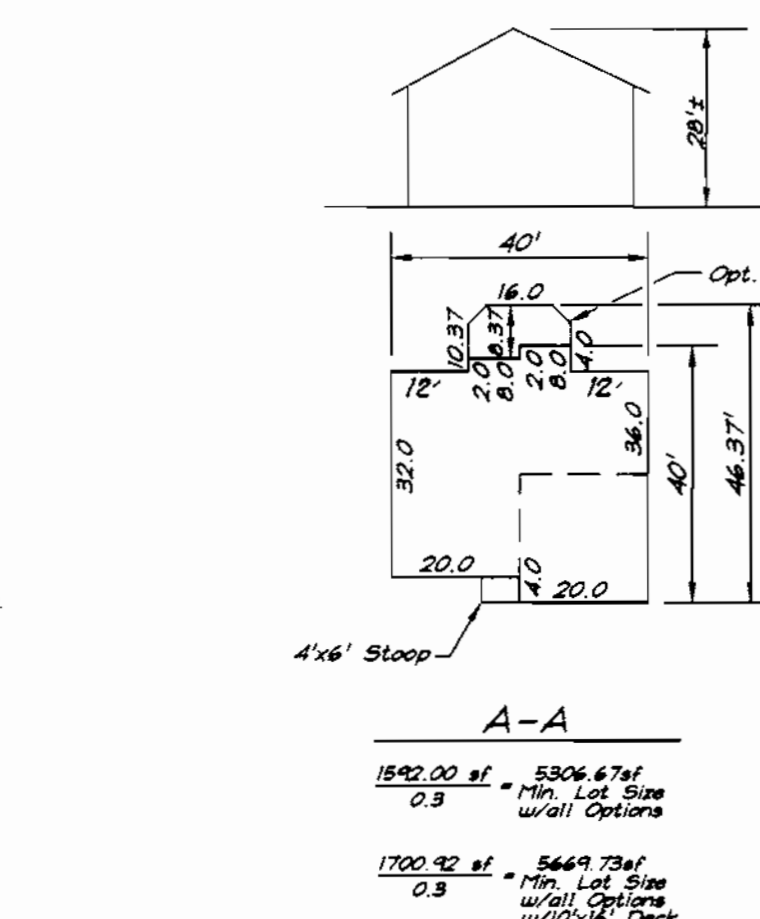
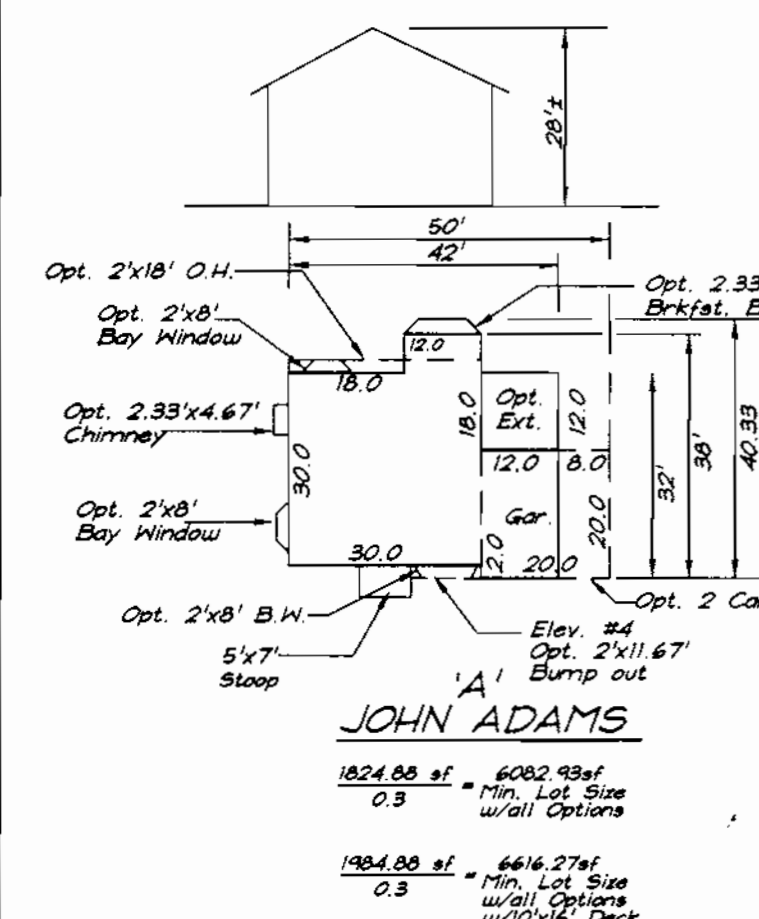
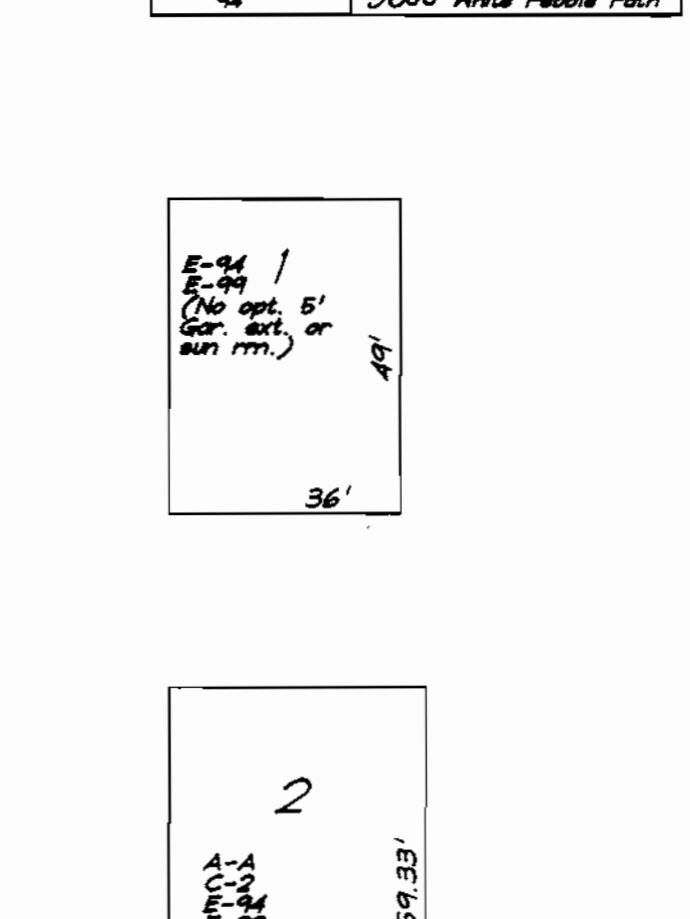
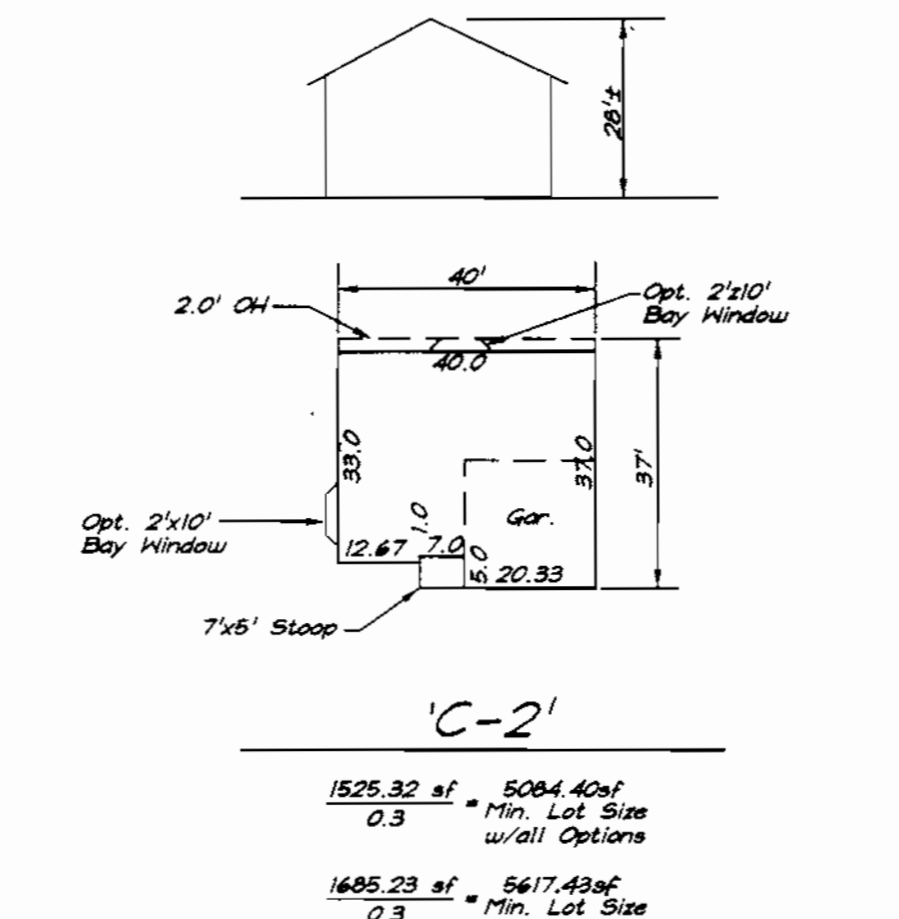
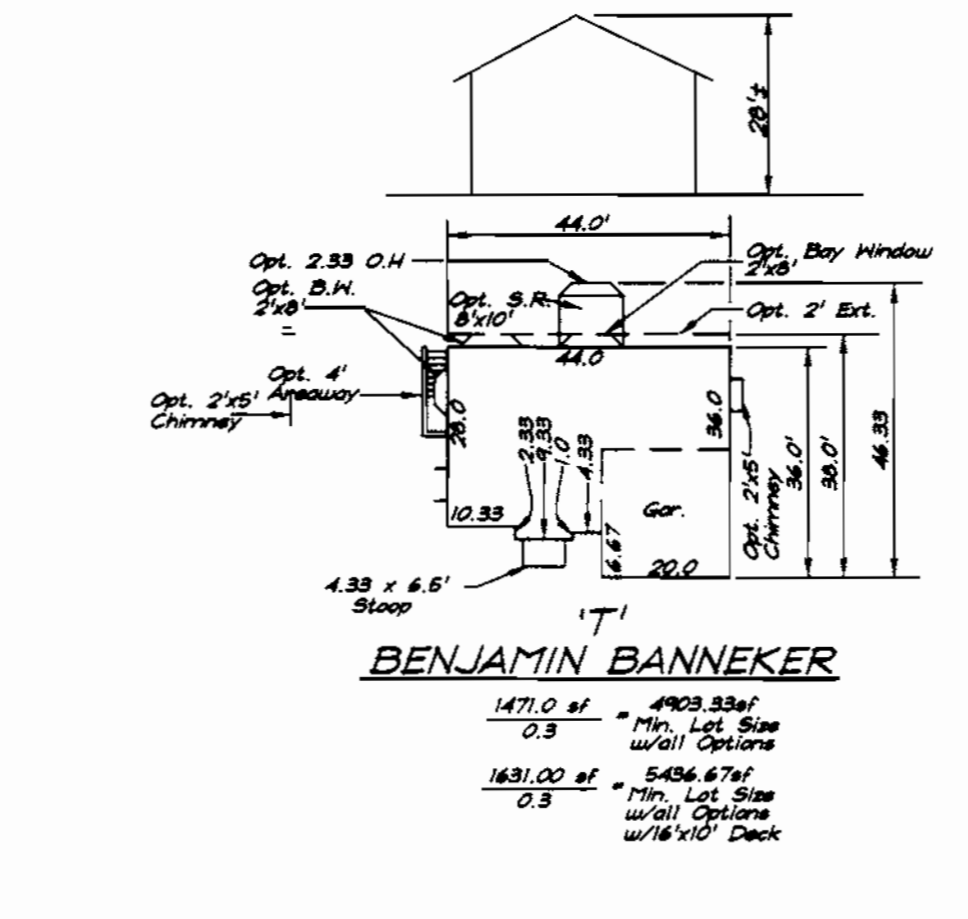
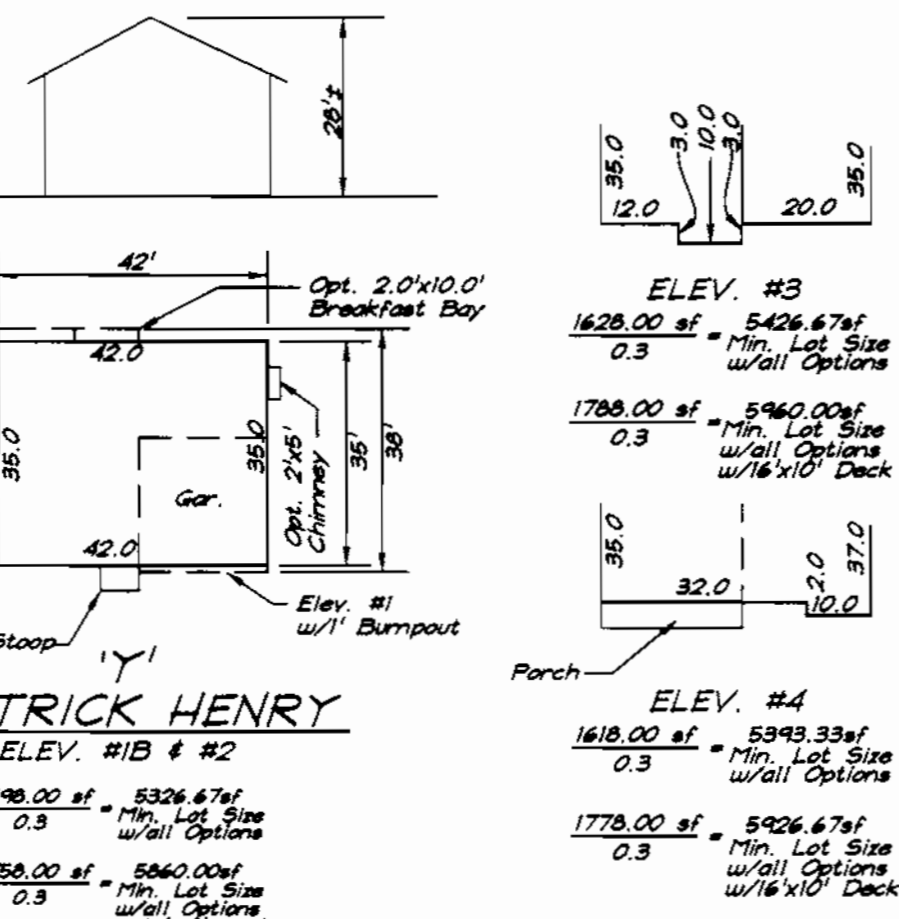
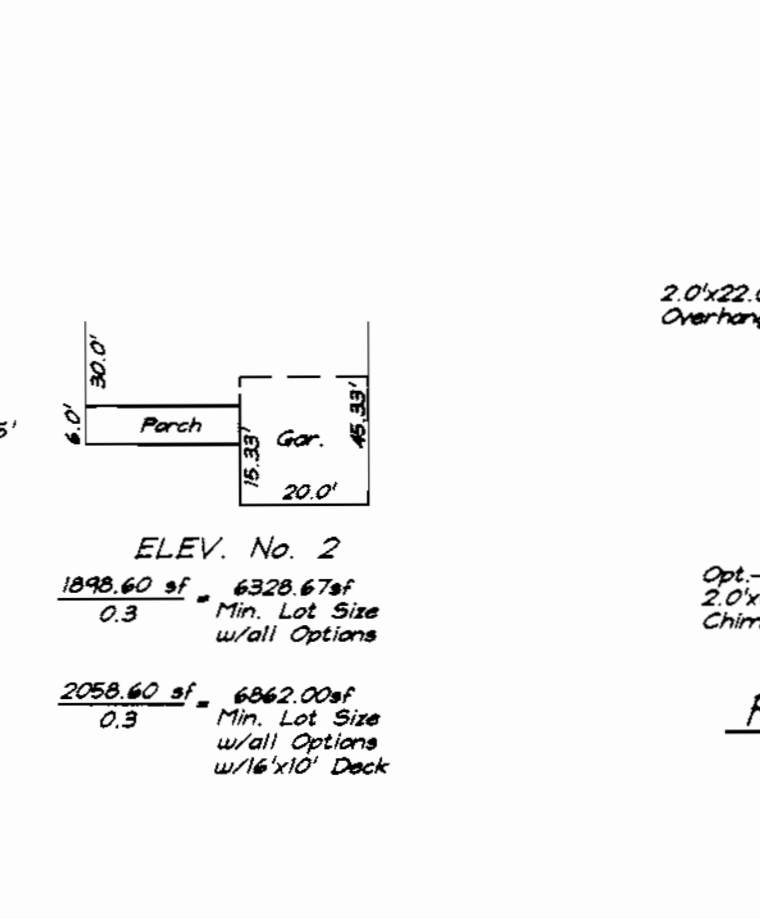
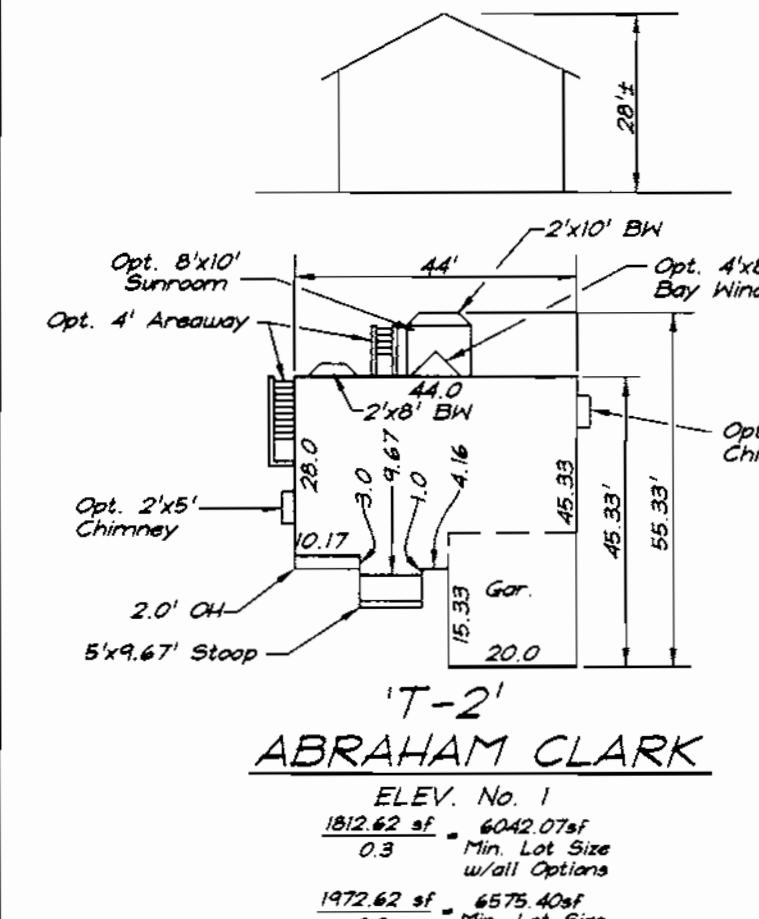
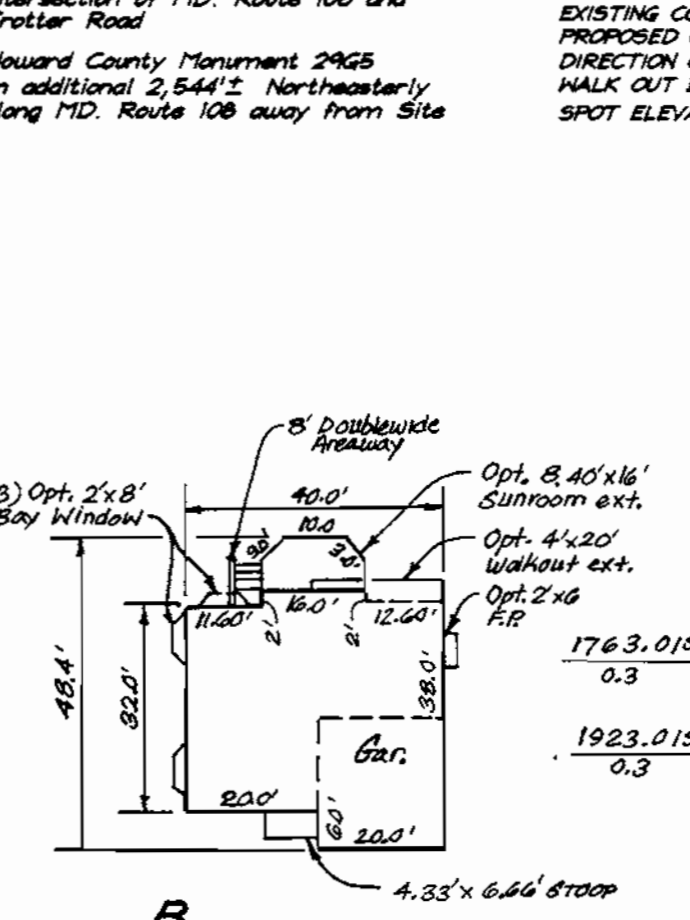
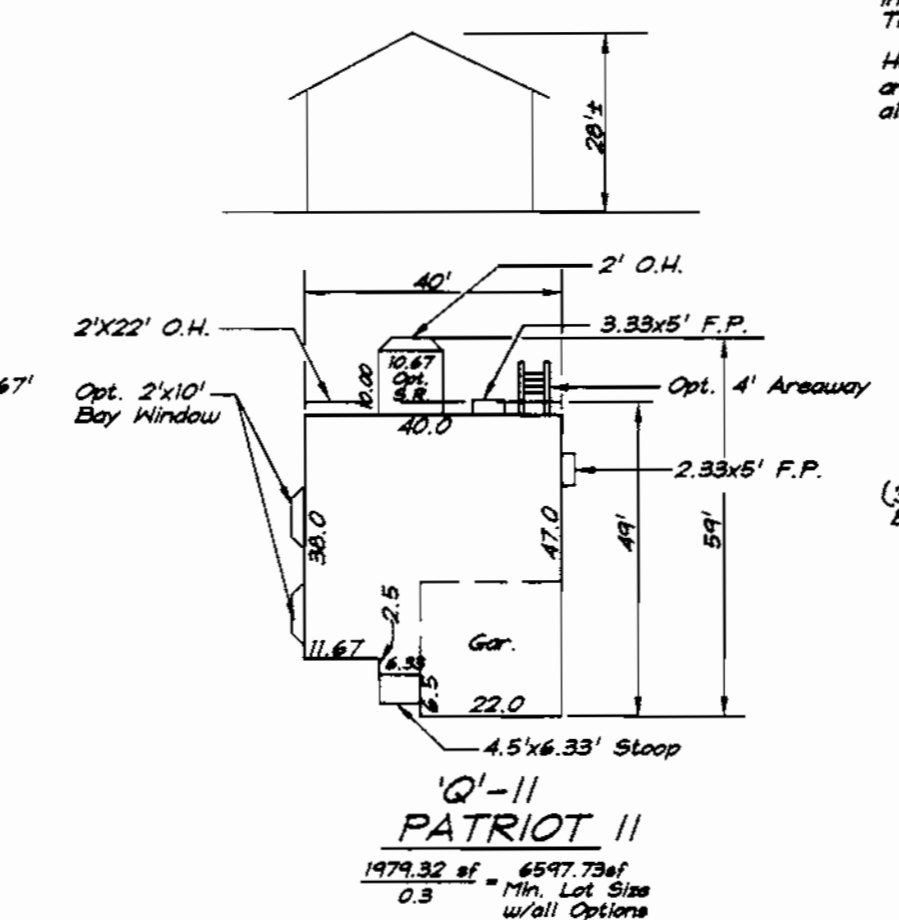
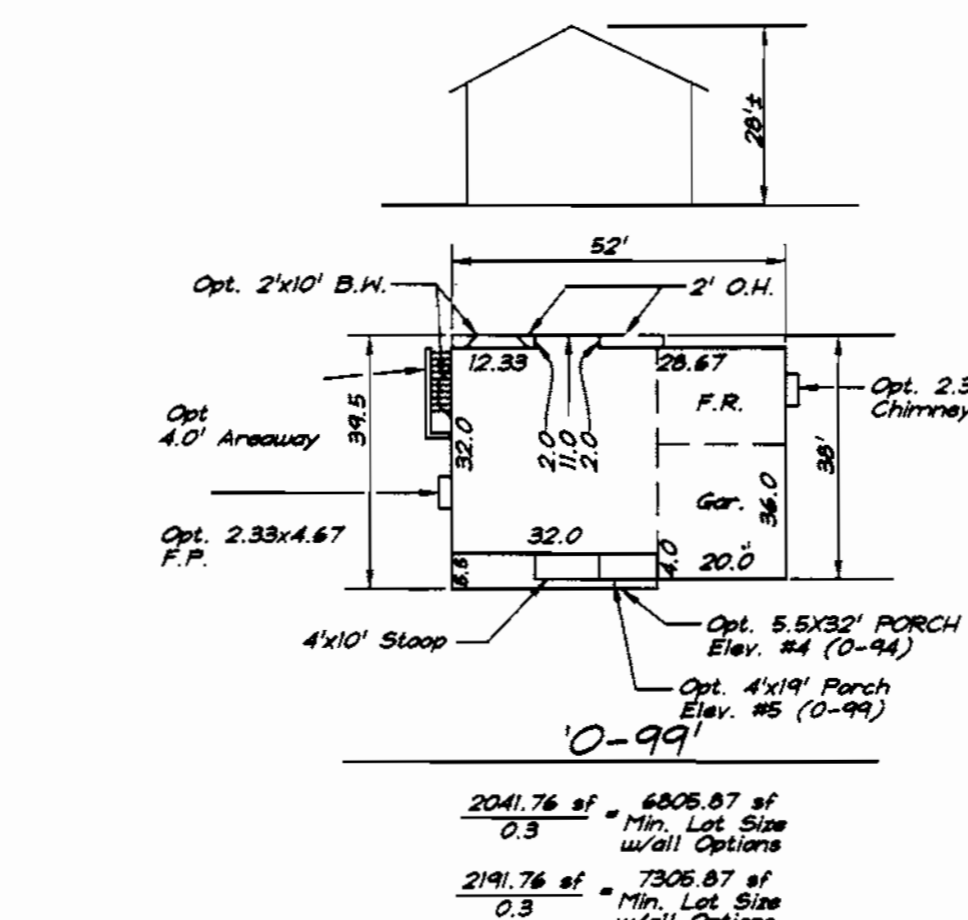
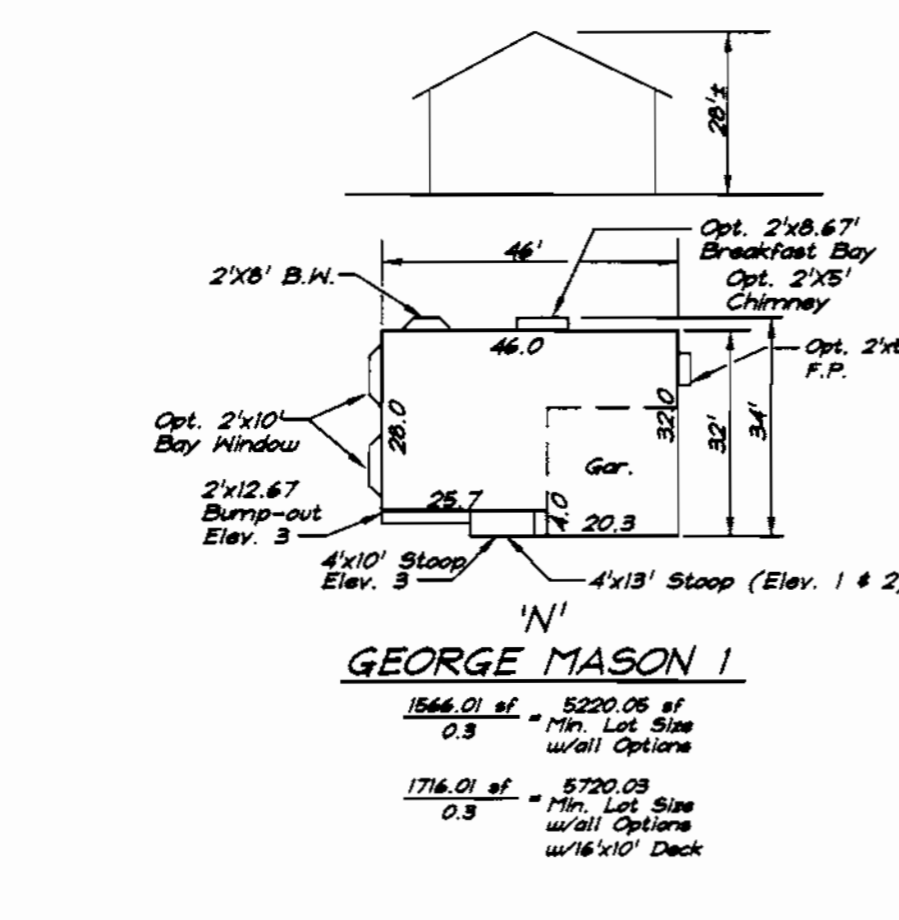
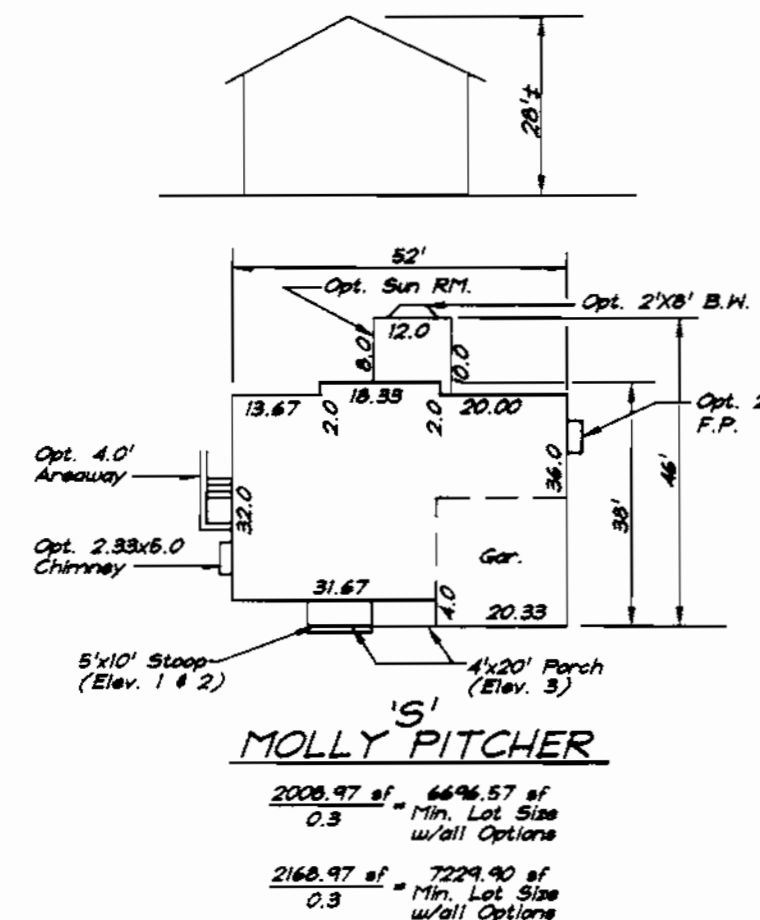
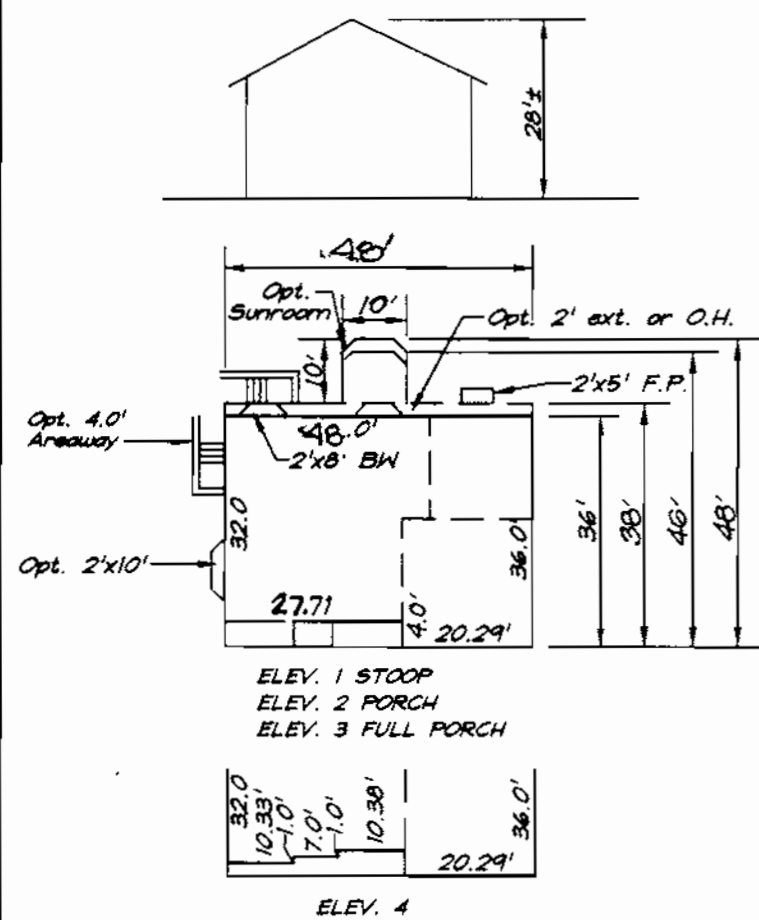
APPROVED: DEPARTMENT OF PLANNING & ZONING

[Signature] 9/1/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 9/1/99
 CHIEF, DIVISION OF LAND DEVELOPMENT

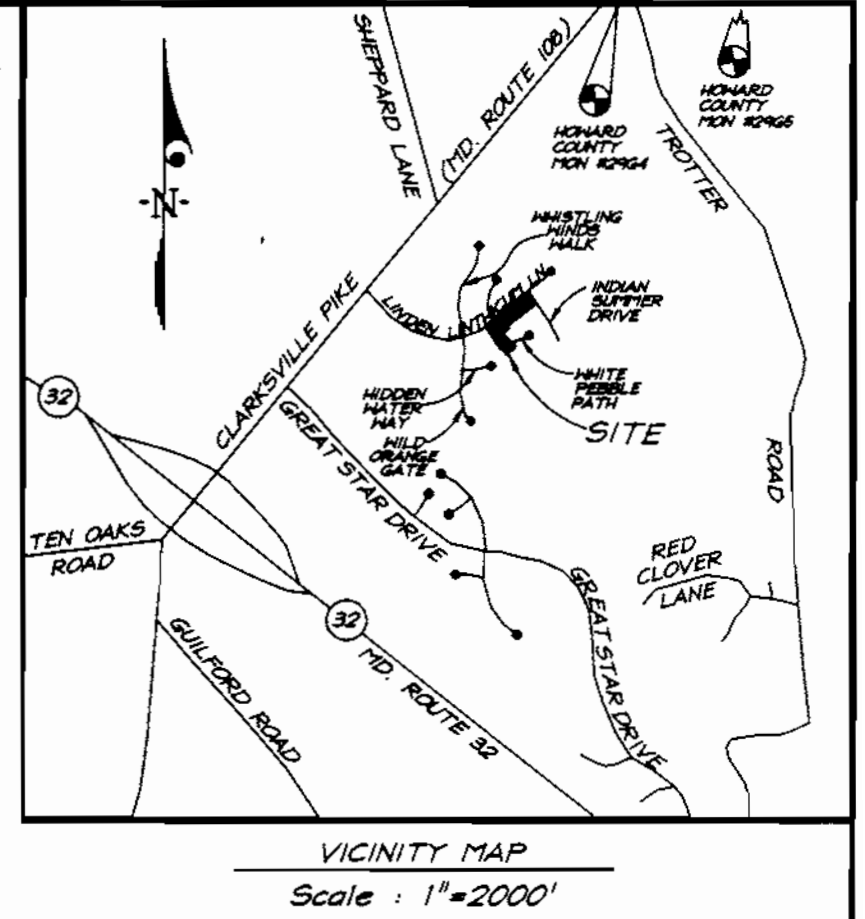
[Signature] 9/20/99
 DIRECTOR





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

LEGEND
 CONTOUR INTERVAL 2 FT.
 EXISTING CONTOUR 10
 PROPOSED CONTOUR 10
 DIRECTION OF DRAINAGE
 WALK OUT BASEMENT
 SPOT ELEVATION +78.4



- GENERAL NOTES:**
- Subject property is zoned: NTSFMD per 10-18-93 Comprehensive Zoning Plan.
 - The total area included in this submission is: 1.759 Acres.
 - The total number of lots included in this submission is: 11
 - Improvement to property: Single Family Detached
 - The maximum lot coverage permitted is: 30%
 - Department of Planning and Zoning reference file numbers: S-98-21; P-95-12; F-96-102; WP-95-70.
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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 15 landscape trees in the amount of \$3150.00 is part of the builders grading permit application, for lots 72, 76 and 94.

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
72	12196 Linden Lanthium Lane
73	12192 Linden Lanthium Lane
74	12188 Linden Lanthium Lane
75	12184 Linden Lanthium Lane
76	5807 White Pebble Path
77	5805 White Pebble Path
78	5816 White Pebble Path
79	5812 White Pebble Path
80	5808 White Pebble Path
81	5804 White Pebble Path
82	5800 White Pebble Path

SHEET INDEX

SHEET NO.	DESCRIPTION
1 of 3	SITE DEVELOPMENT PLAN/Landscape
2 of 3	SEDIMENT AND EROSION CONTROL PLAN

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	4/5	72-77 and 90-94
PLAT NO.	BLOCK NO.	ZONE
12859	#12858	1
TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
35	5th	6055
WATER CODE	SEWER CODE	
1-10	6653000	

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		SCALE 1" = 30'
DESIGNED DM	SITE DEVELOPMENT PLAN LOTS 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL	DRAWING 1 of 3
CHECKED DM		JOB NO. 99-002
DATE 7-10-09	FOR: PATRIOT HOMES P.O. BOX 108 Columbia, Maryland 21044	FILE NO. 99-002X

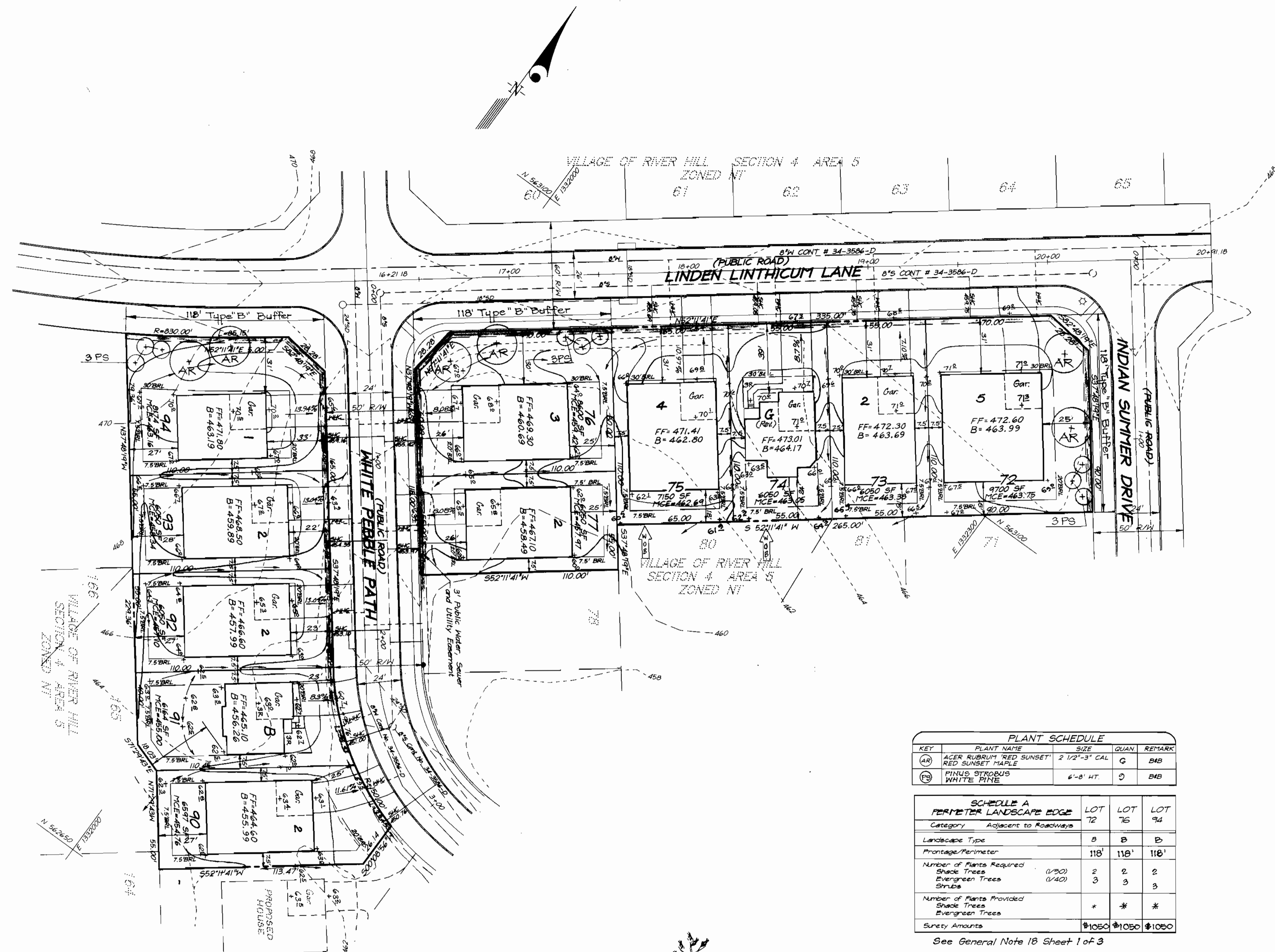
APPROVED: DEPARTMENT OF PLANNING & ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 9/13/99
 CHIEF, DIVISION OF LAND DEVELOPMENT
 9/14/99
 DIRECTOR
 9/20/99

REVISIONS

NO.	DESCRIPTION	DATE
1	ADD 'B' Hse Typical to Plan & Gen. Boxes	11-28-99
2	ADD 'C' Hse Typical to Plan & Gen. Boxes	10-29-99



NO.	REVISIONS	DATE
1	Rev. Hse & Ord. lot 74 Rev. Hse & Ord lot 91	10-29-99 7-23-99



KEY	PLANT NAME	SIZE	QUAN	REMARK
AR	ACER RUBRUM 'RED SUNSET'	2 1/2"-3" CAL	G	B4B
TS	RED SUNSET MAPLE			
	PINUS STROBUS	6'-8' HT.	0	B4B
	WHITE PINE			

Category	Adjacent to Roadways	LOT 72	LOT 76	LOT 94
Landscape Type		B	B	B
Frontage/Perimeter		118'	118'	118'
Number of Plants Required				
Shade Trees (1/50)		2	2	2
Evergreen Trees (1/40)		3	3	3
Number of Plants Provided				
Shade Trees		*	*	*
Evergreen Trees		*	*	*
Surety Amounts		\$1050	\$1050	\$1050

See General Note 18 Sheet 1 of 3

- NOTES:
- 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 H&D planting specifications.
 - Contractor shall verify location of all underground utilities prior to digging.
 - 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 16.24 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 exclusive one year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

R. W. Kunkle
Name: R.W. KUNKLE Date: 8-25-99



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

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

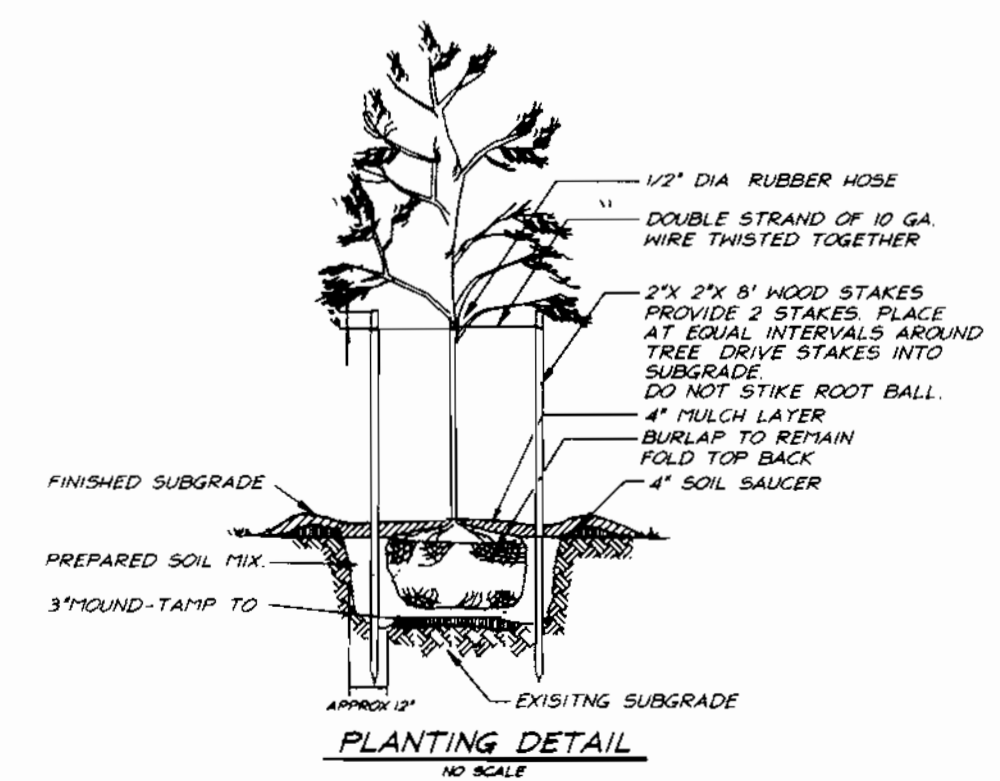
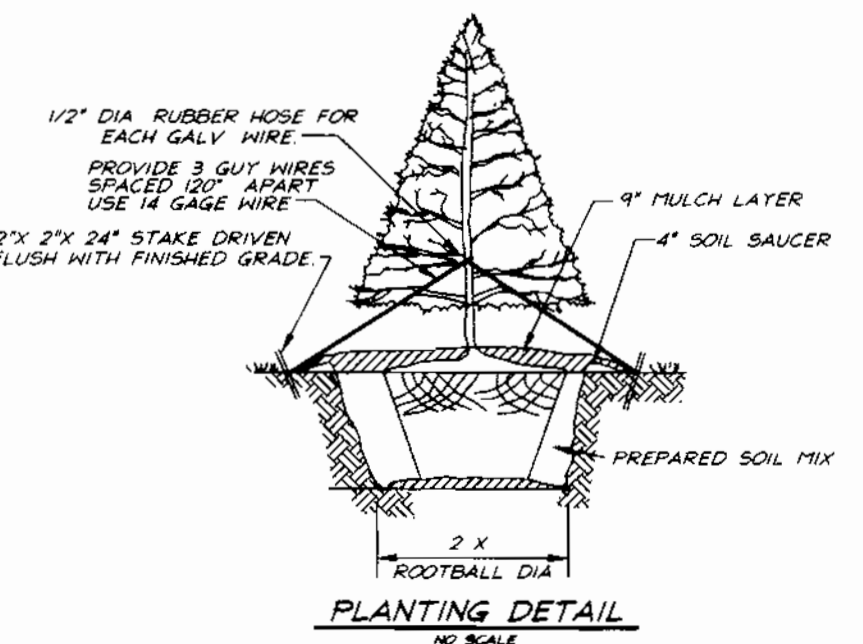
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DRAWN DV		DRAWING 2 of 3
CHECKED DM		JOB NO. 99-002
DATE 7-16-99		FILE NO. 99-002X
		FOR: PATRIOT HOMES P.O. BOX 1016 Columbia, Maryland 21044

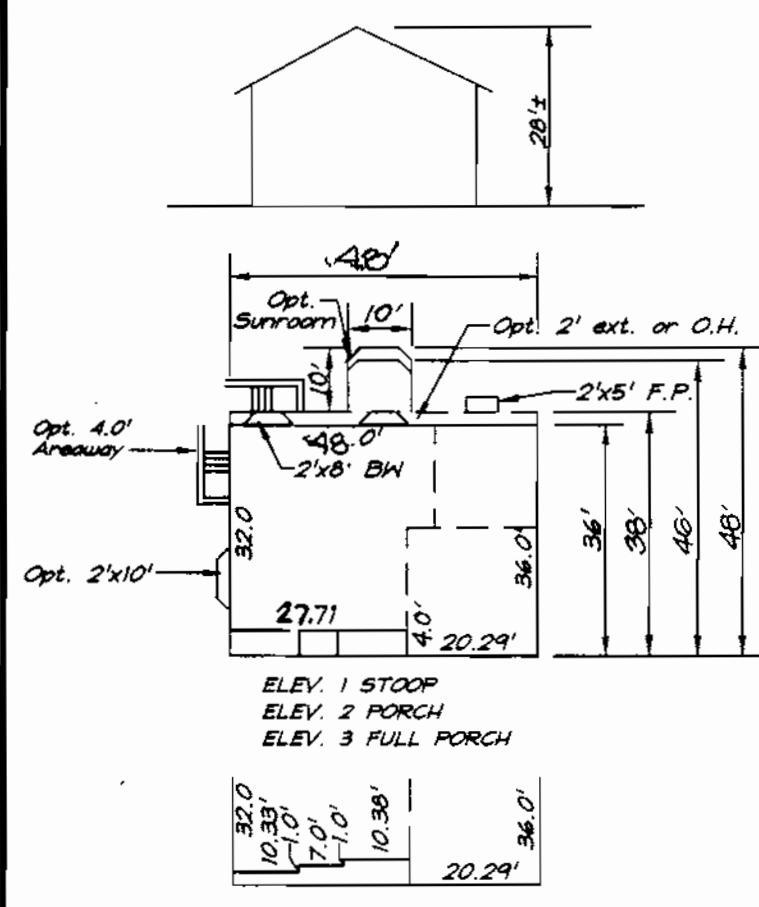
APPROVED, DEPARTMENT OF PLANNING & ZONING

John R. Smith 9/13/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

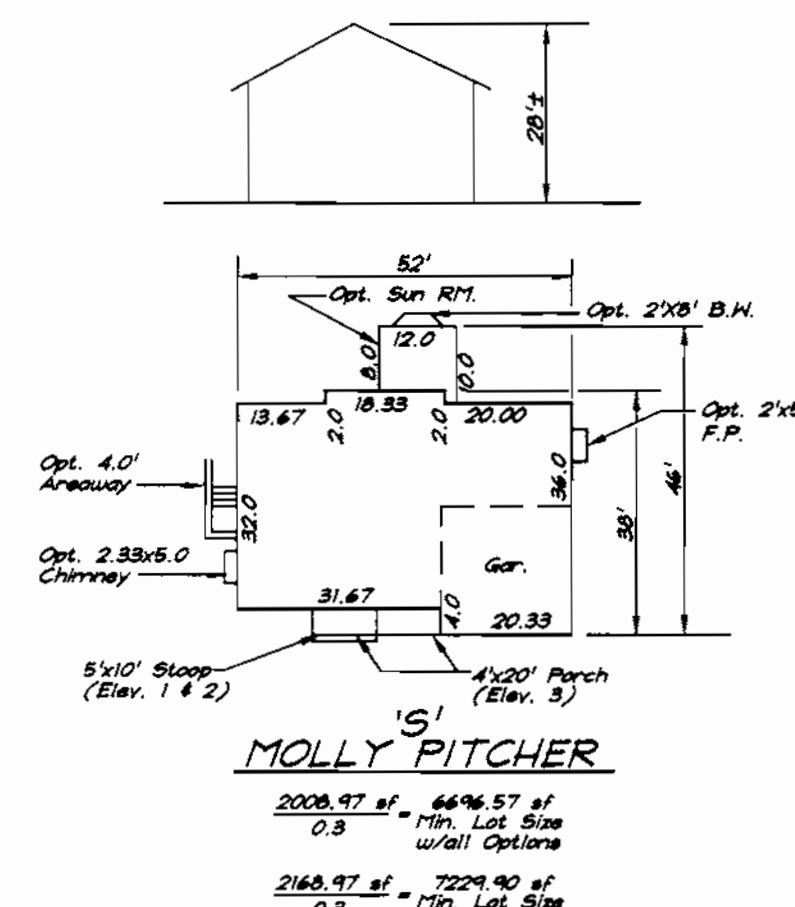
John R. Smith 9/14/99
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John R. Smith 9/20/99
DIRECTOR DATE

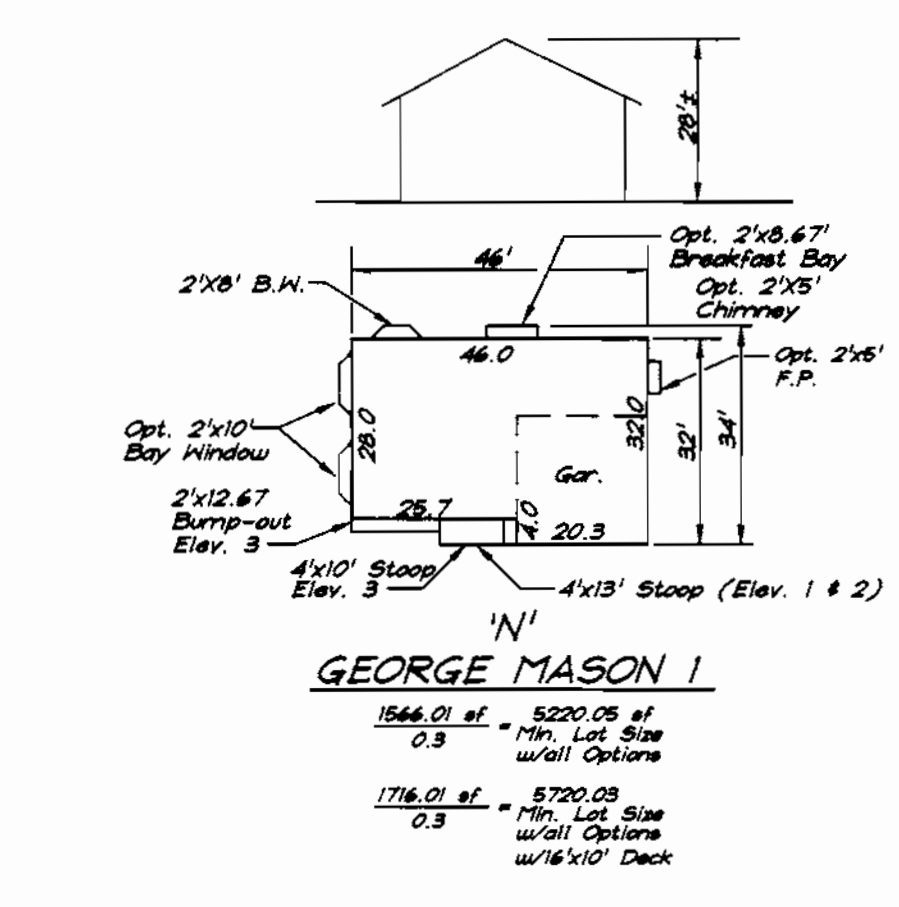




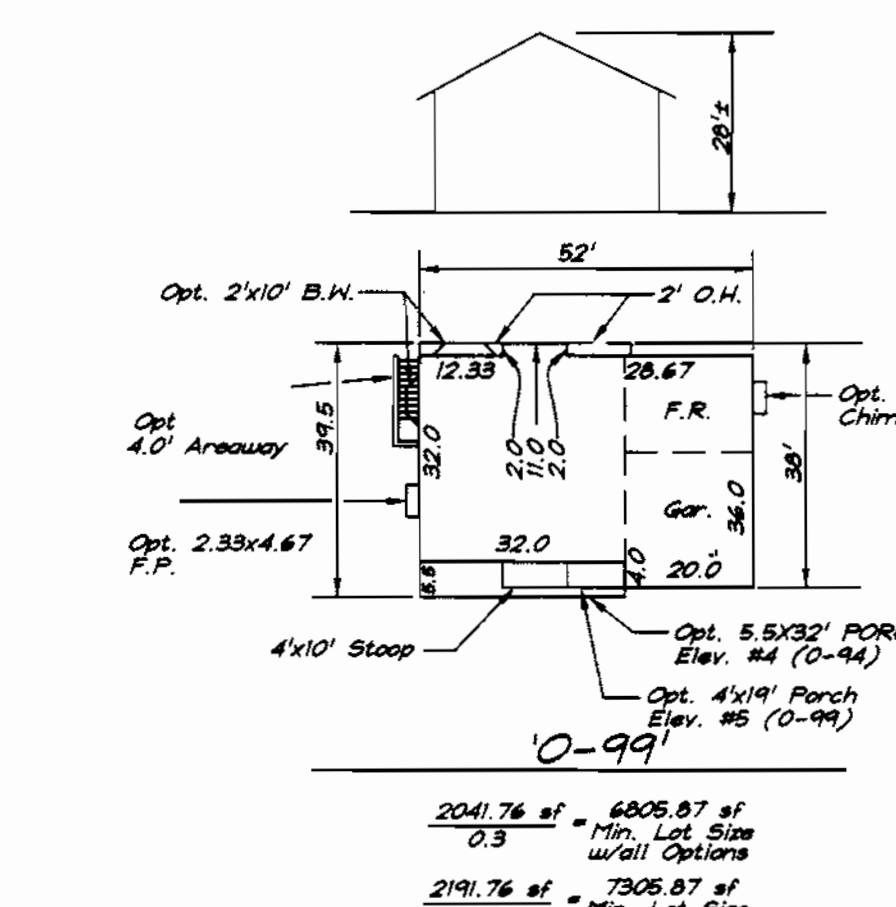
**ELEV. 4
LAFAYETTE**
1874.00 sf = 6246.67sf
0.3 Min. Lot Size w/all Options
2034.00 sf = 7800sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



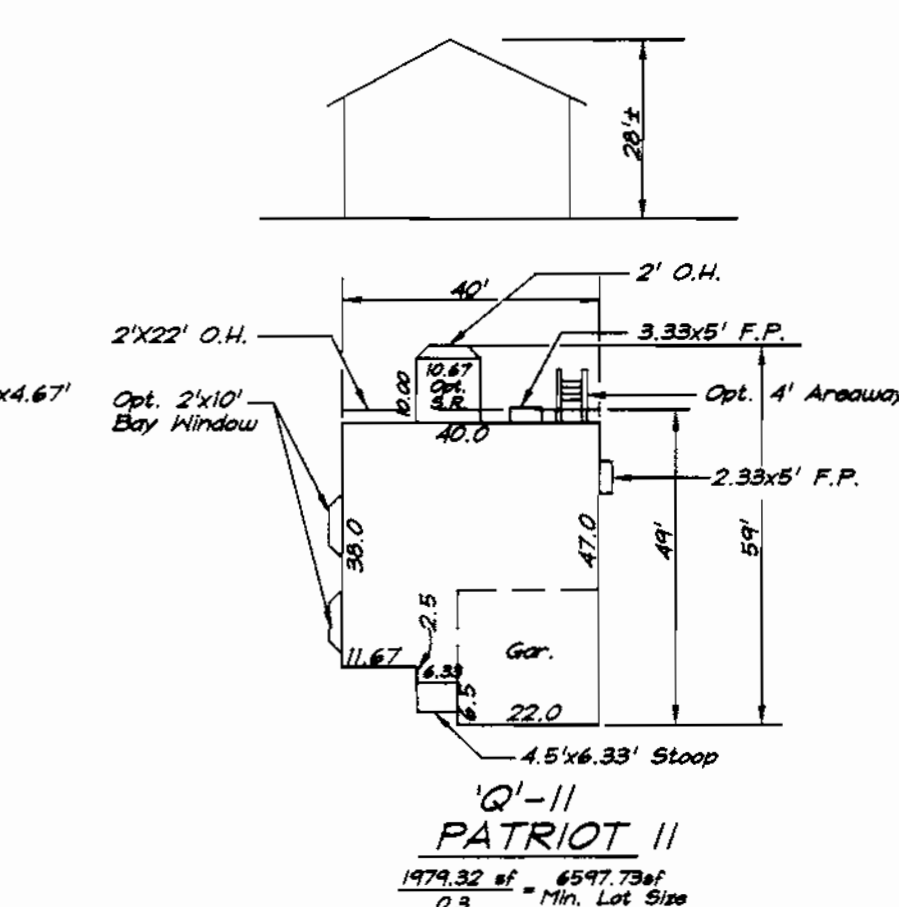
**ELEV. 1
MOLLY PITCHER**
2008.97 sf = 6496.57sf
0.3 Min. Lot Size w/all Options
2168.97 sf = 7224.90sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



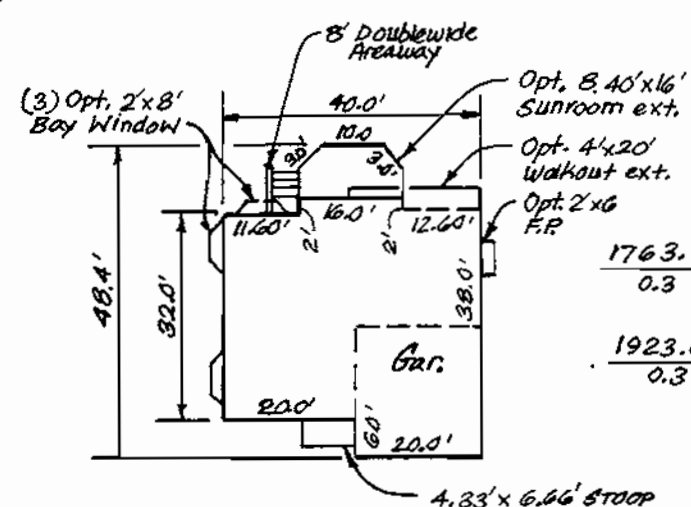
**ELEV. 1
GEORGE MASON I**
1866.01 sf = 5220.05sf
0.3 Min. Lot Size w/all Options
1716.01 sf = 5730.09sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



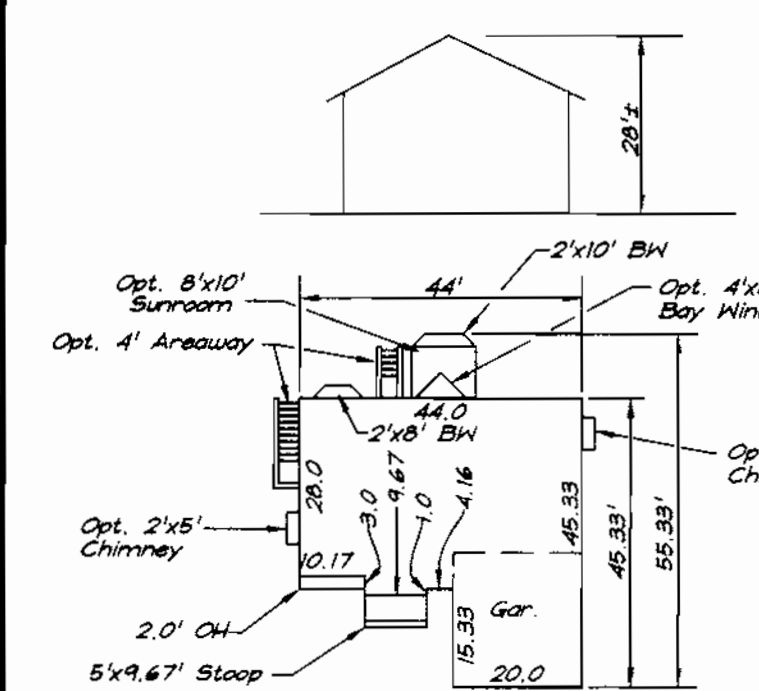
**ELEV. 1
PATRIOT II**
2041.76 sf = 6805.87sf
0.3 Min. Lot Size w/all Options
2191.76 sf = 7305.87sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



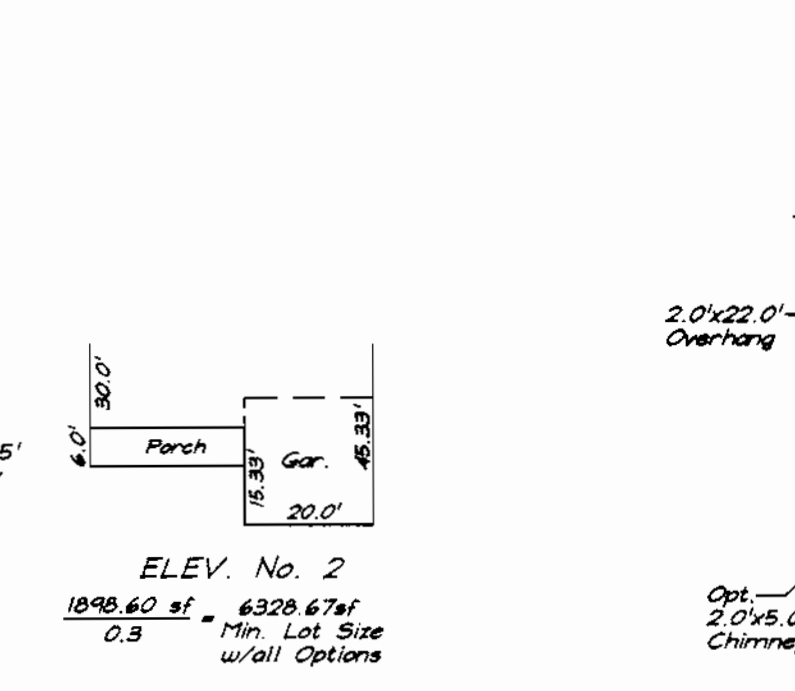
**ELEV. 1
PATRIOT II**
1978.32 sf = 5597.73sf
0.3 Min. Lot Size w/all Options
2139.32 sf = 7131.07sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



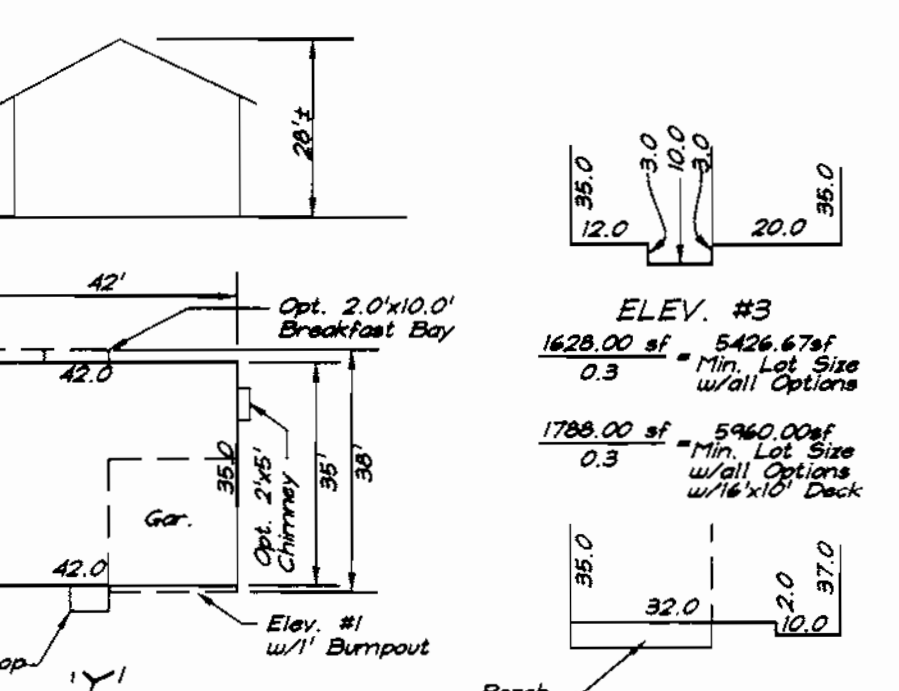
**ELEV. 1
PATRIOT II**
1763.01sf = 5876.70sf
0.3 Min. Lot Size w/10'x16' Deck
1923.01sf = 6410.03sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



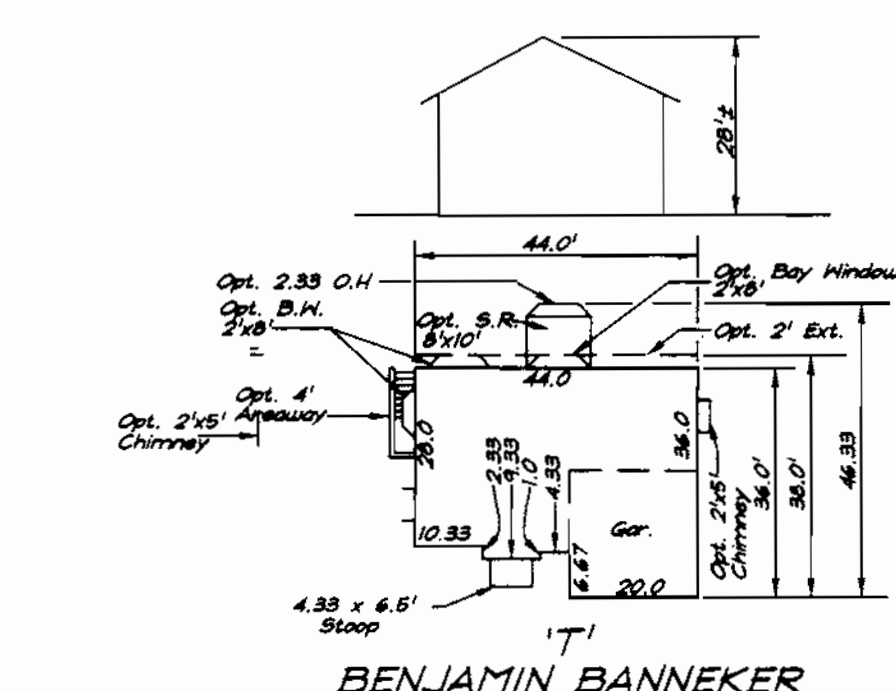
**ELEV. 1
ABRAHAM CLARK**
1812.62 sf = 5326.67sf
0.3 Min. Lot Size w/all Options
1972.62 sf = 5575.40sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



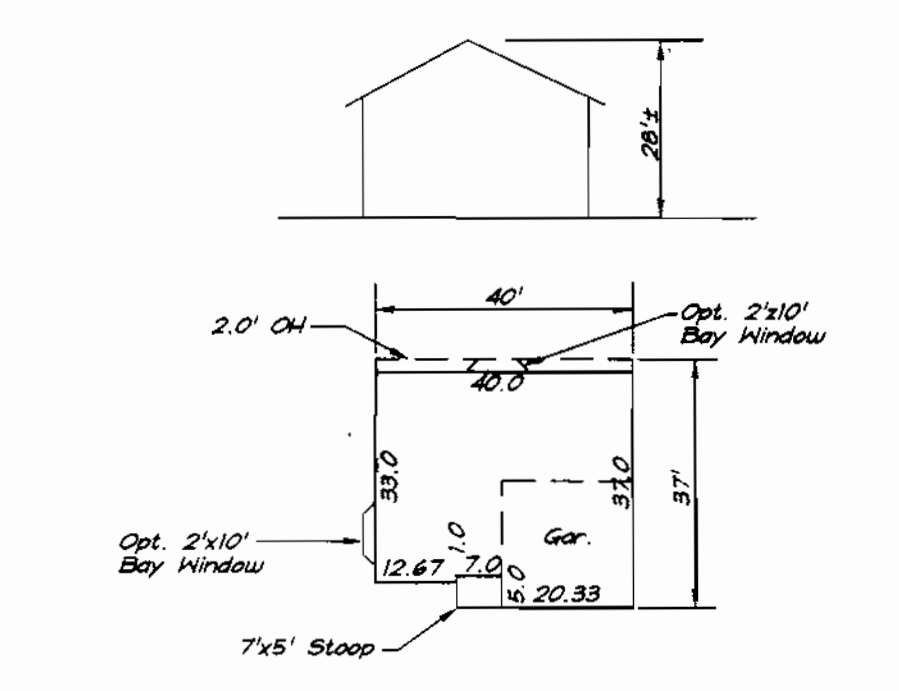
**ELEV. 2
PATRICK HENRY**
1898.60 sf = 6328.67sf
0.3 Min. Lot Size w/all Options
2058.60 sf = 6362.00sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



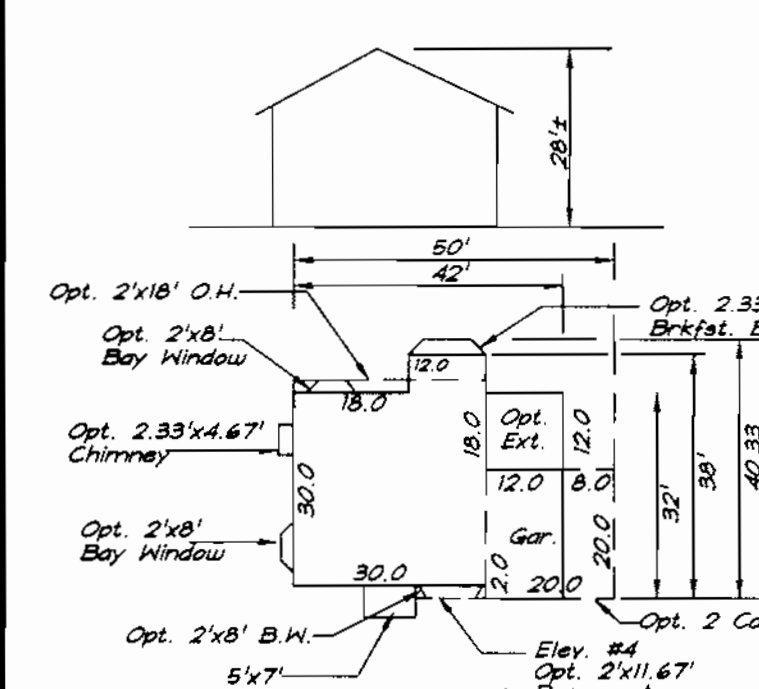
**ELEV. 1
PATRICK HENRY**
1598.00 sf = 5326.67sf
0.3 Min. Lot Size w/all Options
1758.00 sf = 5540.00sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



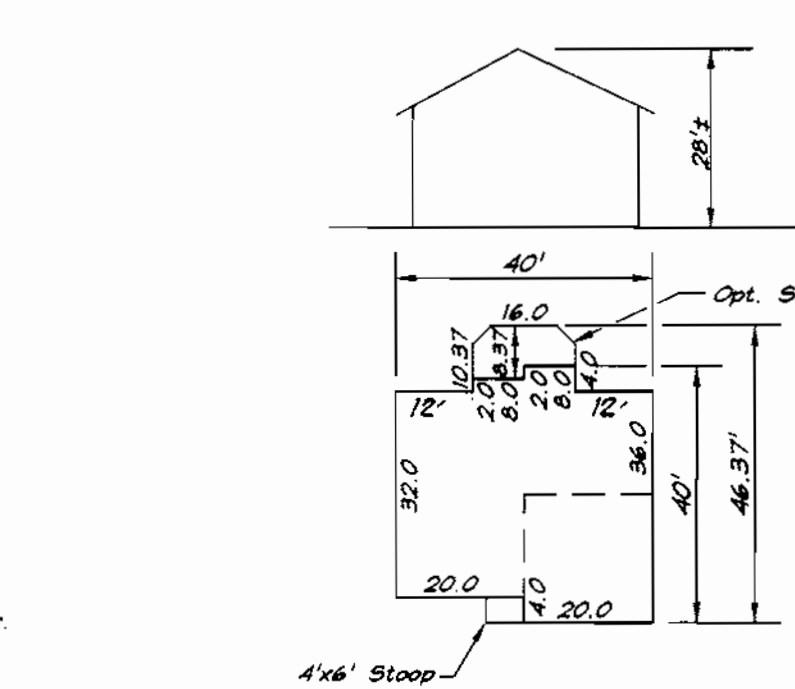
**ELEV. 1
BENJAMIN BANNEKER**
1471.0 sf = 4923.33sf
0.3 Min. Lot Size w/all Options
1631.00 sf = 5436.67sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



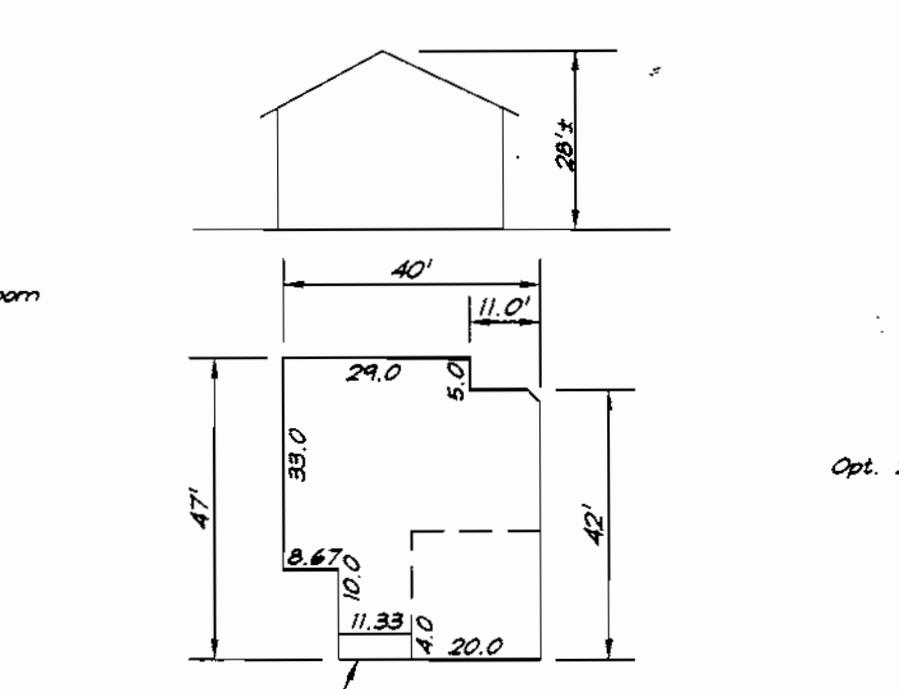
**ELEV. 1
BENJAMIN BANNEKER**
1525.32 sf = 5084.40sf
0.3 Min. Lot Size w/all Options
1695.23 sf = 5417.49sf
0.3 Min. Lot Size w/all Options w/10'x16' Deck



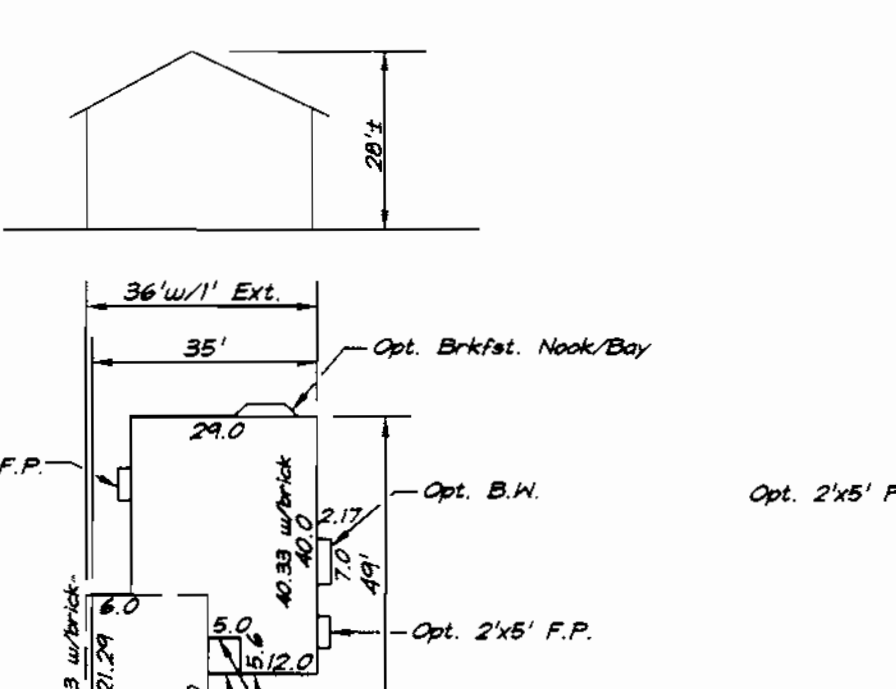
**ELEV. 1
JOHN ADAMS**
1824.88 sf = 6082.98sf
0.3 Min. Lot Size w/all Options
1984.88 sf = 6416.27sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



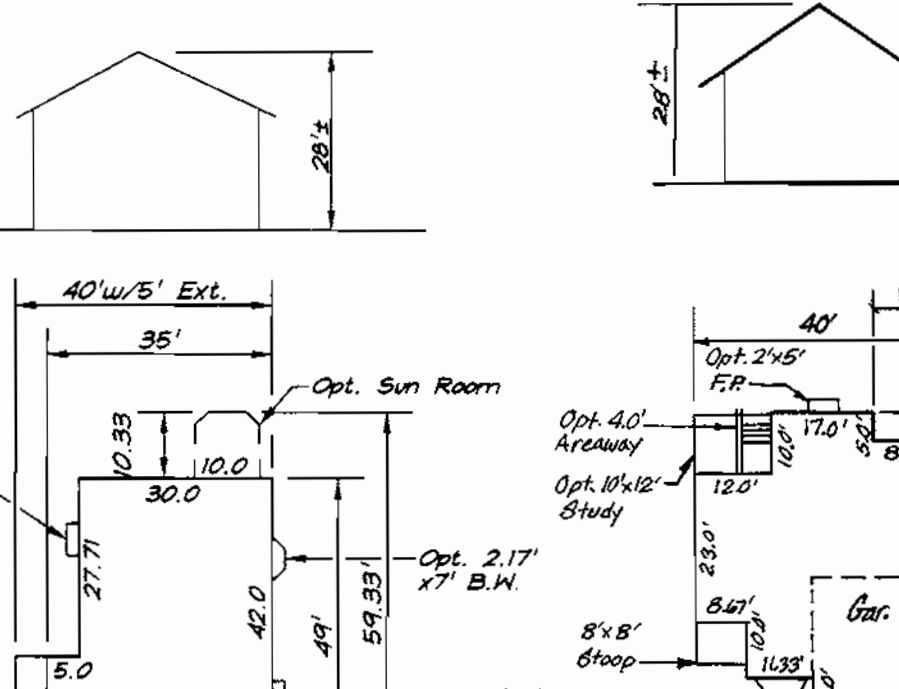
**ELEV. 1
JOHN ADAMS**
1592.00 sf = 5306.67sf
0.3 Min. Lot Size w/all Options
1700.42 sf = 5449.73sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



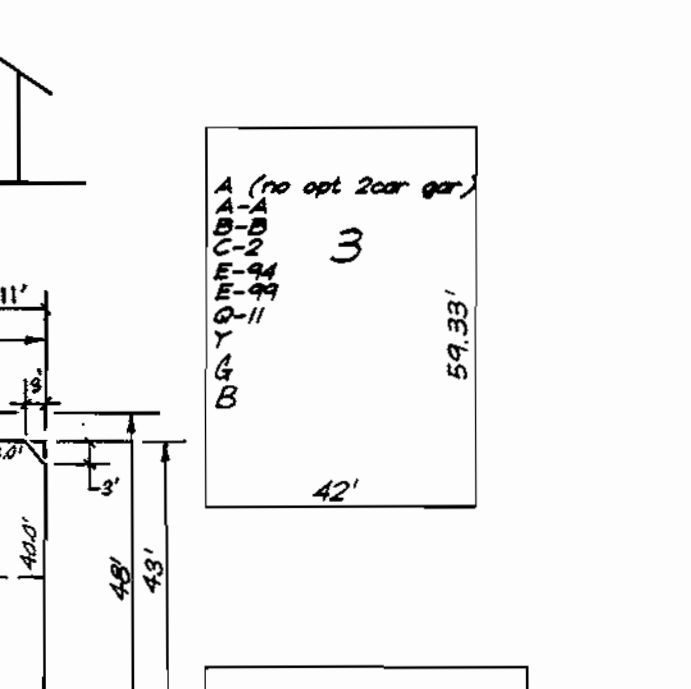
**ELEV. 1
JOHN ADAMS**
1658.78 sf = 4842.43sf
0.3 Min. Lot Size w/all Options
1618.78 sf = 5395.77sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



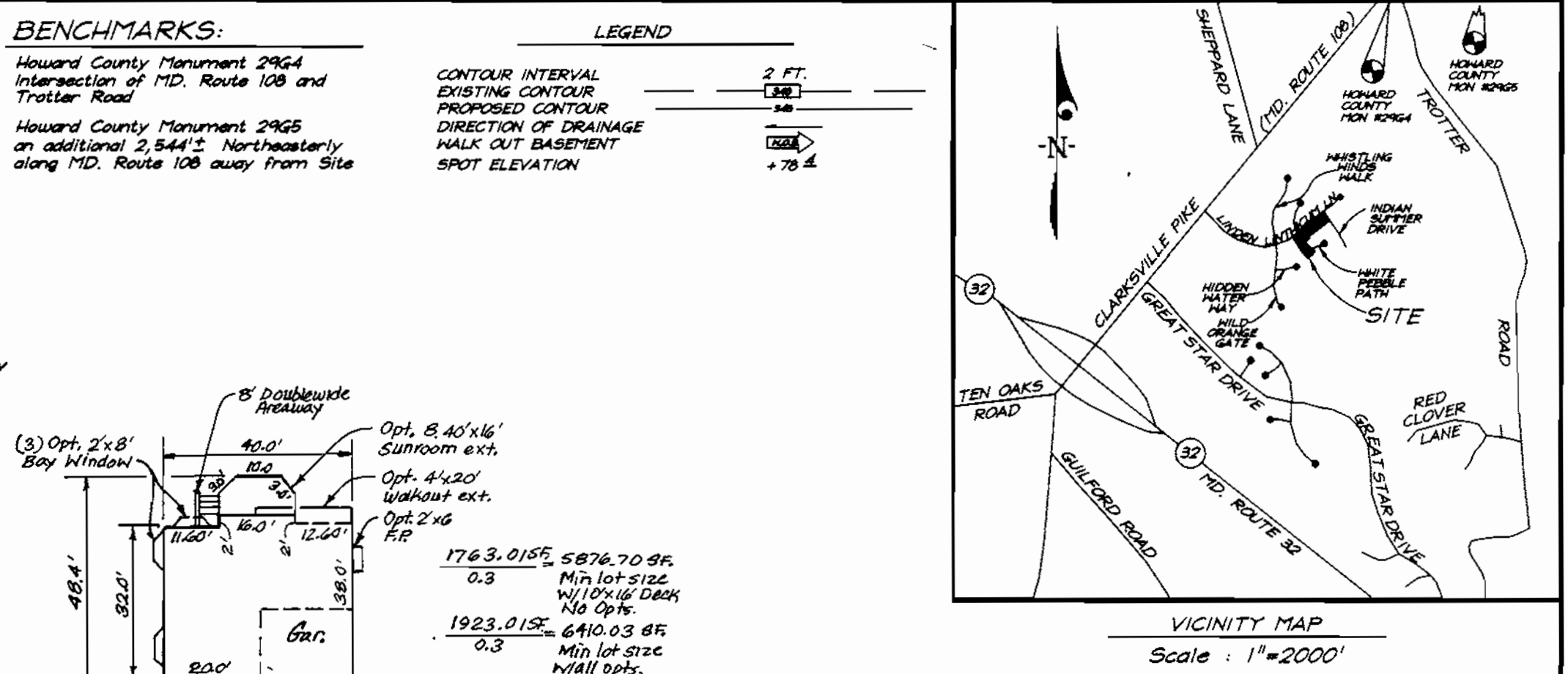
**ELEV. 1
JOHN ADAMS**
1458.78 sf = 4842.43sf
0.3 Min. Lot Size w/all Options
1618.78 sf = 5395.77sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



**ELEV. 1
JOHN ADAMS**
1780.39 sf = 5767.97sf
0.3 Min. Lot Size w/all Options
1890.39 sf = 6301.30sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck
1810.39 sf = 6034.63sf
0.3 Min. Lot Size w/all Options w/16'x10' Deck



**ELEV. 1
JOHN ADAMS**
1158.0 sf = 5833.3 sf
0.3 Min. Lot Size w/10'x16' Deck
1900.0 sf = 6333.3 sf
0.3 Min. Lot Size w/all Options incl. 10'x16' Deck



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

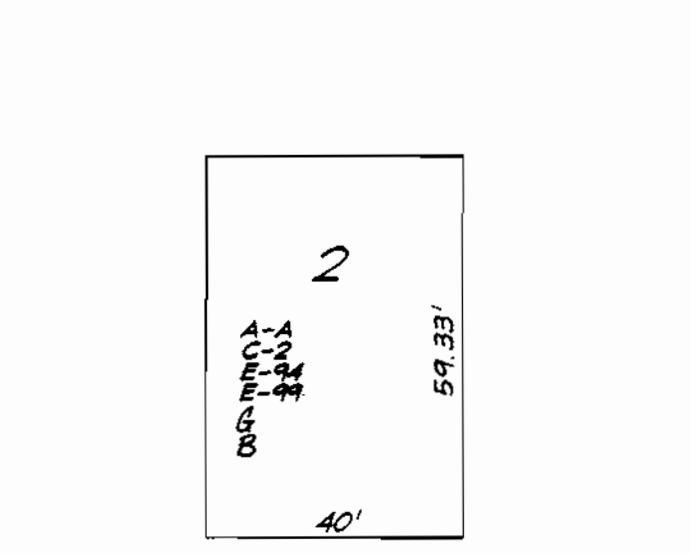
LEGEND
CONTOUR INTERVAL 2 FT.
EXISTING CONTOUR 10
PROPOSED CONTOUR 12
DIRECTION OF DRAINAGE
WALK OUT BASEMENT
SPOT ELEVATION +78.4

GENERAL NOTES:

- Subject property is zoned: NTSFMD per 10-18-93 Comprehensive Zoning Plan.
- The total area included in this submission is: 1.759 Acres.
- The total number of lots included in this submission is: 11
- Improvement to property: Single Family Detached
- The maximum lot coverage permitted is: 30%
- Department of Planning and Zoning reference file numbers: 5-93-21, F-95-12, F-96-102, WP-95-70.
- Utilities shown as existing are taken from approved Water and Sewer plans Contract #34-3586-D, approved Road Construction plans F-96-102, and actual field survey.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- All roadways are public and existing.
- The existing topography was taken from Road Construction Plans prepared by Morris & Ritchie Associates in January 1996.
- The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers: 2964 & 2965
- 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 and R.6.05.
- In accordance with FDP-Phase 222-A, Part V, 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. Araways may not project into any setbacks.
- SHC Elevations shown are at the Property lines.
- Stormwater Management is provided per: F-96-102. Quantity Stormwater Management for Section 4, Area 5 is provided by three facilities; the refurbished SWM Pond #1 South of Linden Linthicum Lane (F-96-89), The culvert at Great Star Drive (F-96-110) and SWM Pond #4 in Section 4, Area 4 (F-96-130). Quality Management for this section will be provided by two facilities: a shallow marsh facility at the end of Wild Orange Gate and an Extended Detention Facility within Pond #4 (F-96-130). The subdivision is located in the Patuxent River Area Sub-Basin and is a Class 1 Watershed.
- 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 15 landscape trees in the amount of \$3150.00 is part of the builders grading permit application, for lots 72, 76 and 94.

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
72	12186 Linden Linthicum Lane
73	12192 Linden Linthicum Lane
74	12188 Linden Linthicum Lane
75	12184 Linden Linthicum Lane
76	5807 White Pebble Path
77	5805 White Pebble Path
78	5816 White Pebble Path
79	5812 White Pebble Path
80	5808 White Pebble Path
81	5804 White Pebble Path
82	5800 White Pebble Path



SHEET INDEX

SHEET NO.	DESCRIPTION
1 of 3	SITE DEVELOPMENT PLAN/LANDSCAPE
2 of 3	EROSION CONTROL PLAN
3 of 3	SEDIMENT AND EROSION CONTROL PLAN

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

SPECIAL NOTES:
This plan is for house siting and site grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-102 and/or approved Water and Sewer Plans Contract #34-3586-D

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
VILLAGE OF RIVER HILL	4/5	72-77 and 90-94
PLAT NO.	BLOCK NO.	ZONE
12859 #12858	1	NTSFMD
TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
35	5th	6055
WATER CODE	SEWER CODE	
1-10	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 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 5 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN DV		DRAWING 1 of 3
CHECKED DM		JOB NO. 99-002
DATE 7-10-09	FOR: PATRIOT HOMES P.O. BOX 1018 Columbia, Maryland 21044	FILE NO. 99-002X

APPROVED: DEPARTMENT OF PLANNING & ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION
CHIEF, DIVISION OF LAND DEVELOPMENT
DIRECTOR

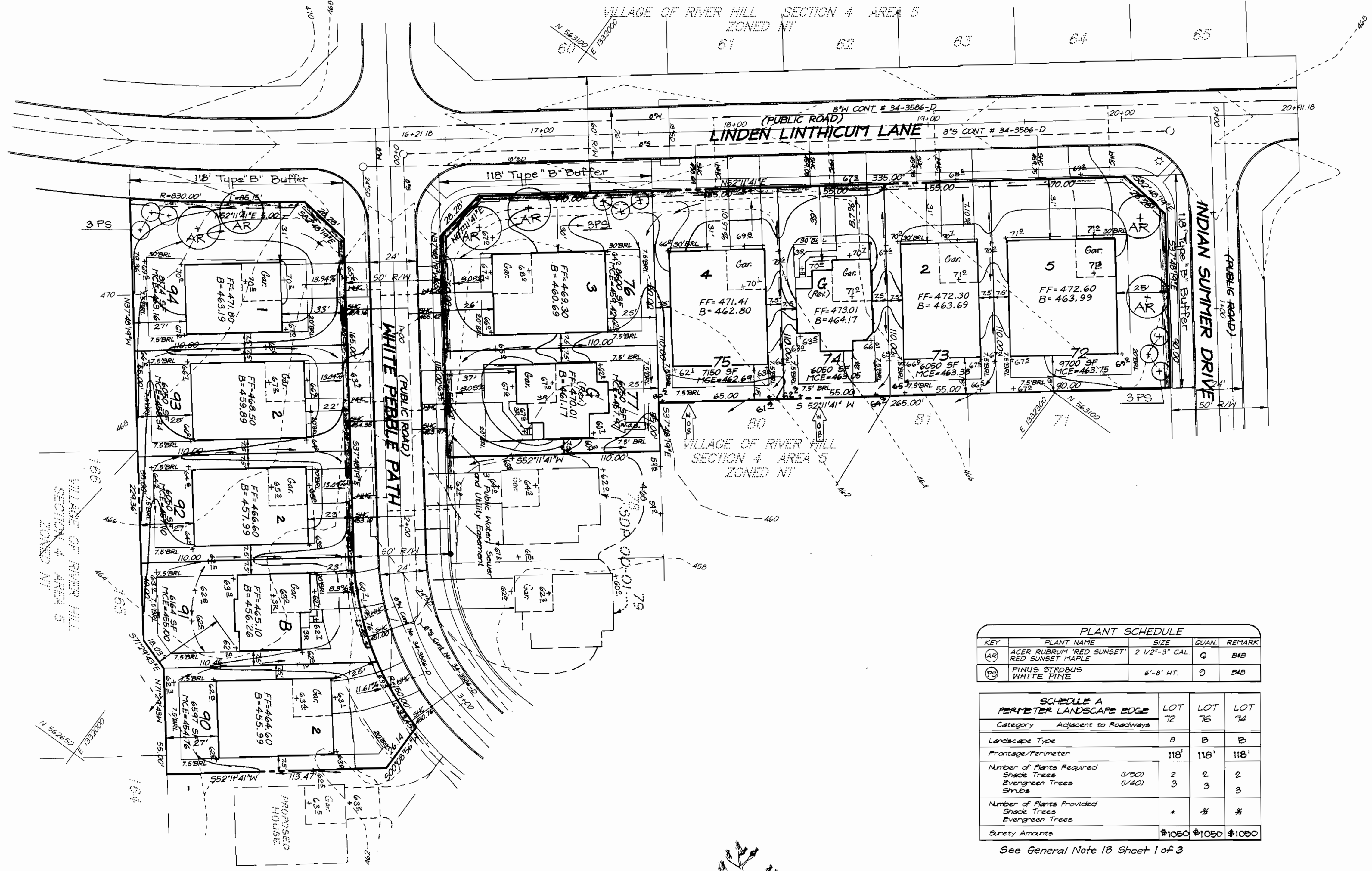
9/13/99
9/14/99
9/20/99

REVISIONS

NO	REVISIONS	DATE
3	Rev. 0 Hse Typ.	7-11-00
2	ADD 'B' Hse Typical to Plan & Gen. Boxes	11-28-99
1	ADD 'C' Hse Typical to Plan & Generic Boxes	10-29-99



REVISIONS		DATE
1	Rev. Hse & Grd lot 74	10-29-99
2	Rev. Hse & Grd lot 91	11-23-99
3	Rev. Hse & Grd lot 77	1-11-00



PLANT SCHEDULE				
KEY	PLANT NAME	SIZE	QUAN	REMARK
AR	ACER RUBRUM 'RED SUNSET'	2 1/2"-3" CAL	6	54B
	RED SUNSET MAPLE			
PS	PINUS STROBUS	6'-8' HT.	3	54B
	WHITE PINE			

SCHEDULE A PERIMETER LANDSCAPE EDGE				
Category	Adjacent to Roadways	LOT 72	LOT 76	LOT 94
Landscape Type		B	B	B
Frontage/Perimeter		118'	118'	118'
Number of Plants Required				
Shade Trees	(1/30)	2	2	2
Evergreen Trees	(1/40)	3	3	3
Shrubs				
Number of Plants Provided		*	*	*
Shade Trees				
Evergreen Trees				
Surety Amounts		\$1050	\$1050	\$1050

See General Note 18 Sheet 1 of 3

- NOTES:
- All plant materials shall be full and heavy, be well formed and symmetrical, conform to the most current AAN specifications and be installed in accordance with HPO planting specifications.
 - Contractor shall verify location of all underground utilities prior to digging.
 - Final location of plant material may need to vary to meet final field conditions. Trees shall not be planted in the bottom of change 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 excavation year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Name: R.W. KUNKLE Date: 8-25-99

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

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 ENGINEERS • PLANNERS • SURVEYORS

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DESIGNED	SITE DEVELOPMENT PLAN LOTS 72-77 and 90-94 COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 5 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE
DM		1" = 30'
DRAWN		DRAWING
DV		2 of 3
CHECKED		JOB NO
DM	99-002	FILE NO
DATE	FOR PATRIOT HOMES	99-002X
7-16-99	P.O. BOX 1018 Columbia, Maryland 21044	

APPROVED: DEPARTMENT OF PLANNING & ZONING

[Signature] 9/1/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 9/14/99
 CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 9/20/99
 SUPERVISOR

