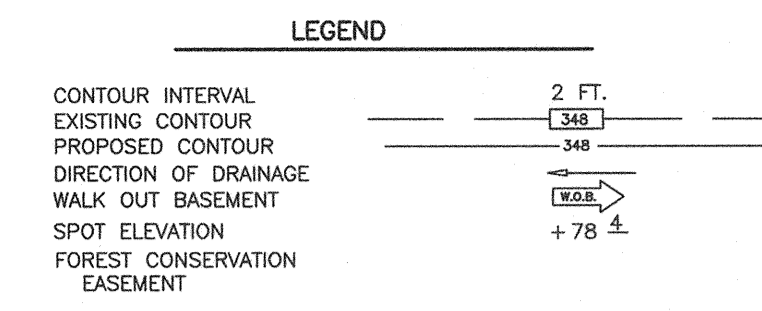
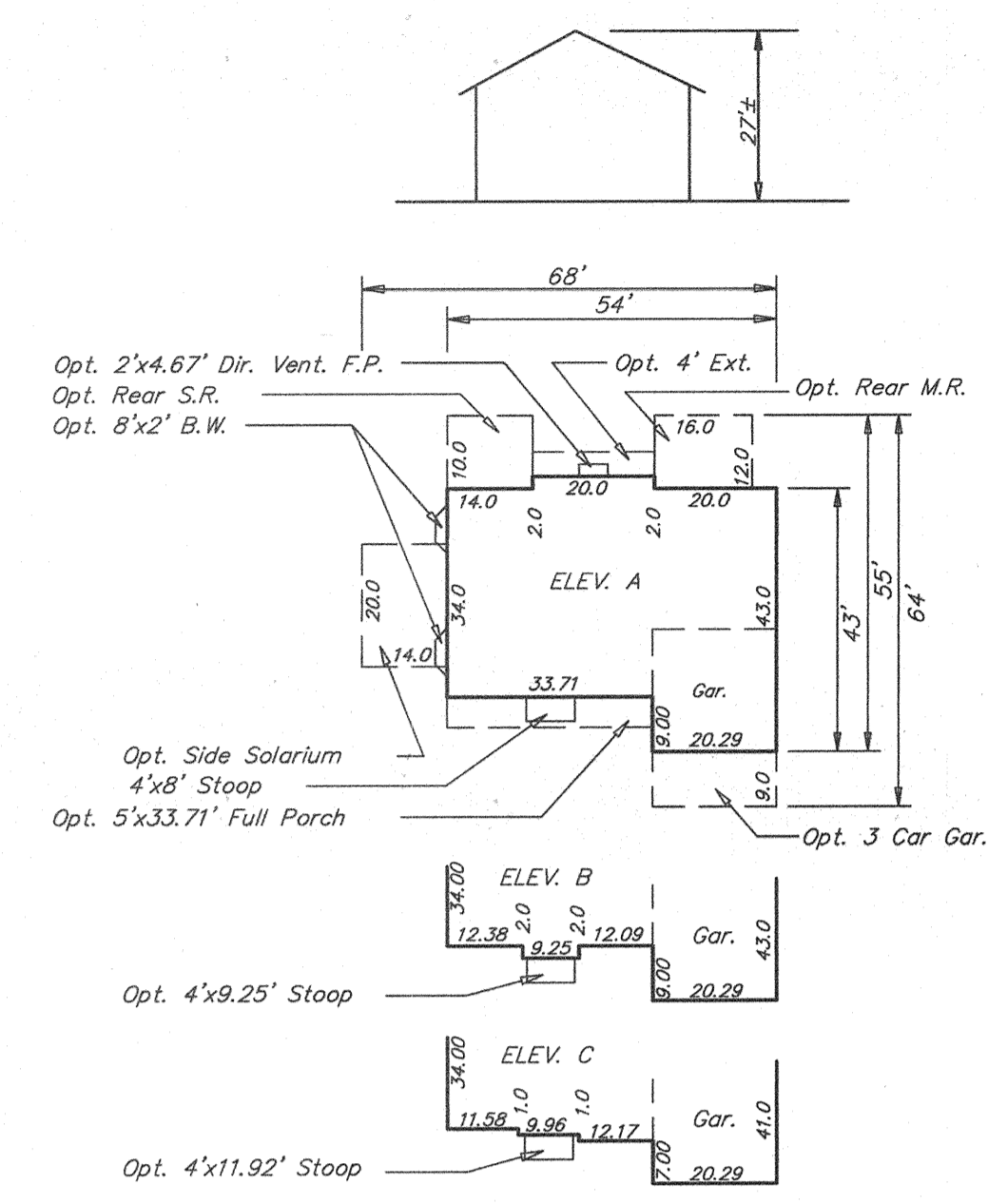
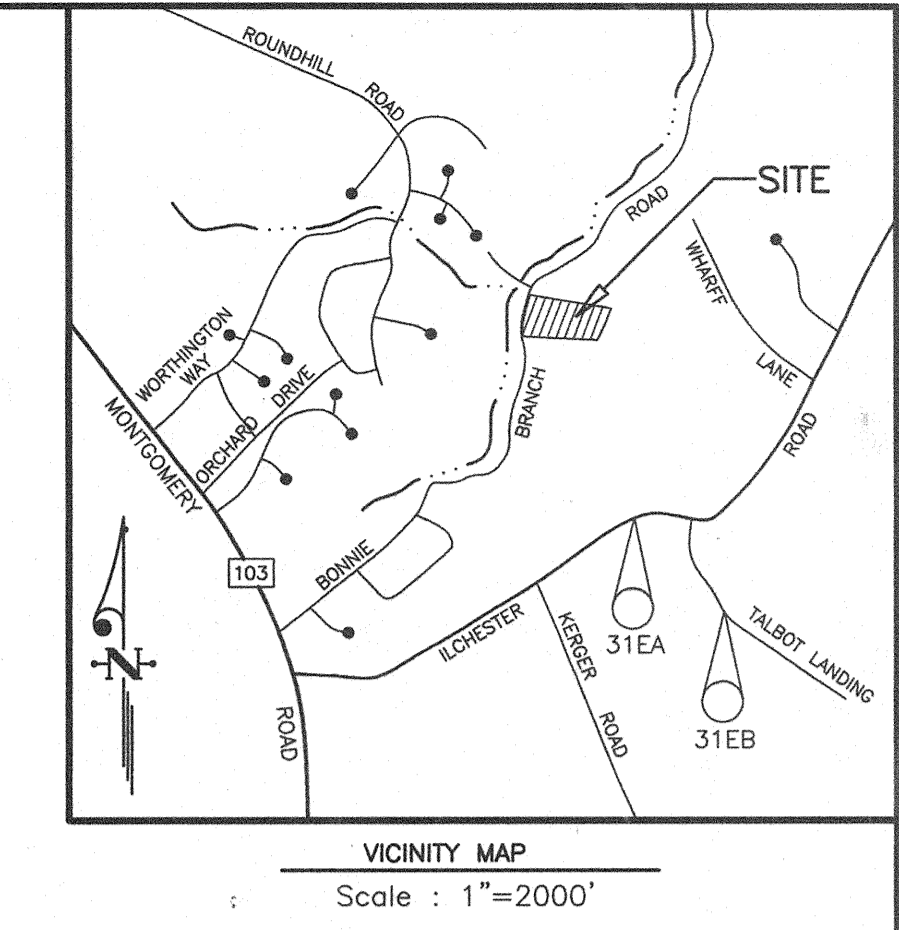


SHEET INDEX	
SHEET	DESCRIPTION
1	SITE DEVELOPMENT PLAN SHEET 1 of 2
2	SITE DEVELOPMENT PLAN SHEET 2 of 2
3	SEDIMENT AND EROSION CONTROL
4	SEDIMENT AND EROSION CONTROL DETAILS

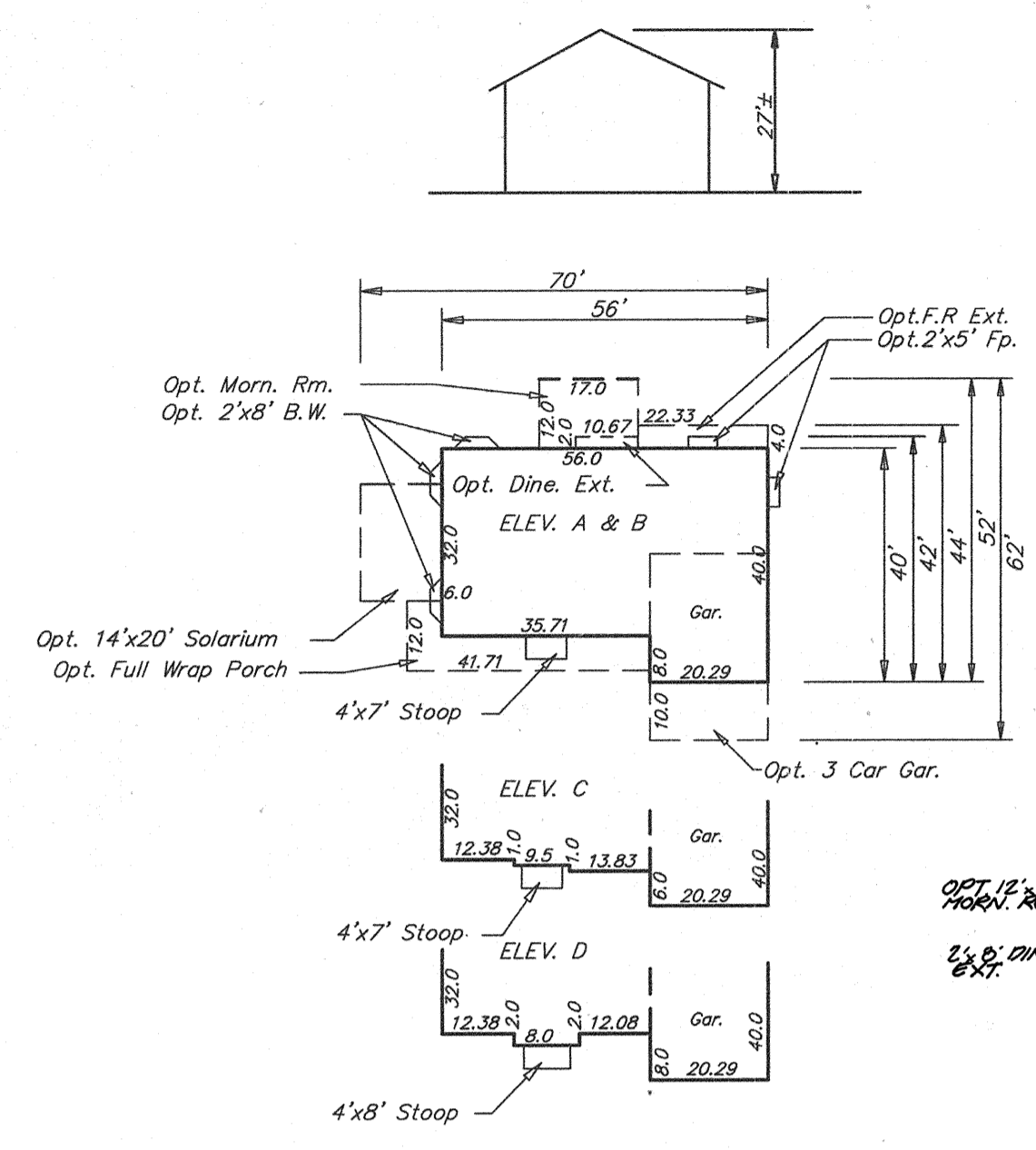
ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
5	7811 Gregamin Court
6	7819 Gregamin Court
7	7823 Gregamin Court
8	7827 Gregamin Court
10	7831 Gregamin Court
11	7835 Gregamin Court
12	7838 Gregamin Court
13	7834 Gregamin Court
14	7830 Gregamin Court
15	7826 Gregamin Court



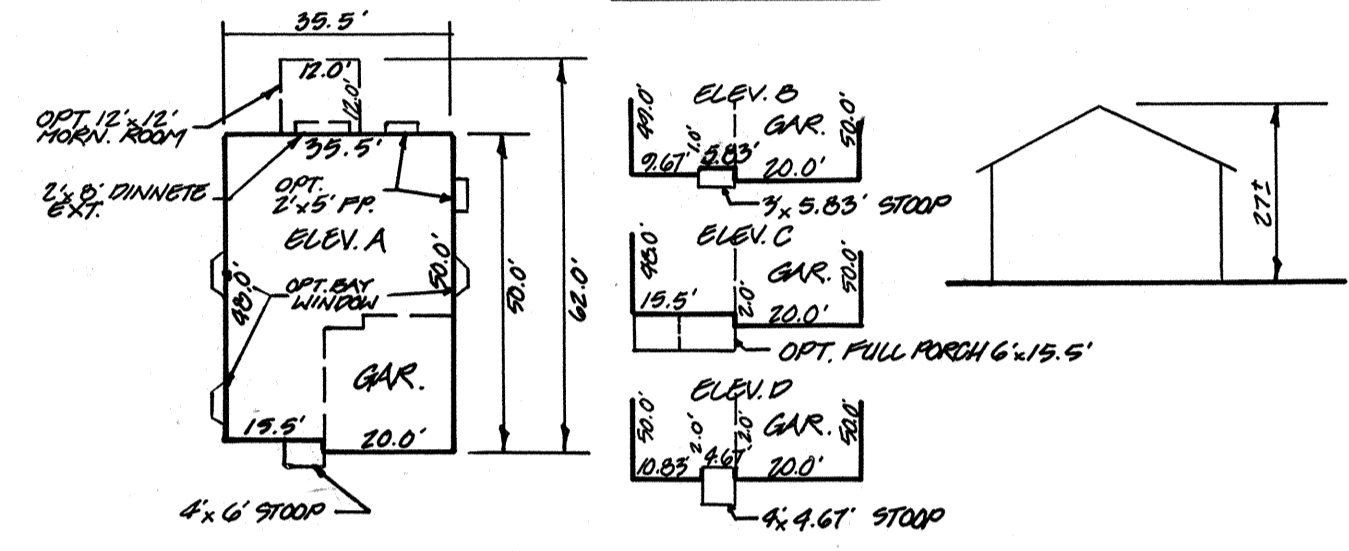
BENCHMARKS:
 Howard County Monument #31EA
 #31EA - Concrete Monument
 Elevation: 469.603
 Location: N569641.123 E1,374,815.935
 Howard County Monument #31EB
 #31EB - Concrete Monument
 Elevation: 453.396
 Location: N566730.984 E1,376,273.491



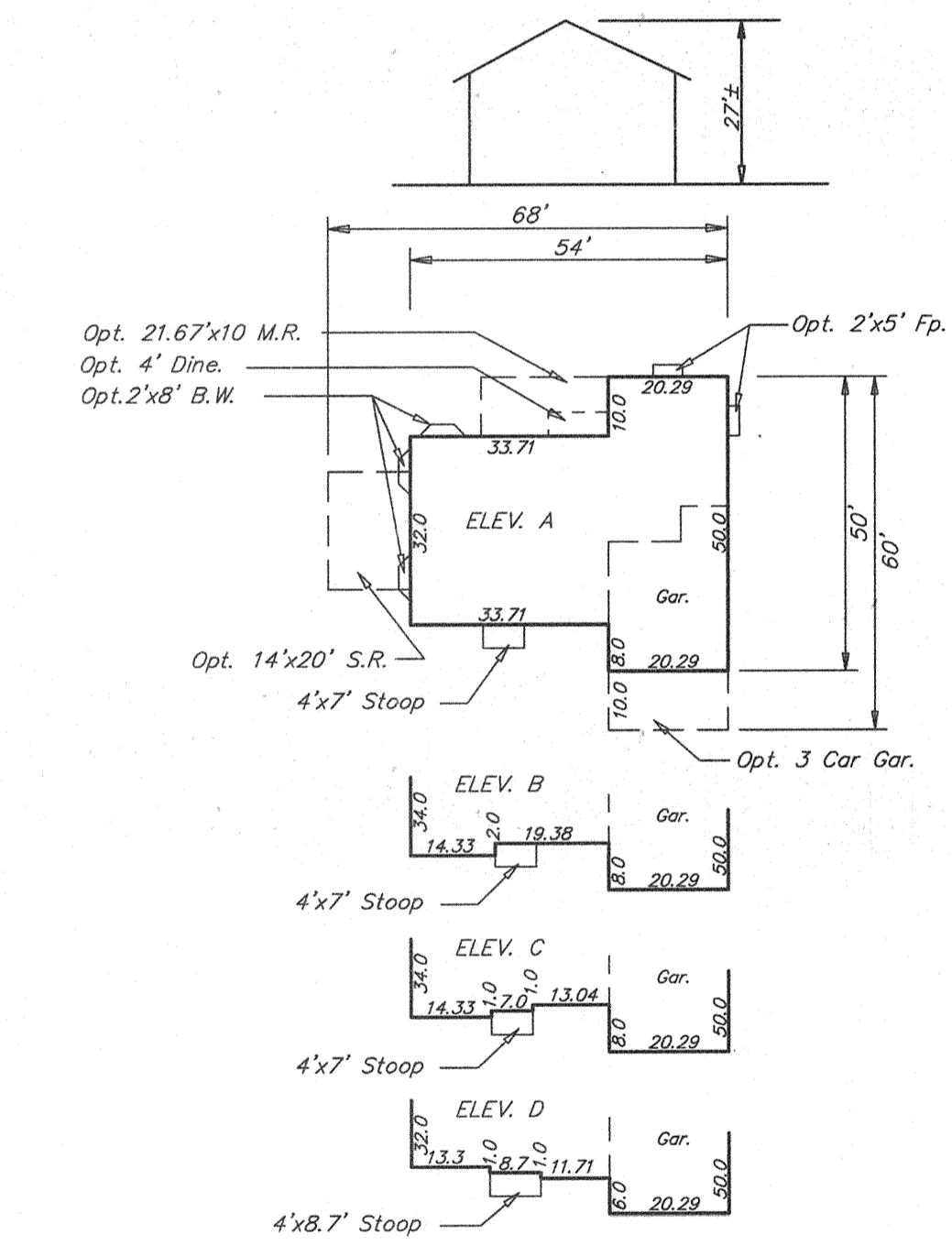
AVALON



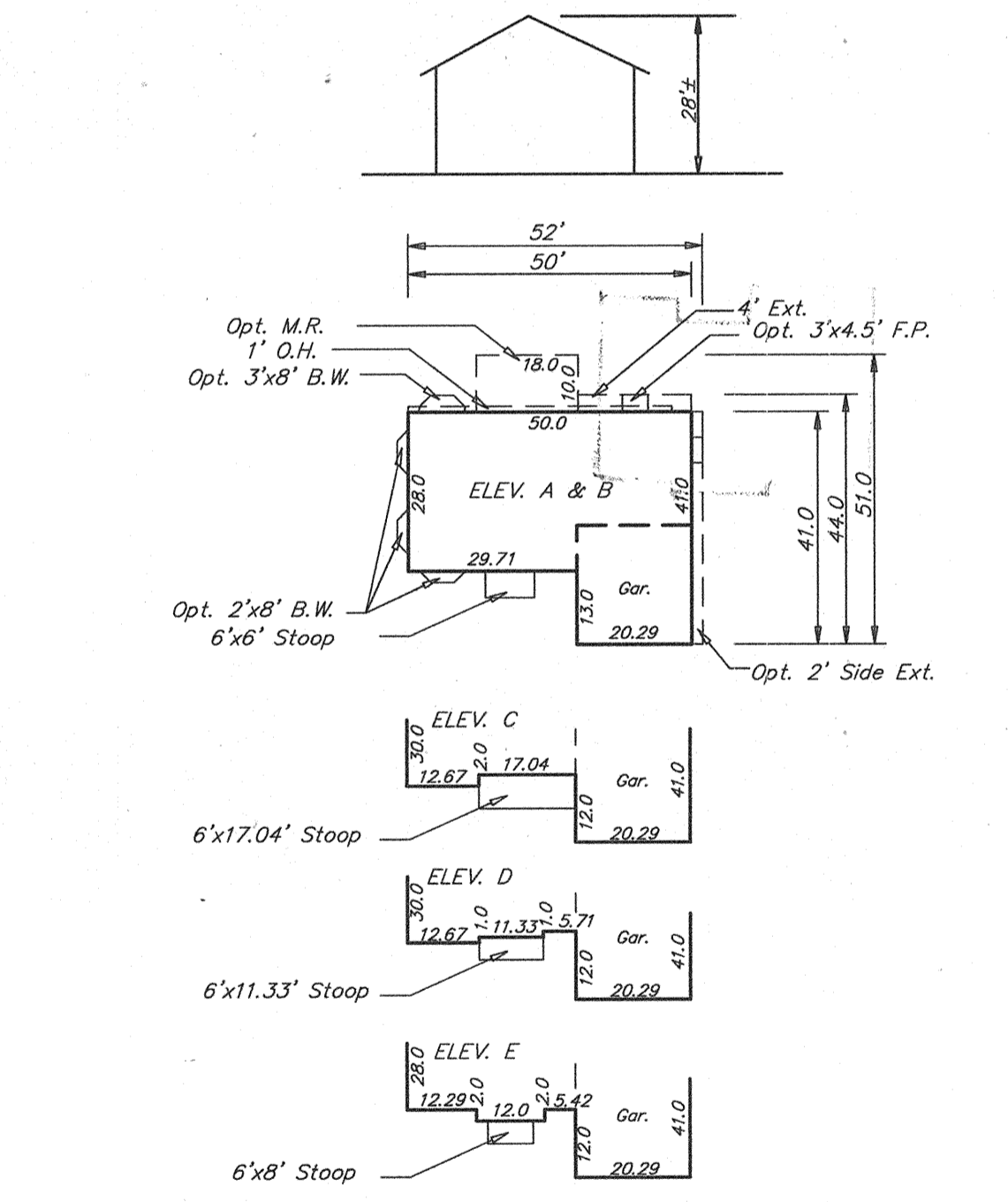
CHANDLER



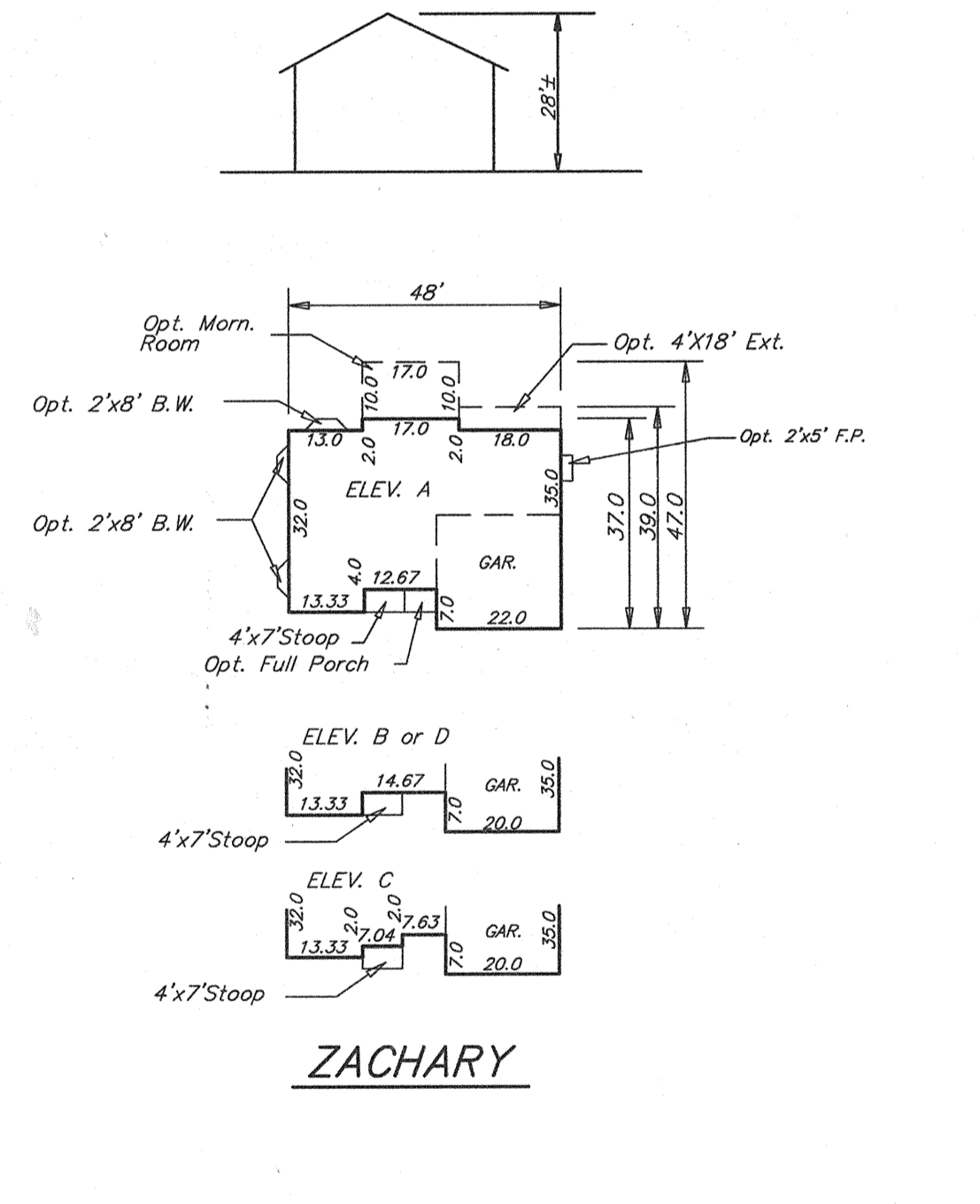
TAYLOR



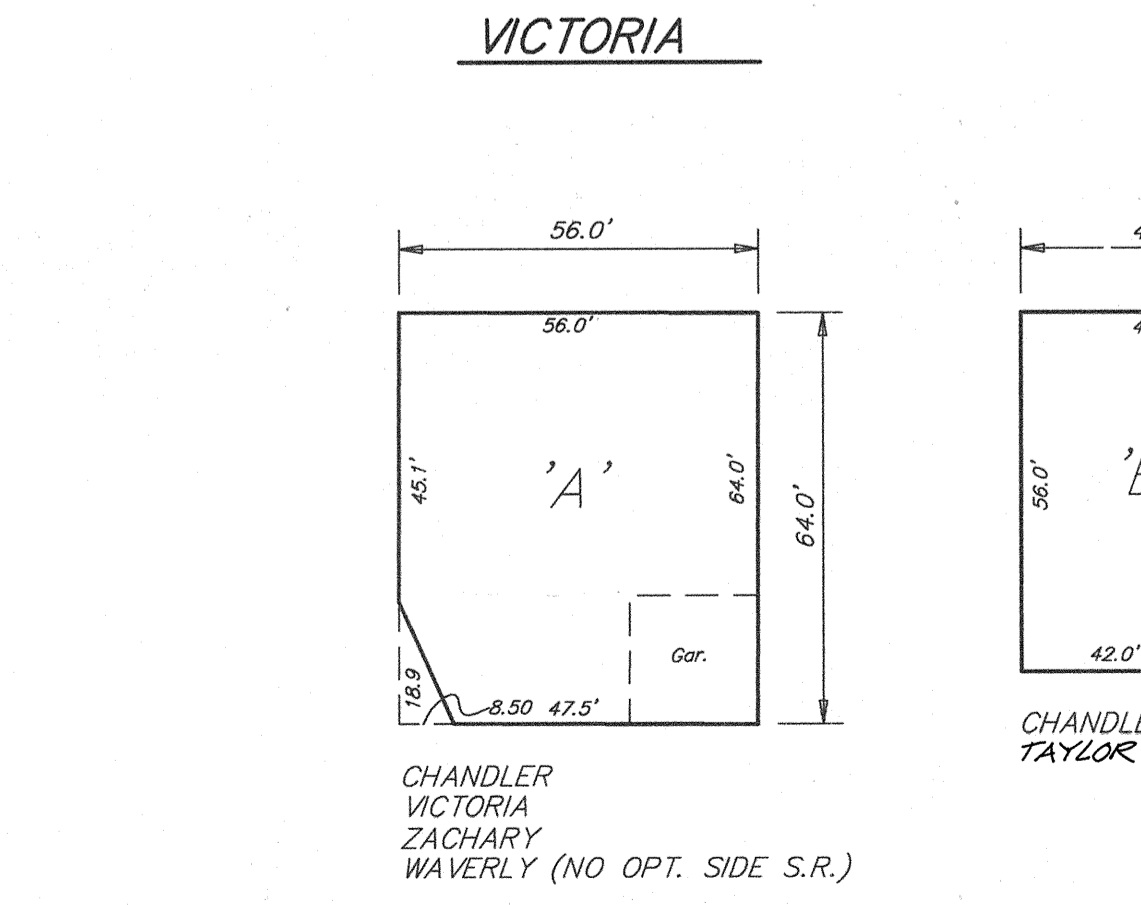
WAVERLY



COURTLAND

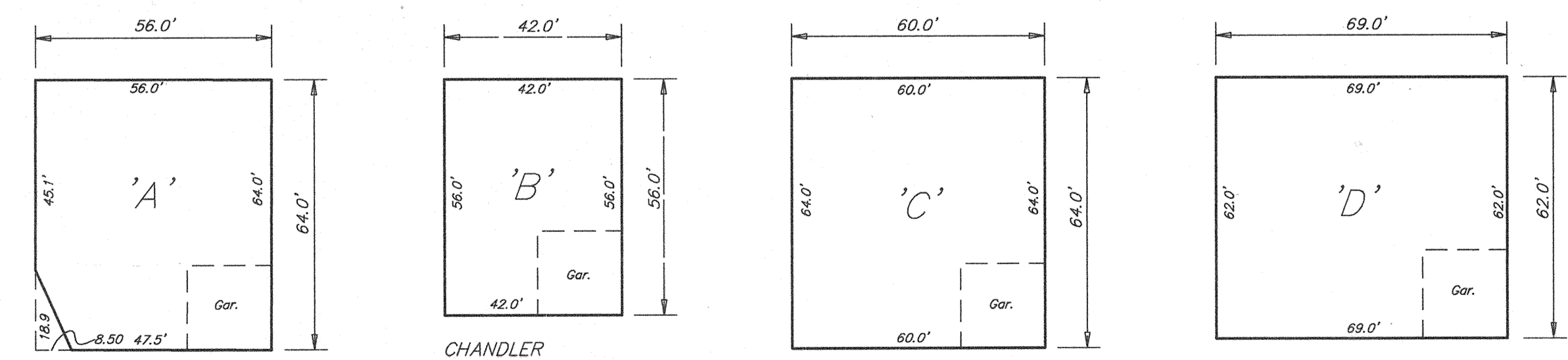


ZACHARY



VICTORIA

GENERIC BOXES



CHANDLER
 TAYLOR
 AVALON (NO OPT. SIDE SOLARIUM)
 CHANDLER
 VICTORIA
 WAVERLY (NO OPT. SIDE S.R.)
 ZACHARY
 AVALON
 CHANDLER
 COURTLAND (NO OPT. SIDE SOLARIUM)
 VICTORIA
 WAVERLY
 ZACHARY

- The Forest Conservation requirement of section 16.1200 of the Howard County Code: Forest Conservation Act, has been met by the reforestation of 1.26 acres offsite. Financial surety for the onsite Forest Conservation obligations for this subdivision are \$5,189.00 for retention of 0.94 acres of forest and \$2,396.00 for onsite reforestation of 0.11 acres. Financial surety for off-site reforestation is \$27,443.00. Financial Surety for the required Forest Conservation has been posted part of Developer Agreement, F-01-208.
- This plan is subject to the Amended 5th Edition of the Subdivision and Land Development Regulations per Council Bill No. 45-2003 and the Zoning Regulations as amended by Council Bill 45-2003. Development or construction on these lots must comply with setback and buffer regulations in effect at the time of submission of the site development plan, waiver petition application, or building/grading permit.
- SHC Elevations shown are at the Property lines.
- Driveways shall be provided prior to issuance of a use and occupancy permit for any new dwellings to insure safe access for fire and emergency vehicles per the minimum requirements:
 (a) Width-12' (14' serving more than one residence);
 (b) Surface-6" of compacted crusher run base with tar and chip coating (1-1/2" min.);
 (c) Geometry-max. 15% grade, max. 10% grade change and min. 45' turning radius;
 (d) Structures (culverts/bridges) - capable or supporting 25 gross tons (H25 loading);
 (e) Drainage elements-capable of safely passin 100-year flood with no more than 1 foot depth over driveway surface;
 (f) Maintenance-sufficient to insure all weather use.
- Stormwater management is provided by onsite facilities. Stormwater management facility 1 and 2 is a detention/retention (wet pond) facility.
- Open space requirements for these lots have been provided under F-01-208.
- No clearing, grading or construction is permitted within the required wetland, stream buffers or forest conservation areas except for the work associated with the approved construction plans. All forest to remain within the areas shown as "Forest Conservation Easement" meet the minimum requirements of the forest conservation act.
- No clearing, grading, or construction is permitted within the forest conservation easement. However, forest management practices as defined in the deed of forest conservation are allowed.
- Storm Water Management facilities will be required on the parcels shown on this plan in accordance with the design manuals prior to signature approval of the Site Development Plan. The developer will be required to execute the Developer's Agreement for the construction of the Storm Water Management Facility and a Maintenance Agreement. The Stormwater Management Facilities are to be constructed as a part of this Subdivision. Construction may only begin after the approval of the construction drawings for the further subdivision of lot 3.
- The 4'x10' concrete and refuse recycle pad (6 inches in depth) located in Bonnie Branch Road Public Right of Way, will be maintained by the Homeowner's Association.
- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual. Financial surety for the required perimeter landscaping for twelve (12) shade trees and four (4) evergreen trees in the amount of \$4200.00 is part of the builders grading permit application for Lots 5-8 and 10-15. Refer to sheet 5 of 5 for individual lot landscaping and surety amounts required per lot.

GENERAL NOTES:

- Subject property is zoned R-20 per the February 2, 2004 Comprehensive Zoning Plan, and in accordance with the 2004 Zoning Regulations.
- The total area included in this submission is: 3.1895 Acres.
- The total number of lots included in this submission is: 10
- Improvement to property: Single Family Detached
- Department of Planning and Zoning reference file numbers: WP-01-139; F-01-208; SP-02-02; F-04-078; F05-028.
- Utilities shown as existing are taken from approved Water and Sewer plans Contract #14-4210-D, approved Road Construction plans F-01-208, and actual field survey.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- All roadways are existing per F-01-208.
- The existing topography was taken from Clark, Finefrock, & Sackett dated July 2000.
- 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: 31EA & 31EB
- 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 Section 128 of the Ho. Co. zoning regulations, bay windows or chimneys not more than 16 feet in width may project not more than 4 feet into any setbacks; porches or decks, opened or enclosed, may project not more than 10 feet into the front or rear setbacks.
- Stormwater Management is provided per F-01-208. The developer will be required to execute the Developer's Agreement for the construction of the Stormwater Management facility and a Maintenance Agreement.
- There are no wetlands or stream buffers on this site.
- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way only, and not onto the flag or pipestem lot driveway.
- All driveways will be private and all maintenance will be shared with each homeowner using the driveway. Maintenance agreements for the shared access easements are recorded in the land records of Howard County, Maryland.
- Waiver Petition, WP-01-139, was granted per letter dated August 2, 2001. action was taken to waive section 16.121(e), requiring 40' fronting on a public road for open space lots.
- The Homeowners Association Articles of Incorporation have been accepted by the State of Department of Assessment and Taxation on the 4th day of August, 2003.

OWNER / DEVELOPER

BONNIELASS, LLC
 8835-P COLUMBIA 100 PARKWAY
 COLUMBIA, MARYLAND 21045

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-01-208 and/or approved Water and Sewer Plans Contract #14-4210-D.

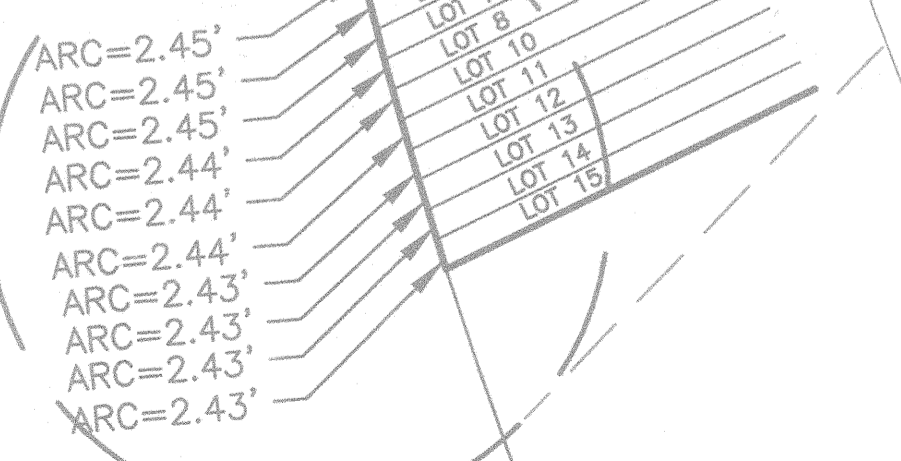
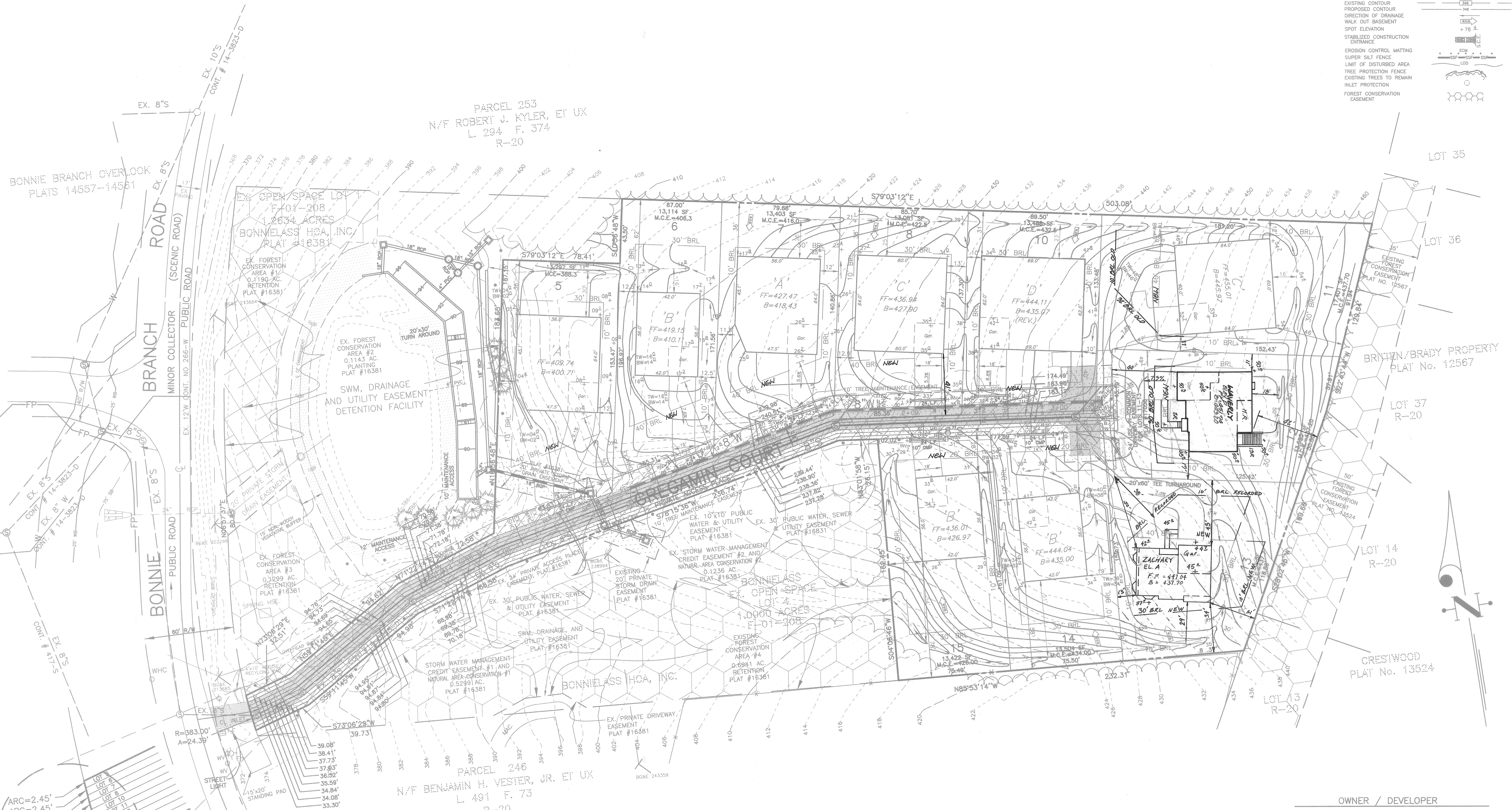
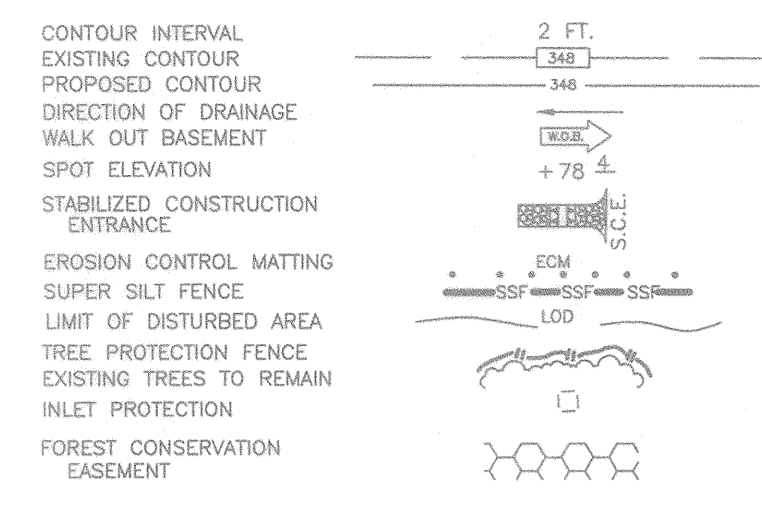
SUBDIVISION NAME		SECTION/AREA	LOTS/PARCELS	
BONNIELASS		N/A	5-8 AND 10-15 AND 14-15	
PLAT NO.	BLOCK NO.	ZONE	TAX MAP NO.	ELECTION DIST.
17058/16381	N/A	R-20	31	1st
WATER CODE		SEWER CODE		
#34-W		#S-6127		
CLARK · FINEFROCK & SACKETT, INC.				
ENGINEERS · PLANNERS · SURVEYORS				
7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.				
DESIGNED	SINGLE FAMILY DETACHED SITE DEVELOPMENT PLAN			SCALE
R.L.	LOTS 5-8 AND 10-15 AND 14-15			1" = 30'
DRAWN	BONNIELASS			DRAWING
R.L.	TAX MAP #31 GRID 9 PARCEL 254			1 of 5
CHECKED	1st ELECTION DISTRICT			JOB NO.
D.A.R.	HOWARD COUNTY, MARYLAND			03-066
DATE	FOR: RYAN HOMES	P.O. BOX 1018		FILE NO.
12-07-04	Columbia, Maryland 21044			03-066-X



APPROVED: DEPARTMENT OF PLANNING & ZONING
 5/16/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 5/25/05
 CHIEF, DIVISION OF LAND DEVELOPMENT
 6/1/05
 DIRECTOR

NO.	REVISION	DATE
1	REV. HSE. AND GRADE LOT 10 FROM GENERIC BOX 'D' TO HAVERY EL D	7-23-05
2	REV. HSE. AND GRADE LOT 13 FROM GENERIC BOX 'B' TO ZACHARY EL. A	11-07-05

LEGEND



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

5/16/05
 5/25/05
 6/1/05

DEVELOPER'S/BUILDER'S CERTIFICATE

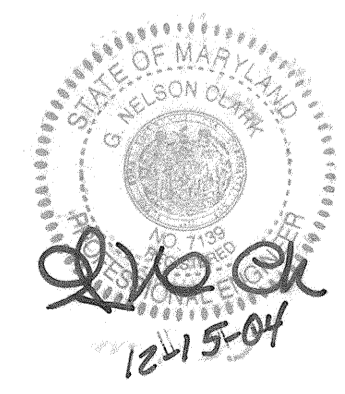
"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training 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 its authorized agents, as are deemed necessary."

NAME: *Paul Vester, Jr.* DATE: 12-15-04

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.

NAME: *G. Nelson Clark* DATE: 12-15-04



OWNER / DEVELOPER
 BONNIELASS, LLC
 8835-P COLUMBIA 100 PARKWAY
 COLUMBIA, MARYLAND 21045

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

7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.

DESIGNED R.L.	SINGLE FAMILY DETACHED SITE DEVELOPMENT PLAN BONNIELASS	SCALE 1" = 30'
DRAWN R.L.		DRAWING 2 of 5
CHECKED D.A.R.	TAX MAP #31 GRID 9 PARCEL 254 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 03-066
DATE 12-07-04		FOR: RYAN HOMES P.O. BOX 1018 Columbia, Maryland 21044

NO.	REVISION	DATE
1	REV. HSE AND GRADE LOT 15 FROM GENERIC BOX B TO ZACHARY EL. A	11-01-05

LEGEND

- CONTOUR INTERVAL 2 FT.
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- SPOT ELEVATION
- STABILIZED CONSTRUCTION ENTRANCE
- EROSION CONTROL MATTING
- SUPER SILT FENCE
- LIMIT OF DISTURBED AREA
- TREE PROTECTION FENCE
- EXISTING TREES TO REMAIN
- INLET PROTECTION
- FOREST CONSERVATION EASEMENT

PARCEL 253
N/F ROBERT J. KYLER, ET UX
L 284 F. 374
R-20

BONNIE BRANCH OVERLOOK
PLATS 14557-14561

BONNIE BRANCH ROAD
MINOR COLLECTOR (SCENIC ROAD)
PUBLIC ROAD

SWM, DRAINAGE
AND UTILITY EASEMENT
DETENTION FACILITY

PARCEL 246
N/F BENJAMIN H. VESTER, JR. ET UX
L 481 F. 73
R-20

DEVELOPER'S/BUILDER'S CERTIFICATE

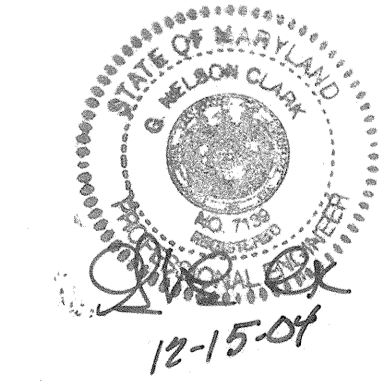
"We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training 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."

NAME: *[Signature]* DATE: 12-15-04

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.

NAME: G. NELSON CLARK DATE: 12-15-04



OWNER / DEVELOPER

BONNIELASS, LLC
8835-P COLUMBIA 100 PARKWAY
COLUMBIA, MARYLAND 21045

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

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED R.L.	SINGLE FAMILY DETACHED SEDIMENT AND EROSION CONTROL PLAN	SCALE 1" = 30'
DRAWN R.L.	LOTS 5-8 AND 10-13 AND 14-15	DRAWING 3 of 5
CHECKED D.A.R.	BONNIELASS	JOB NO. 03-066
DATE 12-07-04	TAX MAP #31 GRID 9 PARCEL 254 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 03-066-SE

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

SDP-05-014

- ARC=2.45'
- ARC=2.45'
- ARC=2.45'
- ARC=2.44'
- ARC=2.44'
- ARC=2.44'
- ARC=2.43'
- ARC=2.43'
- ARC=2.43'
- ARC=2.43'

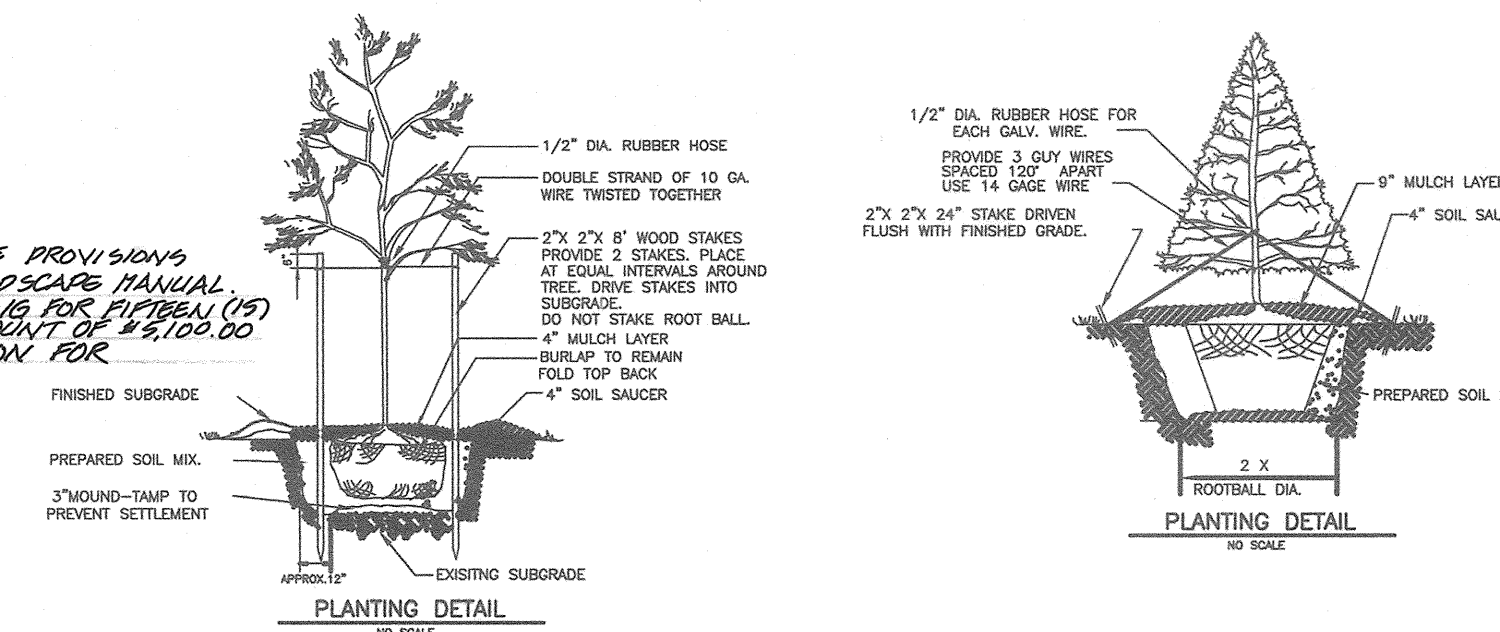
APPROVED: DEPARTMENT OF PLANNING & ZONING
[Signature] 5/16/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION M&Z
[Signature] 5/15/05
 CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] 4/15
 DIRECTOR

// C:\p-aru\p\quantity\03066\03066-00-098BONNIELASS\SITE DEV PLAN\03066X.DWG

GENERAL NOTES:

- The owner, tenant, and/or their agents shall be responsible for maintenance of the required landscaping, plant materials, berms, fences and walls. All plant materials shall be maintained in good growing condition, and when necessary, replaced with new materials to ensure continued compliance with applicable regulations. All other required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced.
- 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 HRD 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.

3. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.12.0 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL FINANCIAL SURETY FOR THE REQUIRED PERIMETER LANDSCAPING FOR FIFTEEN (15) SHADE TREES AND FOUR (4) EVERGREEN TREES IN THE AMOUNT OF \$1,000.00 TO BE PAID BY THE BUILDER'S GRADING PERMIT APPLICATION FOR LOTS 5-B AND 10-12 AND 14-15.



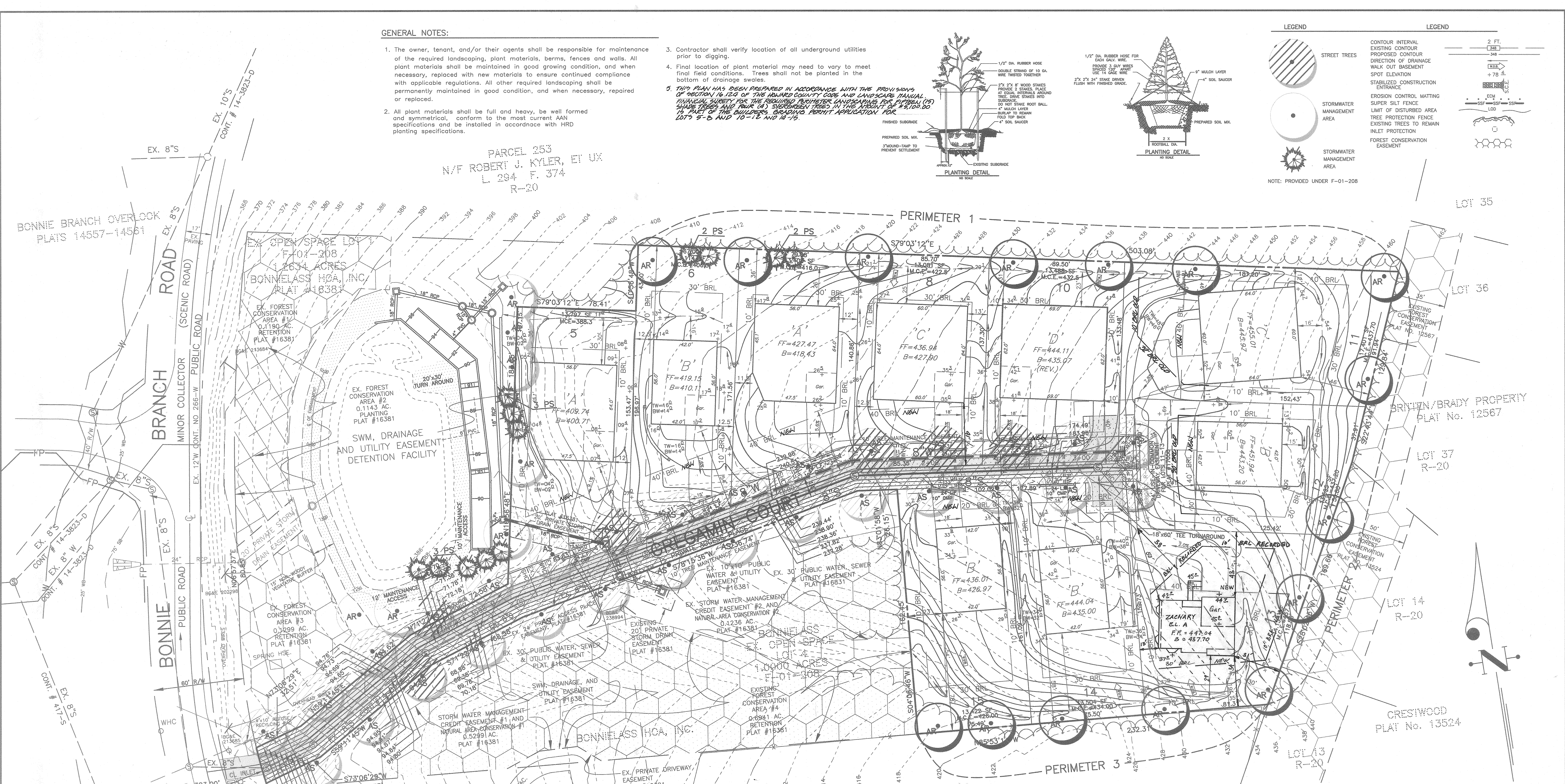
LEGEND

- STREET TREES
- STORMWATER MANAGEMENT AREA
- STORMWATER MANAGEMENT AREA

LEGEND

- CONTOUR INTERVAL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- SPOT ELEVATION
- STABILIZED CONSTRUCTION ENTRANCE
- EROSION CONTROL MATTING
- SUPER SILT FENCE
- LIMIT OF DISTURBED AREA
- TREE PROTECTION FENCE
- EXISTING TREES TO REMAIN
- INLET PROTECTION
- FOREST CONSERVATION EASEMENT

NOTE: PROVIDED UNDER F-01-208



ARC=2.45'
ARC=2.45'
ARC=2.45'
ARC=2.44'
ARC=2.44'
ARC=2.44'
ARC=2.43'
ARC=2.43'
ARC=2.43'
ARC=2.43'
ARC=2.43'

APPROVED: DEPARTMENT OF PLANNING & ZONING
 [Signature] 5/10/05
 CHIEF DEVELOPMENT ENGINEER DIVISION M13
 [Signature] 5/15/05
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 6/1/05
 DIRECTOR

* LOT 6 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 61', HAS ONE SHADE TREE, HAS TWO EVERGREEN TREES, REQUIRES A SURETY OF \$100.00. LOT 7 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS ONE SHADE TREE, REQUIRES A SURETY OF \$100.00. LOT 8 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS ONE SHADE TREE AND REQUIRES SURETY OF \$100.00. LOT 9 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 10 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 11 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 12 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 13 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 14 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. LOT 15 IS LANDSCAPE TYPE 'A' HAS A FRONTAGE OF 60', HAS TWO SHADE TREES, AND REQUIRES SURETY OF \$100.00. TOTAL REQUIRED SURETY OF \$1,400.00.

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.
 [Signature] 12-15-04
 NAME DATE

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.
 [Signature] 12-15-04
 G. NELSON CLARK DATE

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUAN.	REMARK
AR	ACER RUBRUM 'OCTOBER GLORY'	2 1/2"-3" CAL.	12	B&B
	OCTOBER GLORY RED MAPLE	6"-8" HT.		
PS	PINUS STROBUS WHITE PINE	6"-8" HT.	4	B&B

SCHEDULE A PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways	1	2	3
Landscape Type		A	A	A
Frontage/Perimeter		503.08'	299.5'	232.3'
Number of Plants Required	(1/60)	8	2	4
Shade Trees				
Evergreen Trees				
Shrubs				
Number of Plants Provided		6	2	4
Shade Trees				
Evergreen Trees				
Surety Amounts		\$2,400	\$600	\$1,200

* Comments: Four(4) evergreen trees have been substituted for two(2) shade trees along P-1.

REVISION

N/E	REVISION	DATE
1	REV. H.S.E. AND GRADE LOT 13 FROM GENERIC BOX 'B' TO ZACHARY E.L.A.	11-01-05

OWNER / DEVELOPER
 BONNIELASS, LLC
 8835-P COLUMBIA 100 PARKWAY
 COLUMBIA, MARYLAND 21045

CLARK · FINEFROCK & SACKETT, INC.
 ENGINEERS · PLANNERS · SURVEYORS
 7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.
 DESIGNED: SINGLE FAMILY DETACHED LANDSCAPE PLAN
 DRAWN: LOTS 5-8 AND 10-13 AND 14-15
 CHECKED: TAX MAP #31 GRID 9 PARCEL 254
 D.A.R.: 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: 12-07-04 FOR: RYAN HOMES P.O. BOX 1018 Columbia, Maryland 21044
 SCALE: 1" = 30'
 DRAWING: 5 of 5
 JOB NO.: 03-066
 FILE NO.: 03-066-LS