

# SITE DEVELOPMENT PLAN HOLLIFIELD ESTATES

HOLLIFIELD ESTATES I SECTION ONE  
LOTS 7-10, 17, 18, 20, 24-29, 35-58 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO

LOTS 55-58, 64-67 & 72-75

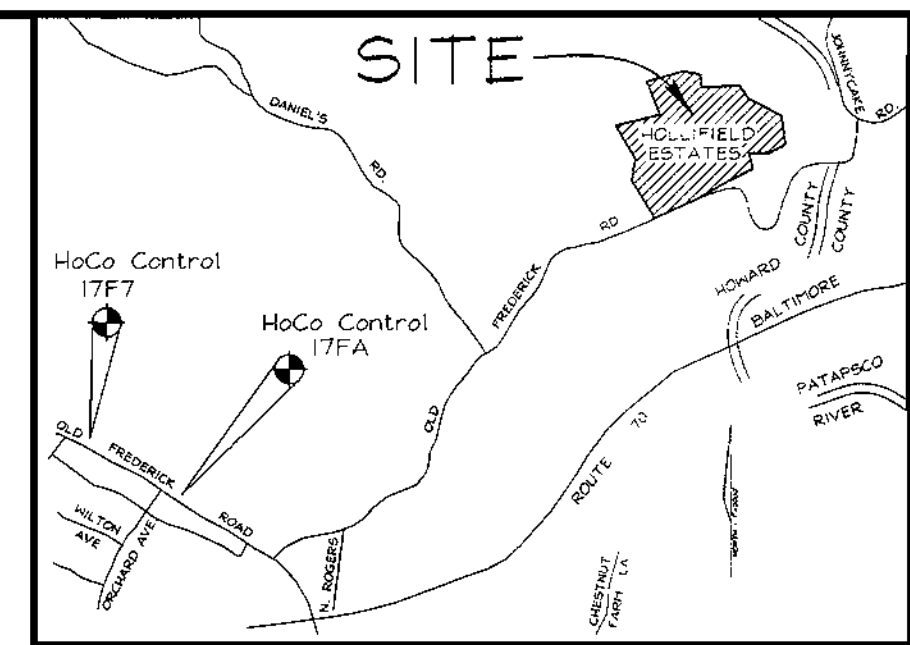
HOLLIFIELD ESTATES II

LOTS 2-5, 7 & 8

SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

### BENCHMARKS

17FA N594,949.55 E 1,364,629.51 E1=477.52  
17F7 N595,830.83 E 1,363,091.09 E1=470.19



VICINITY MAP  
SCALE: 1"=2000'

### GENERAL NOTES

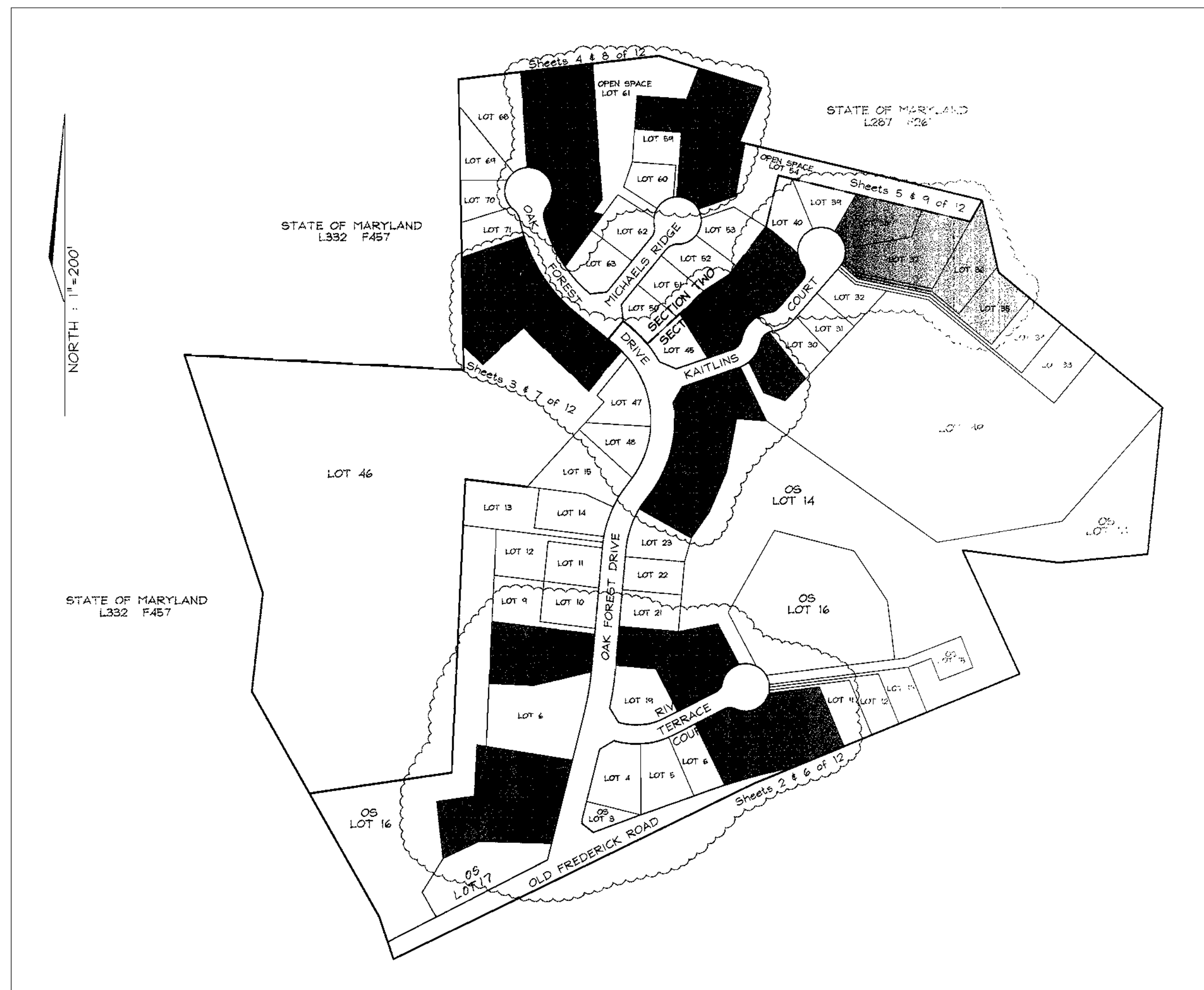
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:  
MISS UTILITY: 1-800-257-7777  
BELL ATLANTIC TELEPHONE COMPANY: 755-9976  
HOWARD COUNTY BUREAU OF UTILITIES: 313-2366  
ATTN: CABLE LOCATION DIVISION: 313-3553  
B.G.E. CO. CONTRACTOR SERVICES: 850-4620  
B.G.E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620  
STATE HIGHWAY ADMINISTRATION: 531-5533
- SITE ANALYSIS:  
AREA OF SITE: HOLLIFIELD ESTATES I, SECTION ONE: 44.95 AC.  
HOLLIFIELD ESTATES I, SECTION TWO: 6.43 AC.  
HOLLIFIELD ESTATES II: 11.42 AC.  
PROPOSED USE OF SITE: SINGLE FAMILY DWELLINGS  
AREA OF SUBMISSION: 9.97 AC.  
PRESENT ZONING: R-ED  
LIMIT OF DISTURBANCE: 8.75 AC.
- PROJECT BACKGROUND:  
LOCATION: TAX MAP: 18 PARCEL: 1 & 373  
ZONING: R-ED  
SUBDIVISION: HOLLIFIELD ESTATES I, SECTIONS ONE & TWO  
DPZ REFERENCES: F-99-75, F-99-76, S-96-16, P-98-11, F-99-61, WP-99-39, SP-98-17, F-00-39, PB 326
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS AND AVAILABLE RECORD DRAWINGS, APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL DRIVEWAY APRONS SHALL BE PER HOWARD COUNTY STANDARD DETAILS R-6.01, R-6.02, R-6.05 & R-6.06 AS SPECIFIED ON PLAN.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER.
- STORMWATER MANAGEMENT IS PROVIDED BY AN ON-SITE EXTENDED DETENTION POND APPROVED UNDER F-99-75. THE FACILITY IS TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION. DRY WELLS WILL BE PROVIDED FOR ALL LOTS THAT DO NOT DRAIN TO THE STORMWATER MANAGEMENT FACILITY.
- COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY MONUMENTS NO. 177A & NO. 177F.
- EXISTING TOPOGRAPHY IS BASED ON AN AERIAL TOPOGRAPHIC SURVEY PREPARED BY WINGS AERIAL MAPPING CO., INC. FLOWN ON MARCH 25, 1995 AND THE FINAL GRADING PLANS, (F-99-75 & F-99-76).
- SEWER CONTRACT NO. 14-3801-D & 14-3802-D.
- PERIMETER LANDSCAPING AND STREET TREES SHALL BE PROVIDED AS APPROVED ON THE ROAD CONSTRUCTION DRAWINGS FOR F-99-75 AND F-99-76 CORNER LANDSCAPING FOR LOT 27 IN THE AMOUNT OF \$900.00 SHALL BE PAID AT THE TIME OF GRADING PERMIT, AND \$100.00 FOR THE TRASH PAD ON KAITLINS COURT.
- OPEN SPACE REQUIREMENTS FOR THE SUBDIVISION HAVE BEEN PROVIDED UNDER F-99-75, F-99-76 & F-00-39.
- FOREST CONSERVATION OBLIGATIONS HAVE BEEN FULFILLED BY ESTABLISHMENT OF FOREST CONSERVATION EASEMENTS UNDER F-99-75, F-99-76 & F-00-39.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED WETLANDS, STREAMS OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS.
- THE SUBJECT PROPERTY IS ZONED R-ED PER THE OCT. 18, 1993 COMPREHENSIVE ZONING PLAN.
- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS. PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- FOR LOCATION OF STEEP SLOPE AREAS AND SOIL TYPES, SEE F-99-75 AND F-99-76.
- FOR USE-IN-COMMON DRIVEWAY PAVING SECTIONS AND DETAILS SEE SHEET 12 OF 12.

SHEET INDEX	
1	COVER SHEET
2	SITE DEVELOPMENT PLAN
3	SITE DEVELOPMENT & LANDSCAPE PLAN
4	SITE DEVELOPMENT PLAN
5	SITE DEVELOPMENT PLAN
6	SEDIMENT & EROSION CONTROL PLAN
7	SEDIMENT & EROSION CONTROL PLAN
8	SEDIMENT & EROSION CONTROL PLAN
9	SEDIMENT & EROSION CONTROL PLAN
10	ARCHITECTURAL DETAILS
11	ARCHITECTURAL DETAILS
12	SEDIMENT CONTROL NOTES AND DETAILS

SEWER CONNECTION INVERTS		
LOT	INV. @ R/W	M.C.E.
HOLLIFIELD I, SECTION ONE		
7	323.82	328.00
8	312.10	316.10
9	313.20	317.30
10	305.60	310.10
17	317.60	322.10
18	324.59	329.60
20	342.00	346.10
24	353.84	359.10
25	356.21	360.60
26	355.47	352.62
27	362.20	366.40
28	357.60	361.60
29	351.60	356.10
35	313.96	318.10
36	320.30	324.60
37	328.10	332.60
38	328.80	333.10
41	339.84	343.60
42	345.70	350.20
43	350.45	354.60
44	355.60	360.10
HOLLIFIELD II, SECTION TWO		
55	349.50	353.60
56	344.00	348.10
57	341.50	345.60
58	341.84	345.74
64	363.91	368.21
65	362.00	366.10
66	361.07	365.77
67	360.89	365.99
72	365.60	369.60
73	366.40	371.10
74	366.50	370.60
75	366.50	370.60
HOLLIFIELD II		
2	333.64	342.64
3	334.35	344.60 @ 1.0%
4	334.18	343.18
5	334.04	340.96
7	342.80	344.00
8	340.75	345.80 @ 1.0%

NOTE: SEWER INVERTS ARE BASED ON CONTRACT NO. 14-3801-D & 14-3802-D.

ADDRESS CHART	
LOT	STREET ADDRESS
HOLLIFIELD I, SECTION ONE	
7	2212 River Terrace Court
8	2216
9	2220
10	2224
17	2204
18	2205
20	2118 Oak Forest Drive
24	2134
25	2138
26	2142
27	2200 Kaitlins Court
28	2204
29	2212
35	2236
36	2240
37	2244
38	2224
41	2217
42	2213
43	2209
44	2205
HOLLIFIELD I, SECTION TWO	
55	8229 Michaels Ridge
56	8225
57	8221
58	8217
64	2148 Oak Forest Drive
65	2152
66	2156
67	2160
72	2145
73	2141
74	2137
75	2133
HOLLIFIELD II	
2	2103 Oak Forest Drive
3	2107
4	2115
5	2111
7	2123
8	2127



LOCATION MAP  
SCALE: 1"=200'

### OWNER/DEVELOPER

PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

PERMIT INFORMATION CHART					
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL #	PLAT NO.	BLOCK NO.	ZONE
HOLLIFIELD ESTATES I	SECTION ONE	LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44			R-ED
HOLLIFIELD ESTATES I	SECTION TWO	LOTS 55-58, 64-67, & 72-75			R-ED
HOLLIFIELD ESTATES II	-	LOTS 2-5, 7 & 8			R-ED
14376 thru 14395	1 & 2				R-ED
14413 thru 14415					R-ED
14432 thru 14435					R-ED
WATER CODE: F-01		SEWER CODE: 1460000			

NO.	REVISION	DATE

COVER SHEET  
SITE DEVELOPMENT PLAN  
HOLLIFIELD ESTATES  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND



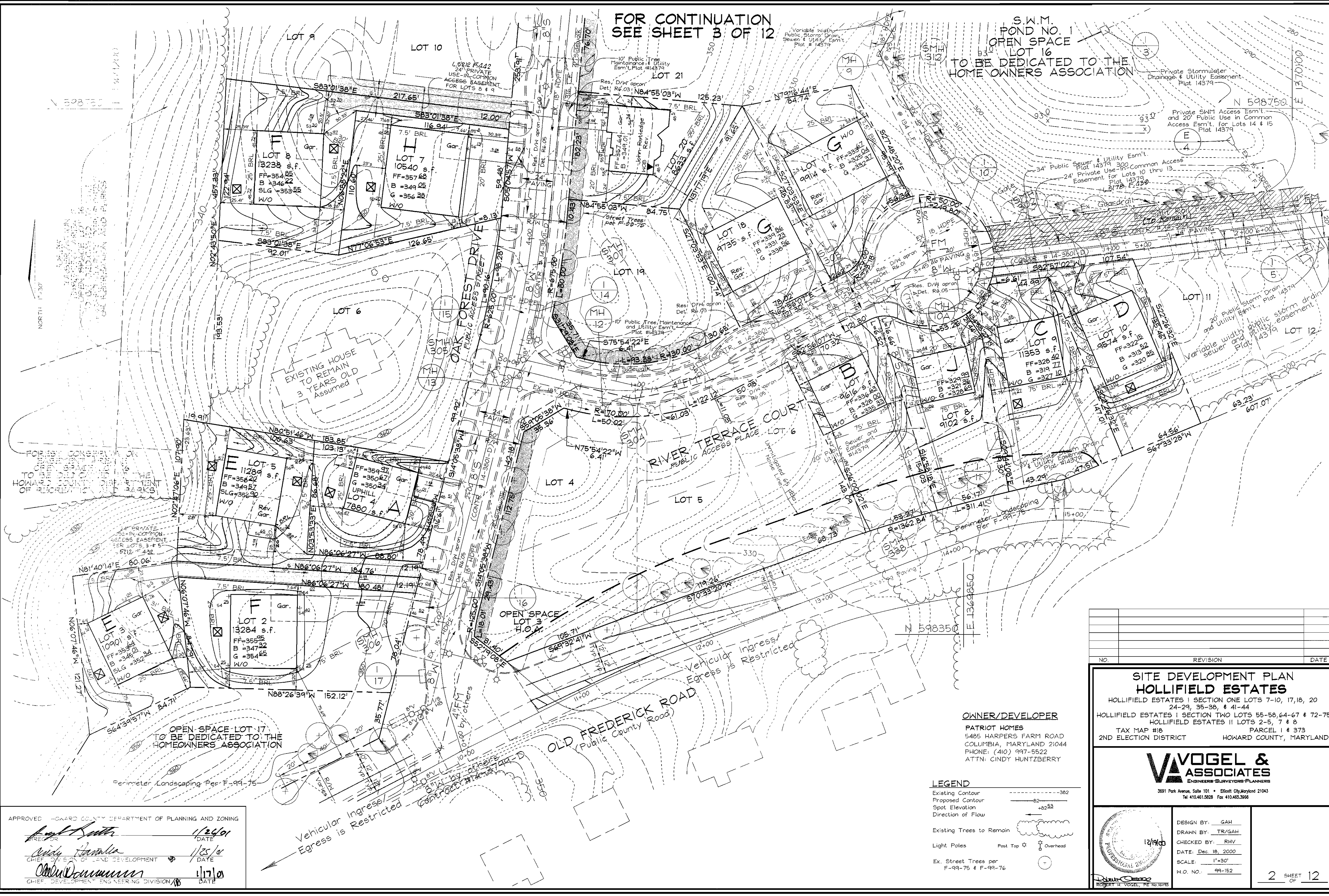
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.3828 Fax 410.465.3966

DESIGN BY: GAH	12/19/00	1 SHEET OF 12
DRAWN BY: GAH		
CHECKED BY: RHV		
DATE: Dec. 18, 2000		
SCALE: AS SHOWN		
W.O. NO.: 99-152		

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
  
 CHIEF DEVELOPMENT ENGINEER DIVISION DATE 1/17/01  
  
 CHIEF OF SURVEY AND DEVELOPMENT DATE 1/25/01  
  
 PROJECT ENGINEER DATE 1/26/01

FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38, & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD ESTATES II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL I # 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

**LEGEND**  
Existing Contour ---382  
Proposed Contour ---82  
Spot Elevation +82.53  
Direction of Flow →  
Existing Trees to Remain [Symbol]  
Light Poles Post Top [Symbol] Overhead [Symbol]  
Ex. Street Trees per F-99-75 & F-99-76 [Symbol]

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS  
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec 18, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

12/19/00

2 SHEET OF 12

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 1/24/01  
DATE

*[Signature]* 1/25/01  
DATE

*[Signature]* 1/17/01  
DATE

N 599000  
E 1369350

LANDSCAPE SCHEDULE			
KEY	SYMBOL	BOTANICAL NAME	CAT
AR		Red Maple	B # B
PS		Eastern White Pine	B # B

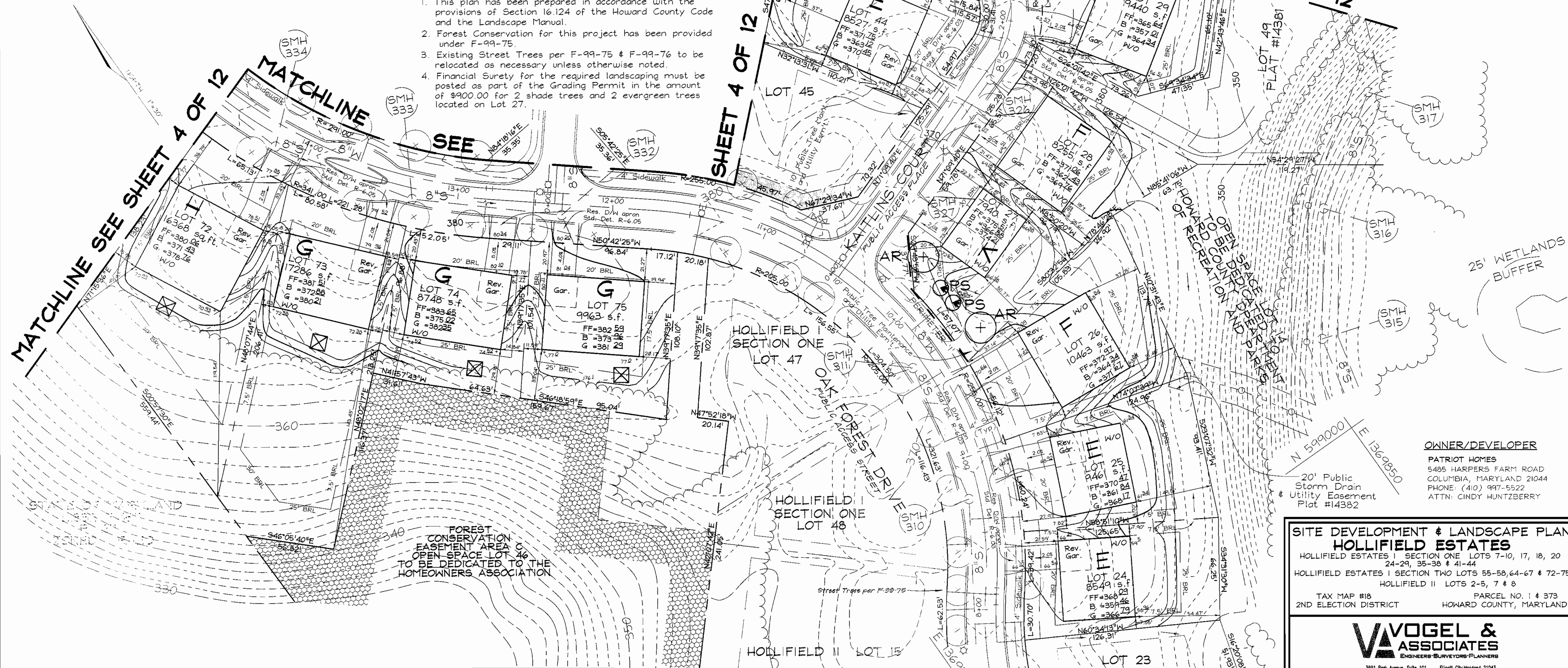
SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY		ADJACENT TO ROADWAYS	
Perimeter/Frontage Designation	I	-	-
Landscape Type	B	-	-
Linear Feet of Roadway Frontage/Perimeter	95	-	-
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs	-	-	-
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution)	-	-	-
Shrubs (10:1 Substitution)	-	-	-
Describe Plant Substitution Credits Below if needed)			

**GENERAL NOTES**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
- Forest Conservation for this project has been provided under F-99-75.
- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

**LEGEND**

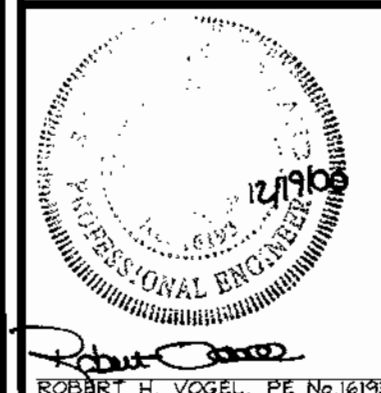
Existing Contour		-362
Proposed Contour		-362
Spot Elevation		-82.53
Direction of Flow		
Existing Trees to Remain		
Light Poles		Post Top
		Overhead
Shade Trees		AR
Evergreen Trees		PS
Perimeter Landscape Edge		PERIMETER '1'
Ex. Street Trees per F-99-75 & F-99-76		



**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

**SITE DEVELOPMENT & LANDSCAPE PLAN  
 HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS-SURVEYORS-PLANNERS  
 3691 Park Avenue, Suite 101 Ellicott City, Maryland 21043  
 Tel: 410.461.5828 Fax: 410.465.3688



DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHW  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

3 SHEET OF 12

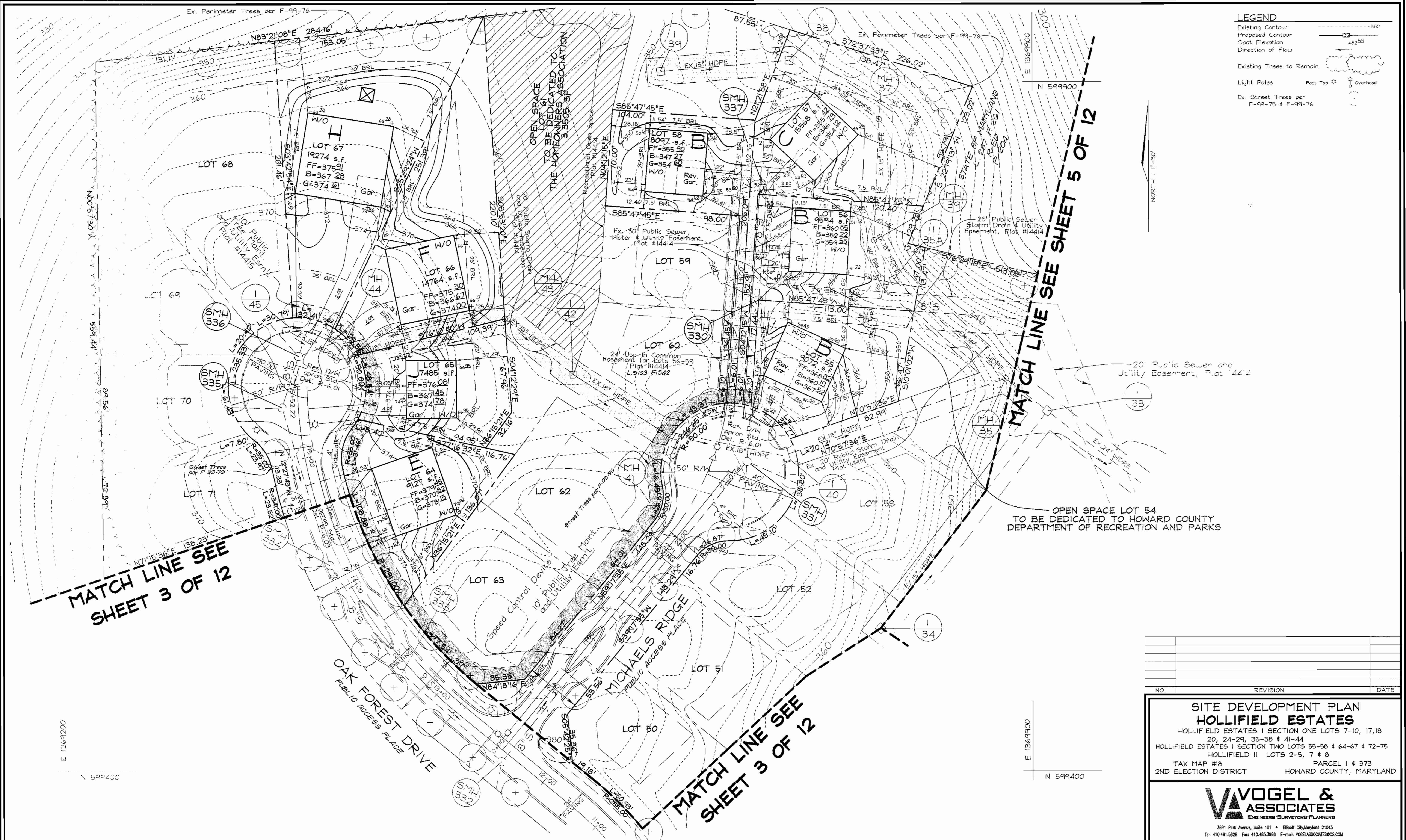
**DEVELOPER'S BUILDER'S CERTIFICATE**  
 I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*John R. White* SIGNATURE OF DEVELOPER  
 11-18-00 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*John R. White* 1/26/01 DATE  
*Cindy Huntzberry* 1/25/01 DATE  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
*John R. White* 1/17/01 DATE  
 CHIEF, DEVELOPMENT AND ZONING DIVISION

**FOR CONTINUATION  
 SEE SHEET 2 OF 12**



**LEGEND**

Existing Contour	--- 382
Proposed Contour	--- 382
Spot Elevation	82.53
Direction of Flow	→
Existing Trees to Remain	(Tree Symbol)
Light Poles	Post Top (Symbol) Overhead (Symbol)
Ex. Street Trees per F-99-75 & F-99-76	(Tree Symbol)

MATCH LINE SEE SHEET 5 OF 12

MATCH LINE SEE SHEET 3 OF 12

MATCH LINE SEE SHEET 3 OF 12

NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58 & 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL I & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND



3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel: 410.481.5828 Fax: 410.485.3966 E-mail: VOGELASSOCIATES@CS.COM

	DESIGN BY: GAH	4 SHEET OF 12
	DRAWN BY: TR/GAH	
	CHECKED BY: RHW	
	DATE: Dec. 18, 2000	
	SCALE: 1"=30'	
W.O. NO.: 99-152		

**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*John A. Butler* 1/26/01  
 DIRECTOR DATE

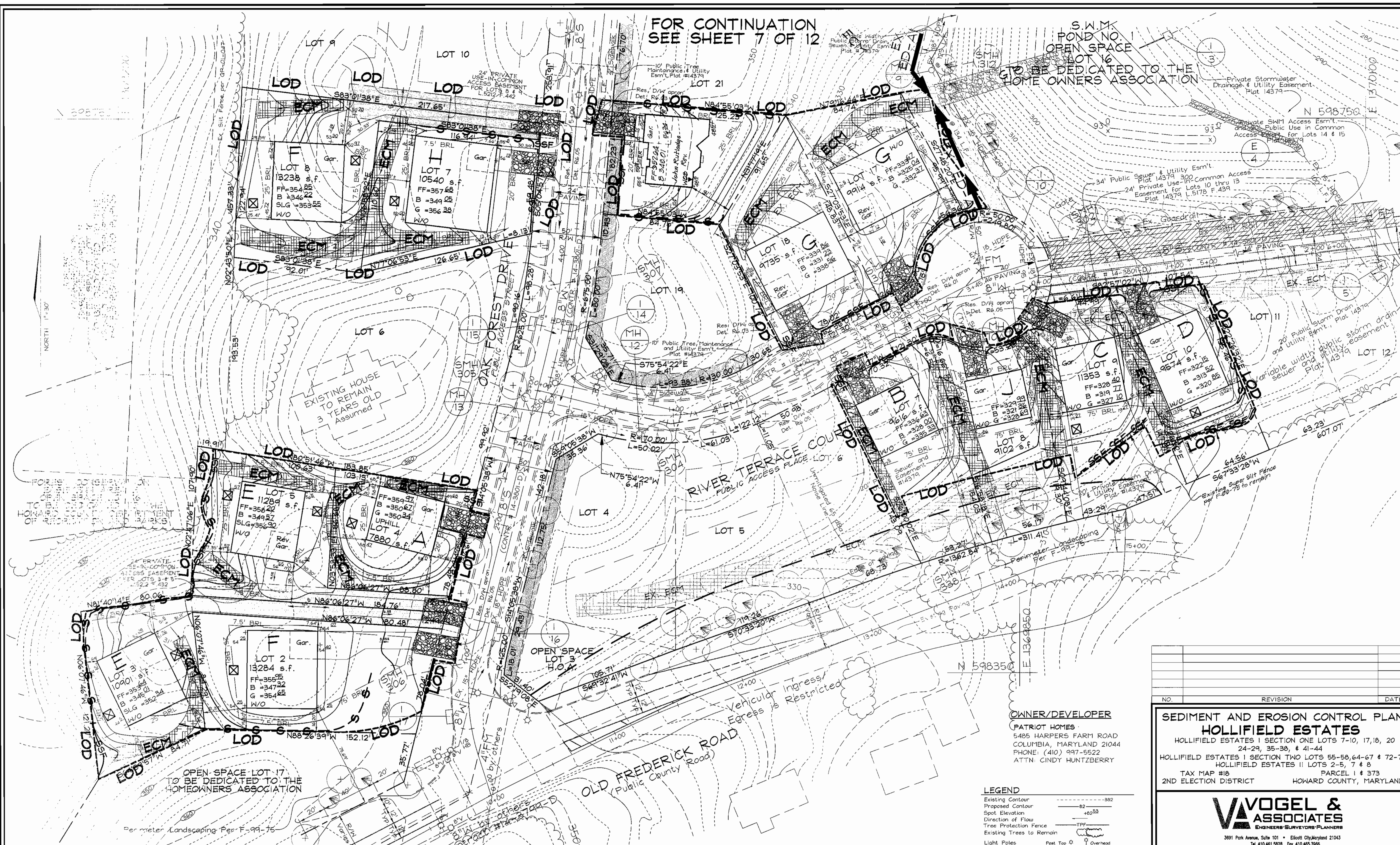
*Cathy Annala* 1/25/01  
 CHIEF OF BUREAU OF LAND DEVELOPMENT DATE

*Walter Dammer* 1/17/01  
 CHIEF DEVELOPMENT ENGINEER DATE



FOR CONTINUATION  
SEE SHEET 7 OF 12

S.W.M.K  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



OWNER/DEVELOPER  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

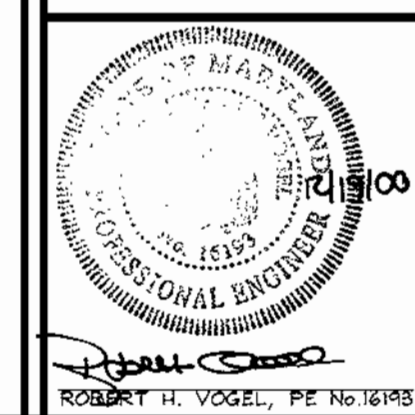
LEGEND

Existing Contour	--- 382
Proposed Contour	--- 82
Spot Elevation	+82.53
Direction of Flow	→
Tree Protection Fence	TPF
Existing Trees to Remain	⊗
Light Poles	Post Top ⊙ Overhead ⊕
Stabilized Construction Entrance	⊠
Super Silt Fence	⊠
Silt Fence	⊠
Existing Super Silt Fence	⊠
Earth Dike	⊠
Limit of Disturbance	⊠
Erosion Control Matting	⊠
Rip-Rap Inflow Protection	⊠
Gabion Inflow Protection	⊠
Dry Well	⊠

NO.	REVISION	DATE

**SEDIMENT AND EROSION CONTROL PLAN**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38, & 41-44  
HOLLIFIELD ESTATES II SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD ESTATES III LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL I & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS  
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec 18, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
1/17/01  
1/25/01  
1/26/01

ENGINEERS CERTIFICATE  
I 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 OF ENGINEER: ROBERT H. VOGEL  
DATE: 12/19/00

DEVELOPER'S CERTIFICATE  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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.  
SIGNATURE OF DEVELOPER: John R. White  
DATE: 12-18-00

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
1/11/01  
1/10/01  
HOWARD SCD

**LEGEND**

Existing Contour	---	382
Proposed Contour	---	82
Spot Elevation	+	82.33
Direction of Flow	---	TPF
Tree Protection Fence	---	TPF
Existing Trees to Remain	---	
Light Poles	Post Top	Overhead
Stabilized Construction Entrance	---	
Super Silt Fence	---	
Silt Fence	---	
Existing Super Silt Fence	---	
Earth Dike	---	
Limit of Disturbance	---	
Erosion Control Matting	---	
Rip-Rap Inflow Protection	---	
Gabion Inflow Protection	---	
Dry Well	---	



**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
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 ATTN: CINDY HUNTZBERRY

**SEDIMENT & EROSION CONTROL PLAN**  
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 TAX MAP #18 PARCEL NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS/SURVEYORS/PLANNERS  
 3591 Park Avenue, Suite 101 Elliott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

7 SHEET OF 12

REVIEWED FOR HOWARD SOIL CONSERVATION SERVICE  
 J. H. Wayfield 1/10/01  
 USA-NATURAL RESOURCES CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 John M. Robertson 1/10/01  
 HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Robert H. Vogel 1/17/01  
 CHIEF ENGINEER PLANNING DIVISION DATE  
 Condy Hamilton 1/25/01  
 CHIEF OF STAFF DATE  
 [Signature] 1/26/01  
 DIRECTOR DATE

**ENGINEERS CERTIFICATE**  
 I 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] 1/19/00  
 SIGNATURE OF ENGINEER DATE  
 ROBERT H. VOGEL

**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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.  
 [Signature] 12-18-00  
 SIGNATURE OF DEVELOPER DATE  
 John R. White

**FOR CONTINUATION**  
**SEE SHEET 6 OF 12**

NO.	REVISION	DATE



**LEGEND**

- Existing Contour: --- 382
- Proposed Contour: --- 82
- Spot Elevation: +82.53
- Direction of Flow: --->
- Tree Protection Fence: TPF
- Existing Trees to Remain: [Symbol]
- Light Poles: Post Top [Symbol] Overhead [Symbol]
- Stabilized Construction Entrance: [Symbol]
- Super Silt Fence: [Symbol]
- Silt Fence: [Symbol]
- Existing Super Silt Fence: EX. 50F EX. 55F
- Earth Dike: ED A-1
- Limit of Disturbance: LOD
- Erosion Control Matting: [Symbol]
- Rip-Rap Inflow Protection: RRP
- Gobion Inflow Protection: GI
- Dry Well: [Symbol]

MATCH LINE SEE SHEET 7 OF 12

MATCH LINE SEE SHEET 9 OF 12

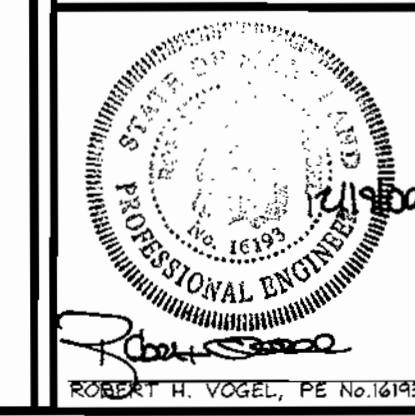
OPEN SPACE LOT 54 TO BE DEDICATED TO HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

NO.	REVISION	DATE

**SEDIMENT & EROSION CONTROL PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18  
 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58 & 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS/SURVEYORS/PLANNERS

3591 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel: 410.461.5828 Fax: 410.465.3966 E-mail: VOGELASSOCIATES@CS.COM



DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHY  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

8 SHEET OF 12

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 [Signature] 1/17/01  
 CHIEF DEVELOPER AND ZONING DIVISION  
 [Signature] 1/25/01  
 CHIEF DIVISION OF LAND DEVELOPMENT  
 [Signature] 1/26/01  
 DIRECTOR

**ENGINEERS CERTIFICATE**  
 "I 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] 12/19/00  
 SIGNATURE OF ENGINEER  
 ROBERT H. VOGEL

**DEVELOPER'S CERTIFICATE**  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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."  
 [Signature] 12-18-00  
 SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
 [Signature] 1/10/01  
 USDA-NATURAL RESOURCES CONSERVATION SERVICE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 [Signature] 1/10/01  
 HOWARD SCD

**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY



Perimeter Landscaping per F-99-76

MATCHLINE SEE SHEET 8 OF 12

OPEN SPACE LOT 54  
TO BE DEDICATED TO HOWARD COUNTY  
DEPARTMENT OF RECREATION AND PARKS  
PLAT #14414

Perimeter Landscaping per F-99-75

65' DBA RANGE



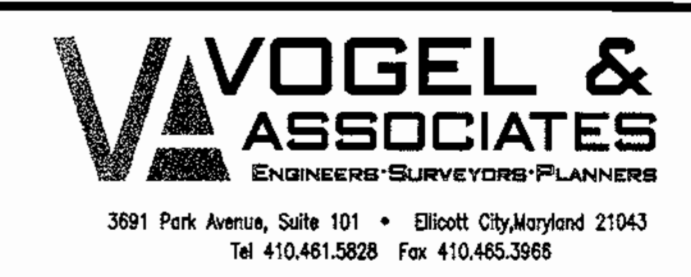
MATCHLINE SEE SHEET 7 OF 12

**LEGEND**

Existing Contour	---	32
Proposed Contour	---	02
Spot Elevation	+	02.53
Direction of Flow	---	---
Tree Protection Fence	---	TPF
Existing Trees to Remain	---	---
Light Poles	Post Top	Overhead
Stabilized Construction Entrance	---	---
Super Silt Fence	---	---
Silt Fence	---	---
Existing Super Silt Fence	---	---
Earth Dike	---	---
Limit of Disturbance	---	---
Erosion Control Matting	---	---
Rip-Rap Inflow Protection	---	RRP
Gabion Inflow Protection	---	G1
Dry Well	---	---

NO	REVISION	DATE

**SEDIMENT & EROSION CONTROL PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17 & 18  
 20, 24-29, 35-38 AND 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
 HOLLIFIELD ESTATES II LOTS 2-5, 7 AND 8  
 TAX MAP #18 PARCELS NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Chad Damman* 1/17/01  
 CHIEF DEVELOPMENT ENGINEERING DIVISION DATE

*Candy Huntzberry* 1/26/01  
 CHIEF DIVISION OF LAND DEVELOPMENT DATE

*Robert H. Vogel* 1/26/01  
 DIRECTOR DATE

**ENGINEERS CERTIFICATE**

"I 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."

*Robert H. Vogel* 1/21/01  
 SIGNATURE OF ENGINEER DATE  
 ROBERT H. VOGEL

**DEVELOPER'S CERTIFICATE**

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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."

*John R. White* 12-18-00  
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

*J. G. Wayfield* 1/16/01  
 HONORARY PROFESSIONAL ENGINEER DATE

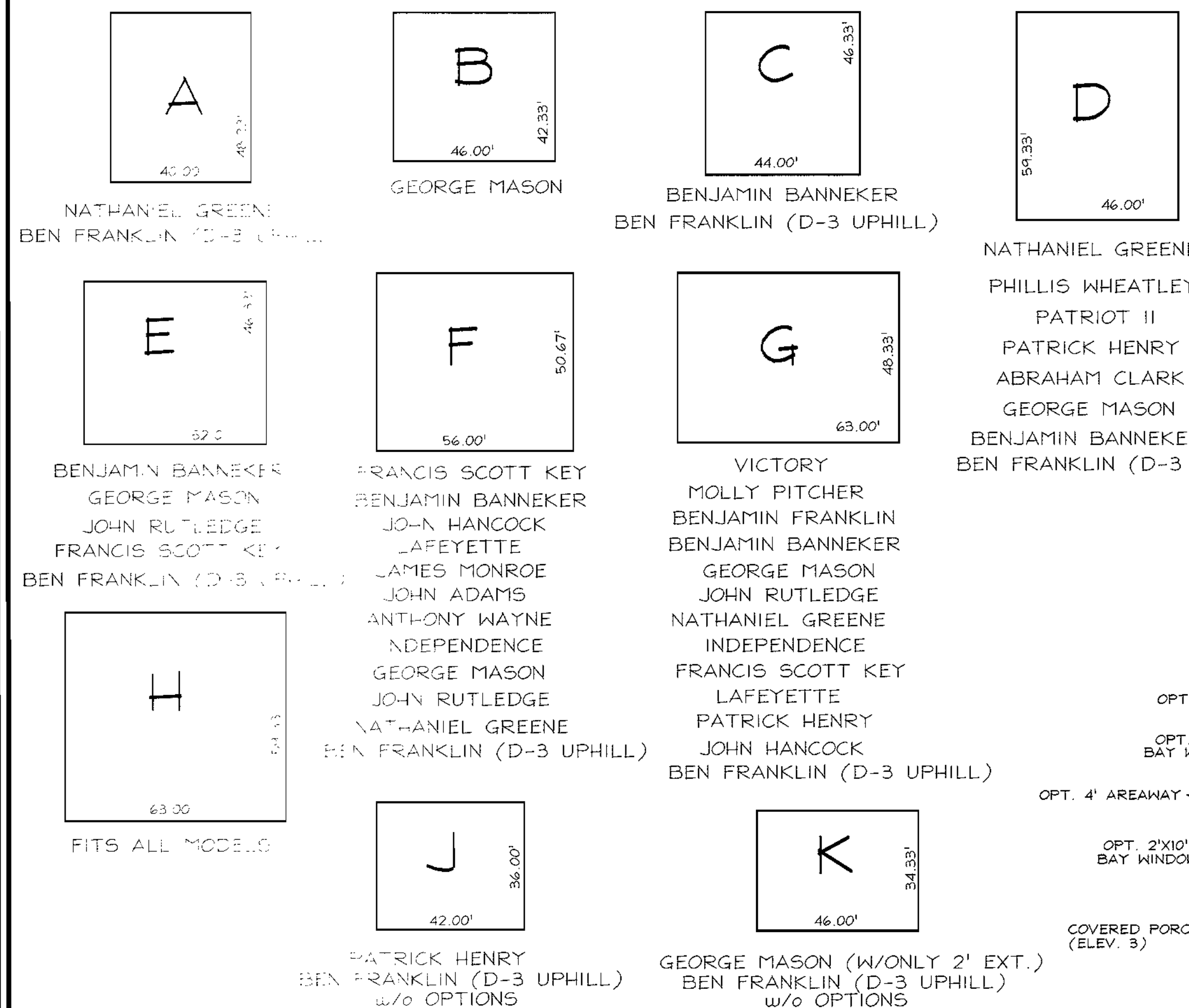
*John R. White* 1/16/01  
 SIGNATURE OF DEVELOPER DATE

**OWNER/DEVELOPER**

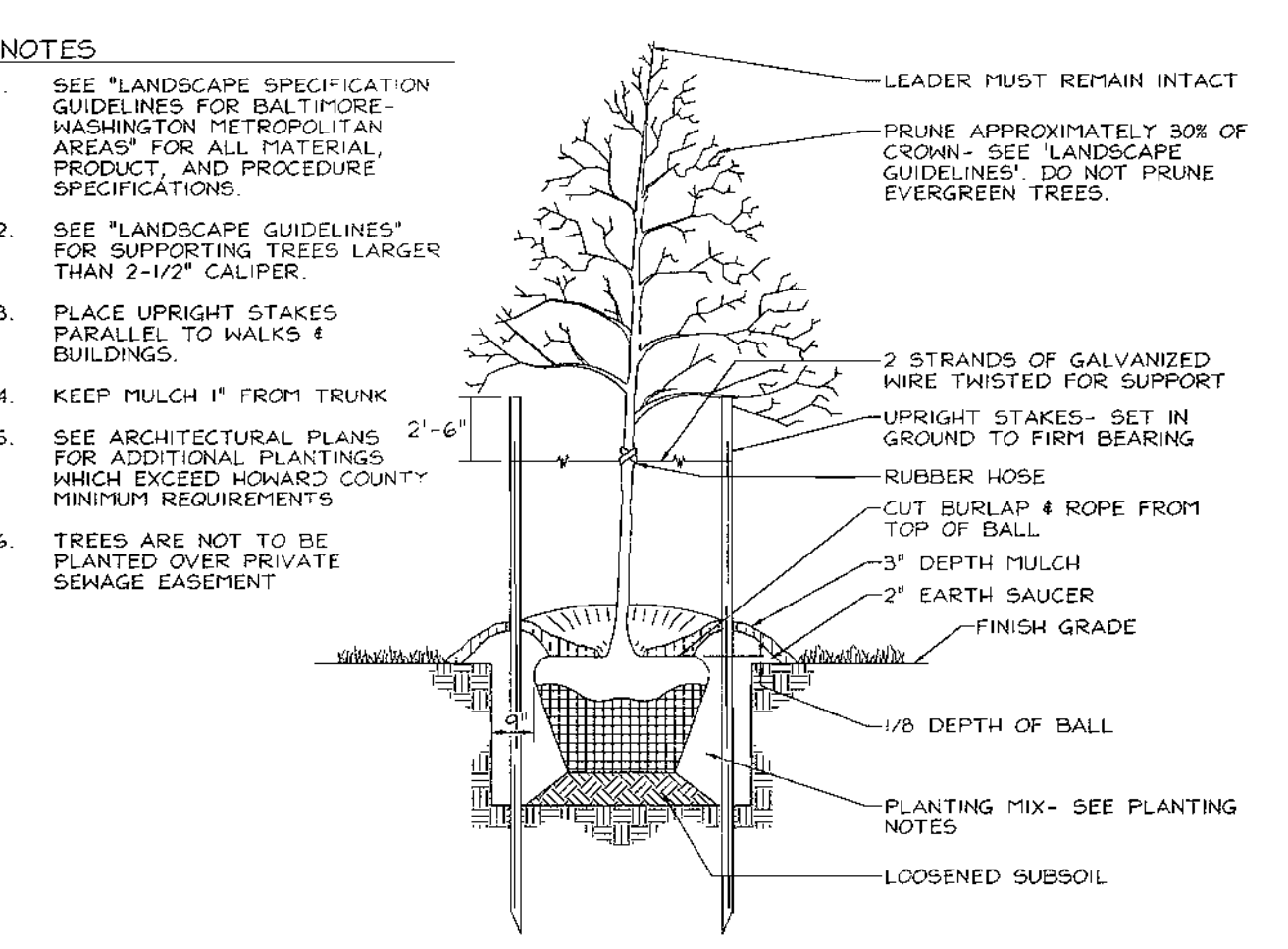
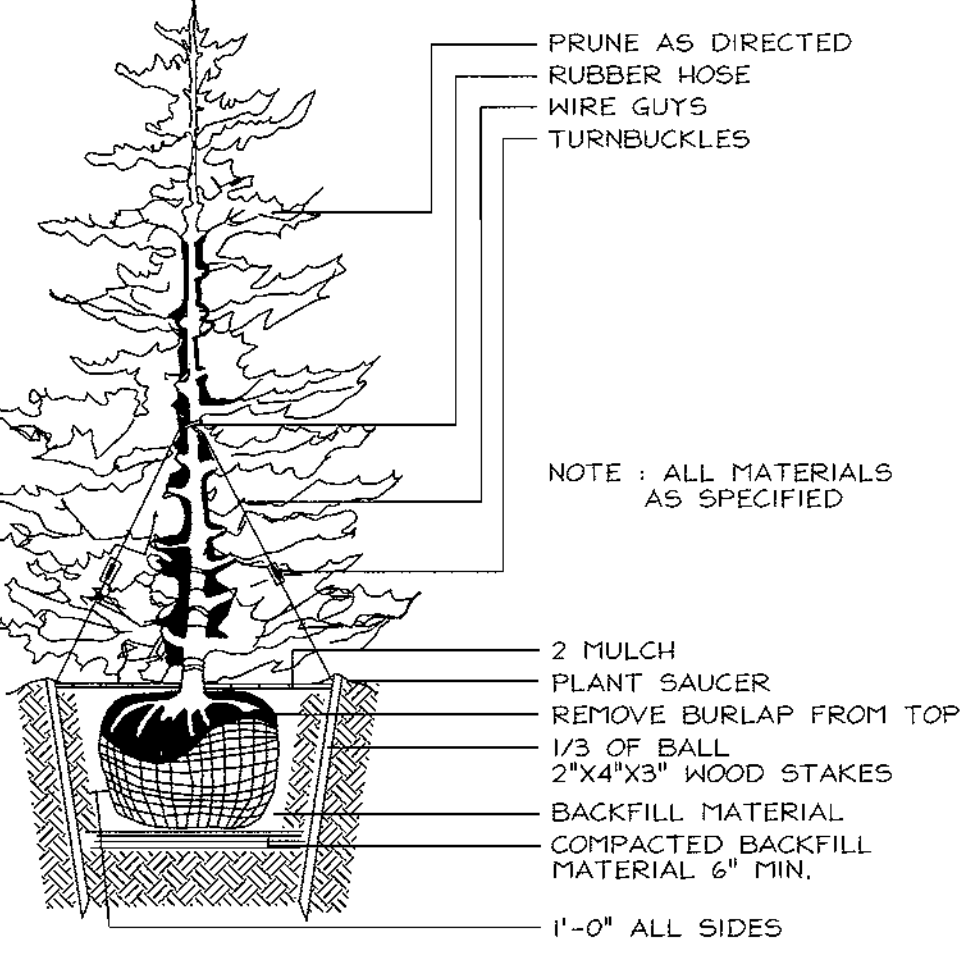
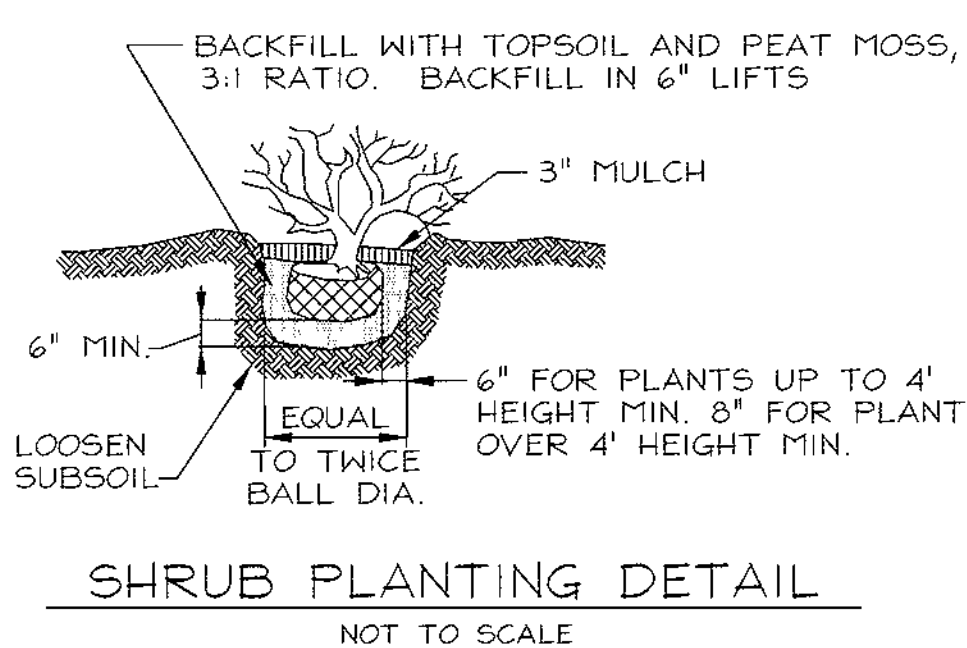
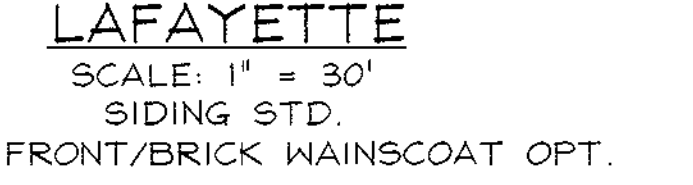
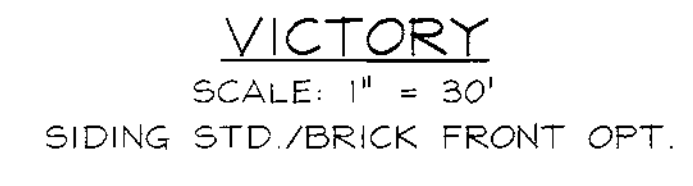
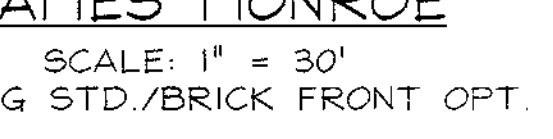
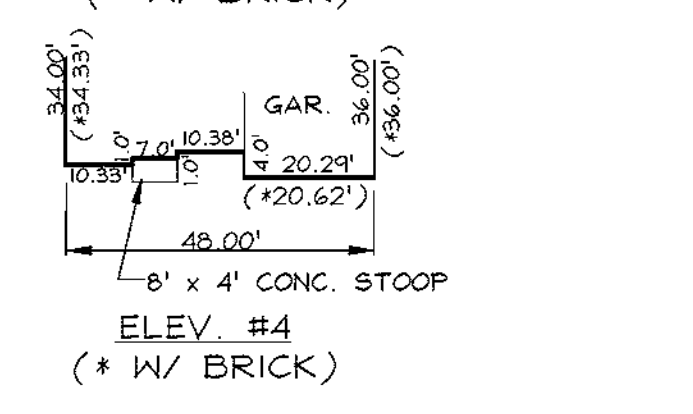
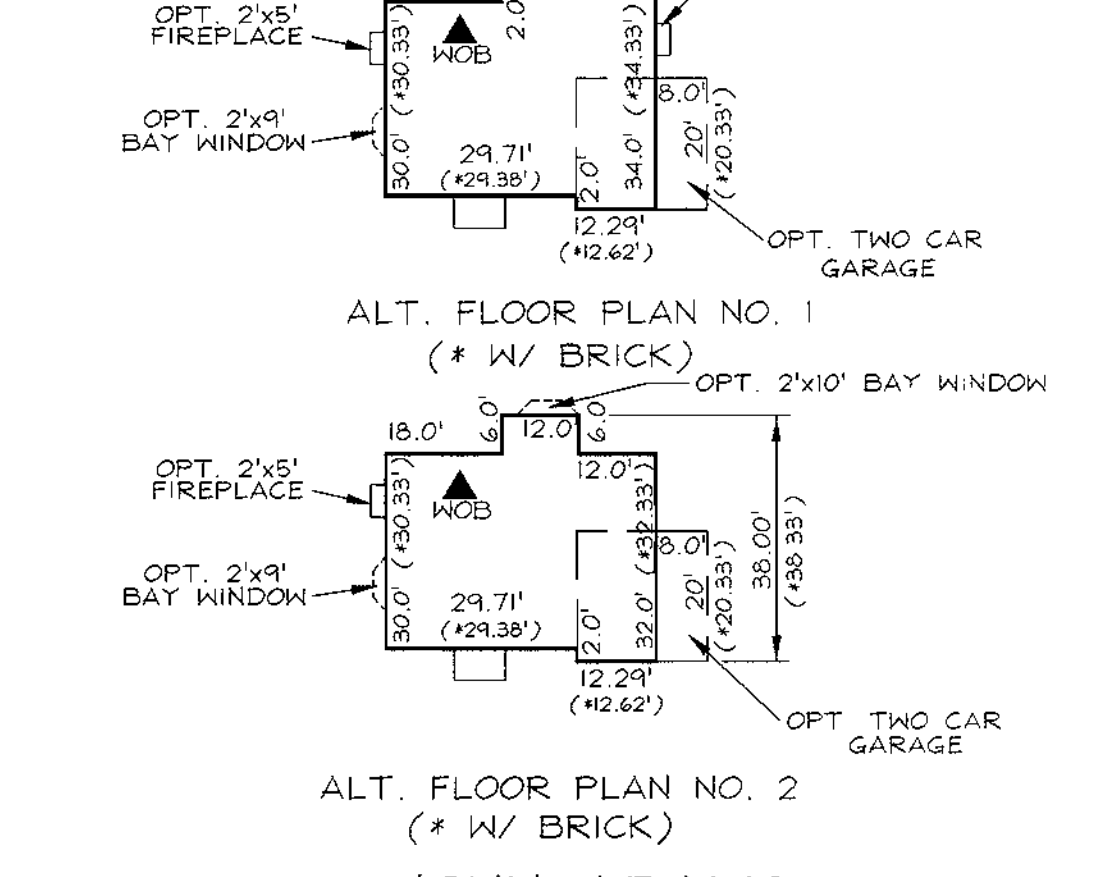
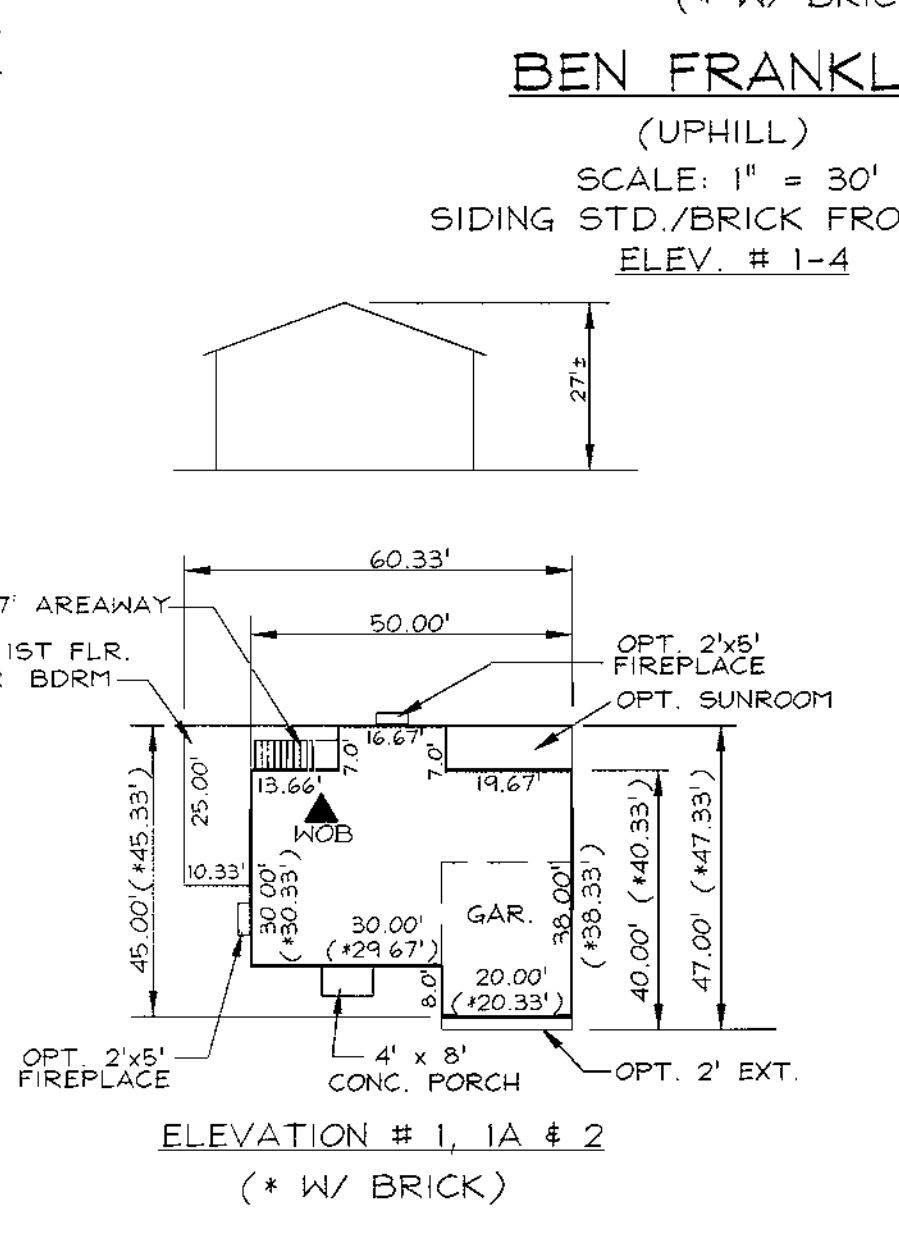
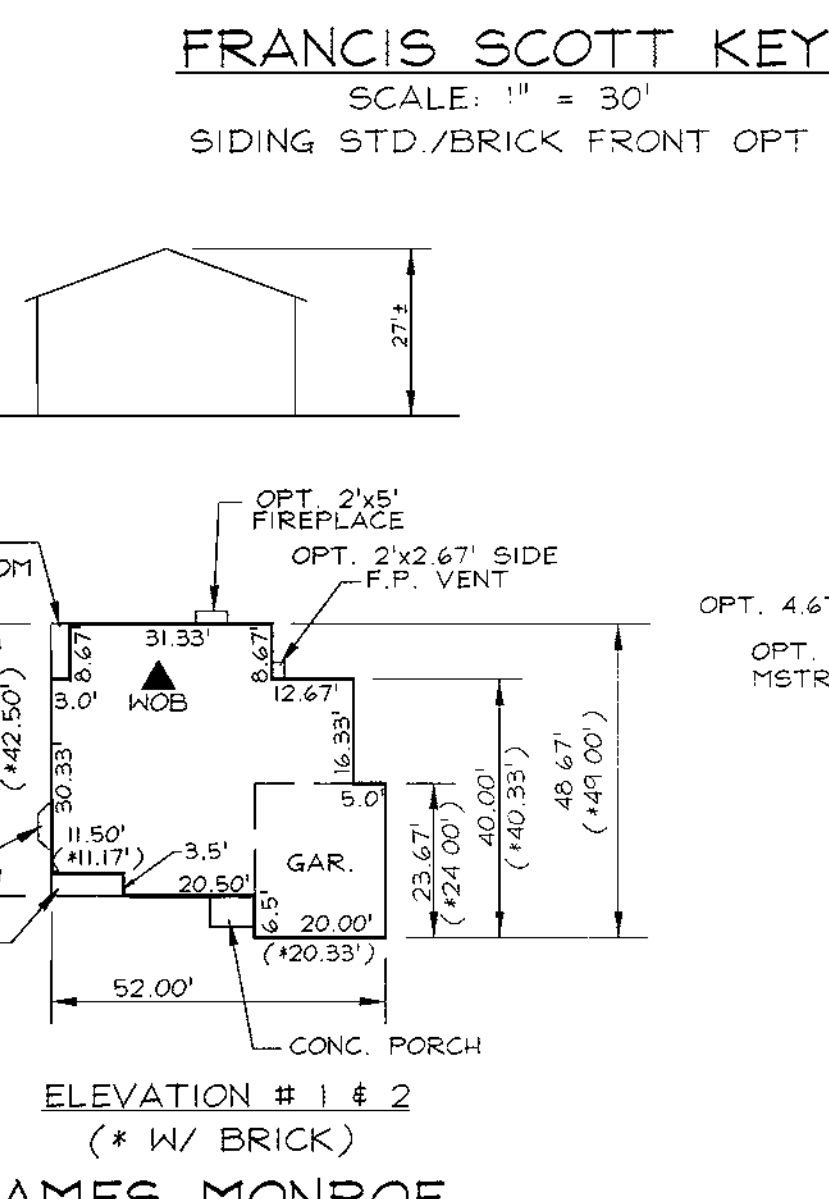
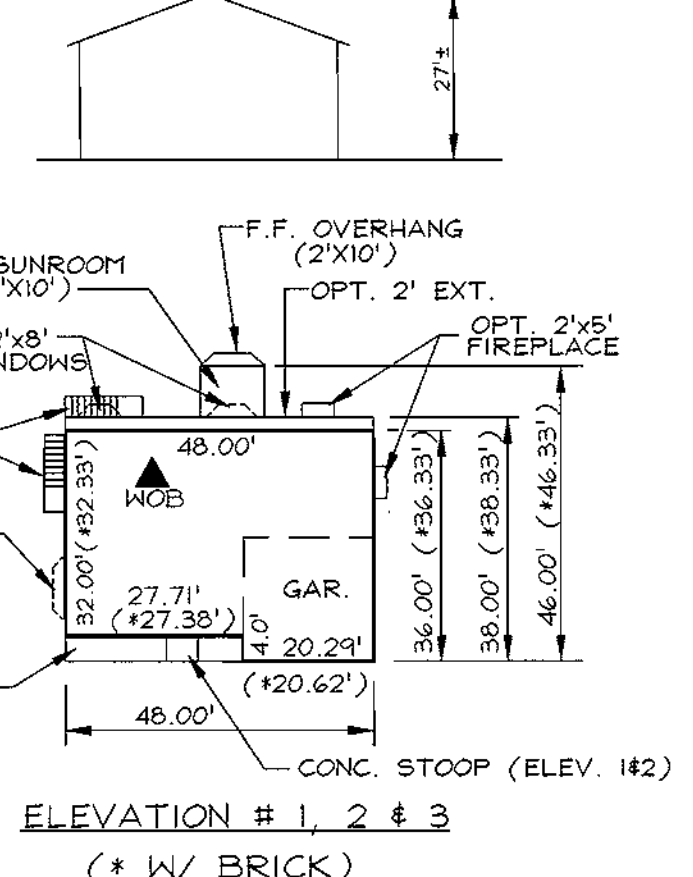
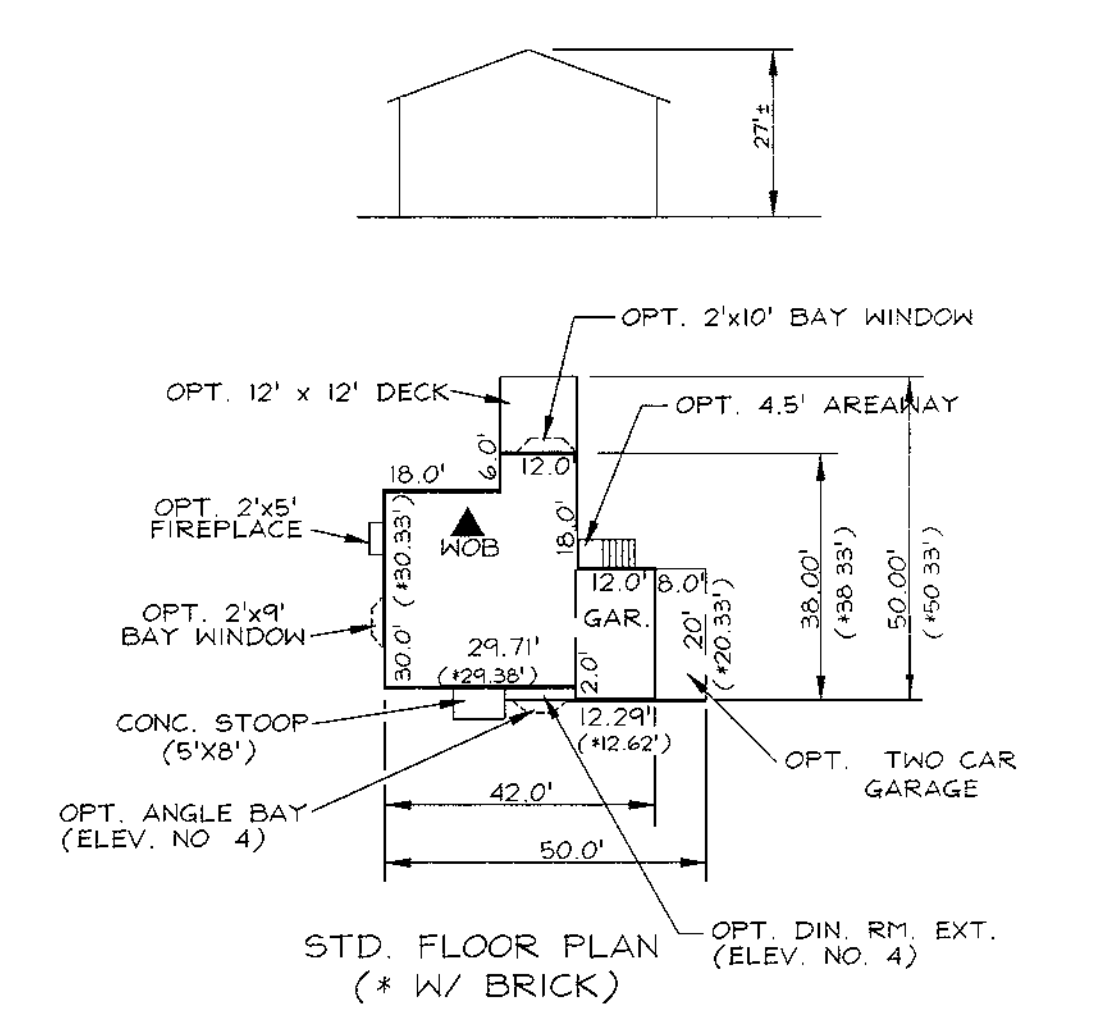
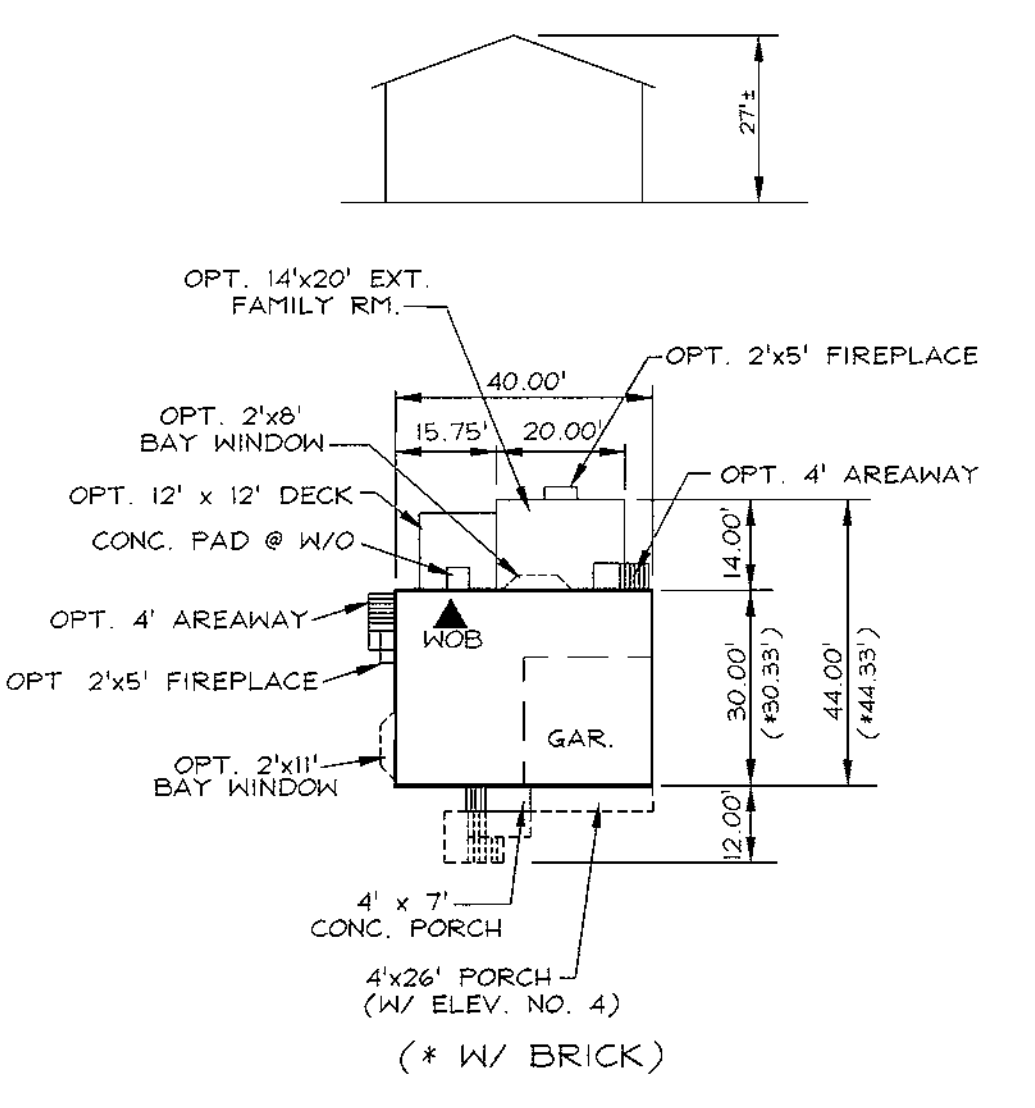
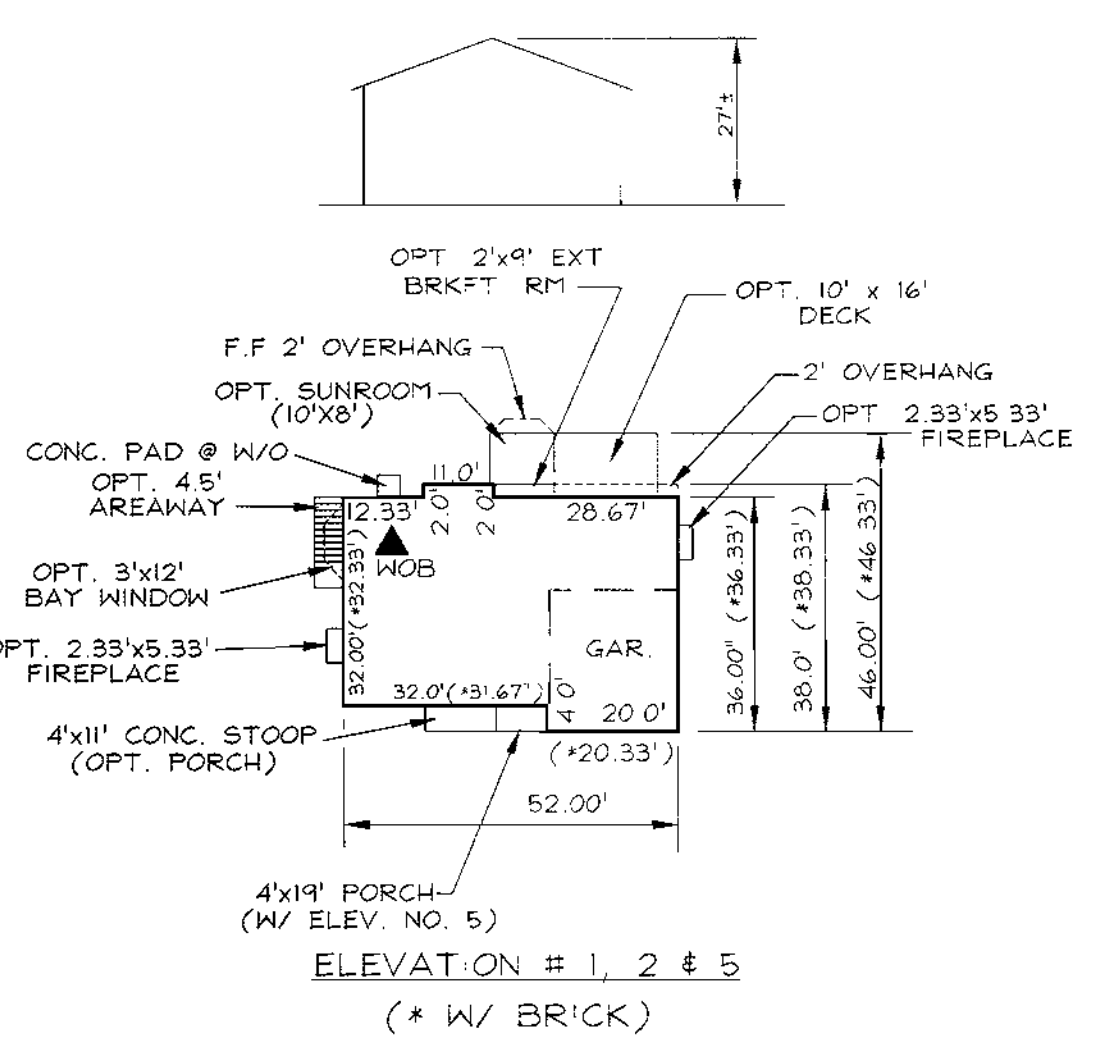
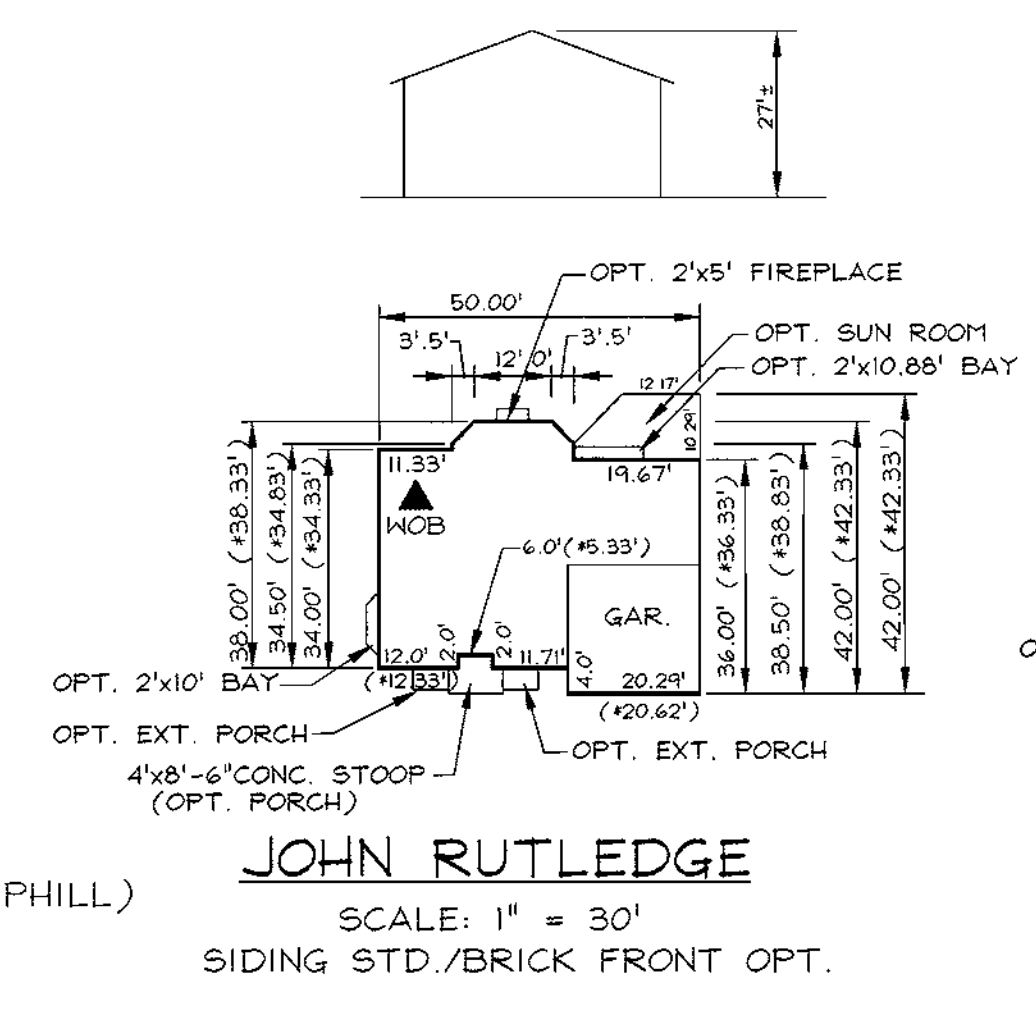
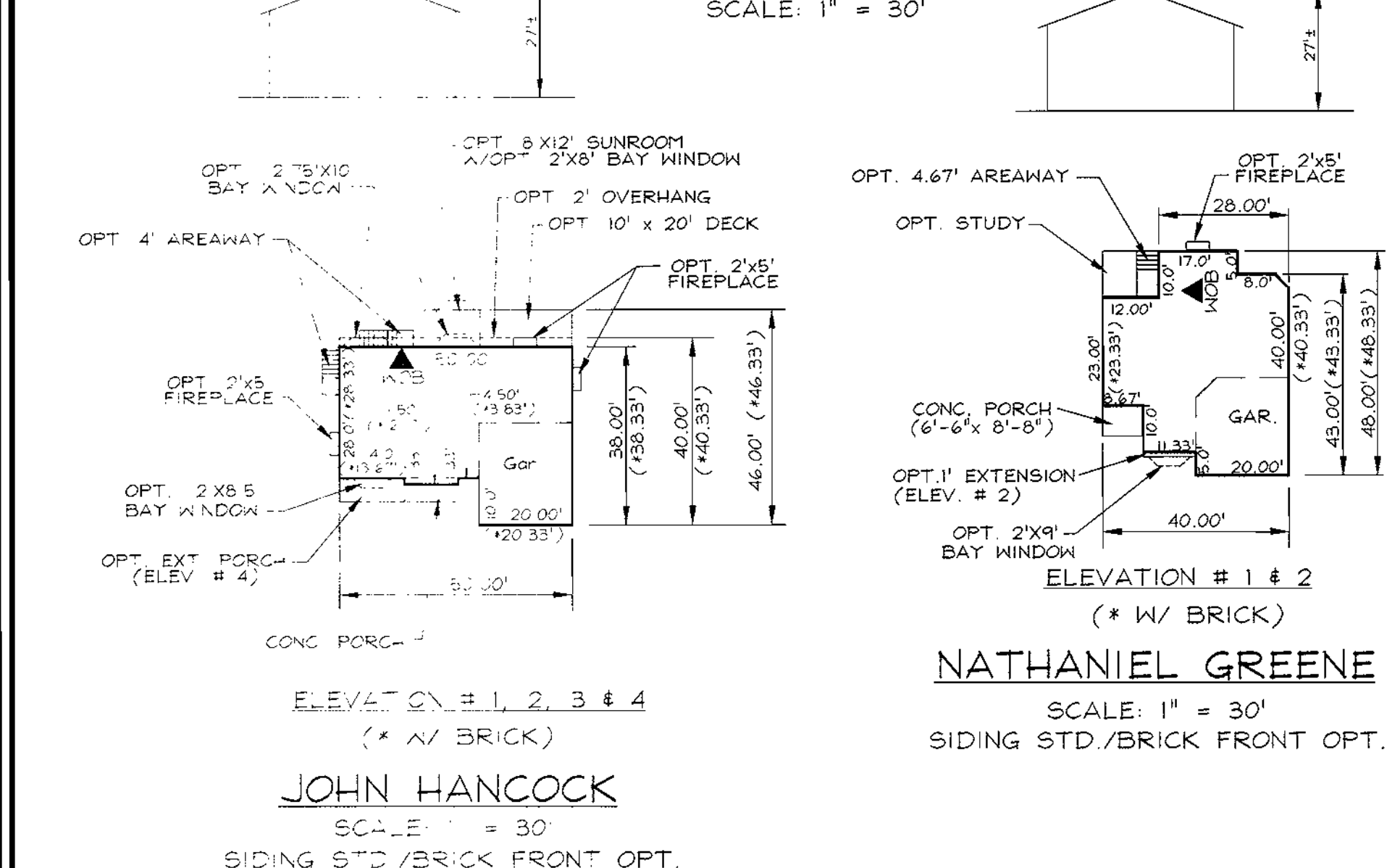
**PATRIOT HOMES**  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

9 SHEET OF 12



**GENERIC BOXES**  
SCALE: 1" = 30'



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: *[Signature]* 11/17/01

Chief, Division of Land Development: *[Signature]* 11/25/01

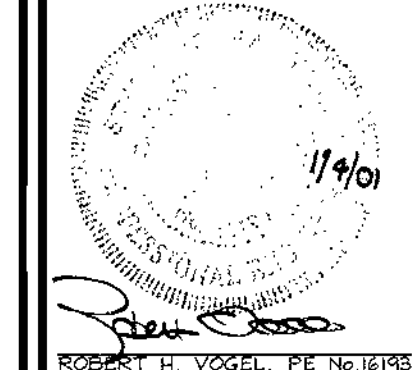
Inspector: *[Signature]* 11/26/01

NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

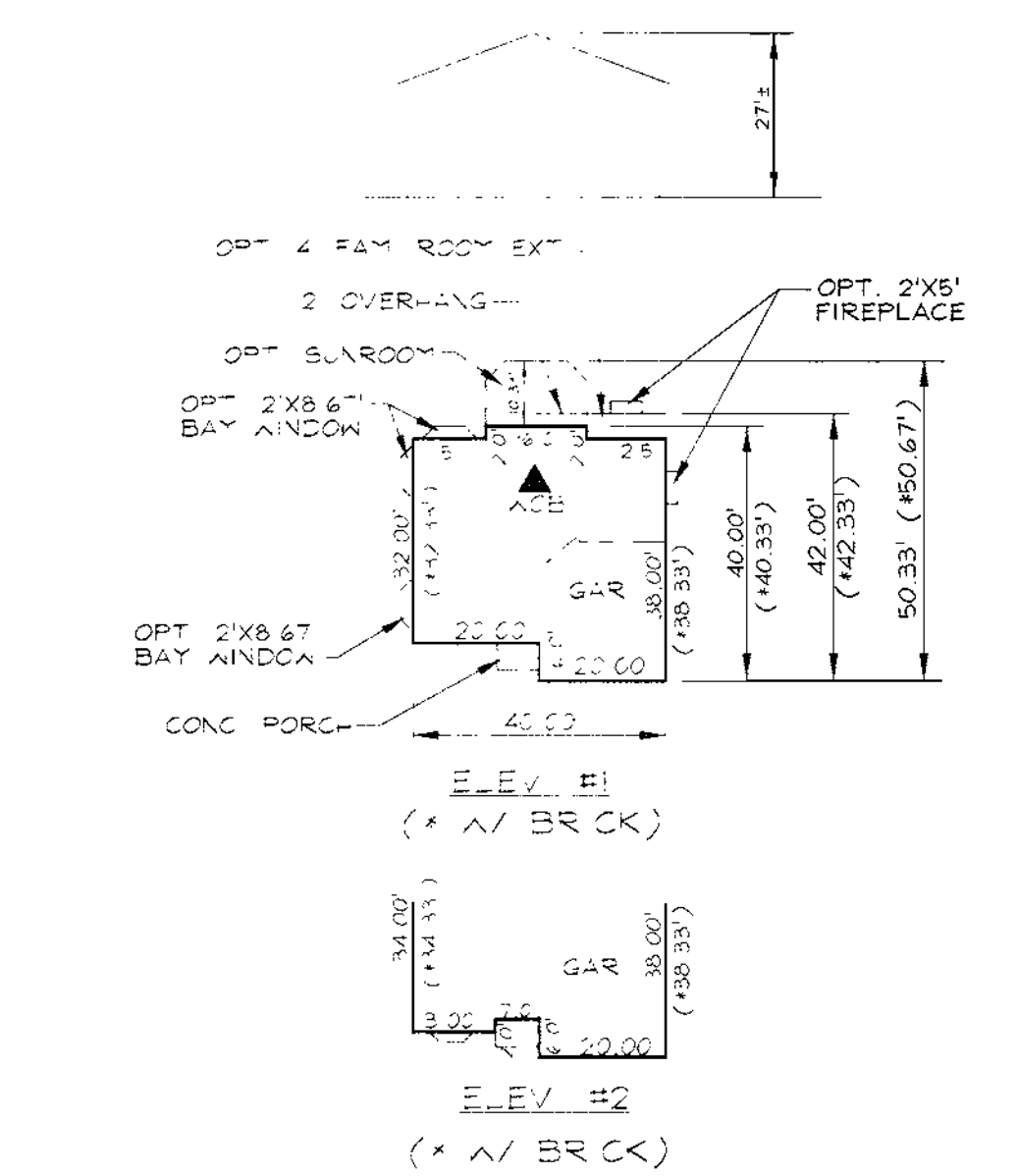
**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

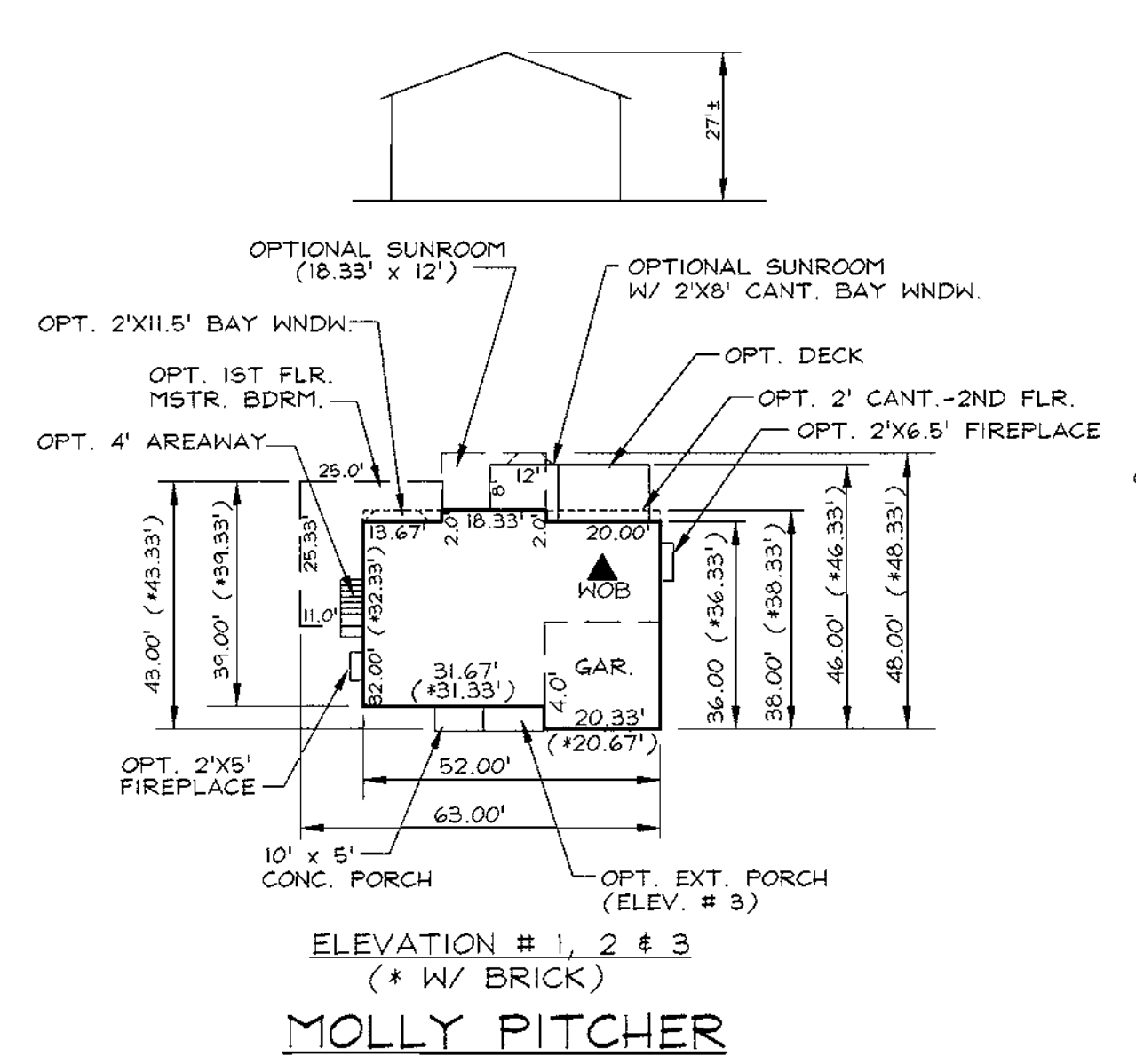


DESIGN BY: GAH  
DRAWN BY: GAH  
CHECKED BY: RHV  
DATE: Dec 18, 2000  
SCALE: 1" = 30'  
W.O. NO.: 99-152

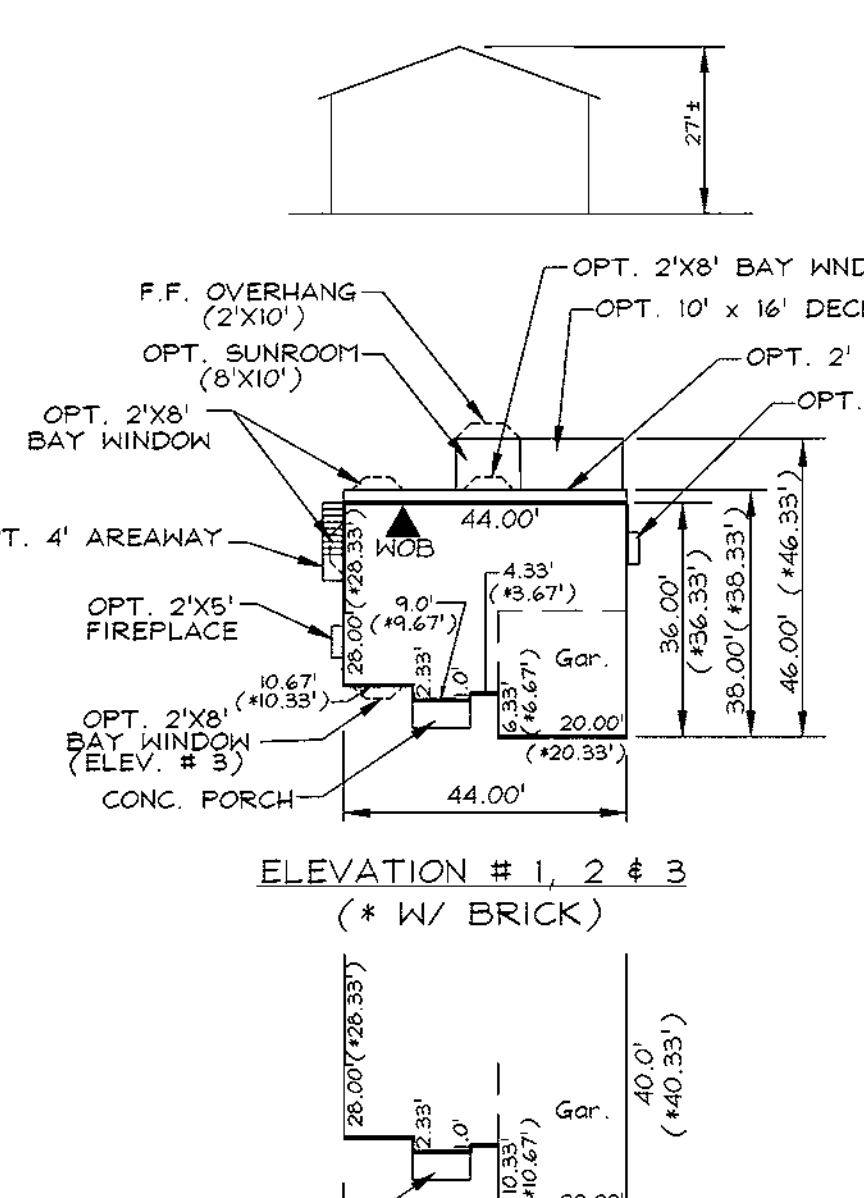
10 SHEET OF 12



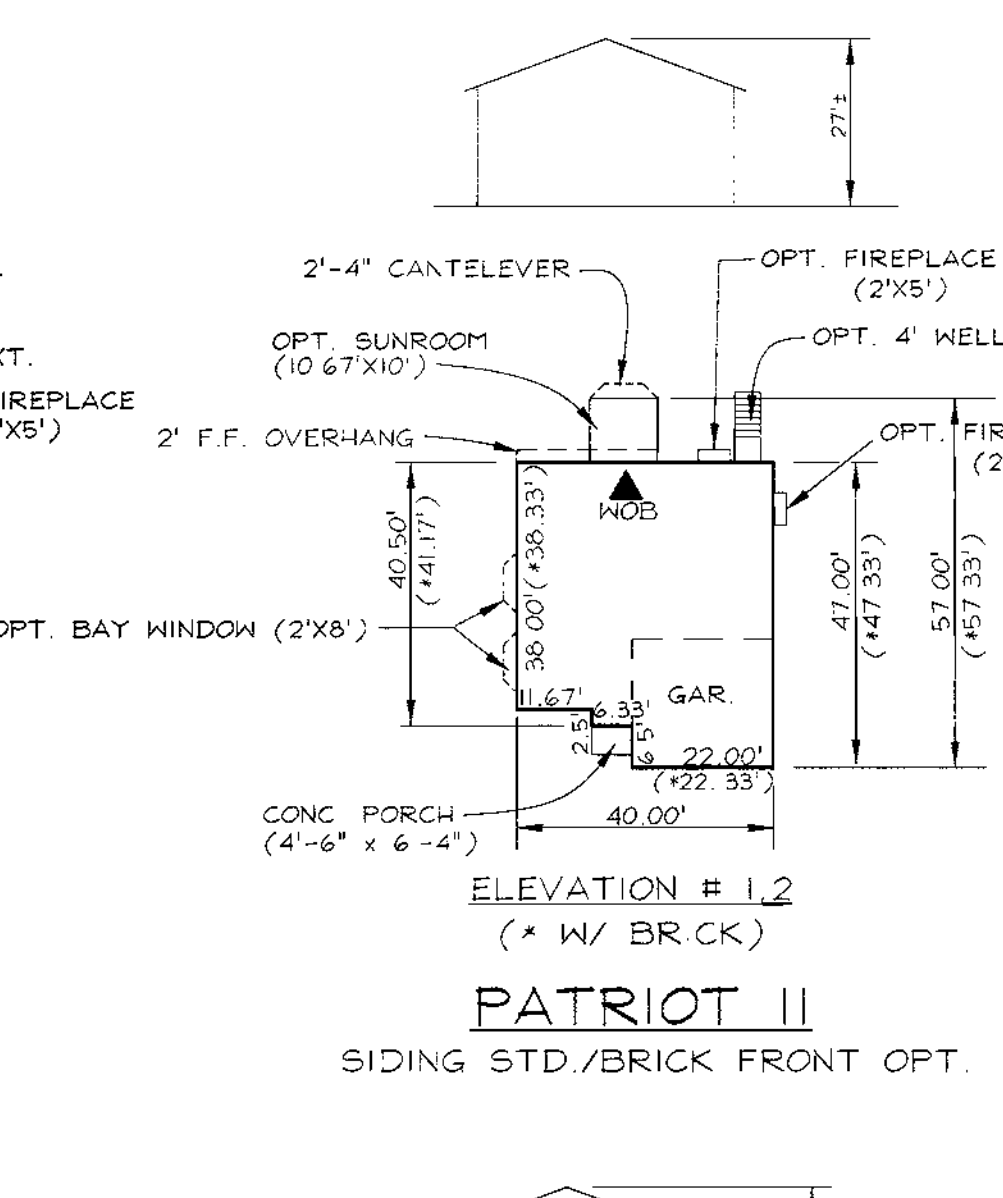
**PHILLIS WHEATLEY**  
SIDING STD./BRICK OPT. - ELEV. # 1  
SIDING STD./BRICK OR STONE OPT. - ELEV. # 2



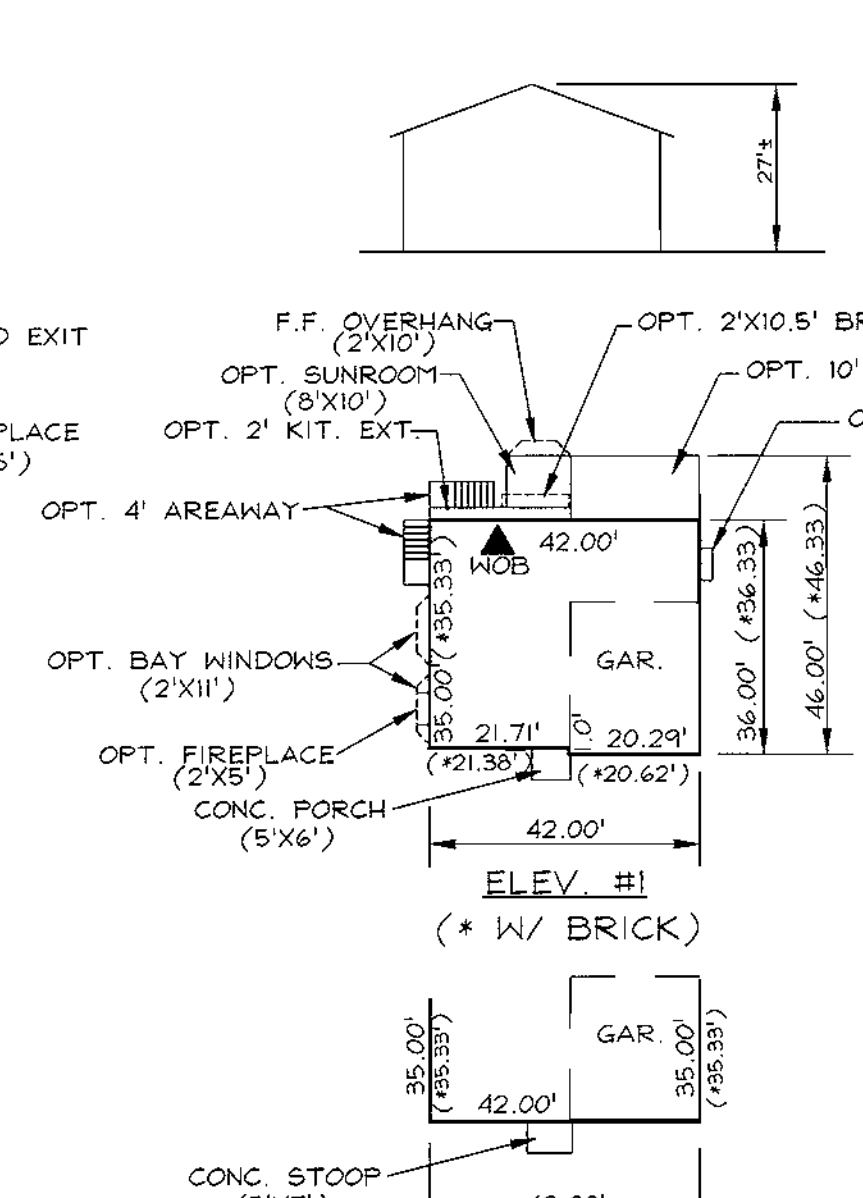
**MOLLY PITCHER**  
SIDING STD./BRICK FRONT OPT.



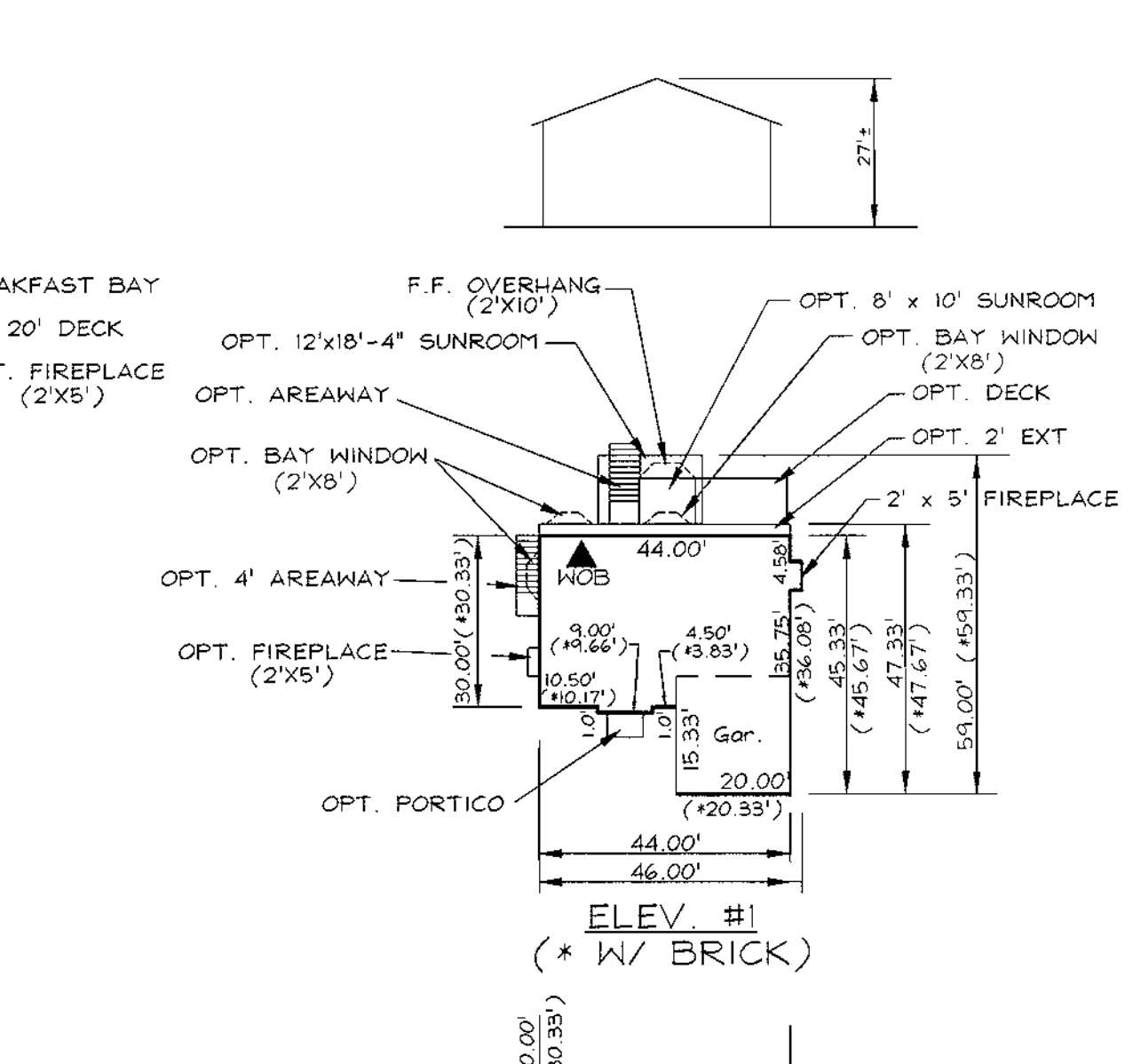
**BENJAMIN BANNEKER**  
SIDING STD./BRICK FRONT OPT.



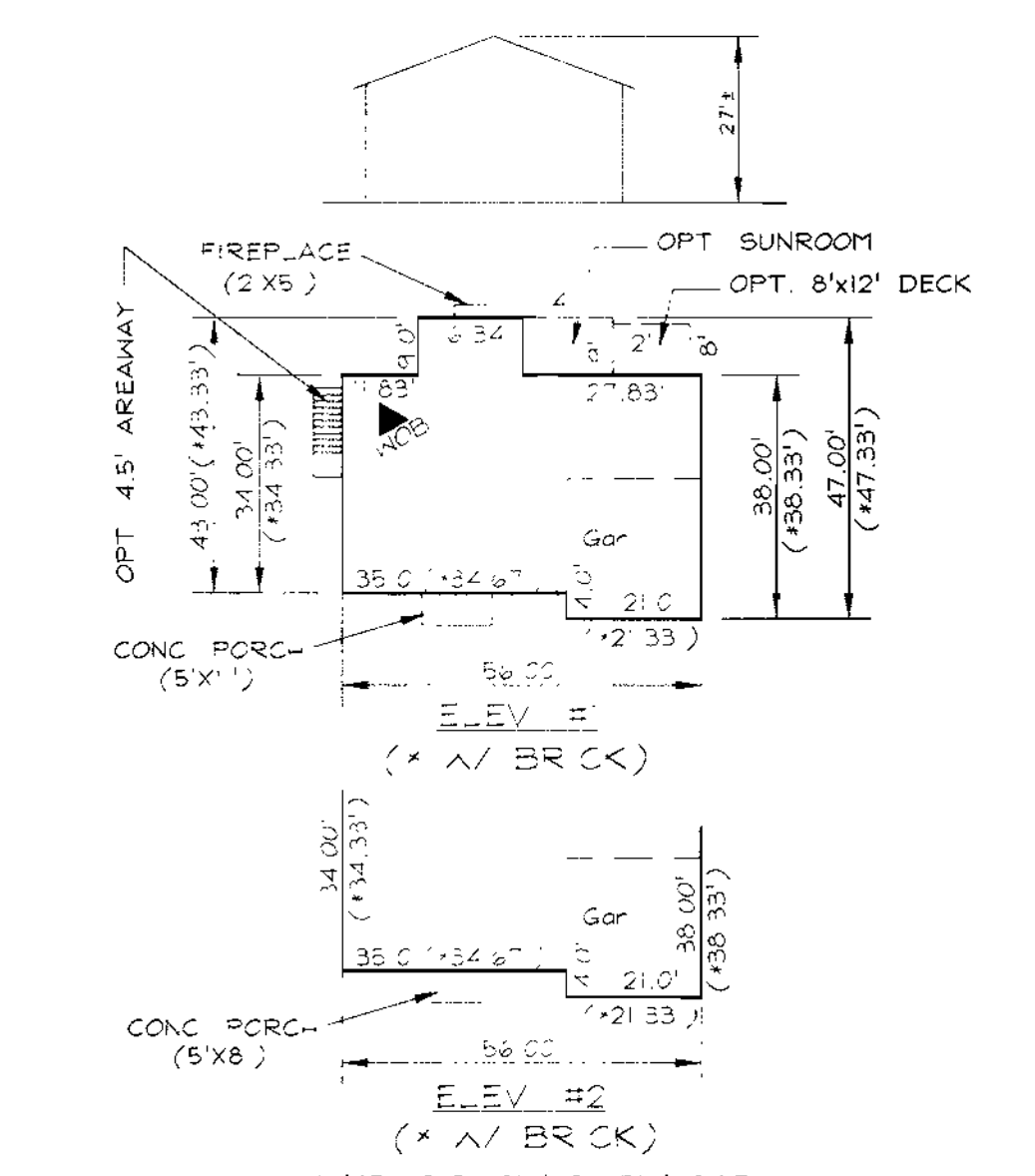
**PATRIOT II**  
SIDING STD./BRICK FRONT OPT.



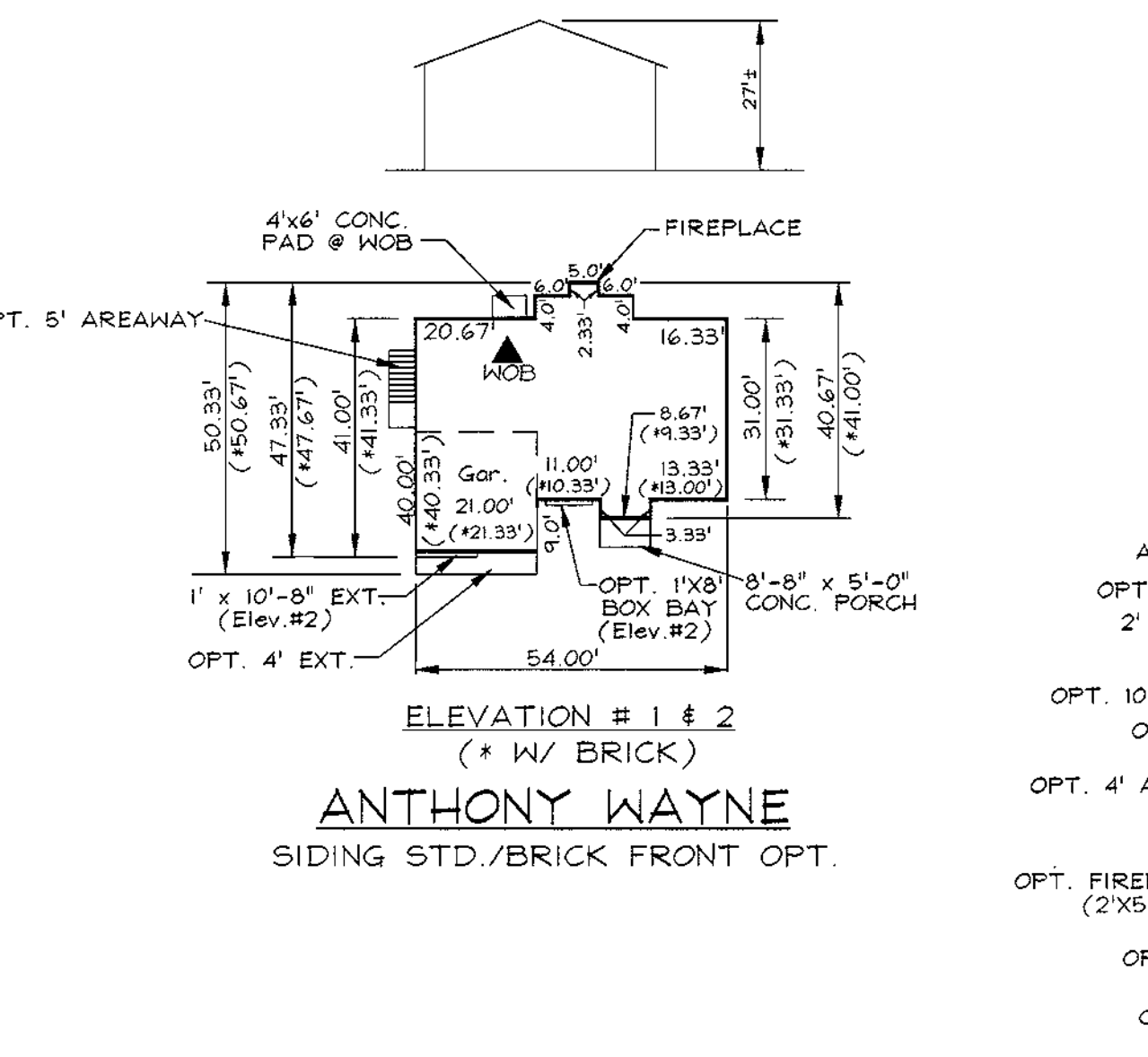
**PATRICK HENRY**  
SIDING STD./BRICK FRONT OPT.



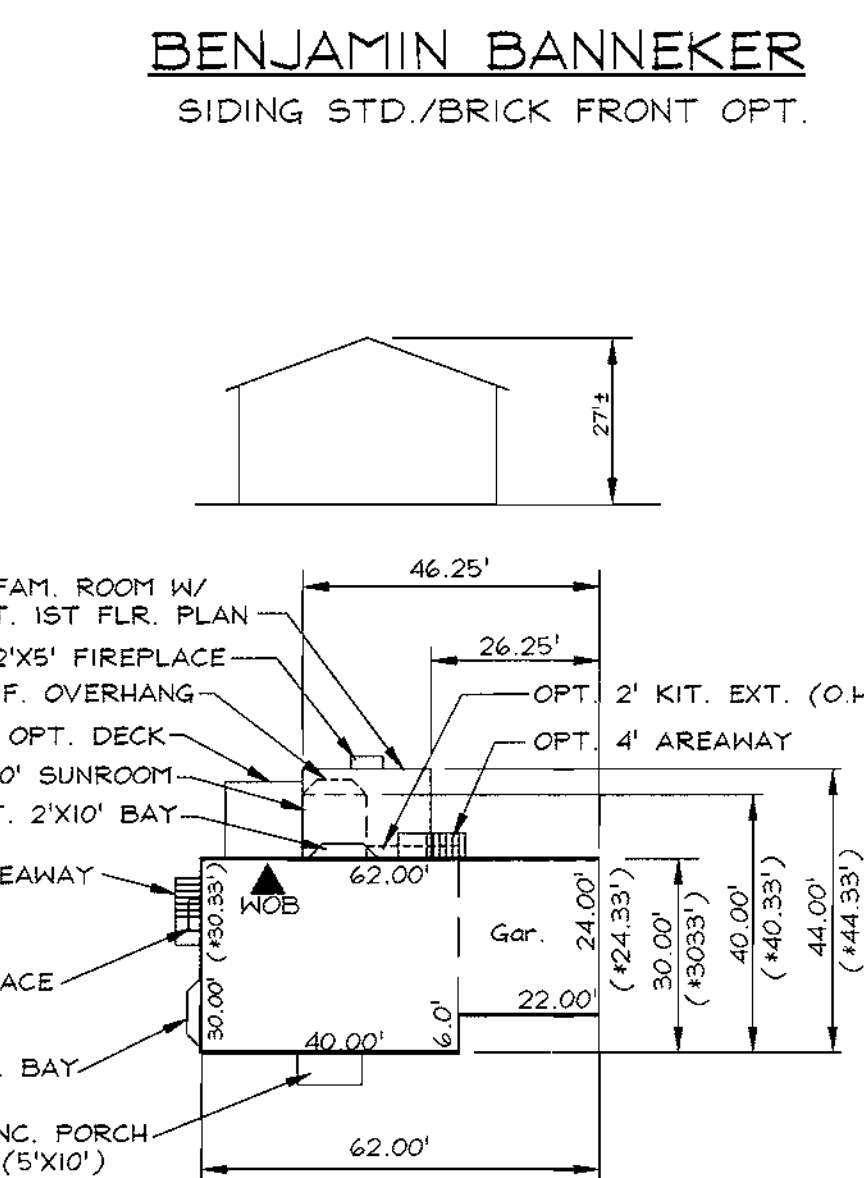
**ABRAHAM CLARK**  
SIDING STD./BRICK FRONT OPT.



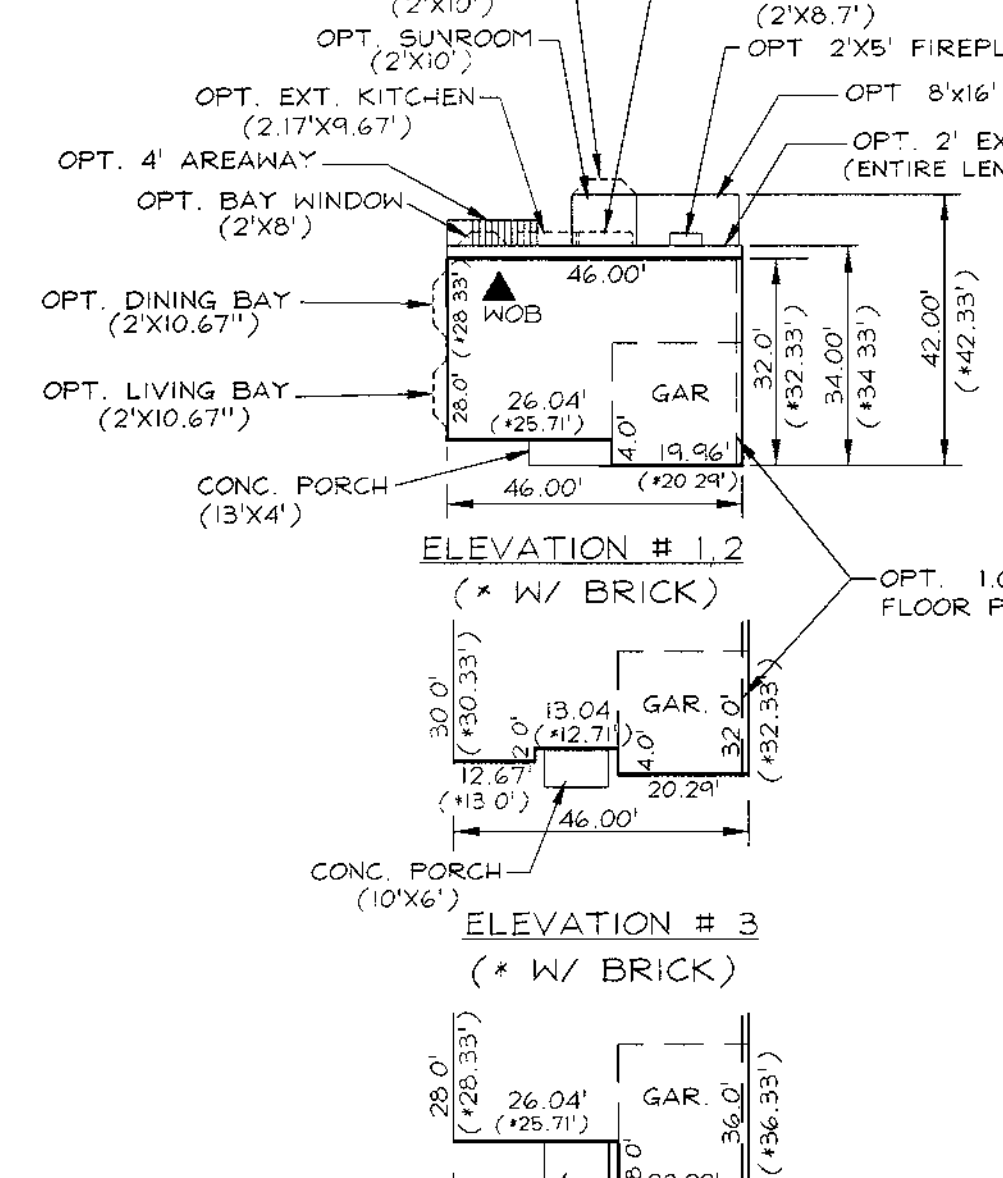
**INDEPENDENCE**  
SIDING STD./BRICK FRONT OPT.



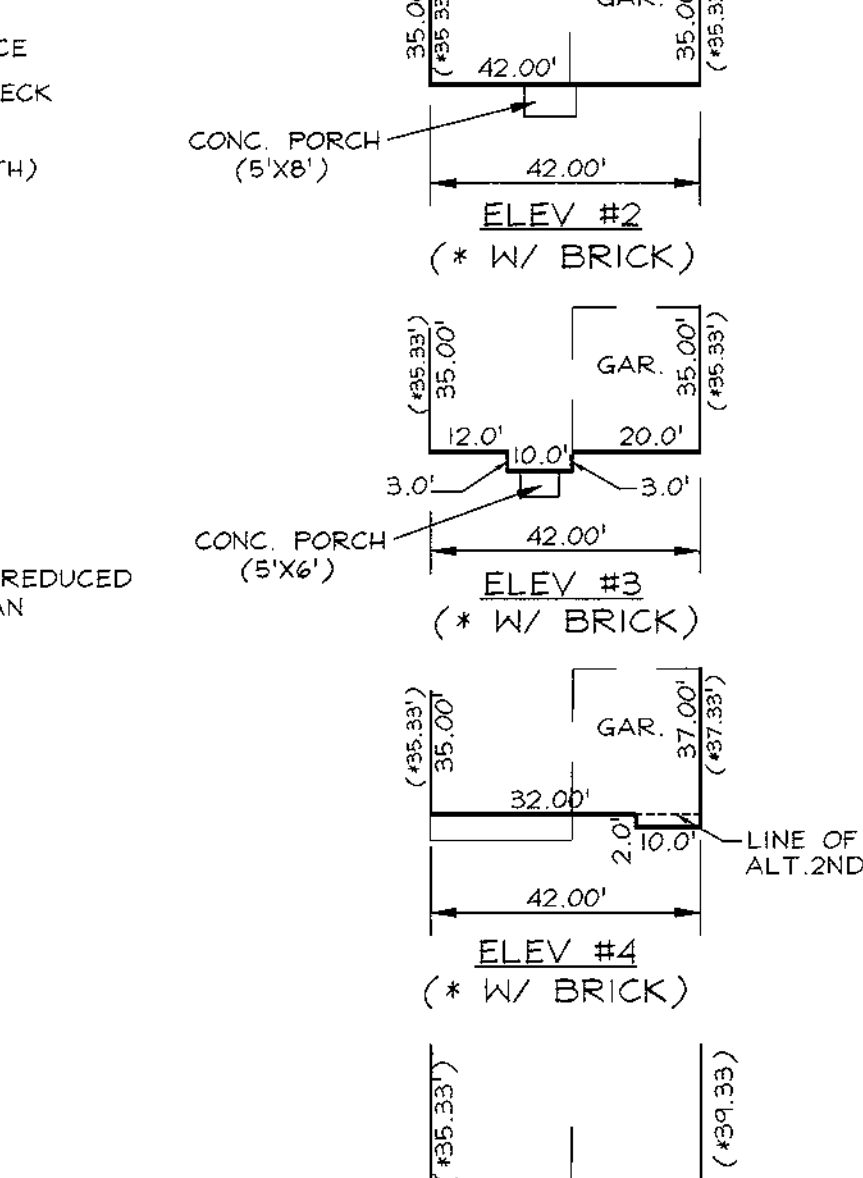
**ANTHONY WAYNE**  
SIDING STD./BRICK FRONT OPT.



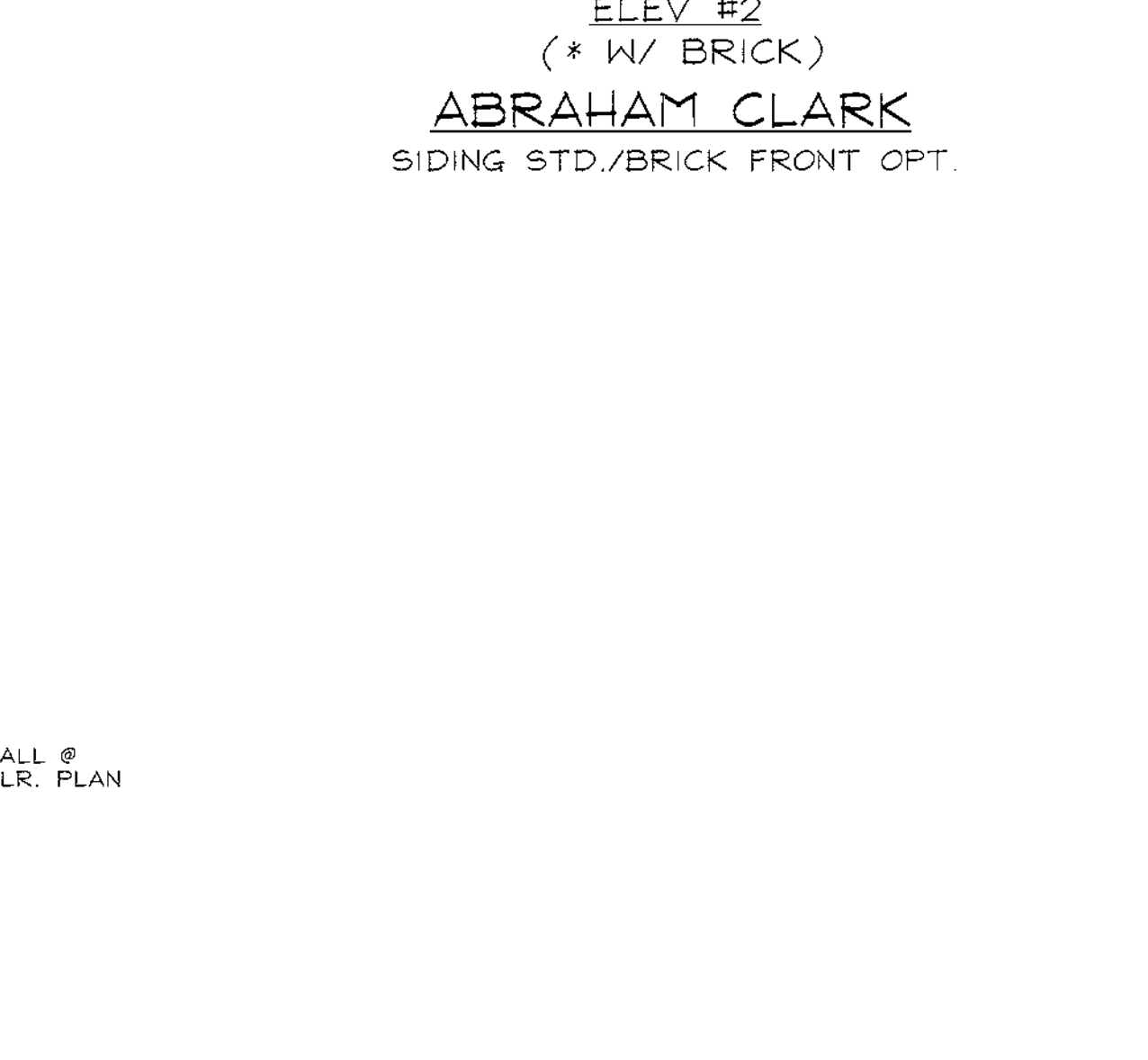
**BEN FRANKLIN**  
SIDING STD./BRICK FRONT OPT.



**GEORGE MASON**  
SIDING STD./BRICK FRONT OPT.



**ENGLISH BASEMENT**  
SIDING STD./BRICK FRONT OPT.



**ENGLISH BASEMENT**  
SIDING STD./BRICK FRONT OPT.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief Development Engineering Division DATE 1/17/01  
 Chief Division of Land Development DATE 1/25/01  
 Recorder DATE 1/26/01

OWNER/DEVELOPER  
**PATRIOT HOMES**  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS/SURVEYORS/PLANNERS  
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3866

DESIGN BY: GAH  
 DRAWN BY: GAH  
 CHECKED BY: RHY  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

11 SHEET OF 12

TEMPORARY SEEDING

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed. Seeded preparation... Soil Amendments: Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.)

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent, long-lived vegetative cover is needed. Seeded preparation... Soil Amendments: Use one of the following schedules: 1) Prefertex - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq. ft.)

SEDIMENT CONTROL NOTES

- 1. A minimum of 48 hours notice must be given to the Howard County Department of Inspection License and Permits Sediment Control Division... 2. All vegetation and structural practices are to be installed according to the provisions of this plan...

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

Definition: Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation. Purpose: To provide a suitable soil medium for vegetable growth. Conditions Where Practice Applies: 1. This practice is limited to areas having 2:1 or flatter slopes...

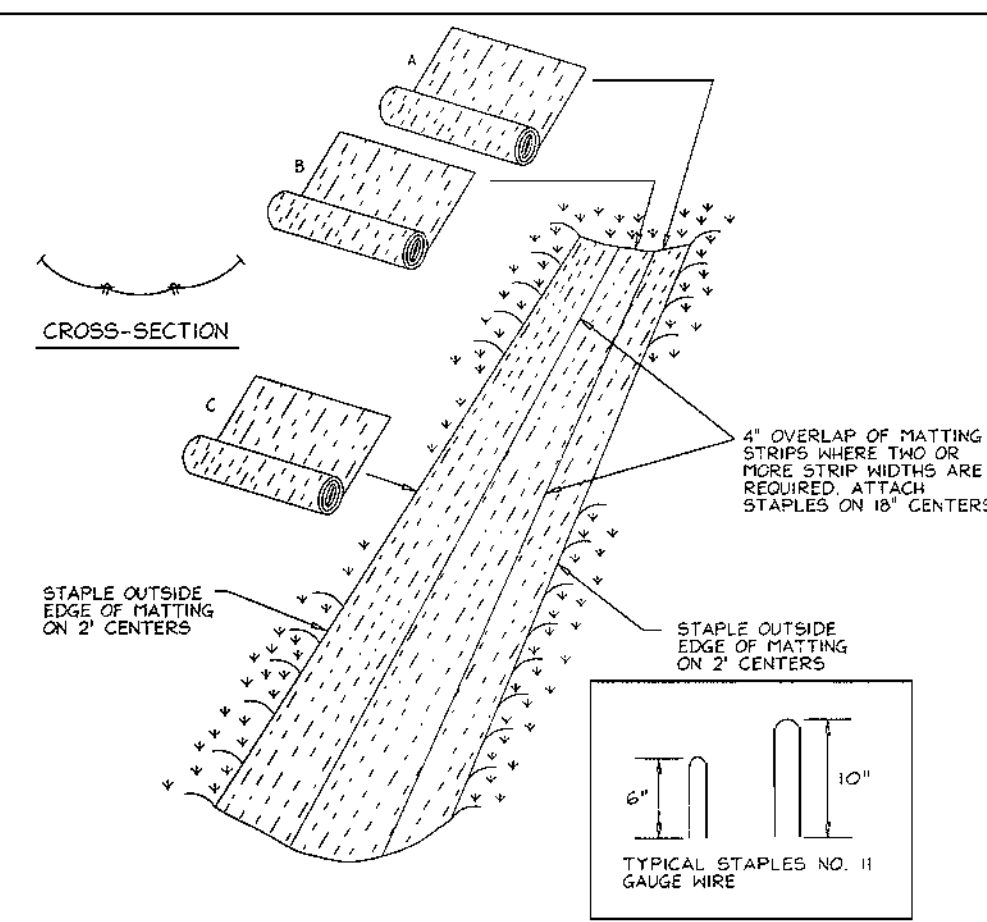
Construction and Material Specifications

1. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. 2. Topsoil Specifications - Soil to be used as topsoil must meet the following: i. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand...

ii. Where the subsoil is either highly acidic or composed of heavy clays, ground limestone 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. 3. For sites having disturbed areas over 5 acres: i. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following: a. pH for topsoil shall be between 6.0 and 7.5...

iv. Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation. Driveways shall be provided prior to resident occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:

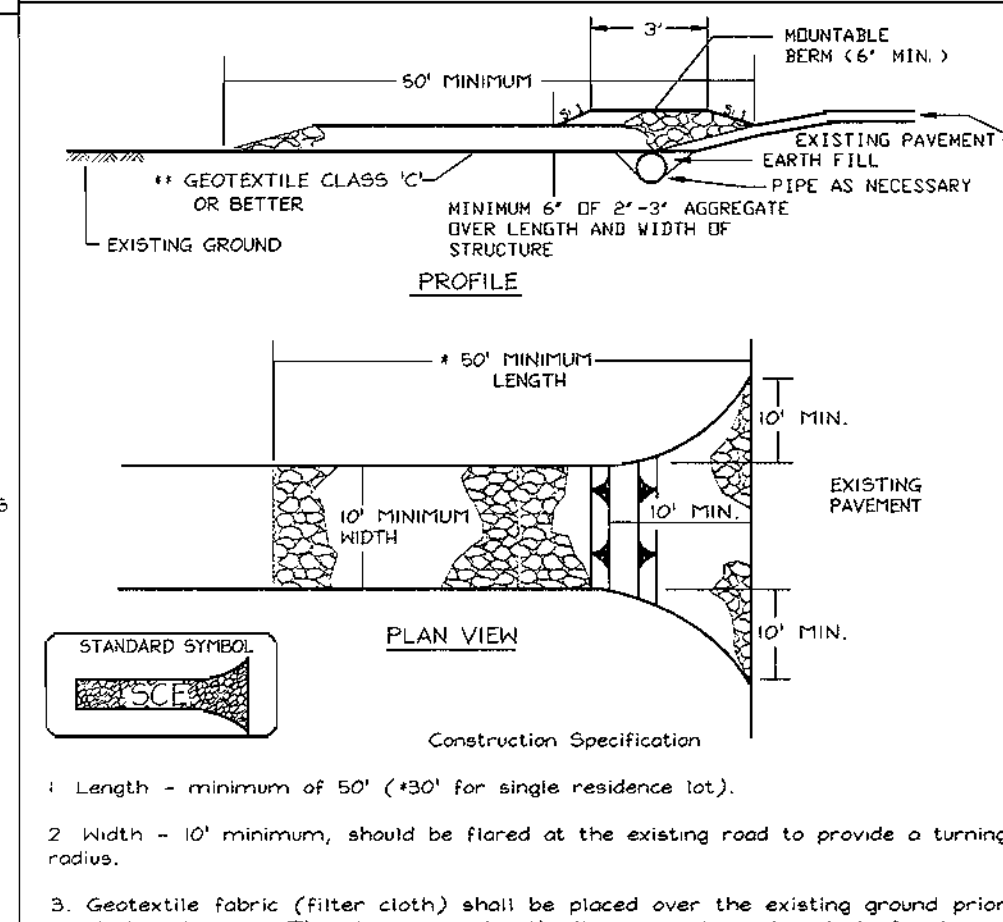
DETAIL 30 - EROSION CONTROL MATTING



- 1. Key-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Backfill the trench and tamp firmly to conform to the channel cross-section. 2. Staple the 4" overlap in the channel center using an 18" spacing between staples.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 6-17-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

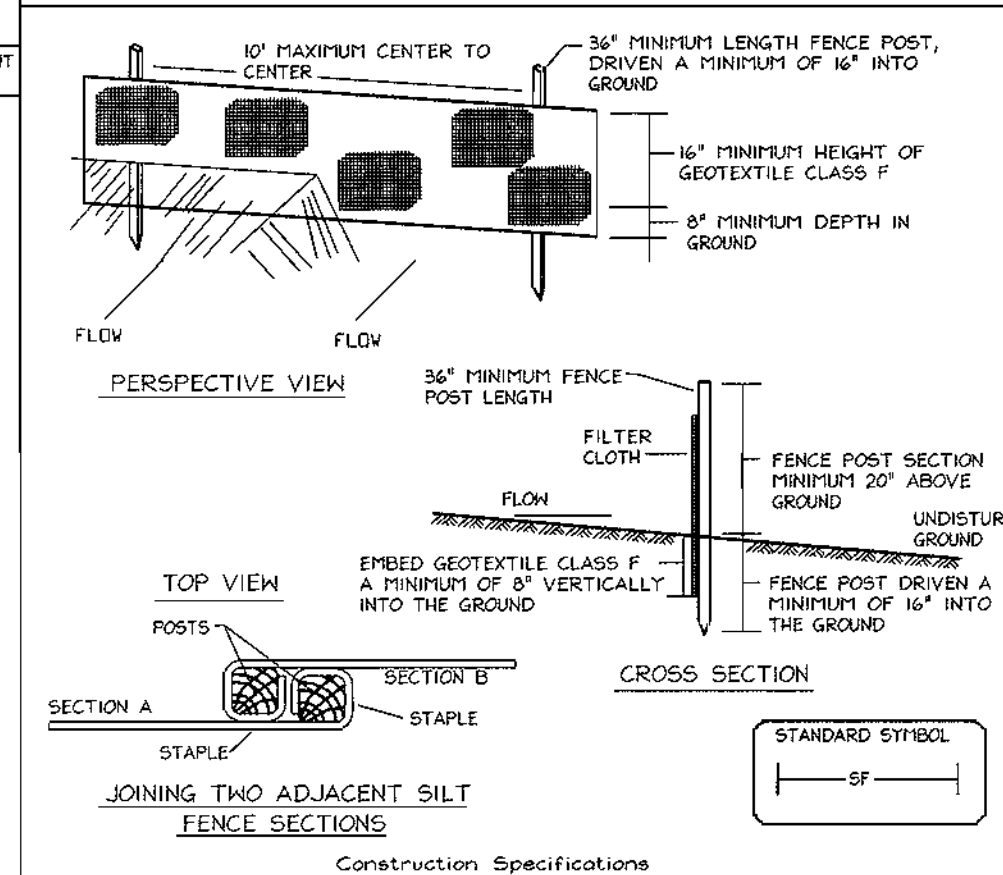
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- 1. Length - minimum of 50' (30' for single residence lot). 2. Width - 10' minimum, should be flared 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.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE F-17-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

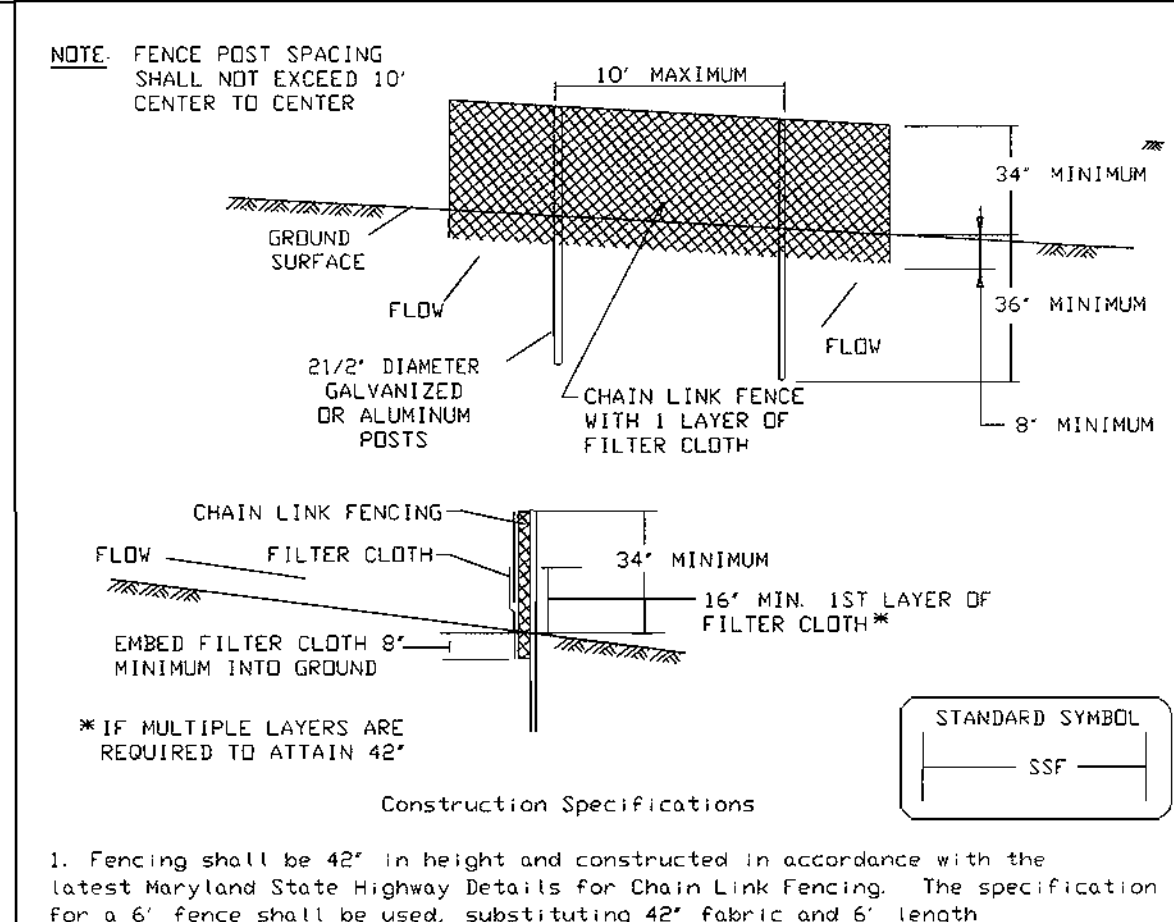
DETAIL 22 - SILT FENCE



- 1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. 2. Geotextile fabric 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 Geotextile Class F: Tensile Strength 50 lbs/in (min.)

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE E-18-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 33 - SUPER SILT FENCE

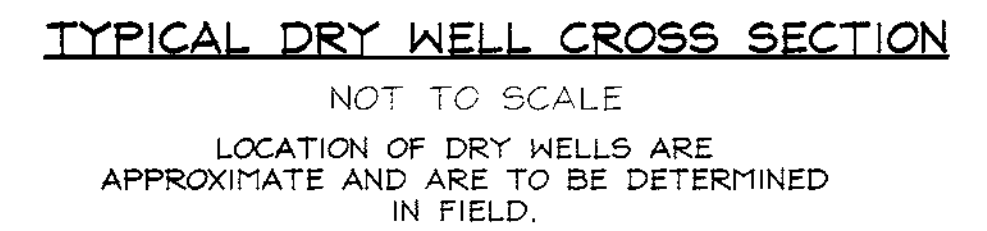


- 1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. 2. Chain link fence shall be fastened securely to the fence posts with wire ties. 3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.

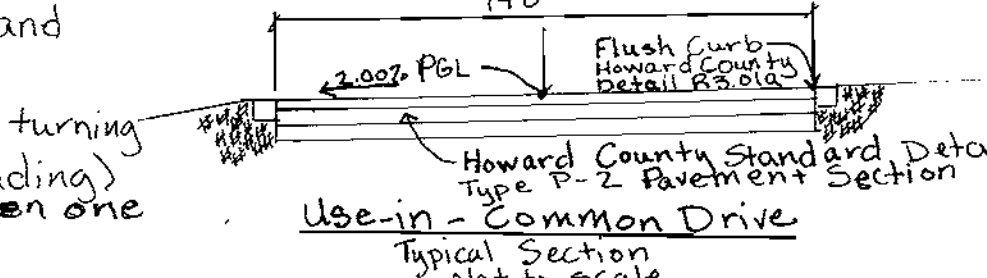
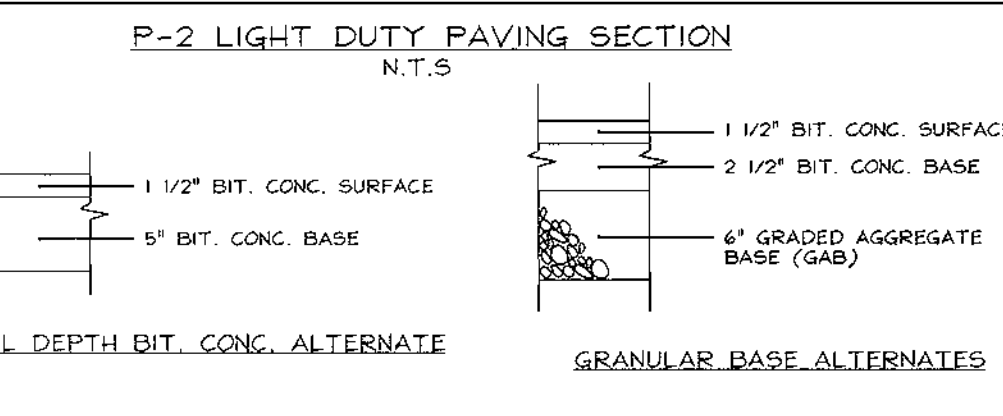
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE H-26-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SEQUENCE OF CONSTRUCTION

- 1. Obtain grading permit. 2. Notify Howard County Bureau of Inspections and Permits (313-1880) at least 24 hours before starting any work. 3. Construct Stabilized Construction Entrances. 4. Install silt fence, super silt fence and erosion control matting.



LOCATION OF DRY WELLS ARE APPROXIMATE AND ARE TO BE DETERMINED IN FIELD.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. Chief Development Engineer: [Signature] DATE: 1/17/01. Chief Design and Development: [Signature] DATE: 1/25/01.

ENGINEER'S CERTIFICATE: I 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 COUNTY CONSERVATION DISTRICT. Signature: Robert H. Vogel DATE: 1/19/00

DEVELOPER'S CERTIFICATE: I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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. Signature: [Signature] DATE: 12-18-00

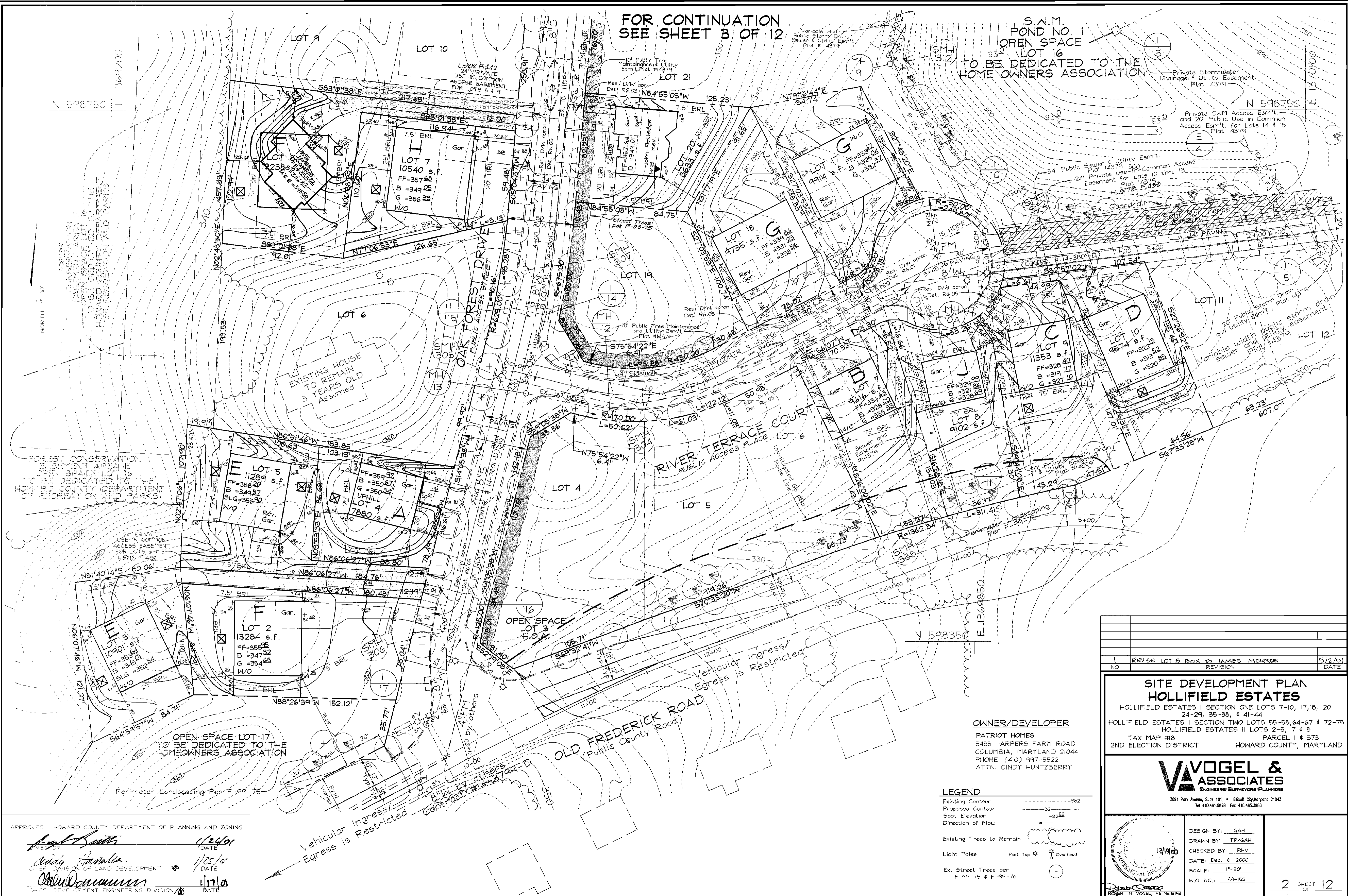
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS. J.H. Wolford DATE: 1/10/01. This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District. Signature: John R. Robertson DATE: 1/10/01

OWNER/DEVELOPER: PATRIOT HOMES, 5485 HARPERS FARM ROAD, COLUMBIA, MARYLAND 21044. Phone: (410) 997-5522. Attn: Cindy Huntzberry.

SEDIMENT CONTROL NOTES AND DETAILS. HOLLIFIELD ESTATES. HOLLIFIELD I SECTION ONE LOTS 7-10, 17, 18, 20. HOLLIFIELD II SECTION TWO LOTS 55-58, 64-67, 72-75. DESIGN BY: GAH. DRAWN BY: GAH. CHECKED BY: RHV. DATE: August 04, 2000. SCALE: AS NOTED. W.O. NO.: 99-152. 12 SHEET OF 12.

FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



NO.	REVISION	DATE
1	REVISE LOT 8 BOX TO JAMES MONROE REVISION	5/2/01

**SITE DEVELOPMENT PLAN  
HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17-18, 20  
24-29, 35-38, & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD ESTATES II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

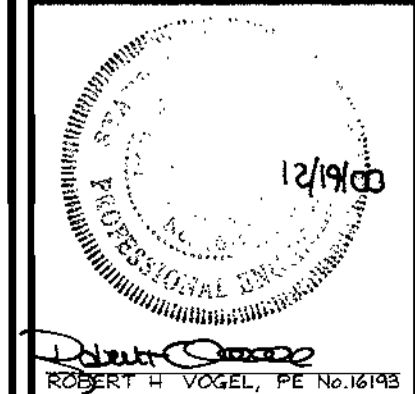
**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

**VOGEL & ASSOCIATES**  
ENGINEERS/SURVEYORS/PLANNERS

3891 Park Avenue, Suite 101 • Elliott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

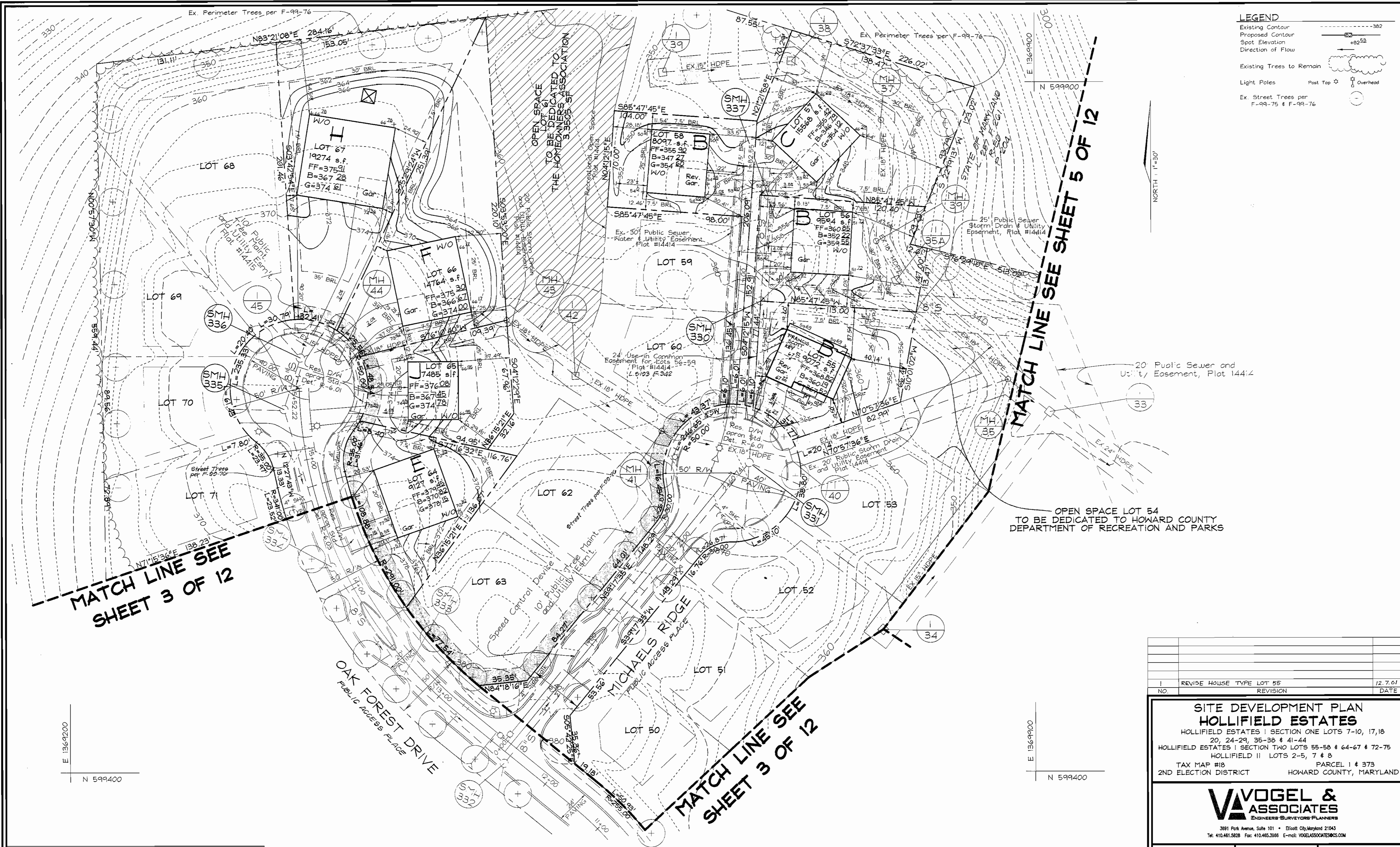
**LEGEND**

- Existing Contour ---382
- Proposed Contour ---02
- Spot Elevation +82.83
- Direction of Flow →
- Existing Trees to Remain [Symbol]
- Light Poles Post Top [Symbol] Overhead [Symbol]
- Ex. Street Trees per F-99-75 & F-99-76 [Symbol]



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec. 18, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
1/24/01 DATE  
1/25/01 DATE  
1/17/01 DATE



**LEGEND**

Existing Contour	- - - - -	-382
Proposed Contour	- - - - -	+82.52
Spot Elevation	○	
Direction of Flow	→	
Existing Trees to Remain	○	
Light Poles	○	
Ex. Street Trees per F-99-75 & F-99-76	○	
	○	Overhead

MATCH LINE SEE SHEET 3 OF 12

MATCH LINE SEE SHEET 5 OF 12

MATCH LINE SEE SHEET 3 OF 12

E 1369900  
N 599400

E 1369900  
N 599400

OPEN SPACE LOT 54 TO BE DEDICATED TO HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

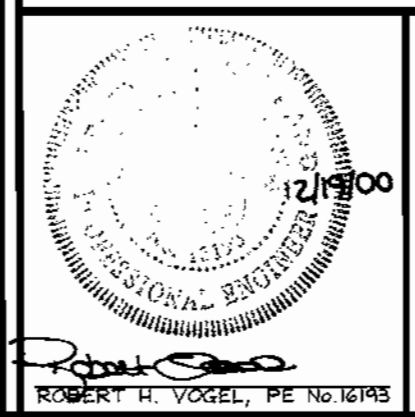
OPEN SPACE TO BE DEDICATED TO THE HOMEOWNERS ASSOCIATION

NO.	REVISION	DATE
1	REVISE HOUSE TYPE LOT 55	12.7.01

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58 & 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL I & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VAVOGL & ASSOCIATES**  
 ENGINEERS/SURVEYORS/PLANNERS

3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel: 410.461.5828 Fax: 410.465.3888 E-mail: VAVOGLASSOCIATES@CS.COM



**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

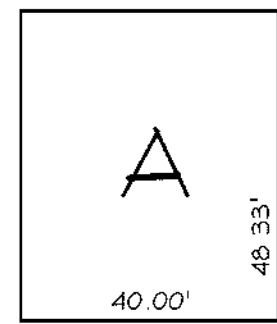
4 SHEET OF 12

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

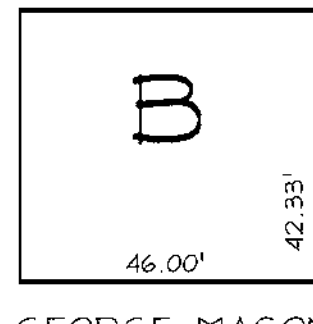
*Joseph A. Kauter* 1/26/01  
 DIRECTOR DATE

*Cindy Krumholz* 1/25/01  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

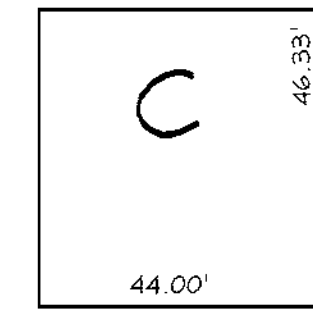
*Robert H. Vogel* 1/17/01  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



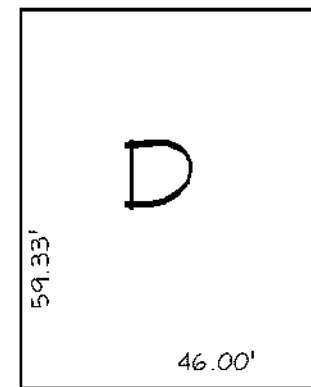
NATHANIEL GREENE  
BEN FRANKLIN (D-3 UPHILL)



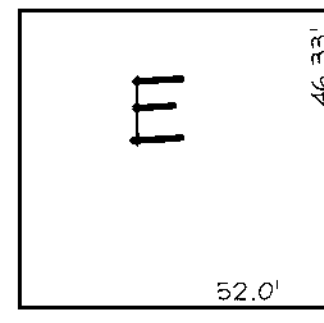
GEORGE MASON



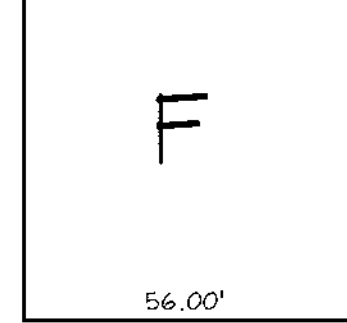
BENJAMIN BANNEKER  
BEN FRANKLIN (D-3 UPHILL)



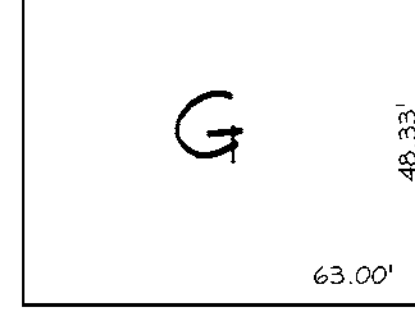
NATHANIEL GREENE



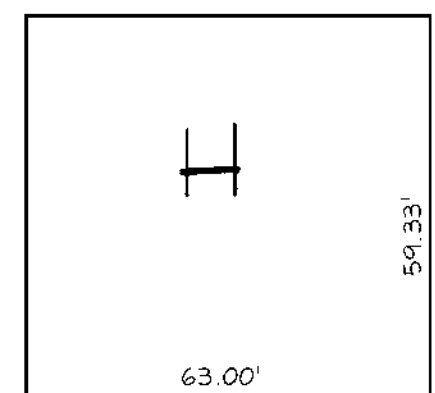
BENJAMIN BANNEKER  
GEORGE MASON  
JOHN RUTLEDGE  
FRANCIS SCOTT KEY  
BEN FRANKLIN (D-3 UPHILL)



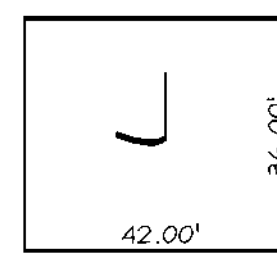
FRANCIS SCOTT KEY  
BENJAMIN BANNEKER  
JOHN HANCOCK  
LAFAYETTE  
JAMES MONROE  
JOHN ADAMS



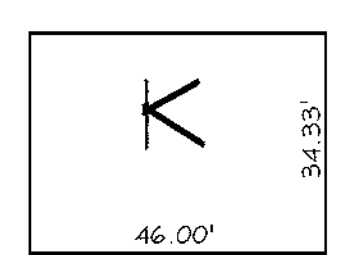
VICTORY  
MOLLY PITCHER  
BENJAMIN FRANKLIN  
BENJAMIN BANNEKER  
GEORGE MASON  
JOHN RUTLEDGE  
NATHANIEL GREENE  
INDEPENDENCE  
FRANCIS SCOTT KEY  
LAFAYETTE  
PATRICK HENRY  
JOHN HANCOCK  
BEN FRANKLIN (D-3 UPHILL)



FITS ALL MODELS

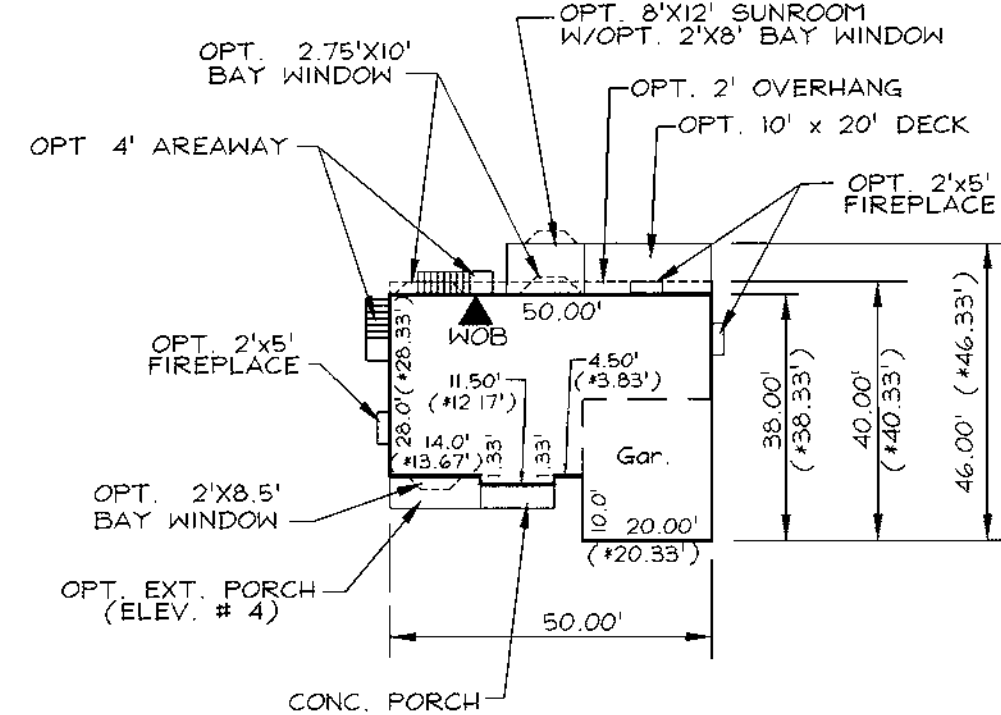
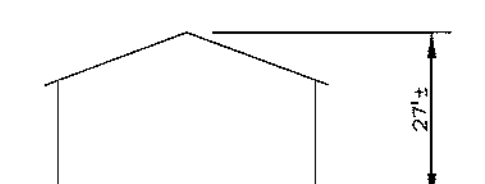
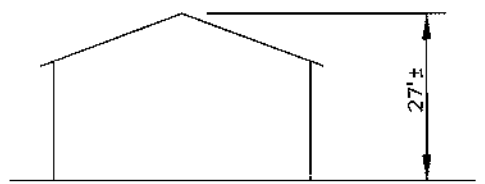


PATRICK HENRY  
BEN FRANKLIN (D-3 UPHILL)  
w/o OPTIONS



GEORGE MASON (W/ONLY 2' EXT.)  
BEN FRANKLIN (D-3 UPHILL)  
w/o OPTIONS

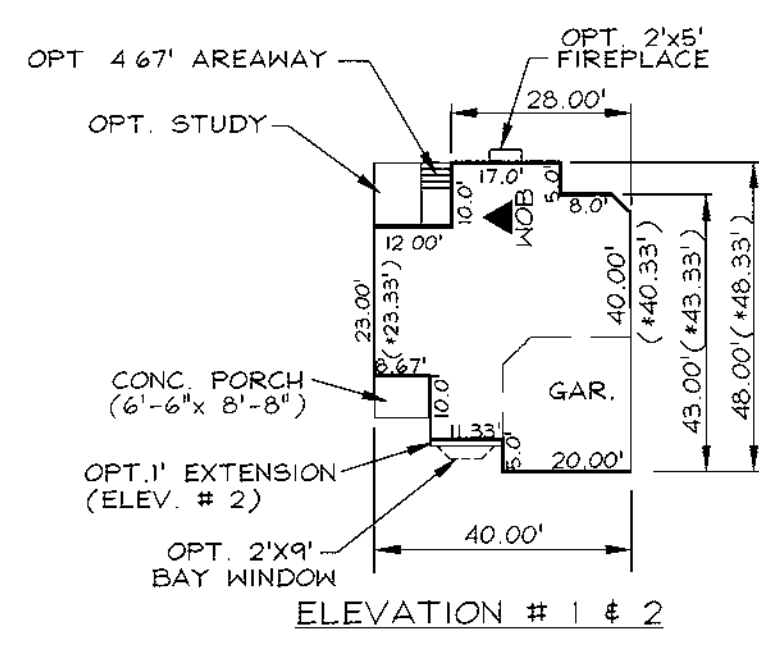
**GENERIC BOXES**  
SCALE: 1" = 30'



ELEVATION # 1, 2, 3 & 4  
(\* W/ BRICK)

**JOHN HANCOCK**

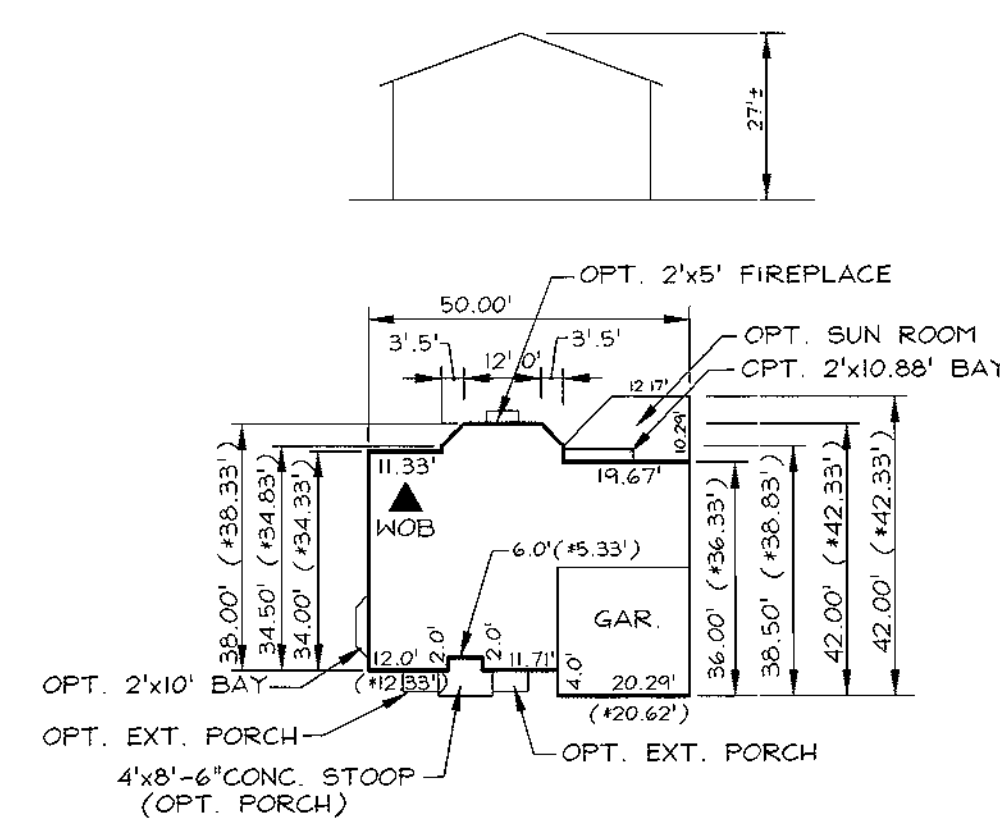
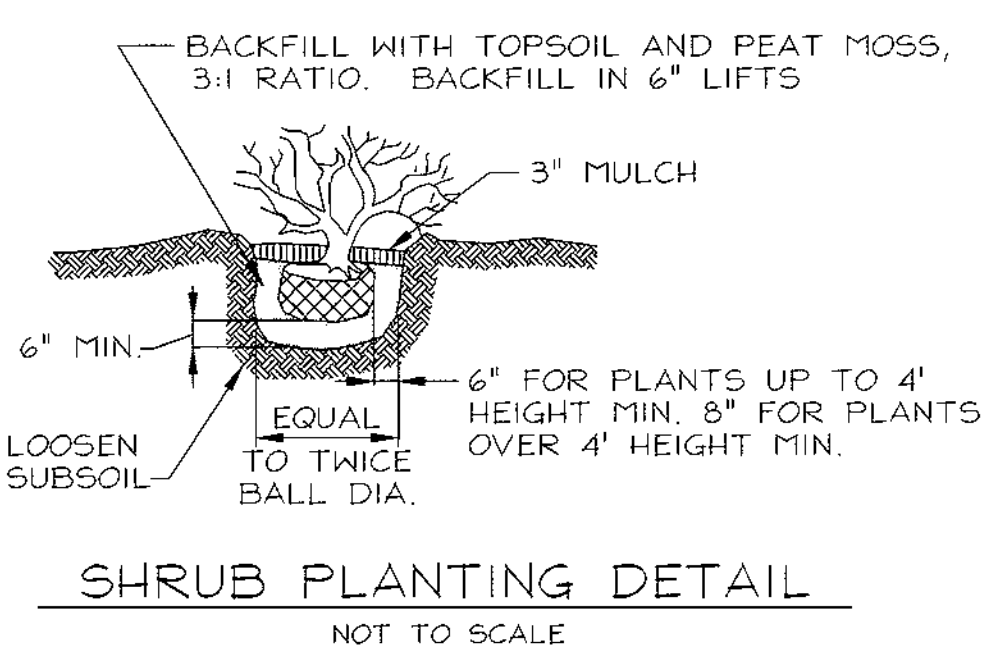
SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.



ELEVATION # 1 & 2  
(\* W/ BRICK)

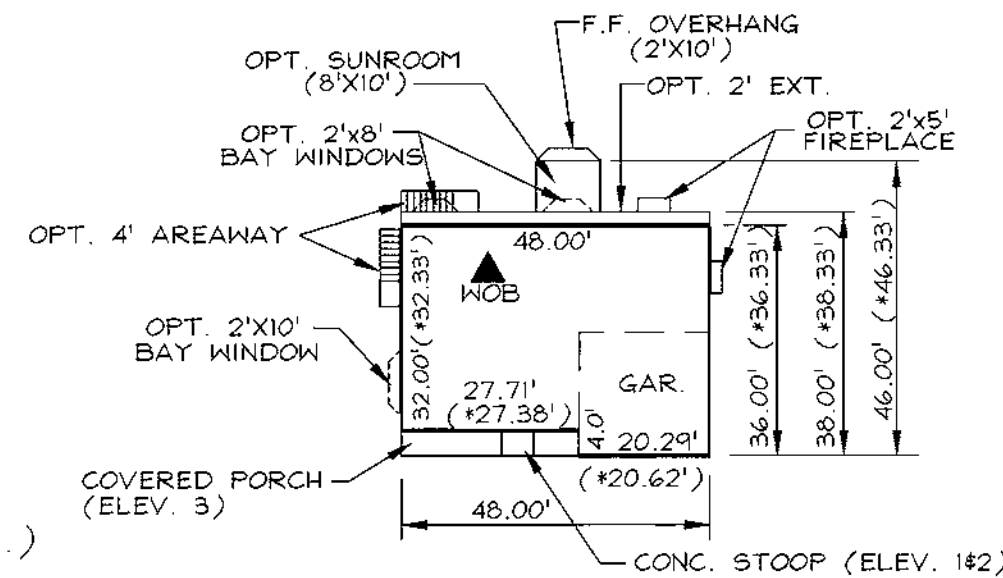
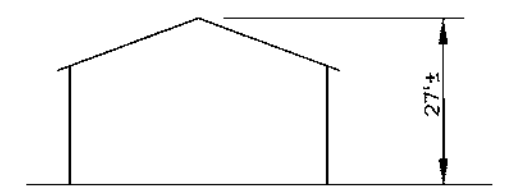
**NATHANIEL GREENE**

SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.

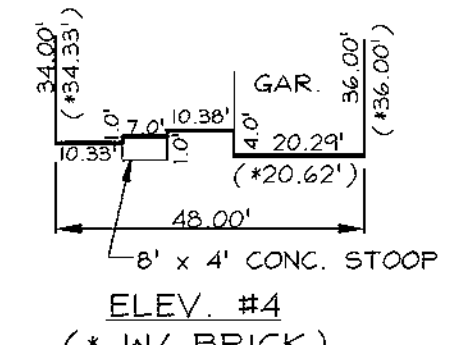


**JOHN RUTLEDGE**

SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.

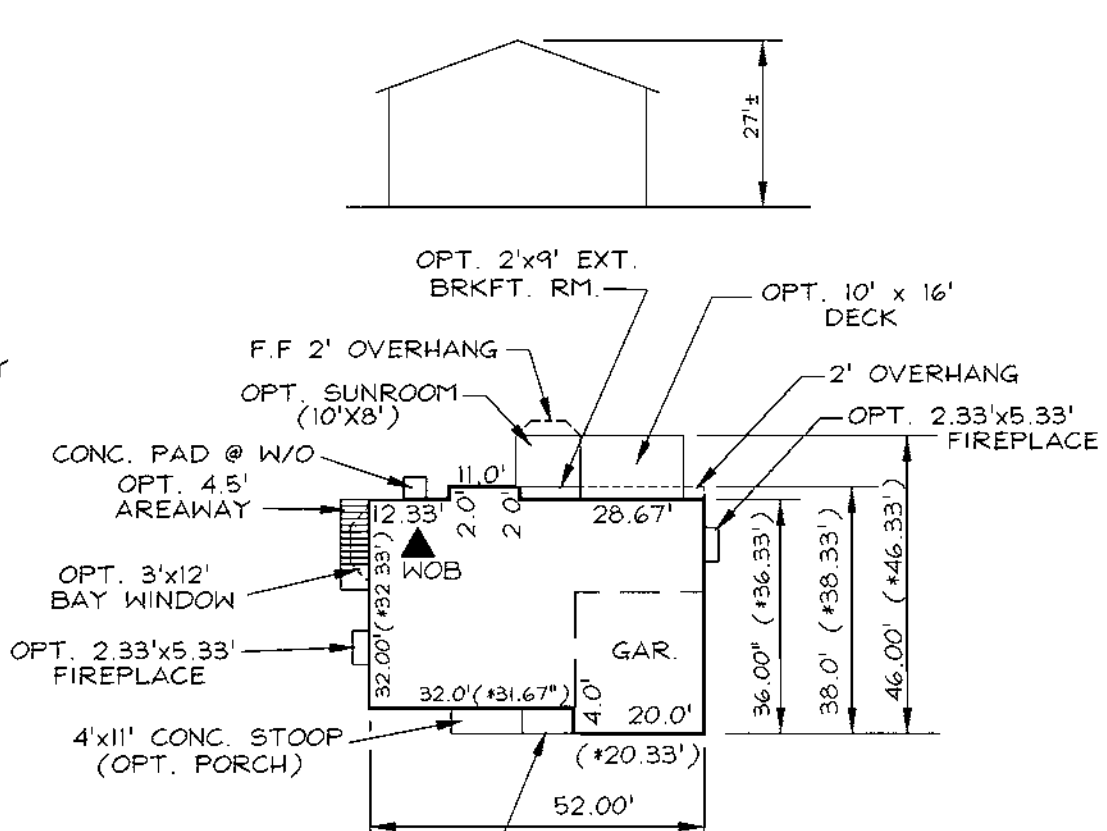


ELEVATION # 1, 2 & 3  
(\* W/ BRICK)



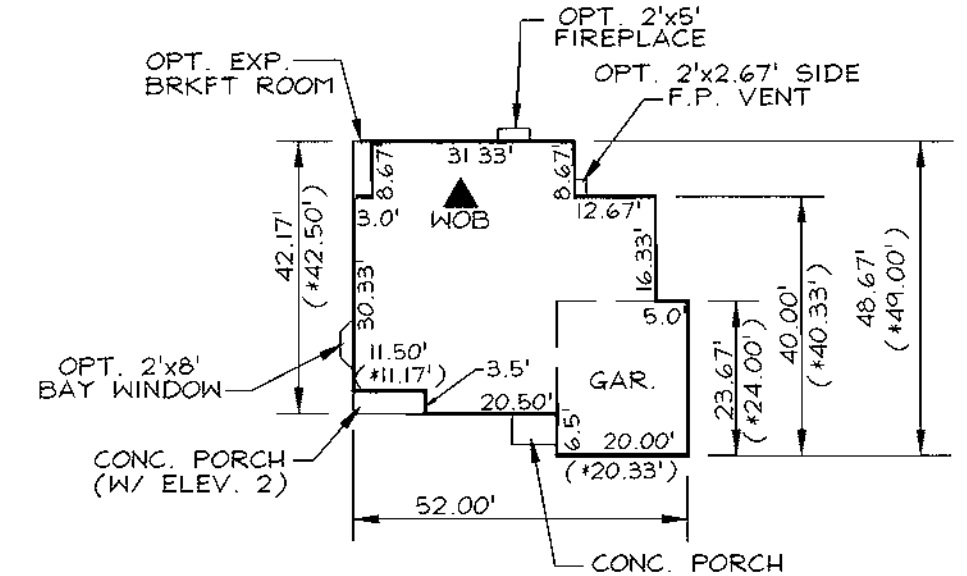
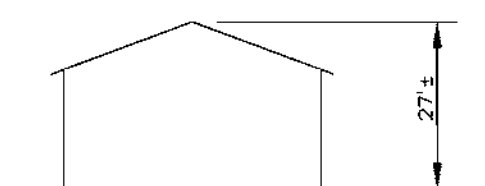
**LAFAYETTE**

SCALE: 1" = 30'  
SIDING STD.  
BRICK FRONT/BRICK WAINSCOT OPT.



**FRANCIS SCOTT KEY**

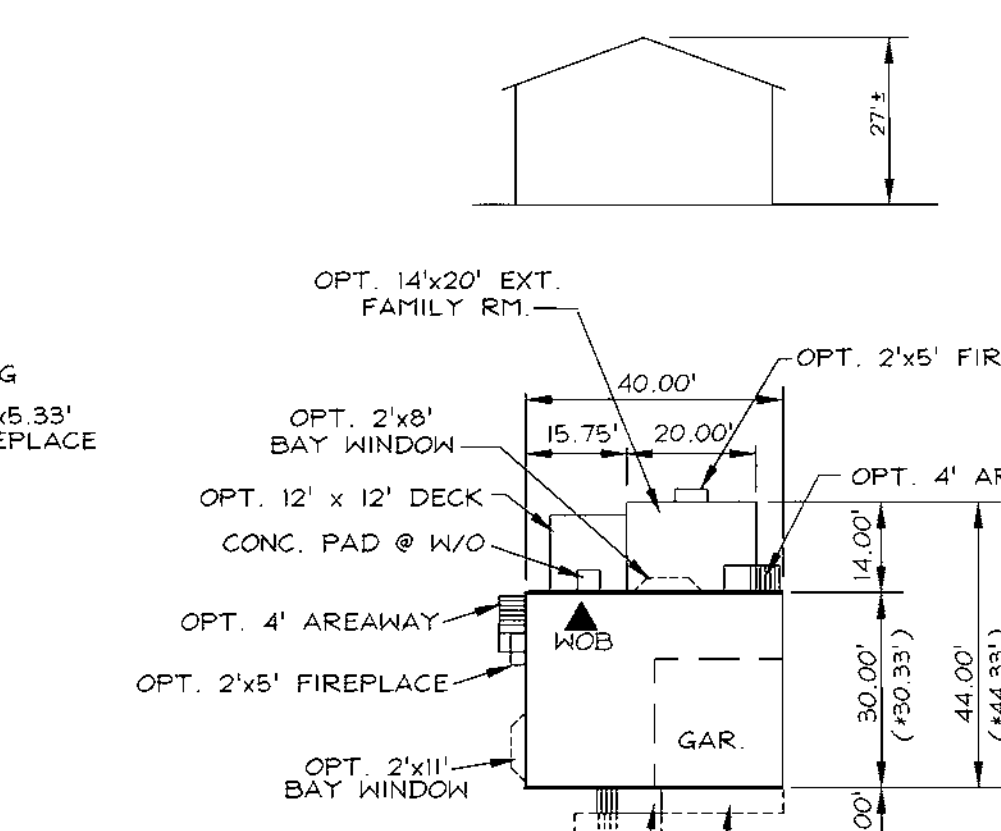
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SIDING STD./BRICK FRONT OPT.



ELEVATION # 1 & 2  
(\* W/ BRICK)

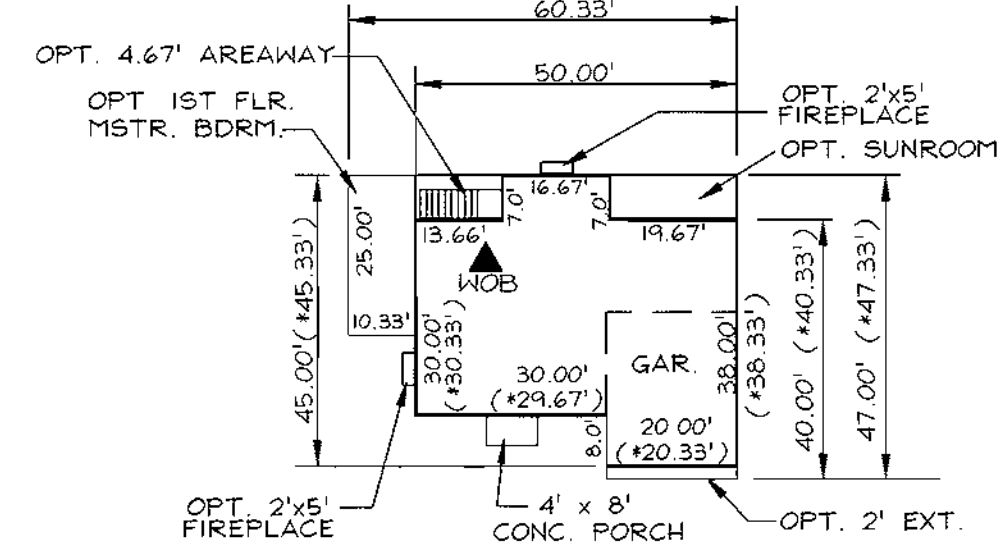
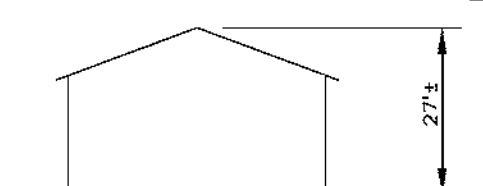
**JAMES MONROE**

SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.



**BEN FRANKLIN**

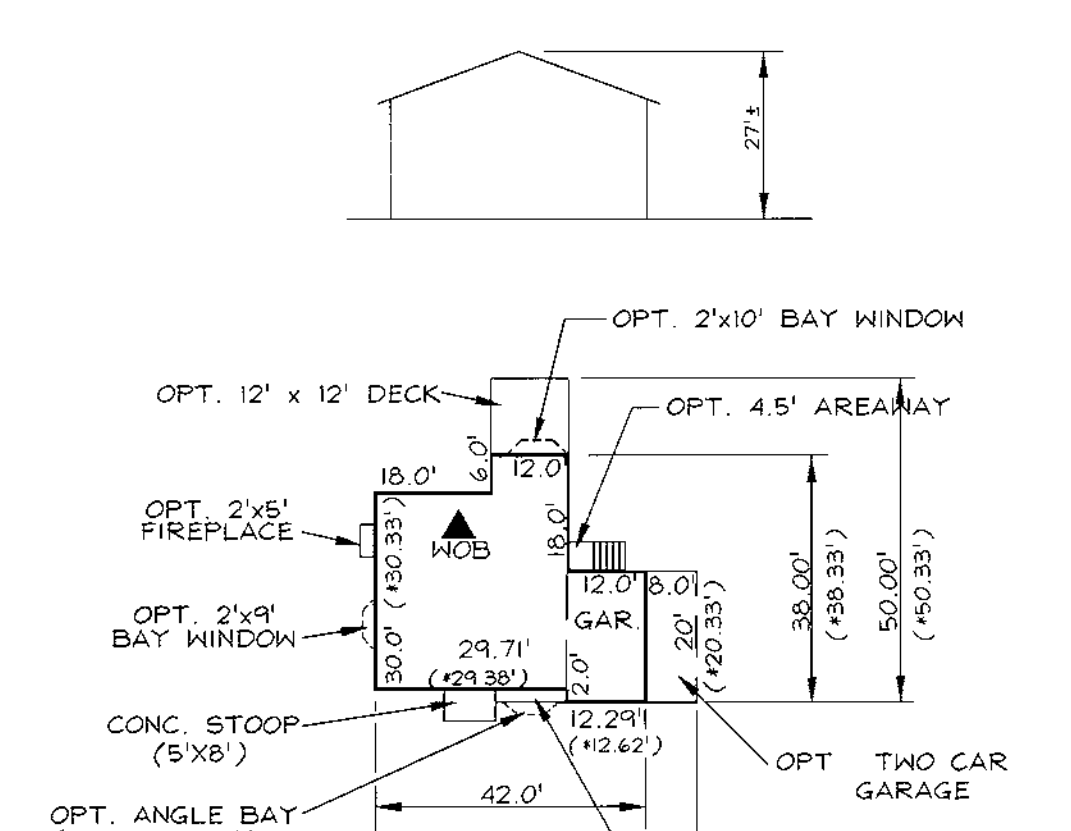
(UPHILL)  
SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.



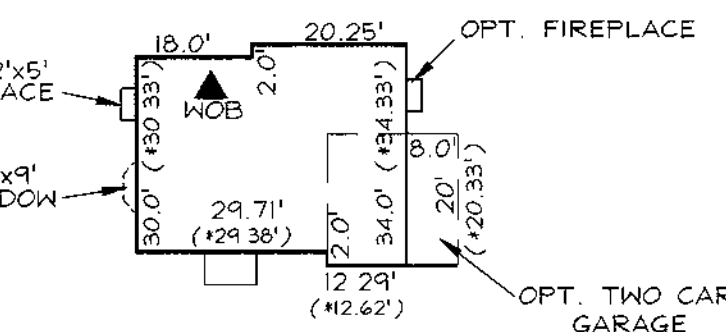
ELEVATION # 1, 1A & 2  
(\* W/ BRICK)

**VICTORY**

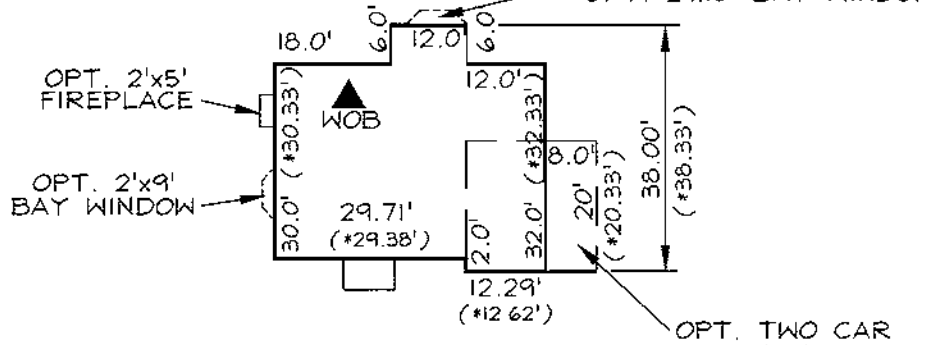
SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.



STD. FLOOR PLAN  
(\* W/ BRICK)



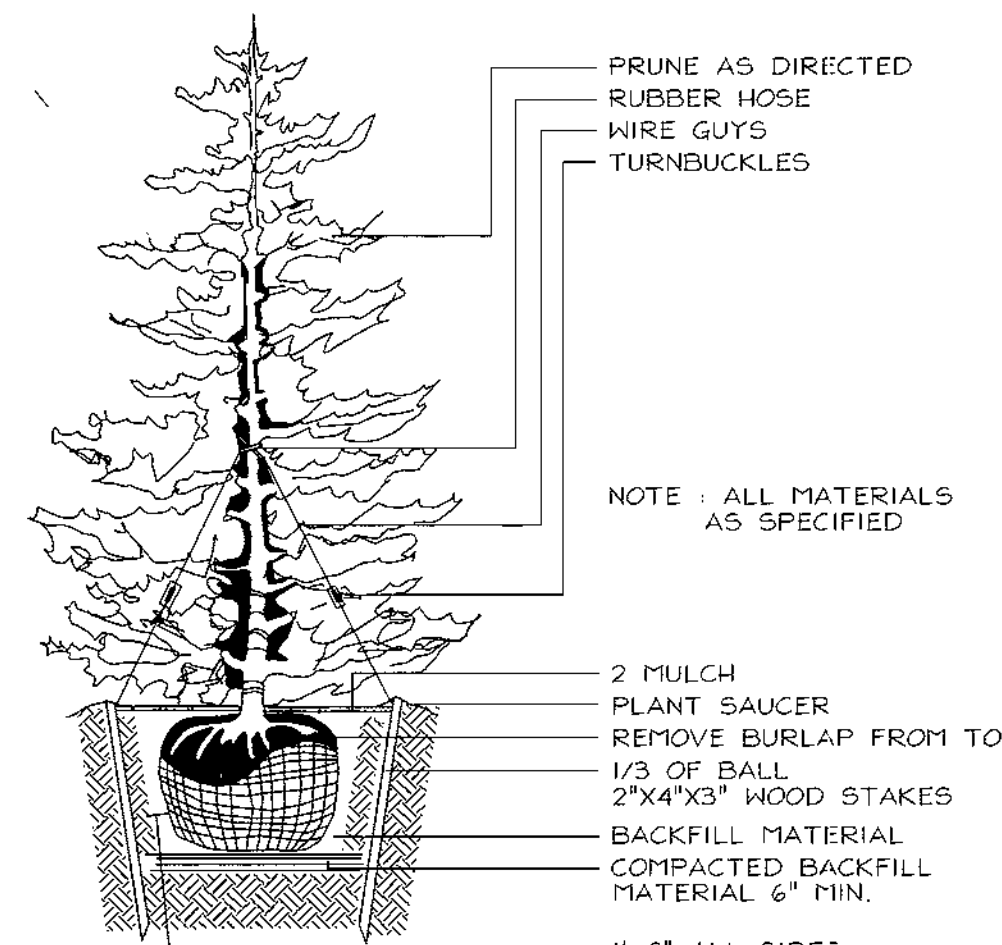
ALT. FLOOR PLAN NO. 1  
(\* W/ BRICK)



ALT. FLOOR PLAN NO. 2  
(\* W/ BRICK)

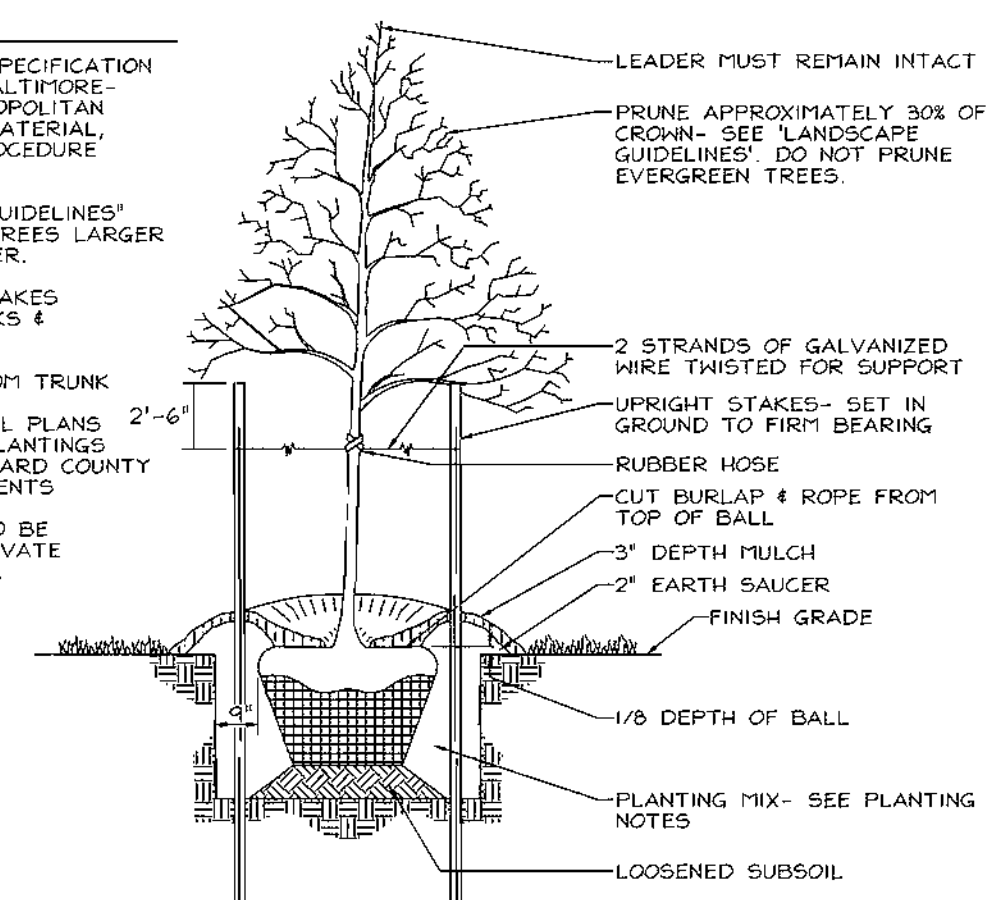
**JOHN ADAMS**

SCALE: 1" = 30'  
SIDING STD./BRICK FRONT OPT.  
ELEV. # 1-4



**NOTES**

- SEE 'LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS' FOR ALL MATERIAL PRODUCT, AND PROCEDURE SPECIFICATIONS
- SEE 'LANDSCAPE GUIDELINES' FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.
- PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS
- KEEP MULCH 1" FROM TRUNK
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS
- TREES ARE NOT TO BE PLANTED OVER PRIVATE SEWAGE EASEMENT.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Development Engineering Division  
 Chief, Division of Planning and Development  
 Director

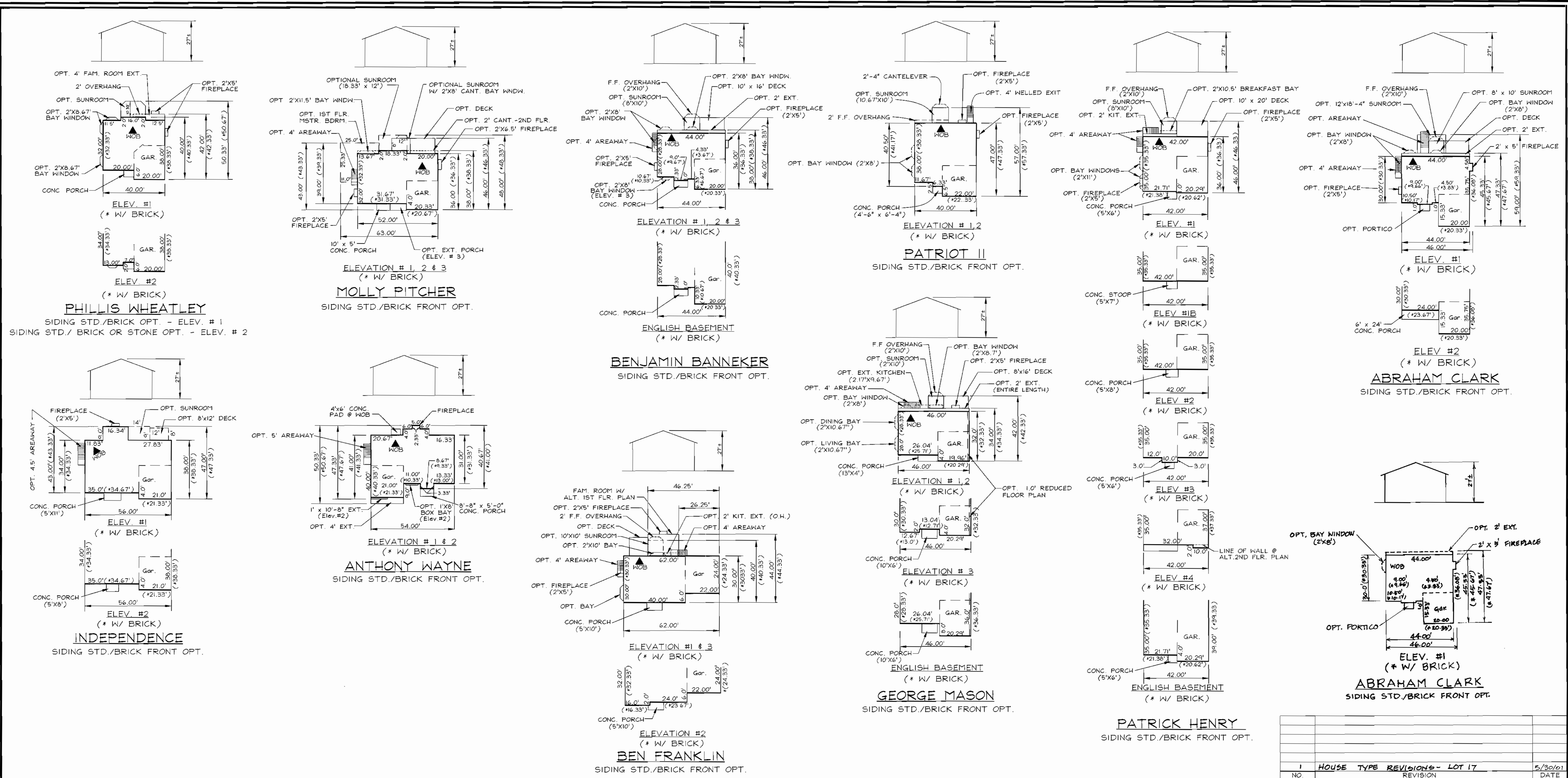
OWNER/DEVELOPER  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

NO.	REVISION	DATE
1	HOUSE TYPE REVISION - LOT 17	5/30/01
	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL NO. 1 # 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS SURVEYORS PLANNERS  
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH  
 DRAWN BY: GAH  
 CHECKED BY: RHY  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Mr. Dominus* 11/7/01  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Cindy Hamilton* 11/25/01  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*Paul Butts* 11/26/01  
 DIRECTOR DATE

OWNER/DEVELOPER  
**PATRIOT HOMES**  
 5425 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

1	HOUSE TYPE REVISIONS - LOT 17	5/30/01
NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS-SURVEYORS-PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3966

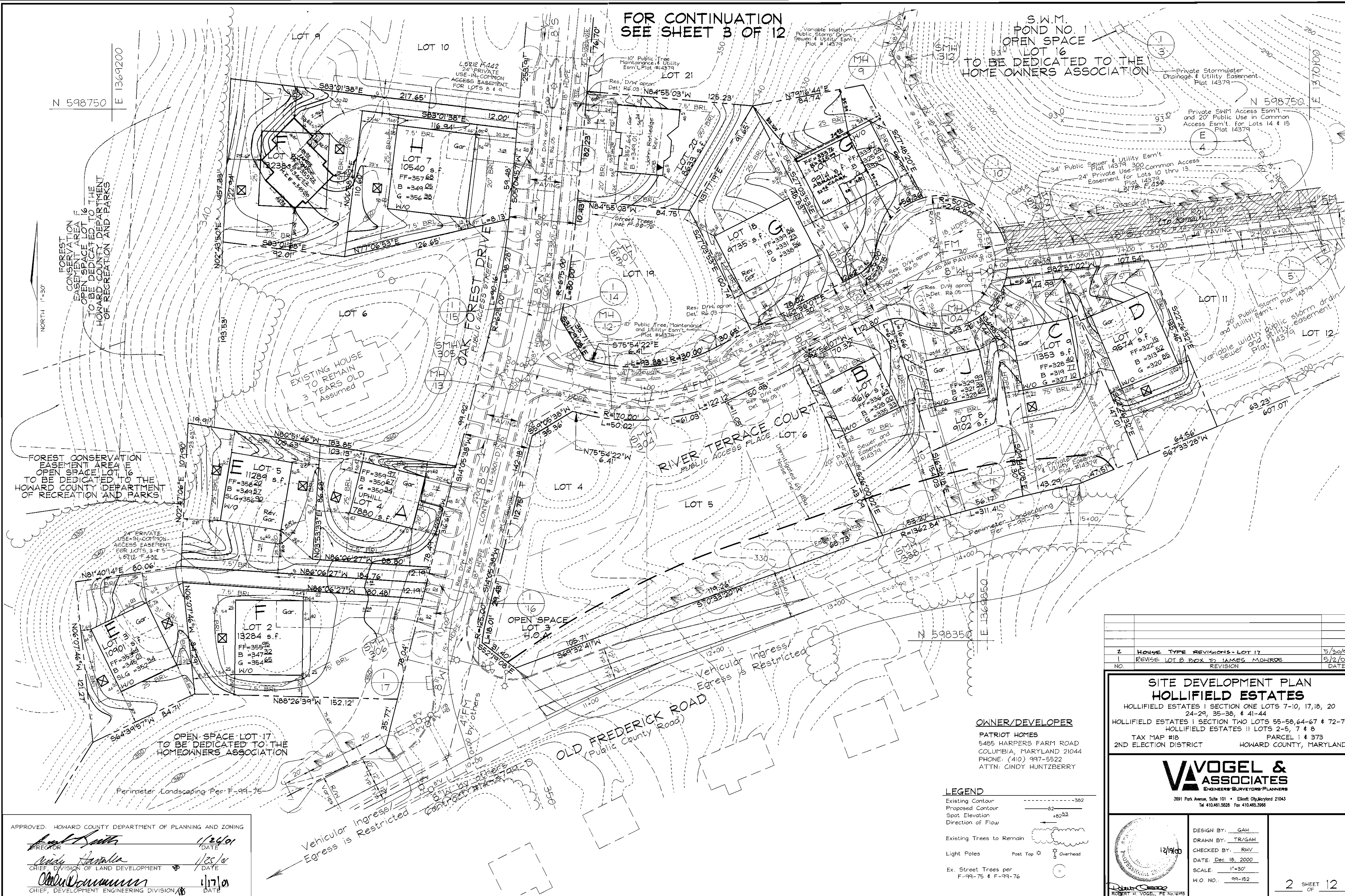
DESIGN BY: GAH  
 DRAWN BY: GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

11 SHEET OF 12



FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Paul Smith* 1/26/01  
DIRECTOR DATE

*Michelle Hamlin* 1/25/01  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*Robert H. Vogel* 1/27/01  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

NO.	REVISION	DATE
1	HOUSE TYPE REVISIONS - LOT 17	5/30/01
2	REVISE LOT 8 BOX TO JAMES MONROE	5/2/01

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**

HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38, & 41-44

HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD ESTATES II LOTS 2-5, 7 & 8

TAX MAP #18 PARCEL 1 & 373

2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**OWNER/DEVELOPER**

PATRIOT HOMES  
5495 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS

3991 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

**LEGEND**

Existing Contour --- --382

Proposed Contour --- --32

Spot Elevation +82.53

Direction of Flow →

Existing Trees to Remain

Light Poles Post Top Overhead

Ex. Street Trees per F-99-75 & F-99-76

DESIGN BY: GAH

DRAWN BY: TR/GAH

CHECKED BY: RHV

DATE: Dec 18, 2000

SCALE: 1"=30'

W.O. NO.: 99-152

2 SHEET OF 12

LANDSCAPE SCHEDULE				
KEY	QUAN.	BOTANICAL NAME	SIZE	CAT
AR	2	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B & B
PS	2	Pinus Strobus Eastern White Pine	6'-8' HT.	B & B

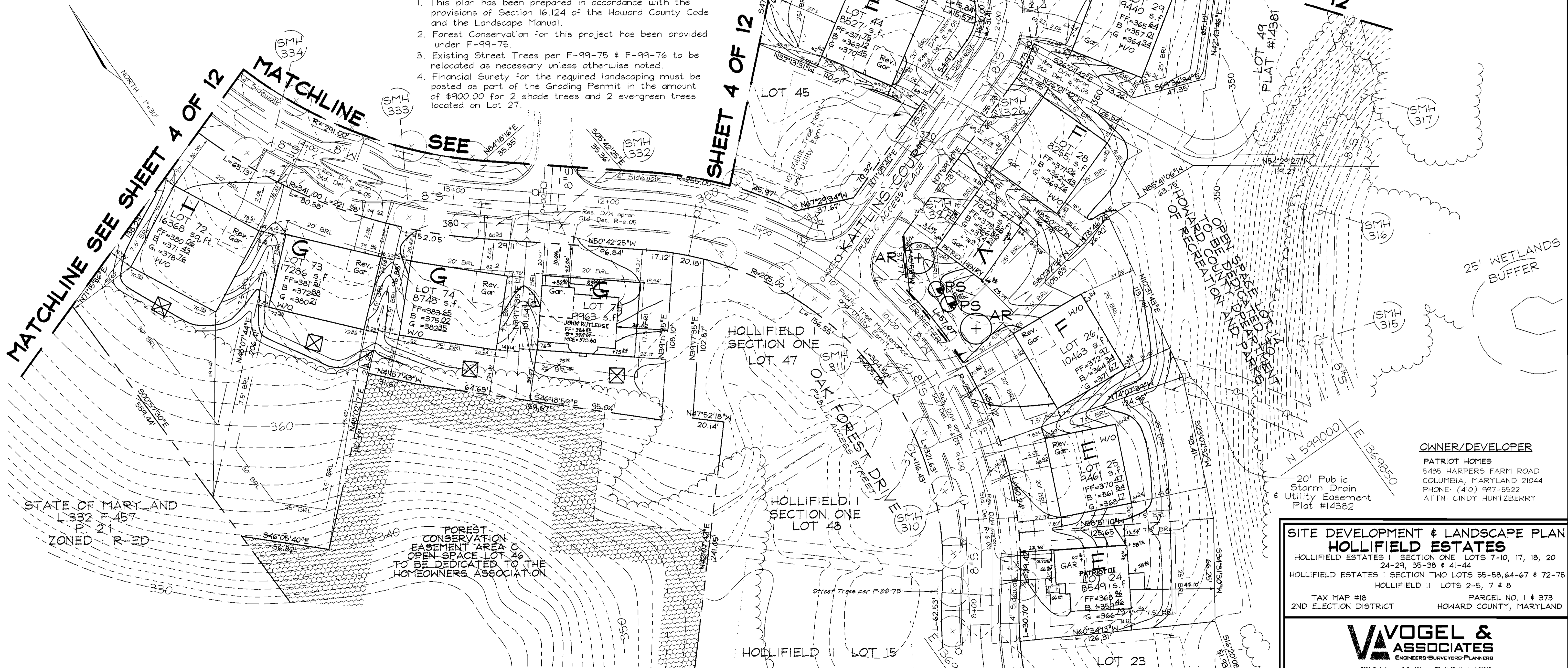
SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJACENT TO ROADWAYS		
Perimeter/Frontage Designation	I	-	-
Landscape Type	B	-	-
Linear Feet of Roadway Frontage/Perimeter	95	-	-
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs	-	-	-
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution)	-	-	-
Shrubs (10:1 Substitution)	-	-	-
Describe Plant Substitution Credits Below if needed)	-	-	-

**GENERAL NOTES**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
- Forest Conservation for this project has been provided under F-99-75.
- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

**LEGEND**

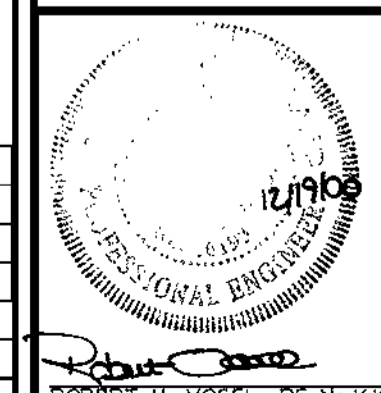
- Existing Contour: ---
- Proposed Contour: - - - -
- Spot Elevation: +82.53
- Direction of Flow: →
- Existing Trees to Remain: [Symbol]
- Light Poles: Post Top [Symbol], Overhead [Symbol]
- Shade Trees: [Symbol] AR
- Evergreen Trees: [Symbol] GP
- Perimeter Landscape Edge: [Symbol]
- Ex. Street Trees per F-99-75 & F-99-76: [Symbol]



**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-8522  
 ATTN: CINDY HUNTZBERRY

**SITE DEVELOPMENT & LANDSCAPE PLAN  
 HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS SURVEYORS PLANNERS  
 3691 Park Avenue, Suite 101 Elliott City, Maryland 21043  
 Tel. 410.461.8828 Fax 410.465.3988



DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHY  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

**FOR CONTINUATION  
 SEE SHEET 2 OF 12**

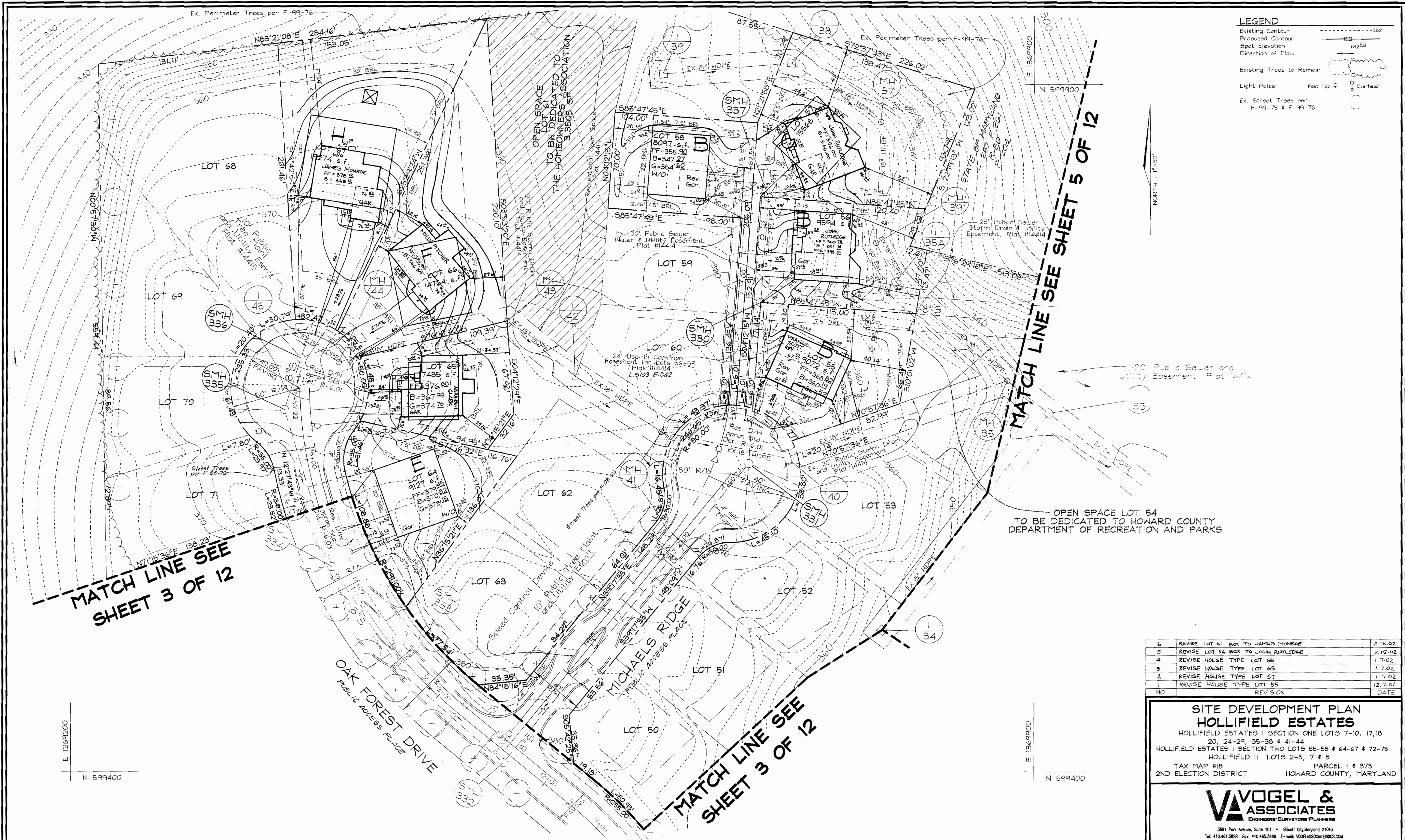
NO.	REVISION	DATE
3	HOUSE TYPE REVISIONS - LOT 27	10/11/01
2	HOUSE TYPE REVISIONS - LOT 24	10/11/01
1	HOUSE TYPE REVISIONS - LOT 75	8/31/01

**DEVELOPER'S BUILDER'S CERTIFICATE**  
 I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Signature of Developer: *John R. White* DATE: 12-18-00

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature of Director: *Frank Kuttler* DATE: 1/24/01  
 Signature of Chief: *Cindy Annville* DATE: 1/25/01  
 Signature of Chief: *Alan Dammann* DATE: 1/17/01



**LEGEND**

Existing Contour

Proposed Contour

Spot Elevation

Direction of Flow

Existing Trees to Remain

Light Poles

Post Top

Overhead

Ex. Street Trees per F-99-75 & F-99-76

MATCH LINE SEE SHEET 3 OF 12

MATCH LINE SEE SHEET 5 OF 12

OPEN SPACE LOT 54 TO BE DEDICATED TO HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

6	REVISE LOT 61 BOX TO JAMES MONROE	2.15.02
5	REVISE LOT 54 BOX TO JOHN RUTLEDGE	2.15.02
4	REVISE HOUSE TYPE LOT 66	1.7.02
3	REVISE HOUSE TYPE LOT 65	1.7.02
2	REVISE HOUSE TYPE LOT 57	1.7.02
1	REVISE HOUSE TYPE LOT 55	12.7.01
NO	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17,18  
 20, 24-29, 35-38 & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58 & 64-67 & 72-75  
 HOLLIFIELD II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL I & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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 ENGINEERS-SURVEYORS-PLANNERS  
 3991 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel: 410.461.8828 Fax: 410.465.3886 E-mail: VOGELASSOCIATES@CS.COM

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 1/26/01  
 DIRECTOR DATE

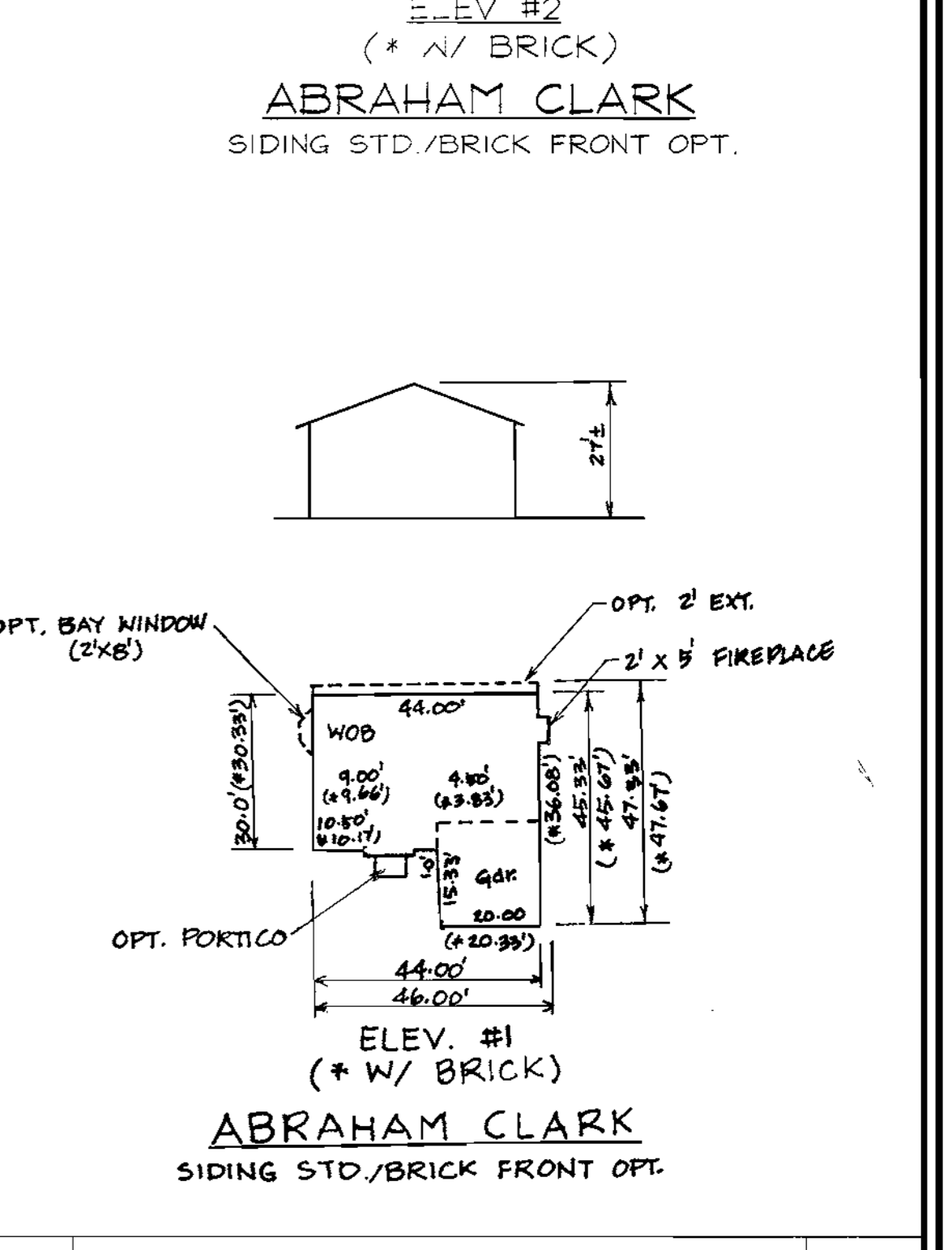
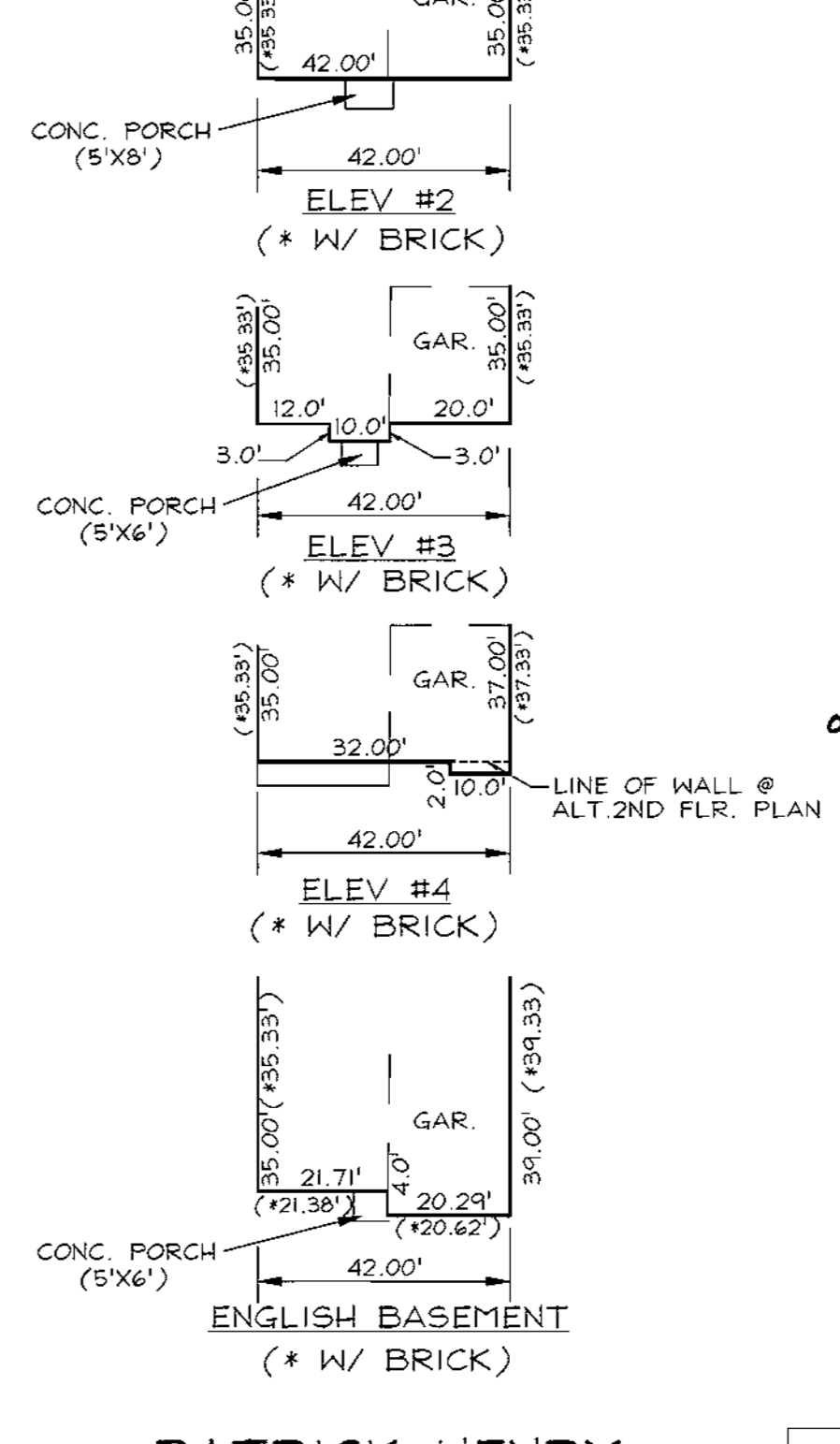
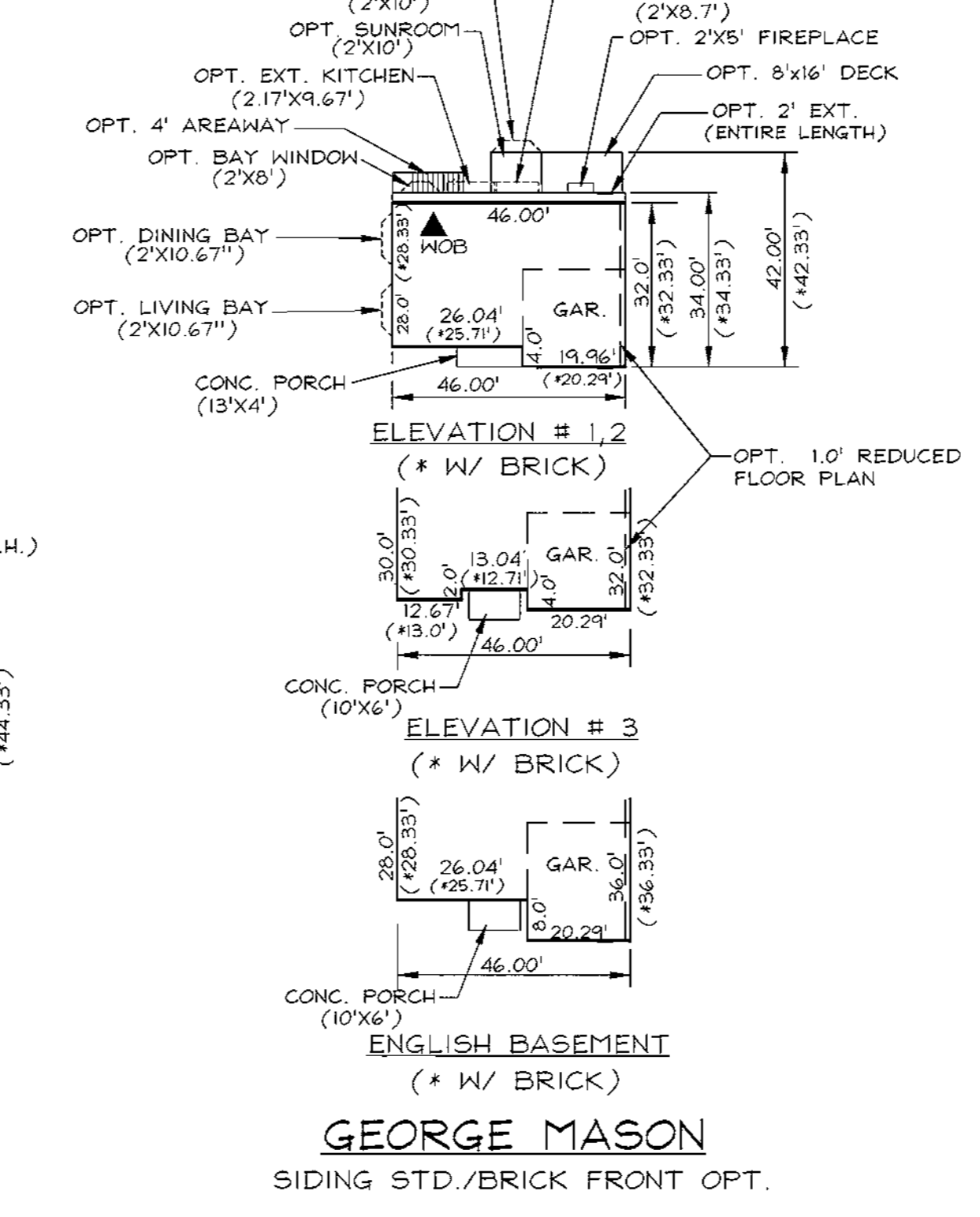
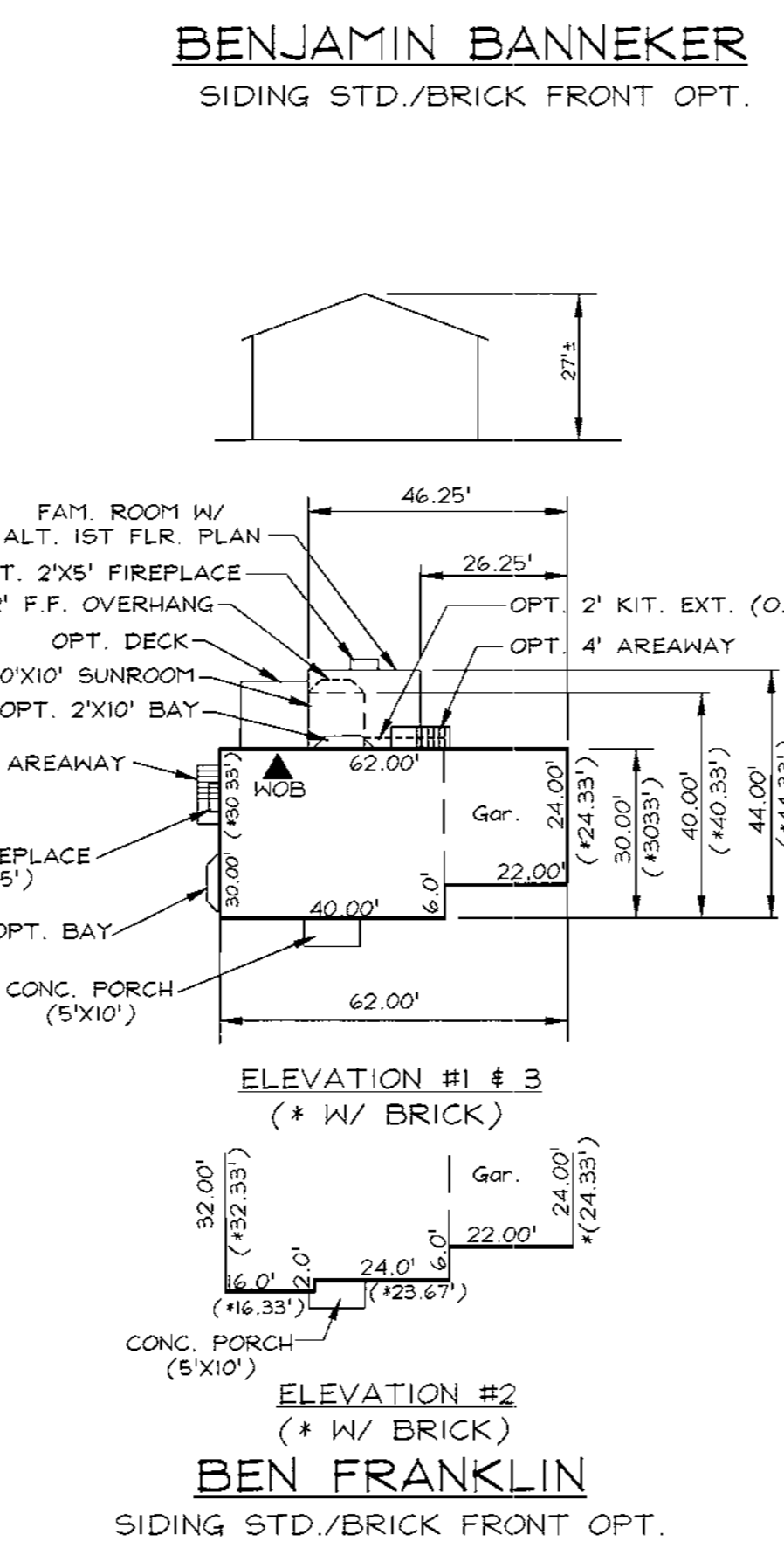
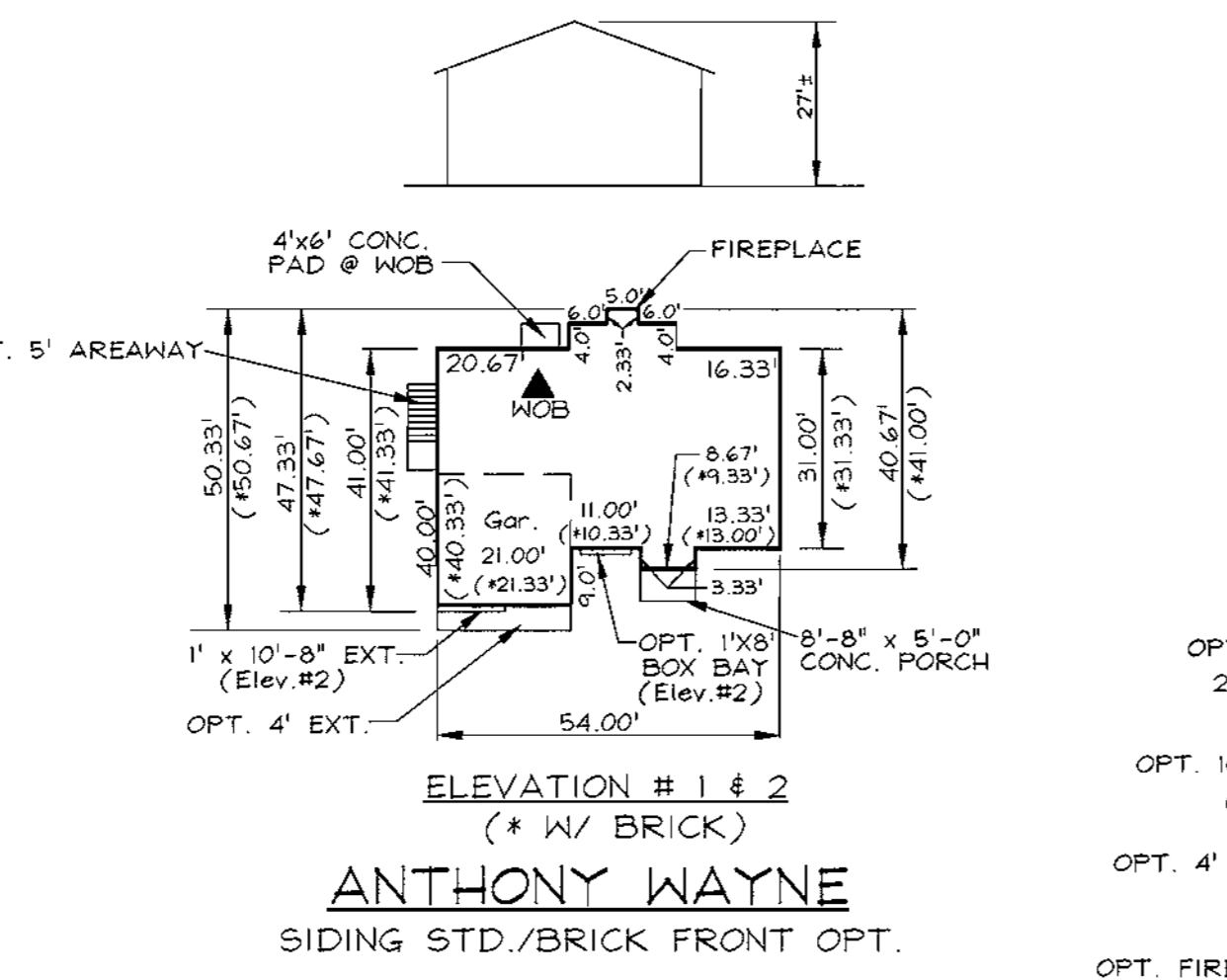
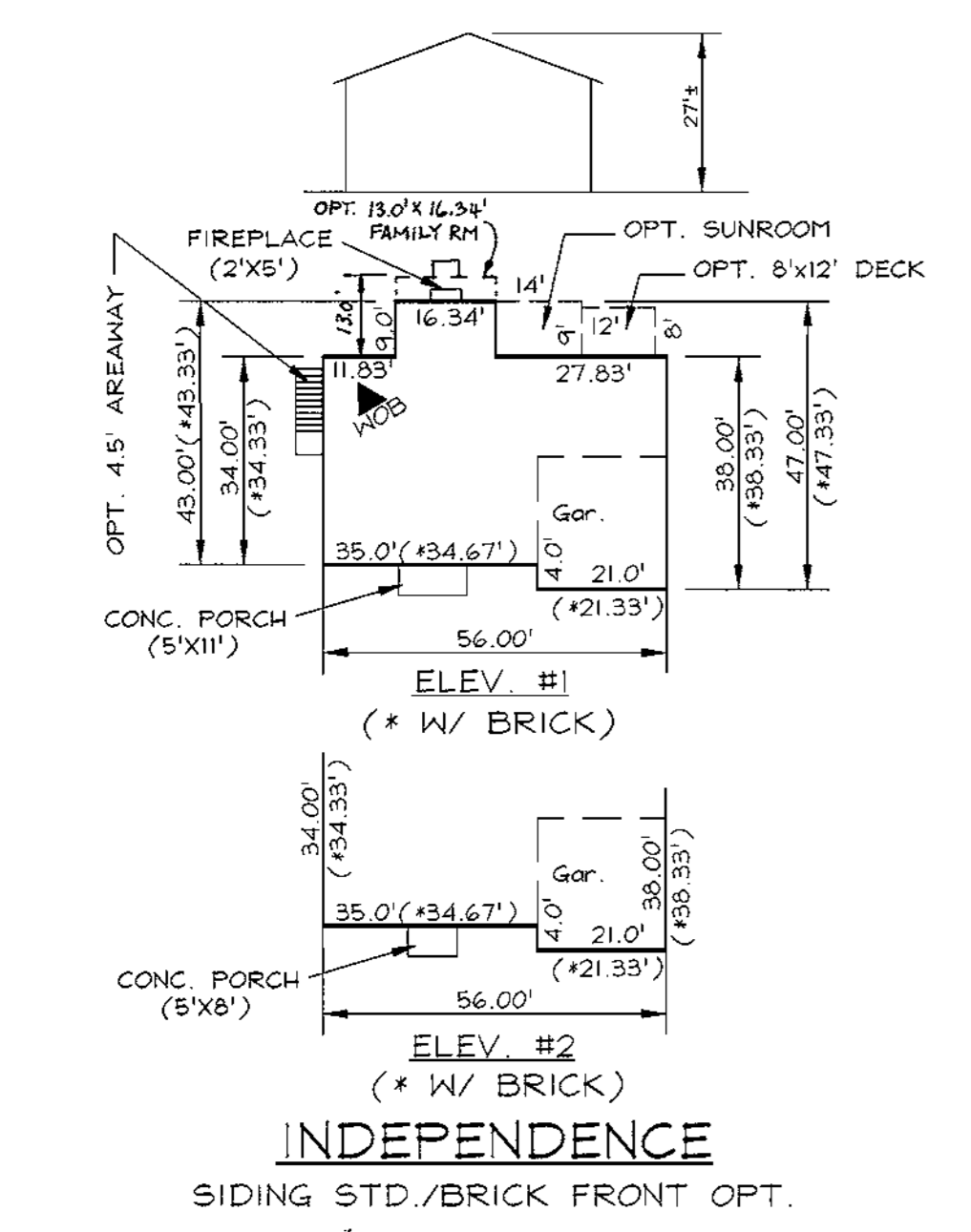
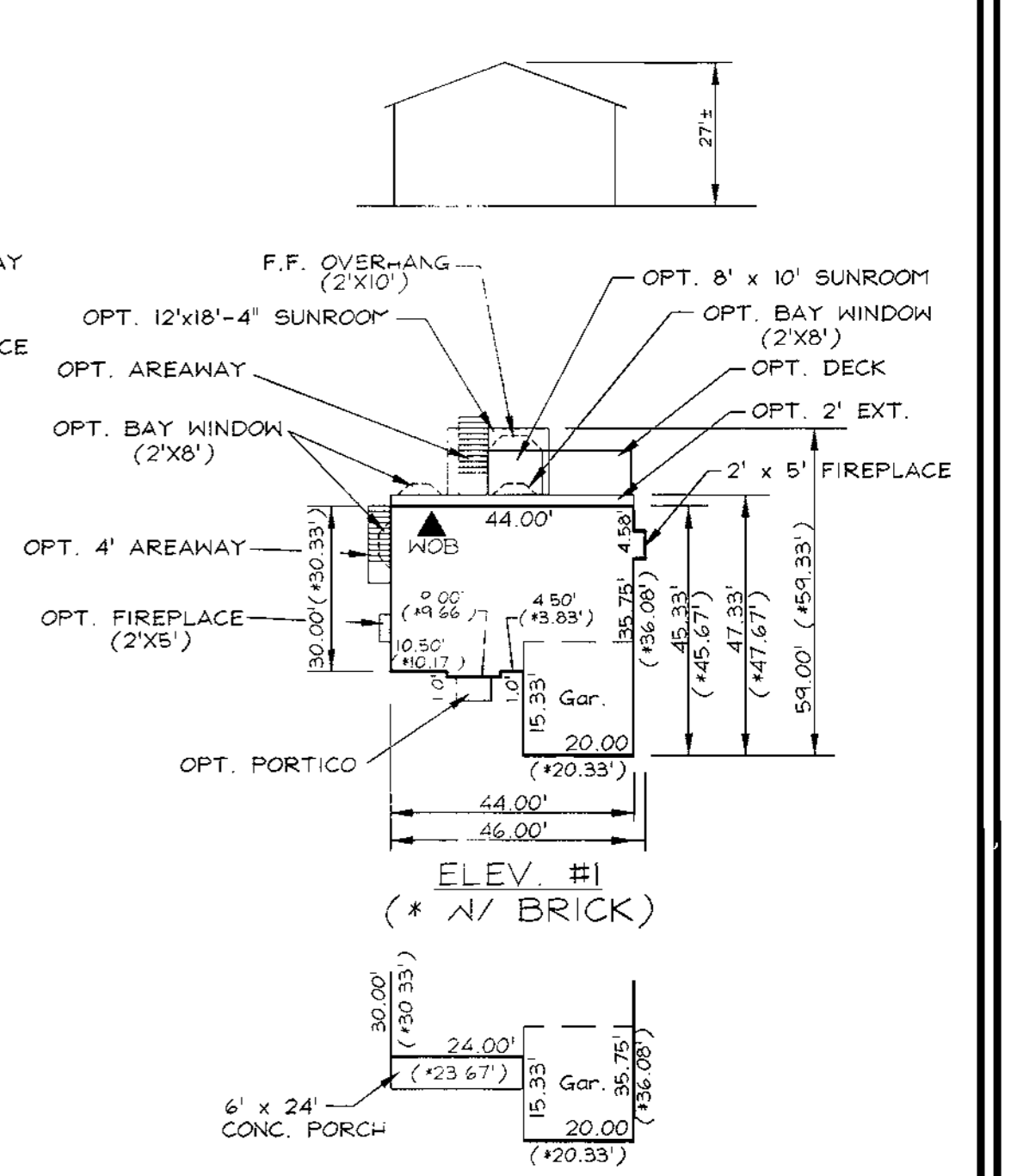
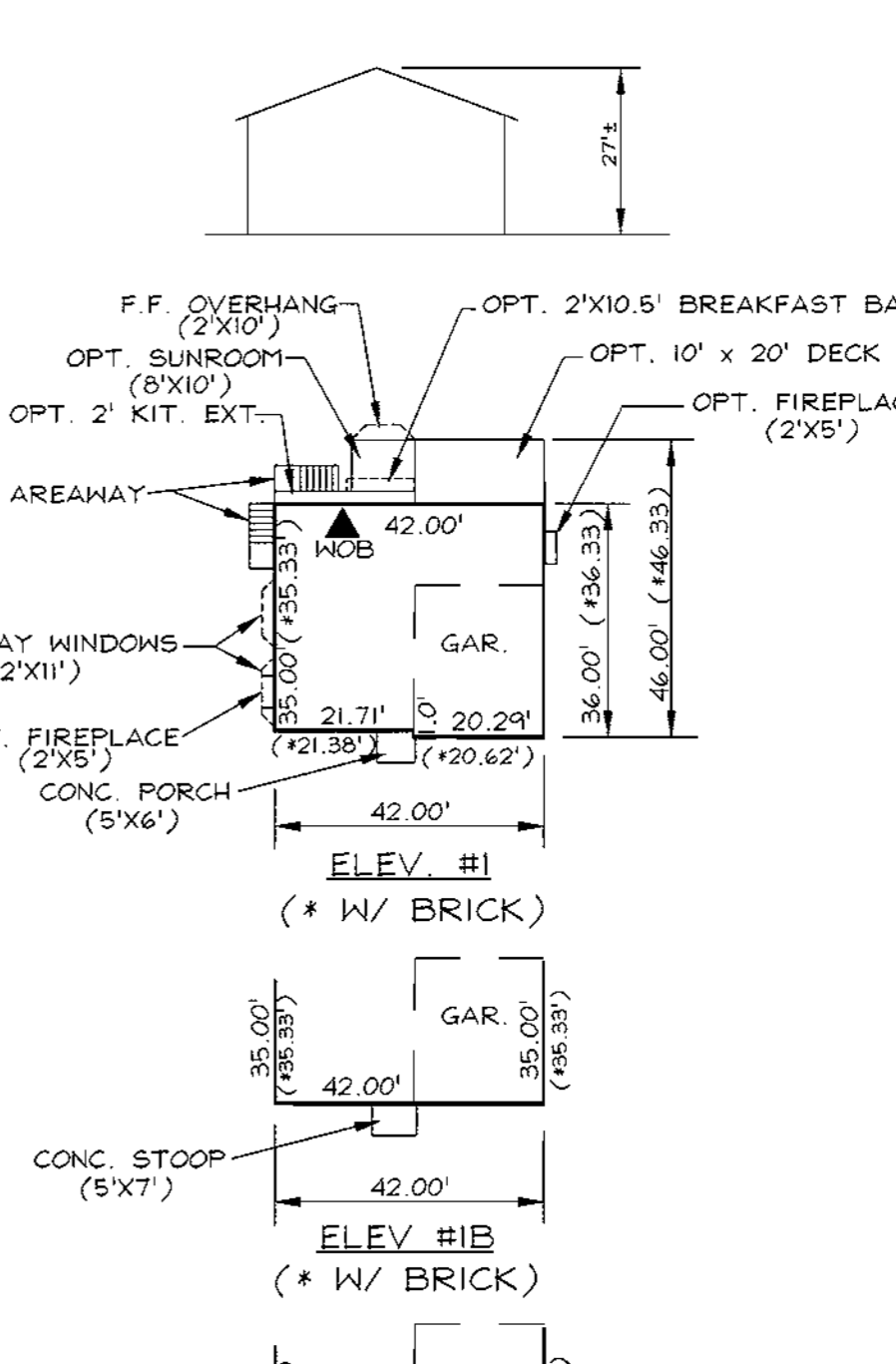
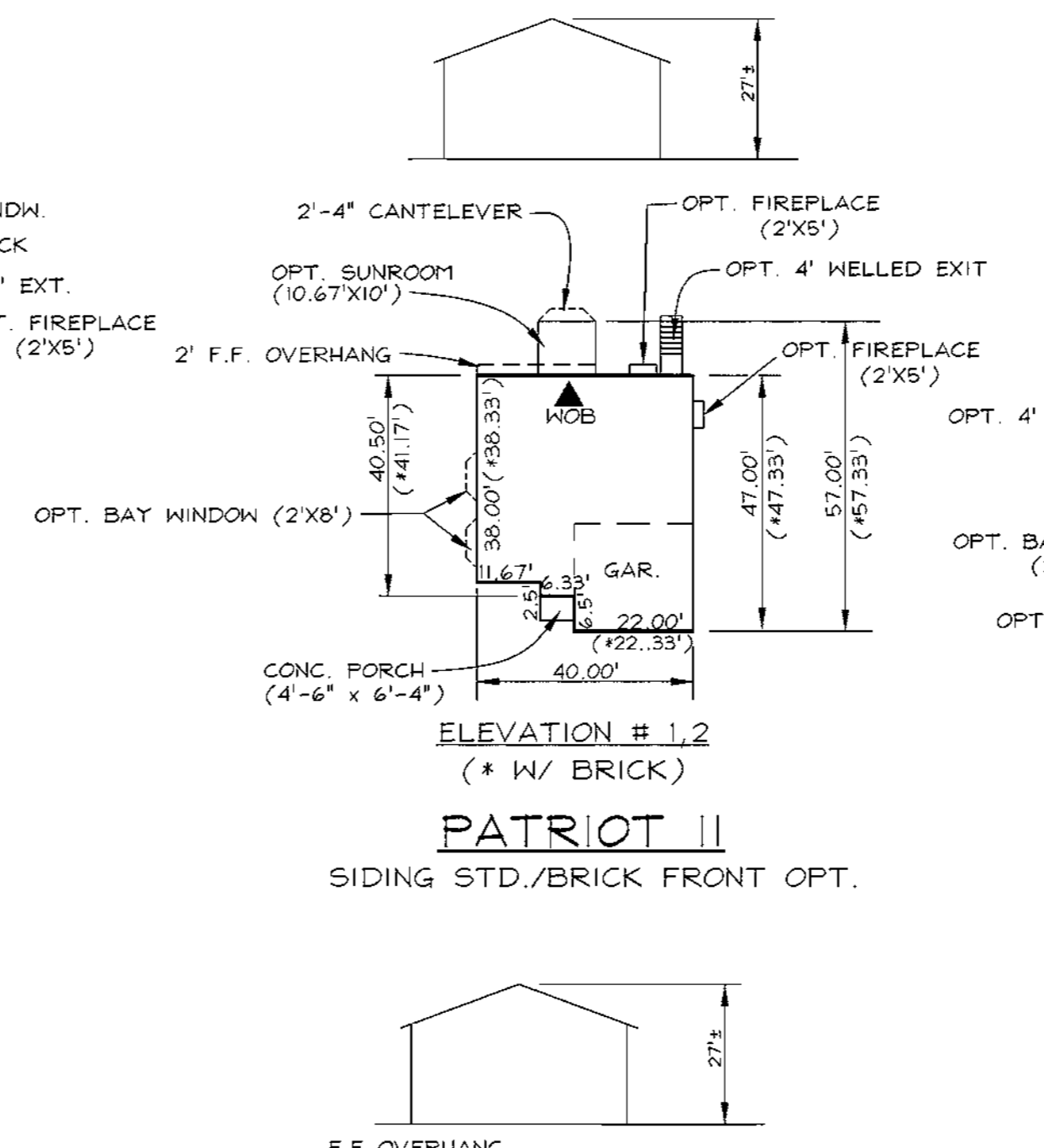
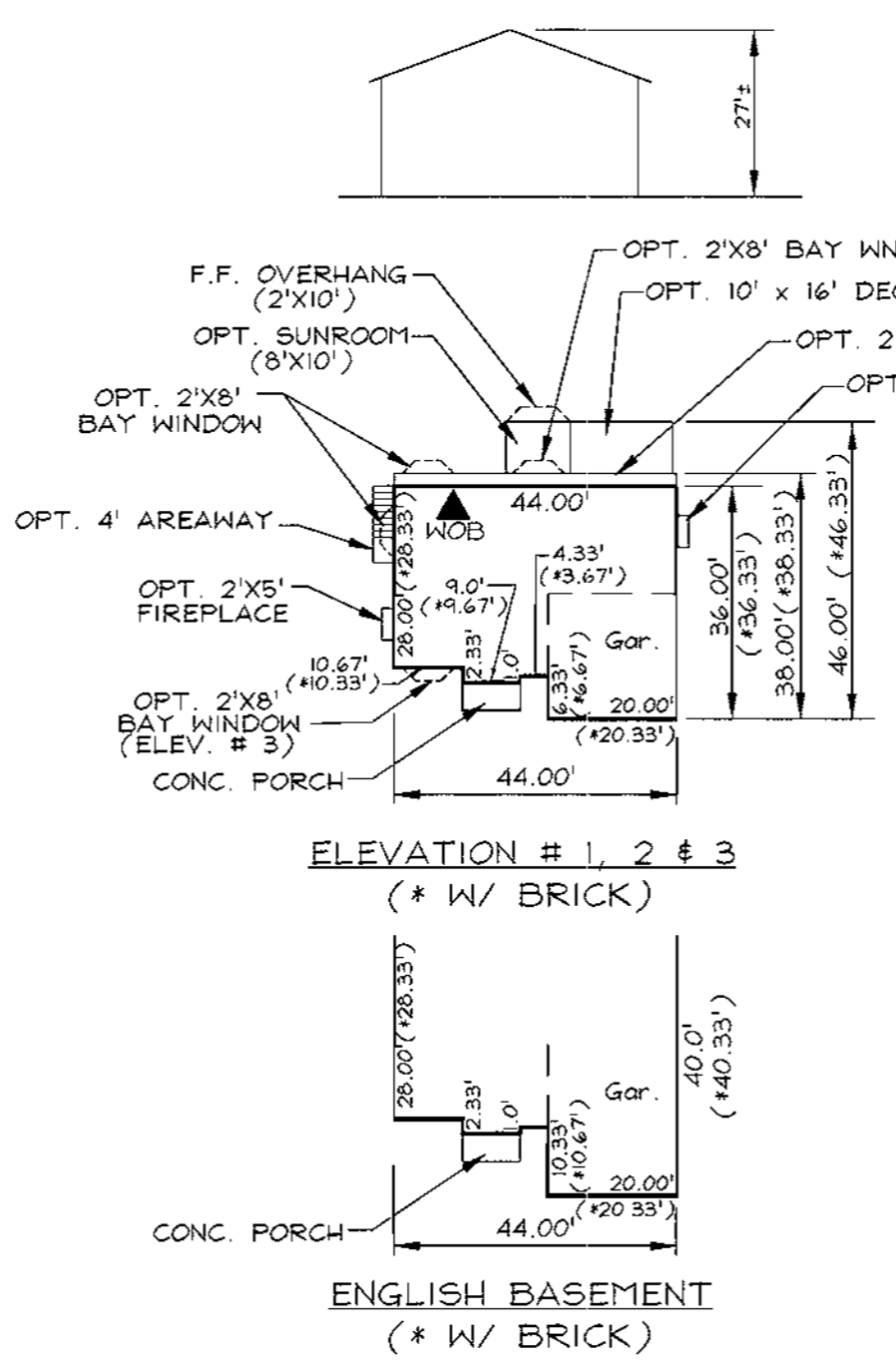
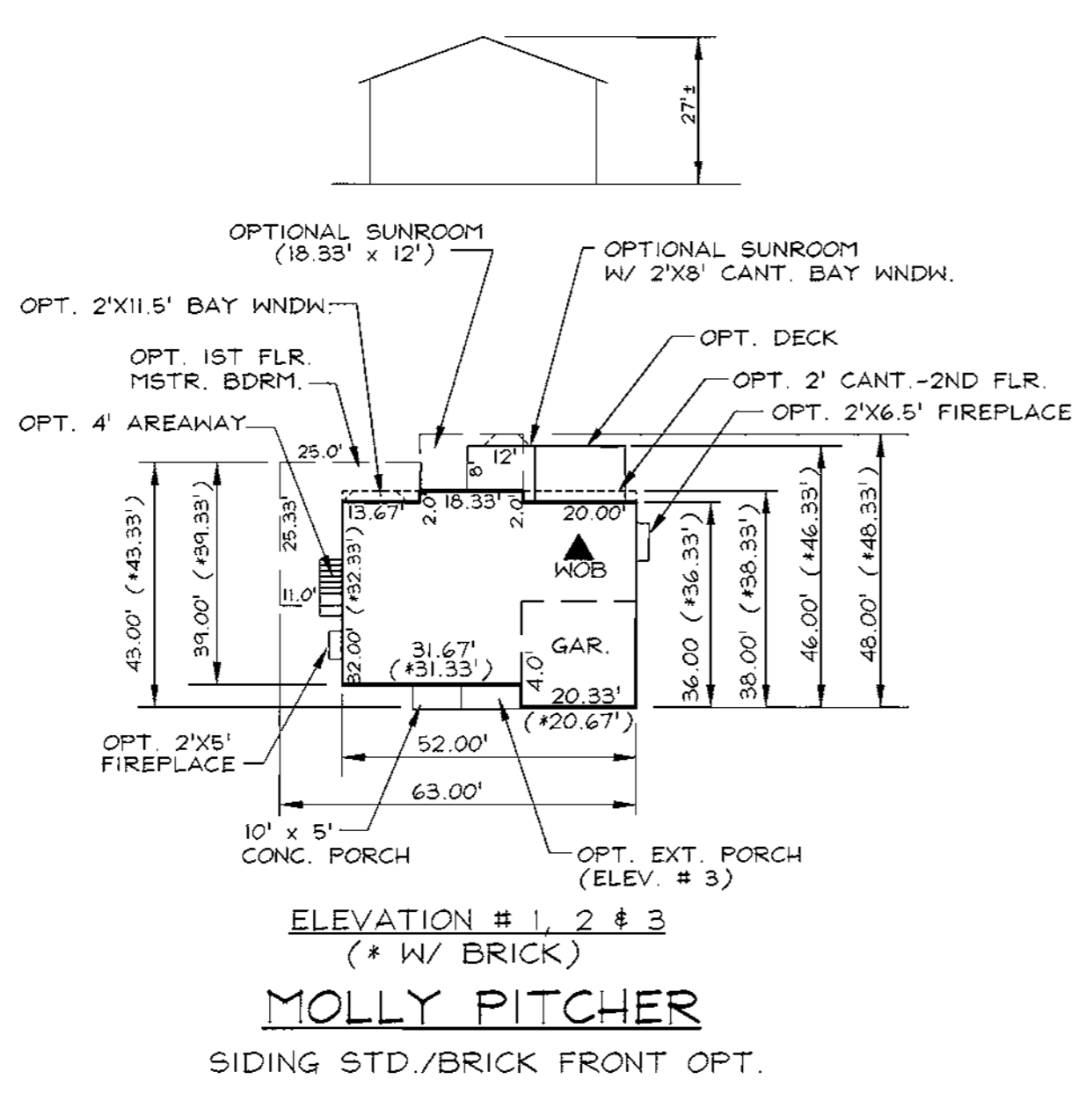
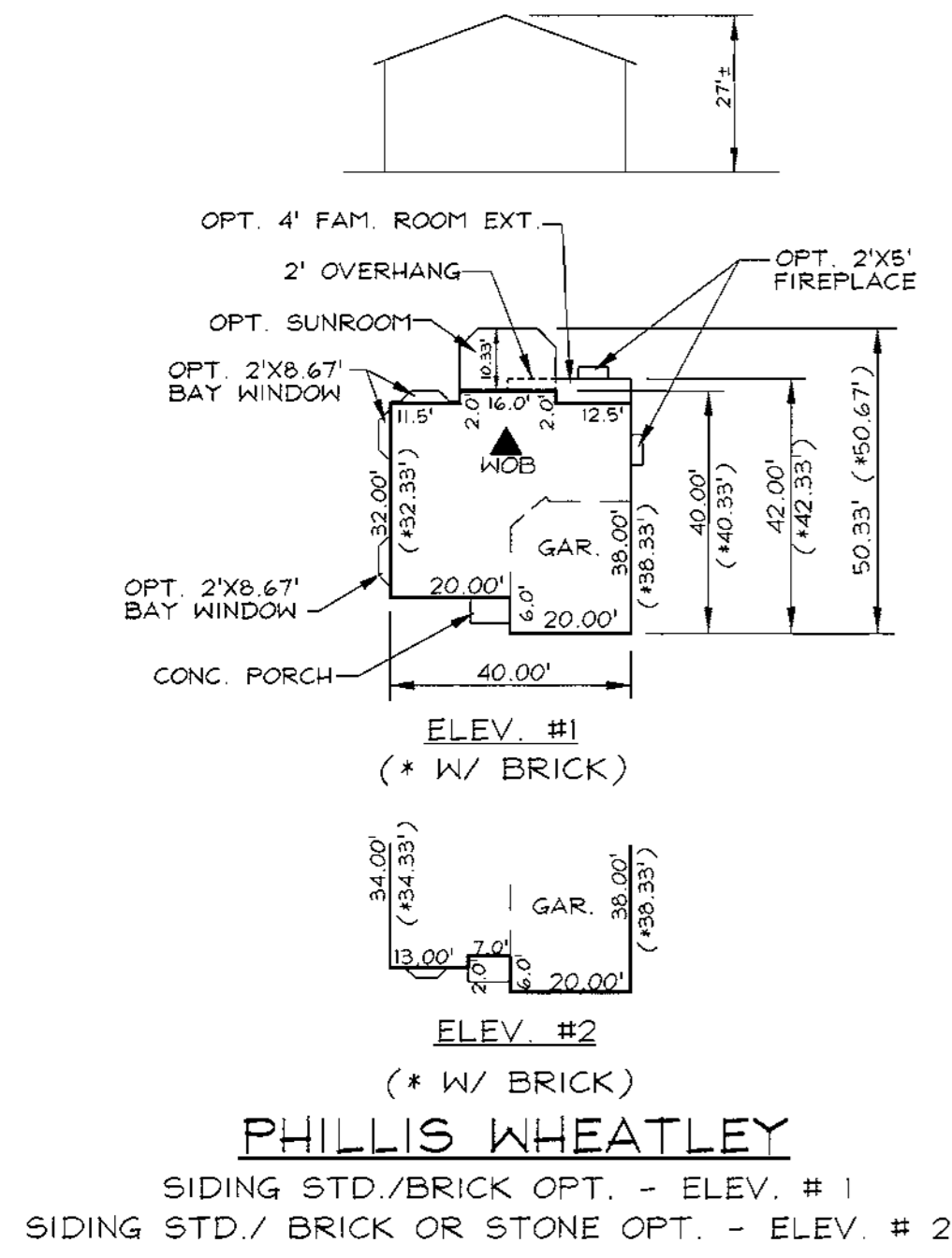
*[Signature]* 1/25/01  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*[Signature]* 1/17/01  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPER'S FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

4 SHEET OF 12



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 11/17/01  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*[Signature]* 11/25/01  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

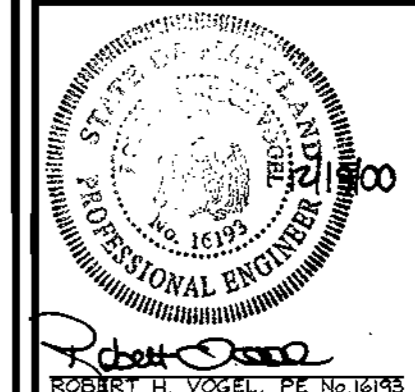
*[Signature]* 11/26/01  
DIRECTOR DATE

**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

2	ADD FAMILY ROOM EXT. TO INDEPENDENCE	11/21/01
1	HOUSE TYPE REVISIONS- LOT 17	5/30/01
NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
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2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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Tel 410.461.5828 Fax 410.465.3986



DESIGN BY: GAH  
DRAWN BY: GAH  
CHECKED BY: RHV  
DATE: Dec 18, 2000  
SCALE: 1"=30'  
P.L.O. NO.: 99-152

11 SHEET OF 12

**LEGEND**

Existing Contour	-----	-382
Proposed Contour	-----	+82
Spot Elevation	+	+82.53
Direction of Flow	→	
Existing Trees to Remain		
Light Poles	Post Top	Overhead
Ex. Street Trees per F-99-75 & F-99-76		

MATCHLINE SEE SHEET 4 OF 12

MATCHLINE SEE SHEET 3 OF 12

**TRASH PAD LANDSCAPE**

Quan.	Type	Remarks
6	Juniperus chinensis 'Pfitzeriana' (J)	30" ht.
	Compacta / Compact Pfitzer Juniper	

- See sheet 10 for Planting Details  
 - Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$180,000 for 6 shrubs located around the trash pad.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Joseph H. ...* 11/26/01  
 DIRECTOR DATE

*Cinda ...* 1/25/01  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*David ...* 1/15/01  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

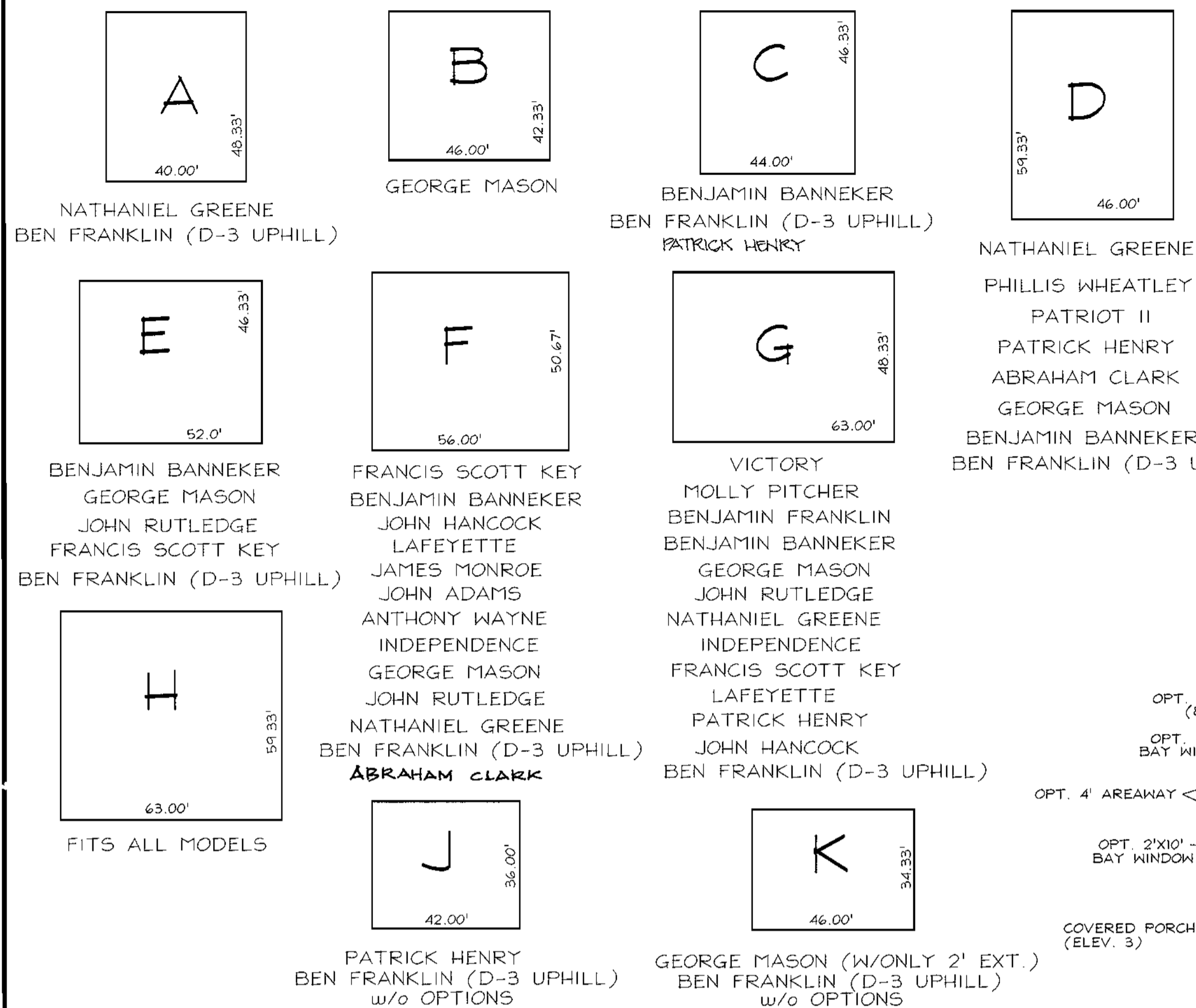
**OWNER/DEVELOPER**  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

NO.	REVISION	DATE
3	REVISE LOT 50 BOX TO BENJAMIN BANNEKER	2.15.02
2	REVISE LOT 41 BOX TO FRANCIS SCOTT KEY	2.15.02
1	REVISE HOUSE TYPE LOT 42	11/29/01

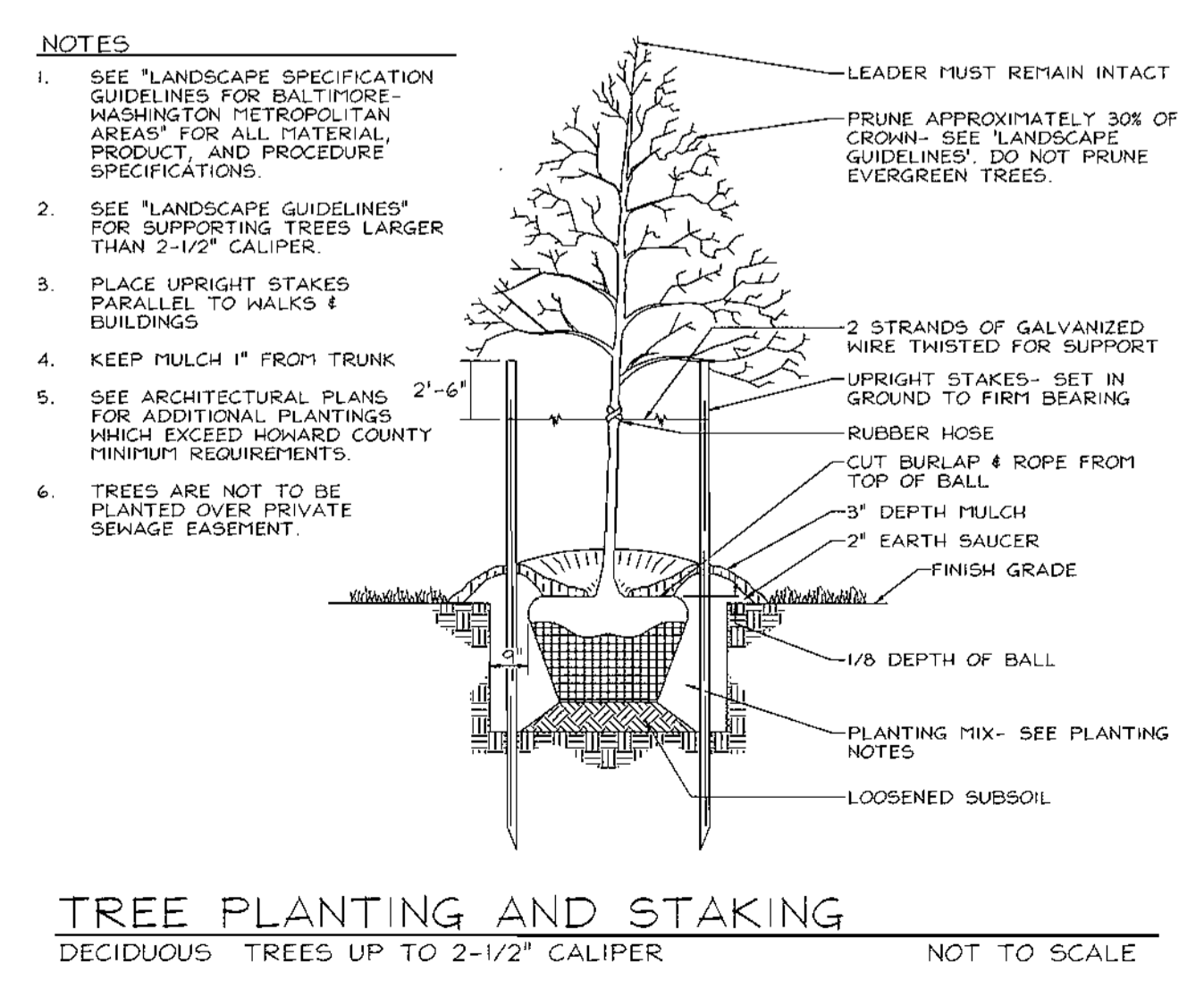
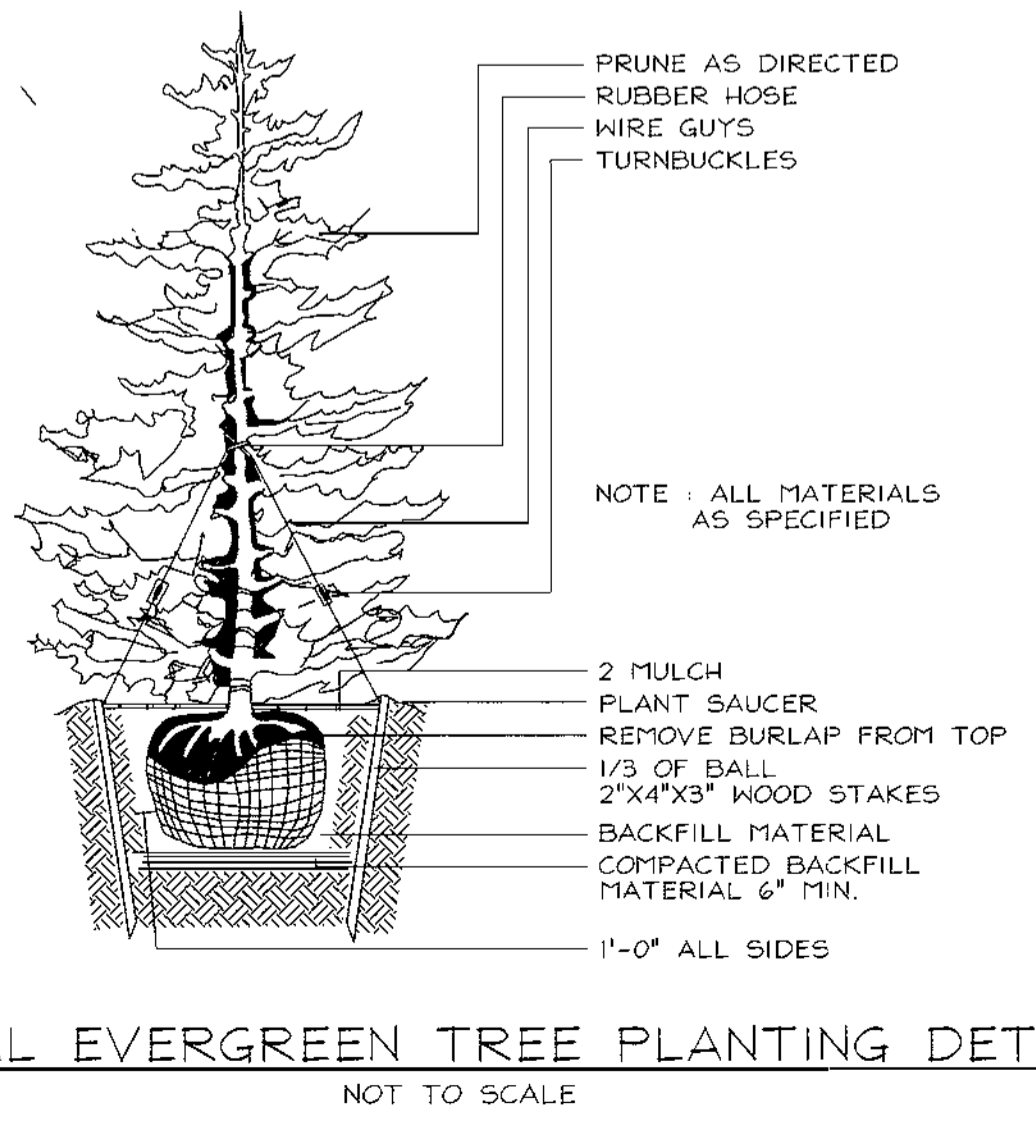
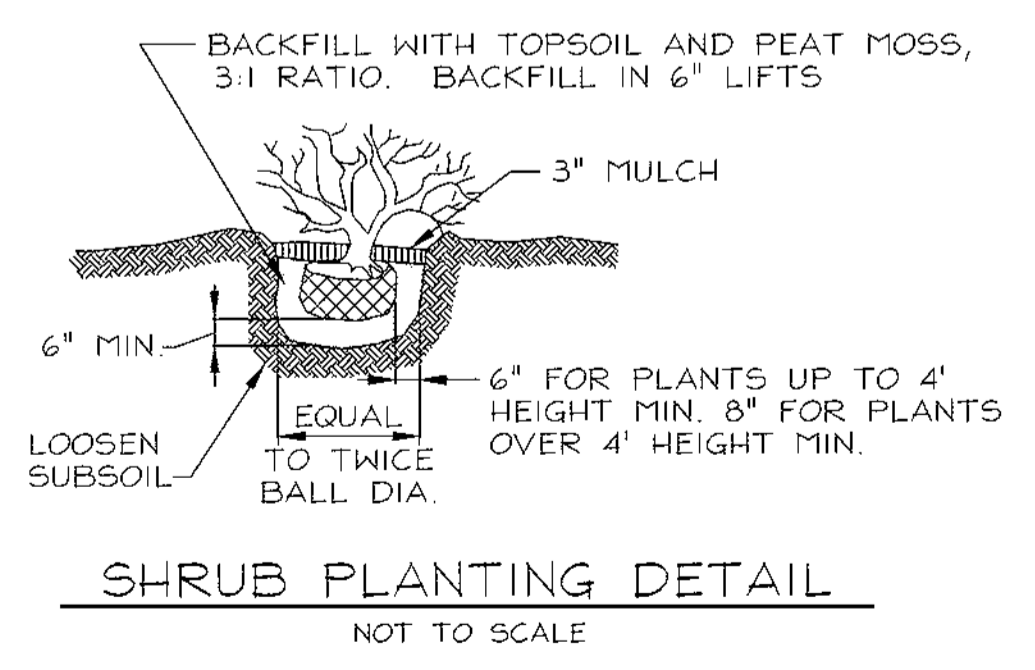
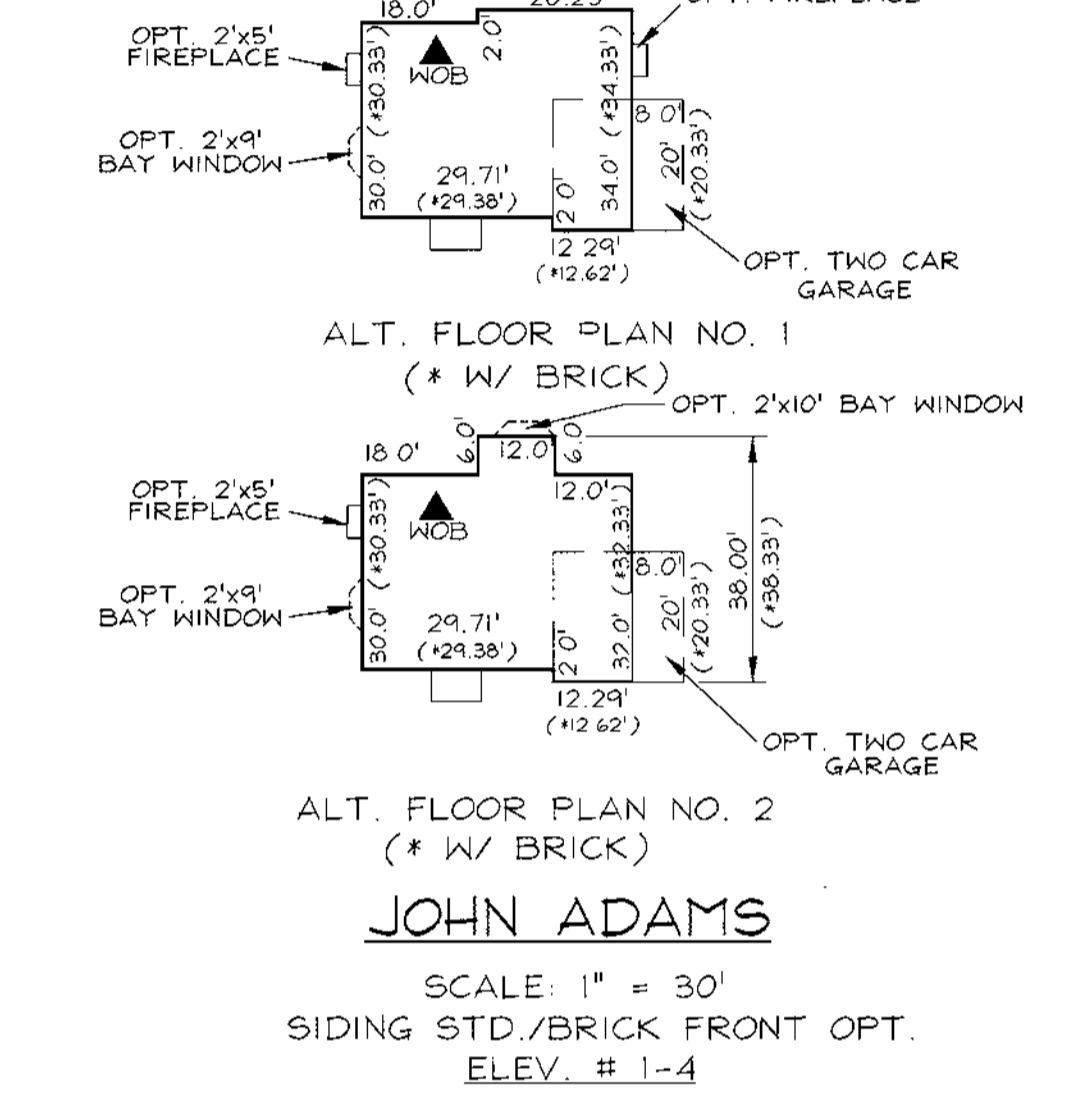
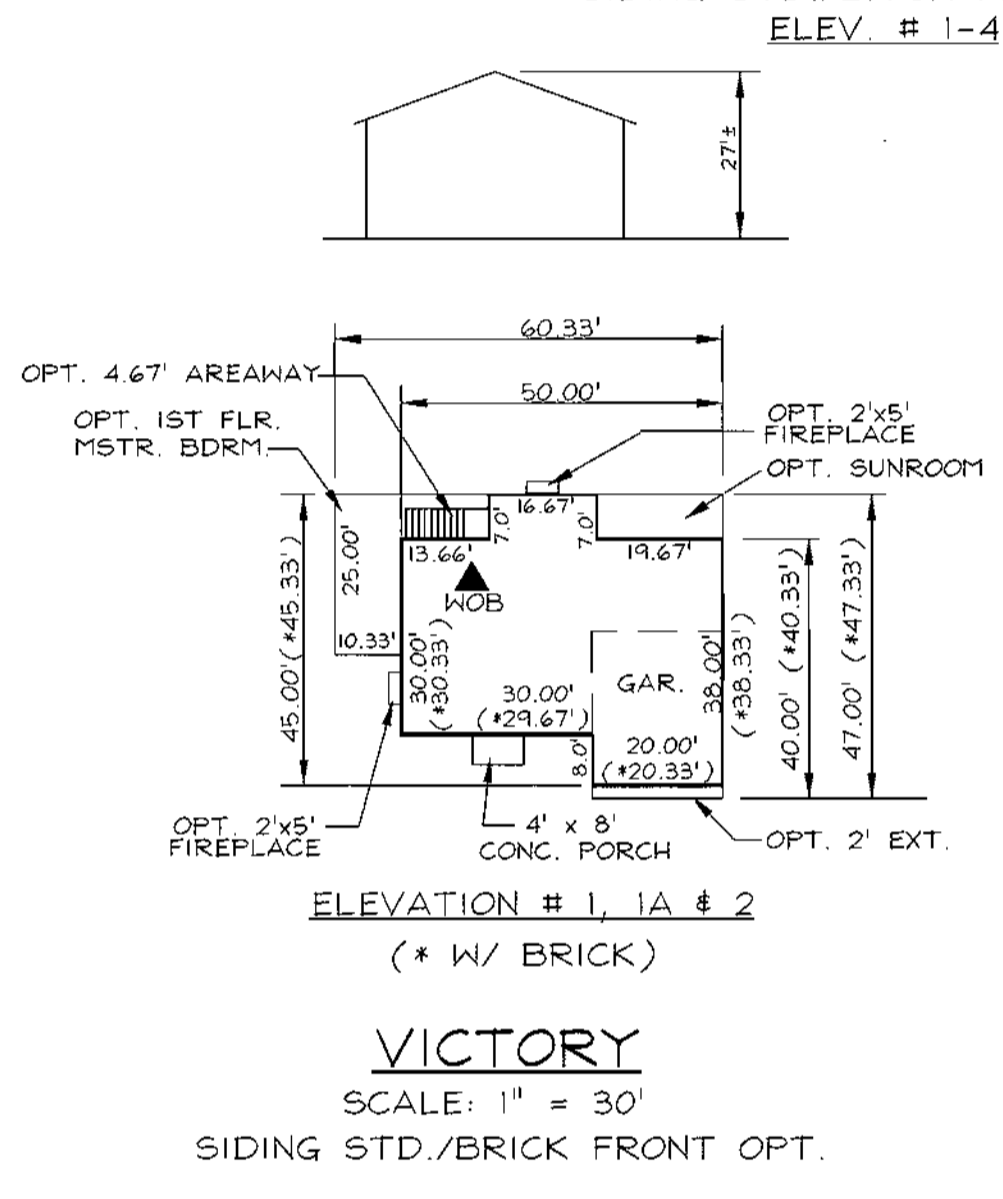
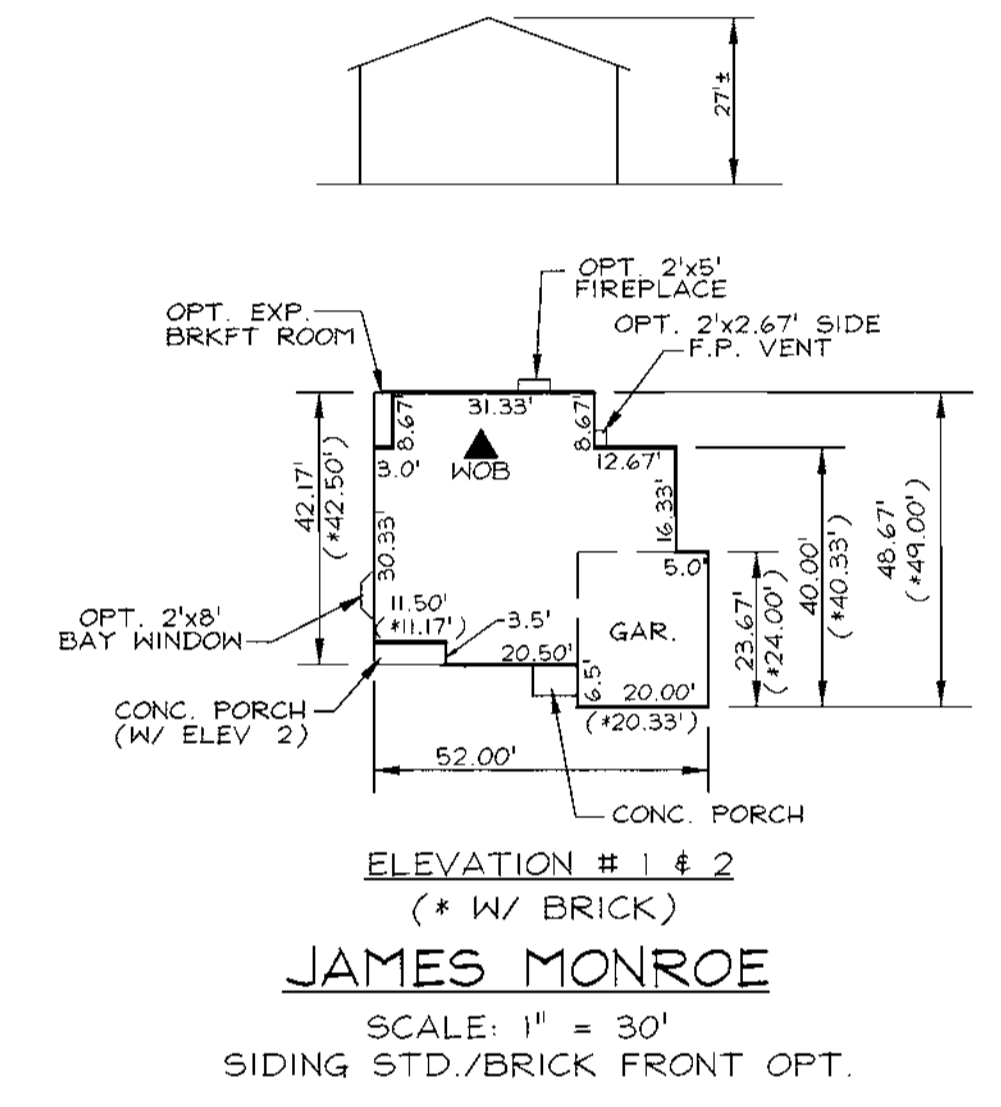
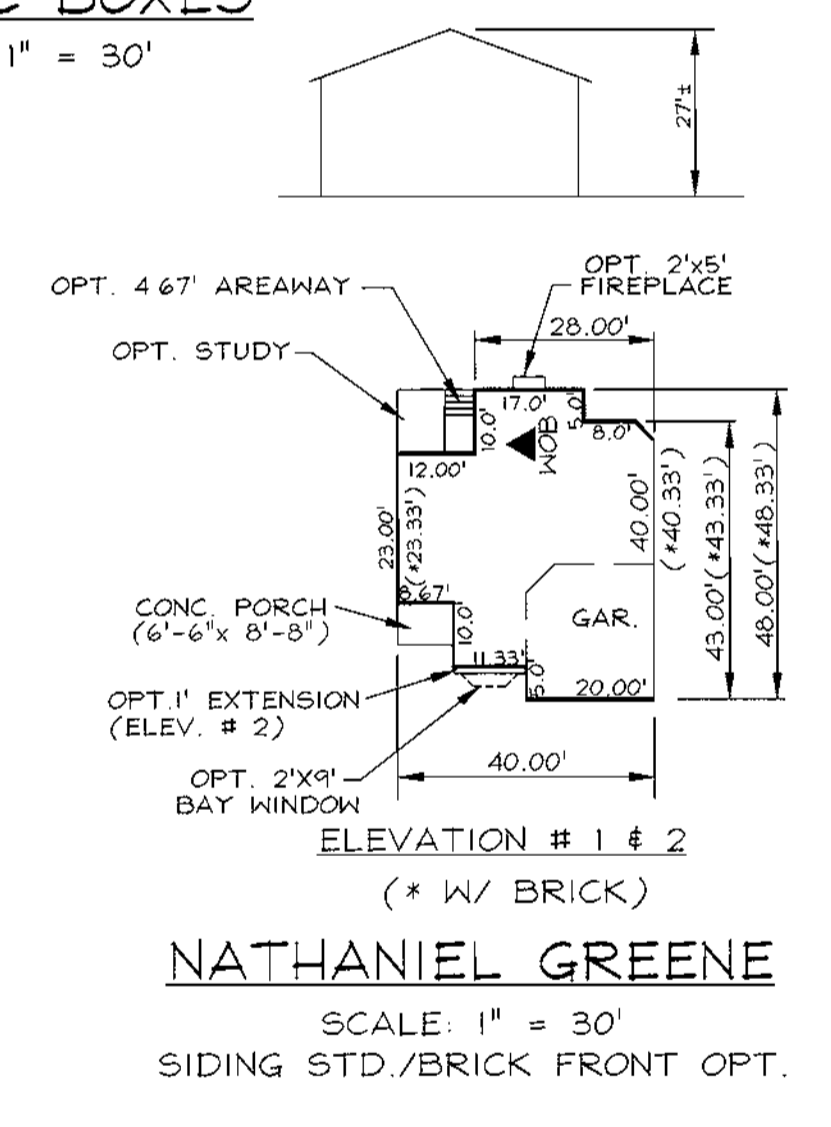
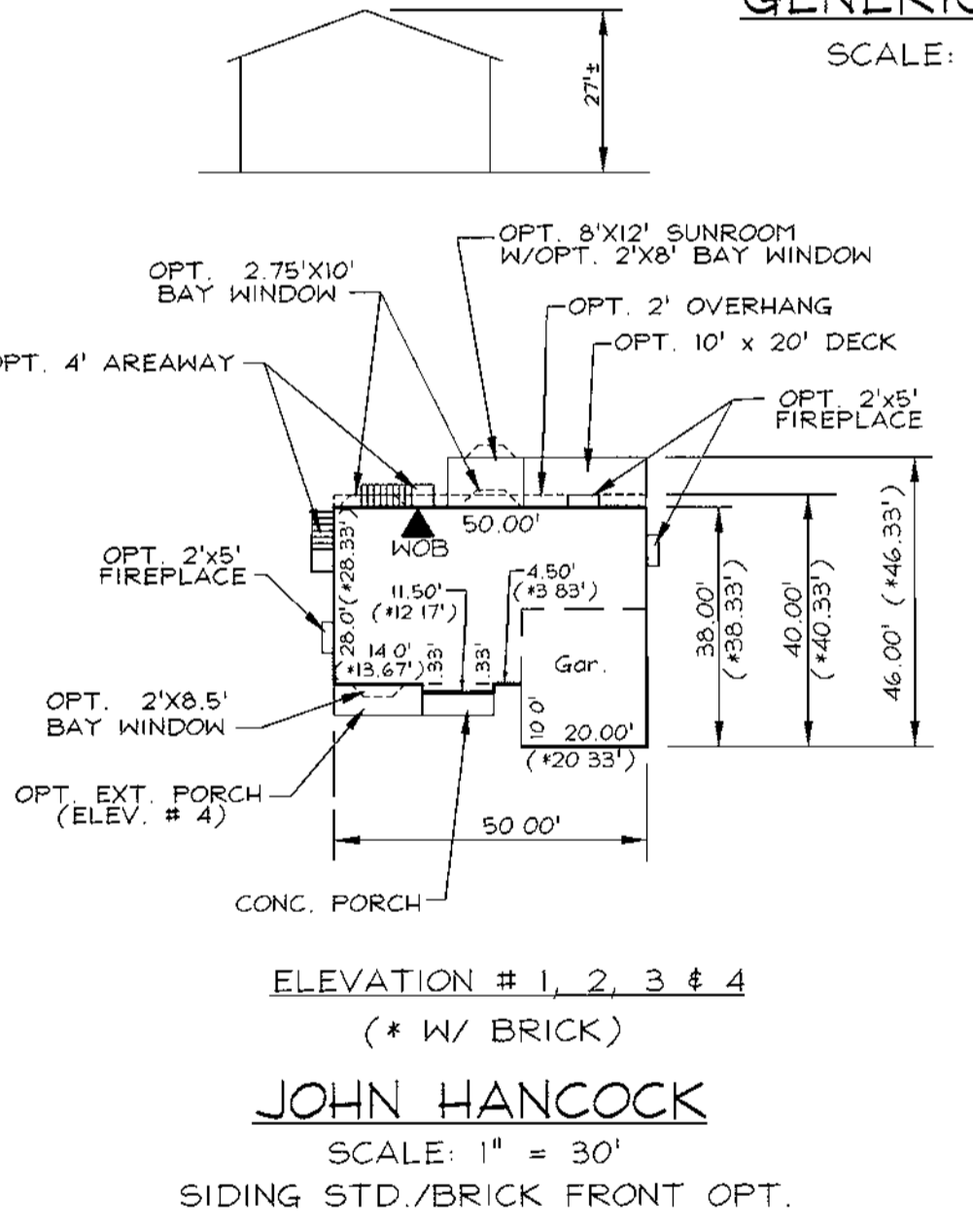
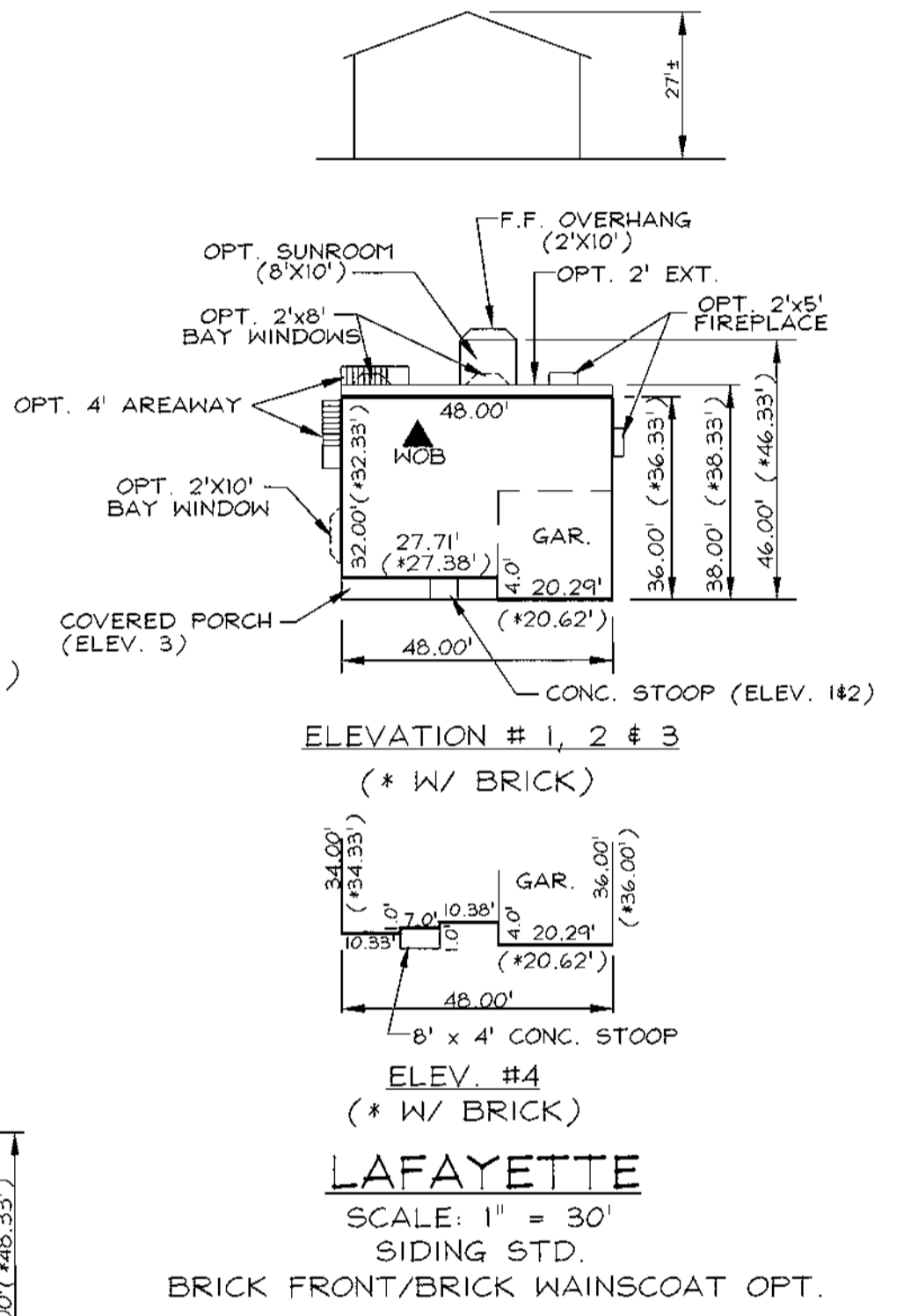
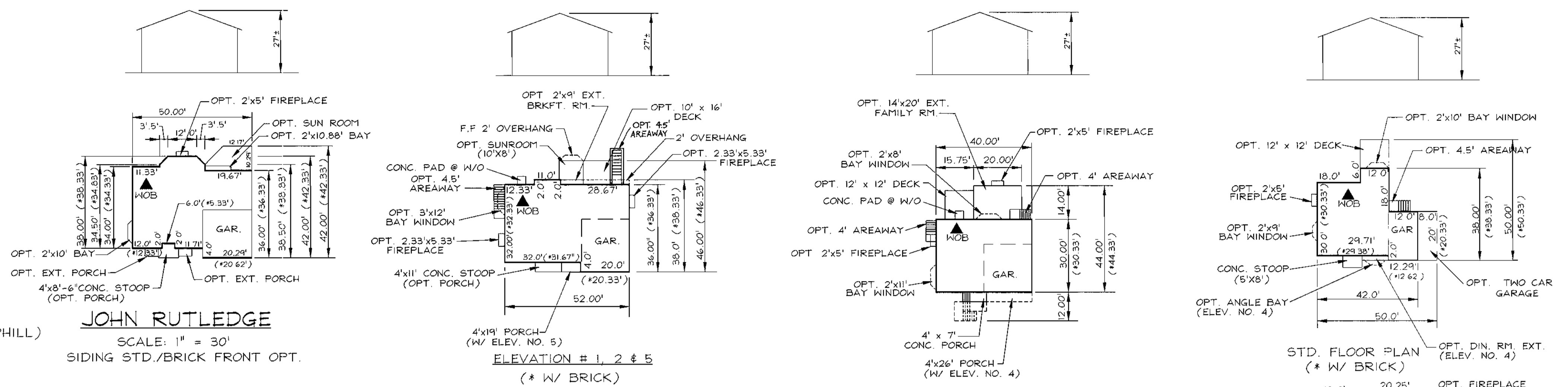
**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
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 20, 24-29, 35-38 AND 41-44  
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 TAX MAP #18 PARCELS NO. 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
 ENGINEERS-SURVEYORS-PLANNERS  
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.463.3968

 ROBERT H. VOGEL, PE No. 76193	DESIGN BY: GAH DRAWN BY: TR/GAH CHECKED BY: RHV DATE: Dec. 18, 2000 SCALE: 1"=30' W/O NO.: 99-152	5 SHEET OF 12
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**GENERIC BOXES**  
SCALE: 1" = 30'



**NOTES**

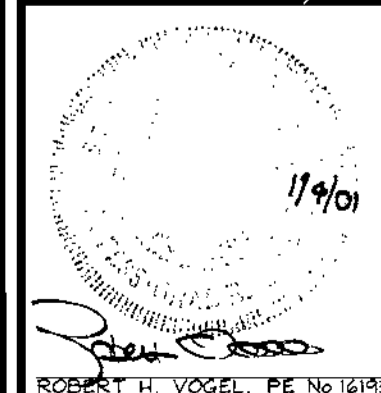
- SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" FOR ALL MATERIAL, PRODUCT, AND PROCEDURE SPECIFICATIONS.
- SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.
- PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
- KEEP MULCH 1" FROM TRUNK.
- SEE ARCHITECTURAL PLANS 2'-6" FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.
- TREES ARE NOT TO BE PLANTED OVER PRIVATE SEWAGE EASEMENT.

NO.	REVISION	DATE
3	ADD OPT. AREAWAY TO FRANCIS SCOTT KEY	12/7/01
2	ADD PATRICK HENRY MODEL TO BOX 'C'	7/6/01
1	HOUSE TYPE REVISION - LOT 17	5/30/01

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
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24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
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3681 Park Avenue, Suite 101 • Elliott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966



DESIGN BY: GAH  
DRAWN BY: GAH  
CHECKED BY: RHW  
DATE: Dec 18, 2000  
SCALE: 1"=30'  
W.C. NO.: 99-152

LANDSCAPE SCHEDULE				
KEY	QUAN	BOTANICAL NAME	SIZE	CAT
AR	2	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B & B
PS	2	Pinus Strobus Eastern White Pine	6'-8' HL	B & B

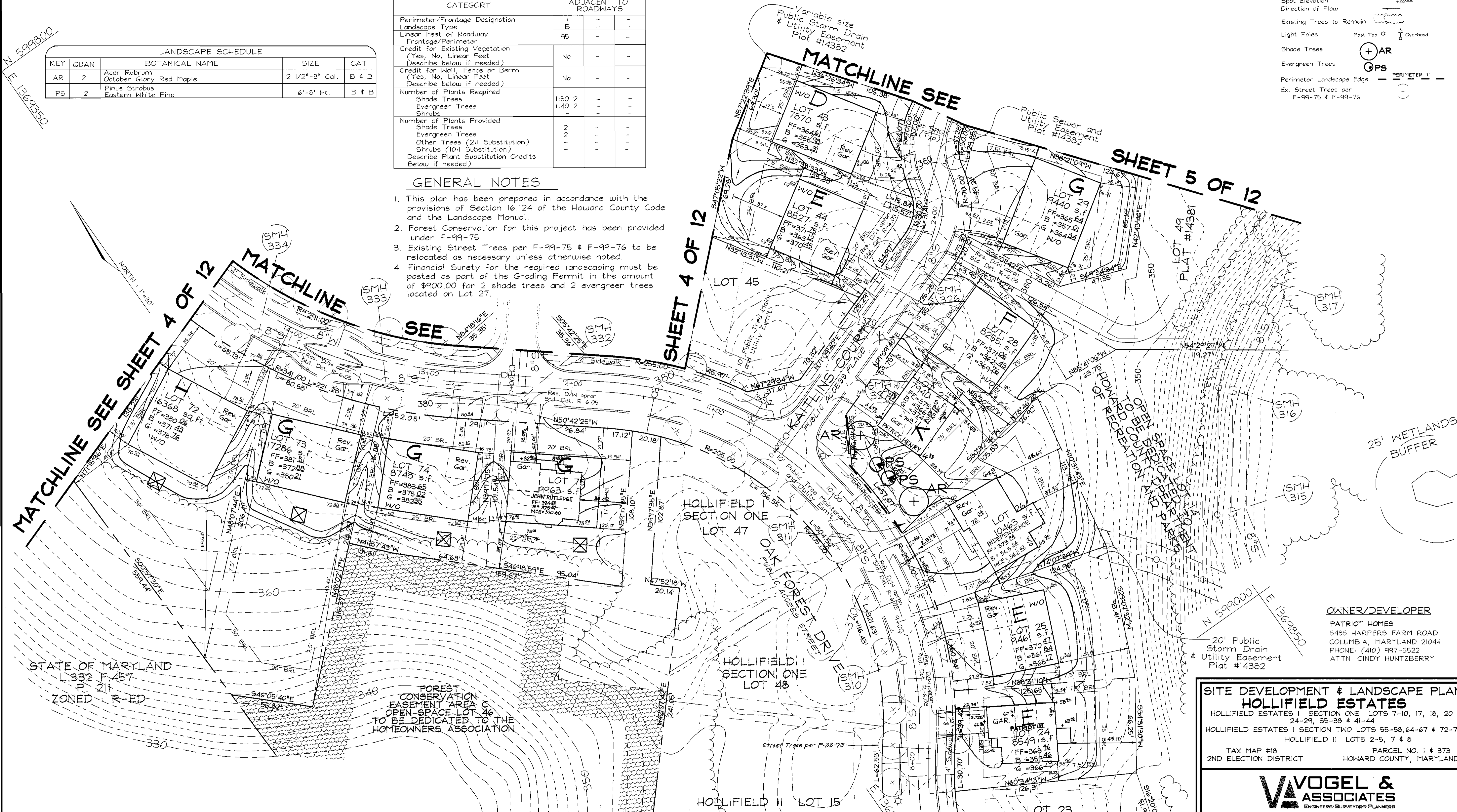
SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJACENT TO ROADWAYS		
Perimeter/Frontage Designation	1	-	-
Landscape Type	B	-	-
Linear Feet of Roadway Frontage/Perimeter	95	-	-
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs	-	-	-
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution)	-	-	-
Shrubs (10:1 Substitution)	-	-	-
Describe Plant Substitution Credits Below if needed			

**GENERAL NOTES**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
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- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

**LEGEND**

- Existing Contour: ---
- Proposed Contour: - - -
- Spot Elevation: +82.58
- Direction of Flow: →
- Existing Trees to Remain: [Symbol]
- Light Poles: Post Top [Symbol], Overhead [Symbol]
- Shade Trees: [Symbol] AR
- Evergreen Trees: [Symbol] PS
- Perimeter Landscape Edge: --- PERIMETER '1'
- Ex. Street Trees per F-99-75 & F-99-76: [Symbol]



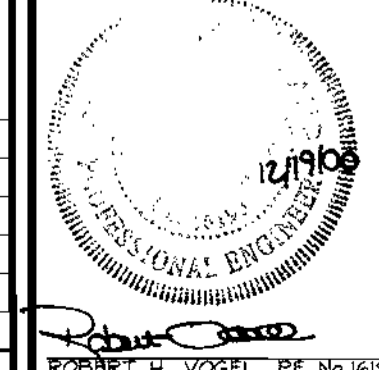
**OWNER/DEVELOPER**  
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**FOR CONTINUATION  
 SEE SHEET 2 OF 12**

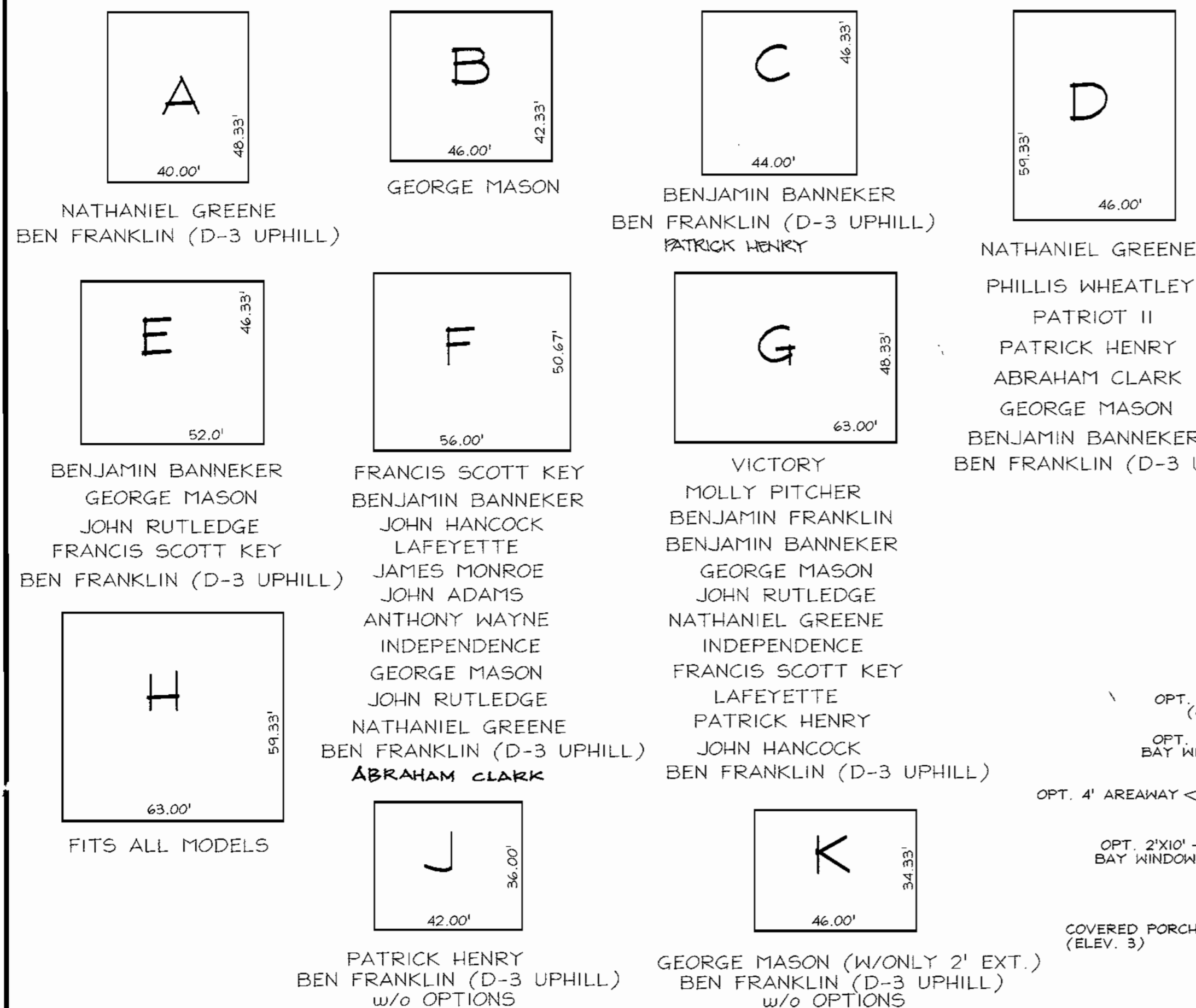
NO.	REVISION	DATE
4	HOUSE TYPE REVISION - LOT 26	11/21/01
3	HOUSE TYPE REVISIONS - LOT 27	10/11/01
2	HOUSE TYPE REVISIONS - LOT 24	10/11/01
1	HOUSE TYPE REVISIONS - LOT 75	8/31/01
NO.	REVISION	DATE



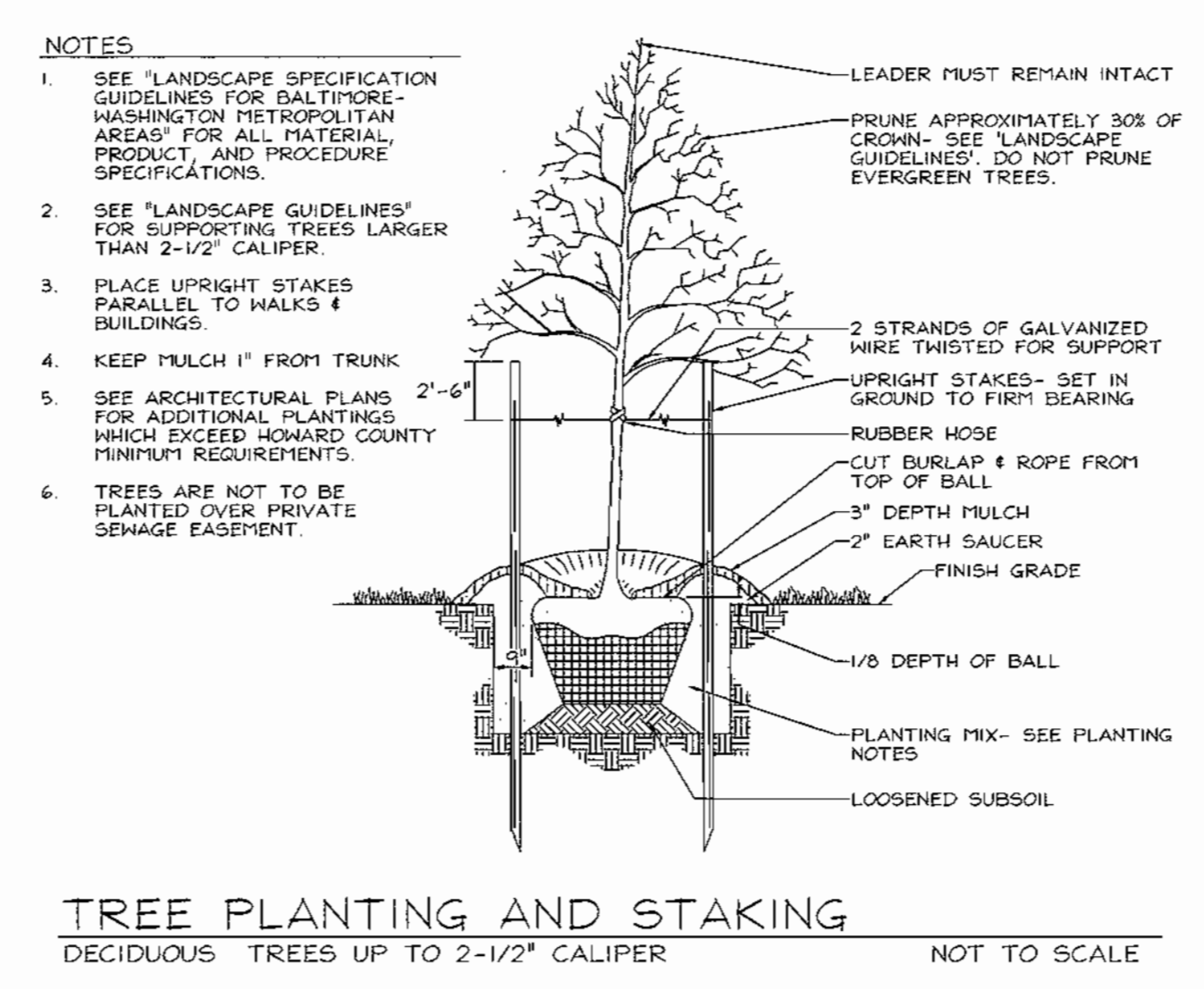
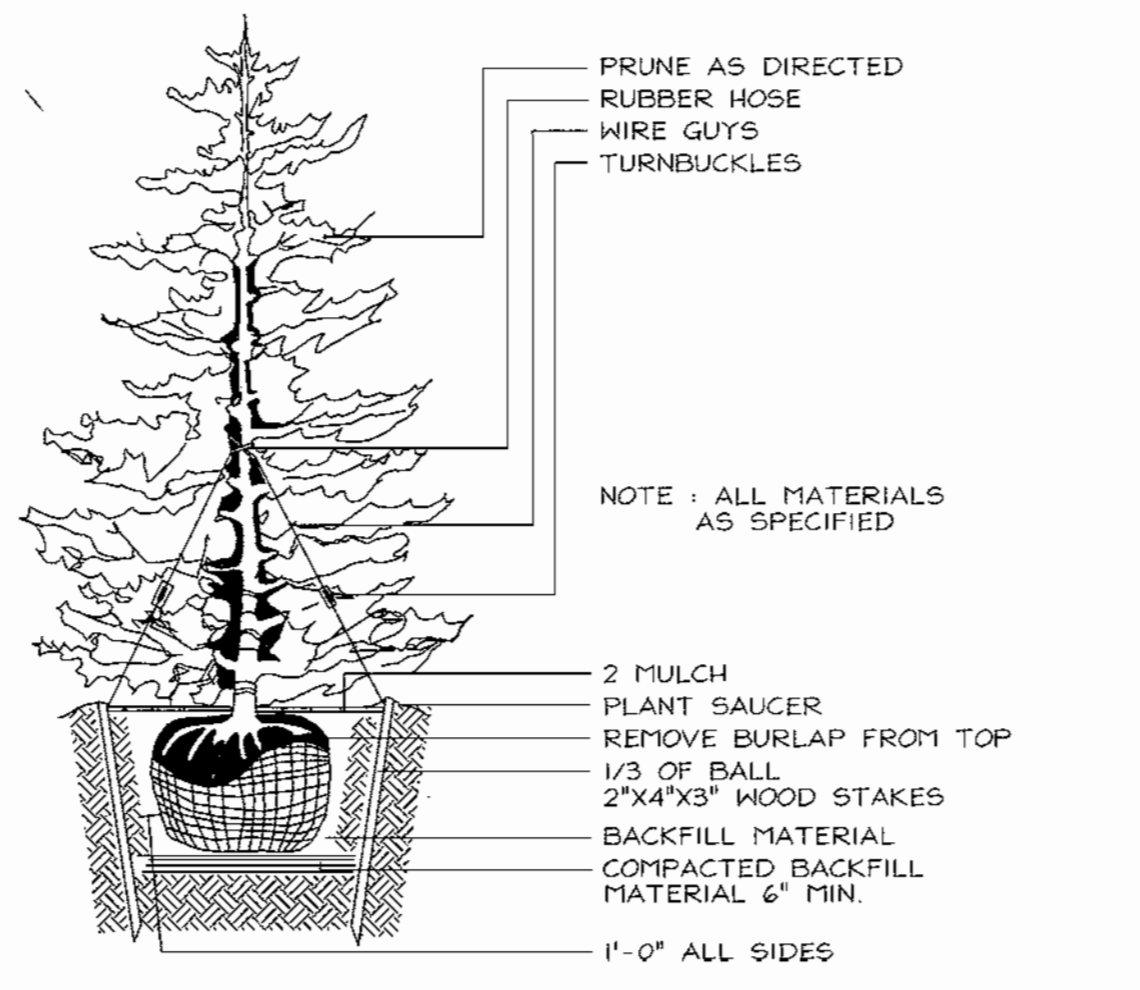
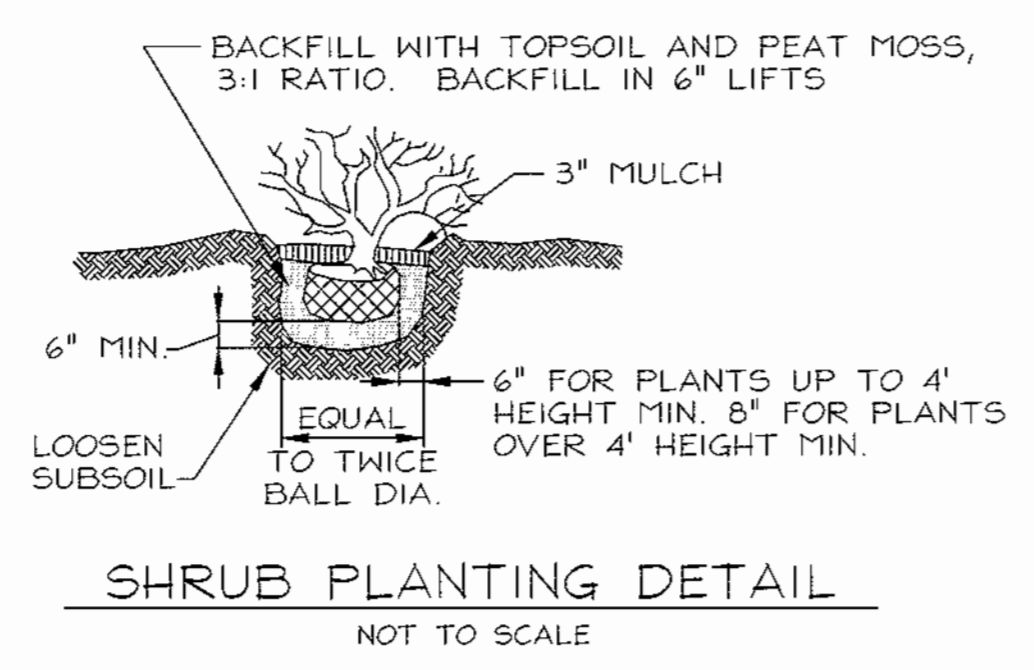
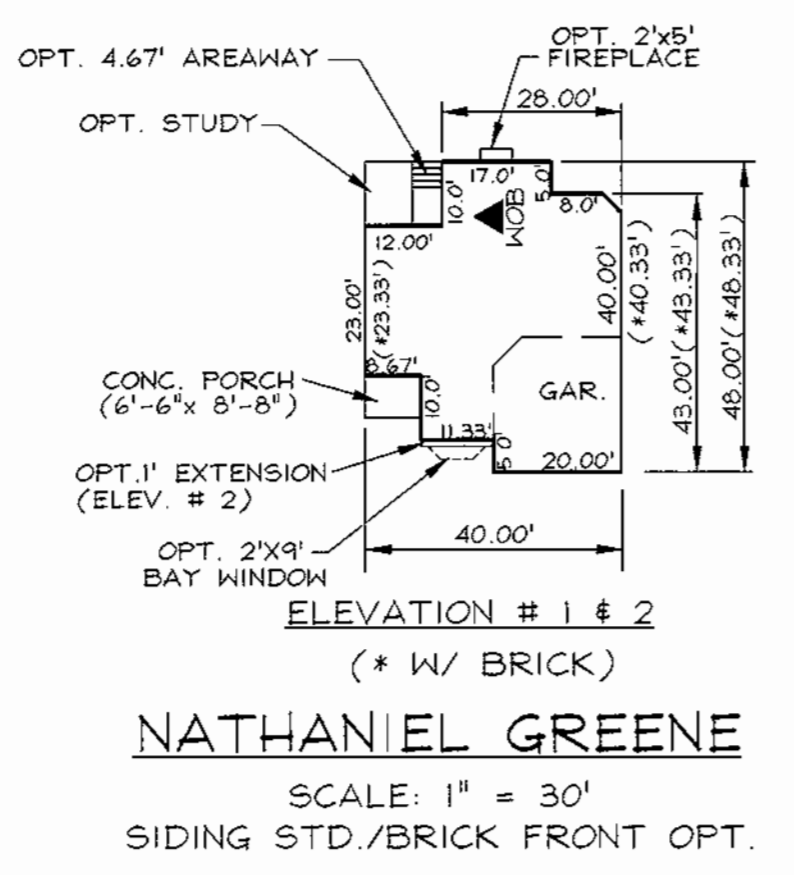
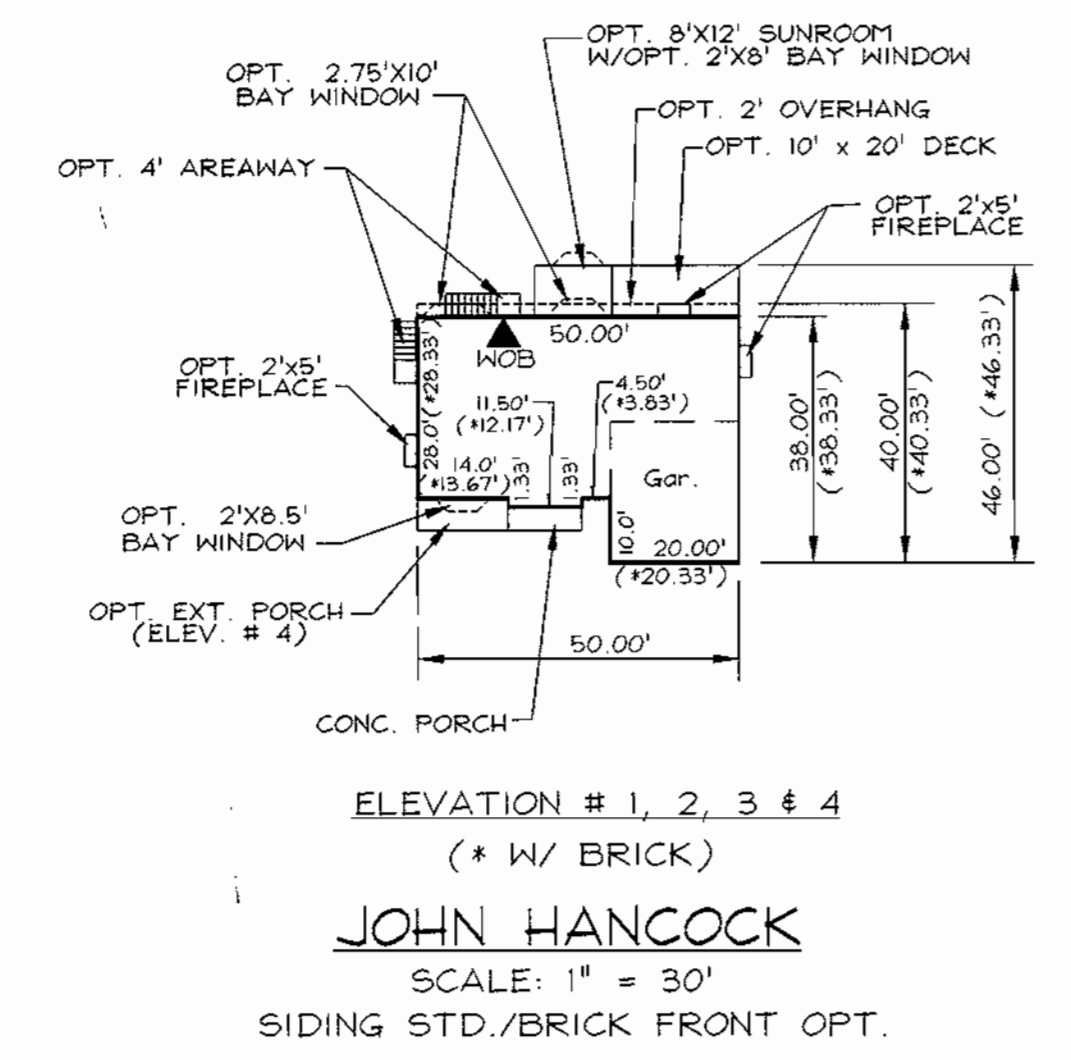
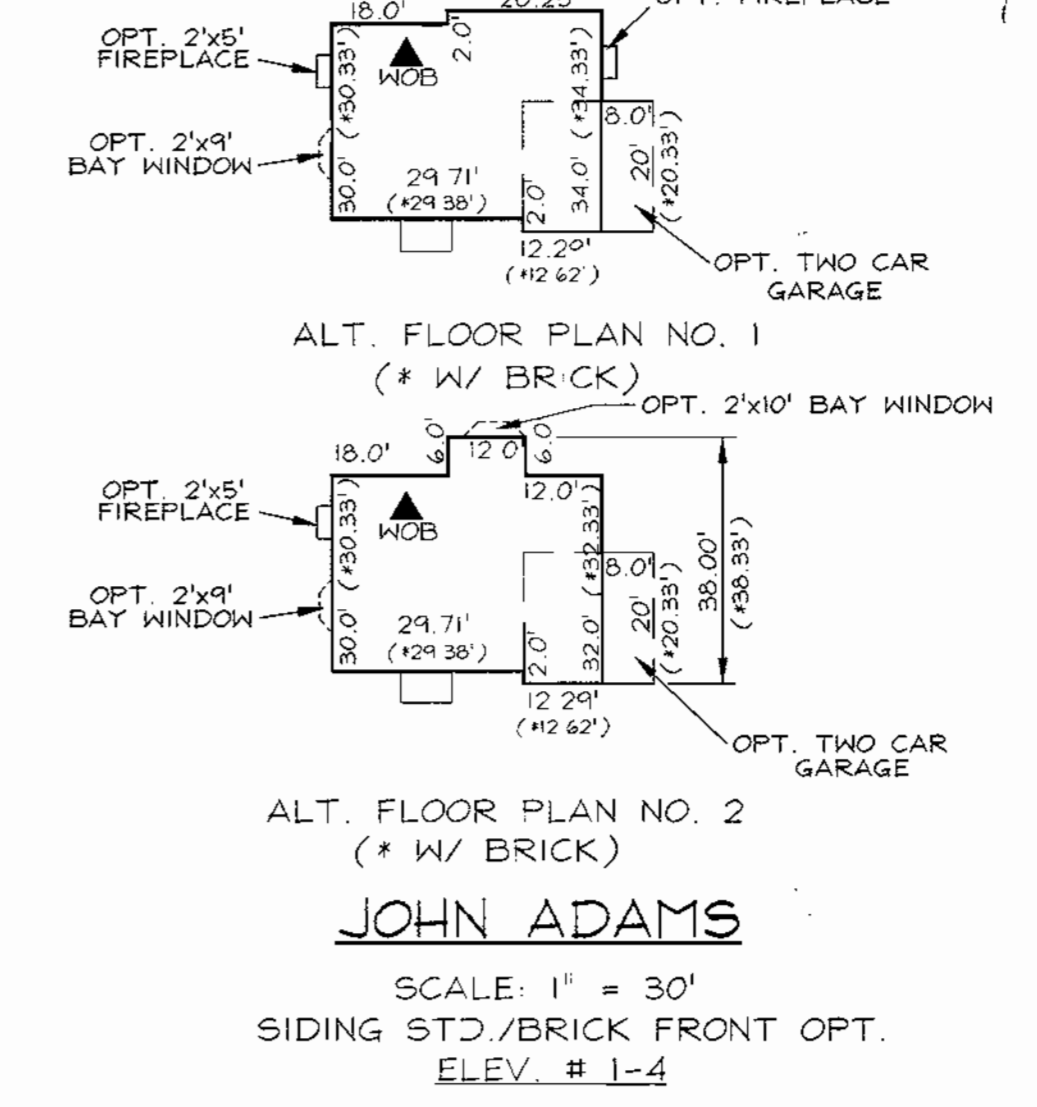
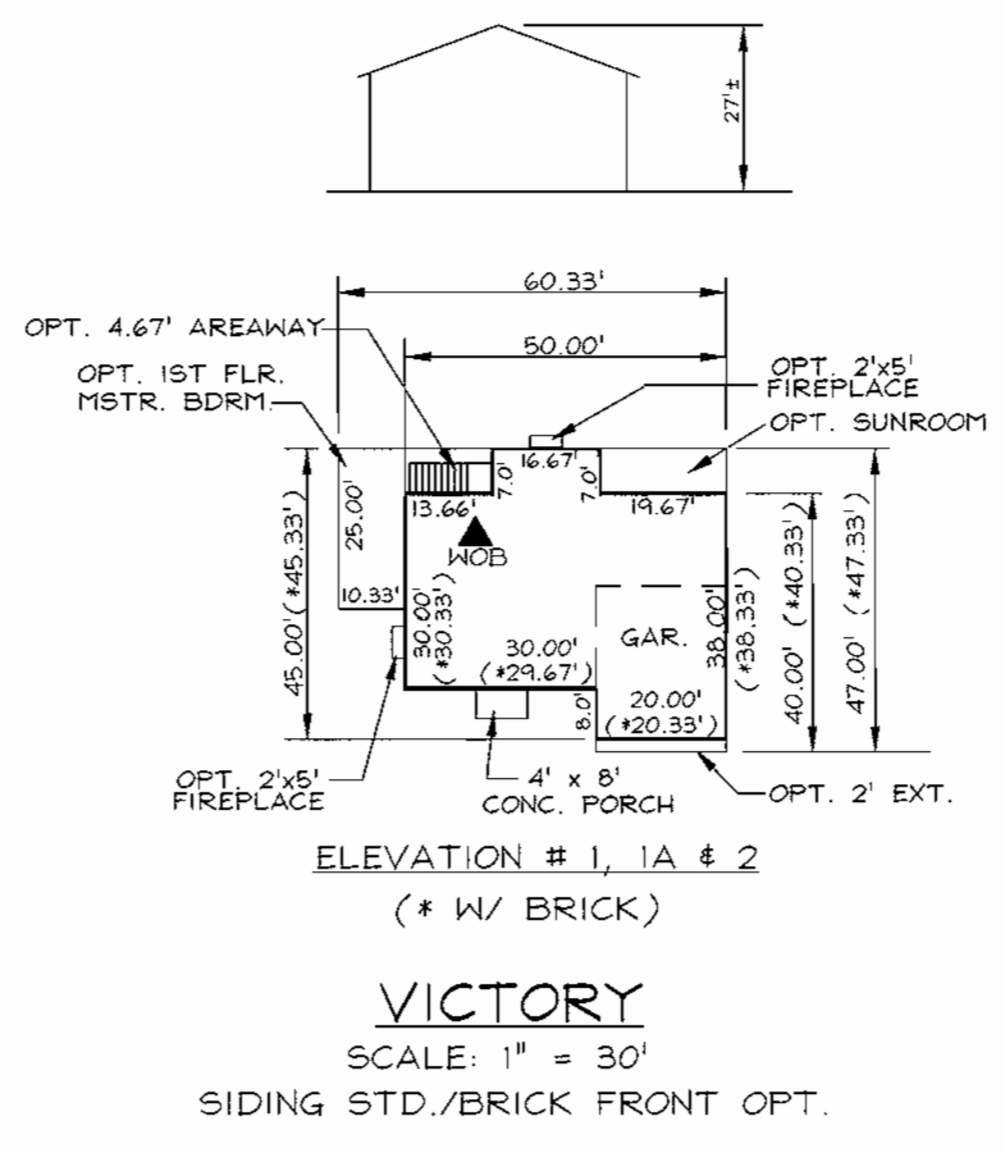
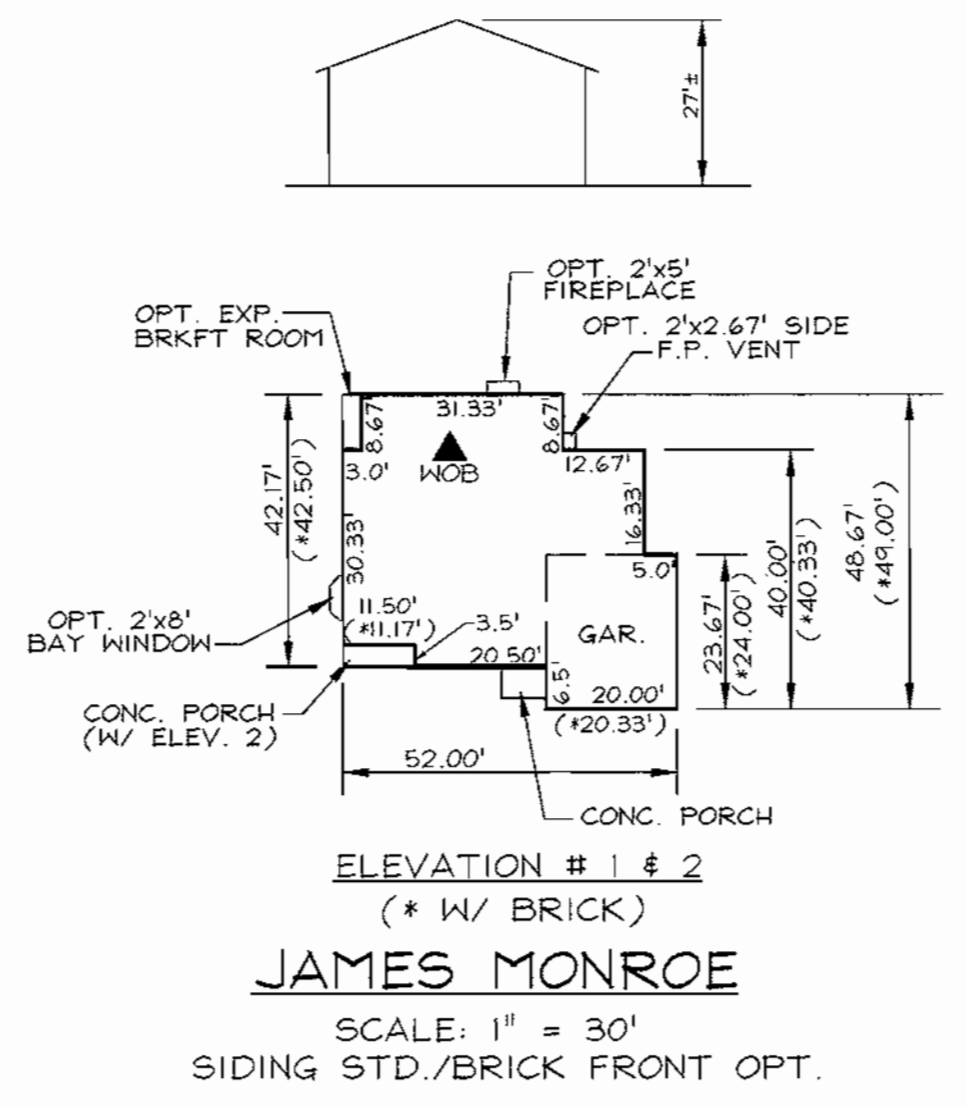
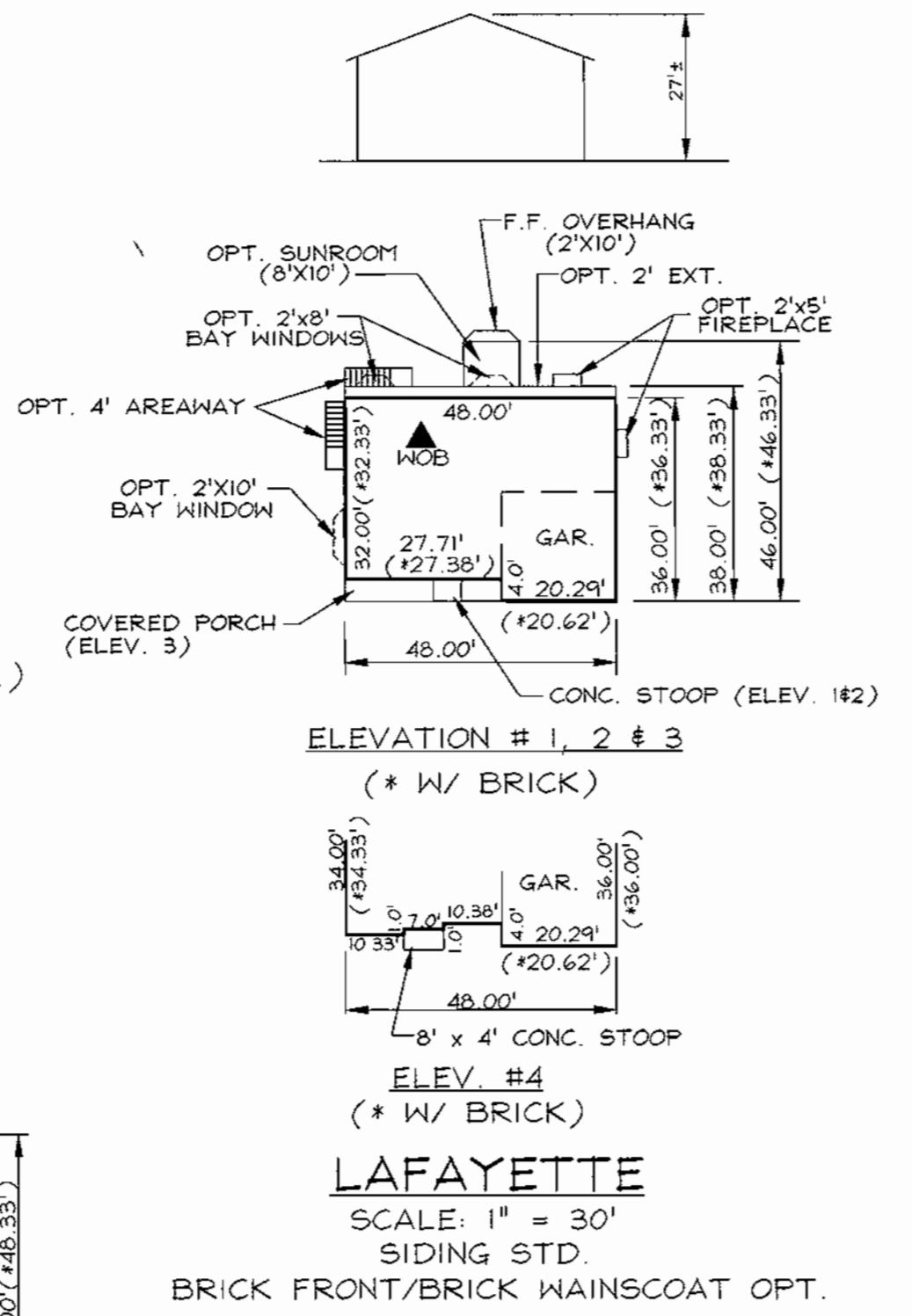
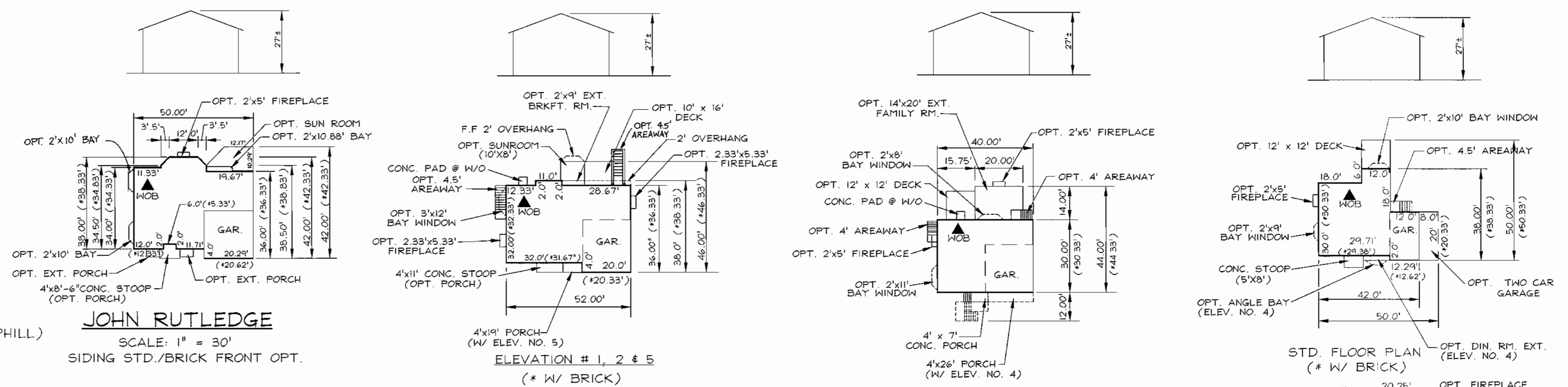
DESIGN BY: GAH  
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 DATE: Dec. 18, 2000  
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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 [Signature] 1/26/01  
 [Signature] 1/25/01  
 [Signature] 1/17/01

**DEVELOPER'S BUILDER'S CERTIFICATE**  
 I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.  
 [Signature] 1/18/00  
 SIGNATURE OF DEVELOPER DATE



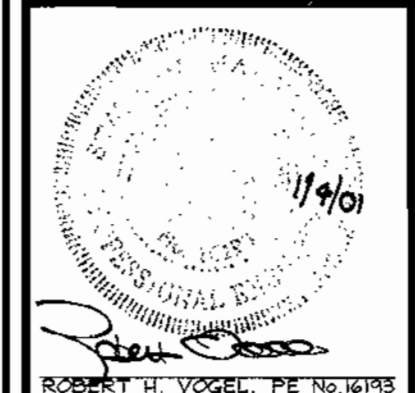
**GENERIC BOXES**  
SCALE: 1" = 30'



NO.	REVISION	DATE
4	ADD OPT. BAY WINDOW TO JOHN RUTLEDGE	1/7/02
3	ADD OPT. AREAWAY TO FRANCIS SCOTT KEY	12/7/01
2	ADD PATRICK HENRY MODEL TO BOX 'C'	7/6/01
1	HOUSE TYPE REVISION - LOT 17	5/30/01

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS/SURVEYORS/PLANNERS  
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel: 410.461.5828 Fax: 410.465.3966



DESIGN BY: GAH  
DRAWN BY: GAH  
CHECKED BY: RHV  
DATE: Dec. 18, 2000  
SCALE: 1" = 30'  
H.O. NO.: 99-152  
10 SHEET OF 12

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 1/17/01  
  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE 1/25/01  
  
 DIRECTOR DATE 1/26/01

**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 947-5522  
ATTN: CINDY HUNTZBERRY



N 599800  
E 1369350

LANDSCAPE SCHEDULE				
KEY	QUAN.	BOTANICAL NAME	SIZE	CAT
AR	2	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B & B
PS	2	Pinus Strobus Eastern White Pine	6'-8' Ht.	B & B

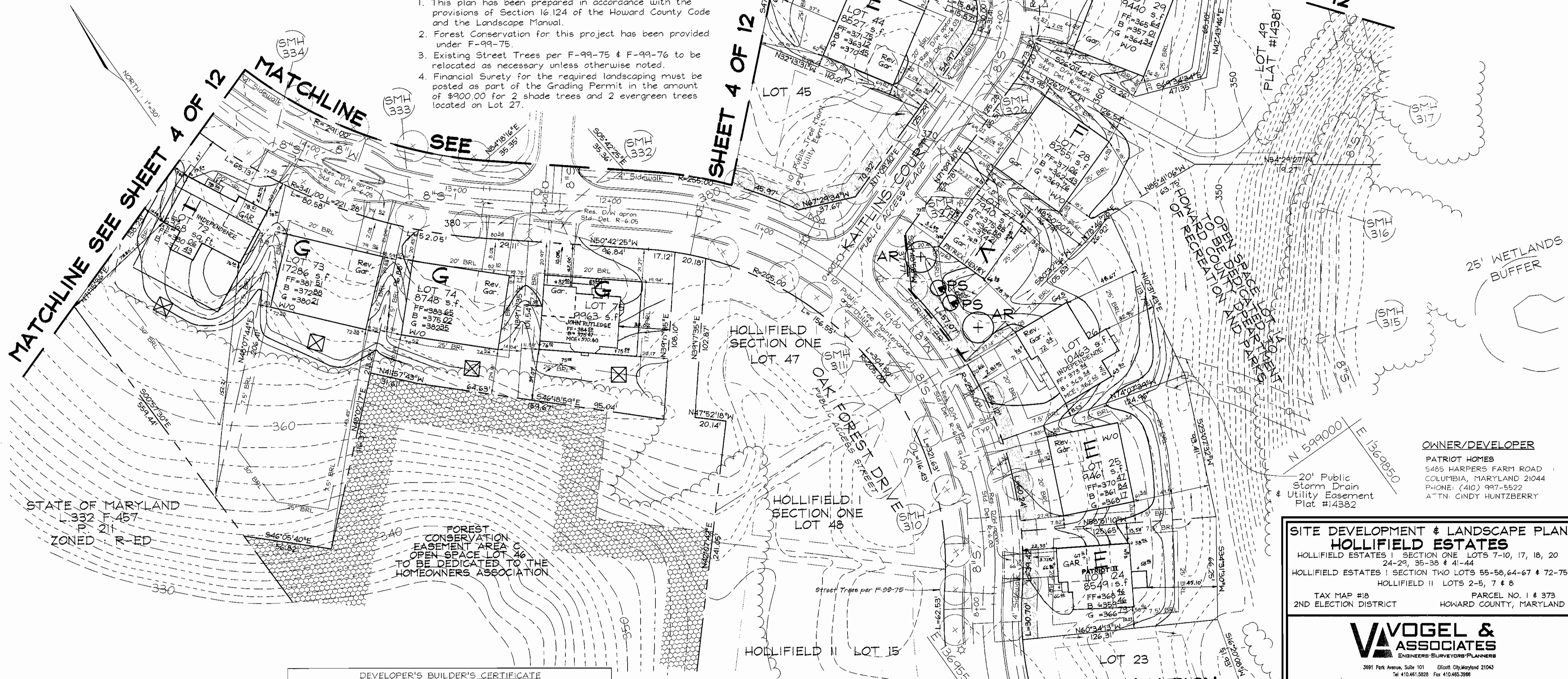
SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJACENT TO ROADWAYS		
Perimeter/Frontage Designation	I	-	-
Landscape Type	B	-	-
Linear Feet of Roadway Frontage/Perimeter	95	-	-
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs	-	-	-
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution)	-	-	-
Shrubs (10:1 Substitution)	-	-	-
Describe Plant Substitution Credits Below if needed)			

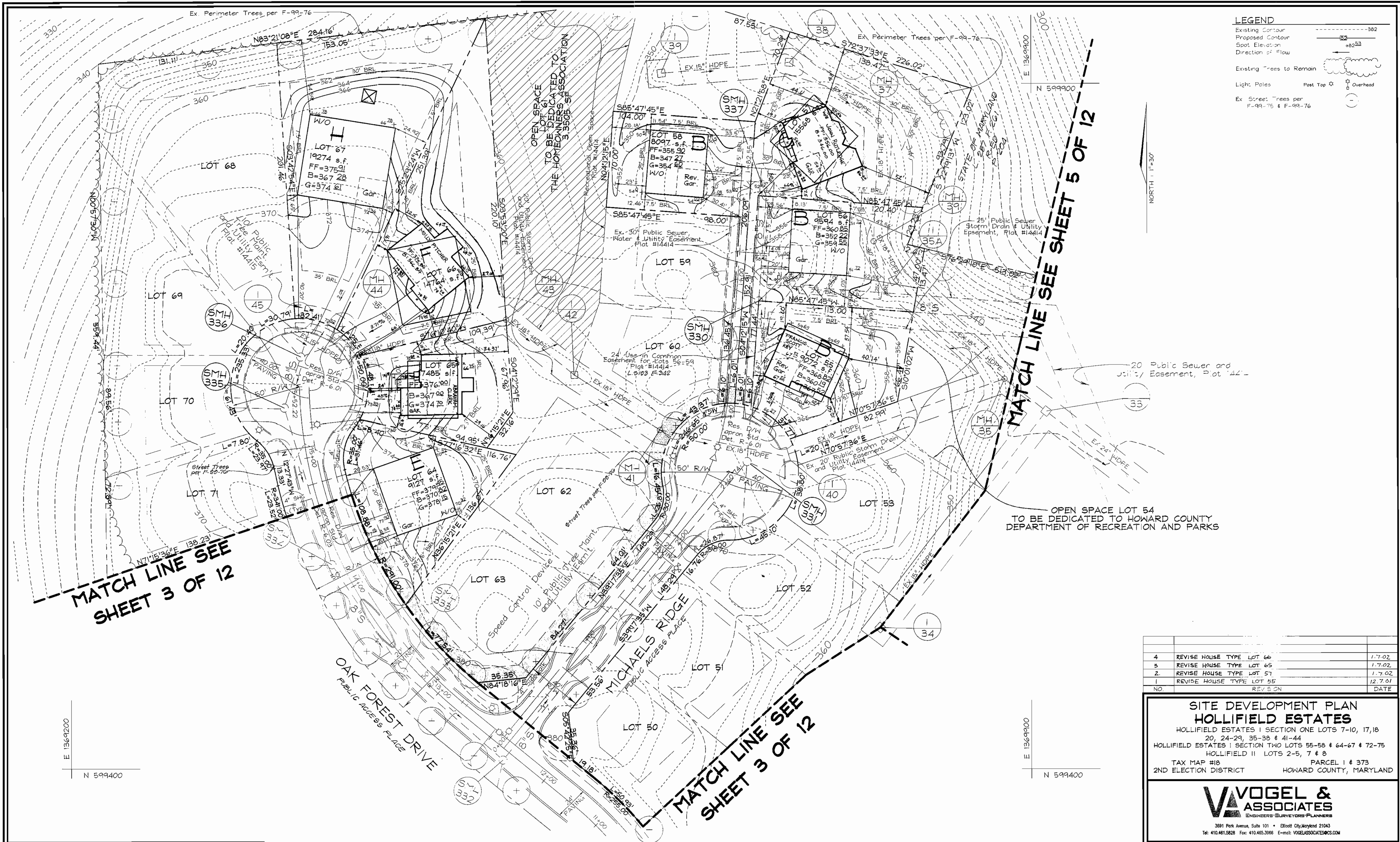
**GENERAL NOTES**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
- Forest Conservation for this project has been provided under F-99-75.
- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

**LEGEND**

Existing Contour	---382---
Proposed Contour	---382---
Spot Elevation	+82.52
Direction of Flow	→
Existing Trees to Remain	
Light Poles	Post Top  Overhead
Shade Trees	AR
Evergreen Trees	PS
Perimeter Landscape Edge	--- PERIMETER ---
Ex. Street Trees per F-99-75 & F-99-76	





**LEGEND**

Existing Contour	---	382
Proposed Contour	---	382
Spot Elevation	+	+82.52
Direction of Flow	→	
Existing Trees to Remain	(Tree Symbol)	
Light Poles	○	
Post Top	○	
Overhead	○	
Ex Street Trees per F-99-75 & F-99-76	(Tree Symbol)	

MATCH LINE SEE SHEET 3 OF 12

MATCH LINE SEE SHEET 5 OF 12

OPEN SPACE LOT 54 TO BE DEDICATED TO HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 1/26/01  
DIRECTOR DATE

*[Signature]* 1/25/01  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*[Signature]* 1/17/01  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**OWNER/DEVELOPER**

PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

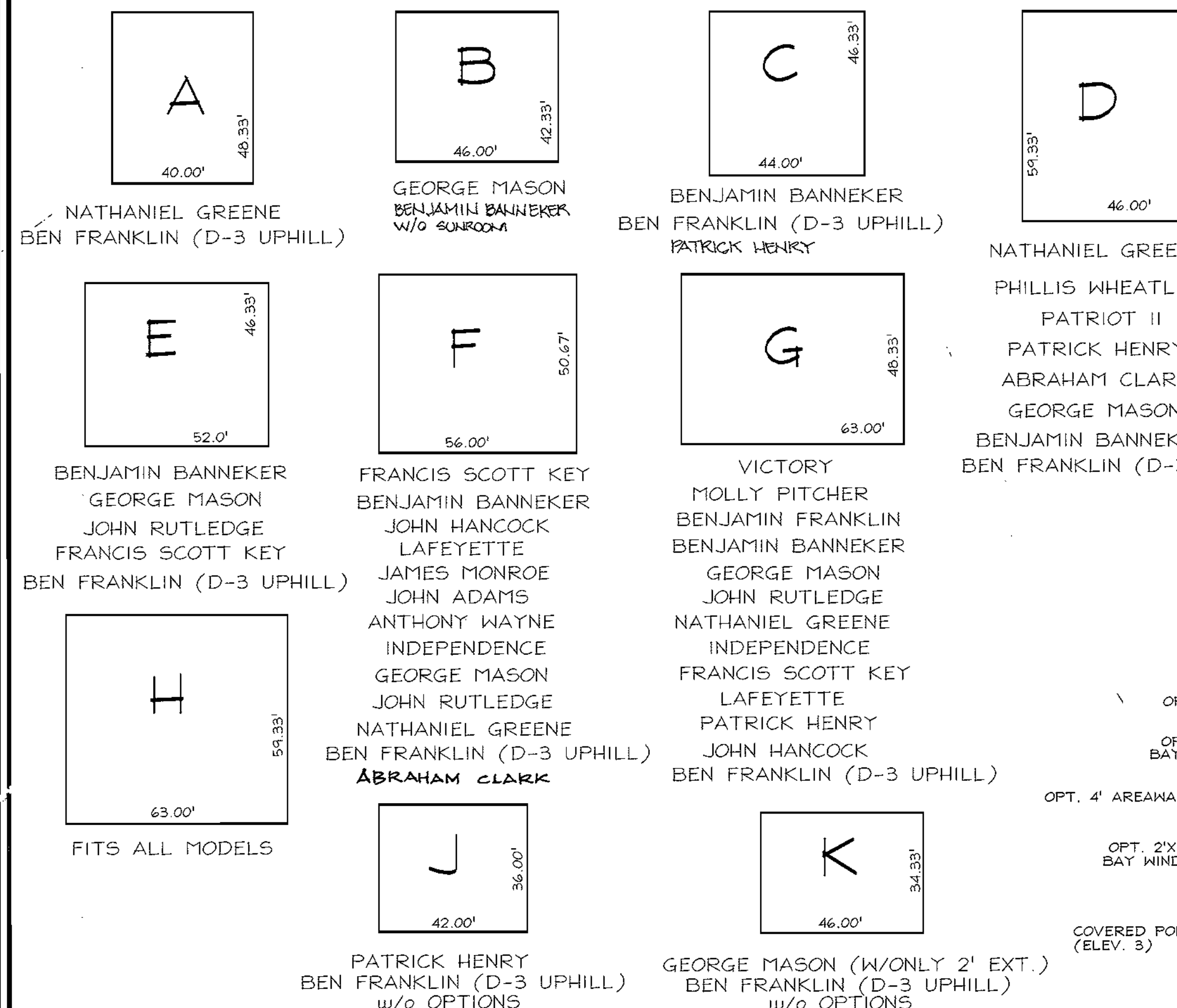
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4	REVISE HOUSE TYPE LOT 66	1-7-02
3	REVISE HOUSE TYPE LOT 65	1-7-02
2	REVISE HOUSE TYPE LOT 57	1-7-02
1	REVISE HOUSE TYPE LOT 55	12-7-01

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18  
20, 24-29, 35-39 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58 & 64-67 & 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL I & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS  
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel: 410.461.5828 Fax: 410.465.3086 E-mail: VOGELASSOCIATES@CS.COM

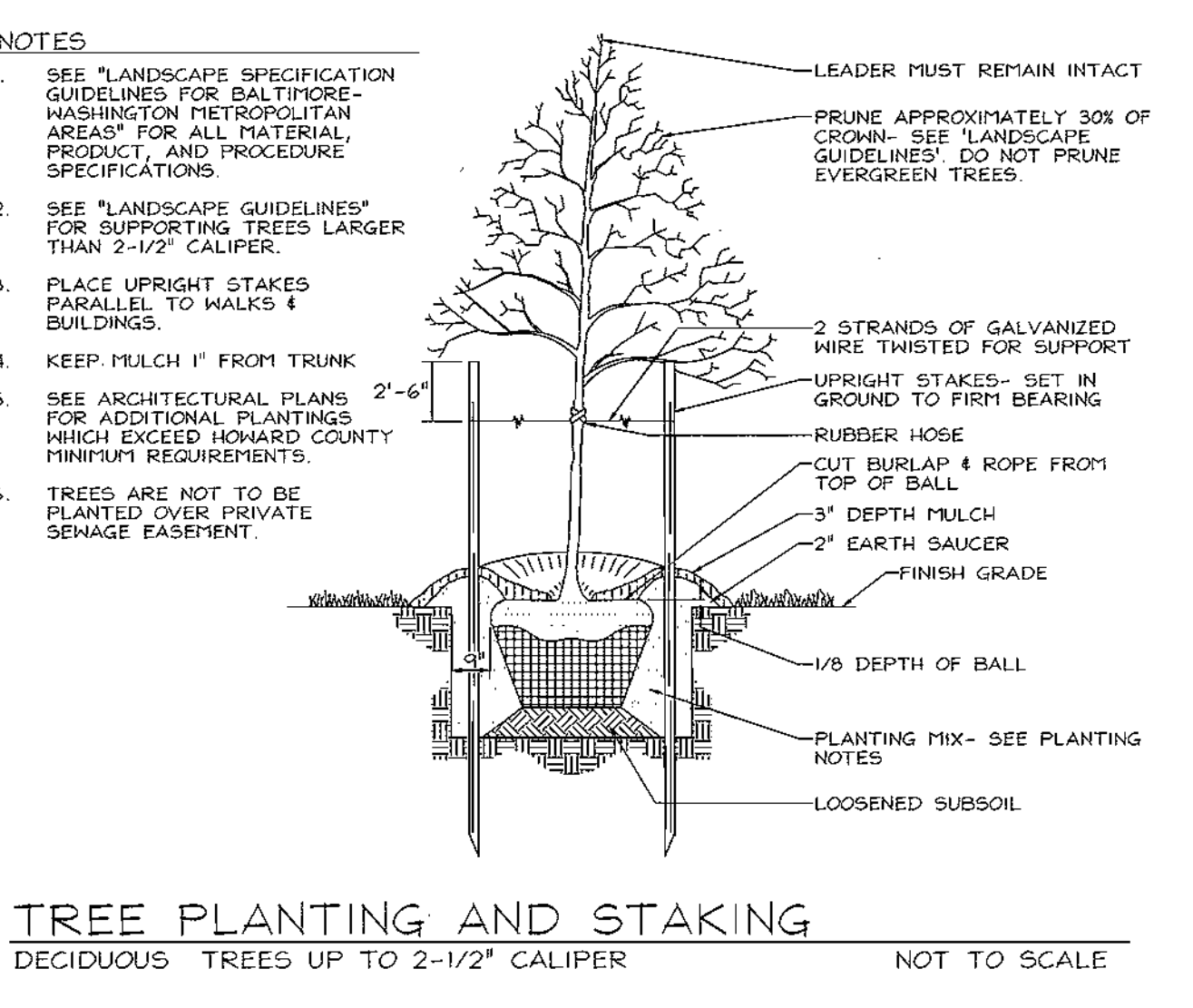
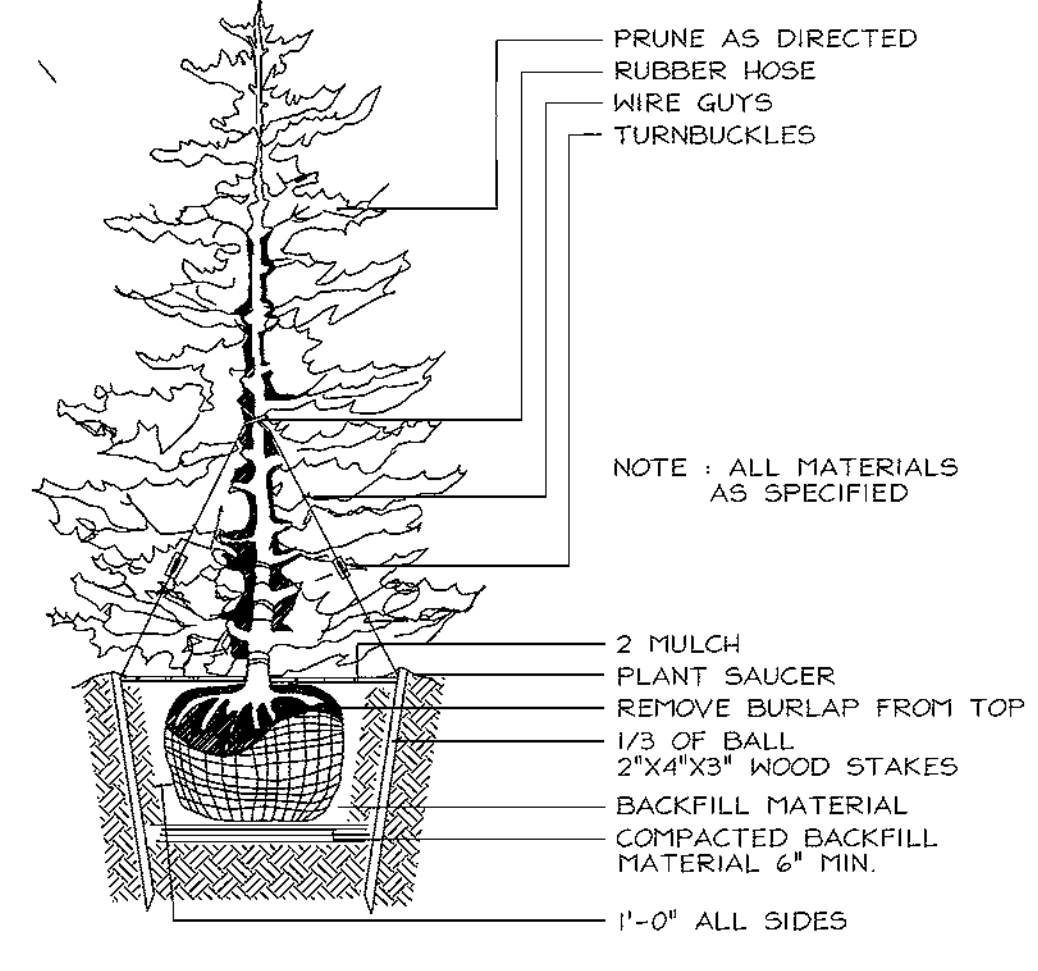
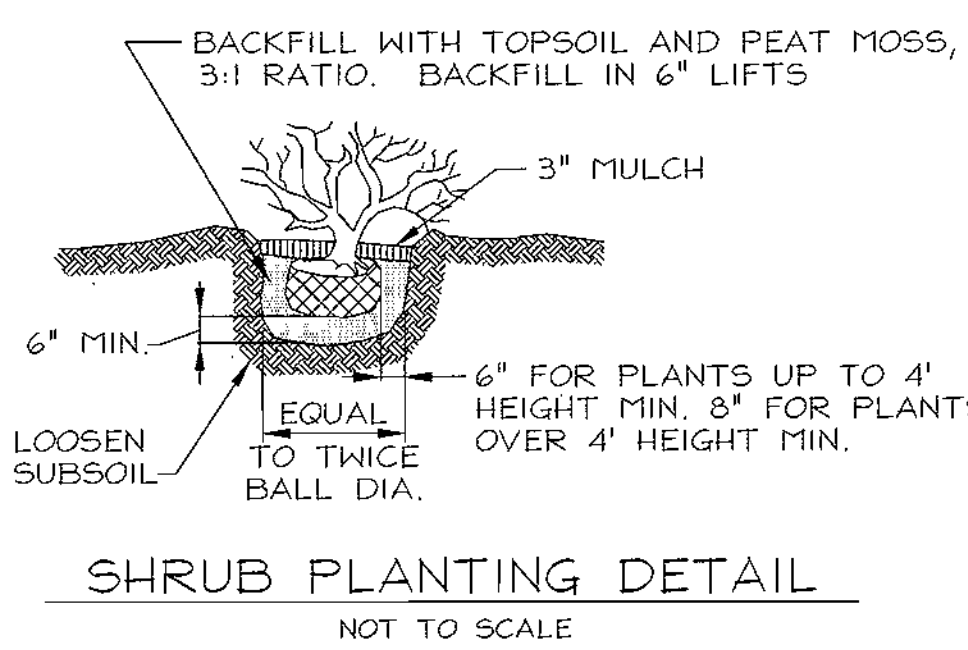
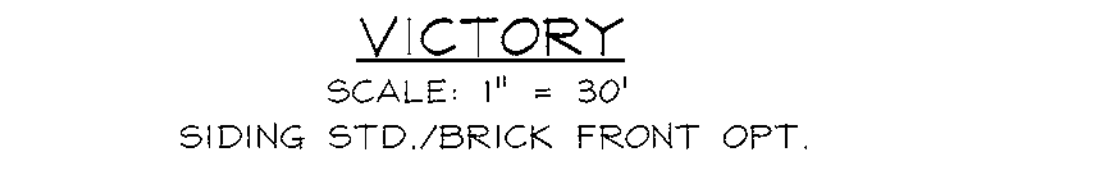
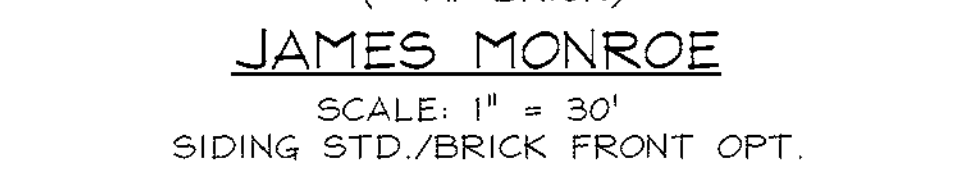
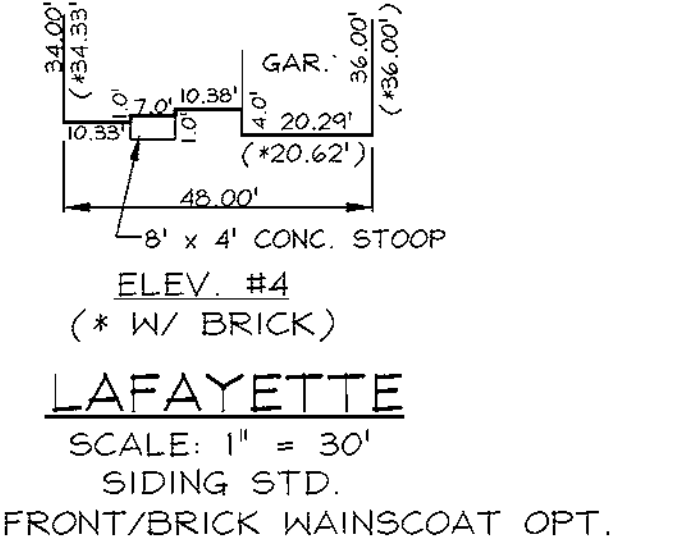
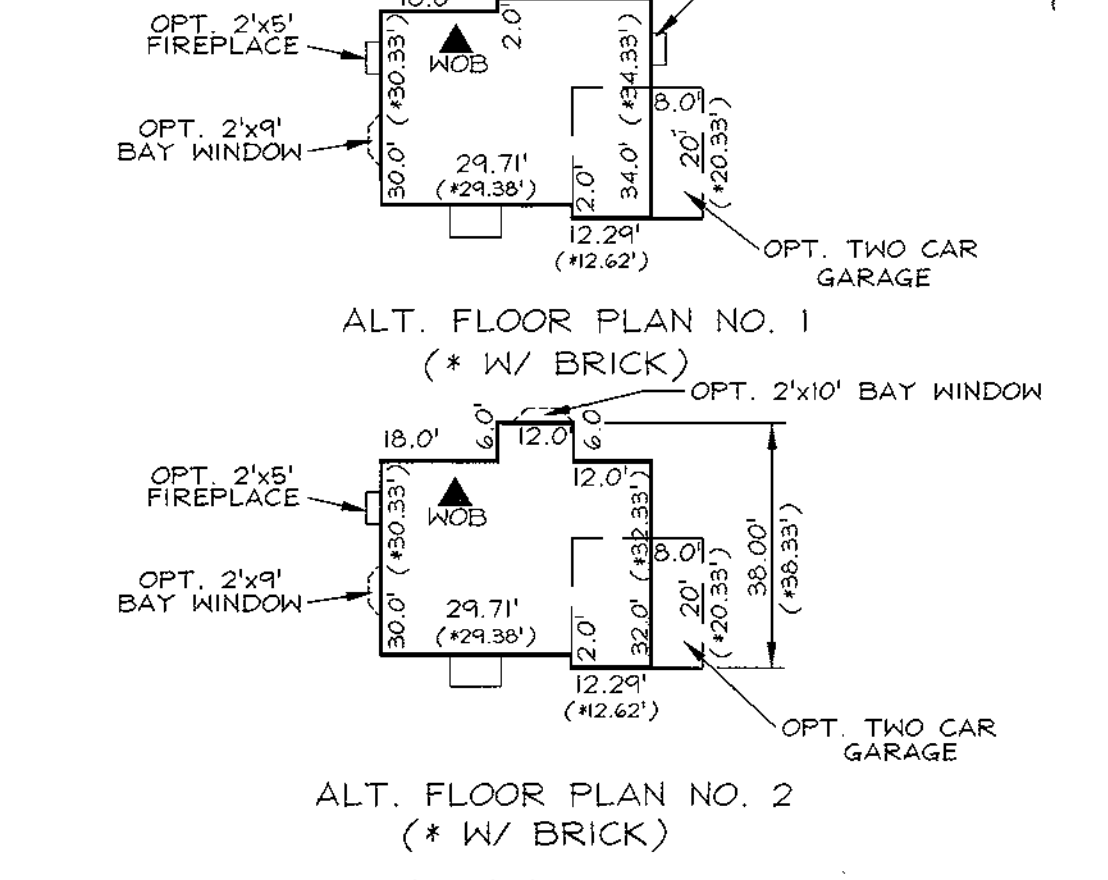
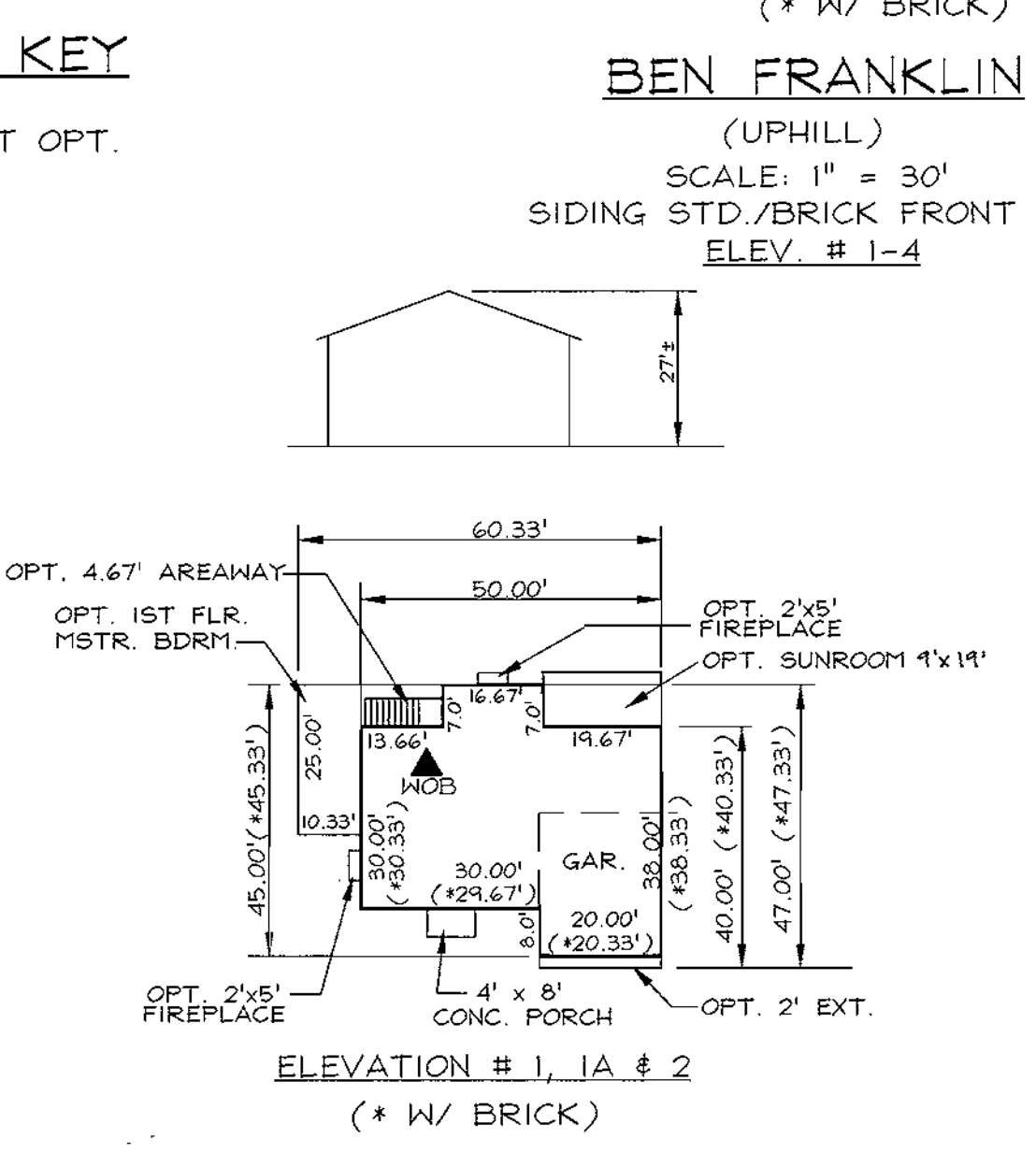
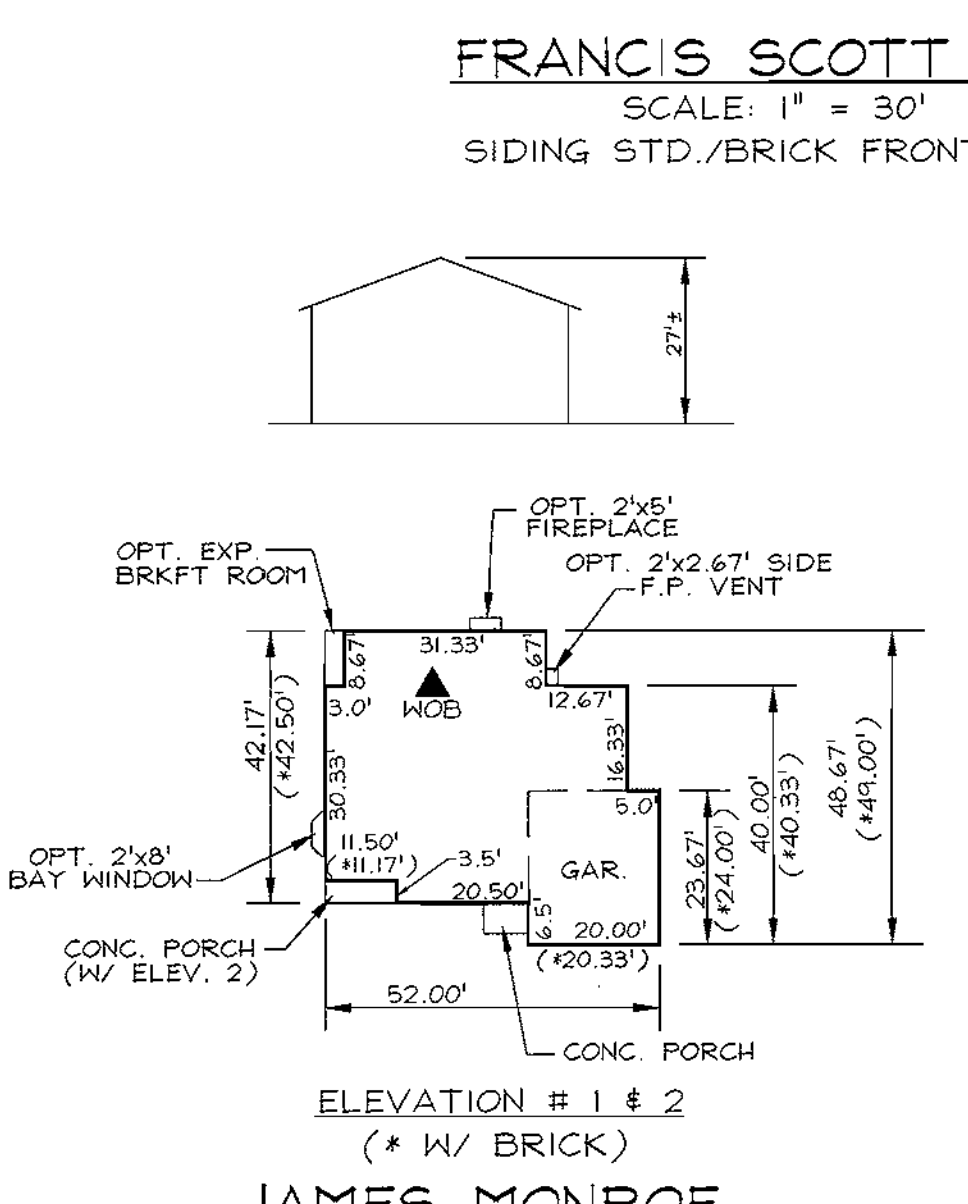
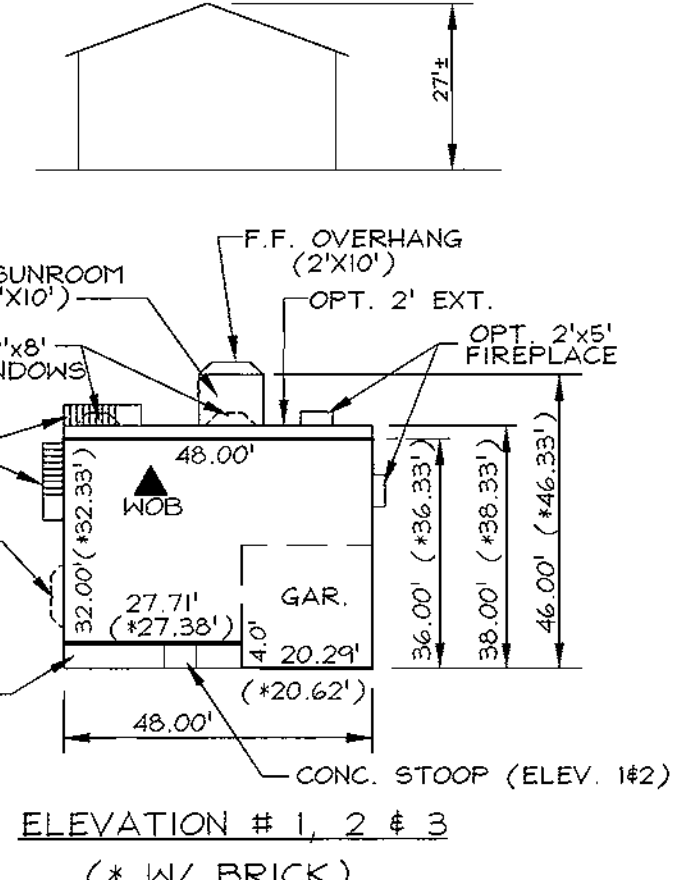
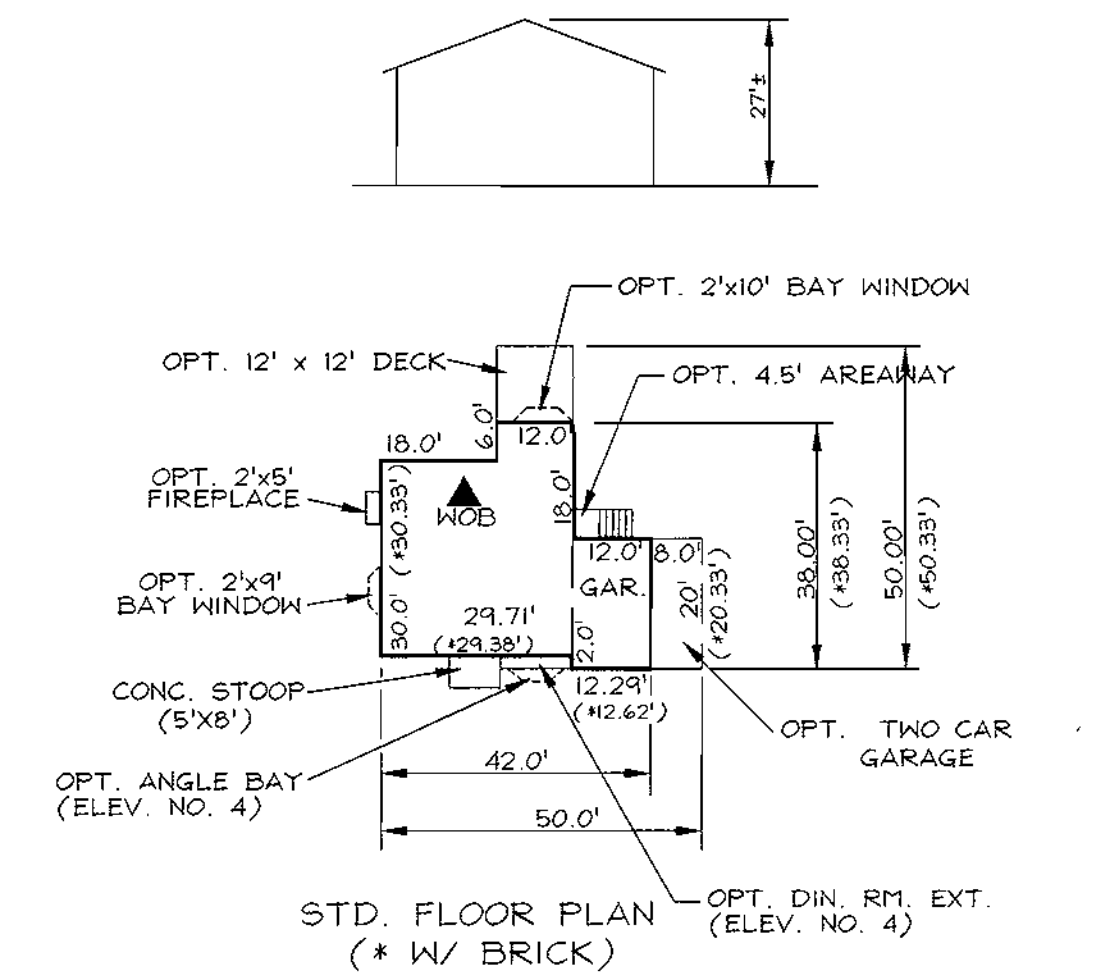
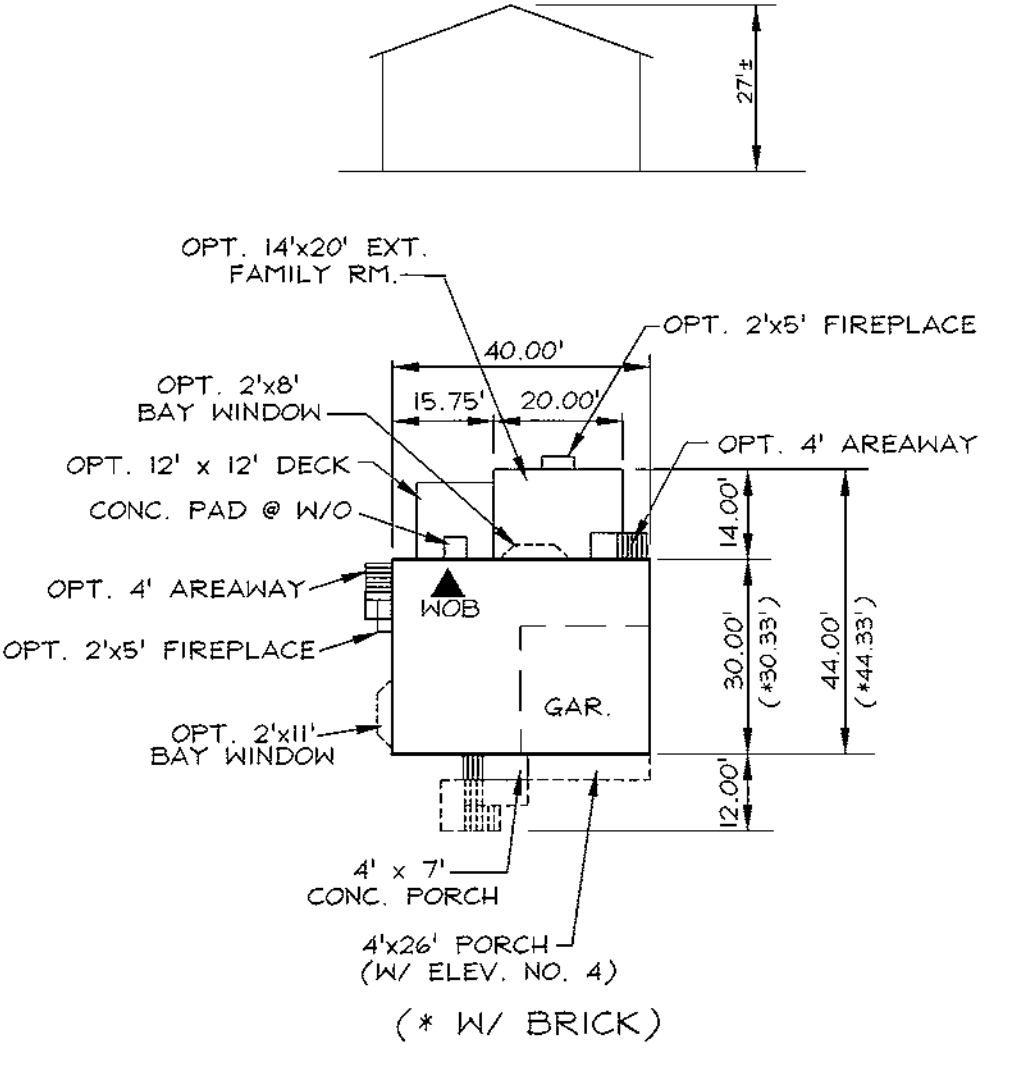
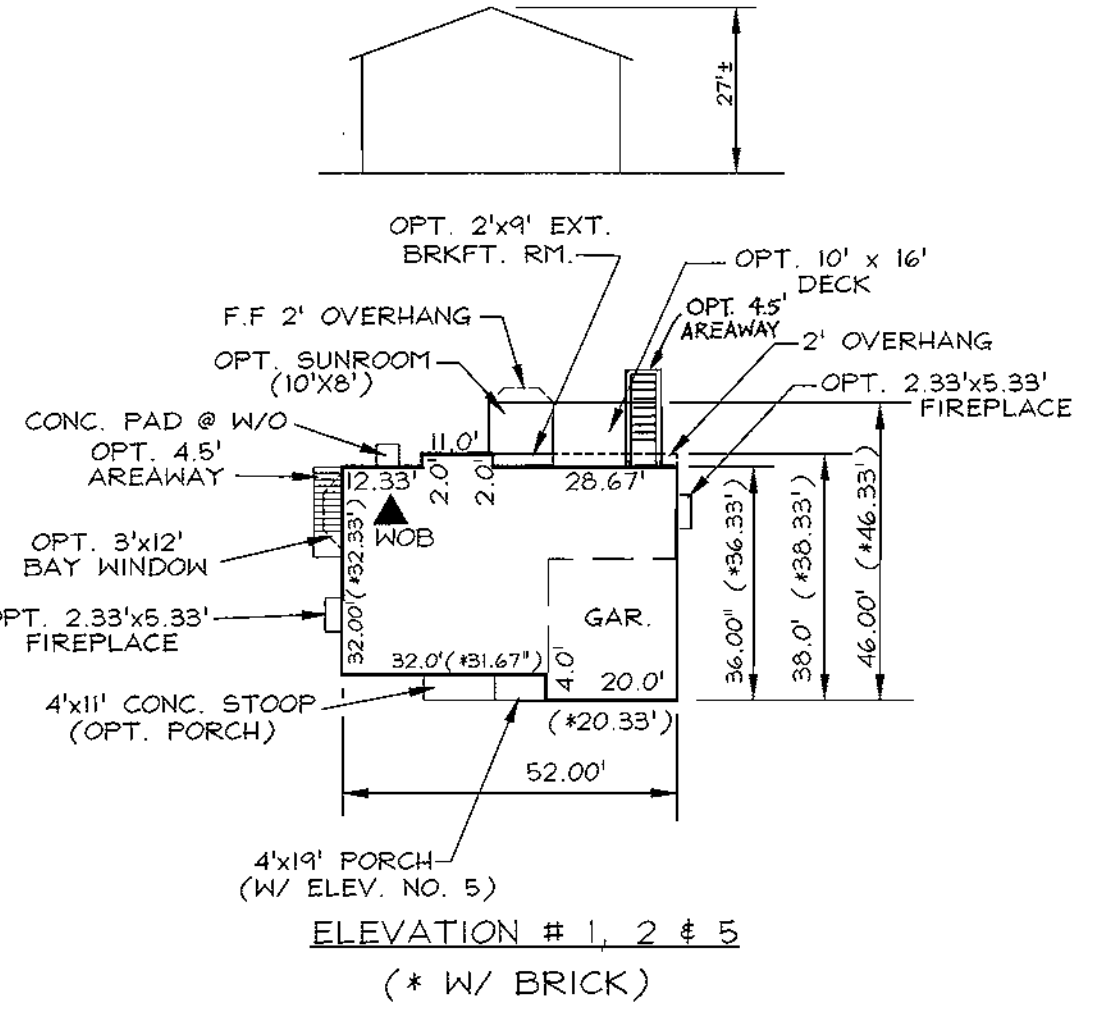
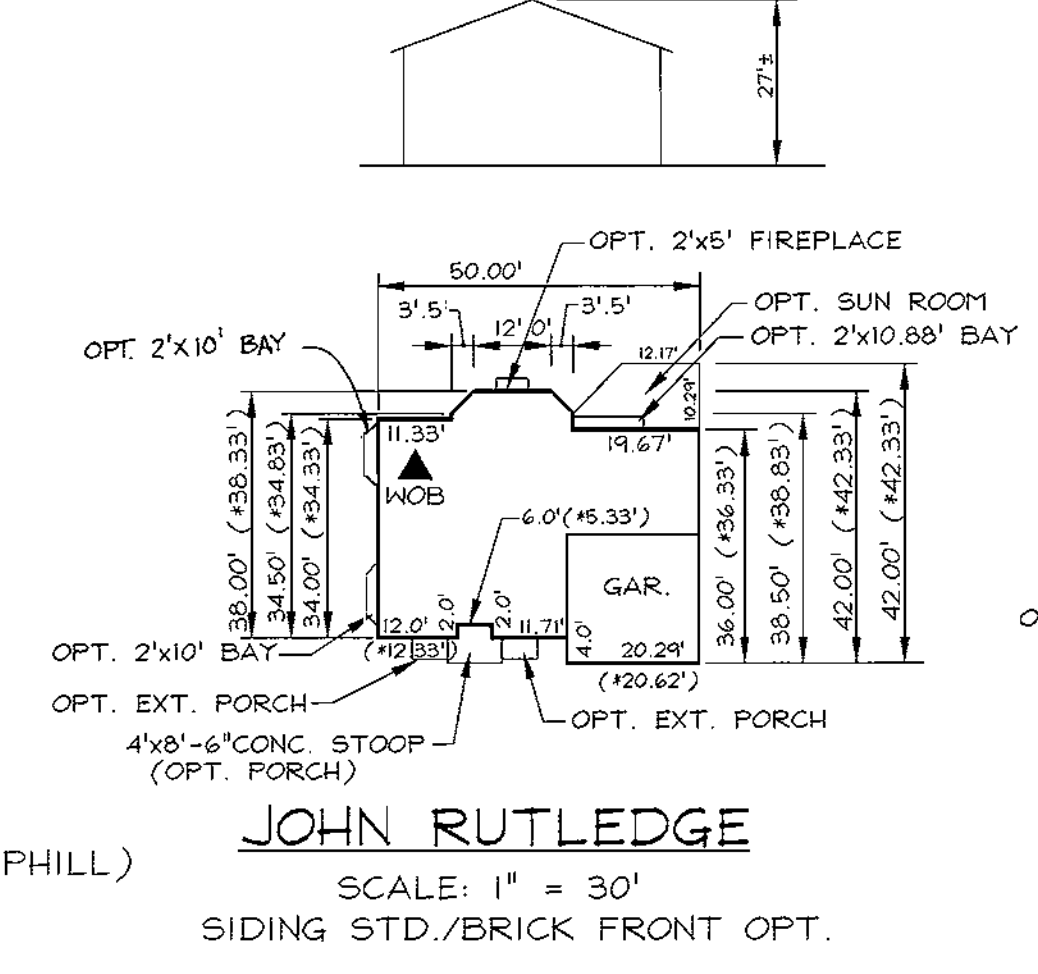
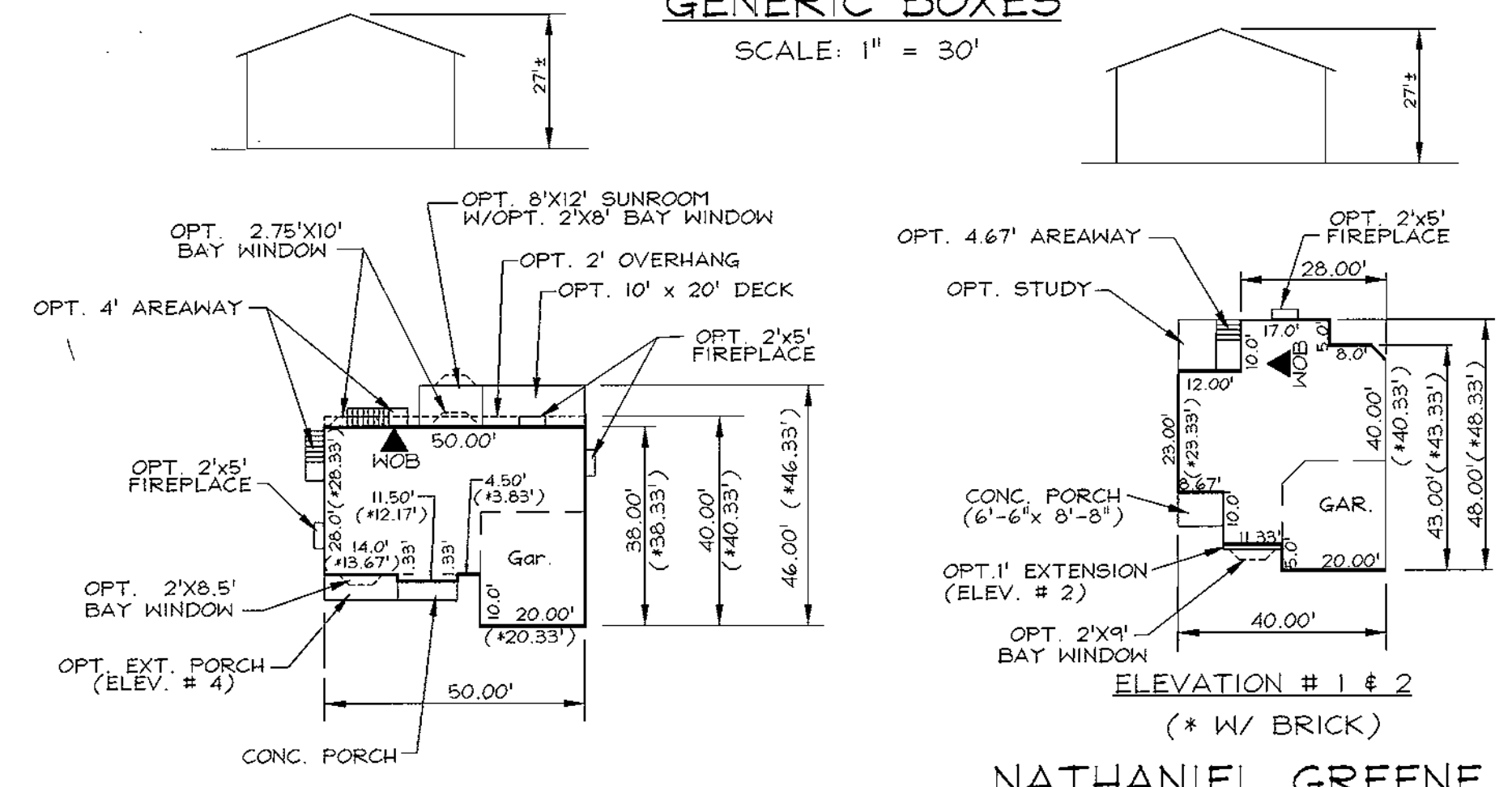
DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec '0, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

4 SHEET OF 12



**GENERIC BOXES**

SCALE: 1" = 30'



NO.	REVISION	DATE
8	ADD BENJAMIN BANNEKER TO BOX 'B'	6/5/02
4	ADD OPT BAY WINDOW TO JOHN RUTLEDGE	1/7/02
3	ADD OPT. AREAWAY TO FRANCIS SCOTT KEY	12/7/01
2	ADD PATRICK HENRY MODEL TO BOX 'C'	7/6/01
1	HOUSE TYPE REVISION - LOT 17	5/30/01

**SITE DEVELOPMENT PLAN**  
**HOUSE TYPE DETAILS**  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67, 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS/SURVEYORS/PLANNERS  
3391 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3986

DESIGN BY: GAH	OWNER/DEVELOPER
DRAWN BY: GAH	PATRIOT HOMES
CHECKED BY: RHY	5485 HARPERS FARM ROAD
DATE: Dec 18, 2000	COLUMBIA, MARYLAND 21044
SCALE: 1"=30'	PHONE: (410) 997-5522
W.O. NO.: 99-152	ATTN: CINDY HUNTZBERRY
10 SHEET OF 12	

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

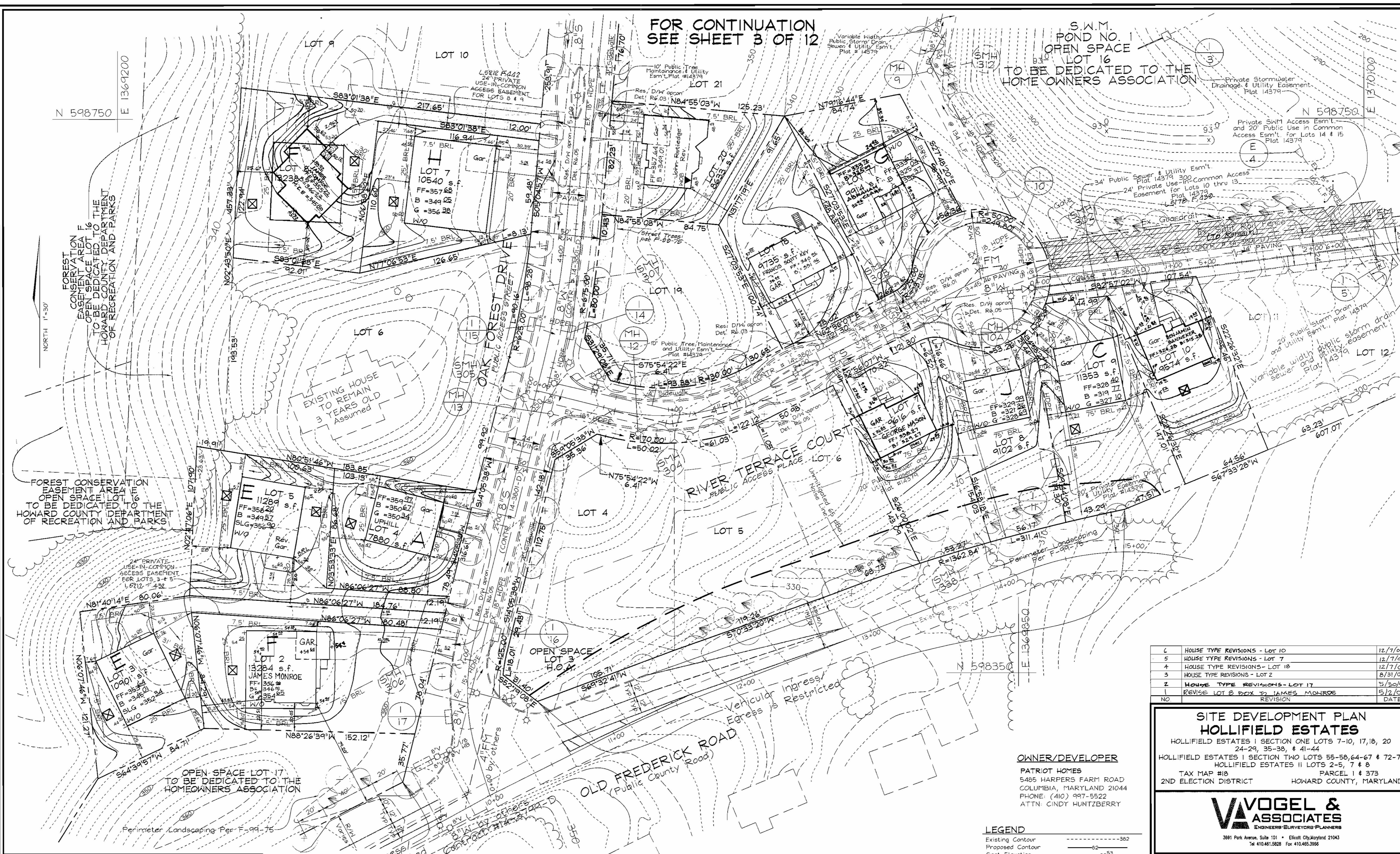
*John Damman* 1/17/01  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Wanda Hamaker* 1/25/01  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*James S. Smith* 1/26/01  
DIRECTOR DATE

FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 REC'D [Signature] 1/24/01  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
 [Signature] 1/25/01  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 [Signature] 1/27/01

OWNER/DEVELOPER  
 PATRIOT HOMES  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: (410) 997-5522  
 ATTN: CINDY HUNTZBERRY

LEGEND

Existing Contour	--- 382
Proposed Contour	--- 82
Spot Elevation	+82.5
Direction of Flow	→
Existing Trees to Remain	[Tree Symbol]
Light Poles	Post Top [Symbol] Overhead [Symbol]
Ex. Street Trees per F-99-75 & F-99-76	[Symbol]

6	HOUSE TYPE REVISIONS - LOT 10	12/7/01
5	HOUSE TYPE REVISIONS - LOT 7	12/7/01
4	HOUSE TYPE REVISIONS - LOT 18	12/7/01
3	HOUSE TYPE REVISIONS - LOT 2	8/31/01
2	HOUSE TYPE REVISIONS - LOT 17	5/30/01
1	REVISE LOT 2 BOX TO JAMES MONROE	5/2/01
NO	REVISION	DATE

**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
 HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
 24-29, 35-38, & 41-44  
 HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
 HOLLIFIELD ESTATES II LOTS 2-5, 7 & 8  
 TAX MAP #18 PARCEL 1 & 373  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**Vogel & Associates**  
 ENGINEERS-SURVEYORS-PLANNERS  
 3891 Park Avenue, Suite 101 • Elkott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH  
 DRAWN BY: TR/GAH  
 CHECKED BY: RHV  
 DATE: Dec. 18, 2000  
 SCALE: 1"=30'  
 W.O. NO.: 99-152

N 599800  
E 1369350

LANDSCAPE SCHEDULE				
KEY	QUAN.	BOTANICAL NAME	SIZE	CAT
AR	2	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B # B
PS	2	Pinus Strobus Eastern White Pine	6'-8' Ht.	B # B

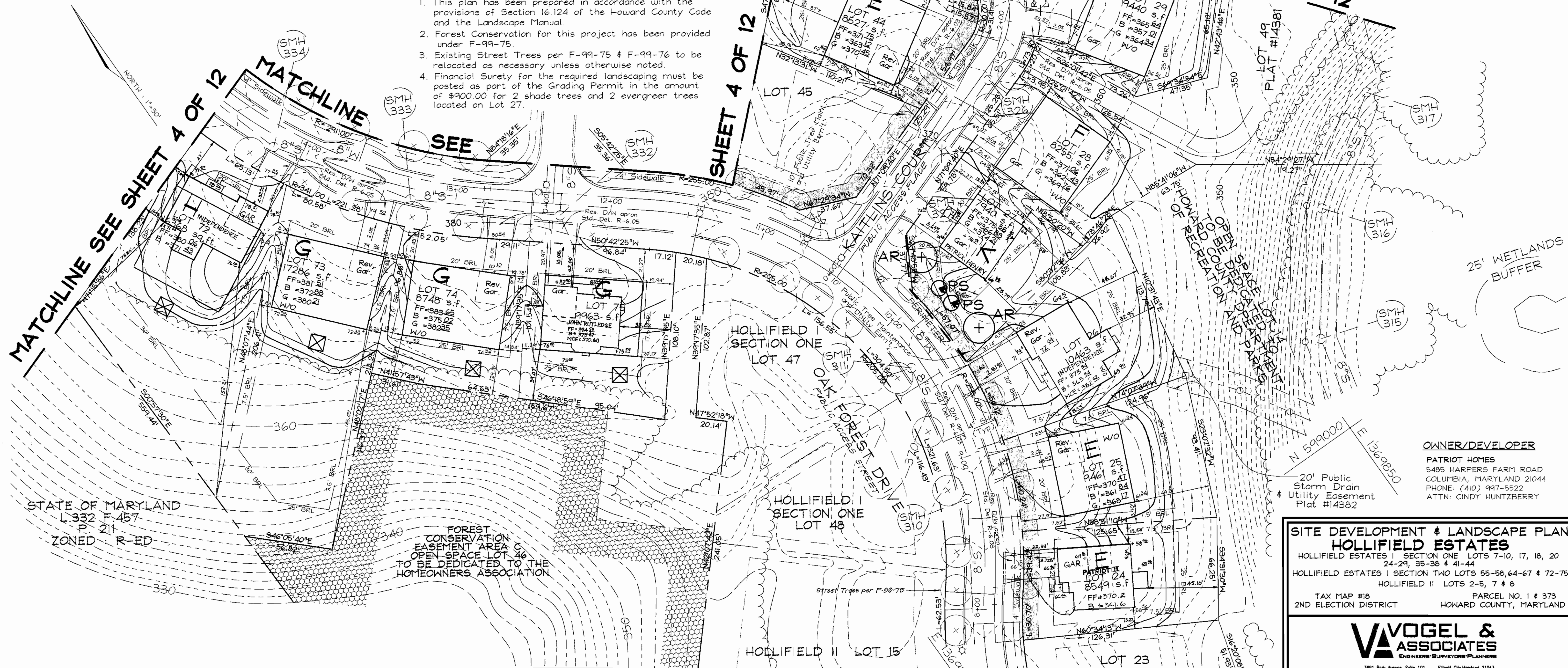
SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJACENT TO ROADWAYS		
Perimeter/Frontage Designation	I	-	-
Landscape Type	B	-	-
Linear Feet of Roadway Frontage/Perimeter	95	-	-
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs			
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution)	1	-	-
Shrubs (10:1 Substitution)	1	-	-
Describe Plant Substitution Credits Below if needed.			

**GENERAL NOTES**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
- Forest Conservation for this project has been provided under F-99-75.
- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

**LEGEND**

Existing Contour	---382
Proposed Contour	---382
Spot Elevation	+82.53
Direction of Flow	→
Existing Trees to Remain	
Light Poles	Post Top  Overhead
Shade Trees	AR
Evergreen Trees	PS
Perimeter Landscape Edge	--- PERIMETER 1' ---
Ex. Street Trees per F-99-75 & F-99-76	



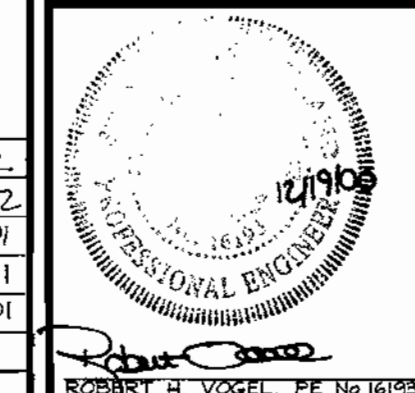
STATE OF MARYLAND  
L.332 F.457  
P. 211  
ZONED R-ED

FOREST CONSERVATION EASEMENT AREA C  
OPEN SPACE LOT 46  
TO BE DEDICATED TO THE HOMEOWNERS ASSOCIATION

**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

**SITE DEVELOPMENT & LANDSCAPE PLAN  
HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
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TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS-SURVEYORS-PLANNERS  
3891 Park Avenue, Suite 101 Ellicott City, Maryland 21043  
Tel 410.461.8828 Fax 410.465.9986



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec. 18, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152  
3 SHEET OF 12

**FOR CONTINUATION  
SEE SHEET 2 OF 12**

NO.	REVISION	DATE
6	REVISE FIRST FLOOR ELEVATION LOT 24	2.8.02.
5	HOUSE TYPE REVISIONS - LOT 24	1.07.02
4	HOUSE TYPE REVISIONS - LOT 26	11/21/01
3	HOUSE TYPE REVISIONS - LOT 27	10/11/01
2	HOUSE TYPE REVISIONS - LOT 24	10/11/01
1	HOUSE TYPE REVISIONS - LOT 75	8/31/01

**DEVELOPER'S BUILDER'S CERTIFICATE**  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

John R. Mite  
SIGNATURE OF DEVELOPER  
12-18-00  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

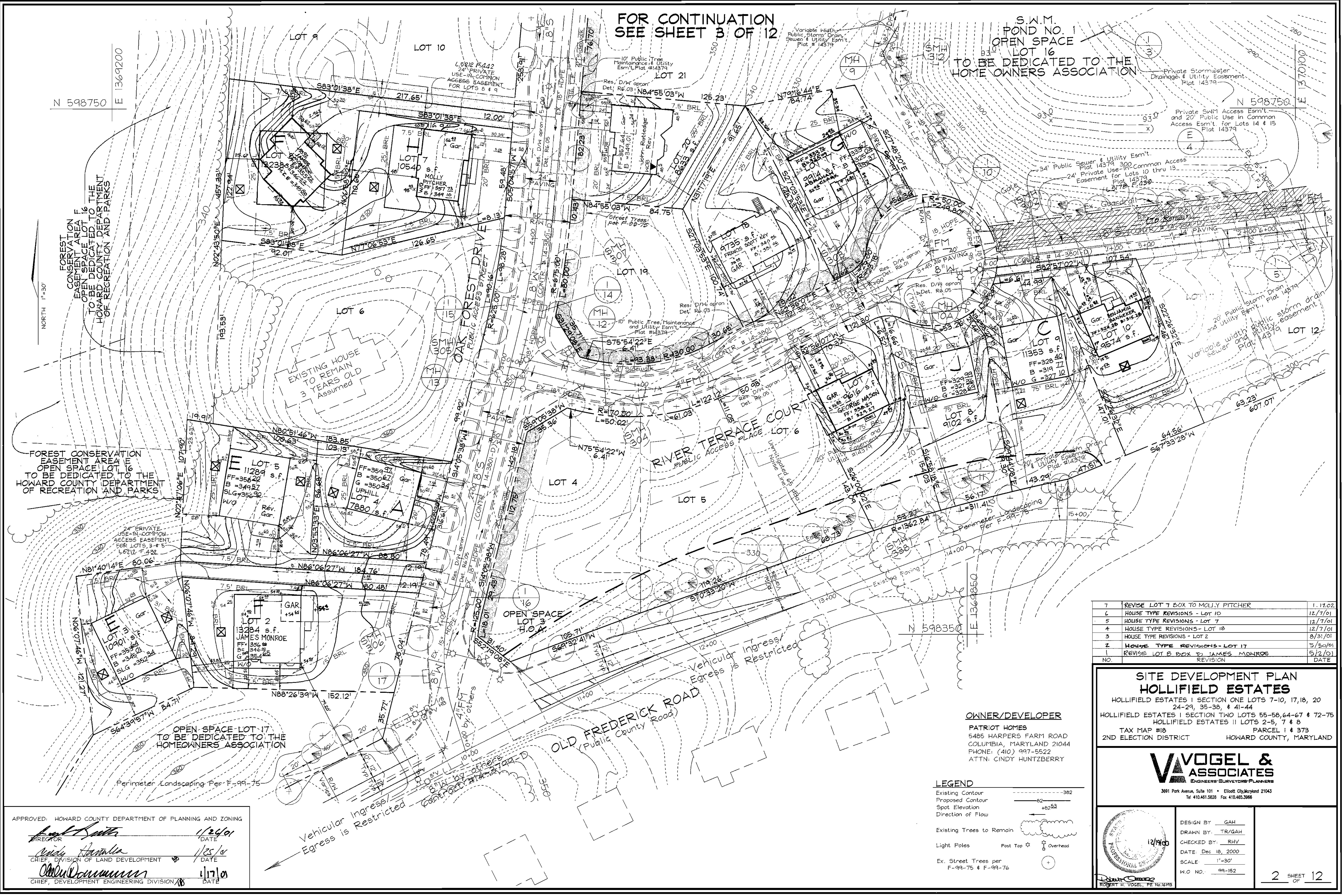
Joseph K. Butler  
DIRECTOR  
11/26/01  
DATE

Cindy Ameller  
CHIEF, DIVISION OF LAND DEVELOPMENT  
1/25/01  
DATE

Alan Dammann  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
1/17/01  
DATE

FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



7	REVISE LOT 7 BOX TO MOLLY PITCHER	1.17.02
6	HOUSE TYPE REVISIONS - LOT 10	12/7/01
5	HOUSE TYPE REVISIONS - LOT 7	12/7/01
4	HOUSE TYPE REVISIONS - LOT 18	12/7/01
3	HOUSE TYPE REVISIONS - LOT 2	8/31/01
2	HOUSE TYPE REVISIONS - LOT 17	5/30/01
1	REVISE LOT 8 BOX TO JAMES MONROE	5/2/01
NO.	REVISION	DATE

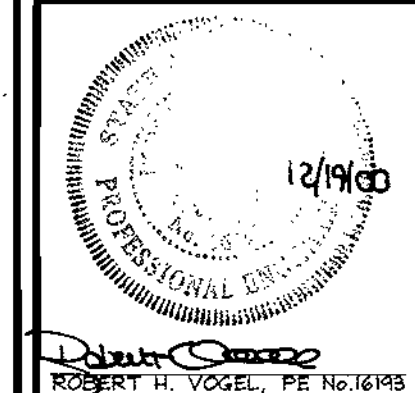
**SITE DEVELOPMENT PLAN**  
**HOLLIFIELD ESTATES**  
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**OWNER/DEVELOPER**  
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COLUMBIA, MARYLAND 21044  
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ENGINEERS-SURVEYORS-PLANNERS  
3691 Park Avenue, Suite 101 • Elliott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

**LEGEND**

Existing Contour	---	382
Proposed Contour	---	82
Spot Elevation	+	+82.82
Direction of Flow	→	
Existing Trees to Remain		
Light Poles	Post Top	Overhead
Ex. Street Trees per F-99-75 & F-99-76		



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHV  
DATE: Dec 18, 2000  
SCALE: 1"=30'  
H.O. NO.: 99-182

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

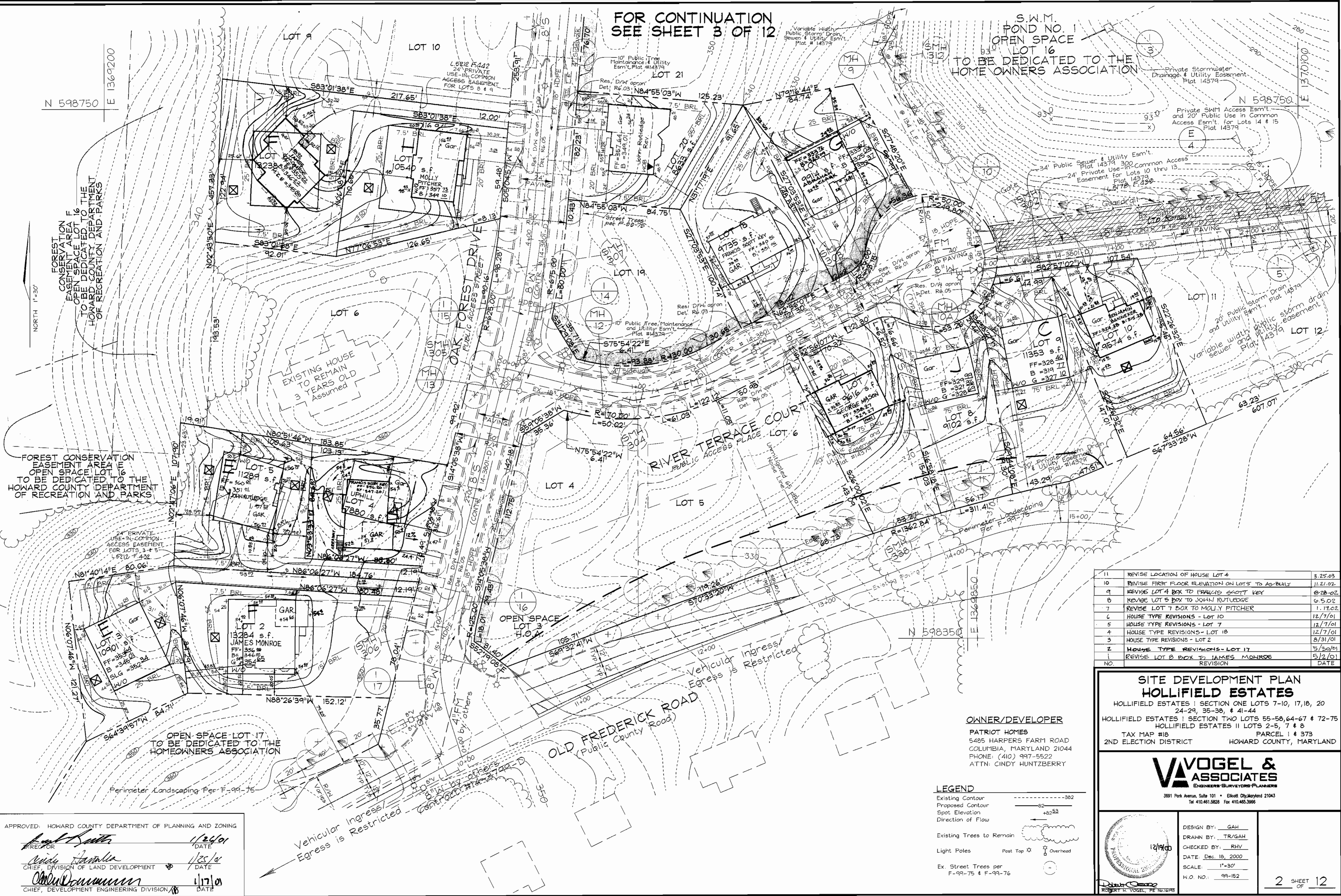
*[Signature]* 1/24/01  
DIRECTOR DATE

*[Signature]* 1/25/01  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*[Signature]* 1/17/01  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

FOR CONTINUATION  
SEE SHEET 3 OF 12

S.W.M.  
POND NO. 1  
OPEN SPACE  
LOT 16  
TO BE DEDICATED TO THE  
HOME OWNERS ASSOCIATION



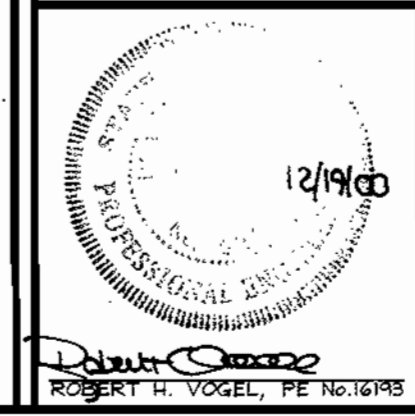
11	REVISE LOCATION OF HOUSE LOT 4	3.25.03
10	REVISE FIRST FLOOR ELEVATION ON LOTS 7 TO 10 AS-BUILT	11.21.02
9	REVISE LOT 4 BOX TO FRANCIS SCOTT KEY	07.20.02
8	REVISE LOT 5 BOX TO JOHN RUTLEDGE	06.50.02
7	REVISE LOT 7 BOX TO MOLLY PITCHER	11.17.02
6	HOUSE TYPE REVISIONS - LOT 10	12/7/01
5	HOUSE TYPE REVISIONS - LOT 7	12/7/01
4	HOUSE TYPE REVISIONS - LOT 18	12/7/01
3	HOUSE TYPE REVISIONS - LOT 2	03/31/01
2	HOUSE TYPE REVISIONS - LOT 17	5/20/01
1	REVISE LOT 8 BOX TO JAMES MONROE	5/2/01
NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN  
HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38, # 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 # 72-75  
HOLLIFIELD ESTATES II LOTS 2-5, 7 # 8  
TAX MAP #18 PARCEL # 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**OWNER/DEVELOPER**  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
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PHONE: (410) 997-5522  
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**VOGEL &  
ASSOCIATES**  
ENGINEERS/SURVEYORS/PLANNERS

3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.9828 Fax 410.465.3966



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHY  
DATE: Dec. 19, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

2 SHEET OF 12

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
  
DIRECTOR 1/26/01 DATE  
  
CHIEF, DIVISION OF LAND DEVELOPMENT 1/25/01 DATE  
  
CHIEF, DEVELOPMENT ENGINEERING DIVISION 1/17/01 DATE

**LEGEND**  
Existing Contour ---382  
Proposed Contour ---32  
Spot Elevation +82.23  
Direction of Flow  
Existing Trees to Remain  
Light Poles Post Top Overhead  
Ex. Street Trees per F-99-75 & F-99-76

SCHEDULE A  
PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO ROADWAYS		
Perimeter/Frontage Designation	1	-	-
Landscape Type	B	-	-
Linear Feet of Roadway	95	-	-
Frontage/Perimeter			
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	-	-
Number of Plants Required			
Shade Trees	1:50	2	-
Evergreen Trees	1:40	2	-
Shrubs			
Number of Plants Provided			
Shade Trees	2	-	-
Evergreen Trees	2	-	-
Other Trees (2:1 Substitution) Shrubs (10:1 Substitution) Describe Plant Substitution Credits Below if needed)	-	-	-

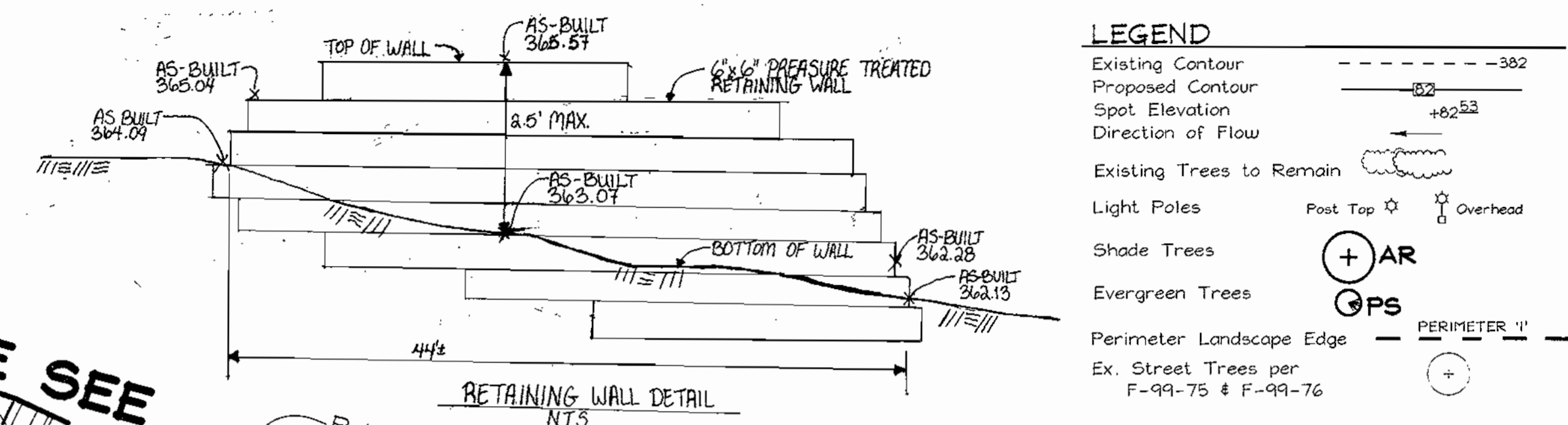
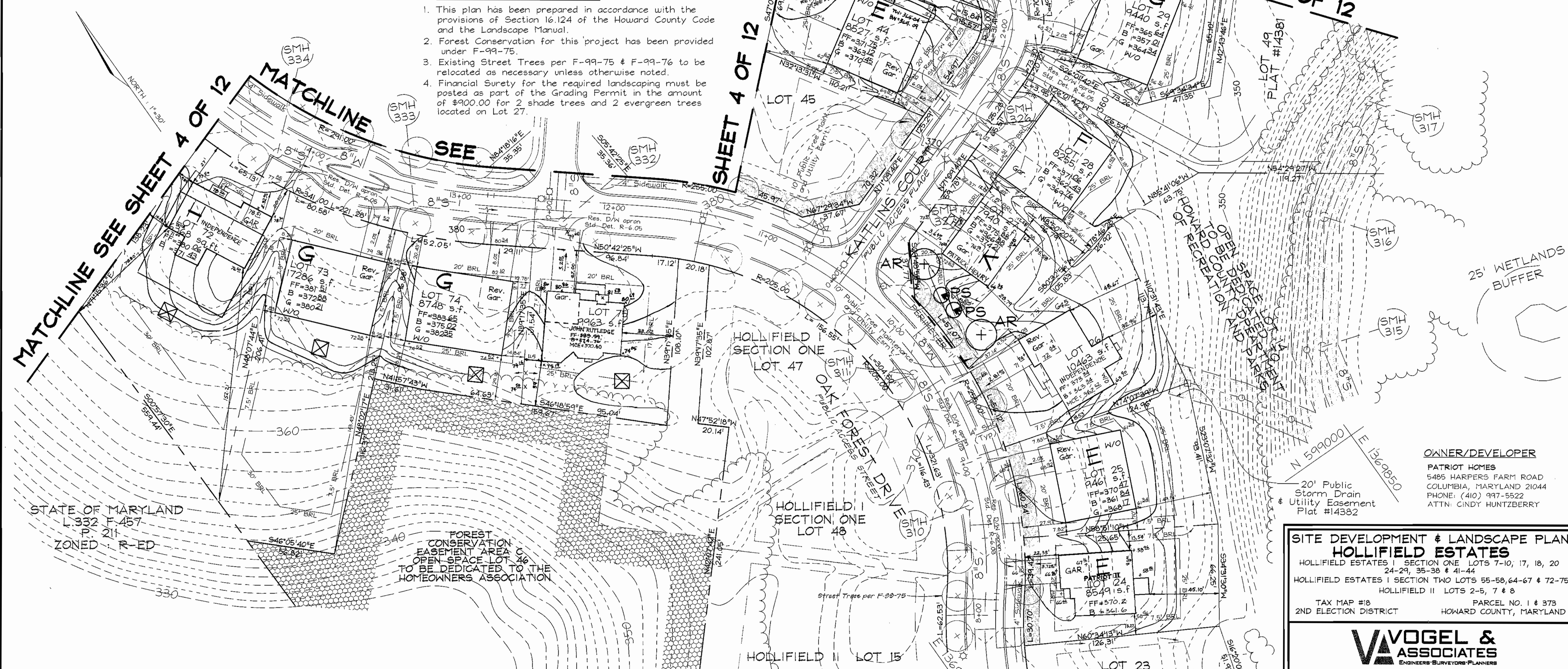
GENERAL NOTES

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
- Forest Conservation for this project has been provided under F-99-75.
- Existing Street Trees per F-99-75 & F-99-76 to be relocated as necessary unless otherwise noted.
- Financial Surety for the required landscaping must be posted as part of the Grading Permit in the amount of \$900.00 for 2 shade trees and 2 evergreen trees located on Lot 27.

LANDSCAPE SCHEDULE

KEY	QUAN.	BOTANICAL NAME	SIZE	CAT
AR	2	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B & B
PS	2	Pinus Strobus Eastern White Pine	6'-8' Ht.	B & B

N 599800  
E 1369850



LEGEND

Existing Contour	---	+382
Proposed Contour	---	+62.52
Spot Elevation	○	
Direction of Flow	→	
Existing Trees to Remain	○	
Light Poles	○	Post Top / Overhead
Shade Trees	⊕	AR
Evergreen Trees	⊕	PS
Perimeter Landscape Edge	---	PERIMETER '1'
Ex. Street Trees per F-99-75 & F-99-76	○	

SEE

SHEET 4 OF 12

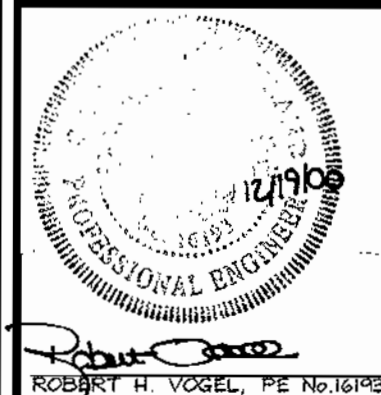
MATCHLINE SEE

SHEET 5 OF 12

OWNER/DEVELOPER  
PATRIOT HOMES  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
PHONE: (410) 997-5522  
ATTN: CINDY HUNTZBERRY

SITE DEVELOPMENT & LANDSCAPE PLAN  
**HOLLIFIELD ESTATES**  
HOLLIFIELD ESTATES I SECTION ONE LOTS 7-10, 17, 18, 20  
24-29, 35-38 & 41-44  
HOLLIFIELD ESTATES I SECTION TWO LOTS 55-58, 64-67 & 72-75  
HOLLIFIELD II LOTS 2-5, 7 & 8  
TAX MAP #18 PARCEL NO. 1 & 373  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS  
3891 Park Avenue, Suite 101 Ellicott City, Maryland 21043  
Tel 410.461.8828 Fax 410.465.3986



DESIGN BY: GAH  
DRAWN BY: TR/GAH  
CHECKED BY: RHW  
DATE: Dec. 18, 2000  
SCALE: 1"=30'  
W.O. NO.: 99-152

3 SHEET OF 12

DEVELOPER'S BUILDER'S CERTIFICATE  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.  
Signature of Developer: Job R. White  
DATE: 12-18-00

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Director: Cindy Hamilla  
DATE: 1/25/01  
Chief, Division of Land Development  
Date: 1/17/01  
Chief, Development Engineering Division

FOR CONTINUATION  
SEE SHEET 2 OF 12

NO.	REVISION	DATE	NO.	REVISION	DATE
6	REVISE FIRST FLOOR ELEVATION LOT 24	2.8.02	1	HOUSE TYPE REVISIONS - LOT 24	11/14/02
5	HOUSE TYPE REVISIONS - LOT 22	1.07.02	2	ADD RETAINING WALL TO LOTS 43 AND 44	2.10.02
4	HOUSE TYPE REVISION - LOT 26	11/21/01	3	HOUSE TYPE REVISIONS - LOT 27	2.15.02
3	HOUSE TYPE REVISIONS - LOT 24	10/11/01	4	HOUSE TYPE REVISIONS - LOT 24	10/11/01
2	HOUSE TYPE REVISIONS - LOT 27	8/31/01			
1	HOUSE TYPE REVISIONS - LOT 75				