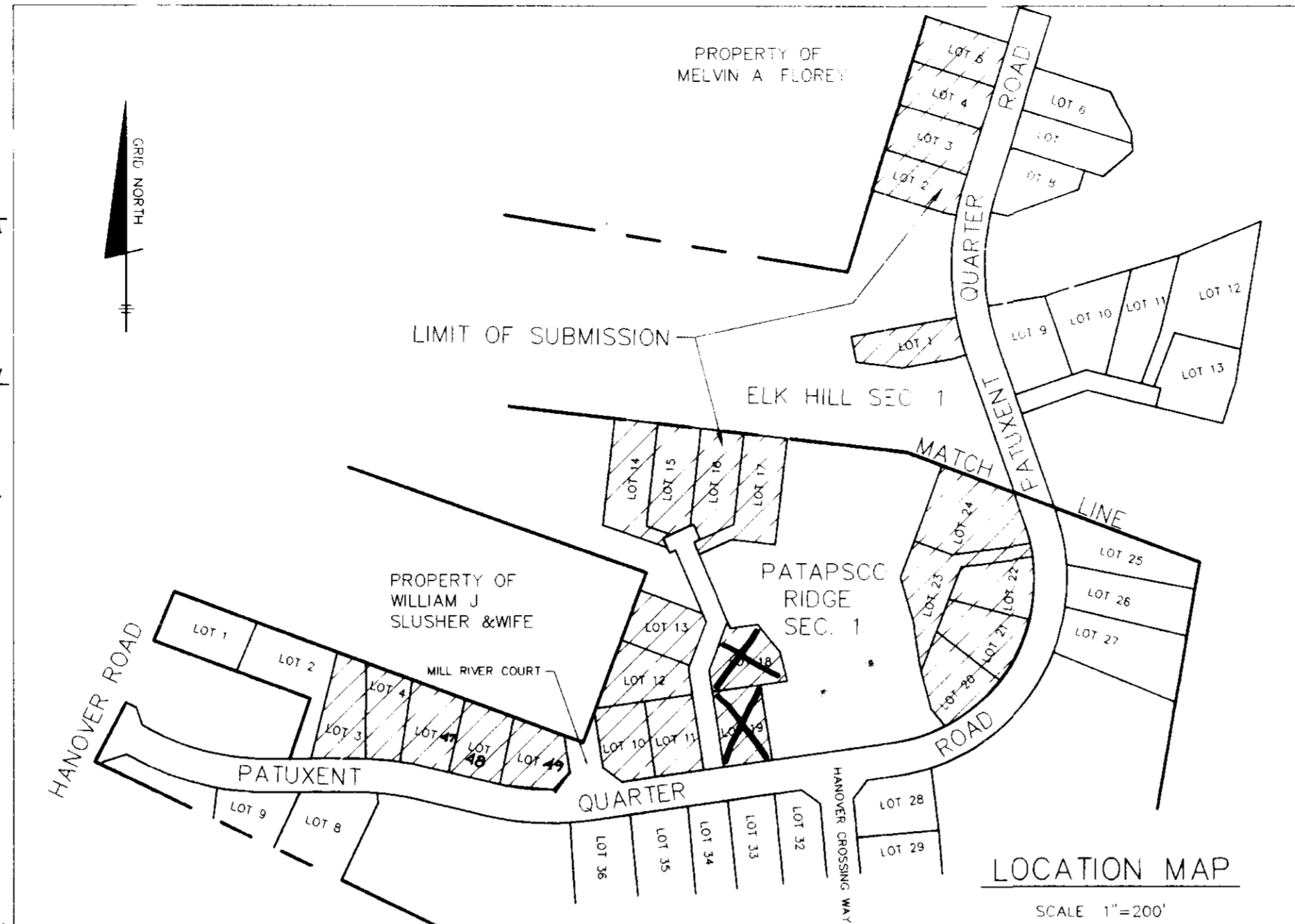
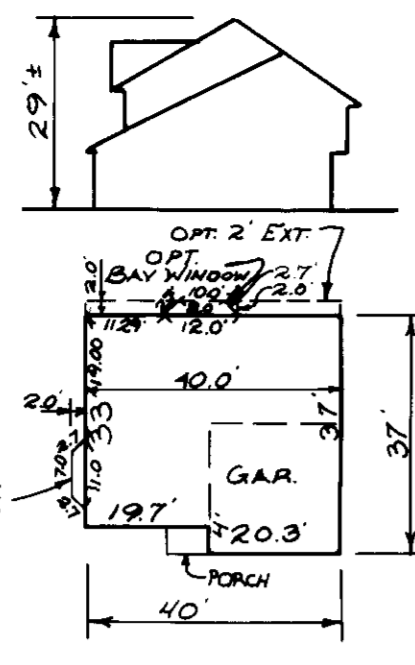


**GENERAL NOTES:**

- SUBJECT PROPERTY IS ZONED R-12 PER 10-18-93 COMPREHENSIVE ZONING PLAN
- THE TOTAL AREA INCLUDED IN THIS SUBMISSION IS 5.08 ACRES
- THE TOTAL NUMBER OF LOTS INCLUDED IN THIS SUBMISSION IS 23 TOTAL BUILDABLE LOTS ARE 18
- IMPROVEMENTS TO THE PROPERTY: SINGLE FAMILY DETACHED UTILITIES SHOWN AS EXISTING ARE TAKEN FROM APPROVED WATER AND SEWER PLAN CONTRACT #14-3281-D, #14-3192-D, AND #649-S, AND APPROVED ROAD CONSTRUCTION PLANS F-92-25 AND F-93-99
- ANY DAMAGE TO THE COUNTY/STATE OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S/BUILDER'S EXPENSE
- THE EXISTING TOPOGRAPHY WAS TAKEN FROM ROAD CONSTRUCTION PLANS F-92-25 AND F-93-99 PREPARED BY TSA GROUP, INC. DATED SEPT. 1990
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON MARYLAND GRID SYSTEM NAD-27 - HOWARD COUNTY MONUMENT NOS. 2447002 AND 2447003
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING (CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 24 HOURS PRIOR TO THE START OF WORK
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK
- THE CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES AND EASEMENTS PRIOR TO THE CONSTRUCTION
- FOR DRIVEWAY APRON DETAIL SEE HOWARD COUNTY DETAIL R-6.03.
- ALL ROADWAYS ARE PUBLIC AND EXISTING
- NO WETLANDS EXISTS WITHIN THE LOTS OF THIS SUBMISSION
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT OF WAY LINE AND NOT TO THE FLAG OR PIPE STEM LOTS DRIVEWAY
- MAINTENANCE AGREEMENT FOR THE USE-IN-COMMON DRIVEWAY FOR PATAPSCO RIDGE LOTS 12-18 RECORDED ON PLAT #11313 IN LIBER 3300 AS FOLIO 878
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO THE RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - WIDTH: 12 (16 SERVING MORE THAN ONE RESIDENCE)
  - SURFACE: 6" OF COMPACT CRUSHER RUN BASE W/14" AND CHIP COATING
  - GEOMETRY: MAX. 15% DRIVEWAY GRADE MAX. 10% GRADE CHANGE
  - WHERE COMMON DRIVEWAYS ARE PROPOSED A HOUSE NUMBER SIGN SHALL BE PLACED AT EACH LOT ENTRANCE INDICATING THE RANGE OF STREET ADDRESS & HOUSE NUMBERS
- STORMWATER MANAGEMENT IS PROVIDED BY EXTENDED DETENTION AS APPROVED UNDER F-92-25 AND F-93-99
- FLOODPLAIN STUDY COMPLIED BY TSA GROUP, INC. DATED JUNE 1991 AND APPROVED UNDER F-92-25 AND F-93-99
- WETLAND DELINEATION WAS PERFORMED BY EXPLORATION RESEARCH INC., DATED SEPT. 1990
- NOISE STUDY WAS PERFORMED BY STAINO INC. DATED SEPT. 1990
- GEOTECHNICAL REPORT COMPILED BY ATEC ASSOC., INC. DATED OCTOBER 1990
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS. STREAM BUFFERS OR FOREST CONSERVATION AREAS
- STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY BUILDER AS APPROVED UNDER F-92-25 AND F-93-99
- PORCHES OR DECKS, OPEN OR ENCLOSED EXTERIOR STAIRWAYS CANNOT PROJECT MORE THAN 10' INTO THE REQUIRED FRONT OR REAR YARD SETBACK AREA
- ALL FIREPLACE CHIMNEYS, BAY WINDOWS, BALCONIES, EXTERIOR STAIRWAYS NOT MORE THAN 10 FEET IN WIDTH, MAY PROJECT NOT MORE THAN FOUR (4) FEET INTO ANY REQUIRED SETBACK AREA
- CONTRACTOR SHALL ADJUST ALL UTILITY APPURTENANCES TO FINISHED GRADE
- STAKEOUT OF BUILDING SHOWN HEREON SHALL BE BASED ON AN APPROVED SDP AND RECORDED RECORD PLATS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS & SPECIFICATIONS OF HOWARD COUNTY AND MSHA IF APPLICABLE.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.



**HOUSE MATRIX**

LOT #	PATRICK HENRY	GEORGE WASHINGTON	JOHN ADAMS	JOHN PAUL JONES
3	N	N	N	N
4	Y,2,7	Y,2,7	N	N
7	Y,2,3,7	Y,2,7,9	N	N
11	Y,2,3,7	Y,2,3,7	Y,2,3,7	N
12	Y,1,3,7	Y,1,3,7	Y,1,3,7	N
20	Y,1,3,7	Y,1,3,7	Y,1,3,7	N
23	N	N	N	N

LOT # 3  
Y,2,3  
4  
Y,2,3  
23  
Y,3,5

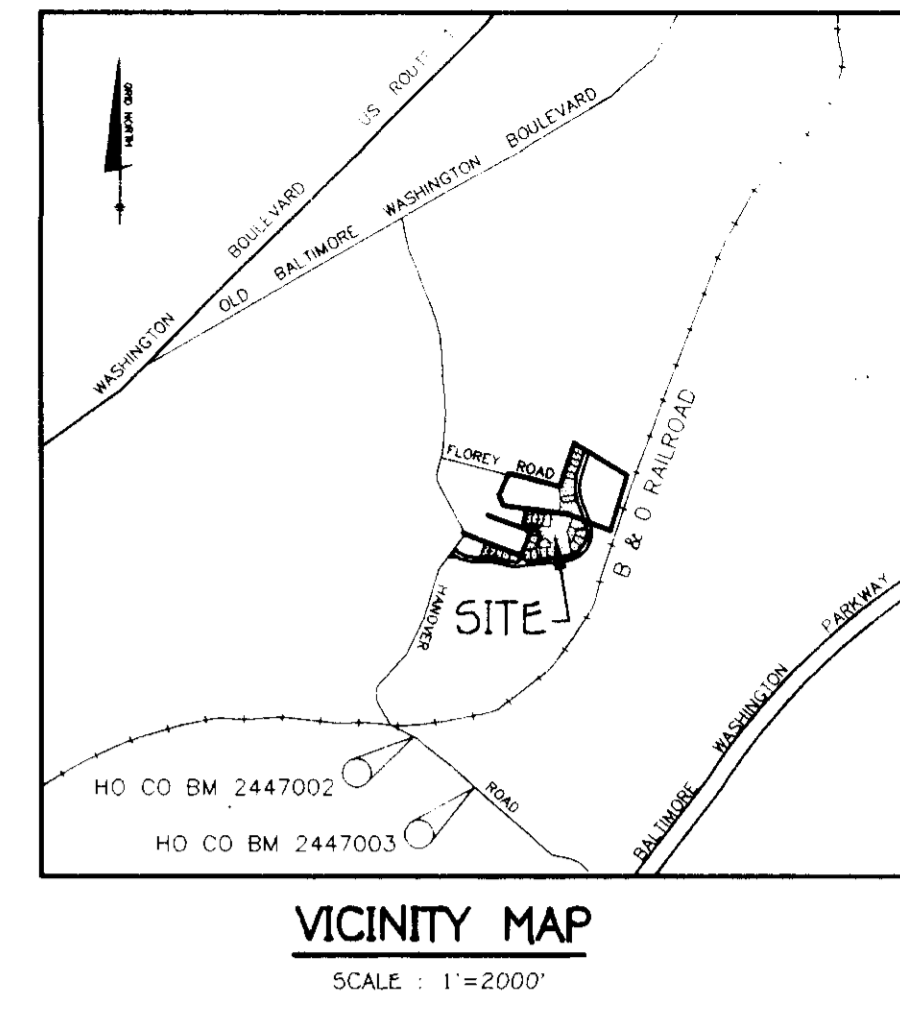
**MIN. CELLAR ELEVATION**

LOT NO	SHC INV. @ P.L.	MIN. CELLAR ELEV.
PATAPSCO RIDGE 3	137.80	141.20
4	131.60	136.30
47	129.40	133.90
48	127.10	131.30
49	124.60	128.50
10	114.33	118.30
11	108.25	112.20
12	107.70	111.80
13	108.60	112.60
14	126.10	141.50
15	126.95	141.50
16	137.00	141.50
17	133.40	138.70
20	84.11	87.90
21	84.98	89.00
22	85.62	89.00
23	86.18	91.70
24	86.95	91.60
ELK HILL 1	105.70	109.70
2	112.31	116.31
3	112.94	116.94
4	113.44	117.64
5	114.18	118.18

**BENCH MARKS**

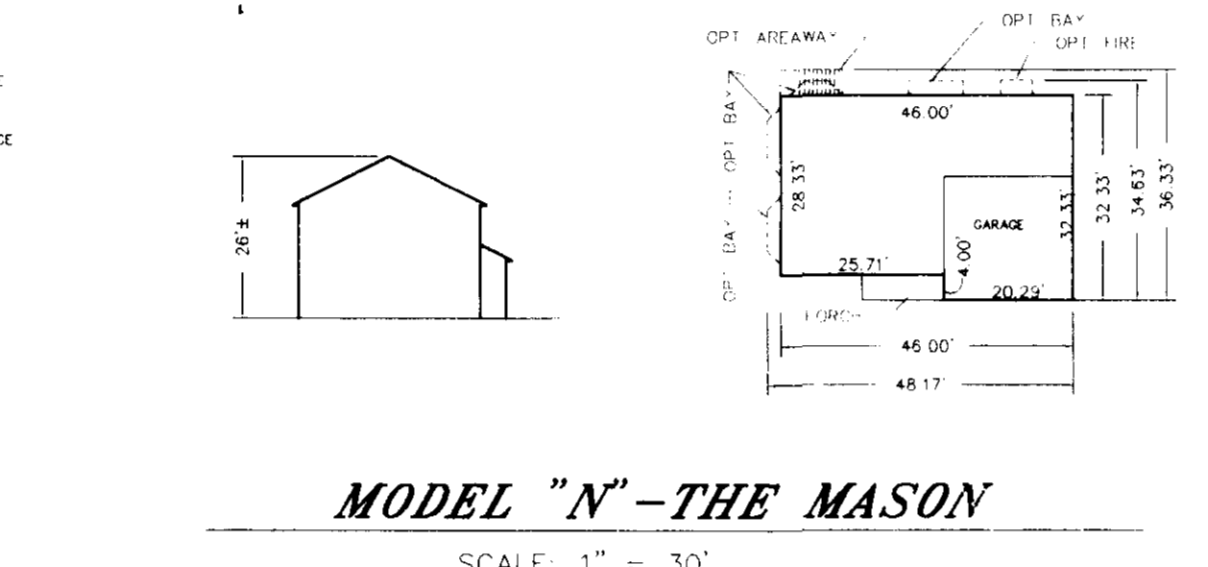
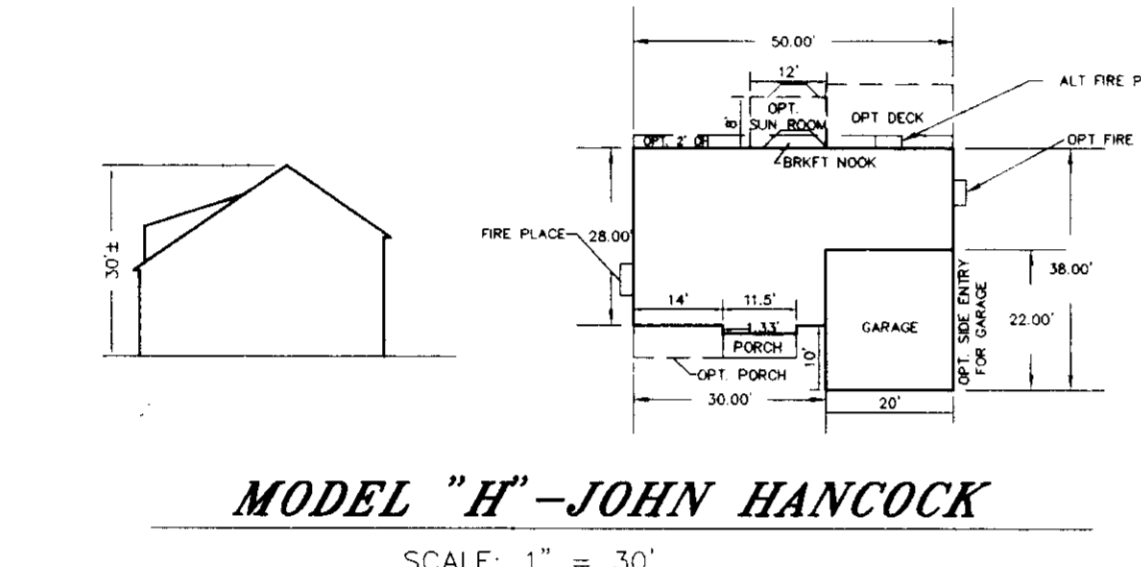
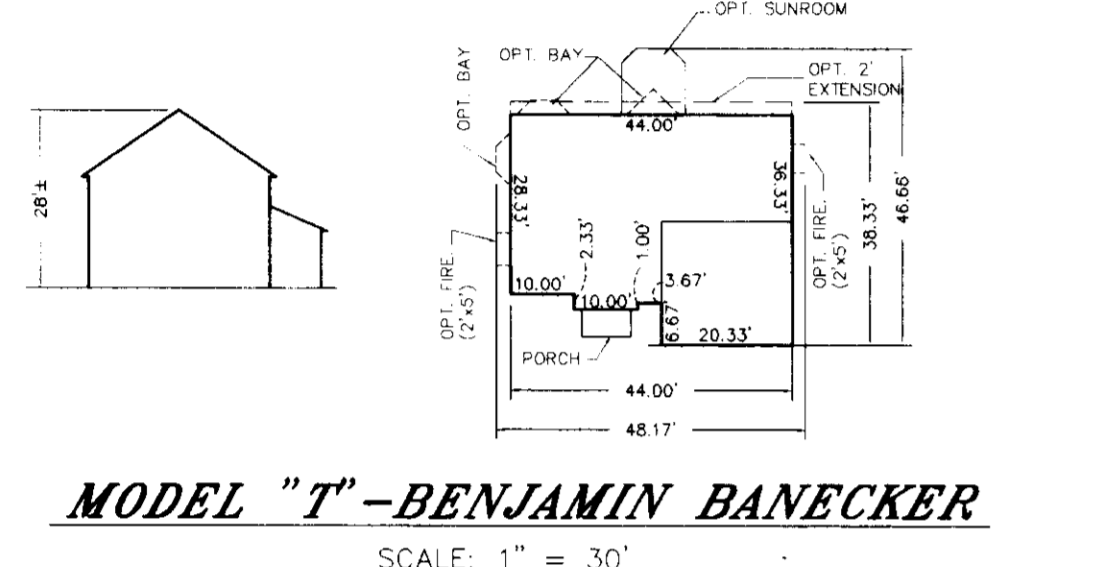
HO CO BM 2447002 ELEV 89.82  
N 43494 544 E 872629 658  
CONC. MONUMENT NE CORNER RR TRACKS  
AND HANOVER ROAD 0.3' BELOW SURFACE

HO CO BM 2447003 ELEV 46.266  
N 434376 047 E 873030 173  
CONC. MONUMENT 0.2' BELOW SURFACE NW  
SIDE HANOVER ROAD AND RACE ROAD



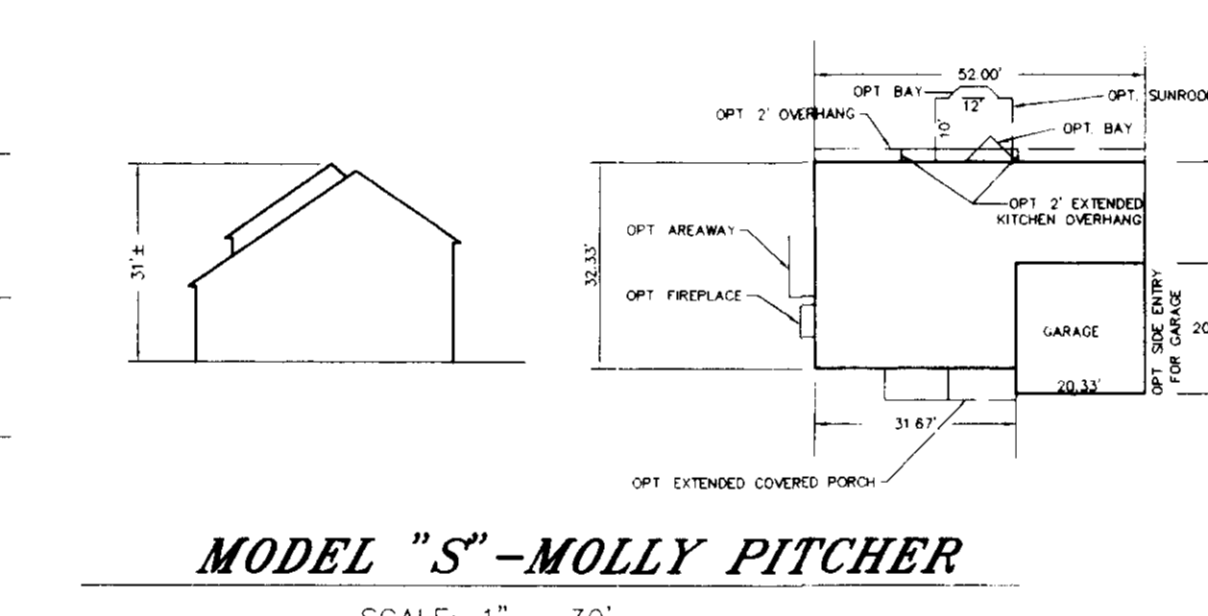
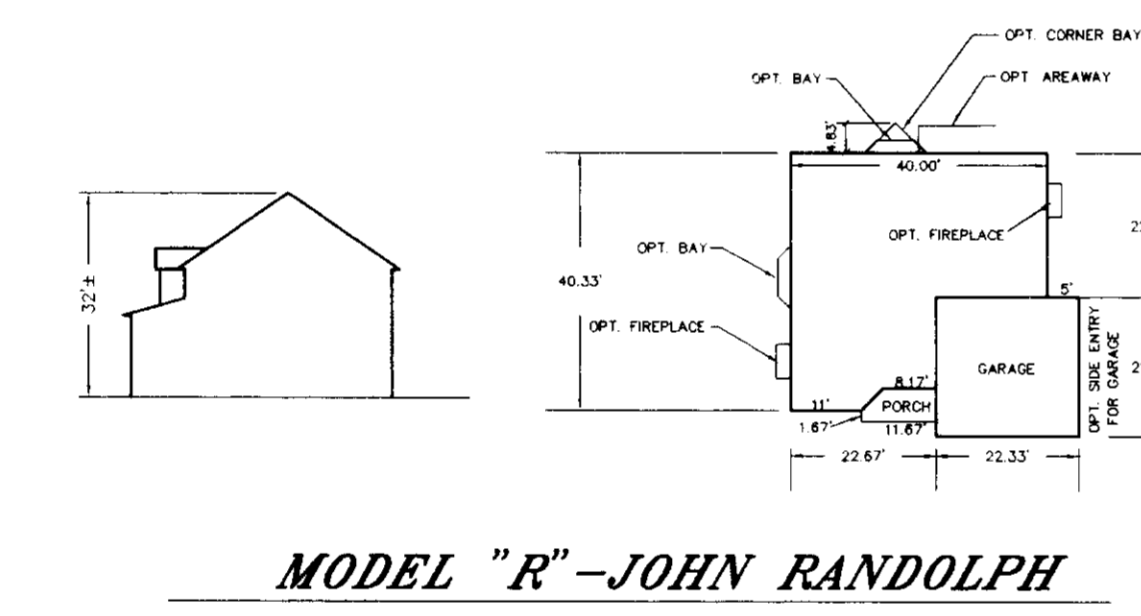
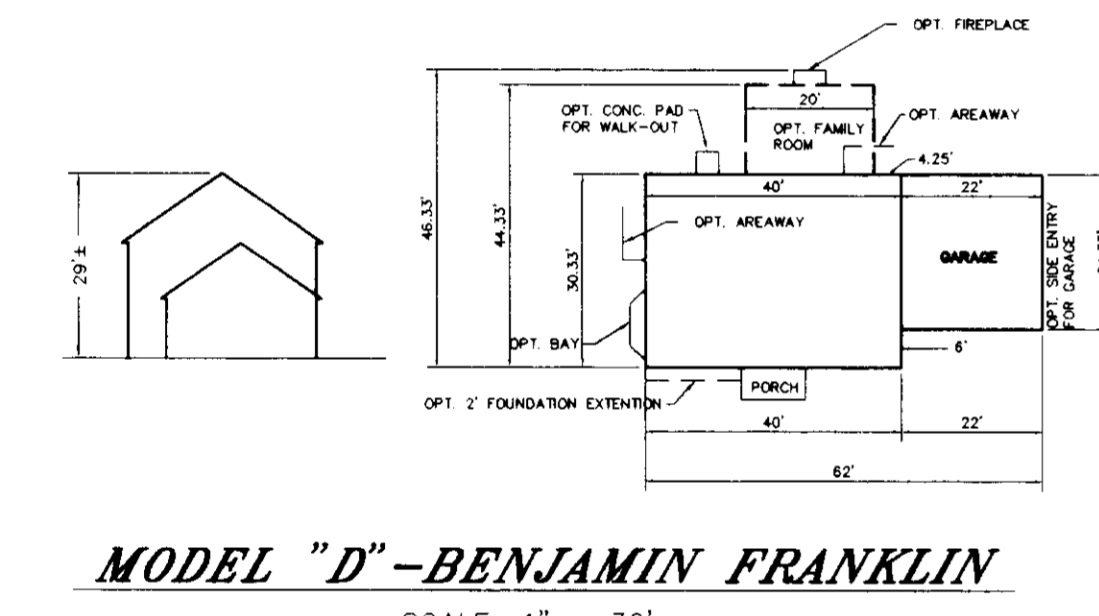
**MINIMUM LOT SIZE CHART**

LOT NO	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YR FLOODPLAIN	25% SLOPE	MINIMUM LOT SIZE
PATAPSCO RIDGE						
14	11,520 S.F.	680 S.F.	10,840 S.F.	0	0	10,840 S.F.
17	11,601 S.F.	1,114 S.F.	10,487 S.F.	0	0	10,487 S.F.
23	11,475 S.F.	2,193 S.F.	9,282 S.F.	0	0	9,282 S.F.



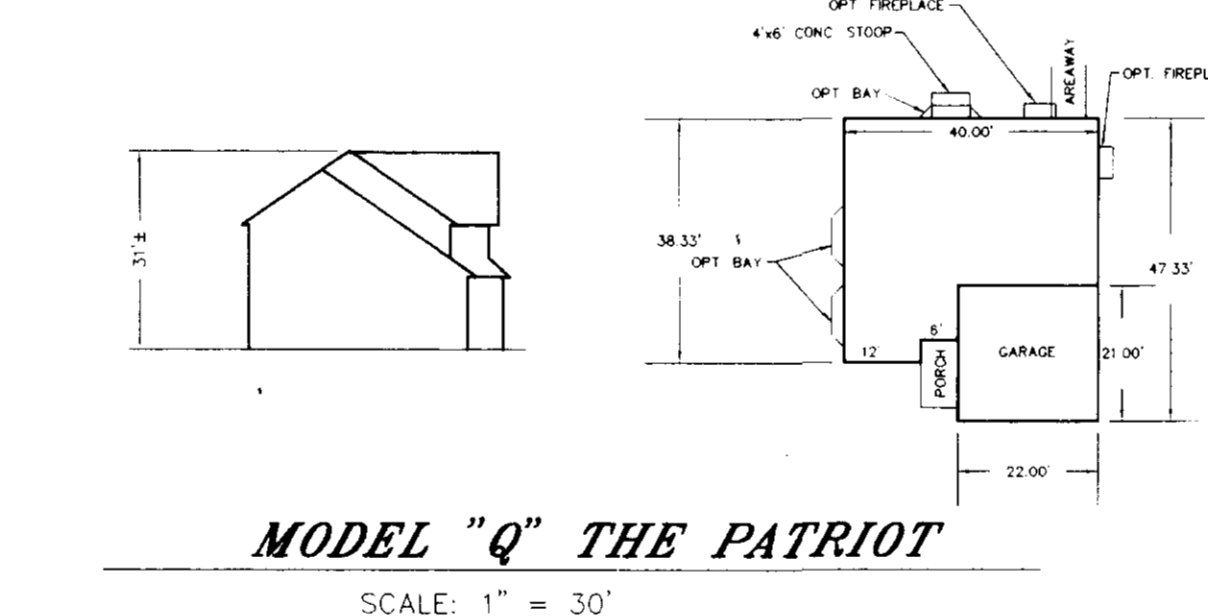
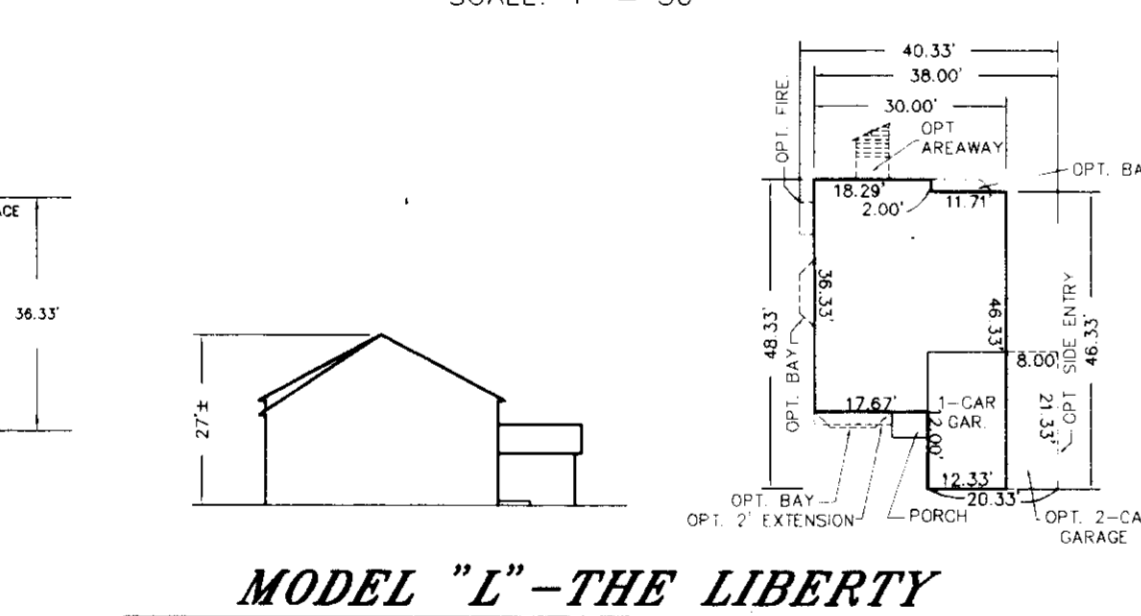
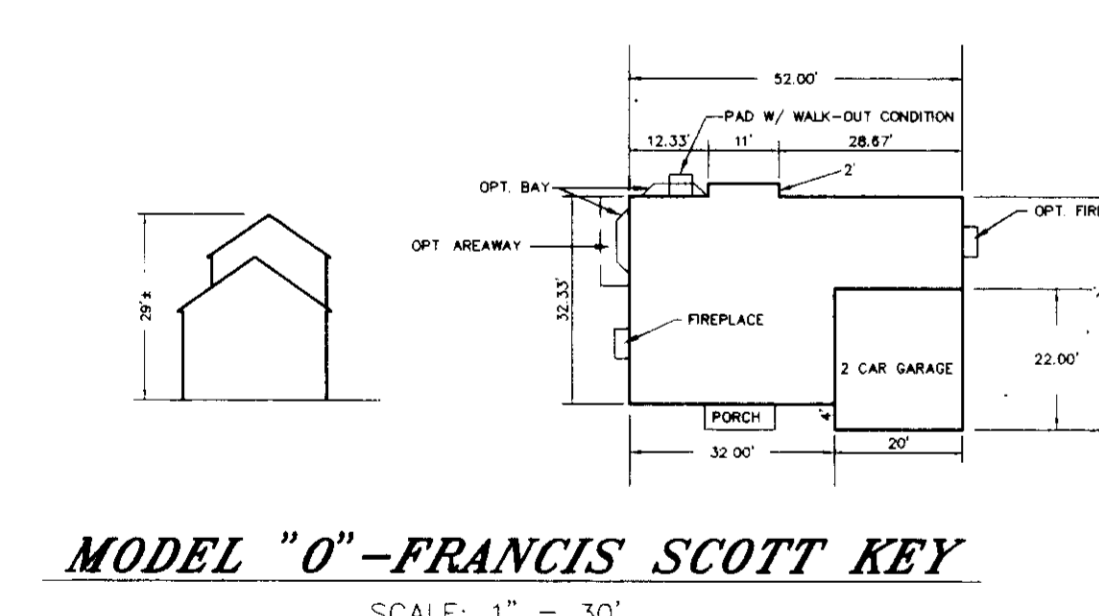
62'00"  
BEN BANECKER  
BEN FRANKLIN  
FRANCIS SCOTT KEY  
JOHN ADAMS  
JOHN HANCOCK  
JOHN RANDOLPH  
MARTHA WASHINGTON  
THE MASON  
MOLLY PITCHER

52'00"  
THOMAS JEFFERSON II  
BEN BANECKER  
FRANCIS SCOTT KEY  
JOHN ADAMS  
JOHN HANCOCK  
JOHN RANDOLPH  
MARTHA WASHINGTON  
THE MASON  
MOLLY PITCHER



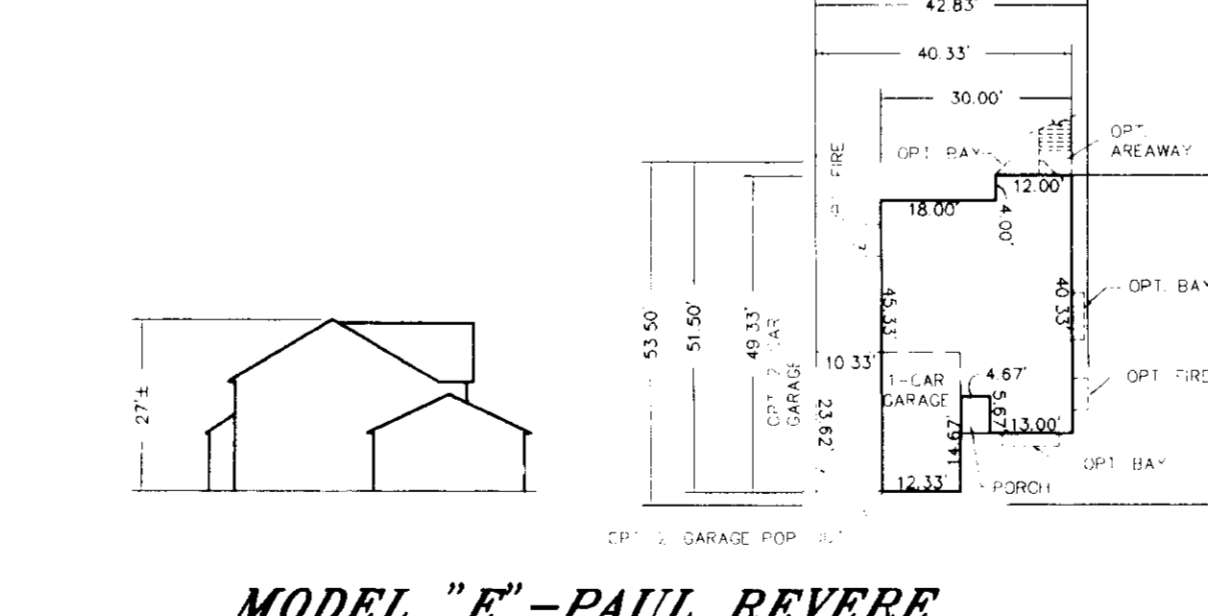
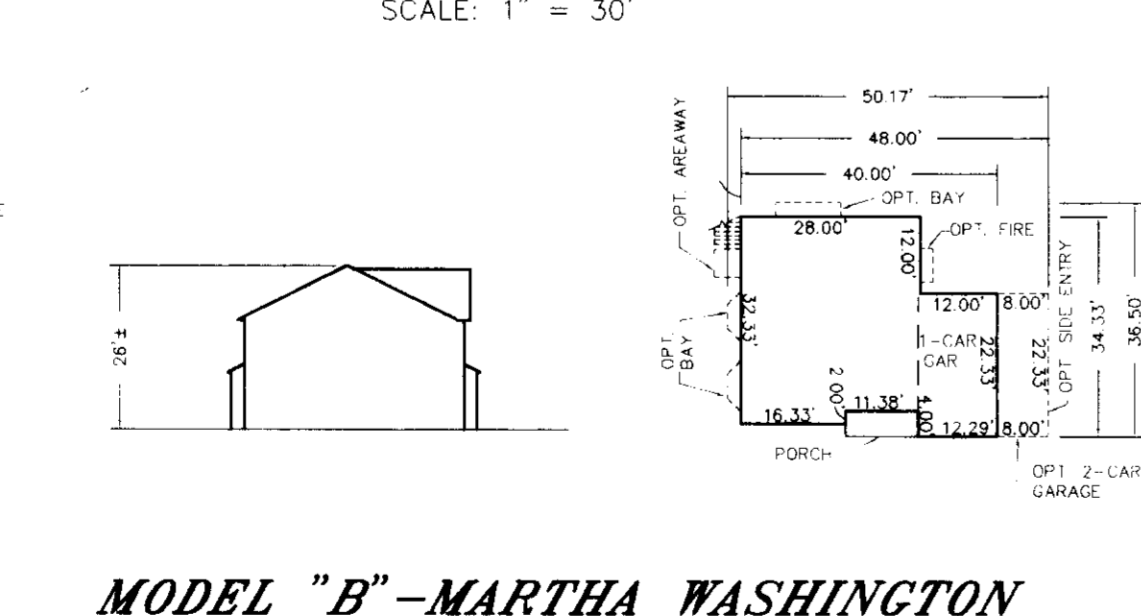
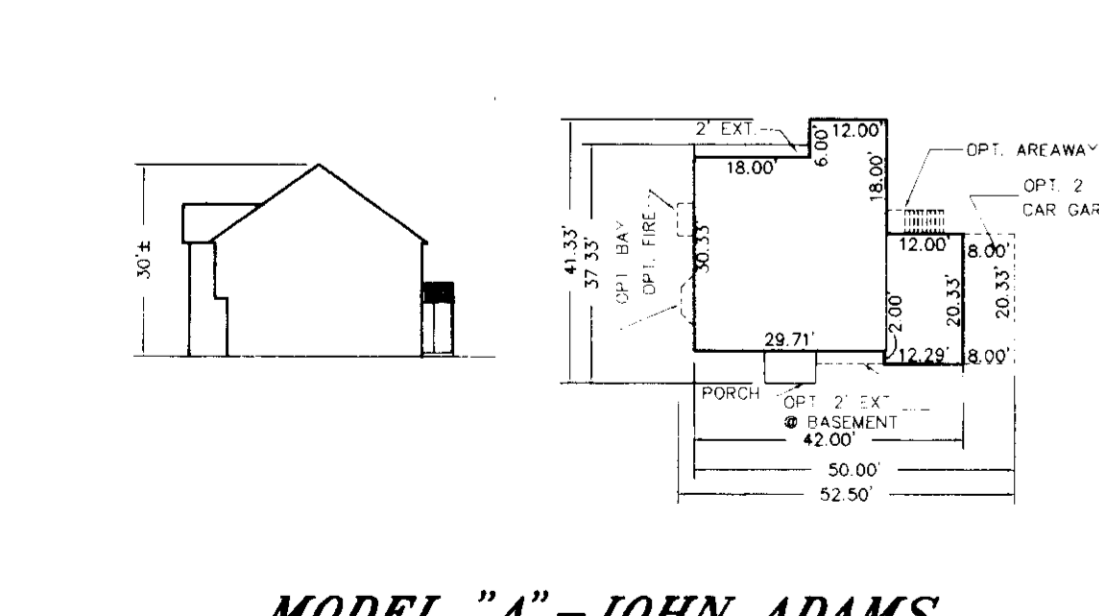
46'00"  
GEORGE WASHINGTON  
BEN BANECKER  
JOHN ADAMS  
JOHN RANDOLPH  
MARTHA WASHINGTON  
THE MASON  
PATRICK HENRY  
THOMAS JEFFERSON II

45'00"  
GEORGE WASHINGTON  
BEN BANECKER  
JOHN ADAMS  
JOHN RANDOLPH  
LIBERTY  
MARTHA WASHINGTON  
PATRIOT  
JOHN PAUL JONES  
PATRICK HENRY



40'00"  
GEORGE WASHINGTON  
BEN BANECKER  
JOHN ADAMS  
JOHN HANCOCK  
JOHN RANDOLPH  
LIBERTY  
MARTHA WASHINGTON  
PATRIOT  
JOHN PAUL JONES  
PATRICK HENRY

40'00"  
LIBERTY  
MARTHA WASHINGTON  
PATRIOT  
PAUL REVERE  
THOMAS JEFFERSON II



40'00"  
HOUSE "Z" BEN FRANKLIN I

**HOUSE MATRIX**

LOT #	BENJAMIN BANECKER	BENJAMIN FRANKLIN	FRANCIS SCOTT KEY	JOHN ADAMS	JOHN HANCOCK	JOHN RANDOLPH	THE LIBERTY	MARTHA WASHINGTON	THE MASON	MOLLY PITCHER	THE PATRIOT	PAUL REVERE	HOUSE "Z"
PATAPSCO RIDGE 3	N	N	N	N	N	N	N	N	N	N	N	N	Y,2,3
4	Y,2,3	N	N	N	Y,2,4	N	N	Y,2,4,7	Y,2,3	N	N	N	NA
47	Y,2,3	N	N	N	Y,2,4	N	N	Y,2,4,7	Y,2,3	N	N	N	NA
48	Y,2,3,7	N	N	N	Y,2,4	N	N	Y,2,4,7	Y,2,3	N	N	N	NA
49	Y,2,3,7	N	N	N	Y,2,4	N	N	Y,2,4,7	Y,2,3	N	N	N	NA
10	Y,1,3	N	N	Y,1,4	N	Y,1,3,8	Y,1,3,8	Y,1,4,8	N	N	Y,1,3	Y,1,3	NA
11	Y,2,3	N	N	Y,2,4	N	Y,2,3,7	Y,2,3,7	Y,2,4,7	N	N	Y,2,3	Y,2,3	NA
(MODIFIED BOX) 12	Y,1,6	N	N	Y,1,3	Y,1,6,7	N	N	Y,1,3,7	Y,1,3	Y,1,6,7	N	N	NA
(MODIFIED BOX) 13	N	N	N	Y,2,3	N	N	N	Y,2,3,7	Y,2,3	N	N	N	NA
14	Y,1,3	N	N	Y,1,3	Y,1,3,7	Y,1,3,7	Y,1,3,7	Y,1,3,7	Y,1,3	N	Y,1,3	Y,1,3	NA
15	Y,1,3	N	N	Y,1,3	Y,1,3,7	Y,1,3,7	Y,1,3,7	Y,1,3,7	Y,1,3	N	Y,1,3	Y,1,3	NA
16	Y,2,3	N	N	Y,2,3	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3	N	Y,2,3	Y,2,3	NA
17	Y,2,3	N	N	Y,2,3	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3	N	Y,2,3	Y,2,3	NA
18	Y,2,3	N	N	Y,2,3	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3	N	Y,2,3	Y,2,3	NA
19	Y,2,3	N	N	Y,2,3	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3,7	Y,2,3	N	Y,2,3	Y,2,3	NA
20	Y,1,6	Y,1,6,7	Y,1,3	Y,1,3	Y,1,6,7	N	N	Y,1,3,7	Y,1,3	Y,1,6,7	N	N	NA
21	Y,1,6	Y,1,3,7	Y,1,3	Y,1,3	Y,1,6,7	Y,1,3,7	N	Y,1,3,7	Y,1,3	Y,1,6,7	N	N	NA
22	Y,1,6	N	Y,1,3	Y,1,3	Y,1,6,7	Y,1,3,7	N	Y,1,3,7	Y,1,3	Y,1,6,7	N	N	NA
23	N	N	N	N	N	N	Y,3,5	Y,3,5	N	N	Y,3,5	Y,3,4,5	NA
24	Y,2,6	N	N	Y,2,4	N	N	N	Y,2,4,7	Y,2,3	N	N	N	NA
ELK HILL 1	N	N	N	N	N	N	N	N	N	N	N	N	Y,2,3
2	N	N	N	N	N	N	N	N	N	N	N	N	Y,1,3
3	N	N	N	N	N	N	N	N	N	N	N	N	Y,1,3
4	N	N	N	N	N	N	N	N	N	N	N	N	Y,1,3
5	N	N	N	N	N	N	N	N	N	N	N	N	Y,1,3

Y = HOUSE TYPE DOES FIT WITH THE OPTIONS AS INDICATED  
N = HOUSE TYPE DOES NOT FIT  
NA = HOUSE TYPE NOT APPLICABLE

OPTIONS:  
1 = GARAGE LOCATED ON RIGHT SIDE  
2 = GARAGE LOCATED ON LEFT SIDE  
3 = ALL OPTIONS AS INDICATED ON THIS SHEET  
4 = NO 2 CAR GARAGE  
5 = NO FRONT GARAGE ENTRY  
6 = NO REAR SUNROOM  
7 = NO SIDE ENTRY GARAGE  
8 = SIDE ENTRY GARAGE WITH LOT RESITE APPROVAL  
MODIFIED BOX = ONLY HOUSES AS INDICATED ON MATRIX ARE ALLOWED IN ORDER TO OBTAIN USABLE REAR YARD.  
9 = NO 2' REAR EXTENSION

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS	LOT NUMBER	STREET ADDRESS
PATAPSCO RIDGE 3	6209 PATUXENT QUARTER ROAD	47	6217 PATUXENT QUARTER ROAD
4	6213 PATUXENT QUARTER ROAD	48	6221 PATUXENT QUARTER ROAD
47	6217 PATUXENT QUARTER ROAD	20	6271 PATUXENT QUARTER ROAD
48	6221 PATUXENT QUARTER ROAD	21	6275 PATUXENT QUARTER ROAD
49	6225 PATUXENT QUARTER ROAD	22	6279 PATUXENT QUARTER ROAD
10	6229 PATUXENT QUARTER ROAD	23	6283 PATUXENT QUARTER ROAD
11	6233 PATUXENT QUARTER ROAD	24	6287 PATUXENT QUARTER ROAD
12	6237 PATUXENT QUARTER ROAD	ELK HILL 1	6295 PATUXENT QUARTER ROAD
13	6241 PATUXENT QUARTER ROAD	2	6319 PATUXENT QUARTER ROAD
14	6245 PATUXENT QUARTER ROAD	3	6323 PATUXENT QUARTER ROAD
15	6249 PATUXENT QUARTER ROAD	4	6327 PATUXENT QUARTER ROAD
16	6253 PATUXENT QUARTER ROAD	5	6331 PATUXENT QUARTER ROAD
17	6257 PATUXENT QUARTER ROAD		

**SHEET INDEX**

SHEET NO.	TITLE
1	COVER SHEET
2	GENERIC SITE DEVELOPMENT PLAN
3	GENERIC SITE DEVELOPMENT PLAN
4	EROSION & SEDIMENT CONTROL PLAN
5	EROSION & SEDIMENT CONTROL PLAN
6	EROSION & SEDIMENT CONTROL DETAILS

**PERMIT INFORMATION CHART**

SUBDIVISION NAME PATAPSCO RIDGE LOTS 3-4, AND 10-17, #20-24 AND 47-49, ELK HILL LOTS 1-5	PREVIOUS FILE # S-89-73, S-92-03, P-91-10, P-92-11 F-92-25, F-93-99, WP-91-54 WP-92-23, WP-92-127
SECTION PATAPSCO RIDGE SEC. 1	PARCEL # 263, 793, 849
PLAT NO. 11084 f 11313-11319 12387	BLOCK NO. ZONE TAX MAP ELEC. DIST. CENSUS
WATER CODE SCALE: AS SHOWN	SEWER CODE 2130000 DATE: SEPTEMBER, 1994

**OWNER/DEVELOPER:** SECURITY DEVELOPMENT CORPORATION  
P.O. BOX 417  
ELLCOTT CITY, MARYLAND 21041  
(410) 465-4244

**PROJECT:** PATAPSCO RIDGE SECTION 1, LOTS 3-4, LOTS 10-17, #20-24 AND ELK HILL SECTION 1, LOTS 1-5

**LOCATION:** TAX MAP 38, PARCELS 263, 793, 849  
HOWARD COUNTY, MARYLAND

**BUILDER:** PATRIOT HOMES  
P.O. BOX 1018  
COLUMBIA, MARYLAND 21044  
(410) 997-5522

**TITLE:** COVER SHEET  
GENERIC SITE DEVELOPMENT PLAN

**DATE:** SEPT. 1994  
JAN. 1995

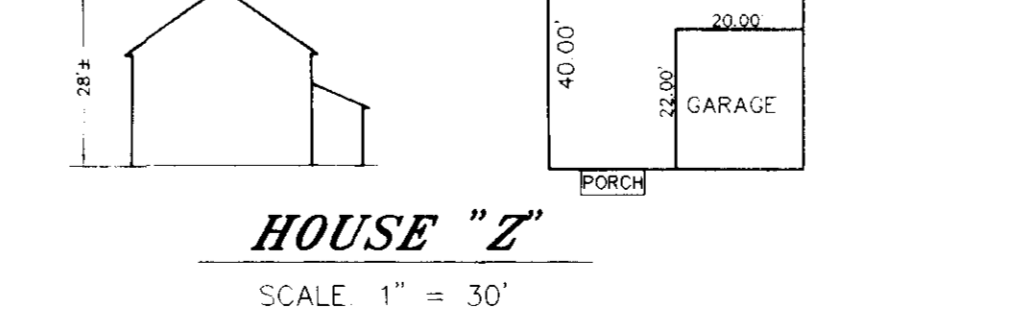
**PROJECT NO.:** 0735

**SCALE:** AS SHOWN  
DRAWING 1 OF 6

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
4/18/95  
3/28/95

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
2/12/95  
2/1/95

HOUSE REVISION (RESITE) REQUIRED WHEN THE FOLLOWING OCCURS:  
1. ADD OR DELETE A HOUSE TYPE  
2. CHANGE A DRIVEWAY LOCATION FROM FRONT LOADED TO A SIDE LOADED GARAGE UNLESS THE HOUSE MATRIX ALLOWS THIS TO OCCUR  
3. "FLIP" THE HOUSE SO THAT THE GARAGE AND DRIVEWAY ARE OPPOSITE TO WHAT THE APPROVED SDP SHOWS  
4. CHANGE THE ELEVATION OF HOUSE ONE FOOT (PLUS OR MINUS)  
5. TO CHANGE THE GRADING FROM IN-GROUND BASEMENT TO WALKOUT BASEMENT



SDP 95-29



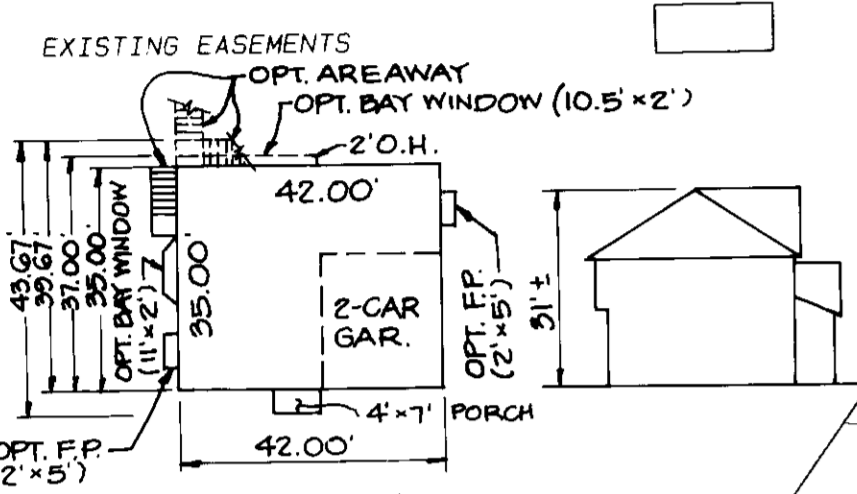
**STREET PLANT LIST**

SYMBOL	QUANTITY	NAME	REMARKS
	32	ACER RUBRUM RED MAPLE	2-1/2" MIN. CALIFER B&B FULL HEAD

\* TO BE PLANTED BY BUILDER IN ACCORDANCE WITH F-92-25 AND THIS APPROVED SDP. TREES ARE TO BE PLANTED MIN. 4' FROM SIDEWALK.

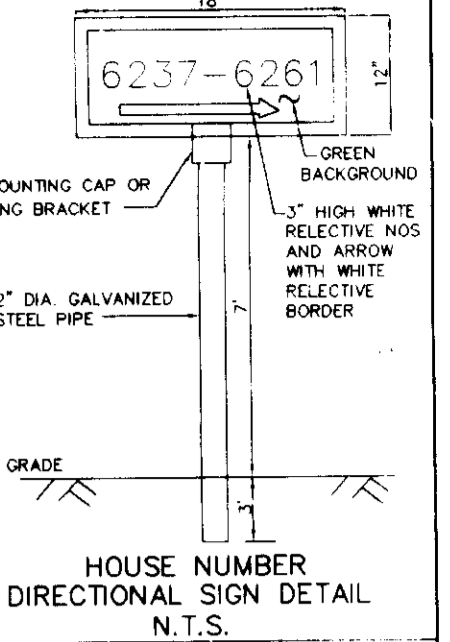
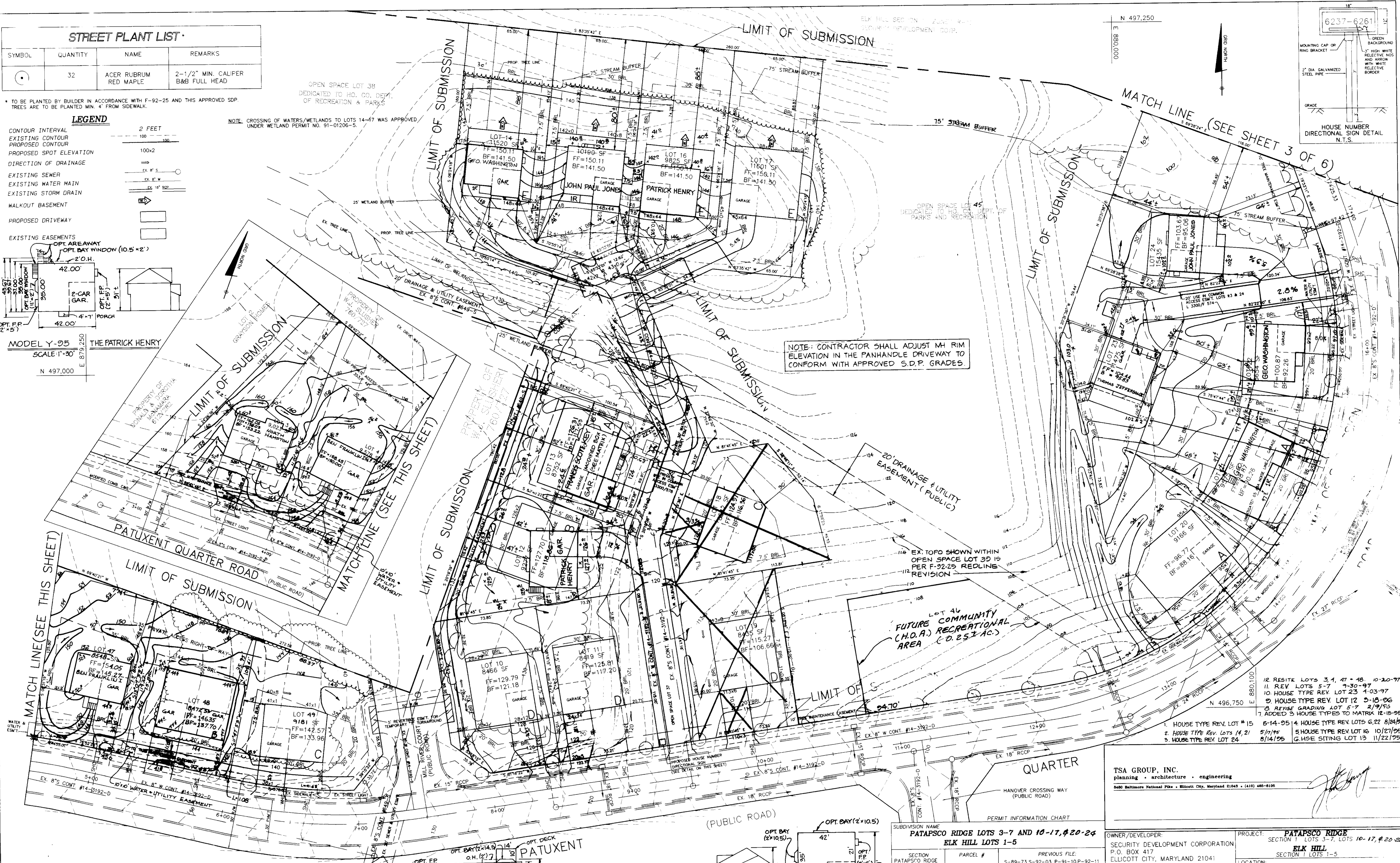
**LEGEND**

- CONTOUR INTERVAL: 2 FEET
- EXISTING CONTOUR: 100x2
- PROPOSED CONTOUR: 100x2
- PROPOSED SPOT ELEVATION: 100x2
- DIRECTION OF DRAINAGE: EX. 1" S, EX. 1" W, EX. 1" SW, EX. 1" SE
- EXISTING SEWER: EX. 12" S, EX. 12" W
- EXISTING WATER MAIN: EX. 10" S, EX. 10" W
- EXISTING STORM DRAIN: EX. 18" S, EX. 18" W
- WALKOUT BASEMENT
- PROPOSED DRIVEWAY
- EXISTING EASEMENTS
- OPT. AREAWAY
- OPT. BAY WINDOW (10.5' x 2')
- 2.0' O.H.
- 2-CAR GAR.
- OPT. FP (2' x 5')
- 4'-7" PORCH



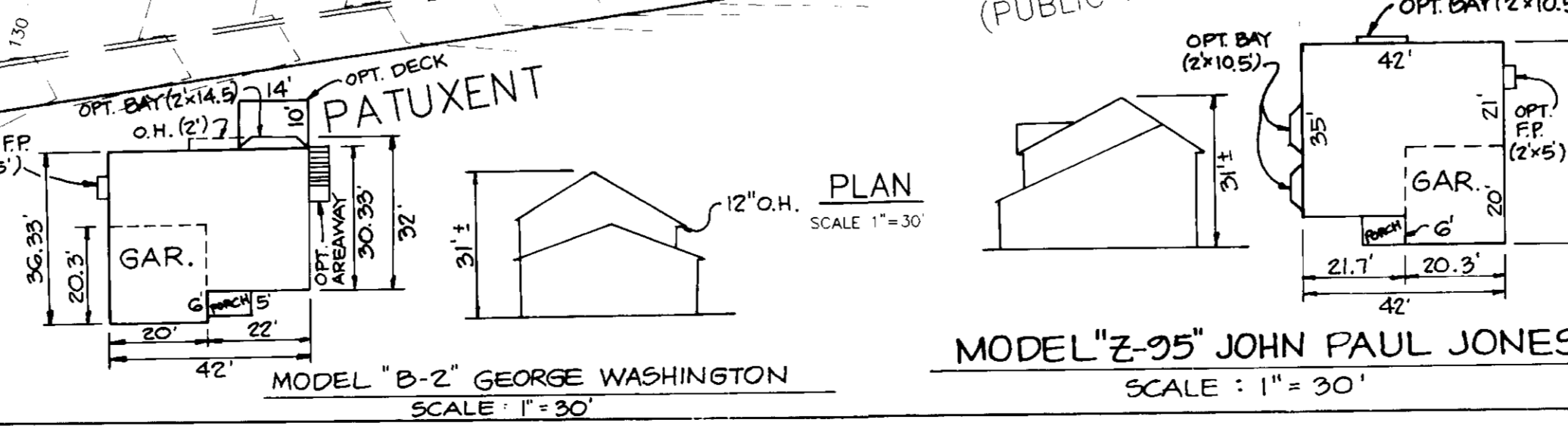
NOTE: CROSSING OF WATERS/WETLANDS TO LOTS 14-17 WAS APPROVED UNDER WETLAND PERMIT NO. 91-01206-S.

NOTE: CONTRACTOR SHALL ADJUST MH RIM ELEVATION IN THE PANHANDLE DRIVEWAY TO CONFORM WITH APPROVED S.D.P. GRADES.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: *James R. Smith* DATE: 2/18/95  
 Director: *John J. Summery* DATE: 3/28/95

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
 Director: *James R. Shaw* DATE: 2/8/95  
 Director: *Richard E. Sporn* DATE: 2/1/95



PERMIT INFORMATION CHART

SUBDIVISION NAME <b>PATAPSCO RIDGE LOTS 3-7 AND 10-17, #20-24 ELK HILL LOTS 1-5</b>					
SECTION PATAPSCO RIDGE SEC. 1	PARCEL # 263, 793, 849	PREVIOUS FILE S-89-73.3-92-03, P-91-10P-92-11 F-92-25, F-93-99-WP-91-54 WP-92-23, WP-92-127	TAX MAP 38	ELEC. DIST. 1st	CENSUS 6012
PLAT No. 116044	BLOCK No. 11313-11319	ZONE R-12	TAX MAP 38	ELEC. DIST. 1st	CENSUS 6012
WATER CODE A01	SEWER CODE 2130000	SCALE AS SHOWN	DATE SEPTEMBER, 1994	DES: JVP/CAM DRN: JVP	

TSA GROUP, INC.  
 planning • architecture • engineering  
 8400 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 486-6100

OWNER/DEVELOPER: SECURITY DEVELOPMENT CORPORATION P.O. BOX 417 ELLCOTT CITY, MARYLAND 21041 (410) 465-4244	PROJECT: <b>PATAPSCO RIDGE</b> SECTION 1 LOTS 3-7, LOTS 10-17, #20-24 <b>ELK HILL</b> SECTION 1 LOTS 1-5
BUILDER: PATRIOT HOMES P.O. BOX 1018 COLUMBIA, MARYLAND 21044 (410) 997-5522	LOCATION: TAX MAP 38 PARCELS 263, 793, 849 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: <b>GENERIC SITE DEVELOPMENT PLAN</b>	DATE: SEPT 1994 PROJECT NO. 0735 JAN 1995
SCALE: AS SHOWN	DRAWING 2 OF 5

SDR 95-29



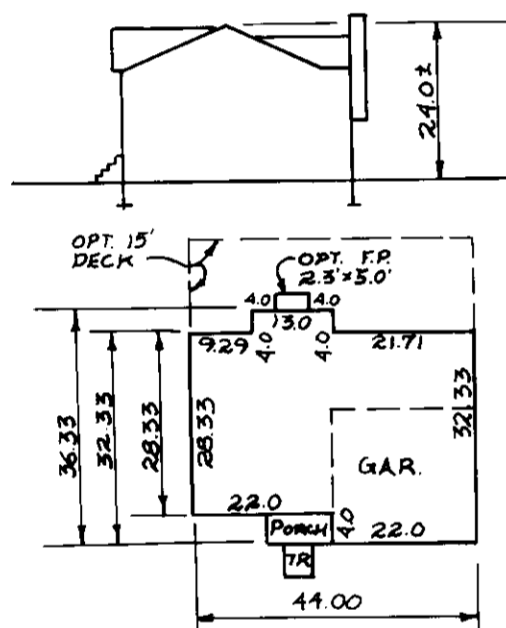
**STREET PLANT LIST**

SYMBOL	QUANTITY	NAME	REMARKS
○	17	ACER RUBRUM RED MAPLE	2-1/2" MIN. CALIPER B&B FULL HEAD

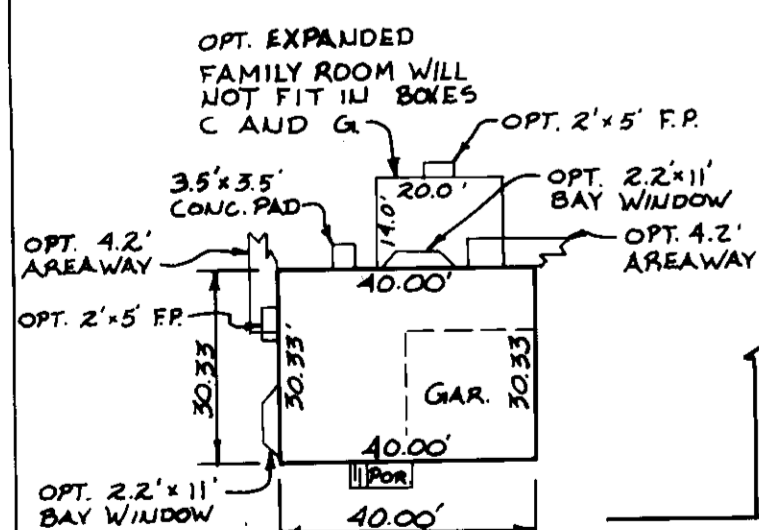
\* TO BE PLANTED BY BUILDER IN ACCORDANCE WITH F-93-99 AND THIS APPROVED SDP. TREES ARE TO BE PLANTED 4' MIN FROM SIDEWALK.

**LEGEND**

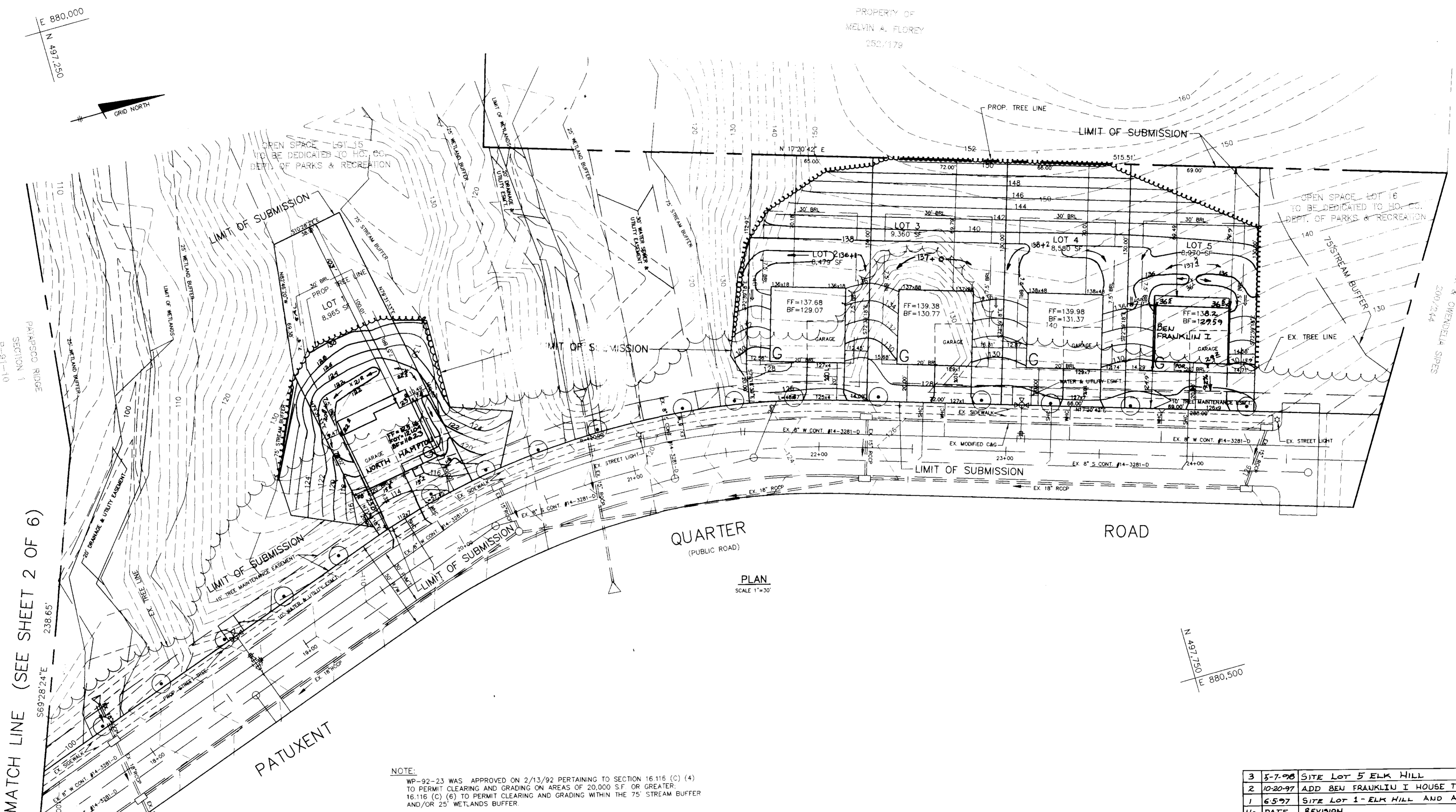
- CONTOUR INTERVAL: 2 FEET
- EXISTING CONTOUR: ---
- PROPOSED CONTOUR: - - -
- PROPOSED SPOT ELEVATION: x 100.2
- DIRECTION OF DRAINAGE: --->
- EXISTING SEWER: EX 8" S
- EXISTING WATER MAIN: EX 8" W
- EXISTING STORM DRAIN: EX 18" RCP
- PROPOSED DRIVEWAY: [Symbol]
- EXISTING EASEMENTS: [Symbol]



**NORTH HAMPTON**  
SCALE: 1"=30'



**BEN FRANKLIN I**  
SCALE: 1"=30'



**NOTE:**  
WP-92-23 WAS APPROVED ON 2/13/92 PERTAINING TO SECTION 16.115 (C) (4) TO PERMIT CLEARING AND GRADING ON AREAS OF 20,000 S.F. OR GREATER. 16.116 (C) (6) TO PERMIT CLEARING AND GRADING WITHIN THE 75' STREAM BUFFER AND/OR 25' WETLANDS BUFFER.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 [Signature] 4/18/95  
 DIRECTOR  
 [Signature] 3/28/95  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
 [Signature] 4/14/95  
 DIRECTOR  
 [Signature] 2/1/95  
 CHIEF, BUREAU OF ENGINEERING

PERMIT INFORMATION CHART

SUBDIVISION NAME: PATAPSCO RIDGE LOTS 5-7 AND 10-17, #20-24 ELK HILL LOTS 1-5					
SECTION: PATAPSCO RIDGE SEC. 1	PARCEL #: 263, 793, 849	PREVIOUS FILE: S-89-73, S-92-03, P-91-10, P-92-11, F-92-25, F-93-99, WP-91-54, WP-92-23, WP-92-127			
PLAT No. 116 (5/94) 11313-11319	BLOCK No. R-12	TAX MAP 38	ELEC. DIST. 1st	GENSUS 6012	
WATER CODE A01	SEWER CODE 2130000	DATE: SEPTEMBER, 1994			
SCALE: AS SHOWN	DATE: SEPTEMBER, 1994				

3	5-7-98	SITE LOT 5 ELK HILL
2	10-20-97	ADD BEN FRANKLIN I HOUSE TYPE
1	6-5-97	SITE LOT 1 - ELK HILL AND ADD NORTH HAMPTON HOUSE TYPE
No.	DATE	REVISION

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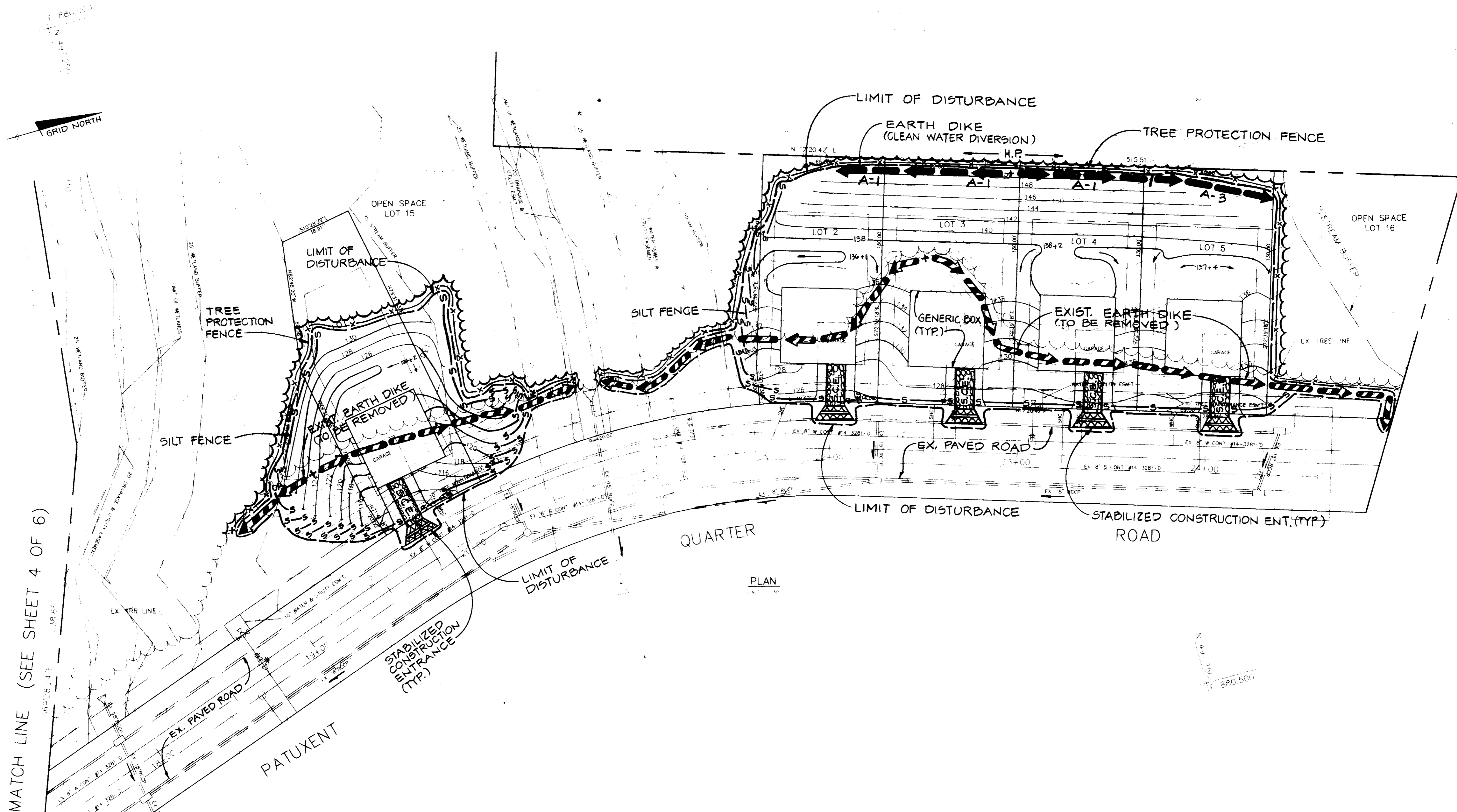
OWNER/DEVELOPER: SECURITY DEVELOPMENT CORPORATION P.O. BOX 417 ELLCOTT CITY, MARYLAND 21041 (410) 465-4244	PROJECT: PATAPSCO RIDGE SECTION 1 LOTS 5-7, LOTS 10-17, #20-24 ELK HILL SECTION 1 LOTS 1-5
BUILDER: PATRIOT HOMES P.O. BOX 1018 COLUMBIA, MARYLAND 21044 (410) 997-5522	LOCATION: TAX MAP 38 PARCELS 263, 793, 849 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DES: JVP/CAM	DRN: JVP
DATE: SEPT 1994 JAN 1995	PROJECT NO. 0735 DRAWING 3 OF 6

SDP-95-29









STORM DRAIN FLOWS TO EXISTING SEDIMENT BASIN/SWM POND AS SHOWN ON F-93-99

CONTRACTOR IS RESPONSIBLE FOR CLEANING THE EXISTING TEMP. SEDIMENT BASIN OF ALL SEDIMENTS ATTRIBUTED TO THIS PLAN AND REFURBISH IT TO ITS ORIGINALLY APPROVED DIMENSIONS PER F-93-99

**BUILDER'S CERTIFICATE**

We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control, and that all responsible personnel involved in the construction of this 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 County Soil Conservation District or their authorized agents, if deemed necessary.

*Terry Connelly*  
Signature: Developer

9/22/94

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Department of the Environment.

*John G. King*  
Signature: Engineer

9/22/94

APPROVED  
*James S. Heister*  
4/18/95  
DIRECTOR  
*Anna Strumman*  
3/28/95  
DEPT. DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED  
*James M. Lewis*  
2/2/95  
DIRECTOR  
*Robert S. Sporn*  
2/1/95  
CHIEF BUREAU ENGINEER

APPROVED  
*Patricia Engh*  
1/30/95  
REGISTERED PROFESSIONAL ENGINEER  
SOIL CONSERVATION SERVICE

APPROVED  
*John R. Robertson*  
1/30/95  
REGISTERED PROFESSIONAL ENGINEER  
HOWARD COUNTY CONSERVATION DISTRICT

PERMIT INFORMATION (PART 1)	
PERMISSION NAME	PATAPSCO RIDGE LOTS 3-7 AND 10-17, #20-24
SECTION	ELK HILL LOTS 1-5
PARCEL #	11684
PREVIOUS FILE	1-84-135-92-03 (P&Z) 10-19-91 1-92-25 (F-93-99) 10-19-94 10-19-94 (F-93-99) 10-19-94
BLK/M/ZONE	14X MAP
ELEV. DIST.	1st
ENCL.	601Z
SEWER CODE	2130000
DATE	SEPTEMBER 1994

TSA GROUP, INC. planning • architecture • engineering 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-9100		<i>[Signature]</i>	
OWNER/DEVELOPER	SECURITY DEVELOPMENT CORPORATION P.O. BOX 4 ELK HILL, MD 21041	PROJECT	PATAPSCO RIDGE SECTION 1 LOTS 3-7 AND 10-17, #20-24
BUILDER	PATRIOT HOME P.O. BOX 1018 COLUMBIA, MARYLAND 21044	TITLE	EROSION & SEDIMENT CONTROL PLAN
DATE	SEPT 1994	PROJECT NO.	10-17-20-24
SCALE	AS SHOWN	DRAWING	5 OF 5

SDP-95-29

**PERMANENT SEEDING NOTES**

Apply to graded or cleared area not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeding Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. (If not previously loosened)

Soil Amendments: In lieu of soil test recommendations, use on the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sf) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sf) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sf).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sf) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sf) before seeding. Narrow or disc into upper three inches of soil.

Seeding: For the periods March 1 through April 30 and August 1 through October 15, seed with 60 lbs per acre (1.4 lbs/1000 sf) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.05 lbs/1000 sf) of Weeping Lovegrass. During the period of October 15 through February 28, protect site by Option 1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2) use seed. Option 3) seed with 60 lbs Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sf) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sf) for anchoring.

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

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

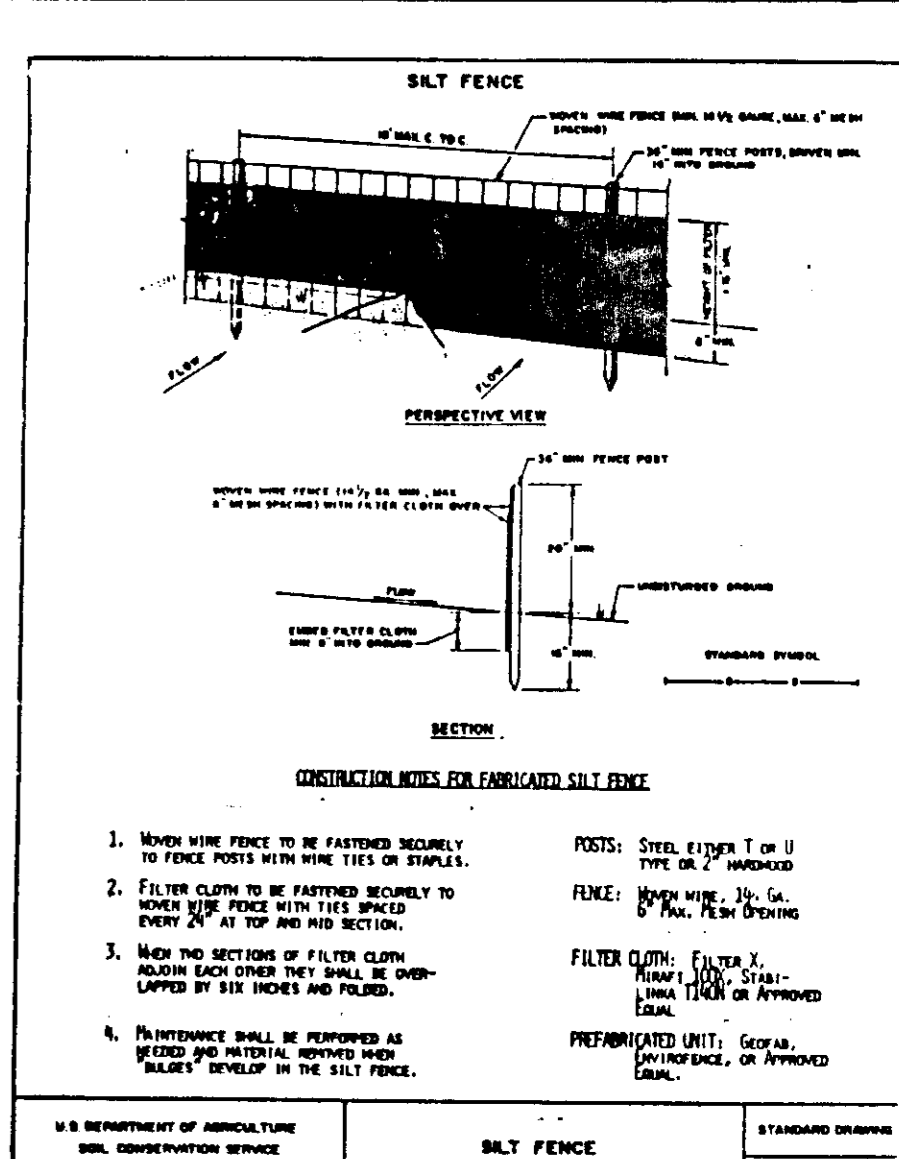
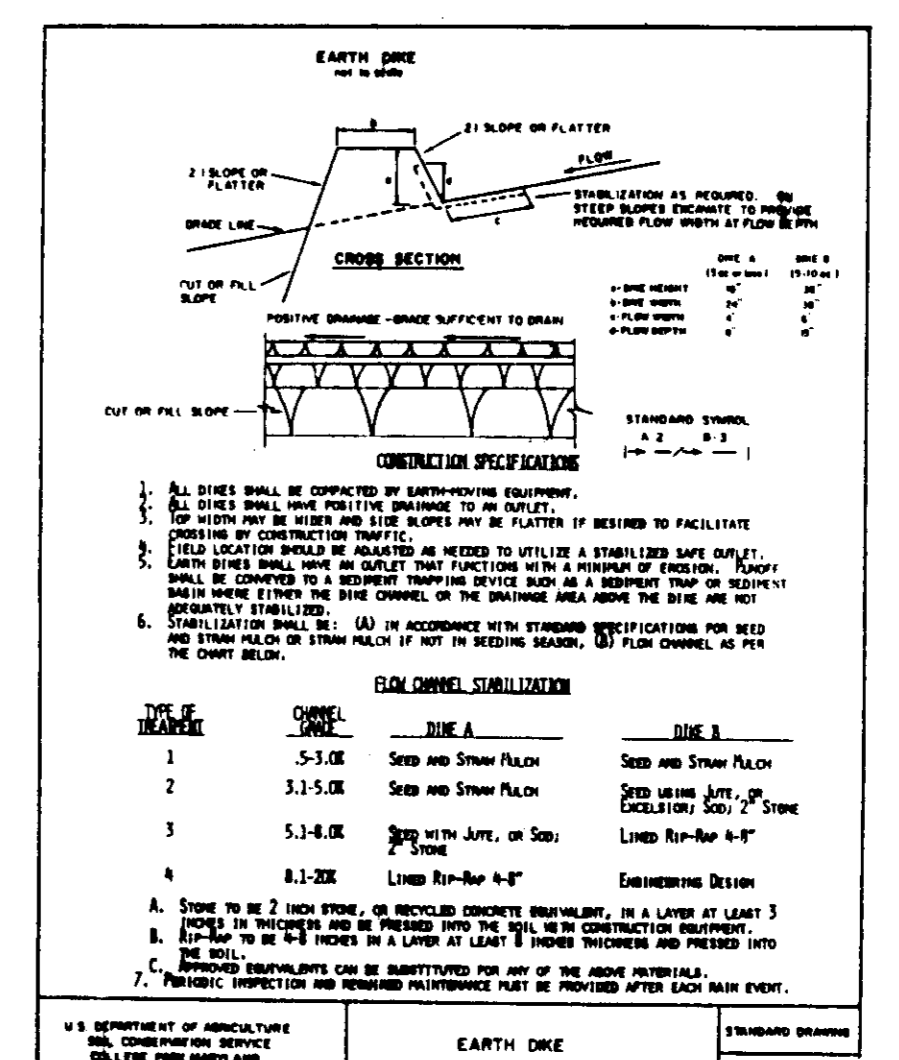
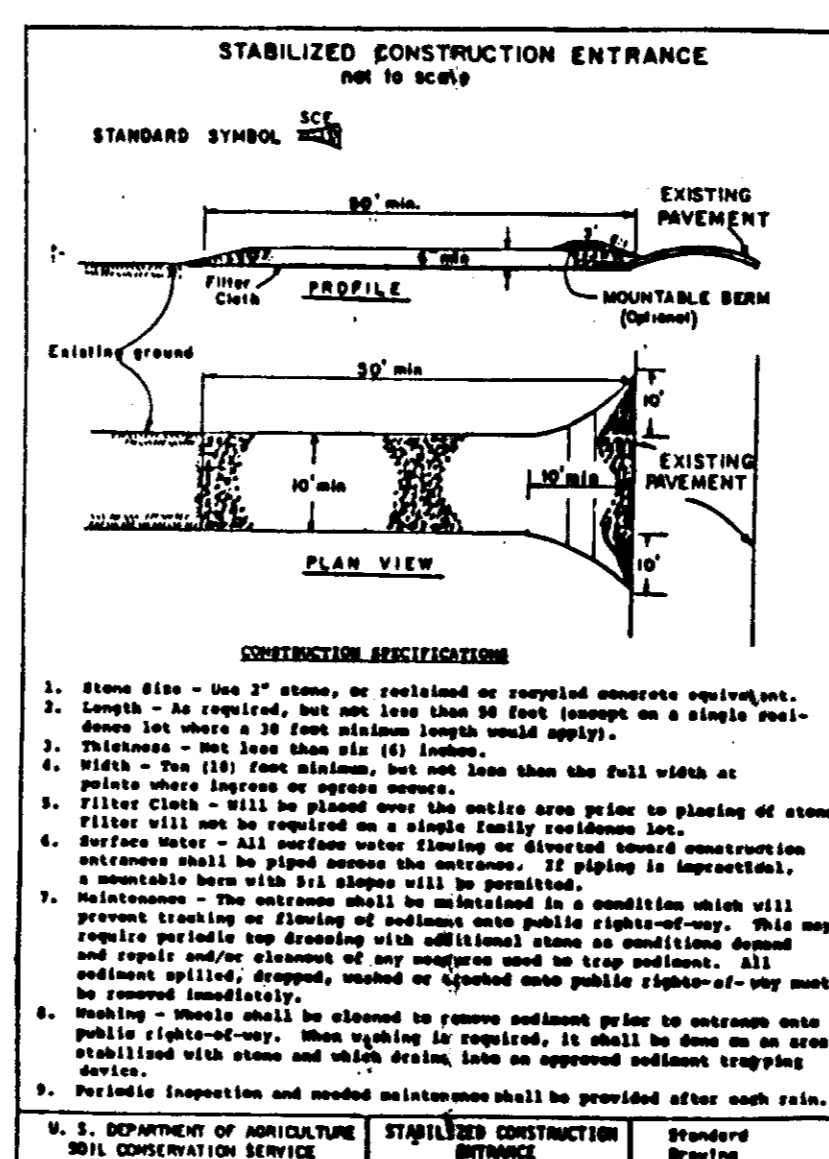
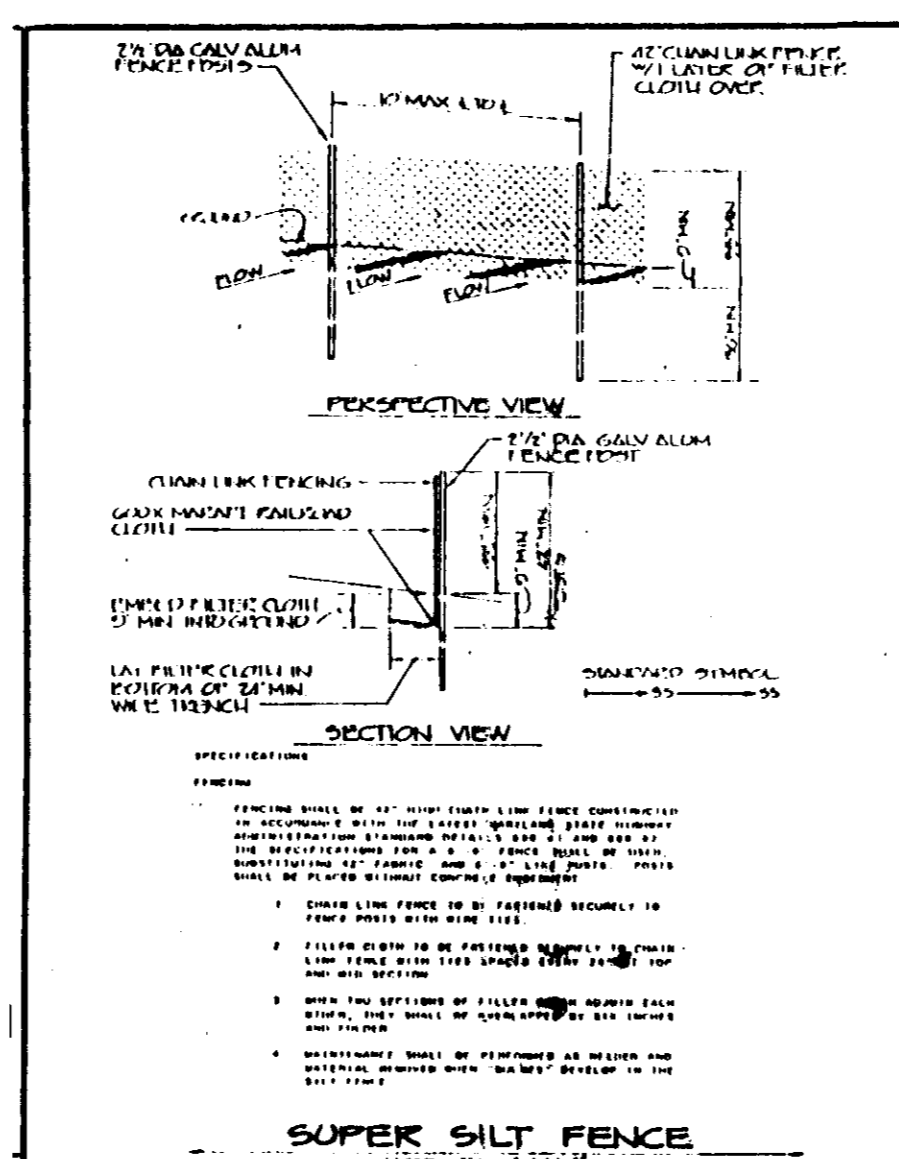
Seeding Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. (If not previously loosened)

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sf).

Seeding: For periods March 1 through April 30 and from August 15 through November 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sf). For the period May 1 through August 14, seed with 3 lbs per acre of Weeping Lovegrass (0.07 lbs/1000 sf). For the period November 16 through February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

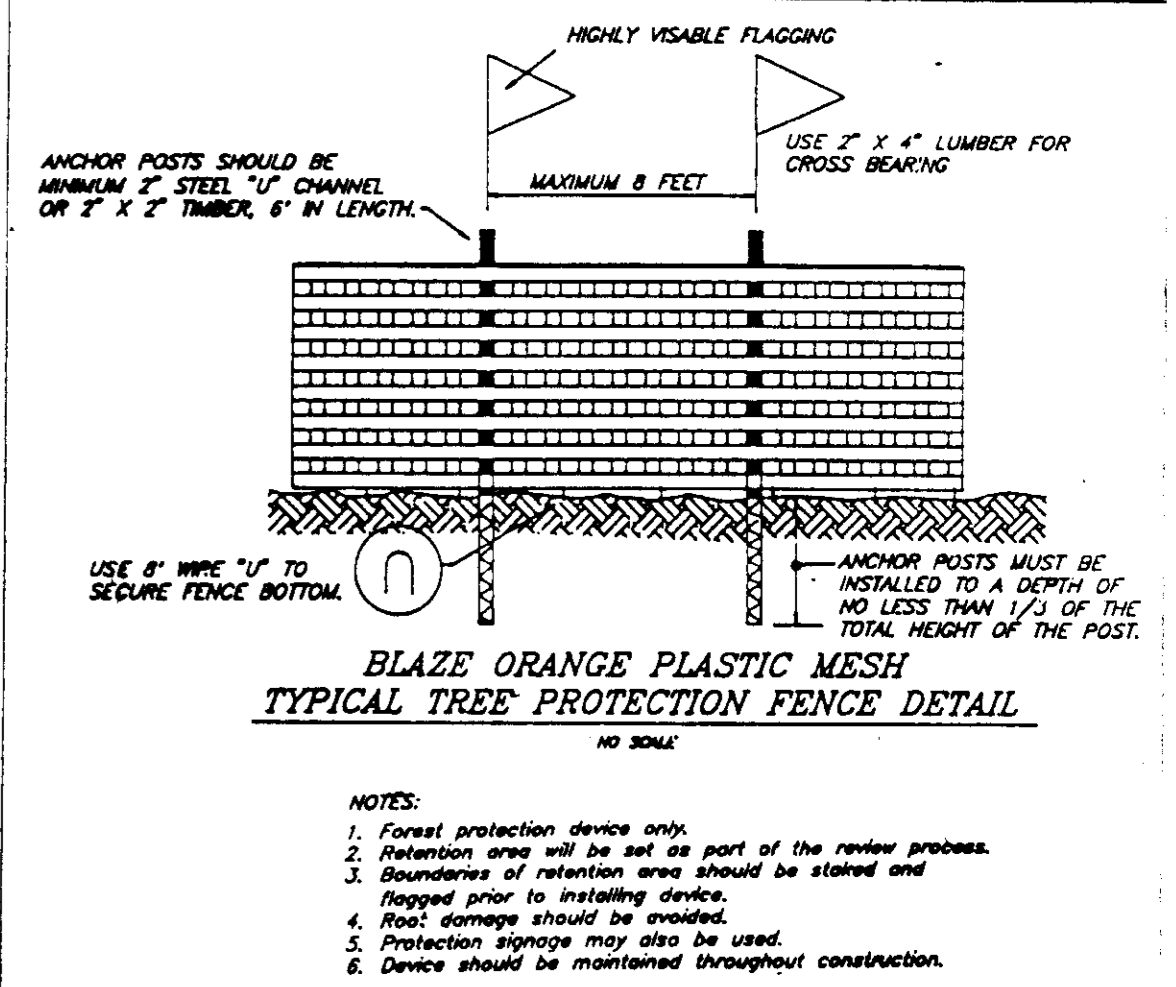
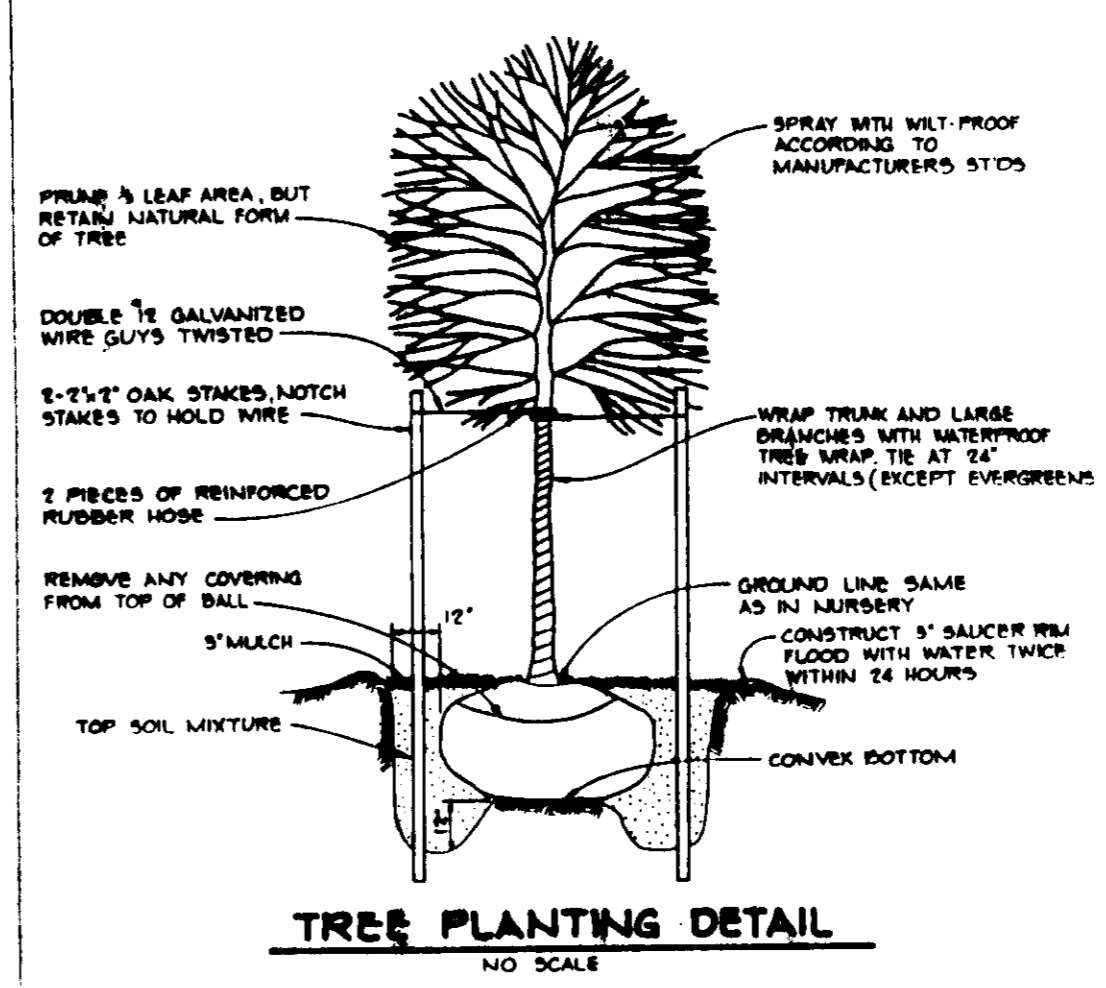
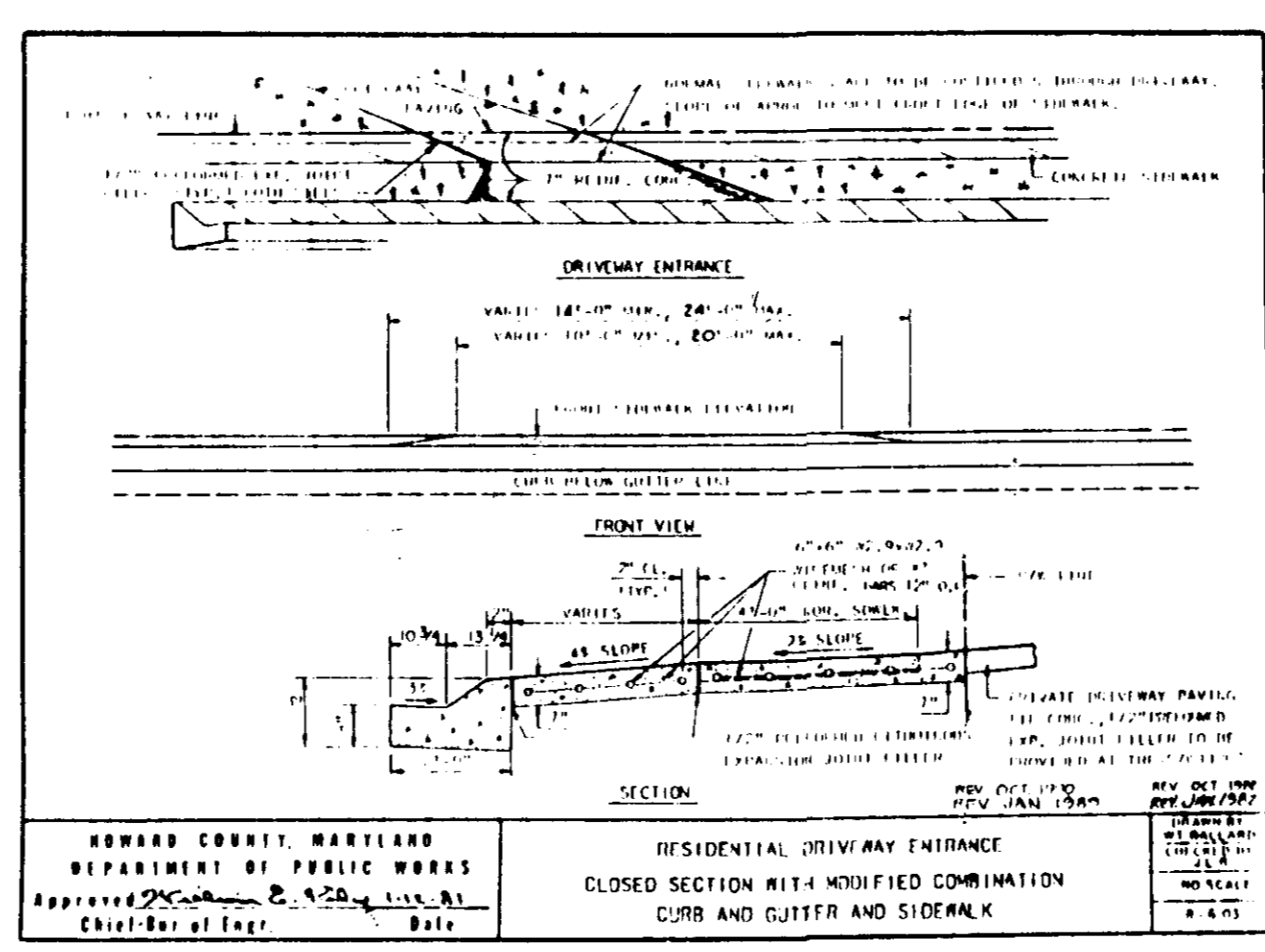
Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sf) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sf) for anchoring.

Refer to the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for rate and methods not covered.



**SEDIMENT CONTROL NOTES**

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (31-2-1855).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current Maryland Standards and Specifications for Soil Erosion and Sediment Control, and revisions thereto.
3. Following initial soil disturbances or redisturbances, permanent or temporary sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 calendar days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the "Howard County Design Manual, Storm Drainage".
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Permanent Seeding (Sec. 51), Sod (Sec. 54), Temporary Seeding (Sec. 50) and Mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:
  - Total Area of Site: 5.75 acres
  - Area to be Disturbed: 4.63 acres
  - Area to be roofed or paved: 1.66 acres
  - Area to be vegetatively stabilized: 3.02 acres
  - Total Cut: 35,000 cu yd
  - Total Fill: 1100 cu yd
  - Offsite Waste/Borrow Area Location: 33,900 C.Y.
8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Tranches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.
12. Quantities and estimates shown are for sediment control purposes only. Contractor shall prepare his/her own quantity estimates to his/her satisfaction.
  - It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and its grading permit number at the time of construction.



**SEQUENCE OF CONSTRUCTION**

- Notify Sediment Control Division 48 hours prior to start of construction.
1. Obtain grading permit. Day 1
  2. Install tree protection fences as indicated on this plan. Day 2-3
  3. Clear and grub the site as indicated in this plan. Day 4-6
  4. Inspect existing sediment and erosion control devices and repair or re-install them if required. Continue using existing Sediment Basin as designed under F-92-25 & F-93-22. Day 6-7
  5. Install new sediment and erosion control devices and stabilize. Day 8-10
  6. Excavate for foundations, rough grade and temporarily stabilize. Day 10-10
  7. Construct structures and driveways. Day 11-11
  8. Final grade and stabilize in accordance with standards and specifications. Day 22-22
  9. Upon approval of the Howard County sediment control inspector, remove sediment and erosion control devices and stabilize. Day 28-28

Day	Activity
Day 1	Obtain grading permit
Day 2-3	Install tree protection fences
Day 4-6	Clear and grub the site
Day 6-7	Inspect existing sediment and erosion control devices
Day 8-10	Install new sediment and erosion control devices
Day 10-10	Excavate for foundations, rough grade and temporarily stabilize
Day 11-11	Construct structures and driveways
Day 22-22	Final grade and stabilize
Day 28-28	Remove sediment and erosion control devices and stabilize

**BUILDER'S CERTIFICATE**  
I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer: *Tommy Landry* Date: 9/22/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
Signature: *James R. Starnes* Date: 4/14/95  
DIRECTOR

APPROVED: HOWARD COUNTY DEPARTMENT OF LAND DEVELOPMENT AND RESEARCH  
Signature: *James R. Starnes* Date: 3/28/95  
T.C. DATE

**ENGINEER'S CERTIFICATE**  
I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Signature: *John J. Gering* Date: 9/22/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
Signature: *James R. Starnes* Date: 2/26/95  
DIRECTOR

APPROVED: BUREAU OF ENGINEERING  
Signature: *James R. Starnes* Date: 2/1/95  
DATE

APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
Signature: *Patricia L. ...* Date: 1/20/95  
U. S. SOIL CONSERVATION SERVICE

APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
Signature: *John R. ...* Date: 1/30/95  
HOWARD COUNTY SOIL CONSERVATION DISTRICT

PERMIT INFORMATION CHART

SUBDIVISION NAME PATAPSCO RIDGE LOTS 3-7 AND 10-17, # 20-24	
SECTION PATAPSCO RIDGE SEC. 1	
PARCEL # 263, 793, 849	PREVIOUS FILE: S-89-73, S-92-03, P-91-10, P-92-11 F-92-25, F-93-99, WP-91-54 WP-92-23, WP-92-127
ELK HILL SEC. 1	
PLAT No. 116044	BLOCK No. 11313-11319
ZONE R-12	TAX MAP 38
ELEC. DIST. 1st.	CENSUS 6012
WATER CODE A01	SEWER CODE 2130000
SCALE: AS SHOWN	DATE: SEPTEMBER, 1994

**TSA GROUP, INC.**  
planning • architecture • engineering  
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 486-6100

OWNER/DEVELOPER:  
SECURITY DEVELOPMENT CORPORATION  
P.O. BOX 417  
ELICOTT CITY, MARYLAND 21041  
(410) 465-4244

PROJECT:  
PATAPSCO RIDGE  
SECTION 1 LOTS 3-7, LOTS 10-17, # 20-24  
ELK HILL  
SECTION 1 LOTS 1-5

LOCATION:  
TAX MAP 38 PARCELS 263, 793, 849  
1st. ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

BUILDER:  
PATRIOT HOMES  
P.O. BOX 1018  
COLUMBIA, MARYLAND 21044  
(410) 997-5522

TITLE:  
EROSION & SEDIMENT CONTROL NOTES

DATE: SEPT. 1994  
PROJECT NO. 0735

DES: JVP/CAM  
DRN: JVP  
SCALE: AS SHOWN  
DRAWING NO. 6 OF 6

SDR 95-29