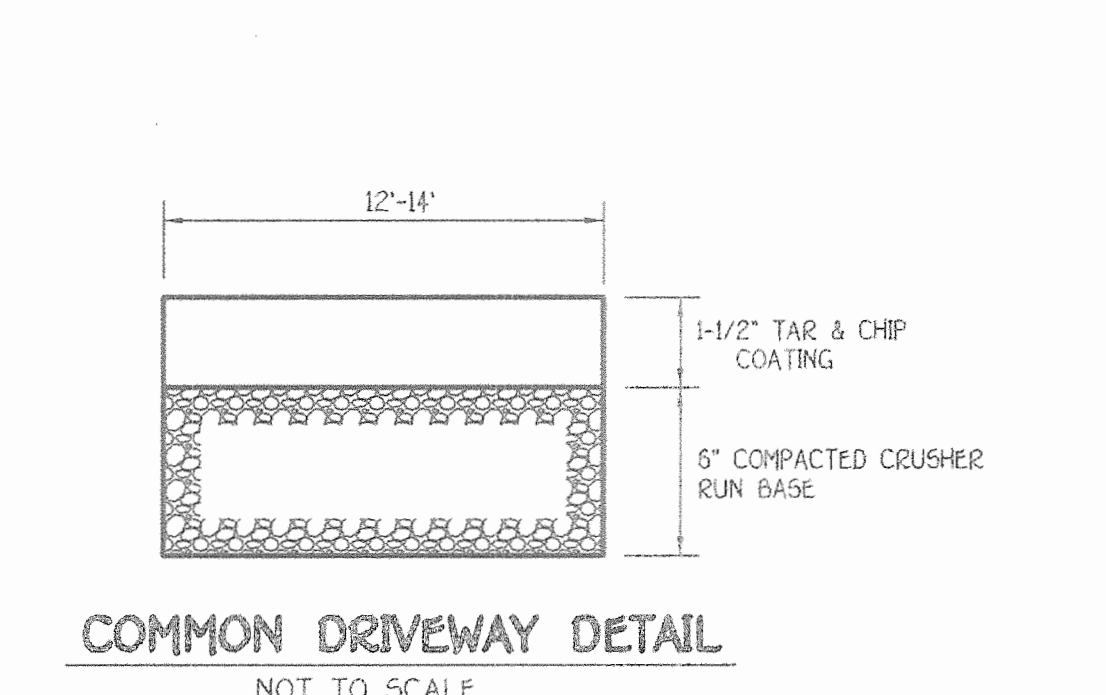
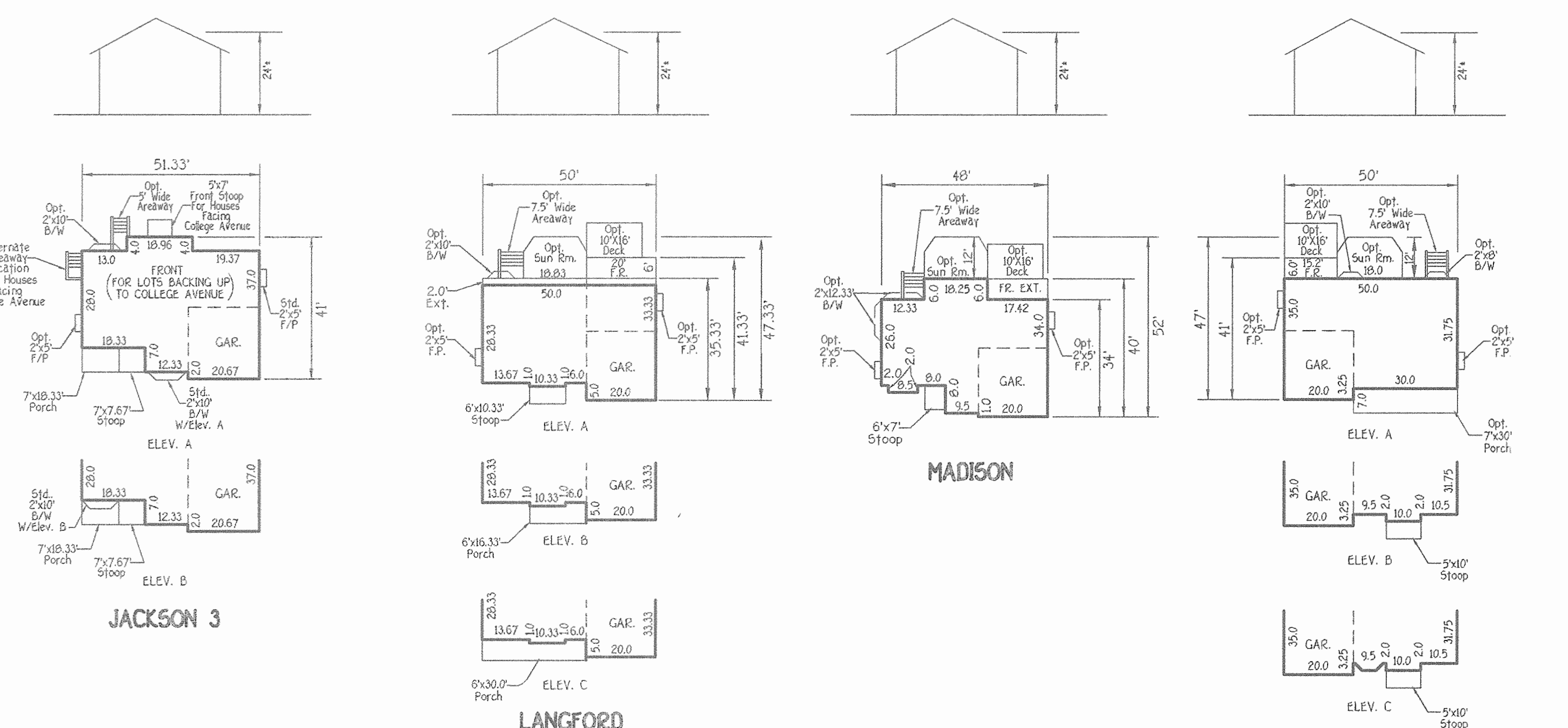
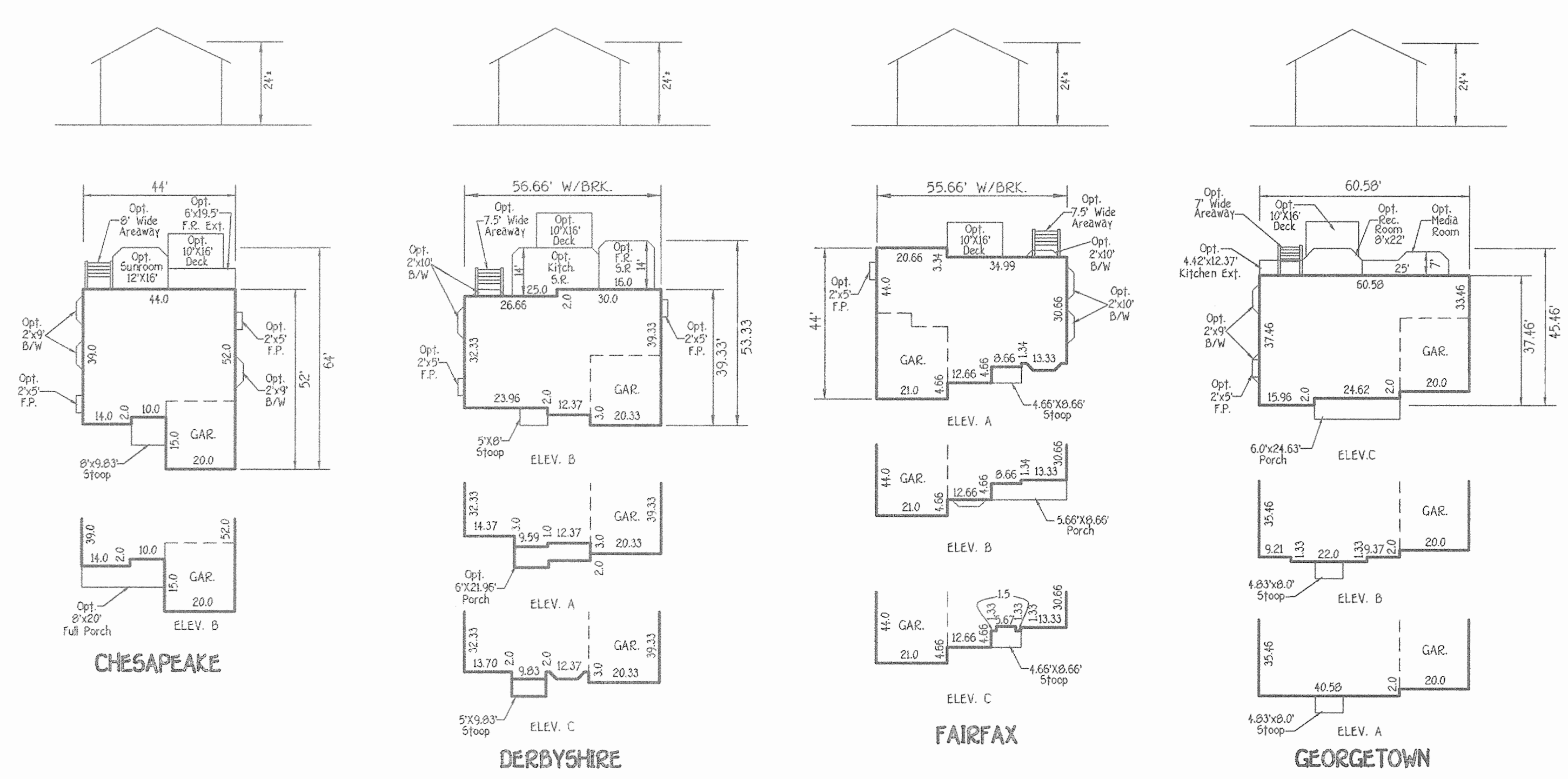


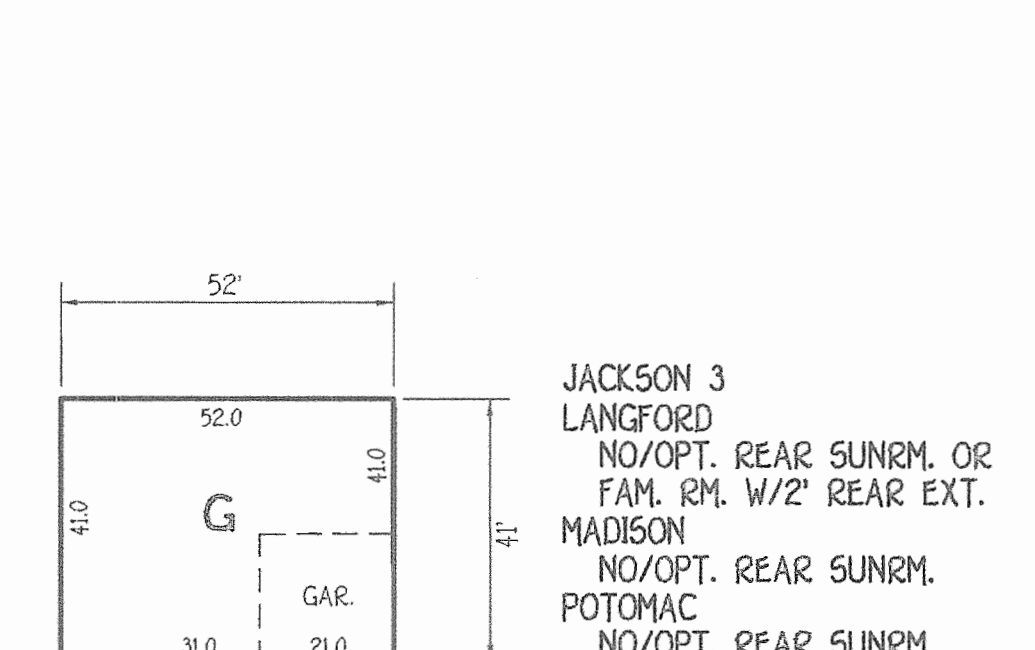
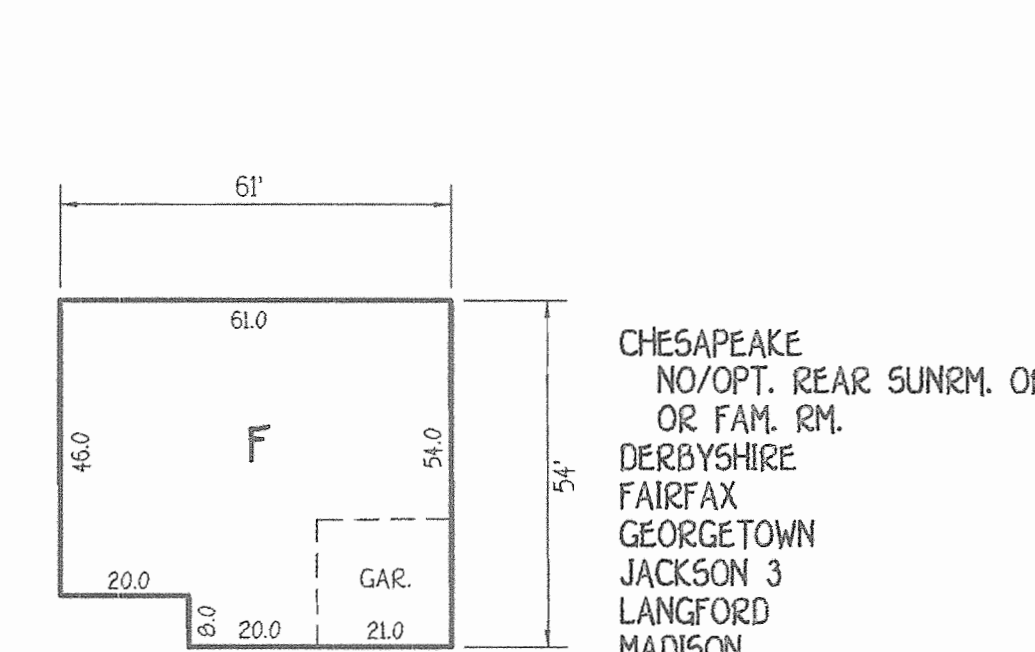
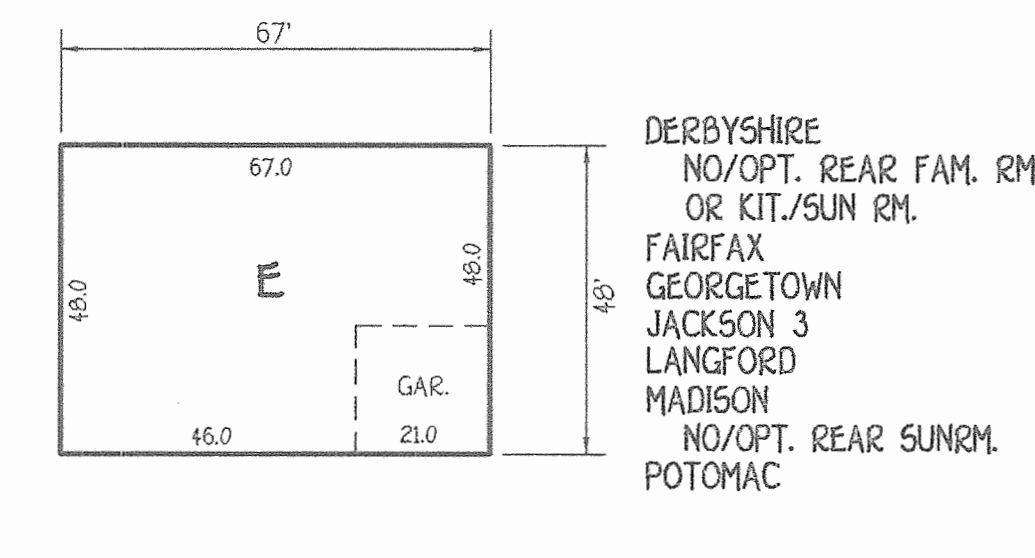
VICINITY MAP  
SCALE: 1" = 1200'

**GENERAL NOTES**

- SUBJECT PROPERTY ZONED R-ED PER THE 2/02/04 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF SITE: 2.9784 ACRES. LIMIT OF DISTURBED AREA: 1.8443 ACRES.
- TOTAL NUMBER OF LOTS SUBMITTED: 13 SINGLE FAMILY DETACHED.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)333-2890 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.
- THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: P-01-08, P-02-09, P-03-01, 5-99-01, AMENDED 5-99-01, F-03-08, F-03-208, W & S CONT. NO. 14-1079-D & 14-3895-D & P.B. 329, P.B. 354.
- THE EXISTING TOPOGRAPHY SHOWN WAS TAKEN FROM APPROVED ROAD CONSTRUCTION PLANS F-03-208, PREPARED BY HILDEBRAND, BONDRE & ASSOC., INC.
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON MAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.
- HOWARD COUNTY MONUMENT 3847 N57558B.079N E13756L.7684 E1.335.987
- HOWARD COUNTY MONUMENT 3849 N57505A.033S E137570.4364 E1.379.246
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THIS PLAN IS FOR HOUSE SITING AND GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAY OF THIS SLOP ARE NOT USED FOR CONSTRUCTION FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F-03-208, AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-1079-D AND 14-3895-D.
- CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
- STORMWATER MANAGEMENT CONTROL HAS BEEN PROVIDED VIA THE METHOD OF EXTENDED DETENTION IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME 1 (JULY 1995 AMENDMENT). STORMWATER MANAGEMENT IS PRIVATELY OWNED AND MAINTAINED. IT IS PROVIDED UNDER F-01-023 & F-03-09.
- STREET TREES AND PERIMETER LANDSCAPING AND SIDE PLANTINGS IN ACCORDANCE WITH SECTION 15.024 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL SHALL BE AS SHOWN ON THE APPROVED ROAD CONSTRUCTION DRAWINGS FOR F-03-208. SURETY HAS BEEN POSTED WITH THE DEVELOPER'S AGREEMENTS.
- FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 15.0202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL HAVE BEEN SATISFIED BY PLACEMENT OF A TOTAL OF 62.67 ACRES IN A FOREST CONSERVATION EASEMENT (41.22 ACRES OF RETENTION UNDER AUTUMN VIEW, SECTION 3 (F-01-023) AND 13.96 ACRES OF RETENTION UNDER AUTUMN VIEW, SECTION 5 (F-01-023) AND 62.67 ACRES OF WHICH IS THE REQUIRED BREAK EVEN POINT FOR THE ACREAGE OF AUTUMN VIEW, SECTIONS 3, 4 AND 5 (PHASES 1 THRU 5). THESE EXISTING FOREST CONSERVATION EASEMENTS UNDER AUTUMN VIEW, SECTION 3 & 5, PHASES 1 & 2, SATISFY THE FOREST CONSERVATION REQUIREMENTS FOR AUTUMN VIEW, SECTION 3 & 5, PHASES 1 THRU 5. NO ADDITIONAL EASEMENT AREA ON-SITE OR OFF-SITE IS REQUIRED.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO HO. CO. DESIGN MANUAL VOL. IV STD. DETAILS R.5.03 & R.5.05.
- IN ACCORDANCE WITH SECTION 12B OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR 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 SETBACKS.
- LOTS 389 THRU 394, SECTION 5 PHASE 5, SHALL HAVE UNITS FACING COLLEGE AVENUE IN ACCORDANCE WITH P.B. CASE 329 AND 5-99-01.
- THIS PROJECT IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT.
- THIS PROJECT IS SUBJECT TO P.B. CASE NO. 351 REQUIRING APPROVAL TO AMEND 5-99-01 TO CHANGE THE LOCATION OF THE WATER AND SEWER EASEMENTS. IT WAS APPROVED ON DECEMBER 13, 2001, IN ACCORDANCE WITH THE SCENIC ROAD GUIDELINES OF SUBDIVISION SECTION 15.025, P.B. 329, 5-99-01 AND AMENDED 5-99-01. LOTS 386-391 MUST BE DEVELOPED WITH HOUSES THAT HAVE REAR ENTRY GARAGES AND THE FRONT OF THE UNITS FACING COLLEGE AVENUE.
- STORMWATER MANAGEMENT IS TO BE PROVIDED BY RANGARDENS FOR DOWNSLOPES, DRAINING AWAY FROM SEAWARD AVENUE OR FOUR QUARTER ROAD FOR LOTS 381, 382, 389, 390, 391 AND 392.



COMMON DRIVEWAY DETAIL  
NOT TO SCALE



LENNAR CORPORATION  
GENERIC BOXES

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
SECTION 5, PHASE 4	
358	8019 FOUR QUARTER ROAD
359	8023 FOUR QUARTER ROAD
SECTION 5, PHASE 5	
380	4301 SONGSMITH LANE
381	4305 SONGSMITH LANE
382	4309 SONGSMITH LANE
389	4201 SEAWARD CIRCLE
390	4205 SEAWARD CIRCLE
391	4309 SEAWARD CIRCLE
392	4312 SEAWARD CIRCLE
393	4308 SEAWARD CIRCLE
394	4304 SEAWARD CIRCLE
395	4300 SEAWARD CIRCLE
396	8015 FOUR QUARTER ROAD

SHEET INDEX CHART	
SHEET	DESCRIPTION
SHEET 1	TITLE SHEET, HOUSE TYPES & TEMPLATES (LENNAR CORPORATION)
SHEET 2	HOUSE TYPES & TEMPLATES (PATRIOT HOMES)
SHEET 3	SITE DEVELOPMENT PLAN LOTS 358,359, 380-382 & 389-396
SHEET 4	SEDIMENT/EROSION CONTROL PLAN LOTS 358,359, 380-382 & 389-396
SHEET 5	SEDIMENT/EROSION CONTROL NOTES & DETAILS

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+	SPOT ELEVATION
▭	PROPOSED WALKOUT
→	DRAINAGE FLOW
EARTH	EARTH DIKE
TP/S	SUPER SILT FENCE
SS/S	SUPER SILT FENCE
ECM	EROSION CONTROL MATTING
LOD	LIMIT OF DISTURBANCE
●	EX. STREET TREE TAKEN FROM F-03-208
○	SOIL BORING FOR SWM

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE BLDG. - 10272 BALTIMORE NATIONAL FREE  
ELLCOTT CITY, MARYLAND 21042  
410.461.3025

**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*Earl D. Collins*  
Earl D. Collins, Engineer  
Date: 12/9/05

**BUILDER/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 any 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.  
*Bruce Harvey* (LENNAR CORPORATION)  
*Cindy Hartzberry* (PATRIOT HOMES)  
Date: 12-9-05  
Date: 12/9/05

Reviewed for HOWARD SCD and meets Technical Requirements.  
U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Howard SCD  
Date: *[Signature]*

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Cindy Hammett*  
Chief, Division of Development  
Date: 3/14/06  
*[Signature]*  
Chief, Development Engineering Division  
Date: 2/15/06  
*[Signature]*  
Director - Department of Planning and Zoning

**OWNER/BUILDER**  
PATRIOT HOMES, INC.  
1021 WINCOPIN CIRCLE  
SUITE 300  
COLUMBIA, MARYLAND 21044  
410-997-5522

**LENNAR CORPORATION**  
10230 NEW HAMPSHIRE AVENUE  
SUITE 300  
SILVER SPRING, MARYLAND 20903  
410-451-5933

**DEVELOPER**  
BONNIE BRANCH CORPORATION  
P.O. BOX 396  
ELLCOTT CITY, MD. 21043  
410-465 1952

PROJECT: AUTUMN VIEW  
SECTION: SECTION 5 PHASE 4 & 5  
LOTS NO.: 5/4 358,359, & 5/5 380-382 & 389-396

PLAT: 15533-16535 & 16582  
BLOCK NO.: 21  
WATER CODE: F05

ZONE: R-ED  
TAX/ZONE: 25 & 31  
SEWER CODE: 1252.300

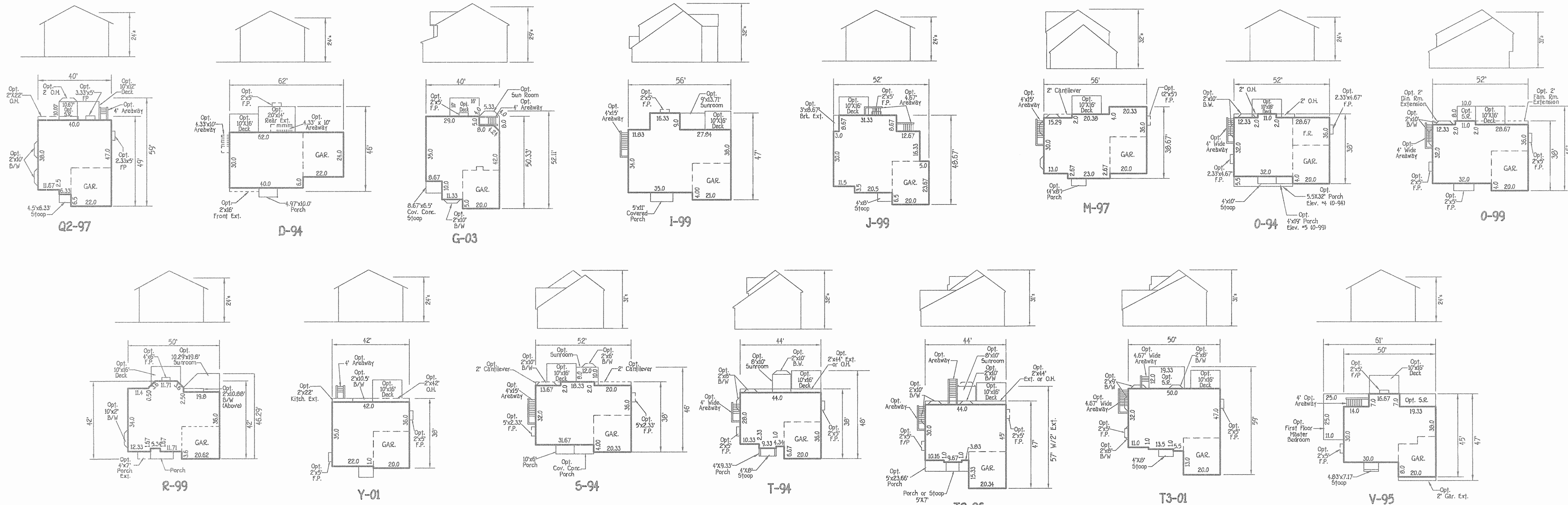
ELEC. DIST.: SECOND  
CENSUS TR.: 6028

TITLE SHEET  
SINGLE FAMILY DETACHED  
**AUTUMN VIEW**  
SECTION 5 PHASE 4, LOTS 358 & 359  
SECTION 5 PHASE 5, LOTS 380-382 & 389-396

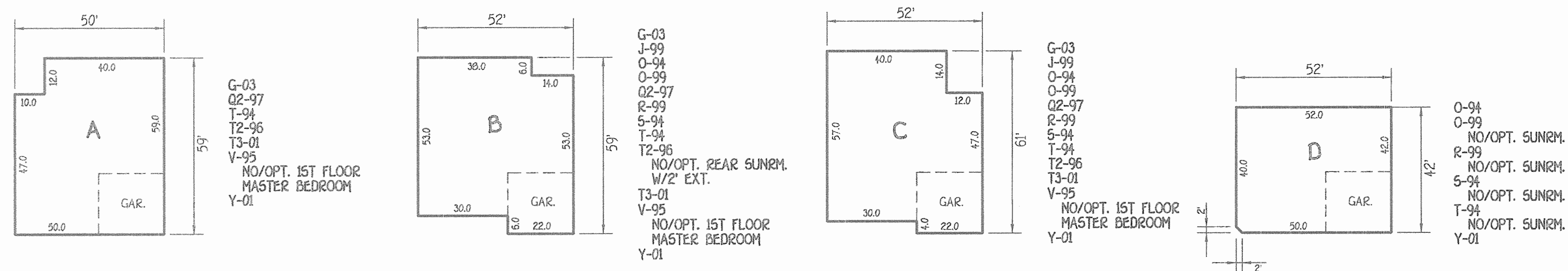
TAX MAP NO'S: 25 & 31  
PARCEL NO.: 75  
GRID NO.: 21  
SECOND ELECTION DISTRICT: HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30'  
DATE: JUNE, 2005  
SHEET 1 OF 5

**SDP 05-150**



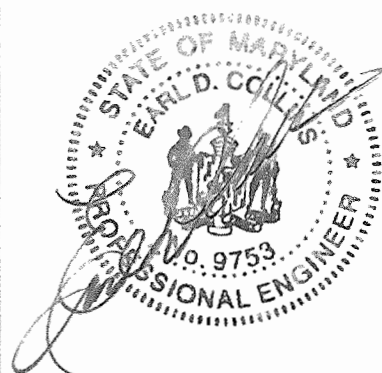


PATRIOT HOUSE TYPICALS



PATRIOT GENERIC BOXES

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK • 18277 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21114  
 USA 410-285-2255



**ENGINEER'S CERTIFICATE**  
 I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
 Signature of Engineer: *Earl D. Collins* Date: 12-9-05  
 EARL D. COLLINS  
**BUILDER/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 any 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 Builder/Developer: *Bruce Harvey* Date: 12-9-05  
 Signature of Developer: *Cindy Hantzberry* Date: 12/9/05  
 BRUCE HARVEY (LENNAR CORPORATION)  
 CINDY HANTZBERRY (PATRIOT HOMES)

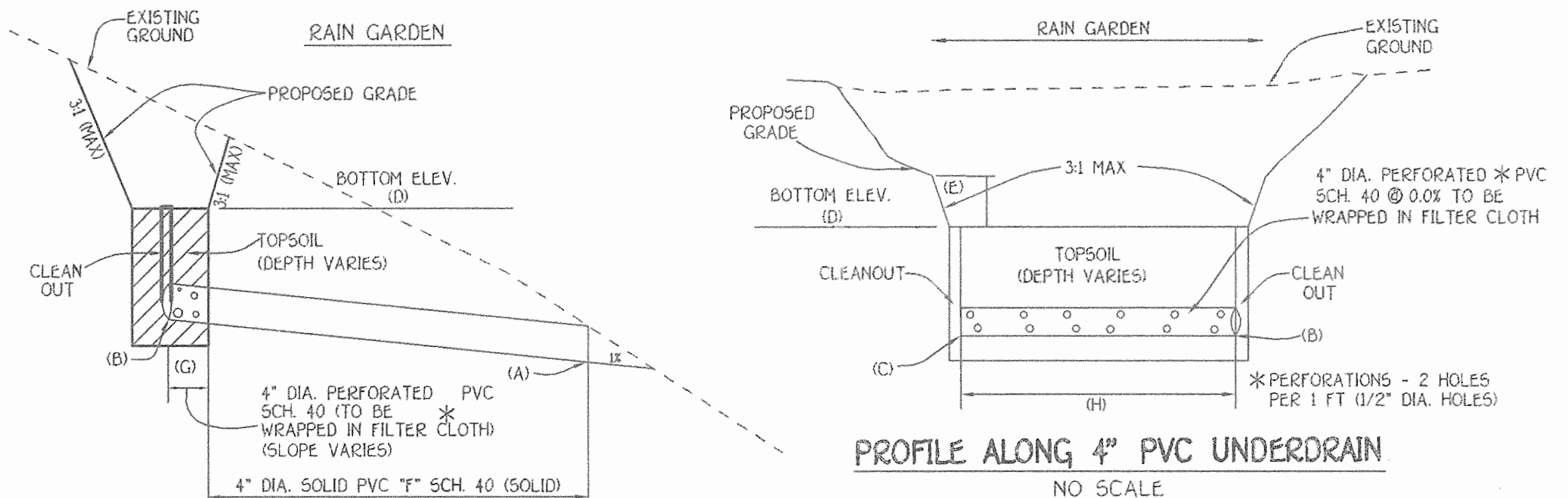
Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.D.A.-Natural Resources Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *[Signature]* Date: *[Date]*  
 HOWARD SCD  
 U.S.D.A.-Natural Resources Conservation Service  
 10211 WINDOPIN CIRCLE, SUITE 300, COLUMBIA, MARYLAND 21044  
 410-997-5922  
 LENNAR CORPORATION  
 10230 NEW HAMPSHIRE AVENUE, SUITE 300, SILVER SPRING, MARYLAND 20903  
 410-451-5933  
 BONNIE BRANCH CORPORATION  
 P.O. BOX 398, ELLICOTT CITY, MD. 21043  
 410-465-1952

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Planning and Zoning Development: *[Signature]* Date: 3/15/06  
 Chief, Development Engineering Division: *[Signature]* Date: 3/15/06  
 Director - Department of Planning and Zoning: *[Signature]* Date: 3/15/06  
 PROJECT: AUTUMN VIEW  
 SECTION 5 PHASE 4 & 5  
 LOTS NO. 5/4 380-359 & 5/5 380-382 & 389-396  
 PLAT: 10533-15535 & 15592  
 BLOCK NO. 21  
 ZONE: R-ED  
 TAX/ZONE: 25 & 31  
 ELEC. DIST.: SECOND  
 CENSUS TR.: 6020  
 WATER CODE: F05  
 SEWER CODE: 1252300

HOUSE TYPES & TEMPLATES (PATRIOT HOMES)  
 SINGLE FAMILY DETACHED  
**AUTUMN VIEW**  
 SECTION 5 PHASE 4, LOTS 350 & 359  
 SECTION 5 PHASE 5, LOTS 380-382 & 389-396  
 TAX MAP NO.'S: 25 & 31 PARCEL NO.: 75 GRID NO.: 21  
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: JUNE, 2005  
 SHEET 2 OF 5

K:\Drawings\051515 Autumn View\_SDC SDP PHASE 4 & 5\051515Cover Phase 4 & 5 (Plan) (Jan 2005).dwg, 12/09/2005 1:44:30 PM, 1:30





RAIN GARDEN DATA								
RAIN GARDEN	A	B	C	D	E	F	G	H
A	381.50	381.65	381.65	381.70	382.20	10'	2'	5'
B	374.00	375.00	375.00	379.00	377.50	10'	2'	5'
C	376.60	376.65	376.65	376.80	377.30	10'	2'	5'
D	378.80	378.15	378.15	378.80	379.30	10'	2'	5'
E	378.00	378.15	378.15	379.20	379.70	10'	2'	5'
F	372.00	371.85	371.85	375.00	375.50	10'	2'	5'
G	373.50	374.00	374.00	376.00	376.50	10'	2'	5'
H	376.00	376.50	376.50	378.50	379.00	10'	2'	5'

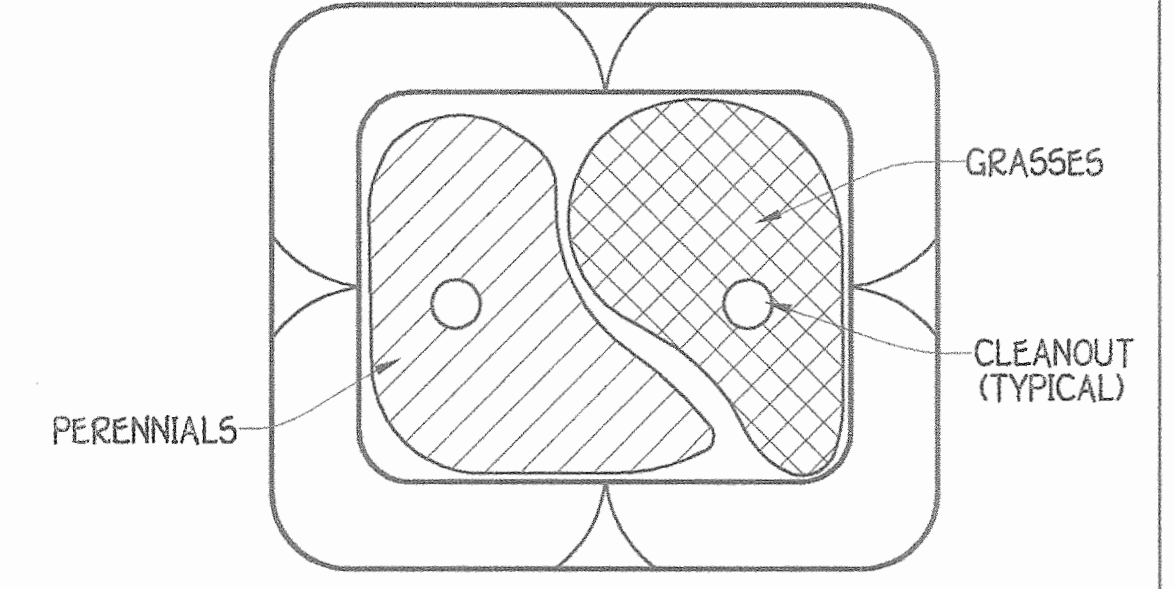
RAIN GARDENS "A" THRU "H" PLANT MATERIAL		
QUANTITY	NAME	MAXIMUM SPACING (FT.)
10	CUT-LEAF CONEFLOWER	1 FT.
15	TRIDESCAN ASTER	1 FT.

NOTE: PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE RAIN GARDEN

PERENNIALS \*  
(E.G. VIRGINIA SAXIFRAGE, CUT-LEAF CONEFLOWER, CRESTED SEDGE)

GRASSES \*  
(E.G. RED FESCUE, TUFTED FOXTAIL, GROVE BLUEGRASS)

\* SEE PLANT MATERIAL CHARTS FOR QUANTITIES AND SPACING



TYPICAL PLANTING PLAN FOR RAINGARDENS "A" THRU "H"  
NOT TO SCALE

- OPERATION, MAINTENANCE AND INSPECTION FOR SHALLOW MARSH**
- INSPECT FOREBAY AFTER EACH STORM IF SEDIMENT BUILDUP EXCEEDS FOUR (4) INCHES. THE OWNER WILL REMOVE AND DISPOSE OF PROPERLY.
  - REMOVAL OF ACCUMULATED PAPER, TRASH AND DEBRIS AFTER EVERY STORM, AS NECESSARY.
  - ANNUAL INSPECTION AND REPAIR OF THE EMBANKMENTS AS NEEDED.
  - VEGETATION GROWING ON THE EMBANKMENT TOP OR FACES, IS NOT ALLOWED TO EXCEED 15 INCHES IN HEIGHT AT ANYTIME.
  - CORRECTIVE MAINTENANCE IS REQUIRED ANYTIME THE FOREBAY DOES NOT DRAIN DOWN TO THE DESIGNED SURFACE ELEVATION WITHIN 60 HOURS.
  - THIS FACILITY IS TO BE MAINTAINED BY THE OWNER OF PARCEL 5-A.

KEY	WATER QUALITY PLANTING NO.
SL	18
SA	9
CO	9
PV	18
PC	9

PRIMARY WETLAND VEGETATION			
PLANT SPECIES	SIZE	REMARKS	
SAGITTARIA LATIFOLIA (SL)	ROOTS	36" O.C.	
DUCK POTATO	ROOTS	36" O.C.	
SCIRPUS AMERICANS (SA)	ROOTS	36" O.C.	
DUCK POTATO	ROOTS	36" O.C.	

SECONDARY WETLAND VEGETATION			
PLANT SPECIES	SIZE	REMARKS	
CEPHALANTHUS OCCIDENTALS (SL)	ROOTS	36" O.C.	
BUTTON BUSH	ROOTS	36" O.C.	
PELTANDRA VIRGINICA (PV)	ROOTS	36" O.C.	
DUCK POTATO	ROOTS	36" O.C.	
PONTEROSA CODATA (PV)	ROOTS	36" O.C.	
PICKEREL WEEB			

- NOTES:
- ALL PLANT MATERIAL TO BE WET GROWN OR ADAPTED TO WETLAND CONDITIONS.
  - ALTERATIONS TO THE PROPOSED GRADING SHOWN MAY AFFECT THE SUCCESS OF THE PLANT MATERIAL.
  - CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO GRADING.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10270 BALTIMORE NATIONAL PARK  
ELLCOTT CITY, MARYLAND 21042  
410-461-2292

**STATE OF MARYLAND**  
DEPARTMENT OF GENERAL SERVICES  
DIVISION OF PROFESSIONAL ENGINEERING  
1000 PENNSYLVANIA AVENUE  
BOSTON, MARYLAND 21046  
410-326-7373

**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
Signature of Engineer: *Earl D. Collins* Date: 12-9-05  
Earl D. Collins

**BUILDER/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 any 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 Owner/Builder: *Paul Harvey* Date: 12-9-05  
Signature of Developer: *Cindy Mintzberry* Date: 12/9/05  
Paul Harvey (PATRIOT HOMES)  
CINDY MINTZBERRY (PATRIOT HOMES)

Reviewed by HOWARD SCD and meets Technical Requirements.  
*John Ryan / ca* Date: 3/16/06  
U.S.D.A.-National Resources Conservation Service  
This development is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Howard SCD Date: 3/16/06

**OWNER/BUILDER**  
PATRIOT HOMES, INC. 10211 WINCOPIN CIRCLE SUITE 300 COLUMBIA, MARYLAND 21044 410-297-5522

**DEVELOPER**  
LENNAR CORPORATION 10230 NEW HAMPSHIRE AVENUE SUITE 300 SILVER SPRING, MARYLAND 20903 410-451-5933

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Cinda Hamstra* Date: 3/14/06  
Chief, Division of Land Development  
*John Williams* Date: 3/12/06  
Chief, Development Engineering Division  
*John Williams* Date: 3/15/06  
Director - Department of Planning and Zoning

PROJECT: AUTUMN VIEW SECTION 5 PHASE 4 & 5  
SEWER CODE: 1252300

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16533-16535 & 16582	21	R-ED	25 & 31	SECOND	6028

WATER CODE: F05

**SITE DEVELOPMENT PLAN**  
SINGLE FAMILY DETACHED  
**AUTUMN VIEW**  
SECTION 5 PHASE 4, LOTS 350 & 359  
SECTION 5 PHASE 5, LOTS 380-382 & 389-396  
TAX MAP NO'S: 25 & 31 PARCEL NO: 75 GRID NO: 21  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: JUNE, 2005  
SHEET 3 OF 5

K:\Drawings 661817 Admin View SDCP PHASE 4 & 5 051915 Sdp.Lots.350,359 & 389-396.dwg, 12/9/05 2:21:43 PM, 130

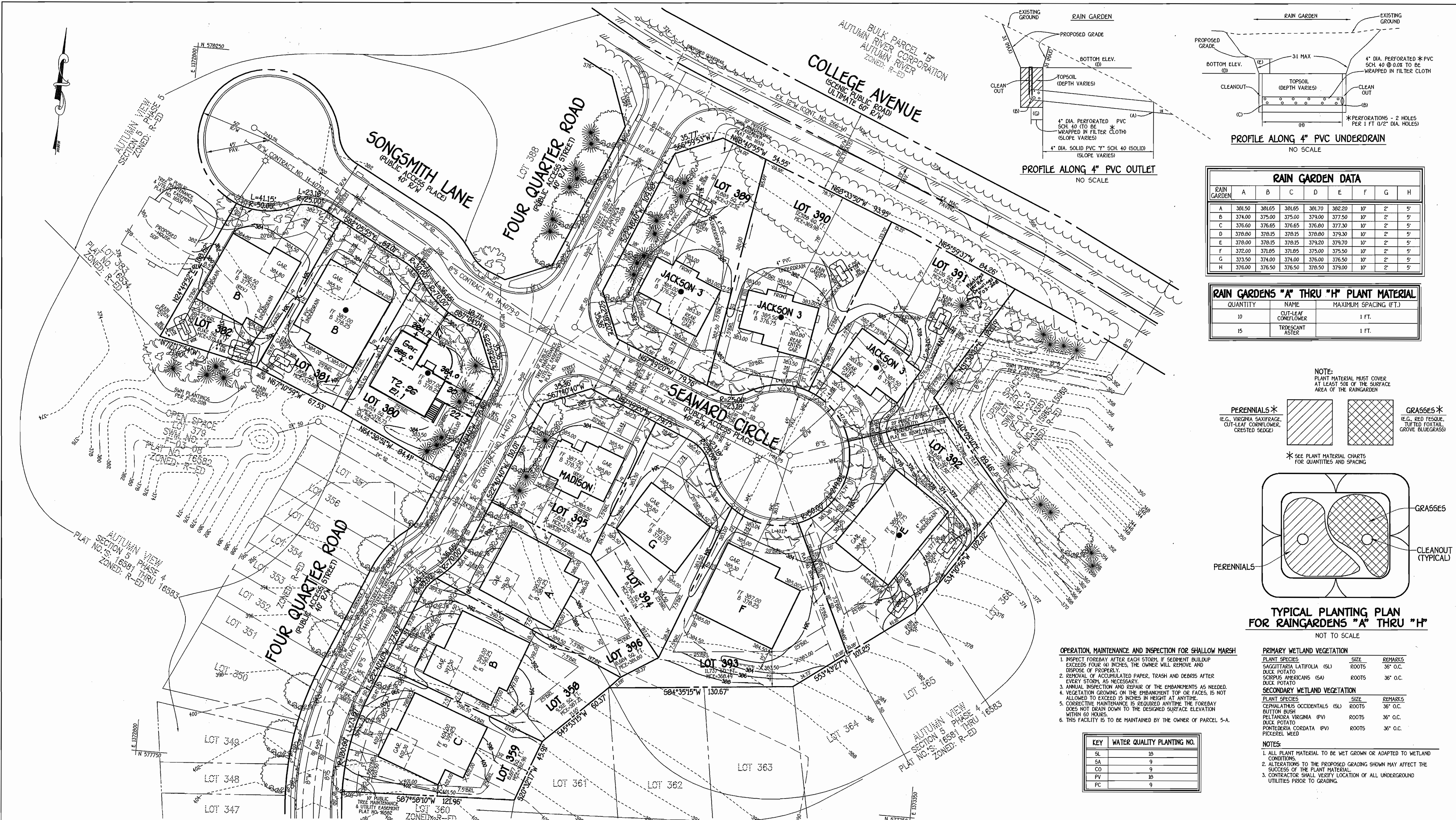












**RAIN GARDEN DATA**

RAIN GARDEN	A	B	C	D	E	F	G	H
A	381.50	381.65	381.65	381.70	382.20	10'	2'	5'
B	374.00	375.00	375.00	379.00	377.50	10'	2'	5'
C	376.60	376.65	376.65	376.80	377.30	10'	2'	5'
D	378.80	378.15	378.15	378.80	379.30	10'	2'	5'
E	378.00	378.15	378.15	379.20	379.70	10'	2'	5'
F	372.00	371.85	371.85	375.00	375.50	10'	2'	5'
G	373.50	374.00	374.00	376.00	376.50	10'	2'	5'
H	376.00	376.50	376.50	378.50	379.00	10'	2'	5'

**RAIN GARDENS "A" THRU "H" PLANT MATERIAL**

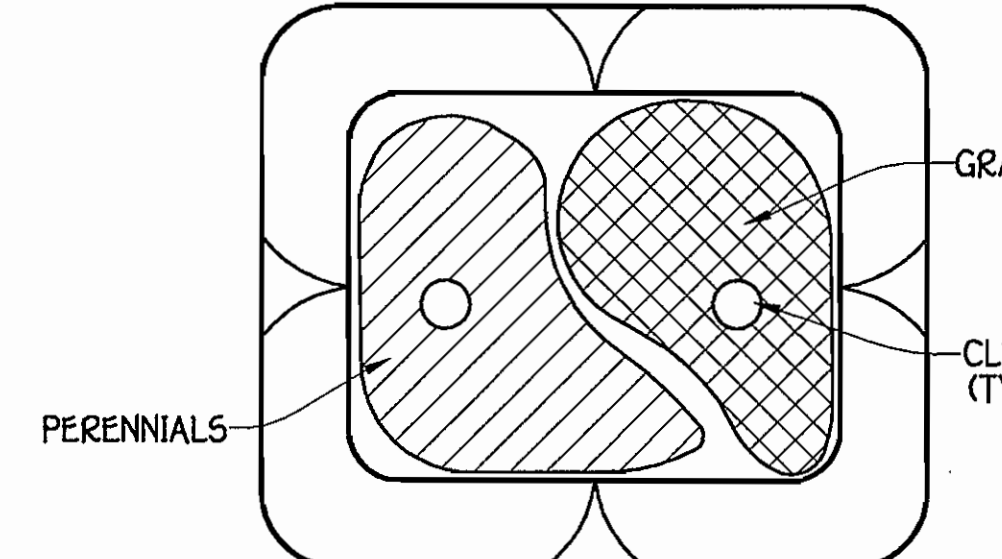
QUANTITY	NAME	MAXIMUM SPACING (FT.)
10	CUT-LEAF CONEFLOWER	1 FT.
15	TRESCANT ASTER	1 FT.

**NOTE:**  
PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE RAINGARDEN

**PERENNIALS\***  
(E.G. VIRGINIA SAXIFRAGE, CUT-LEAF CONEFLOWER, CRESTED SEDGE)

**GRASSES\***  
(E.G. RED FESCUE, TUFTED FOXTAIL, GROVE BLUEGRASS)

\* SEE PLANT MATERIAL CHARTS FOR QUANTITIES AND SPACING



**TYPICAL PLANTING PLAN FOR RAINGARDENS "A" THRU "H"**  
NOT TO SCALE

- OPERATION, MAINTENANCE AND INSPECTION FOR SHALLOW MARSH**
1. INSPECT FOREBAY AFTER EACH STORM. IF SEDIMENT BUILDUP EXCEEDS FOUR (4) INCHES, THE OWNER WILL REMOVE AND DISPOSE OF PROPERLY.
  2. REMOVAL OF ACCUMULATED PAPER, TRASH AND DEBRIS AFTER EVERY STORM, AS NECESSARY.
  3. ANNUAL INSPECTION AND REPAIR OF THE EMBANKMENTS AS NEEDED.
  4. VEGETATION GROWING ON THE EMBANKMENT TOP OR FACES, IS NOT ALLOWED TO EXCEED 15 INCHES IN HEIGHT AT ANYTIME.
  5. CORRECTIVE MAINTENANCE IS REQUIRED ANYTIME THE FOREBAY DOES NOT DRAIN DOWN TO THE DESIGNED SURFACE ELEVATION WITHIN 60 HOURS.
  6. THIS FACILITY IS TO BE MAINTAINED BY THE OWNER OF PARCEL 5-A.

**KEY WATER QUALITY PLANTING NO.**

SL	10
SA	9
CO	9
PV	10
PC	9

**PRIMARY WETLAND VEGETATION**

PLANT SPECIES	SIZE	REMARKS
SAGITTARIA LATIFOLIA (SL)	ROOTS	36" O.C.
DUCK POTATO	ROOTS	36" O.C.
SCIRPUS AMERICANS (SA)	ROOTS	36" O.C.
DUCK POTATO	ROOTS	36" O.C.

**SECONDARY WETLAND VEGETATION**

PLANT SPECIES	SIZE	REMARKS
CERPHALATHUS OCCIDENTALS (SL)	ROOTS	36" O.C.
BUTTON BUSH	ROOTS	36" O.C.
PELTANDIA VIRGINIA (PV)	ROOTS	36" O.C.
DUCK POTATO	ROOTS	36" O.C.
PONTEDERIA CORDATA (PV)	ROOTS	36" O.C.
PICKEREL WEED	ROOTS	36" O.C.

**NOTES:**

1. ALL PLANT MATERIAL TO BE WET GROWN OR ADAPTED TO WETLAND CONDITIONS.
2. ALTERATIONS TO THE PROPOSED GRADING WORK MAY AFFECT THE SUCCESS OF THE PLANT MATERIAL.
3. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO GRADING.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
(410) 461-2299

**ENGINEER'S CERTIFICATE**  
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
Signature of Engineer: *Earl D. Collins* Date: 12/9/05  
Earl D. Collins, Professional Engineer, No. 9753

**BUILDER/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 any 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 Builder/Developer: *Bruce Harvey* Date: 12/9/05  
*Cindy Hantzberry* Date: 12/9/05  
Bruce Harvey, Lennar Corporation  
Cindy Hantzberry, Patriot Homes

1. Rev. hse. lot 380 12/1/06

Reviewed by HOWARD SCD and meets Technical Requirements.  
Signature: *Howard SCD* Date: 3/9/06

U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Signature: *Howard SCD* Date: 3/9/06

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Signature: *Cindy Hantzberry* Date: 3/14/06  
Signature: *Steve Hantzberry* Date: 3/13/06  
Signature: *Steve Hantzberry* Date: 3/15/06  
Director - Department of Planning and Zoning

**OWNER/BUILDER**  
PATRIOT HOMES, INC. 10230 NEW HAMPSHIRE AVENUE SUITE 300 COLUMBIA, MARYLAND 21044 410-997-5522  
LENNAR CORPORATION 10230 NEW HAMPSHIRE AVENUE SUITE 300 SILVER SPRING, MARYLAND 20903 410-451-5933

**DEVELOPER**  
BONNIE BRANCH CORPORATION P.O. BOX 396 ELICOTT CITY, MD. 21043 410-465 1952

**PROJECT**  
AUTUMN VIEW SECTION 5 PHASE 4 & 5 358,359, 380-382 & 389-396

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16533-16535 & 16582	21	R-ED	25 & 31	SECOND	602B

**WATER CODE** F05 **SEWER CODE** 1252300

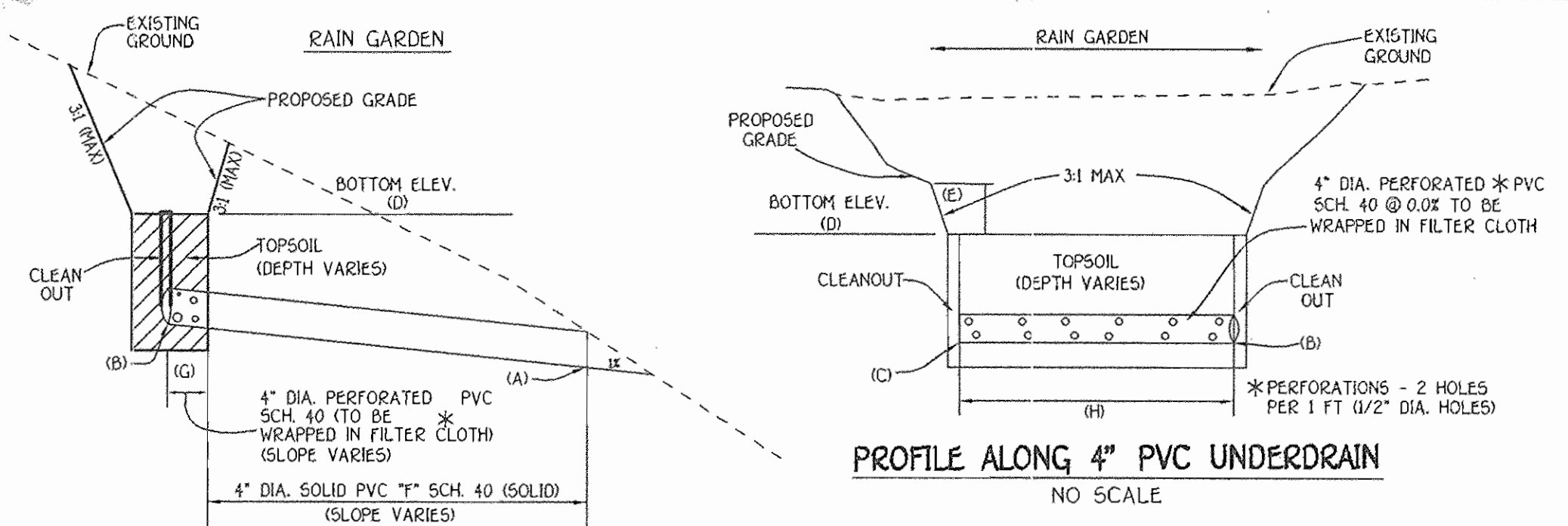
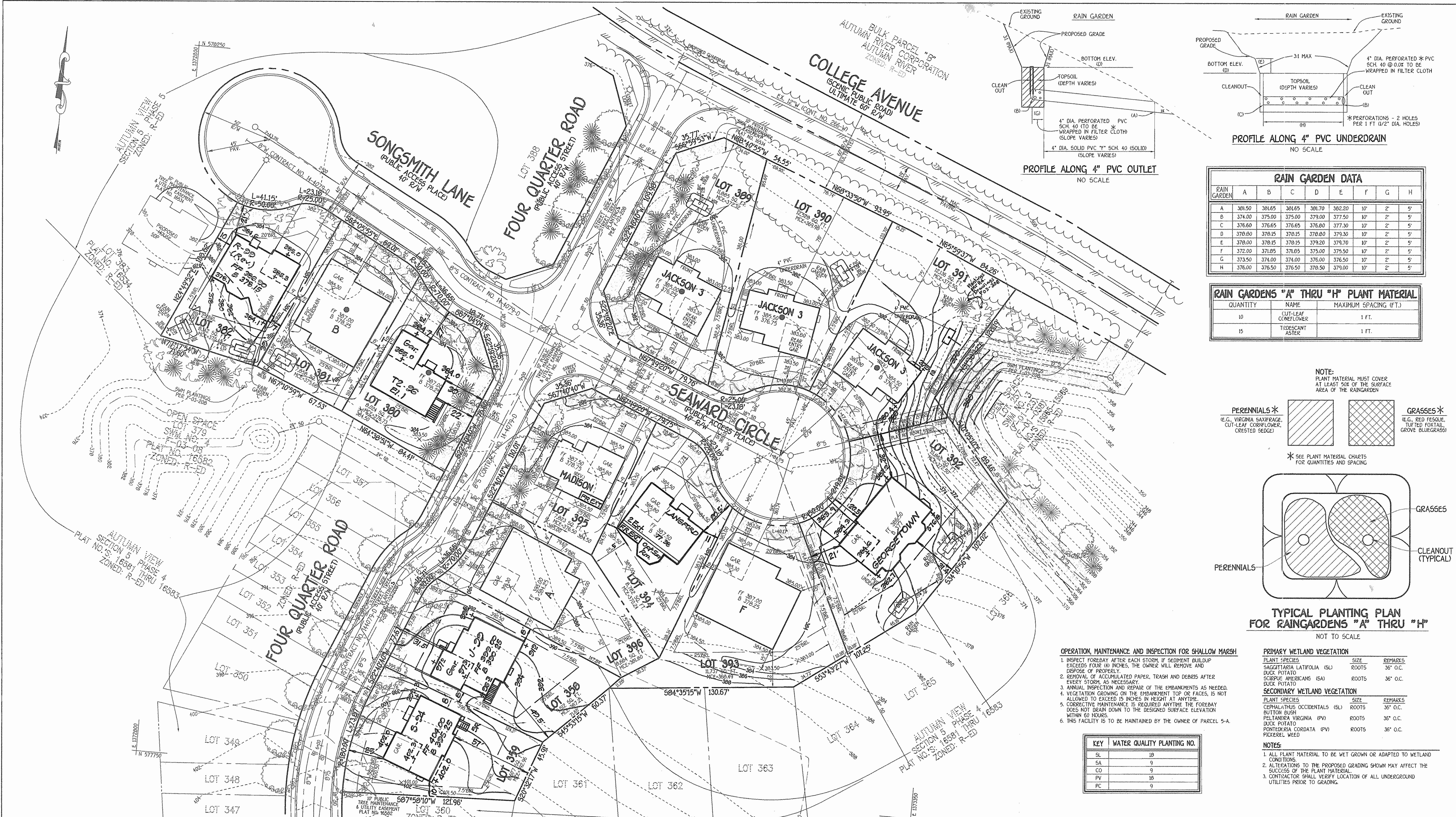
**SITE DEVELOPMENT PLAN**

**SINGLE FAMILY DETACHED AUTUMN VIEW**

SECTION 5 PHASE 4, LOTS 358 & 359  
SECTION 5 PHASE 5, LOTS 380-382 & 389-396

TAX MAP NO.'S: 25 & 31 PARCEL NO.: 75 GRID NO.: 21  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: JUNE, 2005  
SHEET 3 OF 5





**RAIN GARDEN DATA**

RAIN GARDEN	A	B	C	D	E	F	G	H
A	381.50	381.65	381.65	381.70	382.20	10'	2'	5'
B	374.00	375.00	375.00	379.00	377.50	10'	2'	5'
C	376.60	376.65	376.65	376.60	377.30	10'	2'	5'
D	378.80	378.15	378.15	378.80	379.30	10'	2'	5'
E	378.00	378.15	378.15	379.20	379.70	10'	2'	5'
F	372.00	371.85	371.85	375.00	375.50	10'	2'	5'
G	373.50	374.00	374.00	376.00	376.50	10'	2'	5'
H	376.00	376.50	376.50	378.50	379.00	10'	2'	5'

**RAIN GARDENS "A" THRU "H" PLANT MATERIAL**

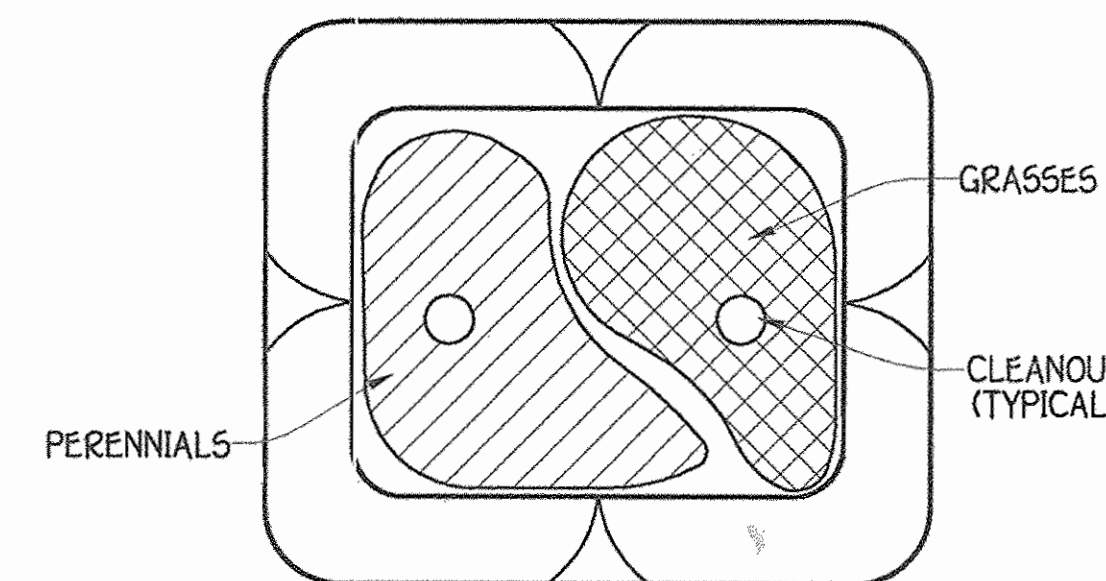
QUANTITY	NAME	MAXIMUM SPACING (FT.)
10	CUT-LEAF CONEFLOWER	1 FT.
15	TRIDESCANIT ASTER	1 FT.

**NOTE:**  
PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE RAIN GARDEN

**PERENNIALS\***  
(E.G. VIRGINIA SAXIFRAGE, CUT-LEAF CONEFLOWER, CRESTED SEDGE)

**GRASSES\***  
(E.G. RED FESCUE, TUFTED FOXTAIL, GROVE BLUEGRASS)

\* SEE PLANT MATERIAL CHARTS FOR QUANTITIES AND SPACING



- OPERATION, MAINTENANCE AND INSPECTION FOR SHALLOW MARSH**
- INSPECT FOREBAY AFTER EACH STORM. IF SEDIMENT BUILDUP EXCEEDS FOUR (4) INCHES, THE OWNER WILL REMOVE AND DEPOSE OF PROPERLY.
  - REMOVAL OF ACCUMULATED PAPER, TRASH AND DEBRIS AFTER EVERY STORM, AS NECESSARY.
  - ANNUAL INSPECTION AND REPAIR OF THE EMBANKMENTS AS NEEDED.
  - VEGETATION GROWING ON THE EMBANKMENT TOP OR FACES, IS NOT ALLOWED TO EXCEED 15 INCHES IN HEIGHT AT ANYTIME.
  - CORRECTIVE MAINTENANCE IS REQUIRED ANYTIME THE FOREBAY DOES NOT DRAIN DOWN TO THE DESIGNED SURFACE ELEVATION WITHIN 60 HOURS.
  - THIS FACILITY IS TO BE MAINTAINED BY THE OWNER OF PARCEL 5-A.

**KEY WATER QUALITY PLANTING NO.**

SL	10
SA	9
CO	9
PV	10
PC	9

**PRIMARY WETLAND VEGETATION**

PLANT SPECIES	SIZE	REMARKS
SAGITTARIA LATIFOLIA (SL)	ROOTS	36" O.C.
BUCK POTATO SCIERPHE AMERICANA (SA)	ROOTS	36" O.C.
BUCK POTATO SCIERPHE AMERICANA (SA)	ROOTS	36" O.C.

**SECONDARY WETLAND VEGETATION**

PLANT SPECIES	SIZE	REMARKS
CEPHALOTHUS OCCIDENTALS (SL)	ROOTS	36" O.C.
PELTANDIA VIRGINICA (PV)	ROOTS	35" O.C.
BUCK POTATO SCIERPHE AMERICANA (SA)	ROOTS	36" O.C.
POTAMOGETON PERFORATUS (PV)	ROOTS	36" O.C.
POTAMOGETON PERFORATUS (PV)	ROOTS	36" O.C.

- NOTES:**
- ALL PLANT MATERIAL TO BE WET GROWN OR ADAPTED TO WETLAND CONDITIONS.
  - ALTERATIONS TO THE PROPOSED GRADING SHOWN MAY AFFECT THE SUCCESS OF THE PLANT MATERIAL.
  - CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO GRADING.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL FIRE  
ELICOTT CITY, MARYLAND 21042  
4107 461 - 2099

**REVISIONS**

NO.	REVISIONS	DATE
8	Rev. qrd. lot 391 to show ex. cond.	8-31-07
7	Rev. hse. & qrd. lot 392 to show ex. cond.	8-31-07
6	Rev. hse. & qrd. lot 393	5-11-07
5	Rev. qrd. lot 398 to show As-Built Cond.	5-8-07
4	Rev. hse. & qrd. lot 382 to show ex. conditions	4-27-07
3	Add FR Exp. to hse. on Lot 395	3-16-07
2	Rev. hse. lot 394 from G Box to Langford	2-27-07
1	Rev. hse. lot 380	12-1-06

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

Signature of Engineer: *Earl D. Collins* 12-9-05 Date  
Signature of Builder/Developer: *Bruce Harvey* 12-9-05 Date  
Signature of Developer: *Cindy Hantzberry* 12-9-05 Date

Reviewed for HOWARD SCD and meets Technical Requirements. 3/16/06 Date  
U.S.D.A.-Natural Resources Conservation Service  
This development is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Signature of Engineer: *Earl D. Collins* 3/16/06 Date  
Signature of Builder/Developer: *Bruce Harvey* 3/16/06 Date  
Signature of Developer: *Cindy Hantzberry* 3/16/06 Date

**OWNER/BUILDER**  
PATRIOT HOMES, INC. 10211 WINCOPIN CIRCLE SUITE 300 COLUMBIA, MARYLAND 21044 410-991-9522  
LENNAR CORPORATION 10230 NEW HAMPSHIRE AVENUE SUITE 300 SILVER SPRING, MARYLAND 20903 410-451-5933

**DEVELOPER**  
BONNIE BRANCH CORPORATION P.O. BOX 396 ELICOTT CITY, MD 21043 410-465 1952

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Signature of Chief, Division of Land Development: *Cindy Hammett* 3/14/06 Date  
Signature of Chief, Development Engineering Division: *David Williams* 3/13/06 Date  
Signature of Director - Department of Planning and Zoning: *Stephan Collette* 3/15/06 Date

PROJECT: AUTUMN VIEW  
SECTION: SECTION 5 PHASE 4 & 5  
LOTS NO.: 350,359, 380-382 & 389-396

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16533-16535 & 16582	21	R-ED	25 & 31	SECOND	6028

WATER CODE: F05  
SEWER CODE: 1252300

**SITE DEVELOPMENT PLAN**  
SINGLE FAMILY DETACHED  
**AUTUMN VIEW**  
SECTION 5 PHASE 4, LOTS 358 & 359  
SECTION 5 PHASE 5, LOTS 380-382 & 389-396  
TAX MAP NO.'S: 25 & 31 PARCEL NO.: 75 GRID NO.: 21  
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: JUNE, 2005  
SHEET 3 OF 5





**RAIN GARDEN DATA**

RAIN GARDEN	A	B	C	D	E	F	G	H
A	381.50	381.65	381.65	381.70	382.20	10'	2'	5'
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G	373.50	374.00	374.00	376.00	376.50	10'	2'	5'
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**RAIN GARDENS "A" THRU "H" PLANT MATERIAL**

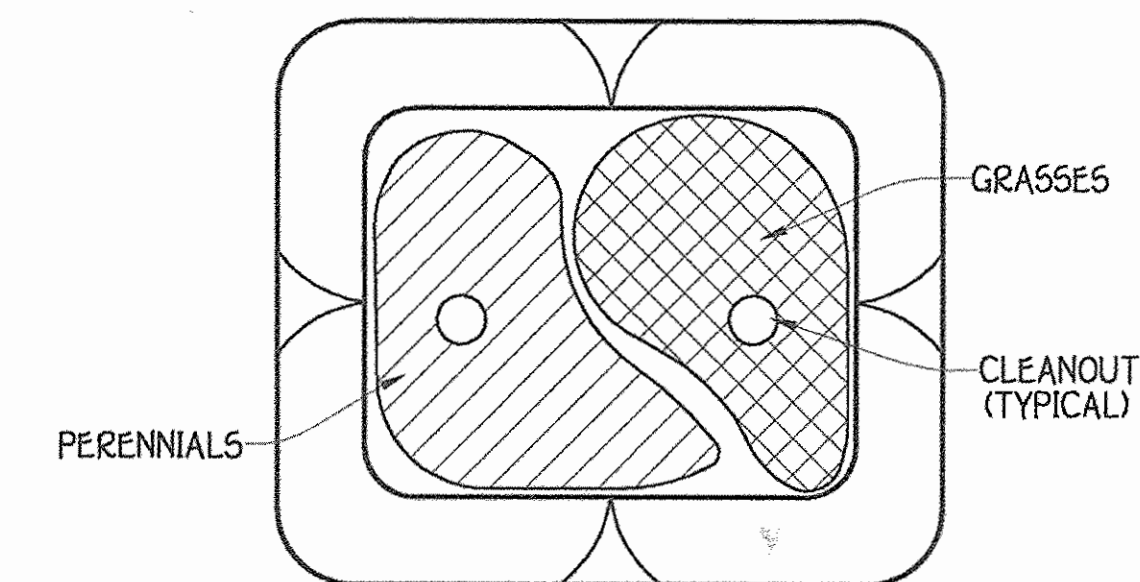
QUANTITY	NAME	MAXIMUM SPACING (FT.)
10	CUT-LEAF CORNFLOWER	1 FT.
15	TRESCANT ASTER	1 FT.

**NOTE:**  
PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE RAIN GARDEN

**PERENNIALS\***  
(E.G. VIRGINIA SAKIFRAGE, CUT-LEAF CORNFLOWER, CRESTED SEDGE)

**GRASSES\***  
(E.G. RED FESCUE, TUFTED FOXTAIL, GROVE BLUEGRASS)

\* SEE PLANT MATERIAL CHARTS FOR QUANTITIES AND SPACING



**TYPICAL PLANTING PLAN FOR RAIN GARDENS "A" THRU "H"**  
NOT TO SCALE

**OPERATION, MAINTENANCE AND INSPECTION FOR SHALLOW MARSH**

- INSPECT FOREBAY AFTER EACH STORM. IF SEDIMENT BUILDUP EXCEEDS FOUR (4) INCHES, THE OWNER WILL REMOVE AND DISPOSE OF PROPERLY.
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DUCK POTATO	ROOTS	36" O.C.
SICRUP AMERICANS (SA)	ROOTS	36" O.C.
DUCK POTATO	ROOTS	36" O.C.

**SECONDARY WETLAND VEGETATION**

PLANT SPECIES	SIZE	REMARKS
CEPHALOTHUS OCCIDENTALIS (SL)	ROOTS	36" O.C.
BUTTON BUSH	ROOTS	36" O.C.
PELTANERA VIRGINIA (PV)	ROOTS	36" O.C.
DUCK POTATO	ROOTS	36" O.C.
PONTERERIA CORDATA (PV)	ROOTS	36" O.C.
PICKEREL WEEB	ROOTS	36" O.C.

**KEY WATER QUALITY PLANTING NO.**

SL	18
SA	9
CO	9
PV	9
PC	9

**REVISIONS**

NO.	REVISIONS	DATE
10	Rev. hse. & grd. lot 380	12-10-07
9	Rev. hse. & grd. lot 386 to show ex. cond.	12-6-07
8	Rev. grd. lot 391 to show ex. cond.	8-31-07
7	Rev. hse. & grd. lot 392 to show ex. cond.	8-31-07
6	Rev. hse. & grd. lot 359	5-11-07
5	Rev. grd. lot 358 to show As-Built Cond.	5-8-07
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Signature of Engineer: *Earl D. Collins* Date: 12-9-05  
Earl D. Collins, Professional Engineer

**BUILDER/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 any 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: *Bruce Harvey* Date: 12-9-05  
Bruce Harvey, Lennar Corporation

Signature: *Cindy Huntzberg* Date: 12-9-05  
Cindy Huntzberg, Patriot Homes

Reviewed by HOWARD SCD and meets Technical Requirements.

Signature: *John Lopez* Date: 3/16/06  
John Lopez, U.S.D.A.-Natural Resources Conservation Service

This development is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Signature: *John Lopez* Date: 3/9/06  
John Lopez, U.S.D.A.-Natural Resources Conservation Service

**OWNER/BUILDER**  
PATRIOT HOMES, INC. 10230 NEW HAMPSHIRE AVENUE SUITE 300 COLUMBIA, MARYLAND 21044 410-997-5522

**DEVELOPER**  
LENNAR CORPORATION 10230 NEW HAMPSHIRE AVENUE SUITE 300 SILVER SPRING, MARYLAND 20903 410-491-5933

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: *Cindy Huntzberg* Date: 3/16/06  
Cindy Huntzberg, Chief, Division of Land Development

Signature: *John Lopez* Date: 3/13/06  
John Lopez, Chief, Development Engineering Division

Signature: *John Lopez* Date: 3/15/06  
John Lopez, Director - Department of Planning and Zoning

PROJECT: AUTUMN VIEW SECTION 5 PHASE 4 & 5 LOTS NO. 358, 359, 380-382 & 389-396

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16533-16535 & 16582	21	R-ED	25 & 31	SECOND	6028

WATER CODE: F05 SEWER CODE: 1252300

**SITE DEVELOPMENT PLAN**

**SINGLE FAMILY DETACHED**

**AUTUMN VIEW**

SECTION 5 PHASE 4, LOTS 358 & 359  
SECTION 5 PHASE 5, LOTS 380-382 & 389-396

TAX MAP NO'S: 25 & 31 PARCEL NO: 75 GRID NO: 21  
SECOND ELECTION DISTRICT: HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: JUNE, 2005  
SHEET 3 OF 5

**FISHER, COLLINS & CARTER, INC.**  
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ELLSWORTH CITY, MARYLAND 21042  
410-481-2955

**SDP 05-150**