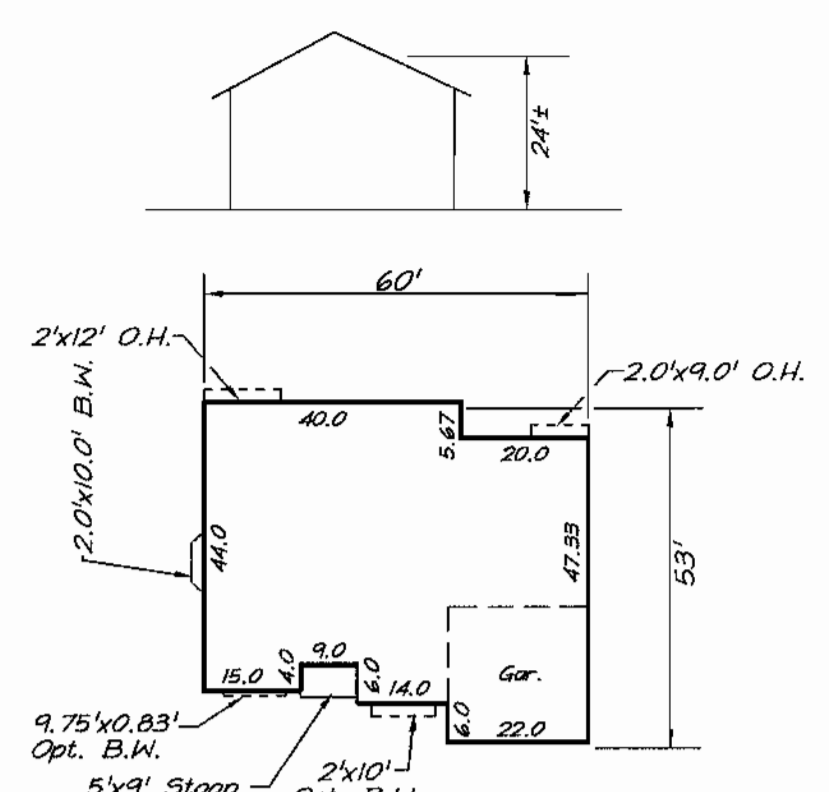
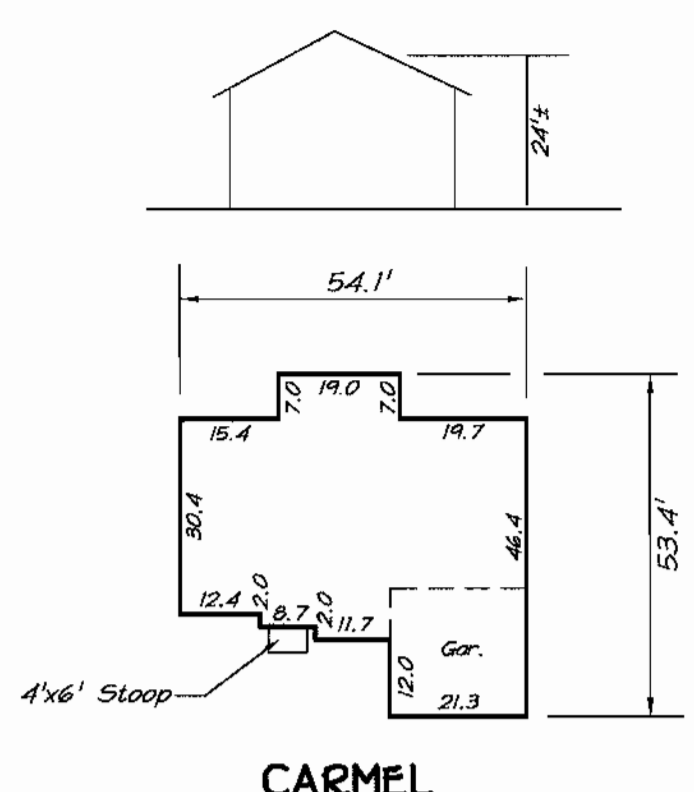


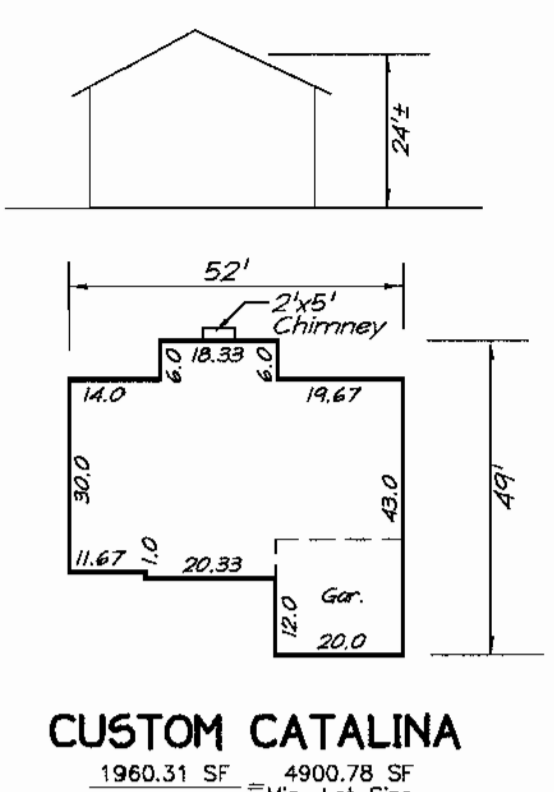
**BERKELEY II**  
2881.33 SF = 7203.33 SF  
0.4 Min. Lot Size  
w/all Options



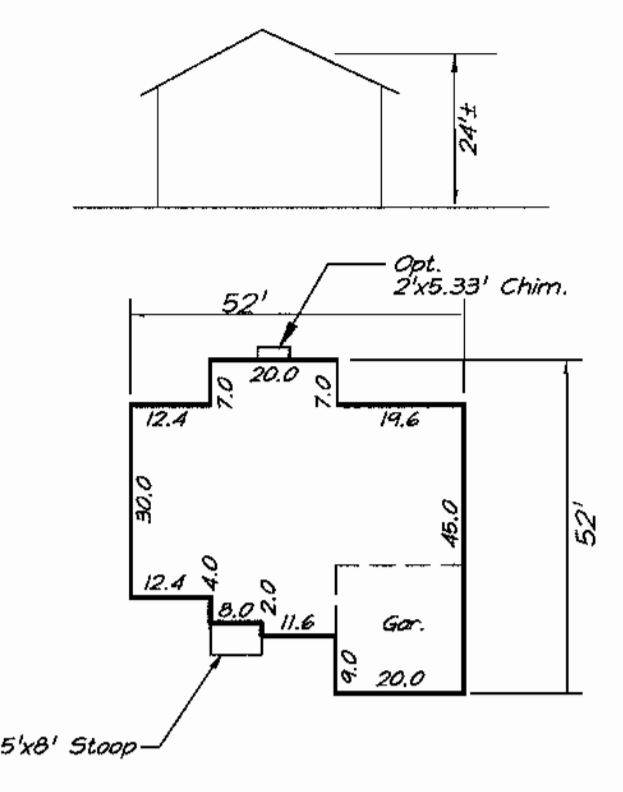
**CALIFORNIA**  
2840.69 SF = 7101.73 SF  
0.4 Min. Lot Size  
w/all Options



**CARMEL CATALINA III**  
1960.31 SF = 5456.60 SF  
0.4 Min. Lot Size  
w/all Options

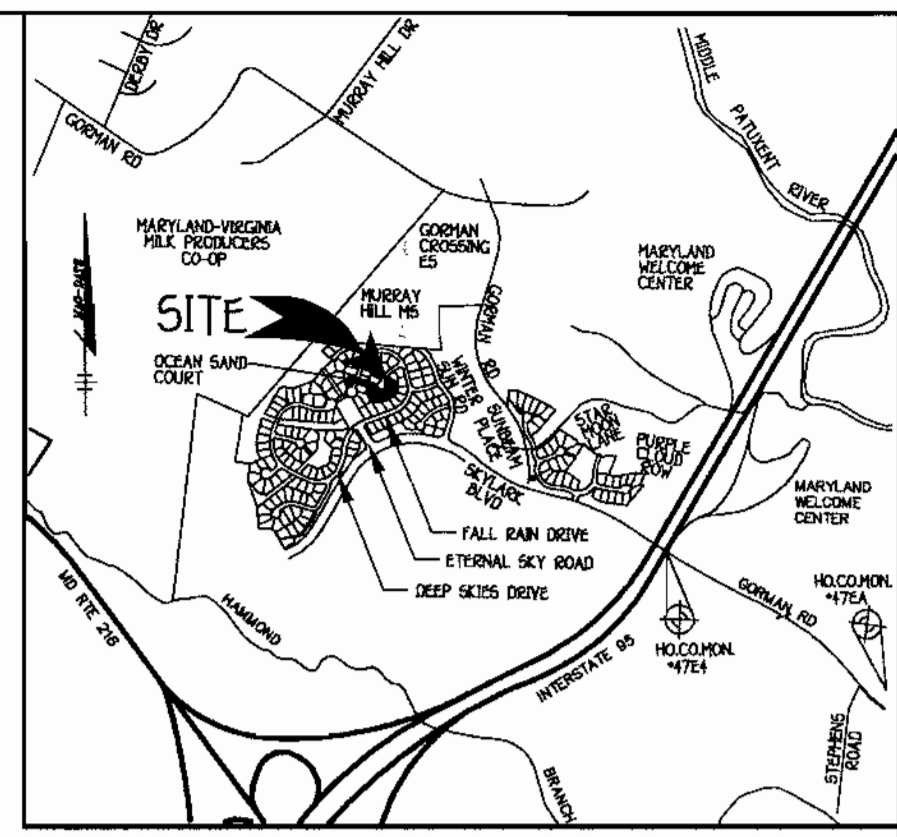


**CUSTOM CATALINA**  
1960.31 SF = 4900.78 SF  
0.4 Min. Lot Size  
w/all Options



**CUSTOM KIMBERLY**  
2111.60 SF = 5279.00 SF  
0.4 Min. Lot Size  
w/all Options

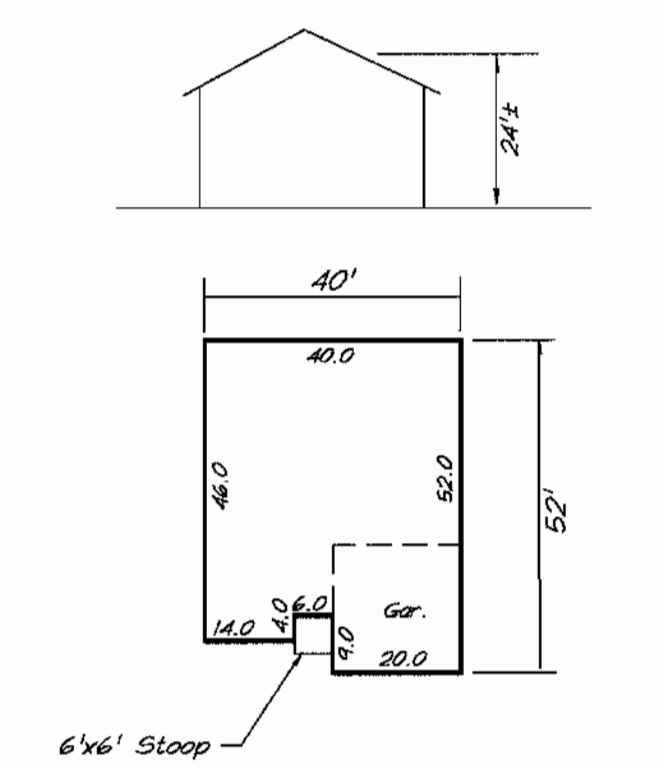
**BENCH MARKS**  
T.P. 47EA ELEV. 315.38  
N. 535,063.639  
E. 1,357,284.010  
LOC. NEAR THE INTERSECTION  
OF GORMAN RD. & STEVENS ROAD.  
  
T.P. 47EA ELEV. 339.00  
N. 535,846.148  
E. 1,355,431.223  
LOC. NEAR I-95 BRIDGE  
ALONG GORMAN ROAD



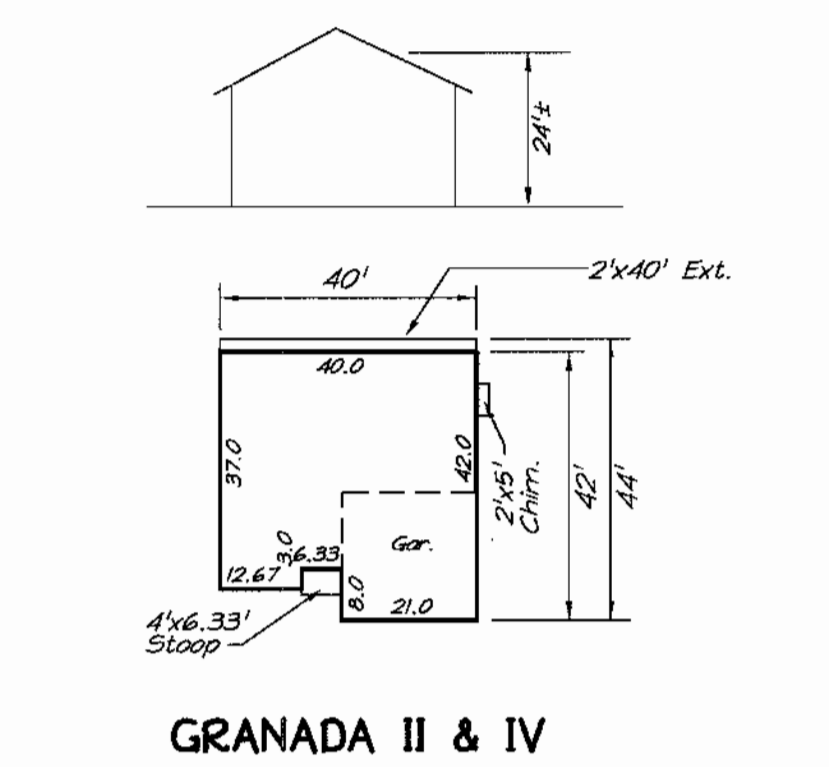
**VICINITY MAP**  
SCALE: 1" = 200'

**GENERAL NOTES**

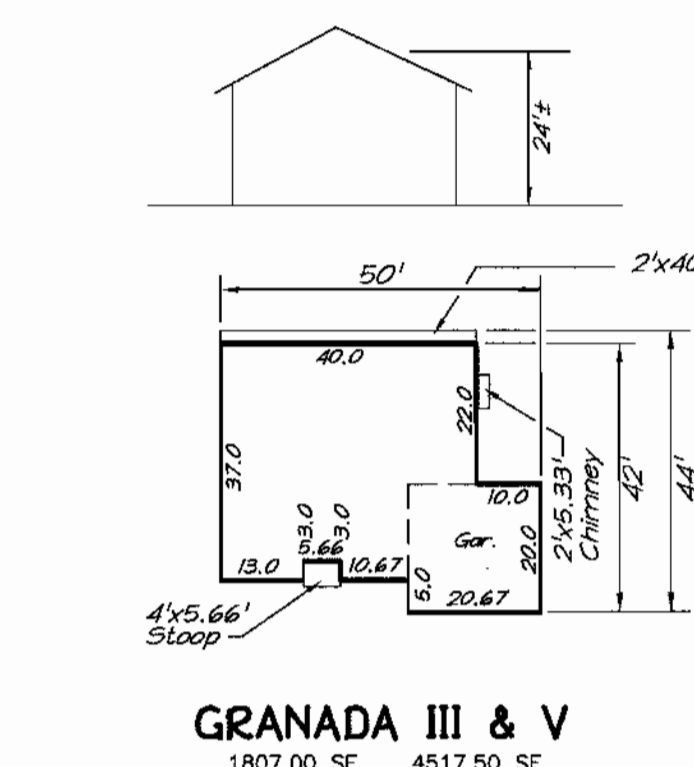
- SUBJECT PROPERTY IS ZONED PEC-MXD-3 AS GRANTED BY THE ZONING BOARD ON 9/3/98 AS CASE NO. ZB-979M.
- TOTAL AREA OF SITE: 1.0371 ACRES
- TOTAL NUMBER OF LOTS SUBMITTED: 5
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)313-1880 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START 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: ZB-979M, PB-339, 5-99-12, P-00-15, WP-01-22, F-01-137, WAS CONT. \*24-3966-D.
- THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE, 1999 BY DAFT MCCLINE WALKER, INC.
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.  
HOWARD COUNTY MONUMENT 47EA N 535063.639 E 1355431.224  
HOWARD COUNTY MONUMENT 47EA N 535063.639 E 1357284.010
- 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 RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION.  
FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F-01-137.  
AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3966-D.
- CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
- STORMWATER MANAGEMENT WILL BE PROVIDED AS APPROVED ON THE ROAD CONSTRUCTION DRAWINGS FILED UNDER F-01-137.
- INTERNAL LANDSCAPING FOR LOTS 44-48 SHALL BE PROVIDED IN ACCORDANCE WITH DEVELOPMENT CRITERIA APPROVED BY THE PLANNING BOARD ON 7-1-99 PER PB CASE \*339 AND SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. A \$1,500.00 PER LOT SURETY SHALL BE POSTED AS PART OF THE BUILDER'S GRADING PERMIT TO COVER THE (5) INTERNAL LANDSCAPING TREES REQUIRED FOR EACH OF THESE LOTS. THE TOTAL SURETY REQUIRED FOR THE (5) LOTS INCLUDED IN THIS PLAN SUBMISSION IS \$7,500.00.
- PERIMETER LANDSCAPING AND STREET TREES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE, THE LANDSCAPE MANUAL AND DEVELOPMENT CRITERIA APPROVED BY THE PLANNING BOARD 7-1-99 PER CASE NO. PB-339 AS SHOWN ON THE APPROVED ROAD CONSTRUCTION DRAWINGS FILED UNDER F-01-137.
- THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.120 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY RETAINING 16.77 ACRES AND REFORESTING 5.03 ACRES AS PART OF THE OVERALL DEVELOPMENT OF EMERSON, SECTION 2. THE EXCESS 4.5 ACRES OF REFORESTATION MAY BE USED TOWARD MEETING THE OBLIGATIONS OF FUTURE PHASES OF EMERSON, SECTION 2, F-01-137.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO HO. CODES MANUAL VOL. IV DETAILS R.6.03 & R.6.05.
- OPEN SPACE REQUIREMENTS FOR THESE LOTS HAVE BEEN PROVIDED UNDER F-01-137.
- MINIMUM BUILDING RESTRICTION SETBACKS FROM PROPERTY LINES AND PUBLIC ROAD RIGHTS-OF-WAY ARE TO BE IN ACCORDANCE WITH THE DEVELOPMENT CRITERIA APPROVED WITH THE COMPREHENSIVE SKETCH PLAN 5-99-12 AND THE DECISION AND ORDER FOR PB-339 APPROVED ON JULY 1, 1999.
- THE MINIMUM SETBACKS FOR STRUCTURES SHALL BE AS FOLLOWS:  
FRONT SETBACK 15' FROM THE RIGHT-OF-WAY TO THE HOUSE OR GARAGE.  
SIDE SETBACK 5' TO THE PROPERTY LINE WITH A MINIMUM OF 15' BETWEEN STRUCTURES  
REAR SETBACK 20' FROM THE PROPERTY LINE TO THE HOUSE.  
ANY DEVIATION FROM THESE SETBACK REQUIREMENTS WILL REQUIRE SITE DEVELOPMENT PLAN APPROVAL BY THE HOWARD COUNTY PLANNING BOARD.
- LOT COVERAGE BY BUILDINGS WITHIN SINGLE FAMILY DETACHED LAND USE AREAS SHALL NOT EXCEED 40%. NO LIMITATION IS IMPOSED UPON THE AREA USED FOR SIDEWALKS, PAVED PARKING AREAS, PATIOS, DECKS, LANDSCAPING AND SIMILAR MINOR STRUCTURE.
- AS A CONSEQUENCE OF THIS SUBMISSION, ON JULY 8, 2002, THIS SDP IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- IN ACCORDANCE WITH SECTION 129 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. THE 15' MINIMUM DISTANCE BETWEEN STRUCTURES DOES NOT APPLY TO THOSE REFERENCED FEATURES NOR BETWEEN OPEN DECKS AND A DWELLING STRUCTURE OR ANOTHER DECK. AS AN ADVISORY, THE 15' DISTANCE DOES APPLY TO THE SECOND STORY OVERHANG.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:  
A) WIDTH 12 FEET (8 FEET IF SERVING MORE THAN ONE RESIDENCE)  
B) SURFACE (P-I) STANDARD PAVING  
C) GEOMETRY MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS  
D) STRUCTURES (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 GROSS TONS (H2S-LOADING)  
E) DRAINAGE ELEMENTS CAPABLE OF SAFETY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.  
F) STRUCTURE CLEARANCES MINIMUM 12 FEET  
G) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE.



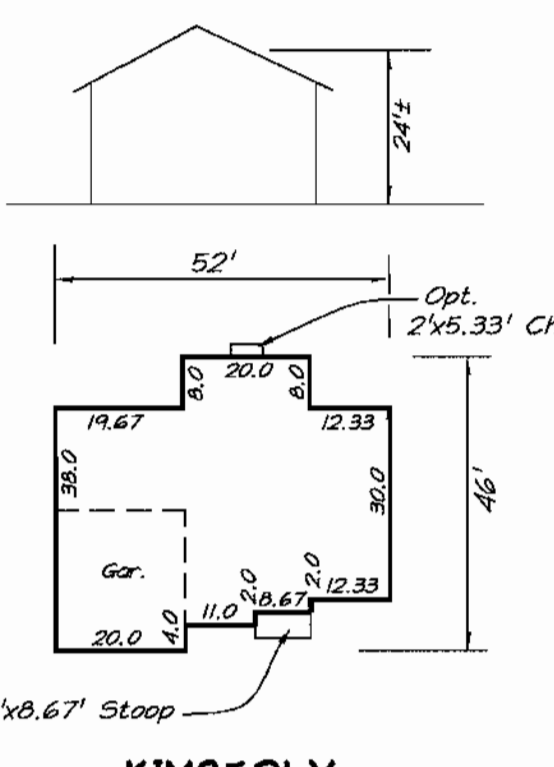
**DIMENSION 5**  
1957.80 SF = 4894.50 SF  
0.4 Min. Lot Size  
w/all Options



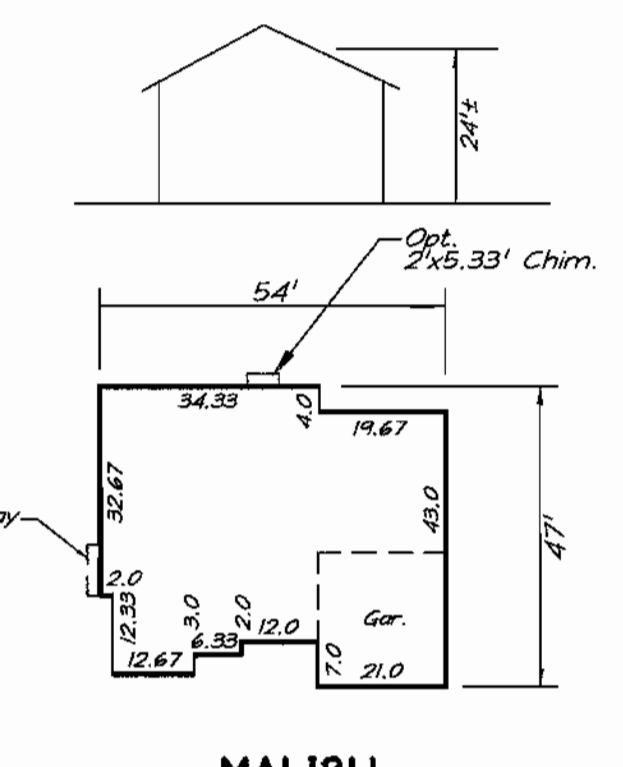
**GRANADA II & IV**  
1656.01 SF = 4140.03 SF  
0.4 Min. Lot Size  
w/all Options



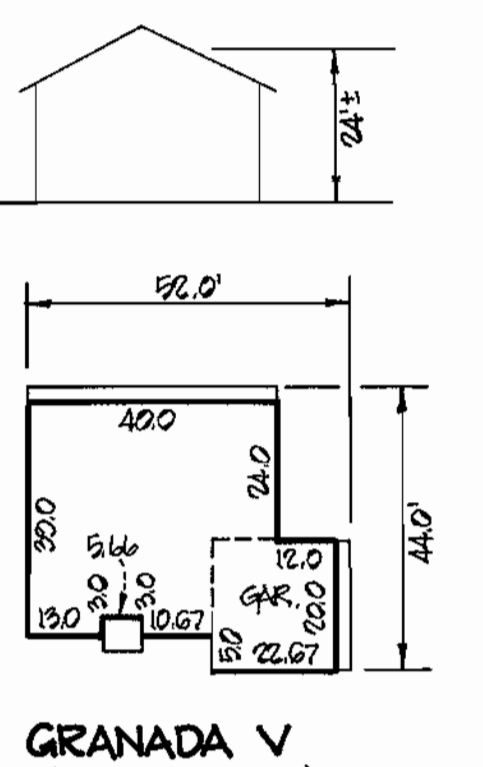
**GRANADA III & V**  
1807.00 SF = 4517.50 SF  
0.4 Min. Lot Size  
w/all Options



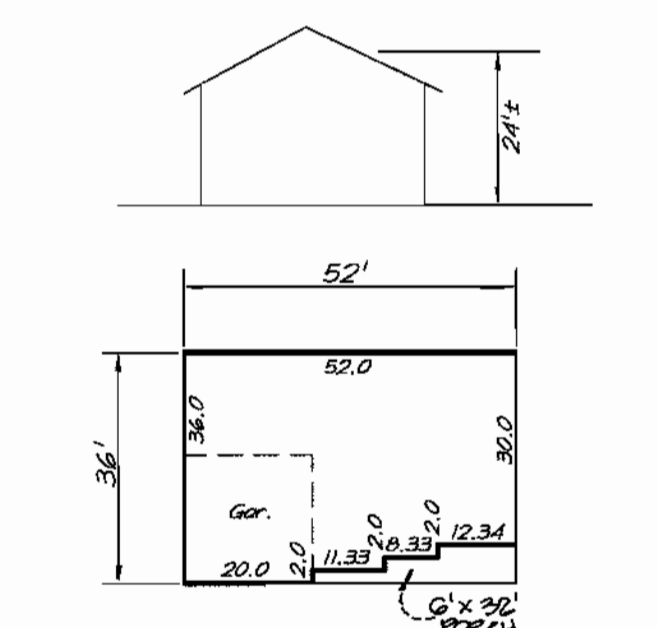
**KIMBERLY**  
1951.34 SF = 4879.10 SF  
0.4 Min. Lot Size  
w/all Options



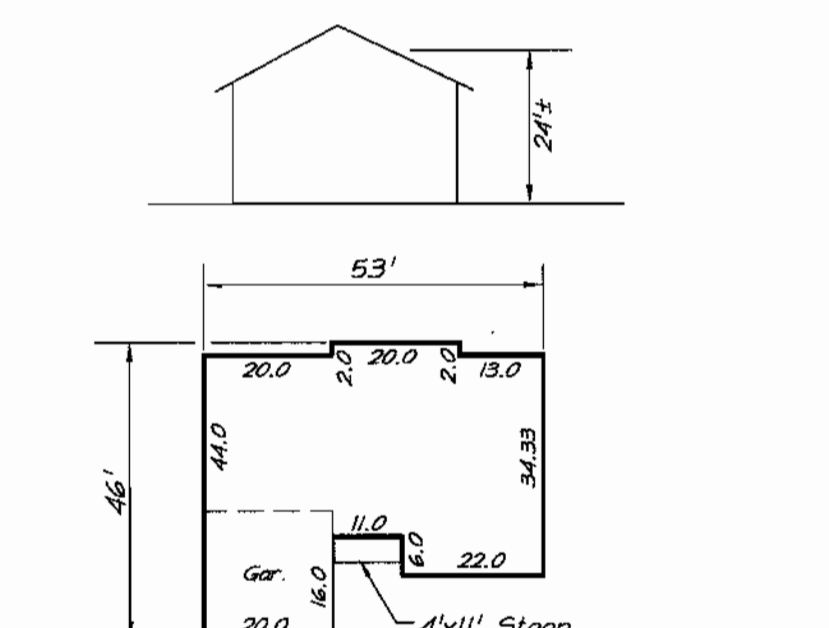
**MALIBU**  
2310.67 SF = 5776.68 SF  
0.4 Min. Lot Size  
w/all Options



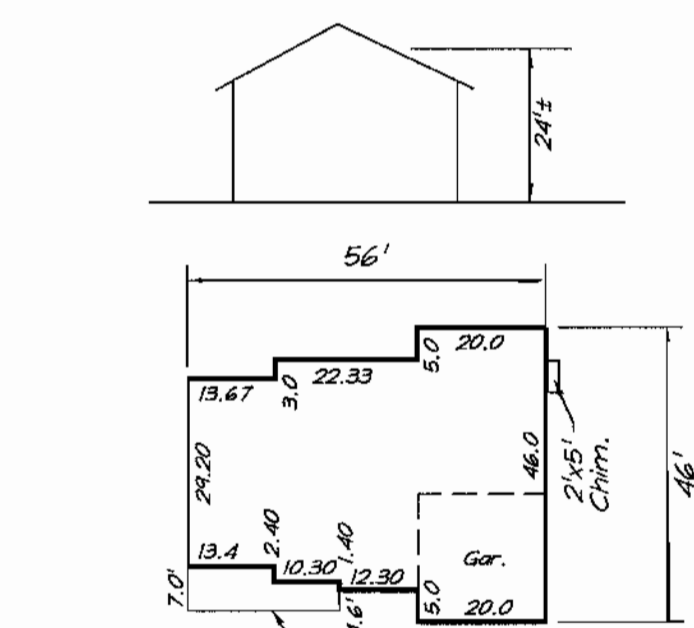
**GRANADA V**  
(FOR LOT 18 ONLY)  
1861.00 SF = 4617.50 SF  
0.4 Min. Lot Size  
w/all Options



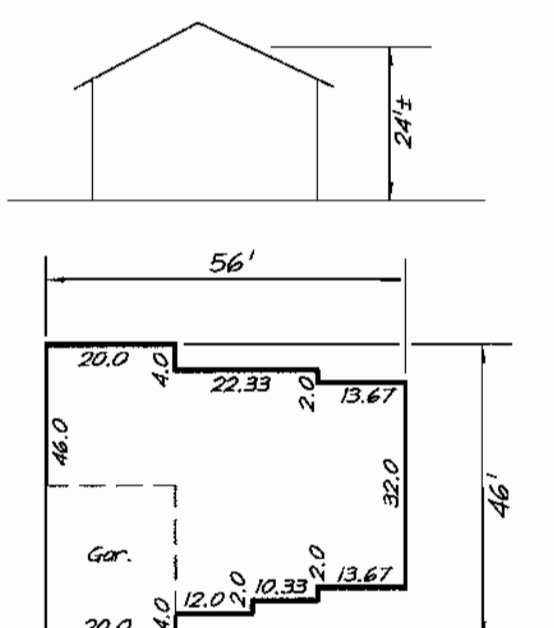
**SANTA CRUZ**  
1066.00 SF = 4915.00 SF  
0.4 Min. Lot Size  
w/all Options



**VENTURA**  
1993.49 SF = 4983.73 SF  
0.4 Min. Lot Size  
w/all Options



**VENTURA I**  
2119.89 SF = 5299.73 SF  
0.4 Min. Lot Size  
w/all Options



**VENTURA II**  
2185.32 SF = 5463.30 SF  
0.4 Min. Lot Size  
w/all Options

**ADDRESS CHART**

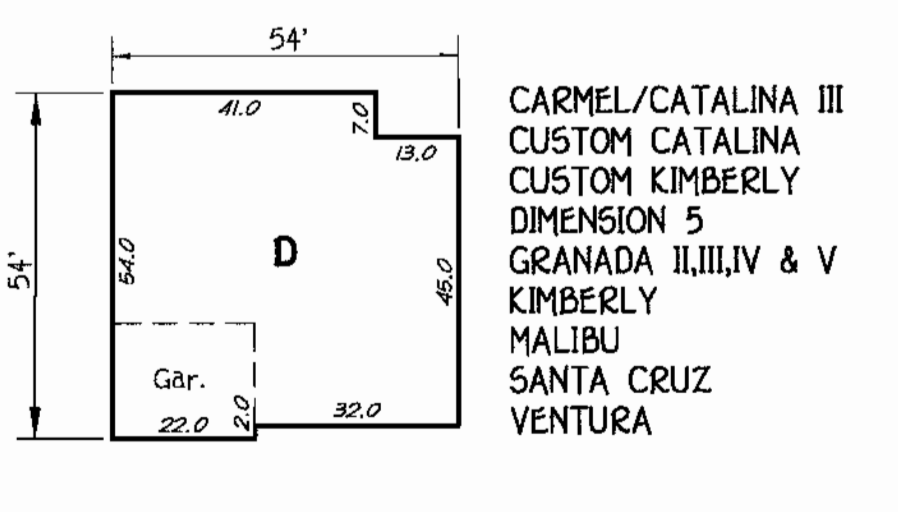
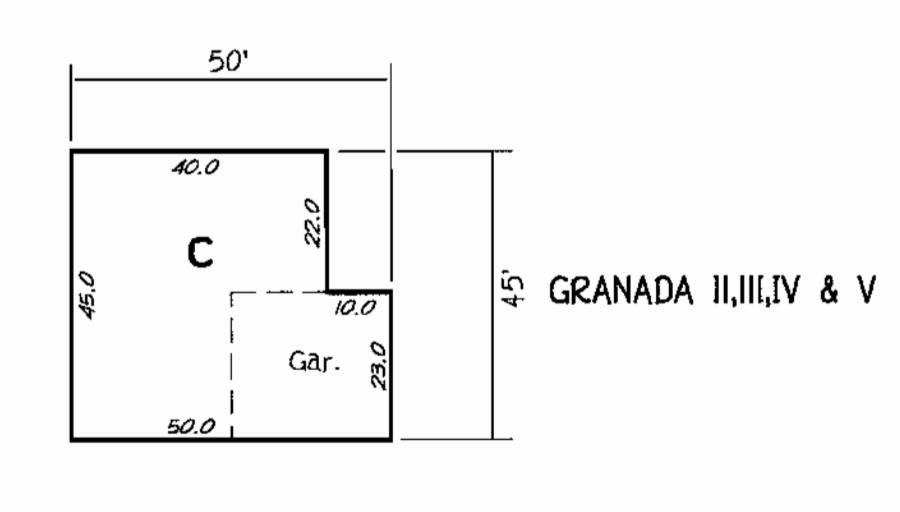
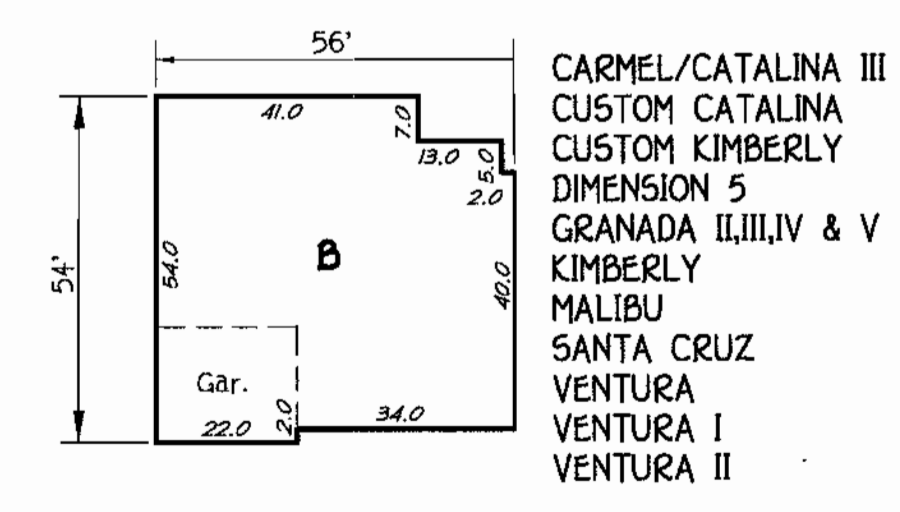
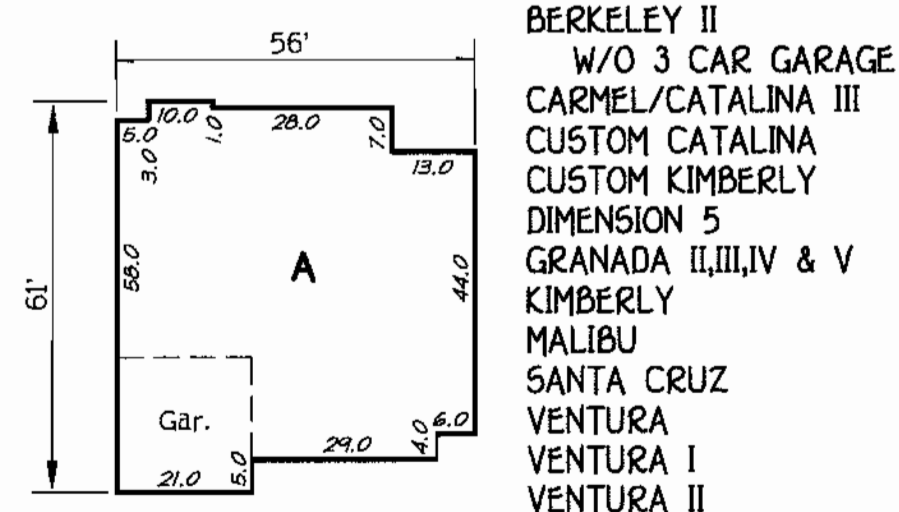
LOT NUMBER	STREET ADDRESS
44	9909 OCEAN SAND COURT
45	9913 OCEAN SAND COURT
46	9917 OCEAN SAND COURT
47	9921 OCEAN SAND COURT
48	9916 OCEAN SAND COURT

**INDEX CHART**

SHEET	DESCRIPTION
SHEET 1	TITLE SHEET, HOUSE TYPES, TEMPLATES
SHEET 2	SITE DEVELOPMENT PLAN, LOTS 44-48
SHEET 3	SEDIMENT/EROSION CONTROL PLAN, LOTS 44-48
SHEET 4	SEDIMENT/EROSION CONTROL NOTES & DETAILS

**LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.2	SPOT ELEVATION
-SF-SF	SILT FENCE
-5SF-5SF	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	EROSION CONTROL MATTING
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
---	EXISTING STREET TREE TAKEN FROM F-01-137



**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTONAL SQUARE OFFICE PARK - 30272 BALTIMORE NATIONAL PIKE  
ELKTON CITY, MARYLAND 22942  
(410) 461-2095

**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: *Charles J. Crovo, Sr.* Date: 8-26-02  
Name: CHARLES J. CROVO, SR.  
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 of Developer: *Allan Waschak* Date: 8-26-02  
Name: ALLAN WASCHAK

NO. REVISION DATE

1 REV. HSE-TYPICAL SANTA CRUZ & ADDED GRANADA V FOR LOT 18 9/6/02

Reviewed for HOWARD SCD and meets Technical Requirements.

Signature of Engineer: *Jim Mayes* Date: 9/3/02  
Name: JIM MAYES  
Professional Engineer

Signature of Engineer: *John Robertson* Date: 9/3/02  
Name: JOHN ROBERTSON  
Professional Engineer

**OWNER**  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044  
410-992-6000

**BUILDER/DEVELOPER**  
ALLAN HOMES  
10260 OLD COLUMBIA PIKE  
RIVERS CORPORATE PARK  
COLUMBIA, MARYLAND 21046  
410-381-1414

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: *Chris Hamant* Date: 9/16/02  
Name: CHRIS HAMANT  
Chief, Division of Land Development

Signature: *John Davidson* Date: 9/16/02  
Name: JOHN DAVIDSON  
Chief, Development Engineering Division

Signature: *Greg S. Smith* Date: 9/18/02  
Name: GREG S. SMITH  
Director, Department of Planning and Zoning

PROJECT	SECTION / PHASE	LOTS NO.
EMERSON	2/1B	44-48

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15205	8 & 9	PEC-MXD-3	47	6	6068.00

WATER CODE: E-15  
SEWER CODE: 7640000

**TITLE SHEET**

**SINGLE FAMILY DETACHED EMERSON**  
SECTION 2 PHASE 1B  
LOTS 44-48

TAX MAP No: 47 PARCEL: 3 & 837 GRID B  
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: MARCH, 2002

SHEET 1 OF 4



MODIFIED SCHEDULE C LANDSCAPE CHART								
LOT NO.	LOT CLASSIFICATION	INTERNAL LANDSCAPING REQUIRED (# OF SHADE TREES)	TYPE B REQUIRED		SHADE TREE CREDIT *	REMAINING SHADE TREE OBLIGATION	TOTAL TREES REQUIRED	
			SHADE	EVERGREEN			SHADE	EVERGREEN
LOTS 44-48	NON-WOODED	5 TREES PER LOT	N/A	N/A	0	0	25	0
TOTAL TREES							25	0

\* THIS NUMBER REFLECTS THE MATHEMATICAL CONVERSION OF EVERGREEN TREES TO SHADE TREES (2:1) FOR THE PURPOSE OF MEETING THE INTERNAL PER LOT SHADE TREE OBLIGATION.

- SURETY AMOUNT FOR THIS PLAN IS IN THE AMOUNT OF \$7,500.00
- SURETY FOR LOTS 44-48 \$1500.00 PER LOT FIGURED ON A PER LOT BASIS. CREDIT GIVEN FOR LANDSCAPE BUFFER WERE APPLICABLE. STREET TREES ARE NOT INCLUDED IN MODIFIED SCHEDULE C LANDSCAPE CALCULATIONS.
  - TYPE 'B' BUFFER OR PERMETER LANDSCAPE BUFFER WILL BE CREDITED TOWARDS THE LANDSCAPE REQUIREMENTS.
  - LANDSCAPE CAN NOT BE PLANTED IN ANY PUBLIC EASEMENTS.
  - FINAL PLANTING TYPE AND LOCATION IS SUBJECT TO APPROVAL BY THE ARCHITECTURAL REVIEW COMMITTEE.
  - AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTING HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH HOWARD COUNTY LANDSCAPE MANUAL.
  - THE OWNER, TENANT AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, PLANT MATERIALS, BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION AND WHEN NECESSARY, REPAIRED OR REPLACED.
  - SIZES OF PLANT MATERIALS MUST CONFORM TO THE REQUIREMENTS OF THE LANDSCAPE MANUAL, CHAPTER IV AND APPENDIX C.

**KEY PROPERTY DEVELOPMENT CRITERIA, APPROVED 7/1/99**  
**SECTION VII RESIDENTIAL DEVELOPMENT INTERNAL LANDSCAPING**

THE QUANTITY AND GENERAL LOCATION OF TREES REQUIRED FOR INTERNAL LANDSCAPING ARE DETERMINED BY CRITERIA APPLIED BY THE ARCHITECTURAL COMMITTEE. THE COMMITTEE WILL CLASSIFY, DURING ARCHITECTURAL REVIEW, ALL LOTS AND PARCELS AS 1) NON-WOODED, 2) SEMI-WOODED, 3) WOODED. SUCH CLASSIFICATION SHALL TAKE INTO ACCOUNT THE EXISTING TREE COVER AND THE POTENTIAL FOR SAVING TREES IN CONNECTION WITH GRADING AND SITING. THIS CRITERIA ALSO CONSIDER THE SIZE OF THE LOT, AMOUNT OF EXISTING VEGETATION AND THE TYPE AND SITING OF RESIDENTIAL UNITS. IF, DURING OR AFTER CONSTRUCTION, THE COMMITTEE DETERMINES THAT A BUILDER HAS VIOLATED ANY PROVISION OF TREE PRESERVATION, THE BUILDER WILL BE REQUIRED TO ADD NEW PLANT MATERIAL. SHADE TREE REQUIREMENTS ARE SPECIFIED BY THE FOLLOWING TABLE. DENSITIES REFER TO THE DENSITY OF THE INDIVIDUAL PARCEL.

**SHADE TREE REQUIREMENTS**

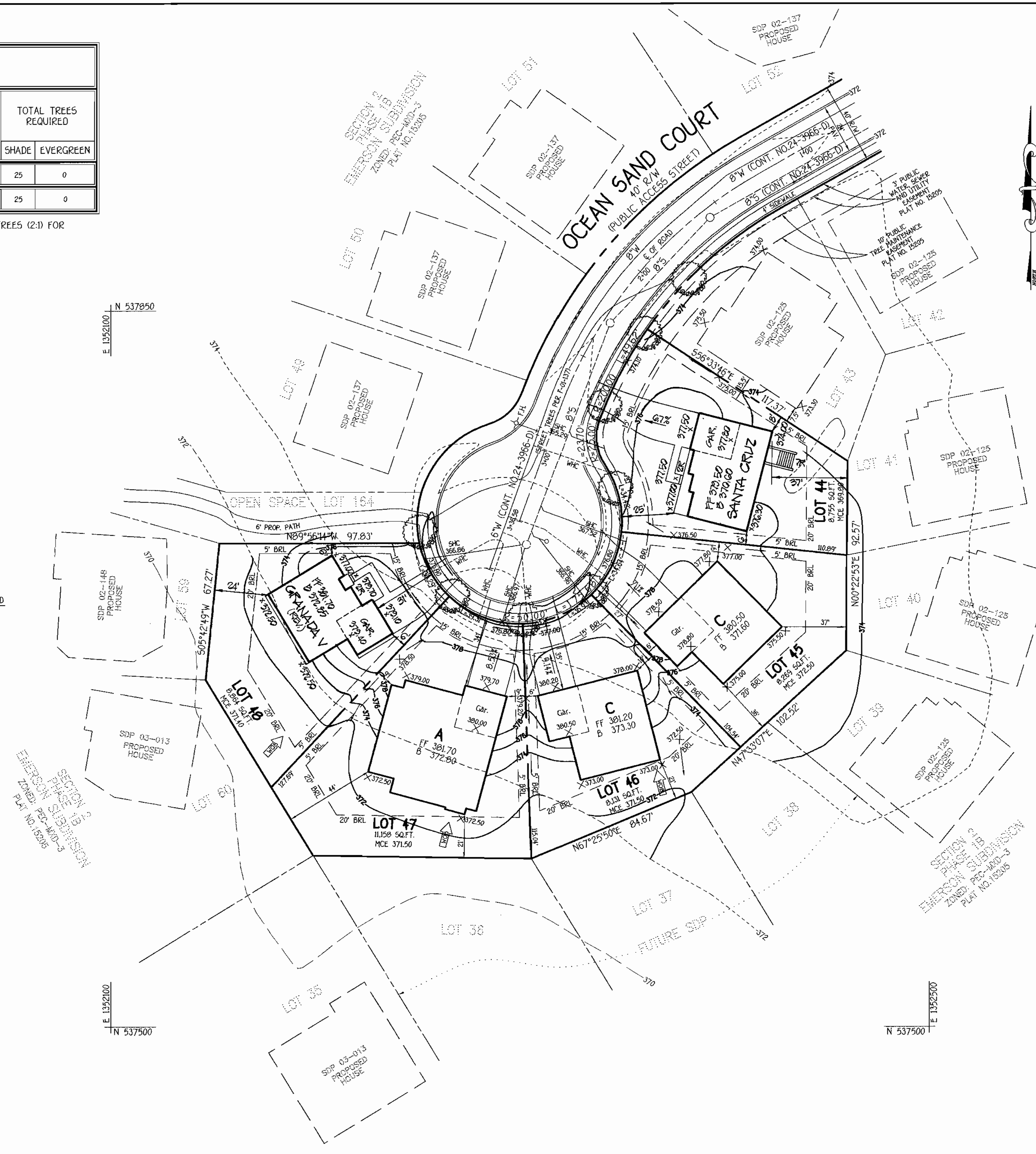
TYPE OF UNIT AND LOT SIZE	MINIMUM NUMBER OF SHADE TREES REQUIRED		
	NON WOODED	SEMI WOODED	WOODED
MEDIUM RESIDENTIAL LOT (7,000-13,000 SQUARE FEET) 2-4 DU./ACRE	5.0/LOT	3.0/LOT	2.0/LOT

SUBSTITUTION OF TWO FLOWERING TREES OR TWO EVERGREEN TREES FOR EACH SHADE TREE MAY BE PERMITTED UP TO 50% OF THE REQUIRED NUMBER OF SHADE TREES SHOWN IN THE TABLE SUBJECT TO THE APPROVAL OF THE ARCHITECTURAL COMMITTEE. CREDIT MAY ALSO BE GIVEN FOR ANY AREAS REQUIRED TO BE PROVIDED ALONG ROADWAYS, SUBJECT TO THE APPROVAL OF THE ARCHITECTURAL COMMITTEE.

**BUILDER/DEVELOPER'S CERTIFICATE**

I/WE CERTIFY THAT THE REQUIRED LANDSCAPING WILL BE DONE ACCORDING TO THE PLAN, SECTION 16124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME: ALLAN WASCHAK DATE: 8-26-02



**PLANTING SPECIFICATIONS**

Plants, related material and operations shall meet the detailed description as given on the plans and as described herein. All plant material, unless otherwise specified, shall be nursery grown, uniformly branched, have a vigorous root system, and shall conform to the species, size, root and shape shown on the plant list and the American Association of Nurserymen (AAN) standards. Plant material shall be healthy, vigorous, free from defects, decay, disfiguring roots, sun scald injuries, abrasions of the bark, plant disease, insect pest eggs, borers and all forms of insect infestation or objectionable infestations. Plant material that is weak or which has been cut back from larger grades to meet specified requirements will be rejected. Trees with forked leaders will not be accepted. All plants shall be freshly dug, no heeled-in plants from cold storage will be accepted.

Unless otherwise specified, all general conditions, planting operations, details and planting specification shall conform to "Landscape Specification Guidelines for Baltimore-Washington Metropolitan Areas," hereinafter "Landscape Guidelines" approved by the Landscape Contractors Association of Metropolitan Washington and the Potomac Chapter of the American Society of Landscape Architect, latest edition, including all agenda.

Contractor shall be required to guarantee all plant material for a period of one year after date of acceptance in accordance with the appropriate section of the Landscape Guidelines. Contractor's attention is directed to the maintenance requirements found within the one year specifications including watering and replacement of specified plant material.

Contractor shall be responsible for notifying utility companies, utility contractors and "Miss Utility" a minimum of 48 hours prior to beginning any work. Contractor may make minor adjustments in spacing and location of plant material to avoid conflicts with utilities. Damage to existing structure and utilities shall be repaired at the expense of the Contractor.

Protection of existing vegetation to remain shall be accomplished by the temporary installation of 4 foot high snow fence or blaze orange safety fence at the expense of the Contractor.

Contractor is responsible for installing all material in the proper planting season for each plant type. All planting is to be completed within the growing season of completion of site construction.

Bid shall be based on actual site conditions. No extra payment shall be made for work arising from site conditions differing from those indicated on drawings and specifications.

Plant quantities are provided for the convenience of the contractor only. If discrepancies exist between quantities shown on plan and those shown on the plant list, the quantities on the plan take precedence.

All shrubs shall be planted in continuous trenches or prepared planting beds and mulched with composted hardwood mulch as details and specified except where noted on plans.

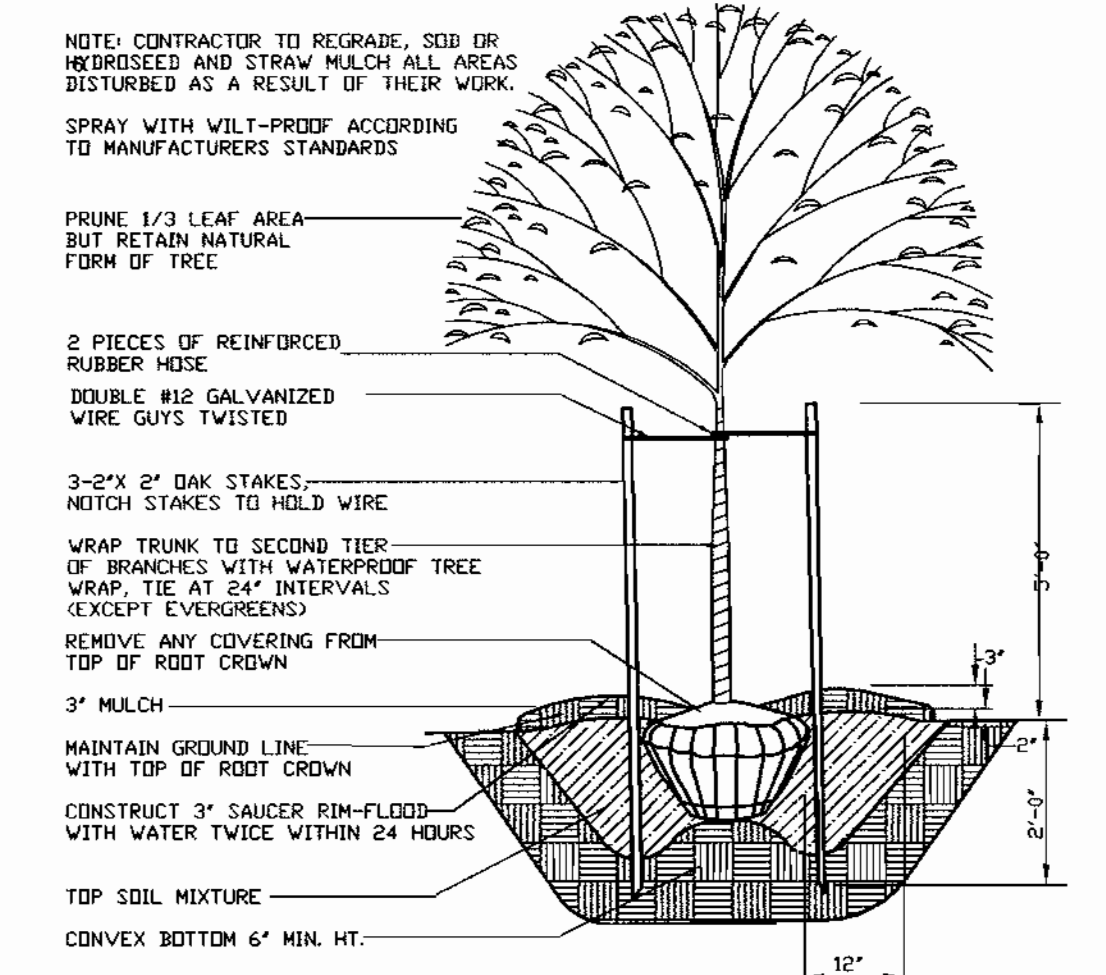
Positive drainage shall be maintained in planting beds 2 percent slope.

Planting mix shall be as follows: Deciduous Plants - Two parts topsoil, one part well-rotted cow or horse manure. Add 3 lbs. of standard fertilizer per cubic yard of planting mix. Evergreen Plants - two parts topsoil, one part humus or other approved organic material. Add 3 lbs. of evergreen specific fertilizer per cubic yard of planting mix. Topsoil shall conform to the Landscape Guidelines.

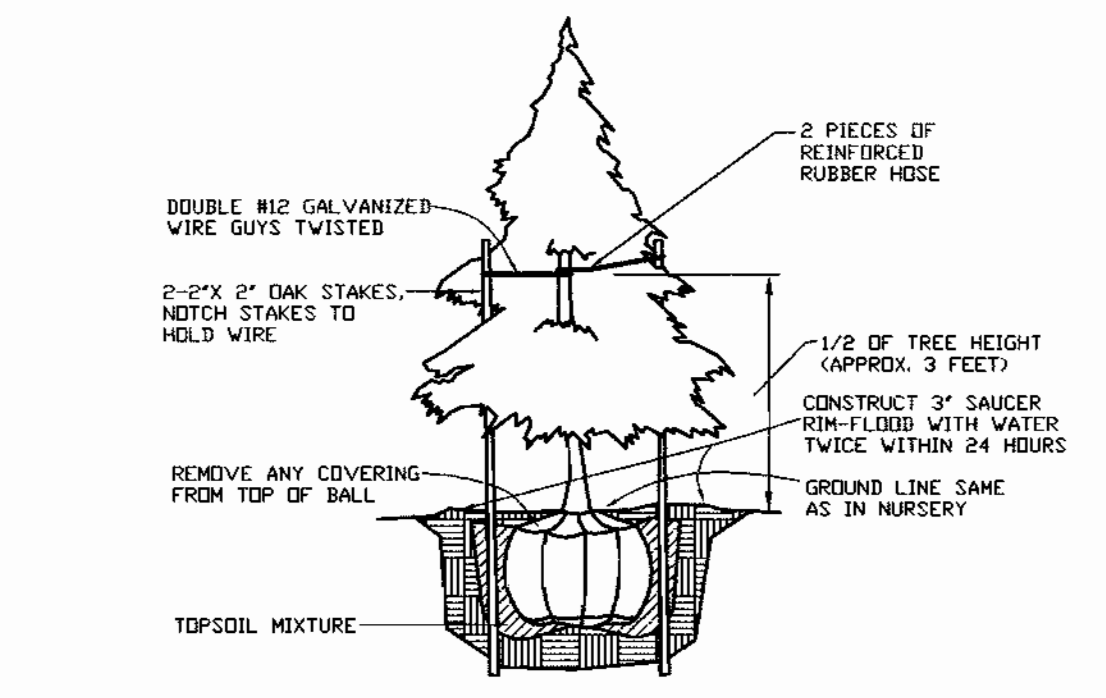
Weed Control: Incorporate a pre-emergent herbicide into the planting bed following recommended rates on the label. Caution: Be sure to carefully check the chemical used to assure its adaptability to the specific ground cover to be treated.

All areas within contract limits disturbed during or prior to construction not designated to receive plants and mulch shall be fine graded and seeded.

This plan is intended for landscape use only. see other plan sheets for more information on grading, sediment control, layout, etc.



**TREE PLANTING DETAIL**  
NOT TO SCALE



**EVERGREEN PLANTING DETAIL**  
NOT TO SCALE



NO.	REVISION	DATE
1	REV. HSE. & CRIP. LOTS 44 AND 48	3/6/03



**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: Charles J. Crovo, Sr. Date: 8-26-02

**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 Developer: Allan Waschak Date: 8-26-02

Approved for HOWARD SCD and meets Technical Requirements.

Jim Meyer 9/3/02 Date  
John R. Kinton 9/3/02 Date

**OWNER**  
THE HOWARD RESEARCH & DEVELOPMENT CORP.  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044  
410-992-6000

**BUILDER/DEVELOPER**  
ALLAN HOMES  
10260 OLD COLUMBIA PIKE  
RIVERS CORPORATE PARK  
COLUMBIA, MARYLAND 21046  
410-381-1414

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Conita Horvath 7/18/02 Date  
 Chief, Division of Land Development

Mike 9/18/02 Date  
 Chief, Development Engineering Division

Jim S. Felt 9/18/02 Date  
 Director, Department of Planning and Zoning

PROJECT	SECTION/PHASE	LOTS NO.
EMERSON	2/18	44-48

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15205	8 & 9	PEC-MXD-3	47	6	6068.02

WATER CODE: E-15  
SEWER CODE: 7640000

**SITE DEVELOPMENT PLAN, LANDSCAPE NOTES & DETAILS**

**SINGLE FAMILY DETACHED**  
**EMERSON**  
**SECTION 2 PHASE 1B**  
**LOTS 44-48**

TAX MAP No: 47 PARCEL: 3 & 837 GRID 8  
SIXTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: MARCH, 2002

SHEET 2 OF 4







