

KING'S WOODS

SECTION 2 AREA 2 PHASE 2

6th ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS
IN CONFORMANCE WITH THE MASTER PLAN OF WATER
AND SEWERAGE FOR HOWARD COUNTY.

John B. ...
COUNTY HEALTH OFFICER 4-14-92
DATE

BY THE DEVELOPER:
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION
WILL BE DONE ACCORDING TO THIS PLAN, 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."

SIGNATURE OF THE DEVELOPER
ROB MACKERCHER DATE

BY THE ENGINEER:
"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."

Frank E. Roscoe
SIGNATURE OF THE ENGINEER 10/17/91
FRANK E. ROSCOE DATE

DEPARTMENT OF PUBLIC WORKS
APPROVED FOR PUBLIC WATER SEWER,
STORM DRAIN, AND ROAD.

James B. ...
DIRECTOR 1-6-92
DATE

James B. ...
CHIEF, BUREAU OF ENGINEERING 4-6-92
DATE

DEPARTMENT OF PLANNING AND ZONING
James B. ...
DIRECTOR 4/21/92
DATE

Anna H. ...
CHIEF, DIV. OF COMM. PLAN. & LAND DEV. 4/16/92
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL
CONSERVATION DISTRICT AND MEET THE TECHNICAL
REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

James B. ...
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND
SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION
DISTRICT.

HOWARD S.C.D. DATE

Date	No	Revision Description

OWNER/DEVELOPER

RYAN HOMES
BALTIMORE-SOUTH DIVISION
9175 GUILFORD ROAD
COLUMBIA, MARYLAND 21046
PH. 301-880-0809

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE: Dec. 10, 1991

CENTURY ENGINEERING, INC.

CONSULTING ENGINEERS, PLANNERS
32 WEST ROAD PH.
TOWSON, MARYLAND 21204 410-823-8070

AREA
SECTION 2 AREA 2 PHASE 2
LOTS 210 - 235

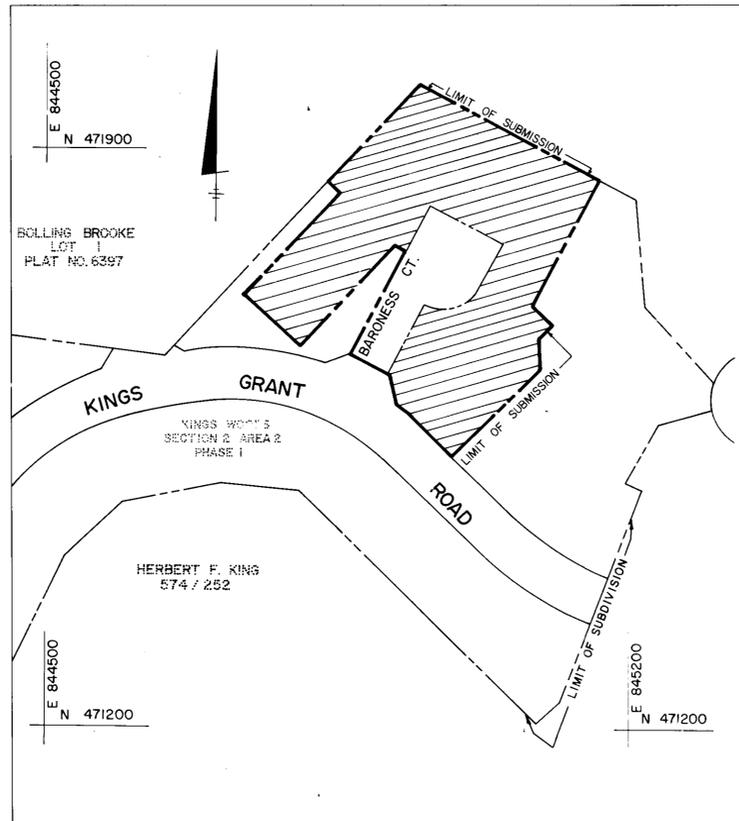
REFERENCES:
F-91-116, S-89-29, PB-247, P-90-13, F-91-67

TITLE
SITE DEVELOPMENT PLAN
6th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP 47 PARCELS 138, 139, 140, & 857

Des By	M.E.P.	Scale	1"=30'	Proj No	91-057
Des By	J.L.B.	Date	SEPT. 1991	DRAWING NO	
Chk By	R.F.M.	Approved	F.E.R.		1 OF 3

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV; AS AMENDED IN OCTOBER 1990, I.E., "STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION" UNLESS SHOWN OTHERWISE. THE CONTRACTOR SHALL HAVE A COPY IN HIS POSSESSION AT ALL TIMES.
- THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ANY UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
- NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE DEVELOPER TO PROTECT EXISTING SERVICES AND MAINS. ANY DAMAGE TO THEM DUE TO HIS NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
- ALL PIPE ELEVATIONS ARE INVERT ELEVATIONS.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE PLANE GRID COORDINATE SYSTEM. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM 1929.
- CONTRACTOR TO NOTIFY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS, TELEPHONE NO. 313-2455.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION ENGINEERING - "DAMAGE CONTROL" - 234-5691
BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND GAS DISTRIBUTION ENGINEERING - 559-0100
CHESAPEAKE AND POTOMAC TELEPHONE COMPANY - 725-9976
AMERICAN TELEPHONE AND TELEGRAPH - CABLE LOCATION DIVISION - 301-393-3553
COLONIAL PIPELINE COMPANY - 781-4641
BUREAU OF UTILITIES - 313-4900
- THE DEVELOPER SHALL RESTORE ALL EXISTING PAVING, SIDEWALKS, OR LAWNS AFFECTED BY CONSTRUCTION SHOWN HEREON TO A CONDITION COMPARABLE TO THAT EXISTING PRIOR TO CONSTRUCTION.
- THE DEVELOPER SHALL REMOVE ALL TREES, STUMPS, AND ROOTS ALONG THE LINE OF EXCAVATION. ALL OTHER TREES AND SHRUBS SHALL BE PROTECTED TO THE MAXIMUM EXTENT POSSIBLE.
- ALL DISTURBED SLOPE AREAS TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
- ALL SWALES AND SLOPES SHALL BE PERMANENTLY SEEDED UNLESS OTHERWISE NOTED. SEED SPECIFICATIONS ARE ON THE PLANS.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS, STANDARD DETAIL W.3.21.
- WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT VERTICAL SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X. OR P.V.C. UNLESS OTHERWISE NOTED
- ALL UTILITIES SHALL HAVE A MINIMUM CLEARANCE OF TWELVE INCHES (12") UNLESS OTHERWISE NOTED. ALL POLES SHALL HAVE A MINIMUM HORIZONTAL CLEARANCE OF TWO FEET (2').
- ALL TOPOGRAPHIC DETAILS ARE BASED ON FIELD SURVEYS PERFORMED BY TRACY, SHULTE & ASSOC. DATED JAN. 23, 1989.
- MINIMUM BUILDING SETBACK RESTRICTIONS FROM PROPERTY LINES AND RIGHTS-OF-WAY OF ANY PUBLIC ROADS WILL BE IN ACCORDANCE WITH KING'S WOODS 2/2, PHASE 2, F-91-116.
- STORMWATER MANAGEMENT FOR QUANTITY CONTROL IS PROVIDED BY THE EXTENDED DETENTION FACILITY DESIGNED UNDER CONTRACT NO. F-91-67.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
- FOR WATER AND SEWER INFORMATION SEE CONTRACT NO.'S 24-1855-D AND 24-3133-D.
- DRAINAGE AREA MAP, STORMWATER MANAGEMENT AND STORM DRAIN COMPUTATIONS PROVIDED UNDER KING'S WOODS 2/2 PHASE I, F-91-67 AND KING'S WOODS 2/2 PHASE 2, F-91-116.
- SECTION 128 OF THE ZONING REGULATIONS ALLOWS PORCHES OR DECKS, OPEN OR ENCLOSED, NOT TO PROJECT MORE THAN 10 FEET INTO THE REQUIRED FRONT OR REAR YARD BRL'S.



LOCATION MAP

TYPE OF BUILDING: SINGLE FAMILY ATTACHED
NUMBER OF LOTS: 25
NO. OF WATER HOUSE CONNS.: 25
NO. OF SEWER HOUSE CONNS.: 25
DRAINAGE AREA: LITTLE PATUXENT

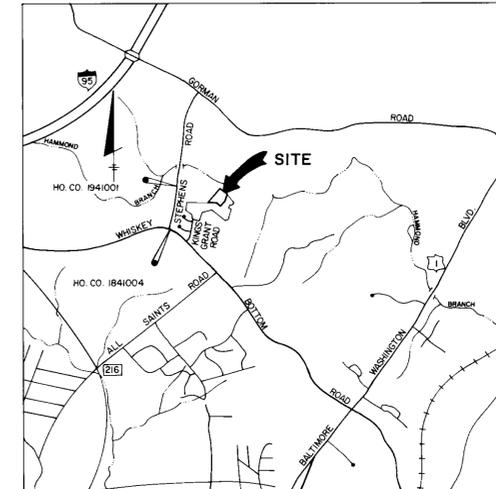
WATER AND SEWER CODE

SEWER CODE: 7320000
WATER CODE: C03

SHEET INDEX

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	SITE DEVELOPMENT PLAN
3.	SITE PLAN DETAILS

23. SECTION 128 OF THE ZONING REGULATIONS ALLOWS FIREPLACE CHIMNEYS AND BAY WINDOWS, NOT MORE THAN 10 FEET IN WIDTH, TO PROJECT NOT MORE THAN 4 FEET INTO ANY REQUIRED YARD BRL.



MAP 19 BLOCK K9

VICINITY MAP

SCALE: 1" = 2000'

BENCH MARKS

HOWARD COUNTY BENCH MARK NO. 1841004 ELEV. 295.324
REBAR 6"± SOUTH OF SOUTH EDGE OF WHISKEY BOTTOM ROAD. NEAR THE INTERSECTION OF STEPHENS ROAD.
N471079.018 E843657.878

HOWARD COUNTY BENCH MARK NO. 1941001 ELEV. 277.873
REBAR 4"± WEST EDGE OF STEPHENS ROAD IN FRONT OF HOUSE No. 8820 0.3' BELOW SURFACE.
N 472223.119 E843797.549

SITE ANALYSIS

- AREA OF LOTS 210-235; 96270 S.F., 2.21 AC.
- SUBJECT PROPERTY ZONED R-SC PER 8-2-85 COMPREHENSIVE ZONING PLAN.
- ALL STRUCTURES ARE TO BE SINGLE FAMILY ATTACHED.
- MAXIMUM BUILDING COVERAGE ALLOWED: 35%
- TOTAL # OF UNITS PROVIDED: 25.
- OPEN SPACE PROVIDED BY LOT 235.
- NUMBER OF PARKING SPACES PROVIDED: 50.
- THERE IS 0.72 AC. OF OPEN SPACE ON SITE, WHICH IS 33% OF TOTAL AREA OF THE PHASE II.
- THE SMALLEST UNIT IS 587.2 S.F.



SYMBOL	QUANTITY	NAME	REMARKS
	6	PINUS STROBUS WHITE PINE	5' - 6' UNSHEARED
	10	QUERCUS BOREALIS RED OAK	2 1/2 MIN CAL B & B
TOTAL	16		

NOTE:
THE BUILDER IS RESPONSIBLE FOR PLANTING
THE 20 FOOT LANDSCAPE BUFFER.

LOT No.	STREET ADDRESS
210	9501 BARONNESS COURT
211	9503
212	9505
213	9507
214	9509
215	9511
216	9513
217	9515
218	9521
219	9523
220	9525
221	9527
222	9529
223	9524
224	9524
225	9522
226	9520
227	9514
228	9512
229	9510
230	9508
231	9506
232	9504
233	9502
234	9500

S.H.C. INVERT CHART			
LOT NO.	INVERT	LOT NO.	INVERT
210	272.2	223	272.2
211	277.0	224	272.5
212	276.3	225	272.1
213	275.2	226	272.6
214	274.0	227	273.8
215	272.7	228	274.7
216	271.7	229	275.5
217	270.7	230	276.3
218	266.9	231	277.1
219	268.0	232	277.9
220	269.0	233	278.7
221	270.0	234	279.4
222	271.2		

SUBDIVISION NAME		SECTION/AREA	LOTS/PARCELS
KING'S WOODS		2/2	210-235
PLAN NO.	BLOCK NO.	ZONE	TAX MAP NO.
10270		R-SC	47
ELECTION DIST.	CENSUS TRACT		
6th	600A-02		
WATER CODE	SEWER CODE		
003	7320000		

PLAN
SCALE: 1" = 30'

SOILS TYPE	DESCRIPTION
BeB2	Beltsville Silt Loam 1 to 5% slopes moderately eroded
BeC2	" " " 5 to 10% slopes " "
BeD2	" " " 10 to 15% slopes " "
GnB2	Glennville " " 3 to 8% slopes " "

- NOTES:
- OPEN SPACE LOT 235 IS DEEDED TO HOMEOWNERS 18500
 - CURBS SHOWN THUSLY ARE DESIGNATED AS FIRE LANES AND SHALL BE MARKED OR POSTED AS FIRE LANES
 - BARONNESS COURT IS PUBLIC
 - THE 50 FOOT BRL IS PER PB 247
 - NO WETLANDS ARE LOCATED WITHIN THIS SECTION OF THE SITE PLAN SUBMISSION
 - VEGETATIVE ANALYSIS: THE VEGETATION ON THIS SITE CONSISTS OF MATURE DECIDUOUS HARDWOODS WITH SOME WOODY UNDERBRUSH
 - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HRS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

WATER AND SEWERAGE SYSTEM SHALL BE INSTALLED WITH THE MASTER PLAN OF WATER AND SEWERAGE SYSTEM.

Joseph Boylan 4-14-92
OWNER/DEVELOPER

BY THE DEVELOPER
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF APPROVAL FROM THE DEPARTMENT OF THE ENVIRONMENT AND PLANNING PROGRAM FOR THE CONTROL OF SEDIMENTATION AND EROSION BEFORE BEGINNING THE PROJECT."

SIGNATURE OF THE DEVELOPER
ROB MACKERCHER

BY THE ENGINEER
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND REASONABLE SOLUTION 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."

Frank J. Roscoe 10/17/91
SIGNATURE OF THE ENGINEER
FRANK J. ROSCOE

DEPARTMENT OF PUBLIC WORKS
APPROVED FOR PUBLIC WATER, SEWER, STORM DRAINS AND ROADS.

James J. ...
DIRECTOR

DEPARTMENT OF PLANNING AND ZONING
CHIEF, BUREAU OF ENGINEERING

James E. ... 4-16-92
CHIEF, BUREAU OF ENGINEERING

DEPARTMENT OF PLANNING AND ZONING
DIRECTOR

James E. ... 4/21/92
DIRECTOR

CHIEF, DIV. OF COMM. PLAN. & LAND DEV.

Thomas Blomach 4/16/92
CHIEF, DIV. OF COMM. PLAN. & LAND DEV.

CONSERVATION DISTRICT
SOL CONSERVATION DISTRICT

James ... 3/16/92
SOL CONSERVATION DISTRICT

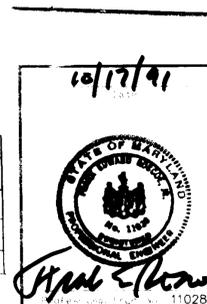
HOWARD COUNTY
DATE: Dec. 10, 1991

Sheff W. ... 2/10/92
HOWARD COUNTY

OWNER/DEVELOPER

RYAN HOMES
BALTIMORE - SOUTH DIVISION
9175 GUILFORD ROAD
COLUMBIA, MARYLAND 21046
PH. 301-830-0809

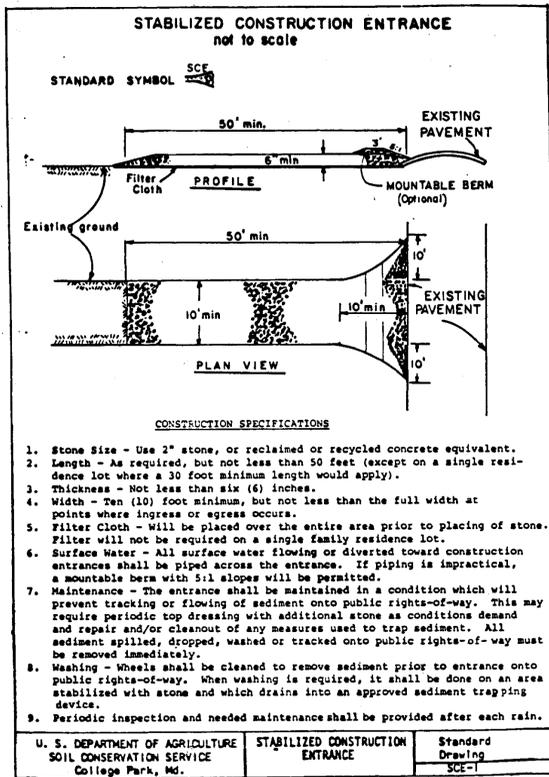
APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE: Dec. 10, 1991



CENTURY ENGINEERING, INC
CONSULTING ENGINEERS, PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204 PH. 410-823-8070

KING'S WOODS
SECTION 2, AREA 2, PHASE 1
LOTS 210 - 235

SITE DEVELOPMENT PLAN
6th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP 47 PARCELS 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100



TEMPORARY SEEDBED PREPARATION

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU 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 SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) 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 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDBED PREPARATION

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW 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 SQ. FT.)
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU 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 SOD. OPTION (3) SEED WITH 60 LBS. PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) 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 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

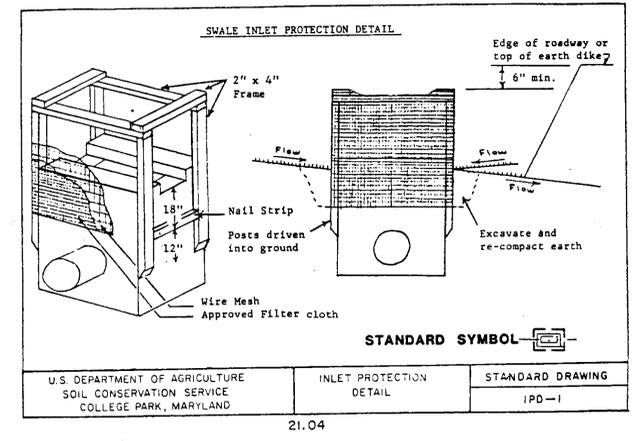
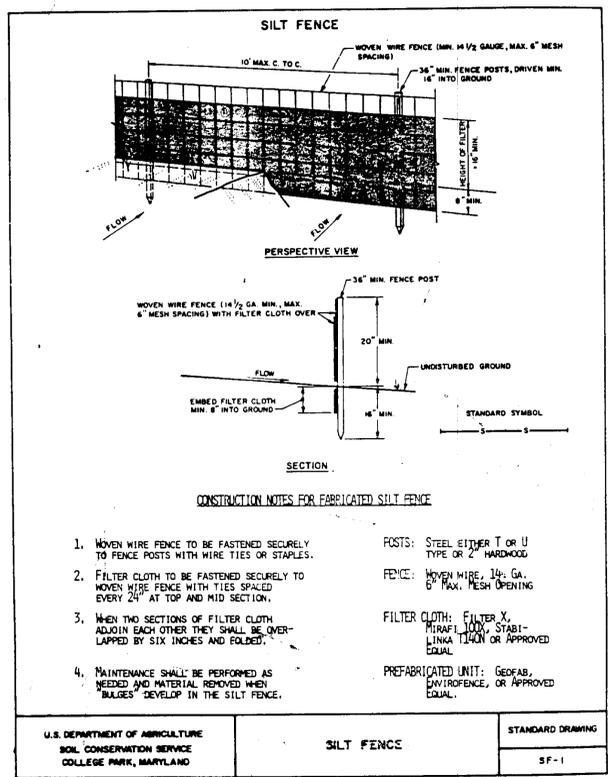
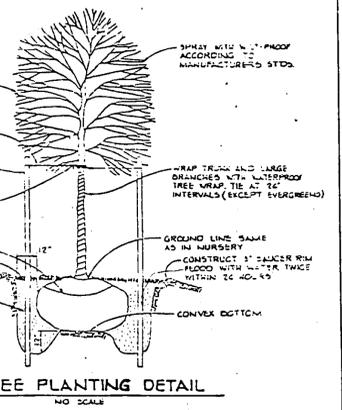
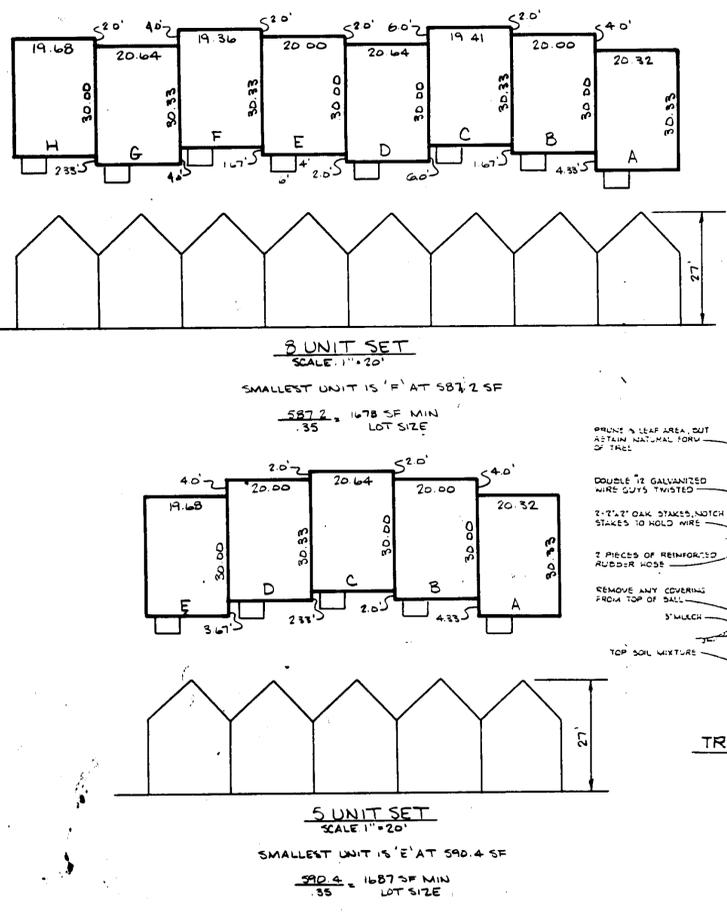
MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

SEDIMENT CONTROL NOTES

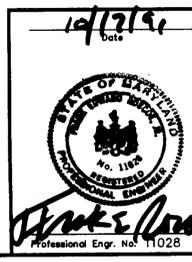
- 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS TO THE START OF ANY CONSTRUCTION (313-2437).
- 2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 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 SEEDINGS (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	2.4 ACRES
AREA DISTURBED	1.5 ACRES
AREA TO BE ROOFED OR PAVED	0.4 ACRES
AREA TO BE VEGETATIVELY STABILIZED	1.1 ACRES
TOTAL CUT	3200 CU. YDS.
TOTAL FILL	4100 CU. YDS.

 WASTE LOCATION TO BE DETERMINED AND VERIFIED BY SEDIMENT AND EROSION CONTROL INSPECTOR.
- 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 DPW SEDIMENT CONTROL INSPECTOR.
- 10) ALL SEDIMENT TRAPS 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.



APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE: Dec. 12, 1991



APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD COUNTY.

James W. Boylan
COUNTY HEALTH OFFICER
4-14-92
DATE

BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONAL 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."

Rob Mackkercher
SIGNATURE OF THE DEVELOPER
4-9-92
DATE
ROB MACKKERCHER

BY THE ENGINEER:

"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."

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SIGNATURE OF THE ENGINEER
4/10/92
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FRANK E. ROSCOE

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APPROVED: FOR PUBLIC WATER SEWER, STORM DRAINS AND ROADS.

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James J. ...
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4/16/92
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

James J. ...
U.S. SOIL CONSERVATION DISTRICT
3/30/92
DATE

THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

James J. ...
HOWARD S.C.D.
3/30/92
DATE

Date	No	Revision Description

OWNER/DEVELOPER

RYAN HOMES
BALTIMORE-SOUTH DIVISION
9175 GUILFORD ROAD
COLUMBIA, MARYLAND 21046
301 880-0809

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS, PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21284 410 823-8070

AREA
SECTION 2 AREA 2 PHASE 2
LOTS 210 - 235

REFERENCES:
F-91-116 S-89-29, PB-247, P-90-13 F-91-67

TITLE
6th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP 47 PARCELS 138, 139, 140, & 857

DATE: M.E.P. Scale: 1"=30' Proj. No: 91-057
Des. By: J.L.B. Date: SEPT. 1991 DRAWING NO:
Ck. By: R.F.M. Approved: F.E.R. 3 OF 3