

GENERAL NOTES

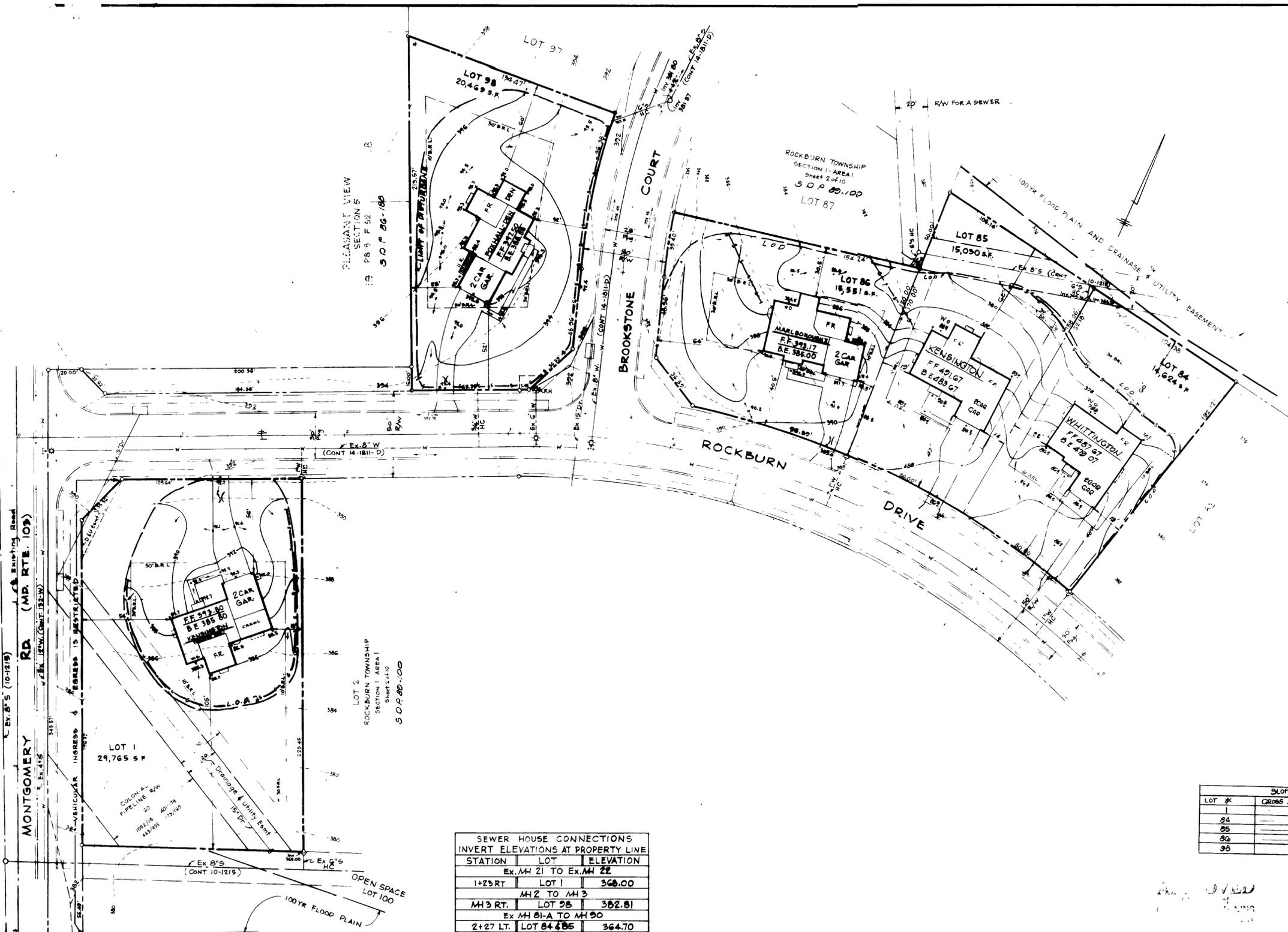
- STORM WATER MANAGEMENT UNDER F 88-186
- THE LAND INCLUDED IS ZONED R 20
- COORDINATES SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLANE COORDINATE SYSTEM BEARINGS REFER TO THE TRUE NORTH AND ARE BASED ON HOWARD COUNTY GEODETIC SURVEY
- THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TAX MAP 31487
- THE TOTAL AREA ON THIS PLAN IS 680,000 SQ FT (15.6 AC)
- ALL ROADS ARE PUBLIC AND EXISTING
- ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAYS SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE
- TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE 34
- STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER

LOT NUMBER	STREET ADDRESS
LOT 1	7819 ROCKBURN DR
LOT 84	7874 ROCKBURN CT
LOT 85	7878 " "
LOT 86	7882 " "
LOT 28	7890 " "
LOT 18	7808 BROOKSTONE CT
LOT 19	7812 " "
LOT 50	7818 " "
LOT 51	7822 " "
LOT 23	7818 FARMSTONE CT
LOT 24	7822 " "
LOT 25	7826 " "
LOT 26	7830 " "
LOT 27	7834 " "
LOT 28	7838 " "
LOT 29	7842 " "
LOT 30	7846 " "
LOT 31	7850 " "
LOT 79	7854 ROCKBURN DR
LOT 80	7858 " "
LOT 81	7862 " "
LOT 82	7866 " "
LOT 83	7870 " "
LOT 88	7820 BROOKSTONE CT
LOT 89	7824 " "
LOT 90	7828 " "
LOT 91	7832 " "
LOT 92	7836 " "
LOT 93	7840 " "
LOT 87	7804 BROOKSTONE CT
LOT 24	7817 " "
LOT 25	7821 " "
LOT 26	7825 " "
LOT 27	7829 " "
LOT 28	7833 " "
LOT 29	7837 " "
LOT 30	7841 " "
LOT 31	7845 " "
LOT 32	7849 " "
LOT 33	7853 " "
LOT 34	7857 " "

LOT #	SLOPE CHART		
	GROSS A	SLOPE A	NET AREA
1		N/A	
24		N/A	
25		N/A	
26		N/A	
27		N/A	
28		N/A	
29		N/A	
30		N/A	
31		N/A	
32		N/A	
33		N/A	
34		N/A	

LEGEND:

- 1 Contour Interval
- 2 Existing Contour
- 3 Proposed Contour
- 4 Spot Elevation
- 5 Direction of Drainage
- 6 Existing Trees to be saved
- 7 Walk Out Basement



STATION	LOT	ELEVATION
1+23 RT	LOT 1	368.00
MH 3 RT	LOT 28	382.81
2+27 LT	LOT 84 & 85	364.70
MH 90 LT	LOT 86	370.11

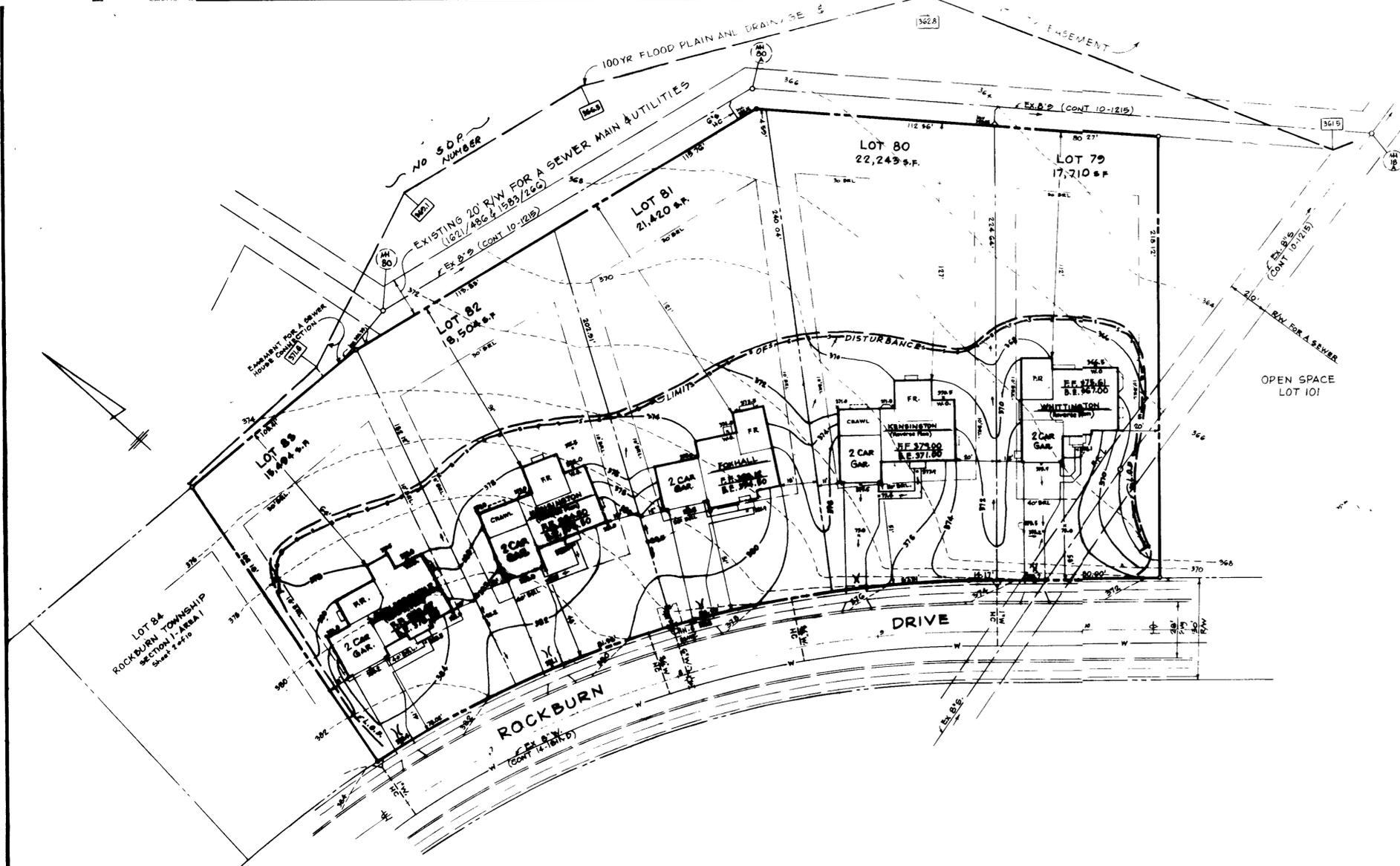
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 HOWARD COUNTY HEALTH DEPARTMENT
 James M. [Signature] 4/13/89
 HEALTH OFFICER
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] 5/1/89
 PLANNING DIRECTOR
 [Signature] 4/23/89
 CHIEF BUREAU OF ENGINEERING
 [Signature] 4/10/89
 DATE

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT CONTROL
 BY THE HOWARD SOIL CONSERVATION DISTRICT
 [Signature] 3/28/89
 APPROVED DATE

DEVELOPERS/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE
 ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND
 SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN
 THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE
 AT A DEPT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR
 THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING
 THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE
 HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS AS
 DEEMED NECESSARY
 [Signature] 3/6/89
 SIGNATURE OF DEVELOPER / BUILDER DATE

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND
 SEDIMENT CONTROL REPRESENTS A PRACTICAL
 AND WORKABLE PLAN BASED ON MY PERSONAL
 KNOWLEDGE OF SITE CONDITIONS AND THAT
 IT WAS PREPARED IN ACCORDANCE WITH THE
 REQUIREMENTS OF THE HOWARD SOIL
 CONSERVATION DISTRICT
 [Signature] 3/6/89
 DATE

LAND DESIGN ASSOCIATES 718 HIGHWOOD DRIVE BALTIMORE, MD 21212 301/323-0805	SUBDIVISION NAME ROCKBURN TOWNSHIP PLAT OR L/F BLOCK 6009-78 WATER CODE D03 & D01	SECTION / AREA 121 / 8761 TAX / ZONE MAP/ELEC DIST CENSUS TR 31 B 37 / 1 / G011 SEWER CODE 2155000
ROCKBURN TOWNSHIP SECTION 1 - AREA 1		34 LOTS:- 1, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50, 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98
SITE DEVELOPMENT & SEDIMENT CONTROL SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
FOR: GRAYSON HOMES, INC. 9025 CHEVROLET DRIVE ELICOTT CITY, MD 21043	DESIGNED DRAWN CHECKED	SCALE 1" = 30' SHEET 1 OF 6 DATE 3/0/89



SEWER HOUSE CONNECTIONS
 INVERT ELEVATIONS AT PROPERTY LINE

STATION	LOT	ELEVATION
Ex. MH 18A TO Ex. MH 80A		
1+83 LT.	LOT 79 & 80	399.95
Ex. MH 80A TO Ex. MH 80		
0+14 LT.	LOT 81	362.12
Ex. MH 80 TO Ex. MH 81A		
MH 80 LT.	LOT 82 & 83	363.59

APPROVED
 DATE 3-23-89
 J.B.

SLOPE CHART

LOT NUMBER	Area A	SLOPE A	NET AREA
LOT 79		N/A	
LOT 80		N/A	
LOT 81		N/A	
LOT 82		N/A	
LOT 83	15,494 s.f.	0.00 s.f.	14,824 s.f.

LAND DESIGN ASSOCIATES
 718 HIGHWOOD DRIVE
 BALTIMORE, MD 21212 301/323-0805

LOTS:-
 1, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50,
 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89,
 90, 91, 92, 93, 94, 95, 96, 97, 98

ROCKBURN TOWNSHIP
 SECTION 1 ~ AREA 1
 THIS SHEET
 LOTS 79, 80, 81, 82, & 83

SITE DEVELOPMENT & SEDIMENT CONTROL
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: GRAYSON HOMES, INC.
 9025 CHEVROLET DRIVE
 ELLICOTT CITY, MD 21043

DESIGNED P.S.S.
 DRAWN P.S.S.
 CHECKED R.L.W.
 SCALE 1" = 40'
 SHEET 2 OF 6
 DATE 3/9/89

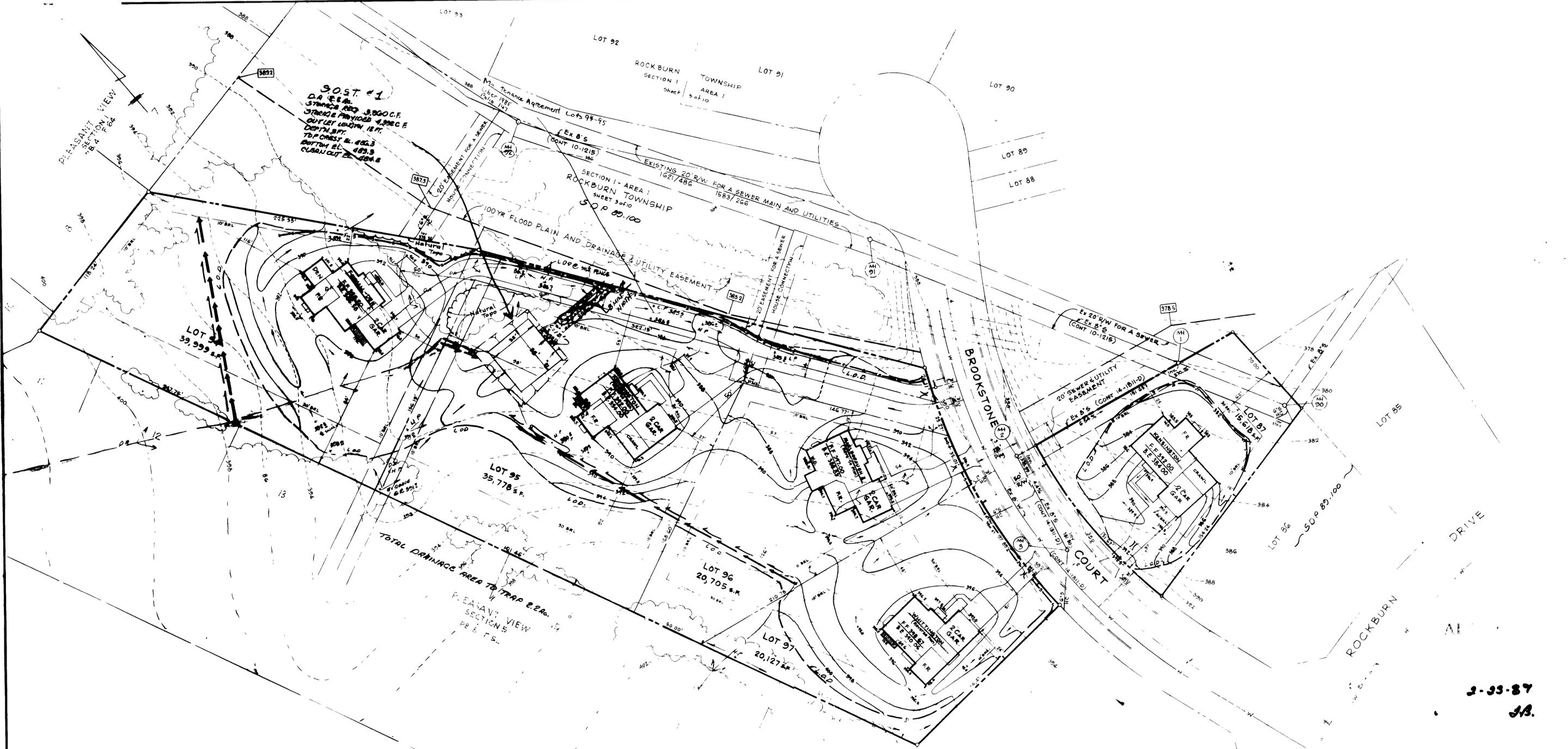
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 4/12/89
 5/1/89

APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 3/28/89

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 3/28/89

DEVELOPERS/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBILITIES FOR EROSION AND SEDIMENT CONTROL IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZES PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.
 DATE 3/28/89

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE 3/28/89



2-23-89
J.B.

SEWER HOUSE CONNECTIONS INVERT ELEVATIONS AT PROPERTY LINE		
STATION	LOT	ELEVATION
Ex MH 92 TO Ex MH 92		
0+17 LT	LOT 94	378.35
Ex MH 91 TO Ex MH 92		
0+53 LT	LOT 95 & 96	377.54
MH 2 TO MH 3		
0+25 RT	LOT 97	380.47
Ex MH 90 TO MH 1		
MH 90 LT.	LOT 87	370.11

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
James M. Anderson 4/13/89
 COUNTY HEALTH OFFICER DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
Joseph R. Smith 5/1/89
 PLANNING DIRECTOR DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, DRAINAGE SYSTEMS AND LAND DEVELOPMENT DATE
James M. Anderson 4/13/89
 ENGINEER FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, DRAINAGE SYSTEMS AND LAND DEVELOPMENT DATE
James M. Anderson 4/13/89
 ENGINEER FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DATE

APPROVED FOR HOWARD S.C.D. AND U.S. SOIL CONSERVATION SERVICE
James M. Anderson 3/31/89
 ENGINEER FOR HOWARD S.C.D. AND U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
James M. Anderson 3/31/89
 APPROVED DATE

DEVELOPERS/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.
James M. Anderson 3/31/89
 SIGNATURE OF DEVELOPER/FOUNDER DATE

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
James M. Anderson 3/31/89
 SIGNATURE DATE

LOT NUMBER	AREA	SHEET	TOTAL SHEETS
LOT 87	SECTION I	1 OF 14	14
LOT 94	SECTION I	N/A	
LOT 95	SECTION I	N/A	
LOT 96	SECTION I	N/A	
LOT 97	SECTION I	N/A	

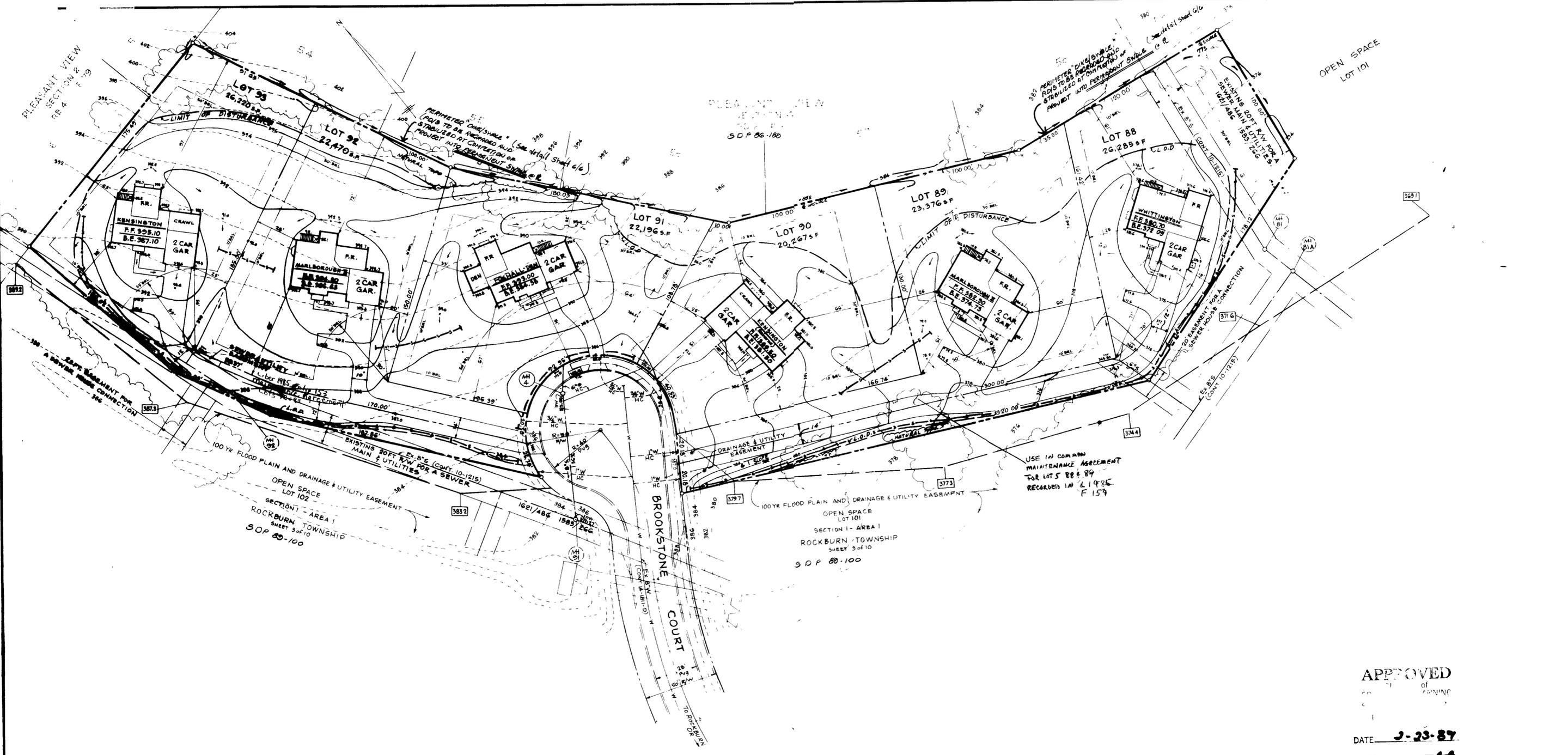
LAND DESIGN ASSOCIATES
 718 HIGHWOOD DRIVE
 BALTIMORE, MD 21212 301/323-0805

ROCKBURN TOWNSHIP
 SECTION I - AREA I
 LOTS 87, 94, 95, 96, 97

SITE DEVELOPMENT & SEDIMENT CONTROL
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: ORANSON HOMES INC
 #9025 CHEVROLET DRIVE
 ELICHT CITY, MD 21043

DESIGNED P.S.
 DRAWN P.S.
 CHECKED R.W.
 SCALE 1"=30'
 SHEET 3 OF 14
 DATE 3/31/89



APPROVED
 DATE: **3-23-89**
 J.S.

SEWER HOUSE CONNECTIONS INVERT ELEVATIONS AT PROPERTY LINE		
STATION	LOT	ELEVATION
Ex. MH 81A TO MH 90		
1+16 RT.	LOT 88 & 89	365.20
Ex. MH 91 TO MH 4		
0+79 RT.	LOT 90	374.08
MH 4 NE	LOT 91	373.57
Ex. MH 92 TO Ex. MH 93		
0+95 RT.	LOT 92 & 93	377.13

SLOPE CHART			
LOT NUMBER	GROSS A	SLOPE A	NET AREA
LOT 88	26,285 sq ft	2.400 %	25,885 sq ft
LOT 89		N.A.	
LOT 90		N.A.	
LOT 91		N.A.	
LOT 92		N.A.	
LOT 93		N.A.	

LAND DESIGN ASSOCIATES
 718 HIGHWOOD DRIVE
 BALTIMORE, MD 21212 301/323-0805

LOTS:-
 1, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50,
 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89,
 90, 91, 92, 93, 94, 96, 97, 98

ROCKBURN TOWNSHIP
 SECTION 1 ~ AREA 1
 LOTS 88, 89, 90, 91, 92, 93 SHEET

SITE DEVELOPMENT & SEDIMENT CONTROL
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: GRAYSON HOMES, INC.
 9025 CHEVROLET DRIVE
 ELLICOTT CITY, MD 21043

DESIGNED P.S.S.
 DRAWN P.S.S.
 CHECKED R.V.

SCALE 1" = 40'
 SHEET 4 OF 6
 DATE 3/19/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 APPROVED FOR HOWARD S.C.D. AND HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

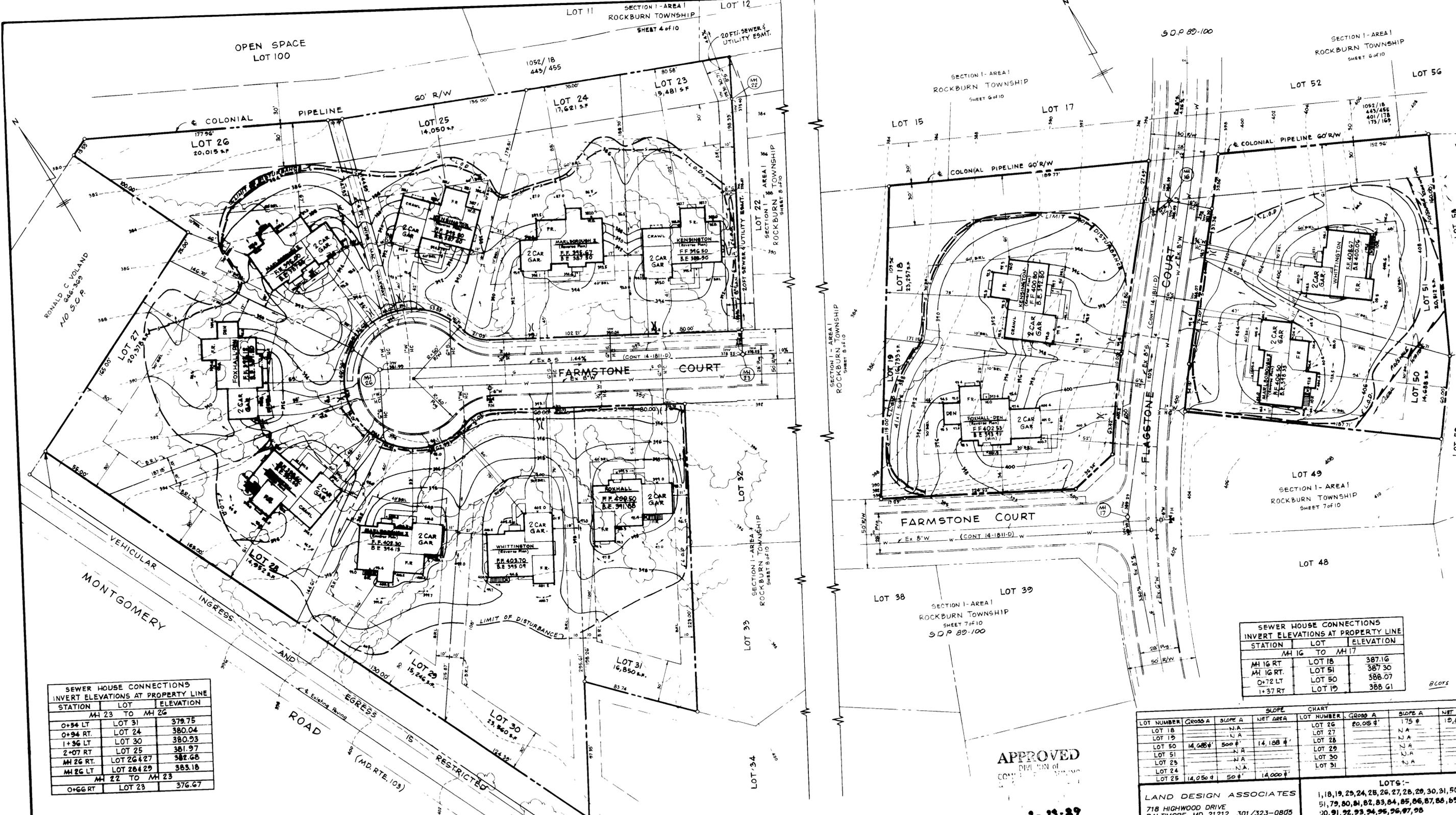
DATE: 4/13/89
 DATE: 5/1/89
 DATE: 4-10-89

REVIEWED FOR HOWARD S.C.D. AND HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 3/28/89

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 DATE: 3/28/89

DEVELOPERS/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.
 DATE: 3/6/89

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 3/8/89



STATION	LOT	ELEVATION
MH 23 TO MH 26		
0+54 LT	LOT 31	379.75
0+94 RT	LOT 24	380.04
1+36 LT	LOT 30	380.93
2+07 RT	LOT 25	381.97
MH 26 RT.	LOT 26 & 27	382.68
MH 26 LT	LOT 28 & 29	383.18
MH 22 TO MH 23		
0+66 RT	LOT 23	376.67

STATION	LOT	ELEVATION
MH 16 TO MH 17		
MH 16 RT.	LOT 18	387.16
0+72 LT	LOT 51	387.30
1+37 RT	LOT 50	388.07
	LOT 19	388.61

LOT NUMBER	GROSS A	SLOPE A	NET AREA	LOT NUMBER	GROSS A	SLOPE A	NET AREA
LOT 18	N/A	N/A		LOT 26	20,015 sq'	175 #	19,840 sq'
LOT 19	N/A	N/A		LOT 27		N/A	
LOT 50	14,088 sq'	500 #	14,128 sq'	LOT 28		N/A	
LOT 51	N/A	N/A		LOT 29		N/A	
LOT 23	N/A	N/A		LOT 30		N/A	
LOT 24	N/A	N/A		LOT 31		N/A	
LOT 25	14,050 sq'	50 #	14,000 sq'				

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *[Signature]* DATE 4/13/89
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR *[Signature]* DATE 5/1/89
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE 4/21/89
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *[Signature]* DATE
 CHIEF BUREAU OF ENGINEERING *[Signature]* DATE 4-15-89

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 SIGNATURE *[Signature]* DATE 3/30/89
 U.S. SOIL CONSERVATION SERVICE APPROVED

DEVELOPERS/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS. AS DEEMED NECESSARY.
 SIGNATURE *[Signature]* DATE 3/6/89
 SIGNATURE OF DEVELOPER/BUILDER DATE

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE *[Signature]* DATE 3/1/89
 ENGINEER DATE

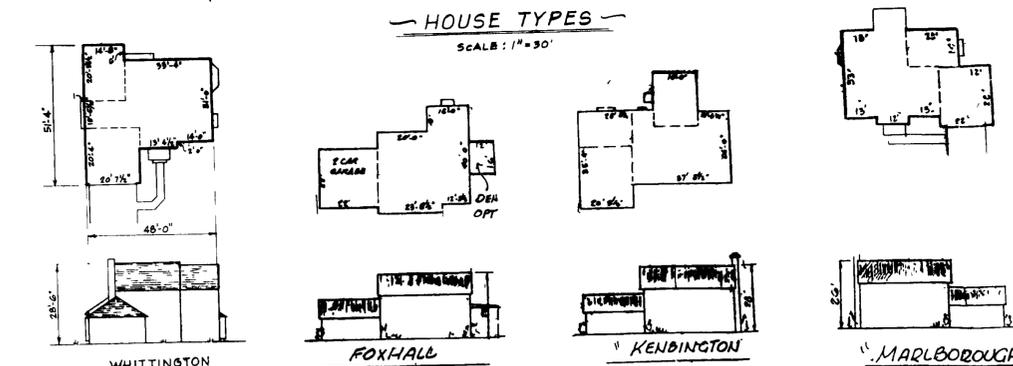
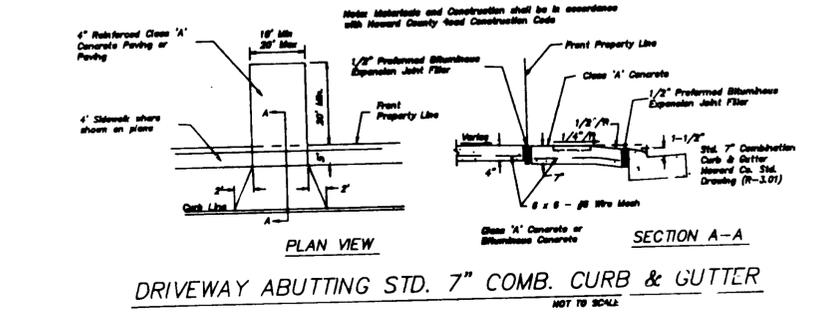
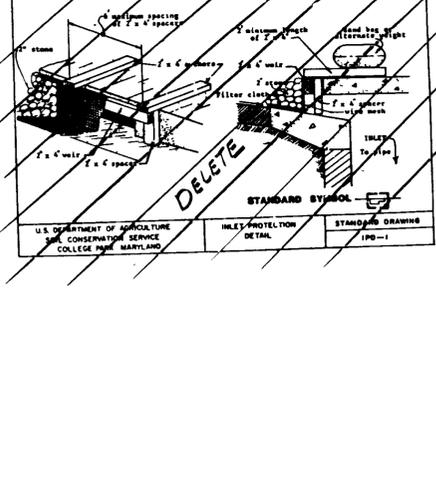
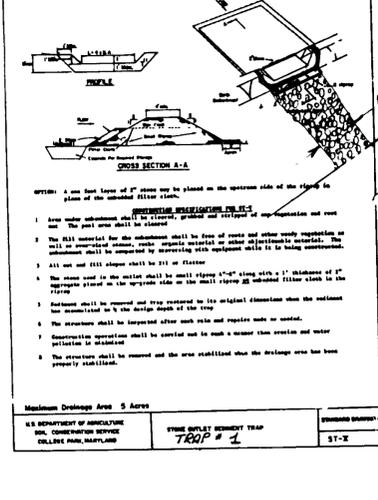
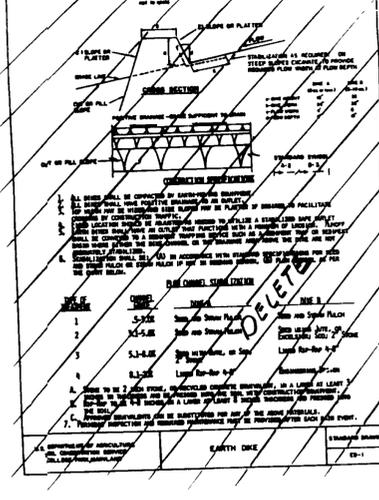
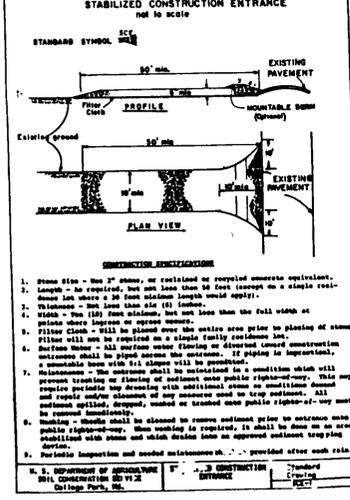
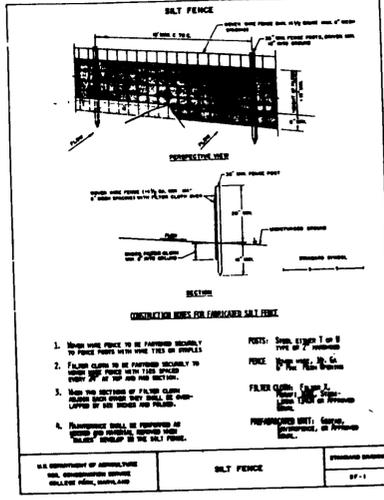
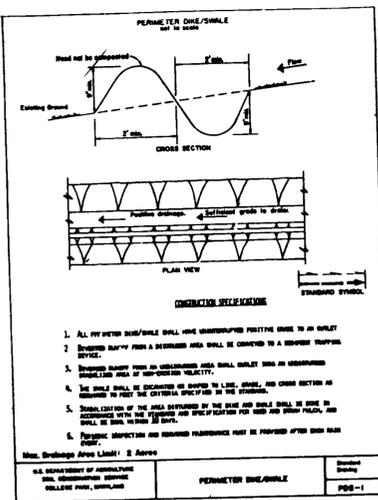
APPROVED
 DIVISION OF COMMUNITY PLANNING
 2-23-89
 J.B.

LAND DESIGN ASSOCIATES
 718 HIGHWOOD DRIVE
 BALTIMORE, MD 21212 301/323-0805

ROCKBURN TOWNSHIP
 SECTION I - AREA I THIS SHEET
 SITES: 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50, 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98

SITE DEVELOPMENT & SEDIMENT CONTROL
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR GRAYSON HOMES, INC.
 9025 CHEVROLET DRIVE
 ELICOTT CITY, MD 21043
 DESIGNED RBS
 DRAWN RBS
 CHECKED RLW
 SCALE 1"=20'
 SHEET 5 OF 6
 DATE 3/8/89



SEQUENCE OF OPERATIONS

NOTE: Houses on lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50, 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98.

1. Notify Sediment Control Division 48 hours prior to start of operation.
2. Clear and grub for sediment control measures only.
3. Grade for sediment control measures in designated areas.
4. Install all sediment control measures that do not conflict with existing sediment traps and basins.
5. Clear and grub remainder of site.
6. Excavate foundations and rough grade site excluding lots.
7. With the approval of the inspector install remaining sediment control devices on the remaining lots.
8. Excavate and rough grade lots.
9. Fine grade, topsoil, and seed areas immediately.
10. After turf is established and upon the approval of the inspector, remove temporary sediment control measures and clean up site.
11. PROVIDE STONE CONSTRUCTION OUTLET AT TRAP #1 TO PROPERTY LINE.

SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, 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 establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operation condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:

Total Area of Site	15.61 acres
Area Disturbed	11.70 acres
Area to be roofed or paved	2.18 acres
Area to be vegetatively stabilized	9.88 acres
Total Cut	10.82 cu. yds.
Total Fill	11.47 cu. yds.
- 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) On all sites with disturbed areas in excess of 12 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.

TEMPORARY SEEDING NOTES

A. SEEDBED PREPARATION - Loosen upper 3 inches of soil by discing, raking, or other acceptable means, IF NOT PREVIOUSLY LOOSENED.

B. SOIL AMENDMENTS - Apply 600 lbs./1000 sq.ft. of 10-20-10 fertilizer.

C. SEEDING - For periods March 1 thru April 30, and from August 15 thru November 15, seed with 2 1/2 bushels per acre (3.2 pounds/1000 sq.ft. of annual ryegrass). For the period May 1 thru August 14 seed with 3 pounds per acre (0.07 lbs./1000 sq.ft.) with Weeping Lovegrass.

D. MULCHING - Apply 1.5 to 2 tons per acre (70 to 90 pounds per 1000 sq.ft.) of unrattled small grain straw immediately after seeding. Anchor mulch immediately after seeding. Apply 348 gallons per acre (8 gallons/1000 sq.ft.) of emulsified asphalt.

PERMANENT SEEDING NOTES

A. SEEDBED PREPARATION - Scarify or otherwise loosen upper 5 inches of soil. Grade shall be broken up and the top three (3) inches of soil shall be worked into a satisfactory seedbed by raking, discing or other acceptable means before seeding, IF NOT PREVIOUSLY LOOSENED.

B. SOIL AMENDMENTS - Apply 3 tons per acre dolomitic limestone (138 lbs./1000 sq.ft.) and 600 lbs. per acre 0-20-20 fertilizer (14 lbs./1000 sq. ft.). Harrow or disc lime and fertilizer into upper three inches of soil. At time of seeding apply 400 lbs. per acre (9.2 lbs./1000 sq.ft.) of 38-0-0 ureaform fertilizer and 500 lbs. per acre (11.5 lbs./1000 sq.ft.) of 10-20-20 fertilizer.

C. SEEDING - Grass seed shall be certified seed only and should be delivered to the site with original state certification, or, in the case of a mixture, certified by the Maryland Department of Agriculture.

TURF GRASS MIXTURE
10 lbs./1000 sq. ft. or 300 lbs./acre

Common Name	% by Weight	Min %	Maximum %
Tall Fescue (Rebel TS, Hound Dog, Falcon N-78 or Shannon K5-27)	90	98	90
Kentucky Blue Grass (Kenblue)	10	98	90

D. MULCHING - Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unrattled small grain straw immediately after seeding. Apply mulch immediately after seeding. Anchor mulch immediately after application using 348 gallons per acre (8 gallons/1000 sq.ft.) of emulsified asphalt.

E. MAINTENANCE - Inspect all seeded areas and make needed repairs, replacements, and reseedings.

APPROVED

DATE: 2-23-89

J.B.

ENGINEERS CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Walter P. Hinkle
ENGINEER
DATE: 3/8/89

DEVELOPERS/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

DATE: 3/8/89

APPROVED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

DATE: 3-30-89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

DATE: 4/13/89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 5/1/89

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 4-10-89

LAND DESIGN ASSOCIATES
718 HIGHWOOD DRIVE
BALTIMORE, MD 21212 301/323-0805

ROCKBURN TOWNSHIP
SECTION 1 - AREA 1 (34 LOTS)

SITE DEVELOPMENT & SEDIMENT CONTROL PLAN
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: FOR GRAYSON HOMES, INC.
9025 CHEVROLET DRIVE
ELLCOTT CITY, MD 21043

DESIGNED: P.S.S.
DRAWN: P.S.S.
CHECKED: R.C.W.

SCALE: 1" = 30'
SHEET: 6 OF 6
DATE: 3/9/89

LOTS: 1, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 50, 51, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98