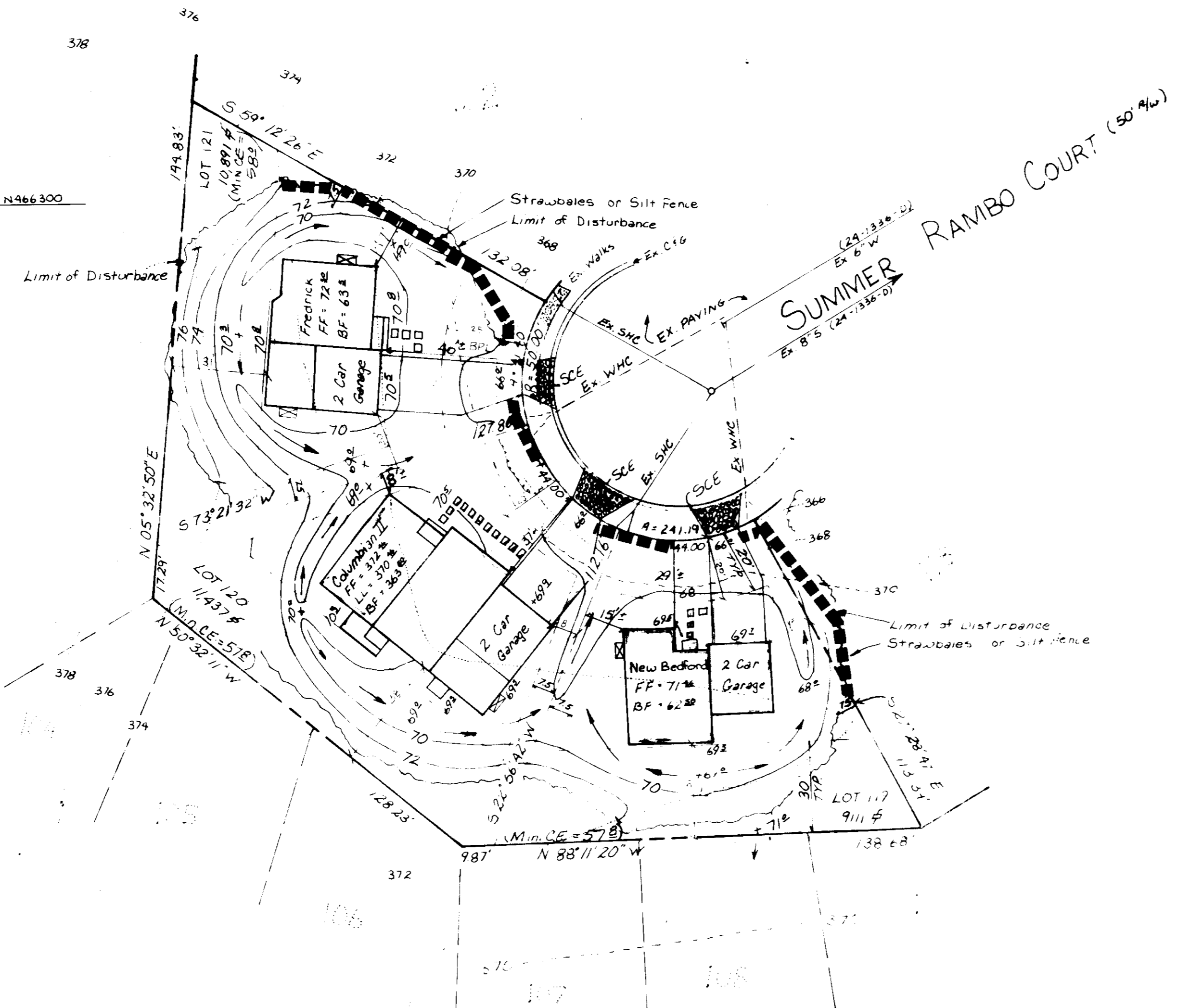


SEWELLS ORCHARD
Section 4 Area 1



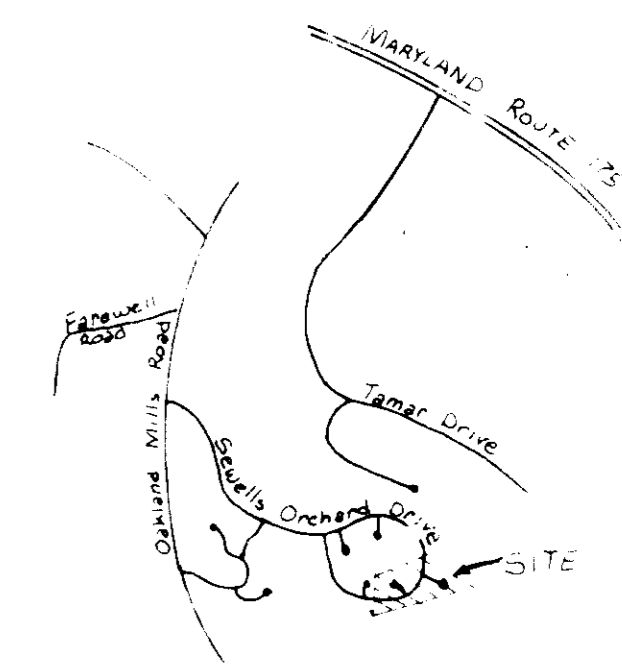
PLAN
SCALE = 1" = 30'

CONSTRUCTION SEQUENCE

1. Install sediment control
2. Clear site
3. Strip and stockpile topsoil
4. Excavate for foundation
5. Four footings
6. Install foundation walls
7. Install utilities
8. Backfill foundation
9. Rough grade site
10. Install walks and drive
11. Fine grade site
12. Landscape
13. Stabilize site

*Mulch only to be used during winter months.

1. Storm water management system shall be installed in accordance with the requirements of the Maryland Department of the Environment (MDE) Code 86.03.01.
2. The land included in this plan shall be used for the purposes stated herein and shall not be used for any other purpose.
3. All utility lines shall be located within the established easements. If any utility lines are located outside the established easements, the developer shall be responsible for their relocation. All utility lines shall be marked with survey monuments to the Maryland Department of the Environment and the Maryland Department of Transportation. Survey monuments in the Columbia area.
4. The area covered in this submission is located on Tax Map 36 Parcel 14.
5. Street trees, as required in Section 16.131 of the subdivision regulations are the responsibility of the developer.
6. Each driveway shall be Howard County Standard (see detail).
7. All roadways are public.
8. Any damage to County owned Rights-of-way shall be corrected at the developer's expense.
9. Property shown is recorded on Plats 6261, 6262, 6263 dated 6-85.
10. Materials and construction shall be in accordance with Howard County Road Construction Code.
11. Topography from field survey by Development Consultants Group, Inc. May 1985.
12. Water and sewer for this plan are based on approved plan, Contract No.s 24-1286-D; 24-1152-D; 24-1336-D.
13. Limit of disturbance indicated thus:
14. Maximum graded slope: 3:1
Minimum graded slope: 2%
15. AREA: 2.57± AC.
16. 12 LOTS



VICINITY MAP
Scale 1" = 2000'

FOLLOWING INITIAL SOIL DISTURBANCE OR EROSION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, EXCESSES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS OF THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

DEVELOPER'S CERTIFICATE
I HAVE CERTIFIED THAT THE INFORMATION CONTAINED HEREIN WILL BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND RESPONSIBILITY. PERSONNEL EMPLOYED BY ME IN CONNECTION WITH THIS PROJECT WILL HAVE A CERTIFICATE OF TRAINING FROM THE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENTATION BEFORE BEGINNING THE PROJECT.
Drew Schmitt 9-11-85

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN AND EROSION CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE AND THE INFORMATION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DISTRICT.
John D. Ham 9-11-85

REVIEWED FOR HOWARD COUNTY S.C.D.
AND MEETS TECHNICAL REQUIREMENTS
[Signature] 10/24/85
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
[Signature] 10/24/85
HOWARD S.C.D.

STREET ADDRESS CHART

LOT #	STREET ADDRESS
119	6721 SUMMER RAMBO CT.
120	6725 " "
121	6729 " "
136	6609 SEWELLS ORCHARD DR.
137	6613 " "
141	6709 " "
142	6713 " "
143	6717 " "
144	6721 " "
145	6725 " "
151	6749 " "
152	6753 " "

UNINCORPORATED	SEWELLS ORCHARD	SEC. 4-2	LOT 119-121, 136-152, 141-145, 151
BLK	657/91	ZONE	RSC
BLK DIST	17	BLK DIST	36
BLK DIST	6"	BLK DIST	6065 02
BLK DIST	EOA	BLK DIST	5333400

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-29-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 10-30-85
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 10-24-85
DIRECTOR DATE

APPROVED: CHIEF BUREAU OF ENGINEERING
[Signature] 10-24-85
DATE

OWNER
CONSUMERS HOME BUILDERS
17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

NO.	REVISION	DATE



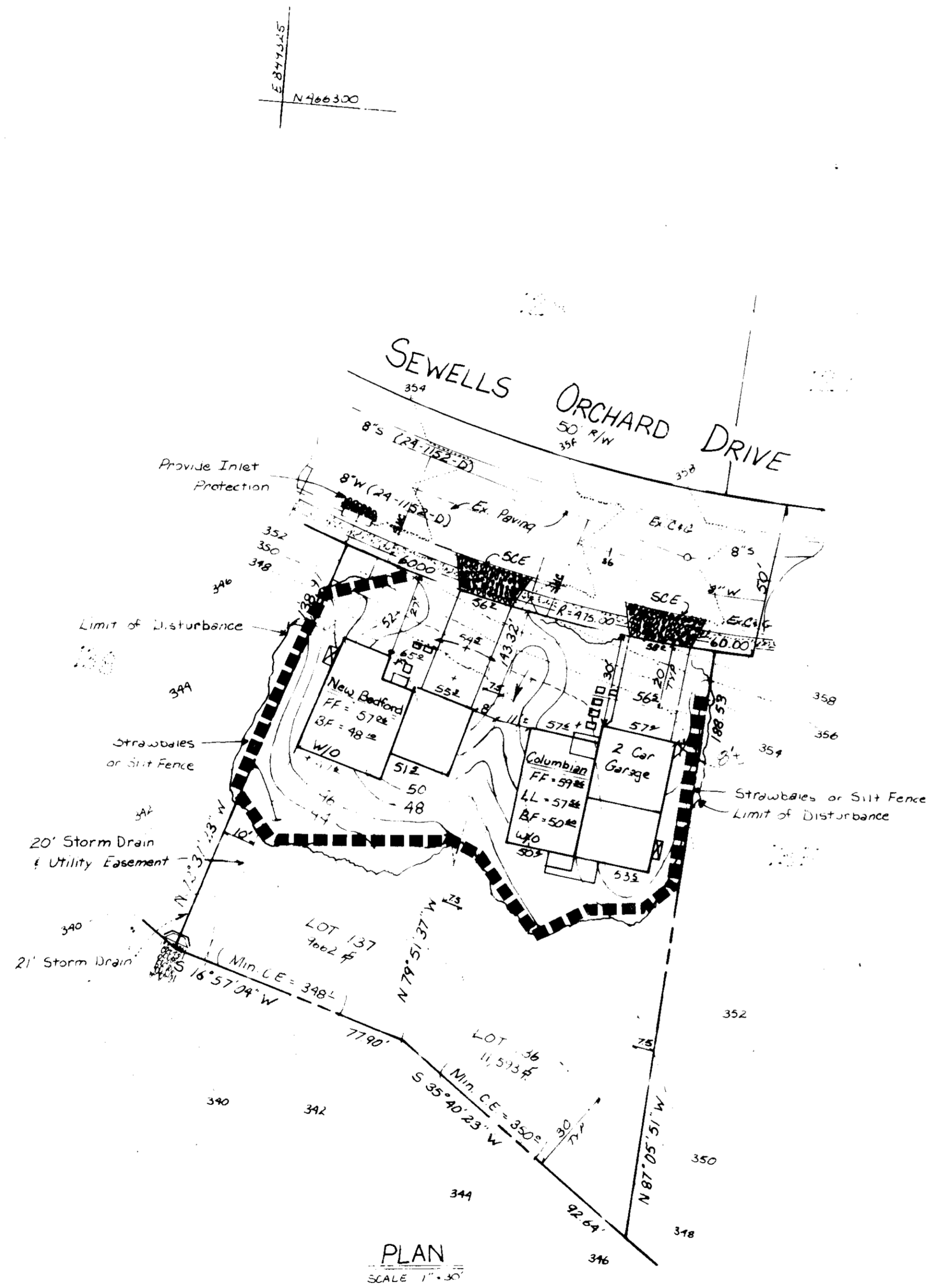
DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

SITE DEVELOPMENT PLAN
SECTION 4 AREA 2
SEWELLS ORCHARD
LOT 119-121, 136, 137, 141-145, 151, 152
Tax Map No 36 Parcel No 247 Guilford (6th) Election District
Howard County, Maryland

SPP # 5000
DATE MAY 1985
DRAWN MAM
CHECKED
SCALE 1" = 30'
Sheet 7 of 5
PROJECT NO. 85-2-2

SDP-86-65



CONSTRUCTION SEQUENCE

1. Install sediment control
2. Clear site
3. Strip and stockpile top soil
4. Excavate for foundation
5. Pour footings
6. Install foundation walls
7. Install utilities
8. Backfill foundation
9. Rough grade site
10. Install walks and drive
11. Fine grade site
12. Landscape
13. Stabilize site

*Mujcb only to be used during winter months.

*NOTE: See Sheet # 40. General Notes

SEWELLS ORCHARD		4-2	119-121, 130, 137, 141-149, 151, 152
637, 71	17	RSC	36
			6m 6065.02
E04		5333400	

LOT #	STREET ADDRESS
119	6721 SUMMER RAMBO CT.
120	6723 " "
121	6729 " "
136	6609 SEWELLS ORCHARD DR.
137	6613 " "
141	6709 " "
142	6713 " "
143	6717 " "
144	6721 " "
145	6723 " "
151	6749 " "
152	6753 " "

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-18-85
[Signature]



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, Dikes, Scales, Ditches, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT THIS DEVELOPMENT PLAN AND EROSION CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EROSION CONTROL DISTRICT."
[Signature] 9-11-85

ENGINEER'S CERTIFICATE
"I CERTIFY THAT THIS PLAN AND EROSION CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EROSION CONTROL DISTRICT."
[Signature] 9-11-85

REVIEWED FOR HOWARD S.C.D.
NAME
AND MEETS TECHNICAL REQUIREMENTS
[Signature] 10/22/85
U.S. SOIL CONSERVATION SERVICE


THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE U.S. SOIL CONSERVATION DISTRICT
[Signature] 10/27/85
HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-29-85
COUNTY HEALTH OFFICER DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 10-30-85
DIRECTOR DATE
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROAD, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 10-24-85
DIRECTOR DATE
[Signature] 10-24-85
CHIEF BUREAU OF ENGINEERING

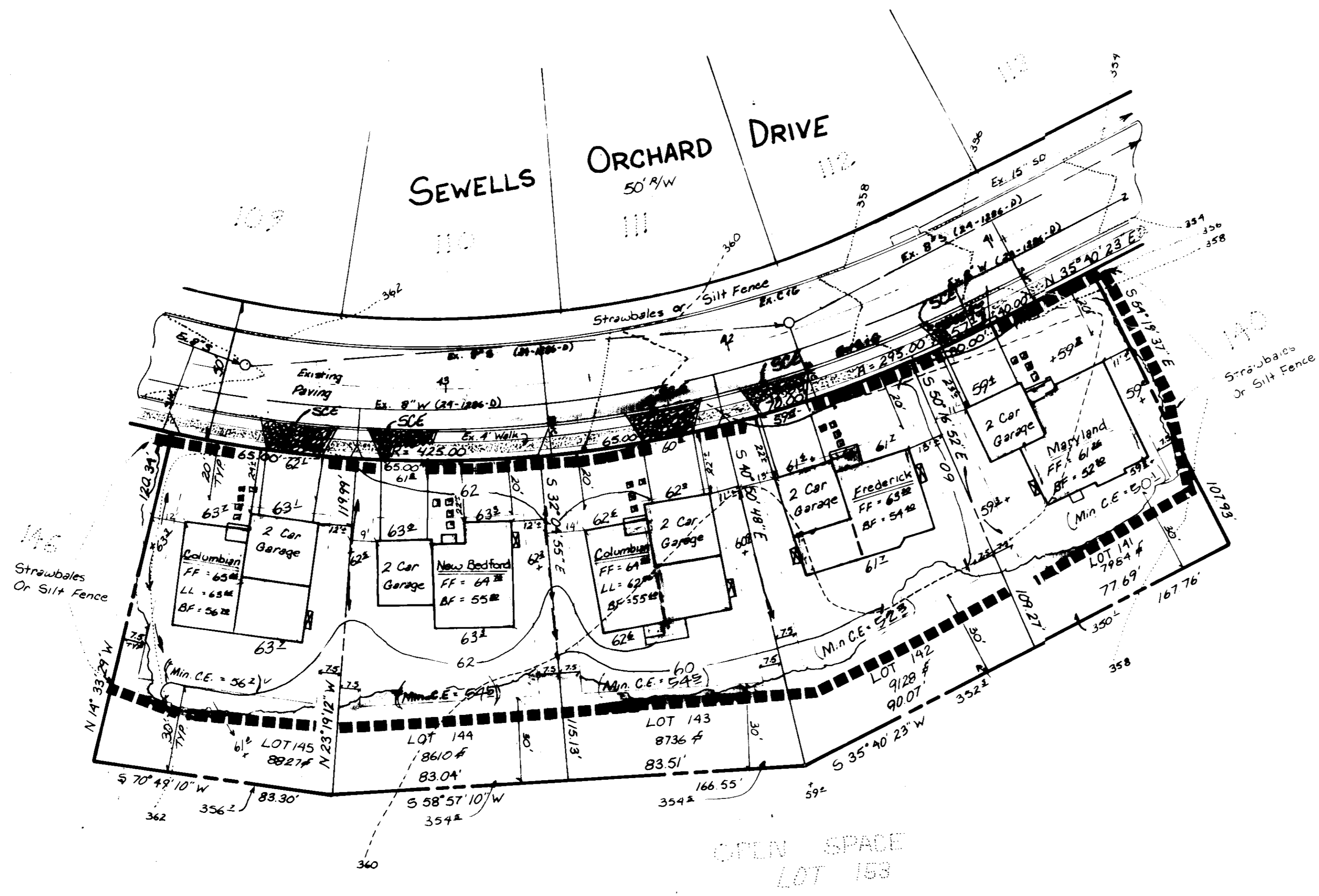
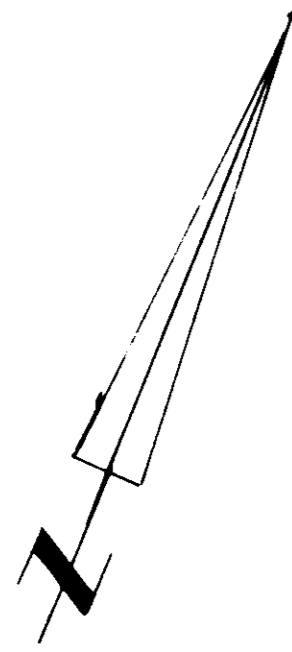
OWNERS
UNDEVELOPED HOME BUILDERS
JORMAN PLAZA BLDG SUITE 102
7950 BELT RD
BETHESDA, MARYLAND 20814
(301) 995-0065

NO	REVISIONS	DATE

 **DEVELOPMENT CONSULTANTS GROUP, INC.**
17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

SITE DEVELOPMENT PLAN
SECTION 4 AREA 2
SEWELLS ORCHARD
LOT 119-121, 130, 137, 141-149, 151, 152
Tax Map No 36 Parcel No 247 Guilford (6th) Election District
Howard County Maryland

DATE MAY 1985
DRAWN MKM
CHECKED
SCALE 1" = 30'
SHEET 2 of 5
PROJECT 12-27
SDP-86-65



PLAN

SCALE 1" = 30'

CONSTRUCTION SEQUENCE

1. Install sediment control
2. Clear site
3. Strip and stockpile topsoil
4. Excavate for foundation
5. Four footings
6. Install foundation walls
7. Install utilities
8. Backfill foundation
9. Rough grade site
10. Install walks and drive
11. Fine grade site
12. Landscape
13. Stabilize site

*Which only to be used during winter months.



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-18-85

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS OF THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

DEVELOPER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL EMPLOYED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF TRAINING FROM THE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL PROGRAM FOR THE CONTINUAL EDUCATION PROGRAM BEFORE BEGINNING THE PROJECT.

Dr. S. S. S. S. 9-11-85

ENGINEER'S CERTIFICATE

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

John D. Lane 9-11-85

REVIEWED FOR HOWARD S.C.D.

AND MEETS TECHNICAL REQUIREMENTS

James H. S. S. 10/22/85
 U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen S. S. S. 10/22/85
 HOWARD S.C.D. DATE

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

Joseph S. S. S. 10-29-85
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DIRECTOR *John W. S. S.* DATE 10-30-85
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

DIRECTOR *John F. S. S.* DATE 10-24-85
 CHIEF BUREAU OF ENGINEERING

STREET ADDRESS CHART

LOT #	STREET ADDRESS
119	6721 SUMMER RAMBO CT.
120	6725 " "
121	6729 " "
136	6609 SEWELLS ORCHARD DR.
137	6613 " "
141	6709 " "
142	6713 " "
143	6717 " "
144	6721 " "
145	6725 " "
151	6749 " "
152	6753 " "

*NOTE: See Sheet 1 for General Notes

SEWELLS ORCHARD	SECTION 4	AREA 2
65/1/41	17	RSC 36
E04		5333400

SITE DEVELOPMENT PLAN
 SECTION 4 AREA 2
SEWELLS ORCHARD
 LOT 141, 142, 143, 144, 145, 151, 152
 Tax Map No. 36 Parcel No. 247 Guilford (6th) Election District
 Howard County, Maryland

SDP-86-65

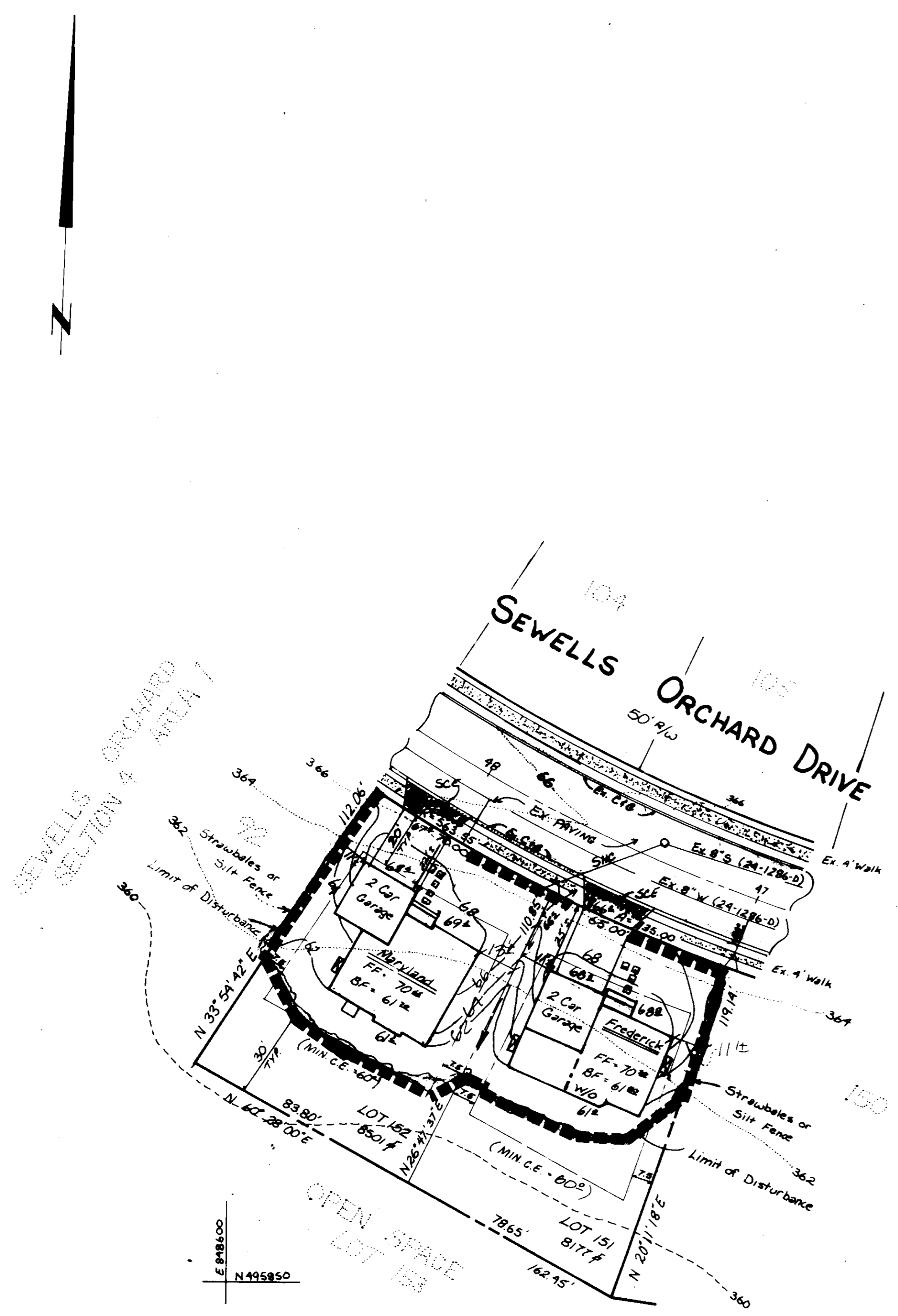


DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE SUITE 102
 OLNEY, MARYLAND 20832
 301-924-4570

Owner: THE HOME BUILDERS
 JORMAN PLAZA BLDG. SUITE 200
 8950 ROUTE 108
 COLUMBIA, MARYLAND 21046
 301-995-0065

NO.	REVISIONS	DATE

DATE: MAY 1985
 DRAWN: MKM
 CHECKED: MKM
 SCALE: 1" = 30'
 Sheet 3 of 5
 PROJECT NO.



CONSTRUCTION SEQUENCE

1. Install sediment control
2. Clear site
3. Strip and stockpile topsoil
4. Excavate for foundation
5. Four footings
6. Install foundation walls
7. Install utilities
8. Backfill foundation
9. Rough grade site
10. Install walks and drive
11. Fine grade site
12. Landscape
13. Stabilize site

*Mulch only to be used during winter months.

* See Sheet 1 For General Notes

Subdivision Name	SEWELLS ORCHARD	Sec./Area	4-2	Lot/1/4-1/2, 1/4	151, 149, 152, 153
Dist.	657/91	Block #	17	Zone	RSC
Sheet Code	E04	Tax/Zone Map	36	Elect. Dist.	6065.02
Sheet Code	E04	Sheet Code	5332100		

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-18-85



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

DEVELOPER'S CERTIFICATE
"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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
New Schick 9-11-85
DATE

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."
William D. Ham 9-11-85
DATE

REVIEWED FOR HOWARD C.C.D.
NAME
AND MEETS TECHNICAL REQUIREMENTS
Jane M. Hales 10/22/85
DATE
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Stephen L. Hales 10-22-85
DATE
HOWARD S.C.D.

STREET ADDRESS CHART

LOT #	STREET ADDRESS
119	6721 SUMMER RAMBO CT.
120	6725 " "
121	6729 " "
136	6609 SEWELLS ORCHARD DR.
137	6613 " "
141	6709 " "
142	6715 " "
143	6717 " "
144	6721 " "
145	6725 " "
151	6749 " "
152	6753 " "

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joseph E. Byler 10-29-85
DATE
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John W. Murchison 10-30-85
DATE
DIRECTOR
DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James E. Murphy 10-24-85
DATE
DIRECTOR
CHIEF BUREAU OF ENGINEERING

OWNER:
CONSOLIDATED HOME BUILDERS
GURMAN PLAZA BLDG. SUITE 116
8450 ROUTE 108
COLUMBIA, MARYLAND 21046
301-795-0069

NO.	REVISIONS	DATE

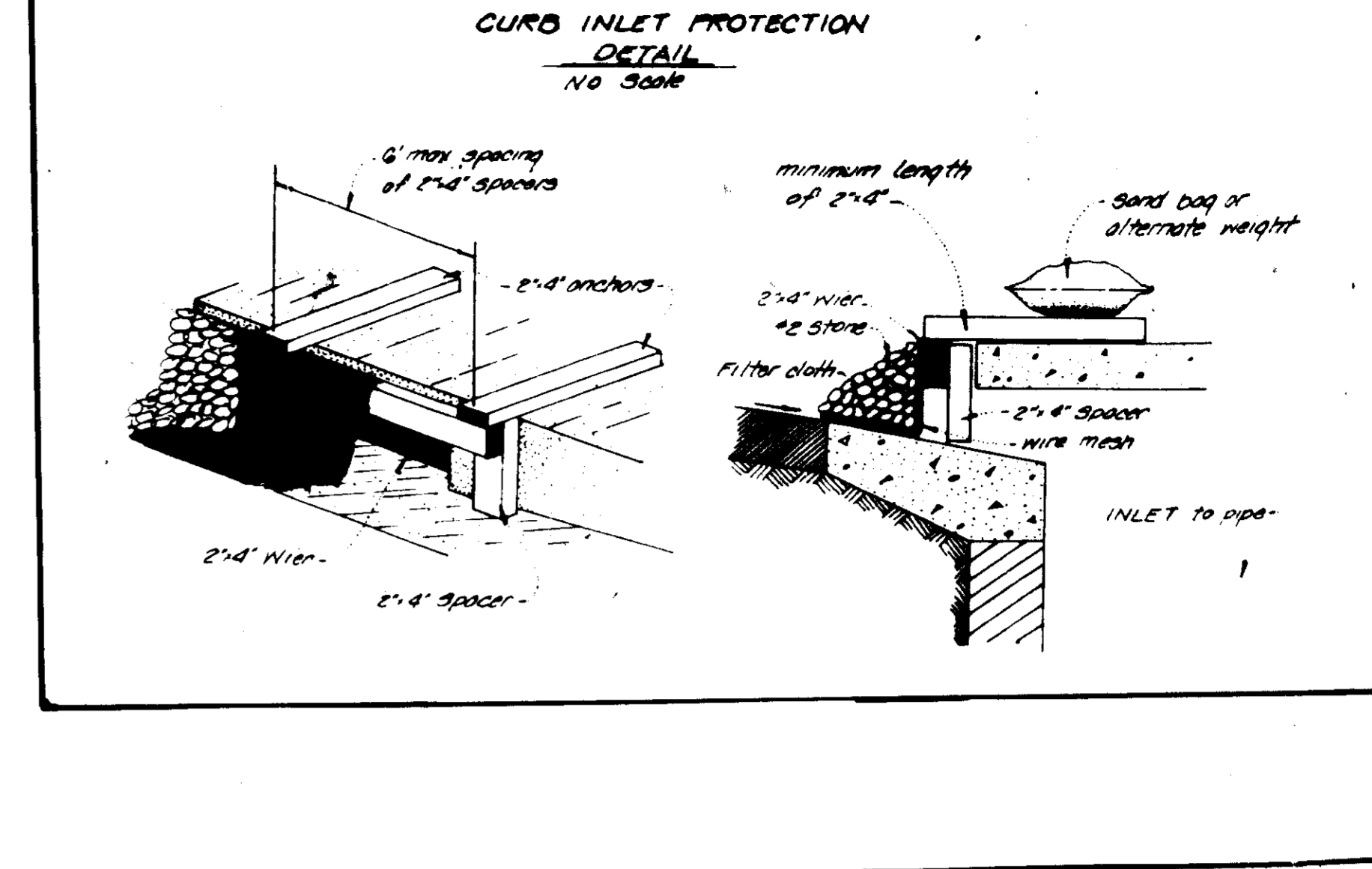
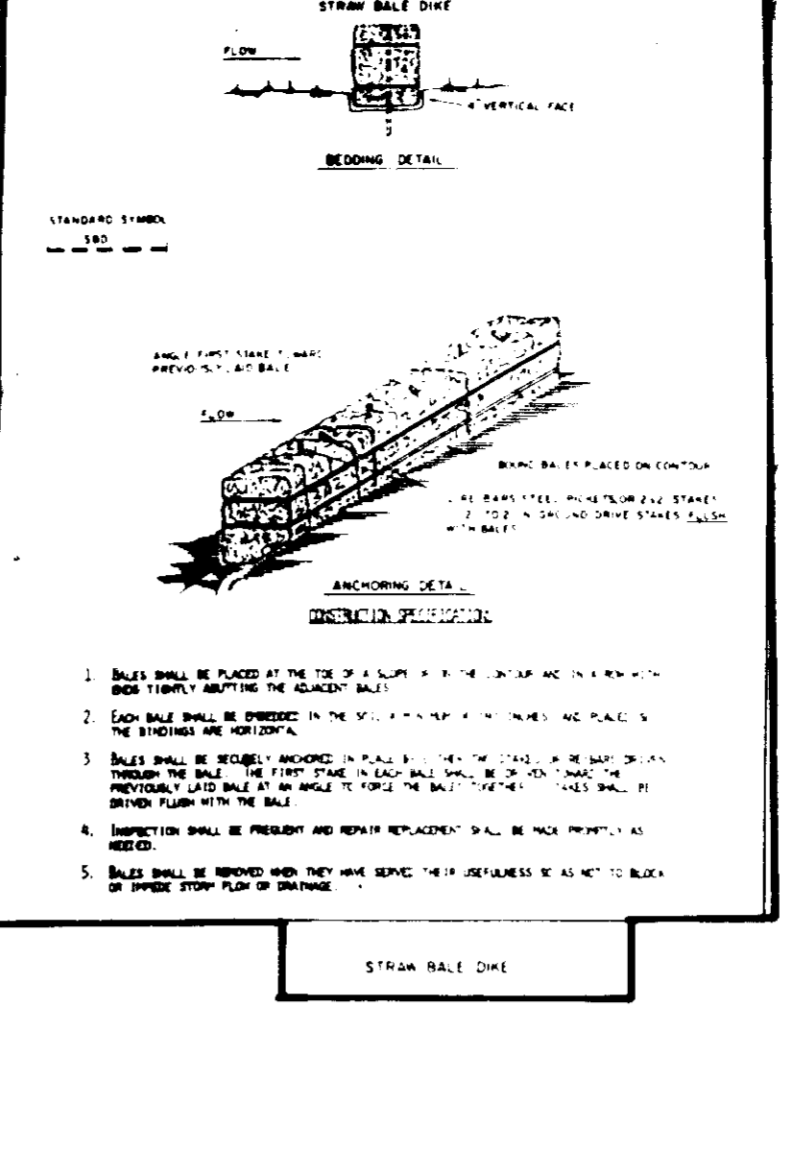
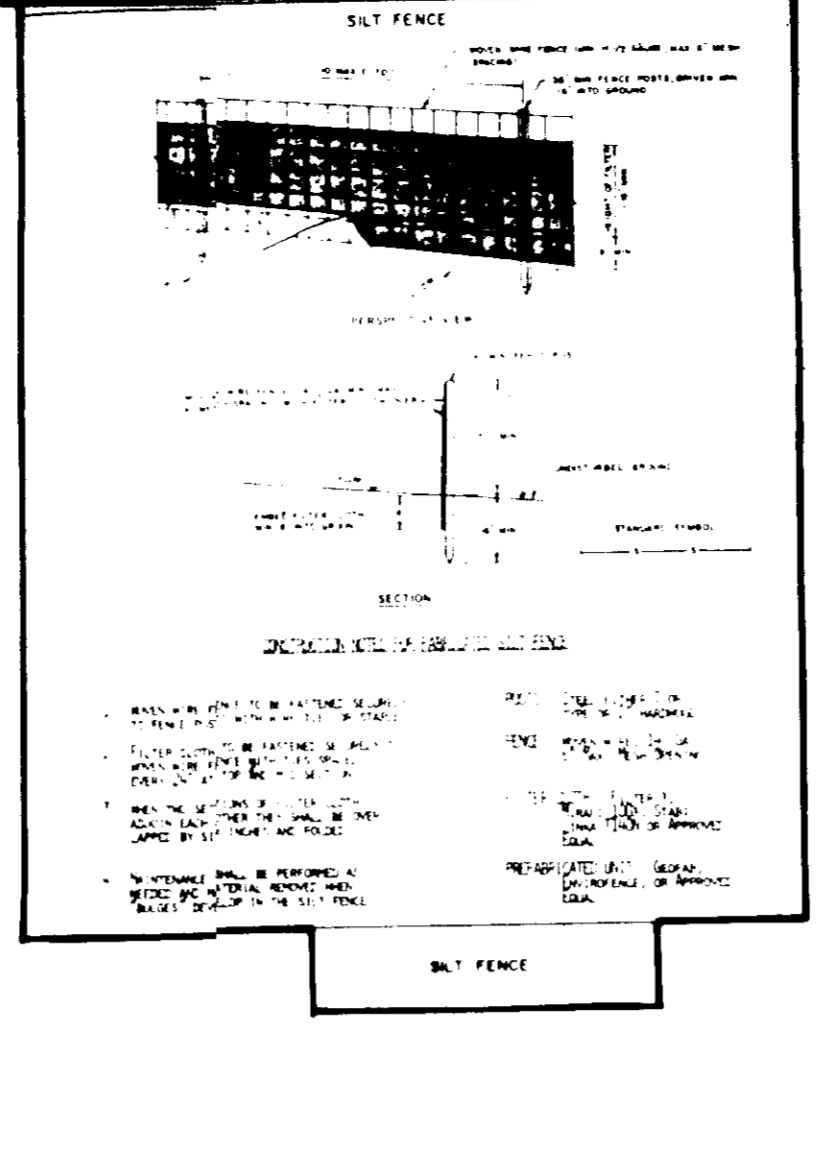
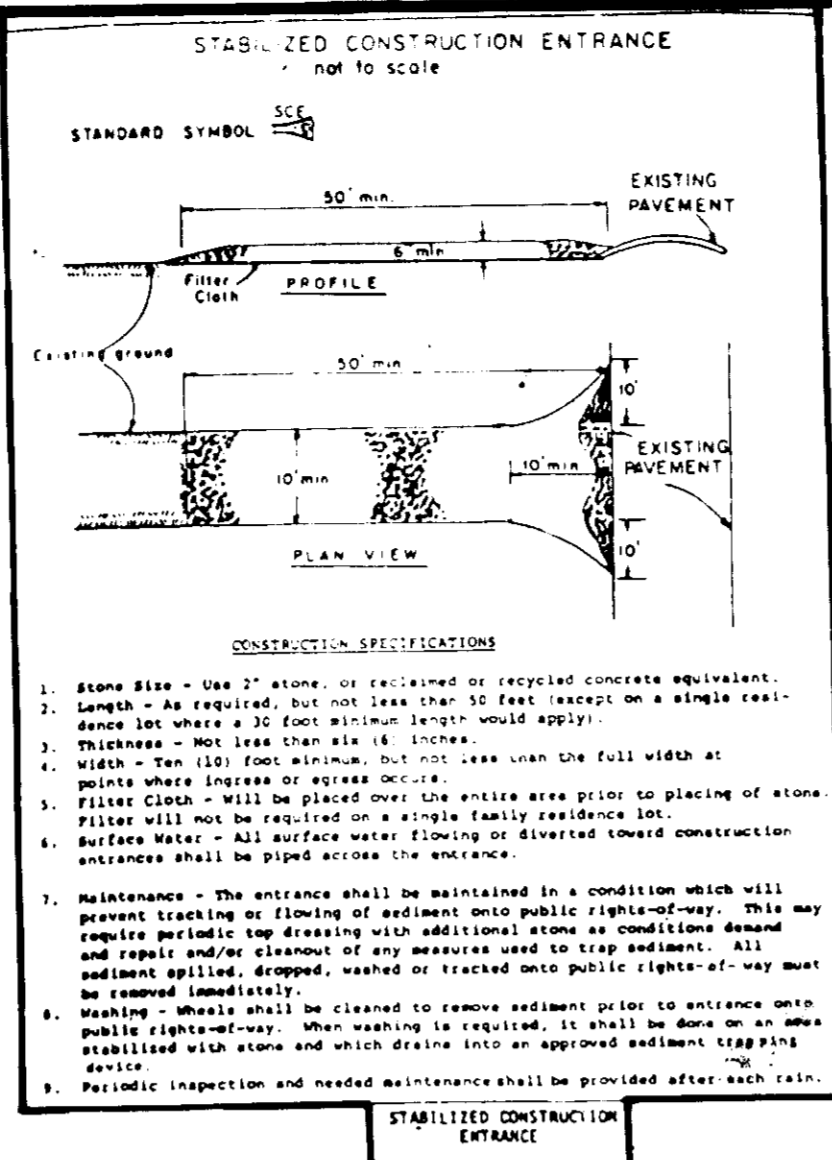
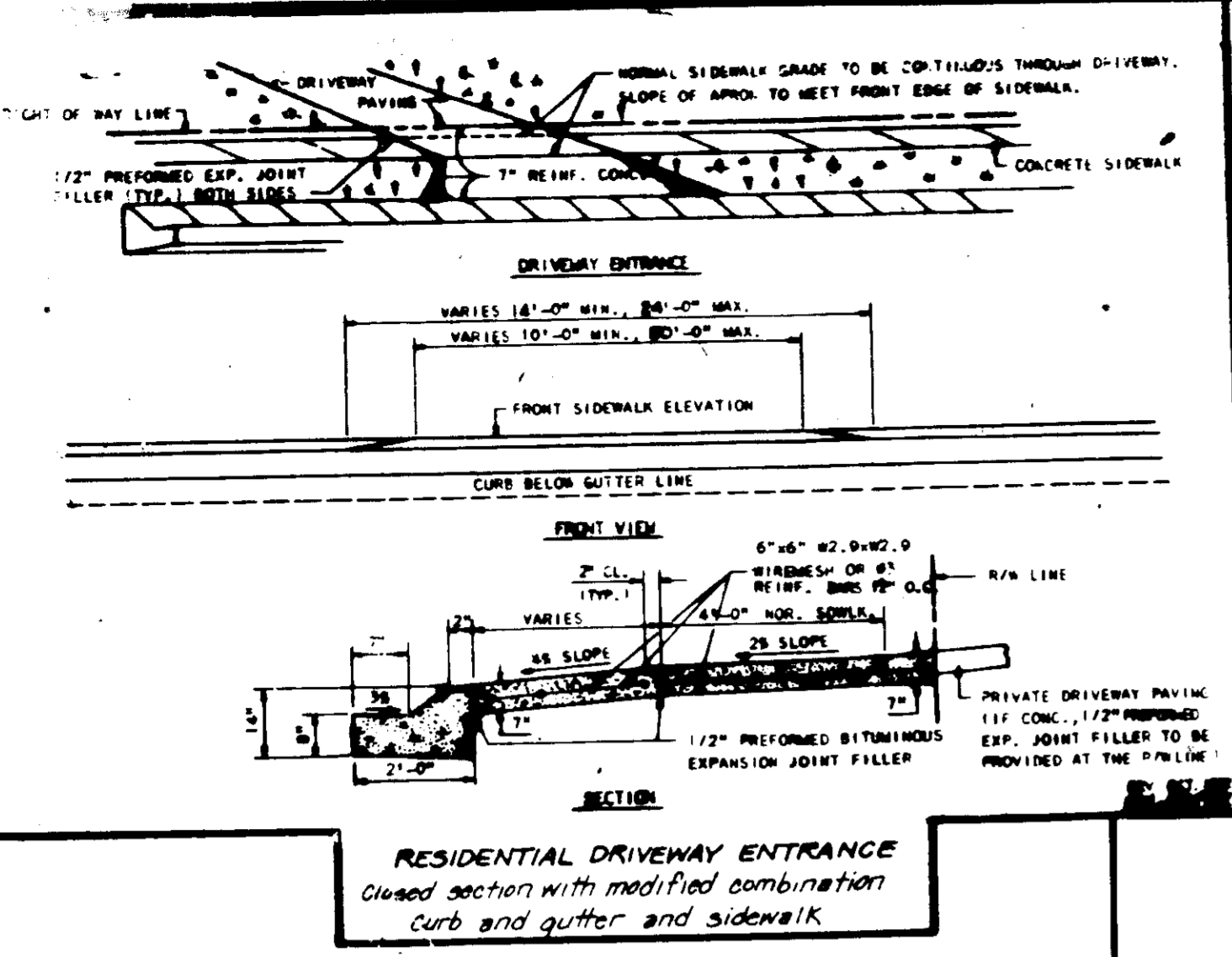


DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

SITE DEVELOPMENT PLAN
SECTION 4 AREA 2
SEWELLS ORCHARD
LOT 149-153, 151, 149, 151, 152
Tax Map No. 36 Parcel No. 247 Guilford (6th) Election District
Howard County, Maryland

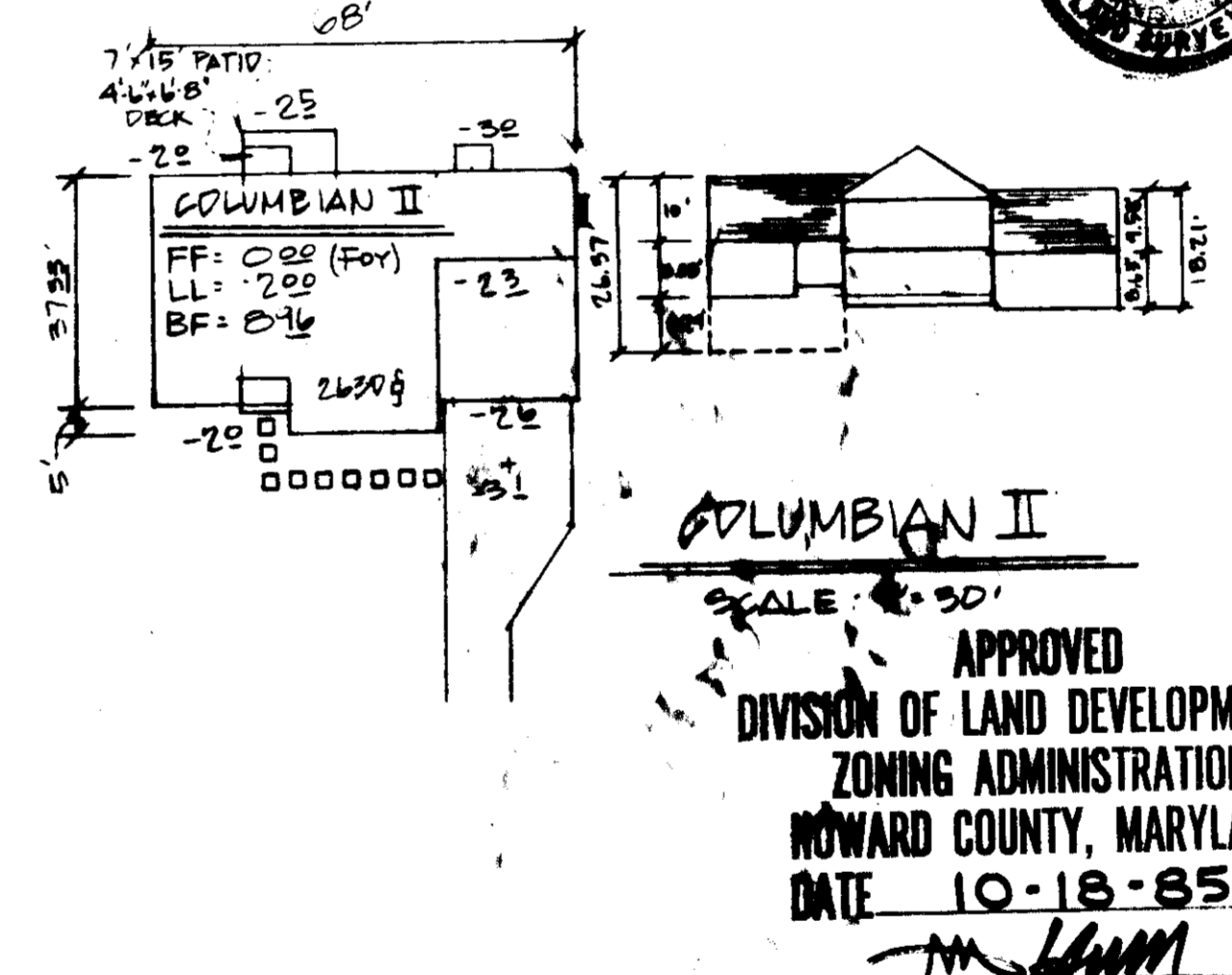
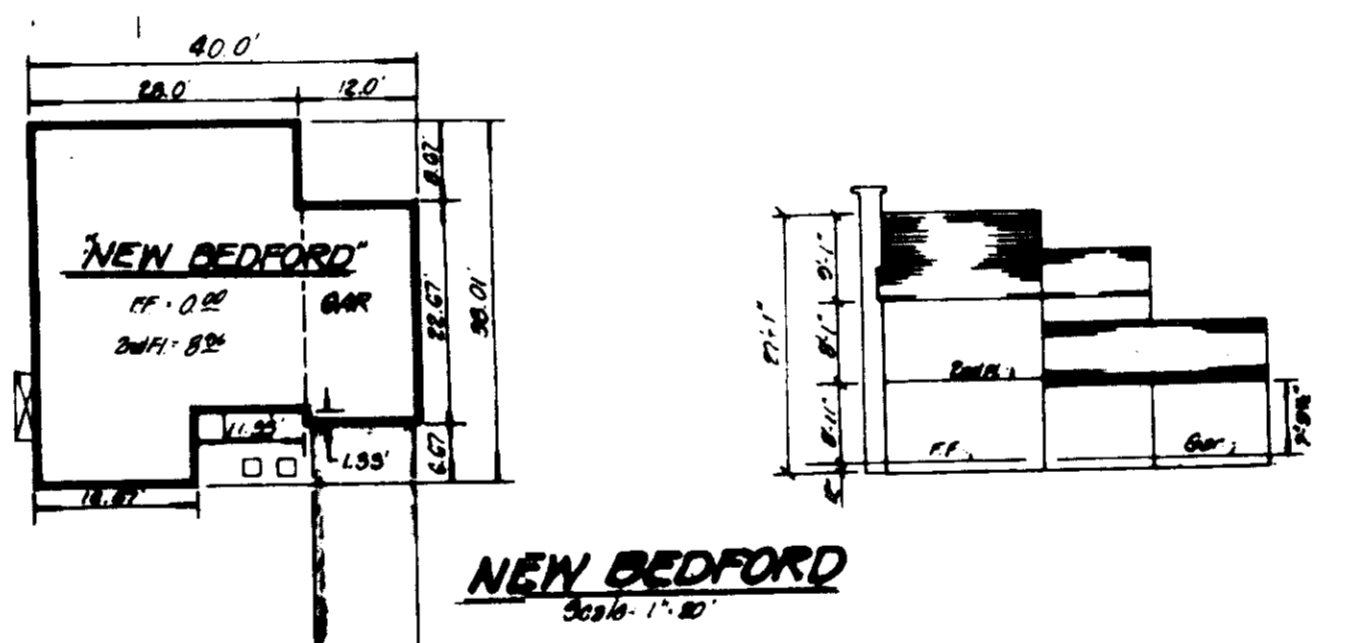
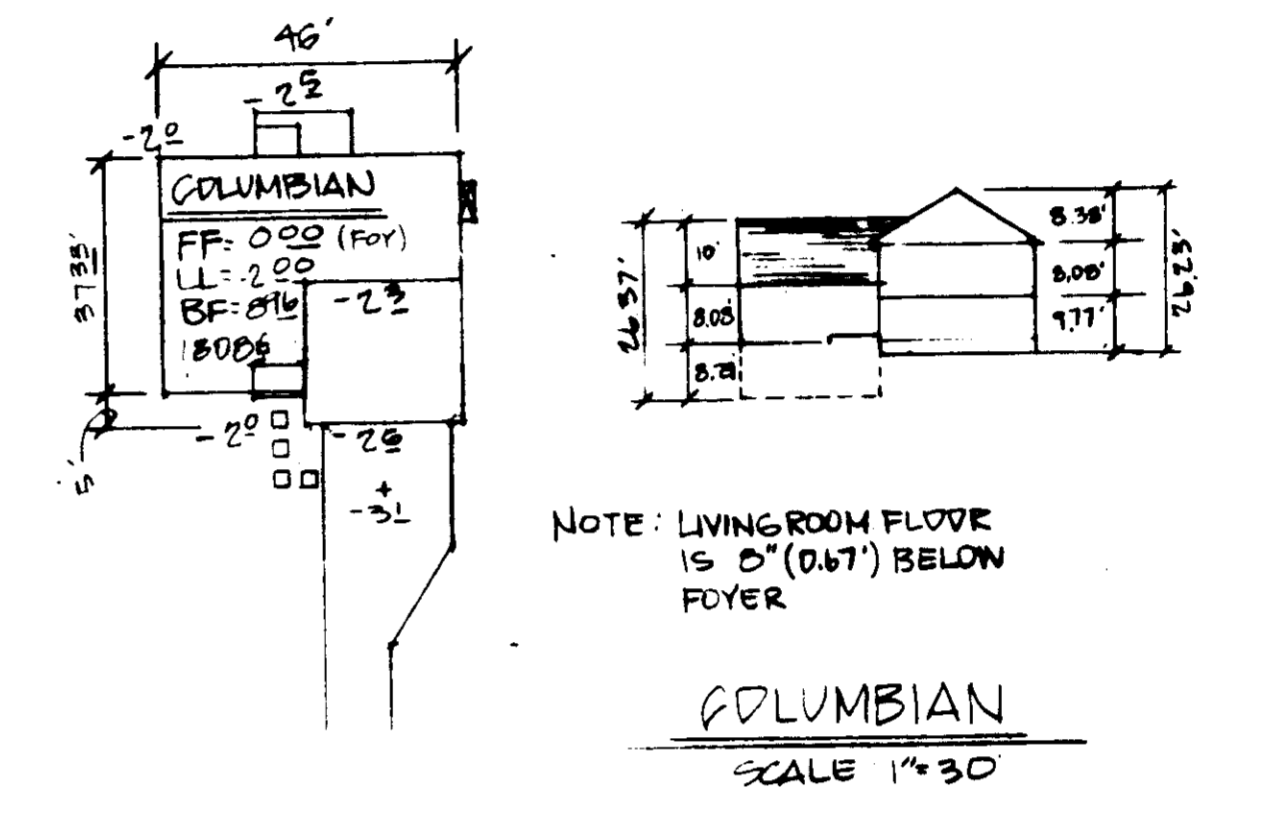
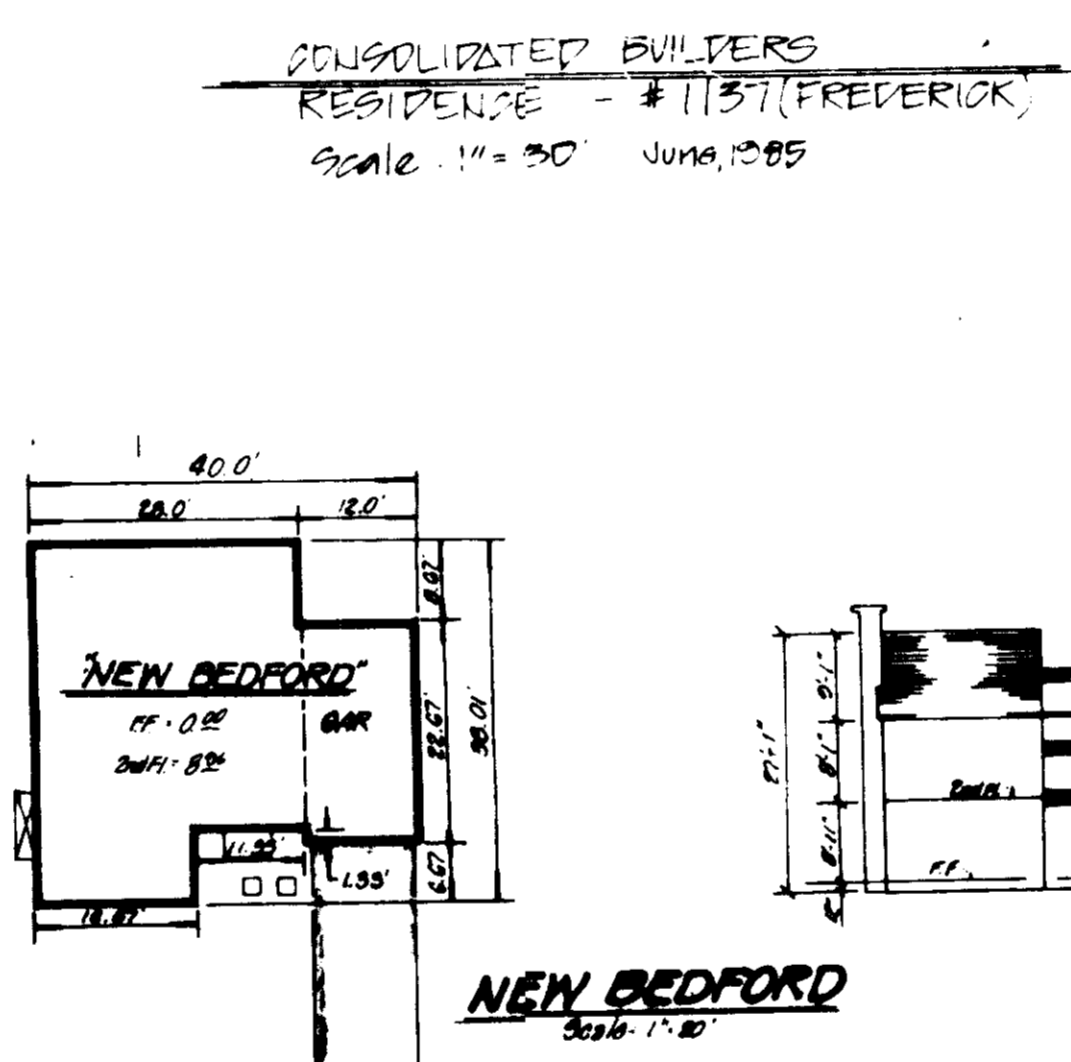
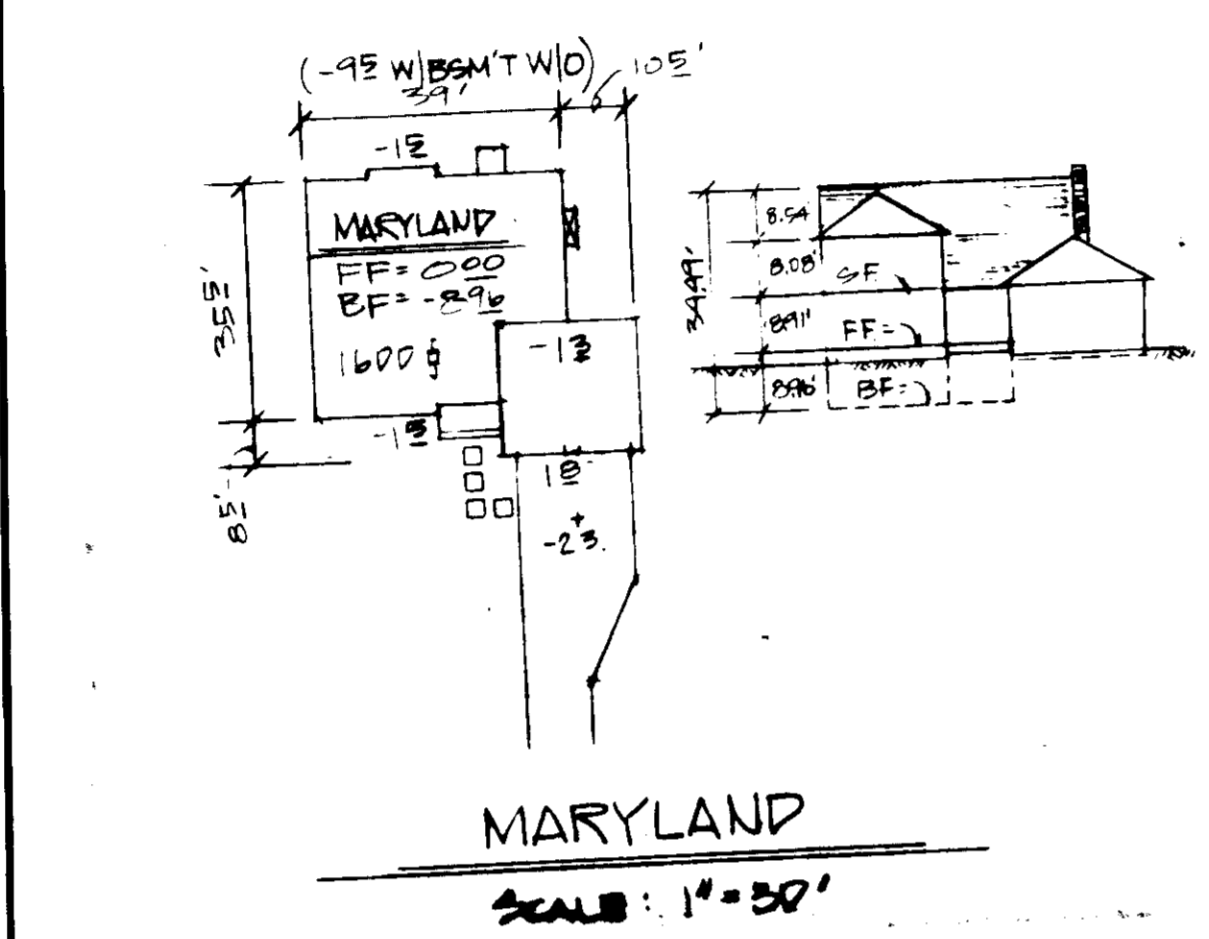
DATE	MAY 1985	Sheet	4
DRAWN	MKN	of	5
CHECKED		PROJECT NO.	15-27
SCALE	1" = 30'		

SDP-86-65



SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 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.
- 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.
- 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.
- 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. 53) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with which alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
- 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.
- Site Analysis:
Total Area of Site: 112,074 / 2.59 AC
Area Disturbed: 23,190 / 1.22 AC
Area to be roofed or paved: 23,405 / 1.14 AC
Area to be vegetatively stabilized: 28,000 / 1.39 AC
Total Cut: 8077 Cu. yds
Total Fill: 1201 Cu. yds
Offsite waste/borrow area location: SEWELL'S ORCHARD
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



SEEDING NOTES

Seeding Preparation

- Apply 2,000 pounds per acre or 40 pounds per 1,000 square feet of pulverized dolomitic limestone, 500 to 1,000 pounds per acre or 10 to 20 pounds per 1,000 square feet of 0-20-0, superphosphate, or its equivalent to higher rate of phosphate is normally needed with soils having a low soil-phosphate content and 1,000 pounds per acre or 20 pounds per 1,000 square feet of 10-10-10 fertilizer or its equivalent, if soils are reasonable uniform, lime and fertilizer according to soil tests.
- Narrow or disc line and fertilizer into the soil to a depth of 2-3 inches. Continue tillage until a reasonable uniform fine, clump has been prepared. In sloping lands, the final harrowing or disking operation should be in the contour wherever feasible.

Seeding

- Select a mixture from Table 1.
- Apply seed uniformly with a cyclone seeder, drill, multipacker seeder or hydroseeder (air-seeder). Includes seed and fertilizer on a firm, moist seedbed.
- Where feasible, except when a multipacker-type seeder is used, the seeder should be fitted following seeding operations, with a sub-packer, roller or light disk, or following mulch application with the mulch anchoring tool or disk chain on sloping land, seeding operations should be on the contour where feasible. Normal clearance is from 1/4 to 1/2 inch.

Mulching

- Mulch - Immediately after seeding, uniformly mulch these areas with 2" or more small grain straw (preferable wheat), at the rate of 1 1/2 to 2 tons per acre or 55 to 90 pounds per 1,000 square feet.
- Mulch Anchoring Methods
 - Mulch anchoring tool - a series of flat, pointed tools which push and anchor the mulch material into the soil. 30" dia" or more and free of stones and loose enough to permit free penetration to a depth of 2 to 3 inches.

Mulch Application

- Apply to areas with uniform appearance.
 - Liquid asphalt - Rapid curing (RC-70, RC-700 or RC-850) or medium curing (MC-250 or MC-825). Apply at rate: 3.5 to 4.5.
 - Emulsified asphalt - ES-1, ES-2, ES-3, ES-4, ES-5, ES-6, ES-7, ES-8, ES-9, ES-10, ES-11, ES-12, ES-13, ES-14, ES-15, ES-16, ES-17, ES-18, ES-19, ES-20, ES-21, ES-22, ES-23, ES-24, ES-25, ES-26, ES-27, ES-28, ES-29, ES-30, ES-31, ES-32, ES-33, ES-34, ES-35, ES-36, ES-37, ES-38, ES-39, ES-40, ES-41, ES-42, ES-43, ES-44, ES-45, ES-46, ES-47, ES-48, ES-49, ES-50, ES-51, ES-52, ES-53, ES-54, ES-55, ES-56, ES-57, ES-58, ES-59, ES-60, ES-61, ES-62, ES-63, ES-64, ES-65, ES-66, ES-67, ES-68, ES-69, ES-70, ES-71, ES-72, ES-73, ES-74, ES-75, ES-76, ES-77, ES-78, ES-79, ES-80, ES-81, ES-82, ES-83, ES-84, ES-85, ES-86, ES-87, ES-88, ES-89, ES-90, ES-91, ES-92, ES-93, ES-94, ES-95, ES-96, ES-97, ES-98, ES-99, ES-100.

CONSTRUCTION SEQUENCE

- Install sediment control
- Clear site
- Strip and stockpile topsoil
- Excavate for foundation
- Footings
- Install foundation walls
- Install utilities
- Backfill foundation
- Rough grade site
- Install walks and drive
- Final grade site
- Landscaping
- Stabilize site

*Mulch only to be used during winter months.

NO.	REVISIONS	DATE

STREET ADDRESS CHART

Lot #	Street Address
119	6725 " "
120	6725 " "
121	6729 " "
136	6609 Sewells Orchard Dr
137	6613 " "
141	6709 " "
142	6715 " "
143	6717 " "
144	6721 " "
145	6729 " "
151	6749 " "
152	6753 " "

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, WALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272

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.

William Schickel 9-11-85
DATE

REVIEWED FOR HOWARD S.C.D.
NAME
AND MEETS TECHNICAL REQUIREMENTS

John H. Hahn 10/22/85
DATE
U.S. SOIL CONSERVATION SERVICE

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

J. Robert Rogers 10-24-85
DATE
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Robert W. Muesel 10-20-85
DATE
DIRECTOR

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

William D. Han 10-22-85
DATE
HOWARD S.C.D.

Owner:
Consolidated Home Builders
Gorman Plaza Building, Suite 116
8750 Route 108
Columbia, Maryland 21045
301-995-0065

DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

SITE DEVELOPMENT PLAN
SECTION 4 AREA 2
SEWELLS ORCHARD
LOT 119-121, 136, 137, 141-145, 151, 152
Tax Map No. 36 Parcel No. 247 Guilford (6th) Election District
Howard County, Maryland

DATE MAY 1985
DRAWN MKM
CHECKED
SCALE As Shown

Sheet 5 of 5
PROJECT NO. 15-27

SDP # 86-65
SDP-86-65