

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

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

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT THE DEVELOPER(S) HAS/HAVE WILL BE DONE ACCORDING TO THIS PLAN. THE RESPONSIBILITY FOR THE PROJECT IS THE DEVELOPER'S. THE 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."

Howard 3-5-85 DATE

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR EROSION CONTROL REPRESENTS A PRACTICAL SOLUTION BASED ON MY PERSONAL KNOWLEDGE AND EXPERIENCE AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DISTRICT."

Howard 3-5-85 DATE

REVIEWED FOR HOWARD COUNTY AND MEETS TECHNICAL REQUIREMENTS:

Howard 4-17-85 DATE

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

Howard 4/17/85 DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWER & URBIL STORM DRAINAGE SYSTEMS & ROADS:

Howard 4-22-85 DATE

APPROVED FOR PUBLIC WATER & PUBLIC SEWER SYSTEMS & URBIL STORM DRAINAGE SYSTEMS & ROADS:

Howard 4-23-85 DATE

NOTE: Existing sediment basin to be utilized. See previously approved plans for SEWELLS ORCHARD, Section 3, Area I, F 84-215.

GENERAL NOTES

1. STORM WATER MANAGEMENT APPROVED UNDER SEWELLS ORCHARD SECTION 4, AREA 1, PLAN NO F-85-40, 10-26-84.
2. The land included in this plan is zoned: RSC (by comprehensive) zoning plan dated 10-3-77).
3. All coordinates are based on traverse control for Columbia established by Maps, Inc. in 1965, by Purdum and Jeshke in 1968 which controls were tied to Maryland Bureau of Control Survey monuments to U.S. Coast and Geodetic Survey monuments in the Columbia Area.
4. The area covered in this submission is located on Tax Map 36 Parcel 247.
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 recorded on plat 6155 recorded 1-29-85.
10. Materials and construction shall be in accordance with Howard County Road Construction Code.
11. Topography from field survey by Development Consultants Group, Inc. 2-29-85.
12. Water and sewer for this plan are based on approved plan, contract No. 24-1286D.
13. Limit of disturbance = _____
14. Maximum graded slope = 3:1
Minimum graded slope = 2%

PLAN
Scale = 30'

NOTES

1. Areas of compacted fill under houses
2. (C.E.) - Minimum Cellar Elevation
3. Plans approved under SEWELLS ORCHARD section 4, Area 1, F 85-40
4. Utilities contract N° 24-1286 D

BUILDING RESTRICTION LINES

From: 20 B.F.L.
Sides: 75 B.F.L.
Rear: 30 B.F.L.

DIVISION OF PLANNING
ZONING
HOWARD COUNTY
DATE 3-29-85

SUBDIVISION NAME	SEWELLS ORCHARD	SECT. AREA	4/1	LOT OR PLOT	92-101
TAX MAP	G155	BLOCK	1027	ZONE	R30
TAX MAP	30	ELEC. DIST.	67	CENSUS TR.	6045.02
WATER CODE	EQ4	SEWER CODE	5332700		

LOT#	STREET ADDRESS
92	6757 SEWELLS ORCHARD DR
93	6701
94	6803
95	6807
96	6811
97	6815
98	6819
99	6823
100	6827
101	6831 SEWELLS ORCHARD DR

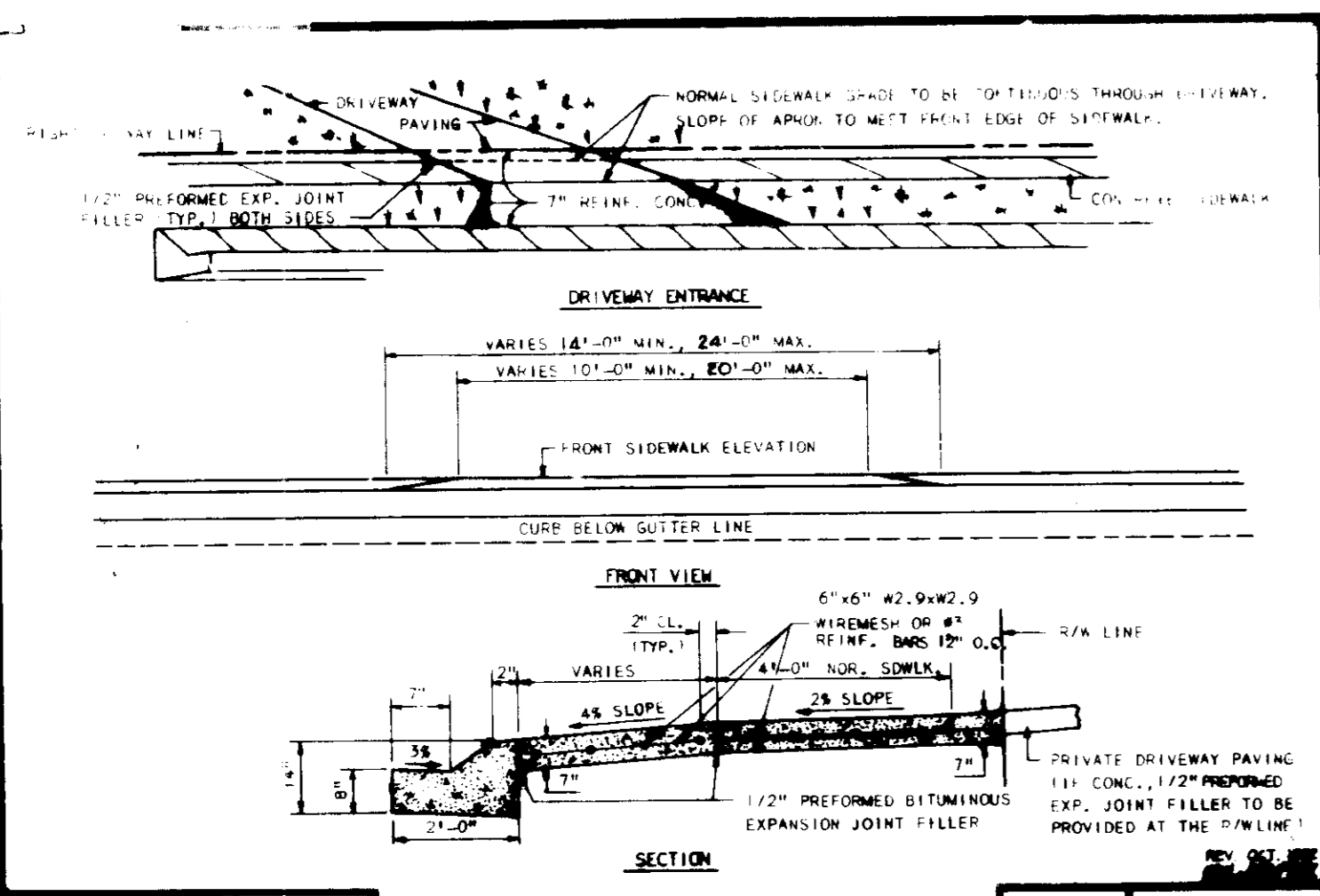
OWNER	NO.	REVISIONS	DATE
CONSOLIDATED HOME BUILDERS Gorman Plaza Building Suite 116 8050 Route 108 Columbia Maryland 21045 Tel: 295-0005			



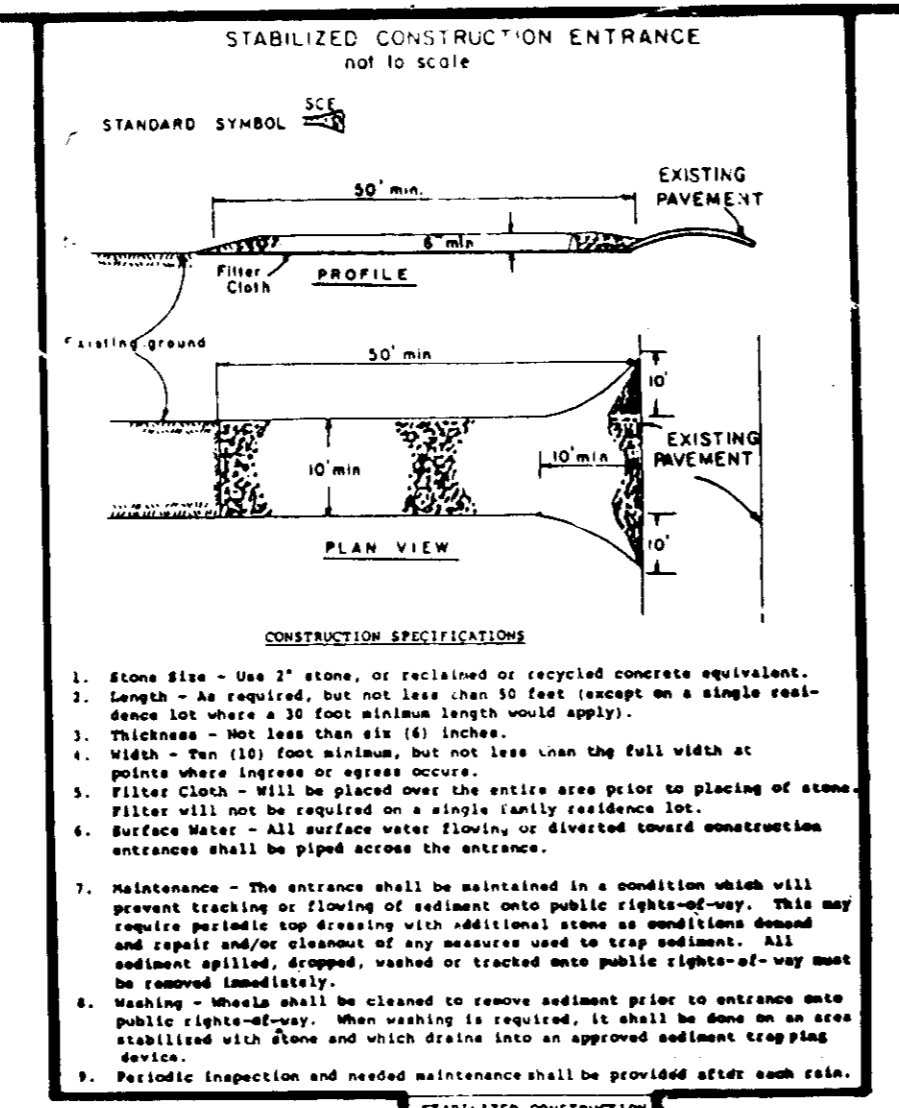
DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE SUITE 102
OLNEY, MARYLAND 20832
301-924-4570

SITE DEVELOPMENT PLAN FOR LOTS 92-101
SECTION 4 AREA 1
SEWELLS ORCHARD
Tax Map N° 36 Parcel N° 247 Guilford(2) Election District
Howard County, Maryland

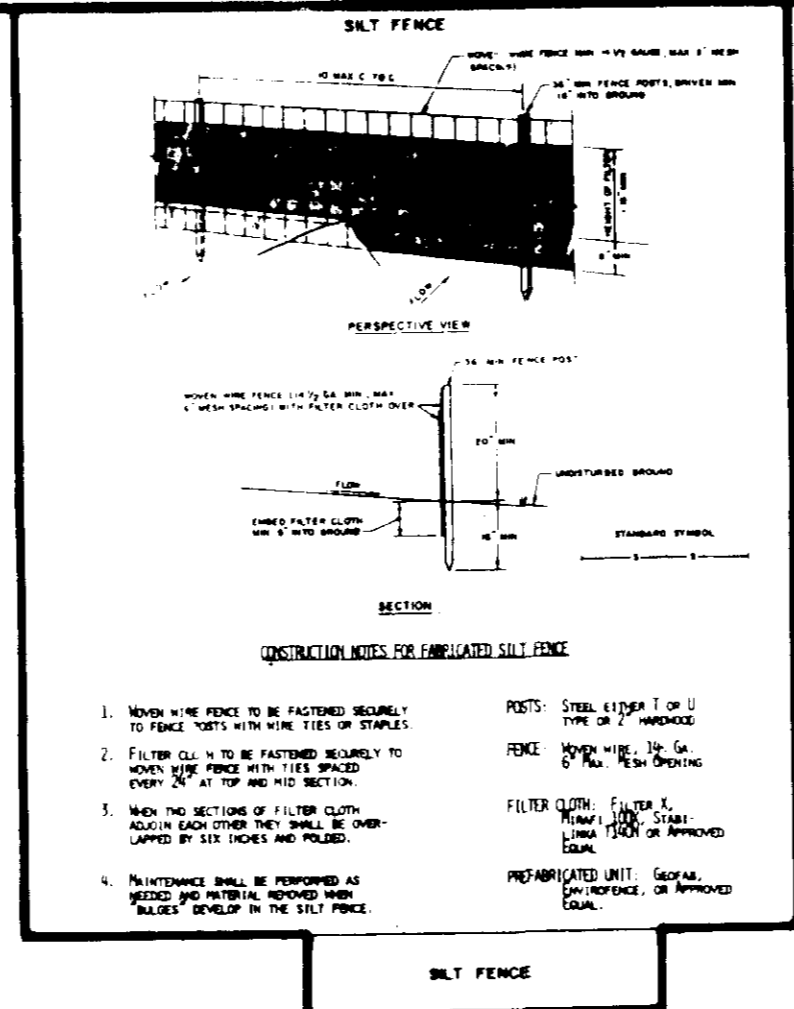
S.D.P. 85-141	DATE Feb 1985	Sheet 1
	DRAWN Mike L	of 2
	CHECKED Bill A	PROJECT NO. 15-25
	SCALE 30'	



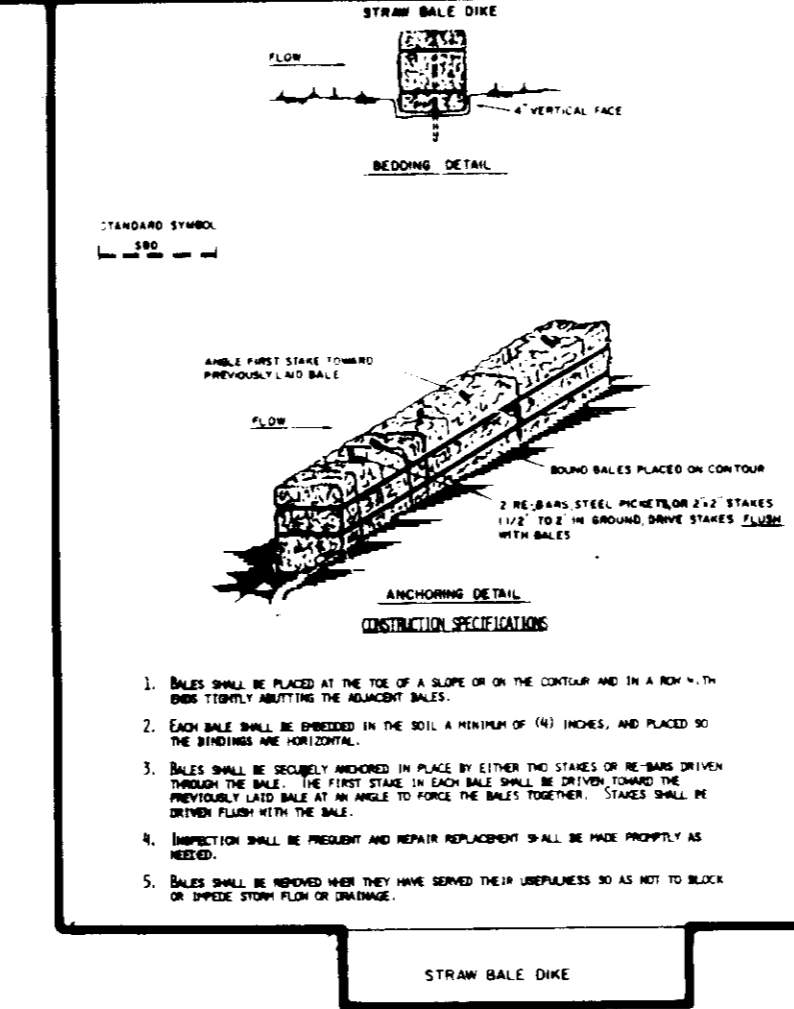
RESIDENTIAL DRIVEWAY ENTRANCE
Closed section with modified combination
curb and gutter and sidewalk



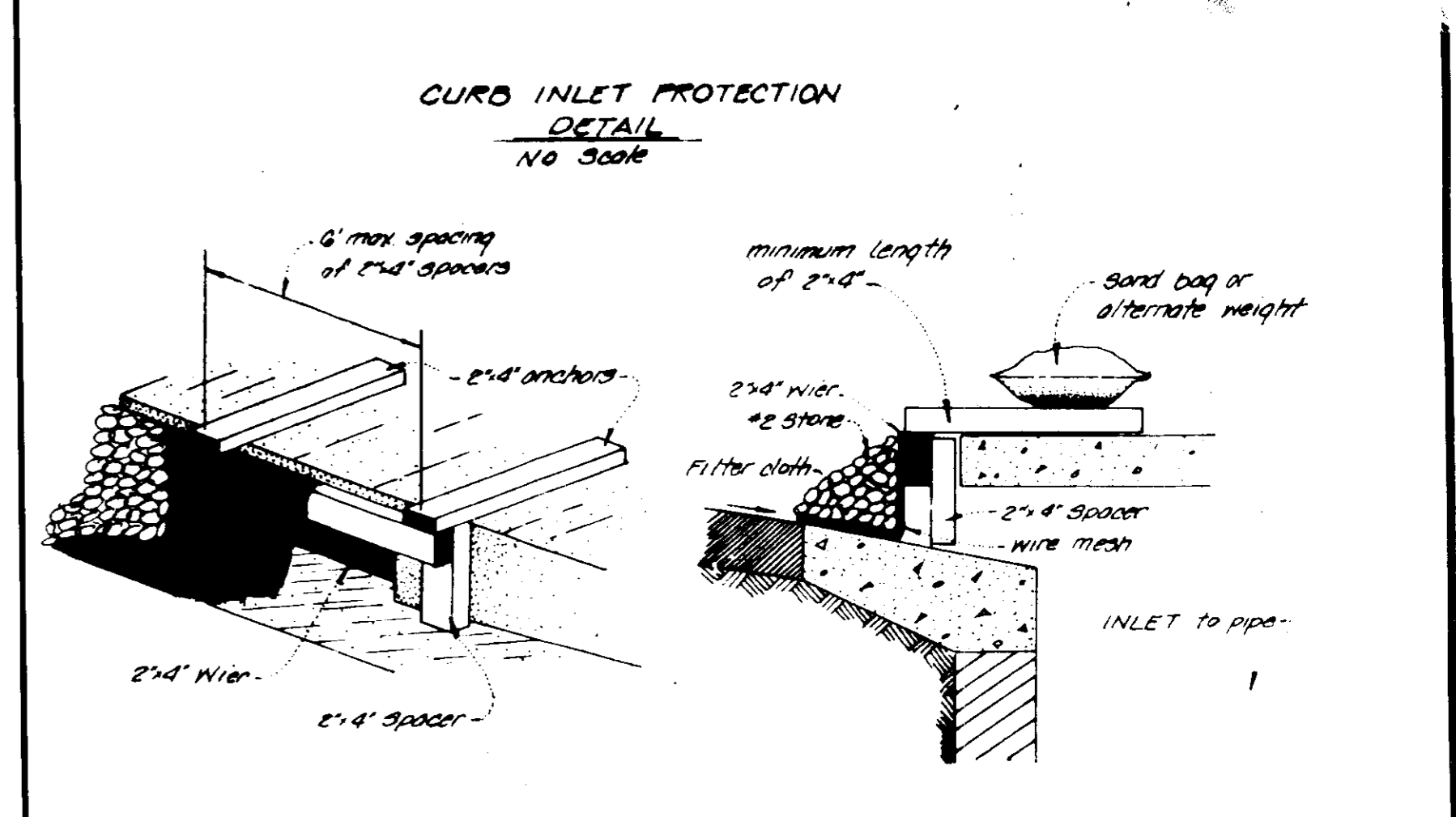
STABILIZED CONSTRUCTION ENTRANCE



SALT FENCE



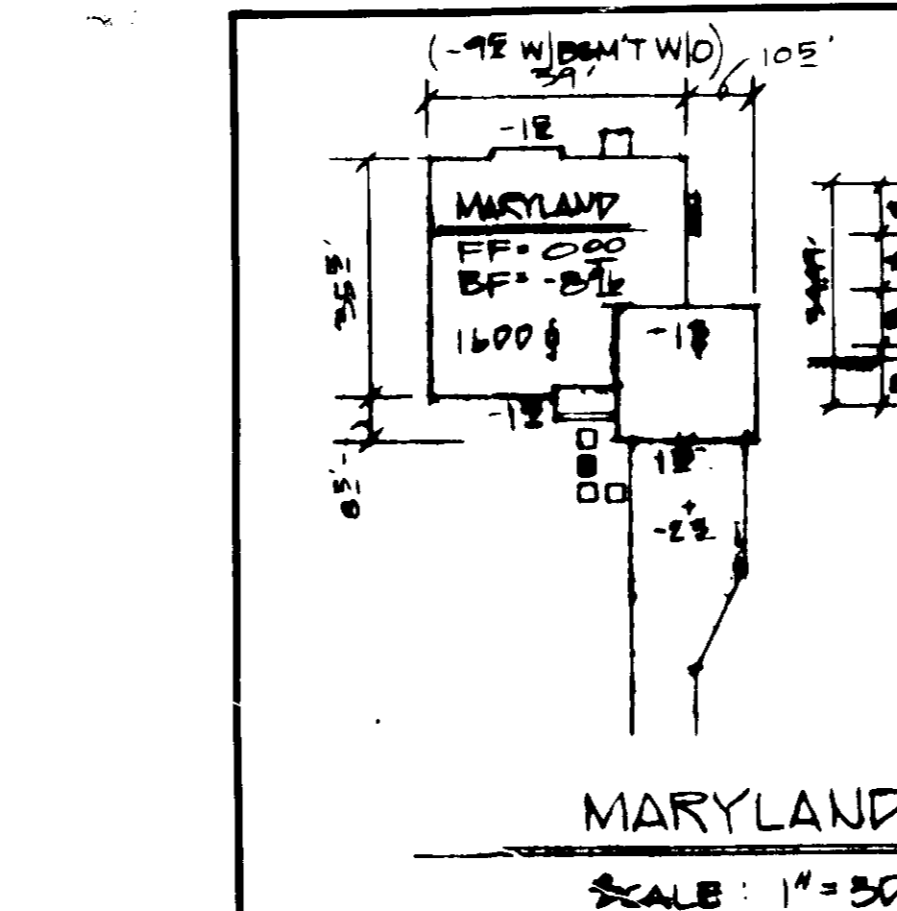
STRAW BALE ONE



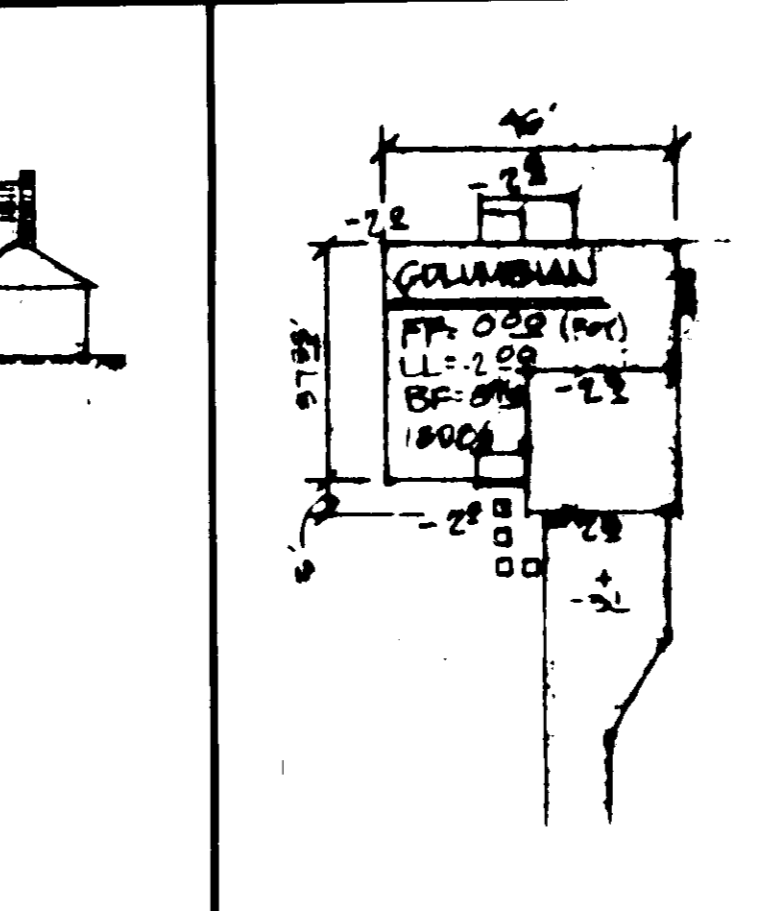
CURB INLET PROTECTION
DETAIL
No Scale

- 1) 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)
- 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) and (Sec. 54), temporary seedings (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 | 1.8377 Acres |
| Area Disturbed | 1.8377 Acres |
| Area to be roofed or paved | 0.8402 Acres |
| Area to be vegetatively stabilized | 0.8869 Acres |
| Total Cut | 400 Cu. Yds. |
| Total Fill | 400 Cu. Yds. |
| Offsite waste/borrow area location | an approved on-site location |
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

- REMARKS:**
- Soilseed Preparation**
- Apply 2,000 pounds per acre or 48 pounds per 1,000 square feet of pulverized dolomitic limestone, 50 to 100 pounds per acre or 11.5 to 23 pounds per 1,000 square feet of 0-20-0, superphosphate, or its equivalent (a higher rate of phosphate is normally needed with soils having a low available phosphorus content) and 1,000 pounds per acre or 23 pounds per 1,000 square feet of 10-10-10 fertilizer or its equivalent. If soils are reasonably uniform, lime and fertilizer according to soil test.
 - Narrow or disk lime and fertilizer into the soil to a depth of 3-5 inches. Continue tillage until a reasonable uniform firm, firm seedbed has been prepared. On sloping land, the final narrowing or disk operation should be on the contour wherever feasible.
- Seeding**
- Select a mixture from Table 1.
 - Apply seed uniformly with a cyclone seeder, drill, cultipacker seeder or hydro-seeder (slurry includes seed and fertilizer) on a firm, moist seedbed.
 - Where feasible, except when a cultipacker type seeder is used, the seedbed should be firm following seeding operations, with a cultipacker, roller or light drag. If following mulch application with the mulch anchoring tool or pick chain, or sloping land, seeding operations should be on the contour where feasible. Normal coverage is from 1/4 to 1/2 inch.
- Mulching**
- Mulch - Immediately after seeding, uniformly mulch these areas with undecomposed small grain straw (preferable wheat) at the rate of 16 to 2 tons per acre or 48 to 92 pounds per 1,000 square feet.
 - Mulch Anchoring Method
 - Mulch anchoring tool - a series of flat, notched disks which pull and anchor the mulch deeper into the soil. Soil must be moist and free of stones and loose enough to permit disk penetration to a depth of 2 - 3 inches.
 - NOTE: Operate anchoring tool on the contour to secure maximum erosion control.
- Apply Mulch Timedown** Use one of the following:
- Liquid asphalt - rapid curing (RC-10, RC-250 or RC-800) or medium curing (MC-250 or MC-800). Apply .1 gal. sq. yd.
 - Emulsified asphalt - (ES-1, ES-1.5, 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). Apply .04 gal. sq. yd. Apply so area has uniform appearance.
- Seeded Preparation**
- Final areas and slopes up to 3 to 1 grade shall be loose and friable to a depth of at least 3 inches. The top layer of soil shall be loosened by raking, disking or other acceptable means before seeding.
- Slopes steeper than 3 to 1 shall have the top 1-3 inches of soil loose and friable before seeding.

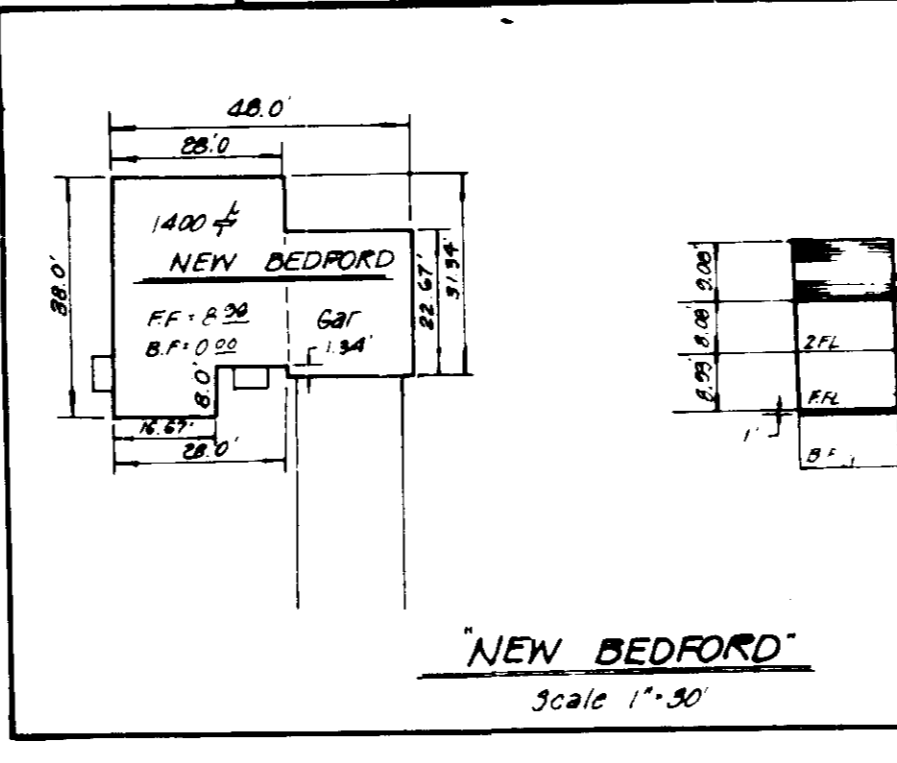


MARYLAND
SCALE: 1" = 50'

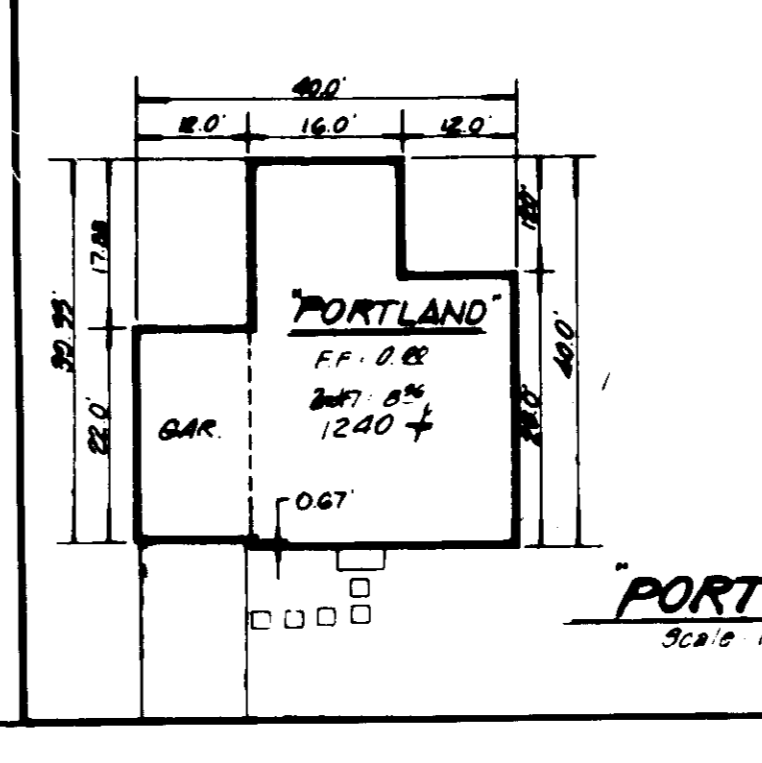


NOTE: LIVING ROOM FLOOR IS 0' (DWT) BELOW FLOOR

COLUMBIAN
SCALE 1" = 30'



NEW BEDFORD
Scale 1" = 30'



PORTLAND
Scale 1" = 30'

NO.	DESCRIPTION	DATE	BY	REVISION
1	Issue	11/11/85	JM	
2	Revised	11/11/85	JM	
3	Revised	11/11/85	JM	
4	Revised	11/11/85	JM	
5	Revised	11/11/85	JM	
6	Revised	11/11/85	JM	
7	Revised	11/11/85	JM	
8	Revised	11/11/85	JM	
9	Revised	11/11/85	JM	
10	Revised	11/11/85	JM	
11	Revised	11/11/85	JM	
12	Revised	11/11/85	JM	
13	Revised	11/11/85	JM	
14	Revised	11/11/85	JM	
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48	Revised	11/11/85	JM	
49	Revised	11/11/85	JM	
50	Revised	11/11/85	JM	

- CONSTRUCTION SEQUENCE
1. Install sediment controls
 2. Clear site
 3. Strip and stockpile topsoil
 4. Excavate for foundations
 5. Pour footings
 6. Install foundation walls
 7. Install utilities
 8. Backfill foundations
 9. Rough grade site
 10. Install walks and drives
 11. Final grade lots
 12. Landscape site
 13. Stabilize site

DIVISION

DATE: 3-29-85

NO. 1000

SUBDIVISION NAME	SEWELLS ORCHARD	SECT./AREA	LOT/PARCEL
PLAT	G155	BLK 17	ZONE R3C
TAX MAP	36	ELEC DIST	606202
CENSUS TR.	606202		
WATER CODE	EQ4	SEWER CODE	5332700

LOT#	STREET ADDRESS
92	6757 SEWELLS ORCHARD DR
93	6761 "
94	6803 "
95	6807 "
96	6811 "
97	6815 "
98	6819 "
99	6823 "
100	6827 "
101	6831 SEWELLS ORCHARD DR

PRELIMINARY INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, (2) FOURTEEN (14) CALENDAR DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION FOR HEIGHT IN ADVANCE OF COMMENCEMENT OF CONSTRUCTION. 792-7272.

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION SHALL BE DONE ACCORDING TO THE PROVISIONS OF THE RESPONSIBLE PERSONNEL INVOLVED IN THE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

DATE: 3-5-85

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE SOLUTION BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DESIGN MANUAL, DISTRICT 1.

DATE: 3-5-85

REVIEWED FOR HOWARD COUNTY

AND METS TECHNICAL REQUIREMENTS

DATE: 4-17-85

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

DATE: 4/19/85

DATE: 4-22-85

DATE: 4-19-85

DATE: 4-27-85

DATE: 4-28-85

CONSULTED HOME BUILDERS

REVISIONS

DATE

DEVELOPMENT CONSULTANTS GROUP, INC.

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

SITE DEVELOPMENT PLAN FOR LOTS 92-101

SECTION 4 AREA 1

SEWELLS ORCHARD

SDP 85-141

DATE: 4-28-85

DRAWN BY: JM

CHECKED BY: JM

SCALE: 1" = 30'

Sheet 2 of 2

SDP-85-141 D.G.G. No 19-25