SEDIMENT CONTROL NOTES

1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits before the start of any construction. (992-2437)

2) All sediment control 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, Chaper 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	1.1460	Acres
Area Disturbed	0.9385	Acres
Area to be roofed or paved	0.3008	Acres
Area to be seperatively stabilized	0.6977	Acres
Total Cut		Cu. yds
Total Fill		Cu. yds
Offsite waste/borrow area 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.

9) Additional sediment control must be provided, if deemed necessary by the Howard County DPW sediment control inspector.

10) 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.

11) If houses are to be constructed on a "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.

12) All pipes to be blocked at the end of each day (see detail below).

13) The total amount of straw bale dikes/silt fence equals N/A L.F.

CONSTRUCTION SEQUENCE:

A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
B. Excavate for foundations and Rough Grade.
C. Construct Structures, Sidewalks and Driveways.
D. Final Grade and stabilize in accordance with Stds. & Specs.
E. Upon approval of the sediment control inspector and HSCD, remove sediment and erosion controls and stabilize.

9-6-85

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

COUNTY HEALTH OFFICER — DATE 10-3-85

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

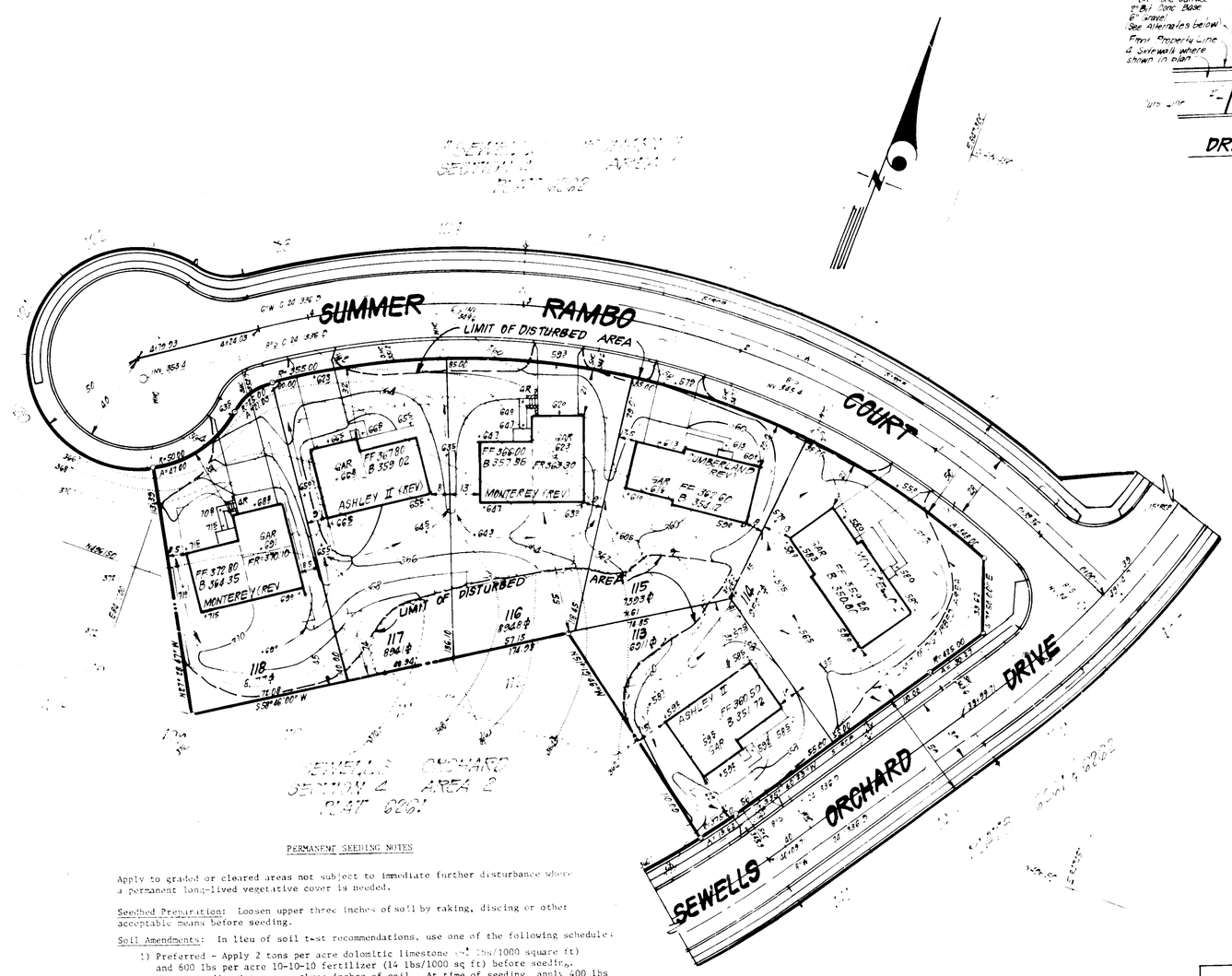
PLANNING DIRECTOR — DATE 10-7-85

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 10-4-85

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

DIRECTOR — DATE

CHIEF BUREAU OF ENGINEERING — DATE



PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

1) Preferred - Apply 2 tons per acre dolomitic limestone (90 lbs/1000 square 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 thre July 31, seed with 60 lbs 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/ acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1½ 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 flac areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTES

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.

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 2½ bushel 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 1½ 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal 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.

HOWARD SOIL CONSERVATION DISTRICT

Approved — Date 8-12-85

DEVELOPER'S/BUILDER'S CERTIFICATE

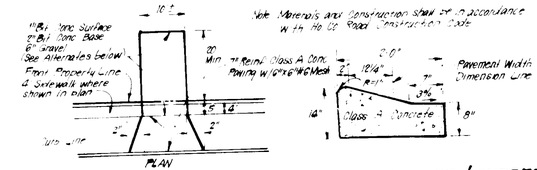
"I/We certify that all development and construction will be done according to this plan of sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary."

Christopher A. Stubbs — 8-12-85
Signature of Developer/Builder — Date
CHRISTOPHER STUBBS

ENGINEER'S CERTIFICATE

I hereby 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.

Richard J.H. Stepp — 8.12.85
RICHARD J.H. STEPP — DATE

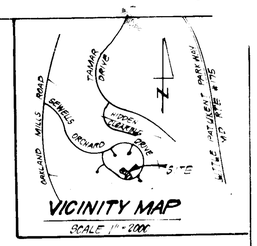


DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER

NO SCALE

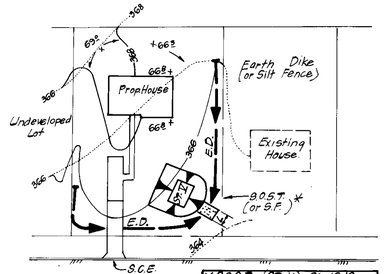
ALTERNATE #1
1" B.T. Conc Surface
3" B.T. Conc Base

ALTERNATE #2
1" B.T. Conc Surface
3" B.T. Conc Base
3" Gravel



VICINITY MAP

SCALE 1" = 2000'



*NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing a sediment trap.

S.O.S.	(S.F.)	Pg	(G.I.)
LOT SIZE	1/4 Ac	1/2 Ac	1 Ac
Length	21'	21'	21'
Depth	21'	21'	21'
Bot. Length	11'	20'	26'
Bot. Width	11'	11'	16'
Bot. Area	121 ☐	286 ☐	676 ☐

+ Can be adjusted in field, but bottom area must be as given or greater.

SINGLE LOT SEDIMENT CONTROL PLAN

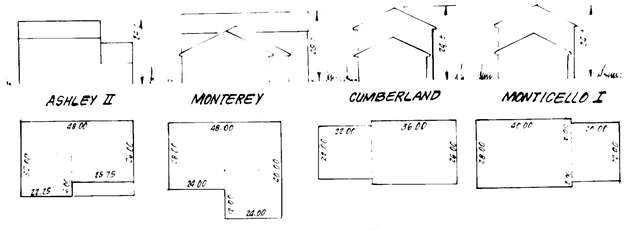
NO SCALE

GENERAL NOTES:

1. The land included is zoned: RSC
2. All coordinates are based on the Maryland State Grid System
3. All Roads are Public & Existing
4. Any damage to county owned rights of way shall be corrected at the Developer's expense
5. Total area included: 1.15 Acres
6. Total number of Lots: 6
7. S.W.M. is provided in central facility in Sewells Orchard Section 3 Area 1 F-84-215.

LEGEND:

1. Contour Interval		2 Ft
2. Existing Contour		360
3. Proposed Contour		360
4. Spot Elevation		+605
5. Direction of Drainage		
6. Existing Trees to be saved		



TYPICAL HOUSES

NO SCALE

NOTE: Existing Sediment & Erosion Control to be utilized. See previously approved plan F-85-71.

Orchard Associates hereby allows Orring Development Corporation to utilize the existing sediment trap shown on plans F-85-71 for sediment control for this project. If Orchard Associates Removes the existing sediment trap prior to completion of SDP-86-37 the Single Lot Sediment Control will apply.

L. Earl Armiger, Pres — 9-24-85
L. Earl Armiger — Date

ADDRESS CHART

LOT NO	STREET ADDRESS
13	6714 Sewells Orchard Drive
14	6701 Summer Rambo Court
15	6705 " " "
16	6709 " " "
17	6713 " " "
18	6717 " " "

SUBDIVISION NAME: SEWELLS ORCHARD				SECT / AREA: 4 / 2		LOTS: 113-118	
PLAT NOS: 6161 & 6262	BLOCK NO: 17	ZONE: RSC	TAX MAP/ZONE MAP: 36, P 247	ELEC DIST: 6TH	CENSUS TR: 6065.02		
WATER CODE: E-4			SEWER CODE: 4233.100				

CLARK · FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11321 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED: BAF	SEDIMENT & EROSION CONTROL AND SITE DEVELOPMENT PLAN LOTS 113-118
DRAWN: K/W	SEWELLS ORCHARD SECTION 4 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
CHECKED: LVE / BAF	FOR: ORRING DEVELOPMENT CORP. P.O. Box 2068 Columbia, Maryland 21045
DATE: 8-8-85	SCALE: 1"=30' · DRAWING: 10F1 · JOB NO: 85153 · FILE NO: 85153

SDP-86-37