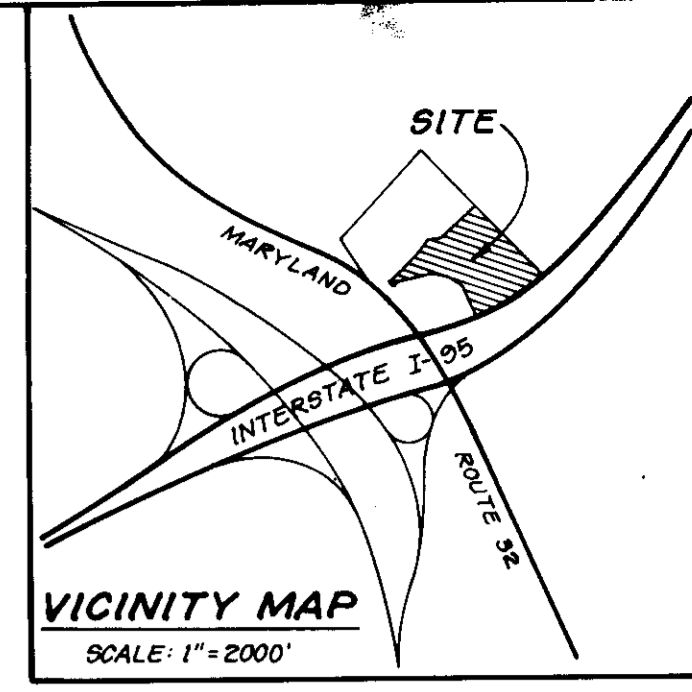


LEGEND

- 1. Contour Interval 2 Ft.
- 2. Existing Contour
- 3. Proposed Contour
- 4. Spot Elevation +17±
- 5. Direction of Drainage
- 6. Ex. Trees to be Retained



GENERAL NOTES

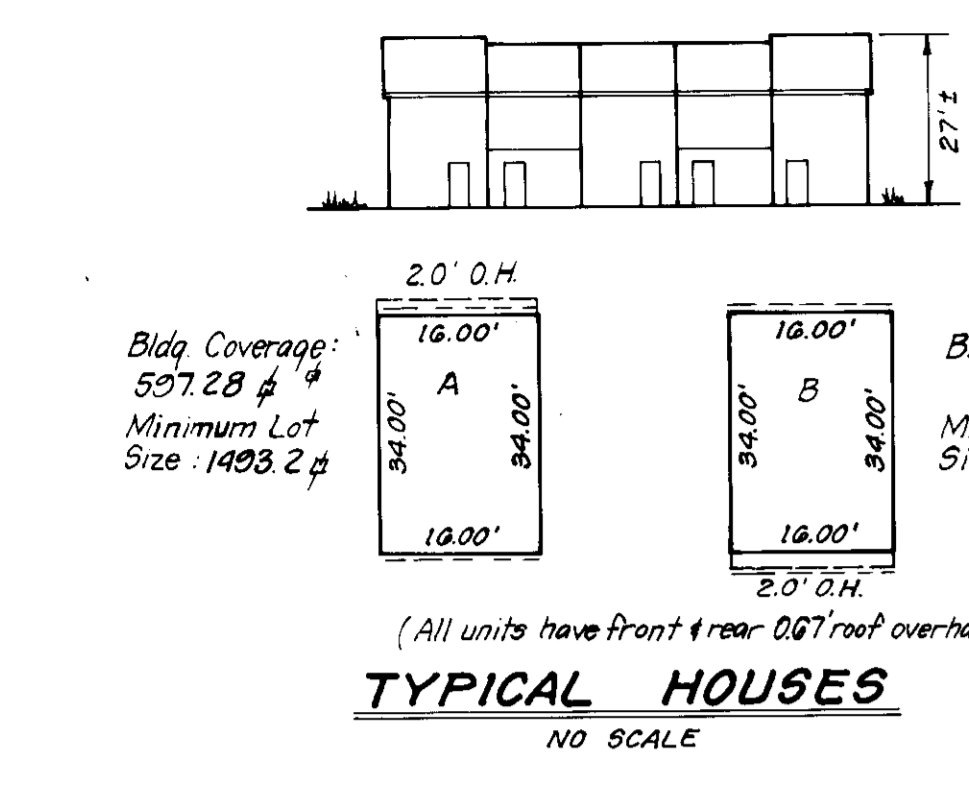
1. The land included in this plan is zoned: RSA
2. All coordinates shown hereon are based on the Maryland State Grid System.
3. The area covered is located on Tax Map #42, Parcel
4. The total area of this plan is 2.393 Acres.
5. All roadways are existing.
6. Any damage to county owned rights-of-way shall be corrected at the developer's expense.
7. Number of units shown: 60
8. Number of parking spaces required: 120 Spaces Provided: 123
9. Storm Water Management Provided for in central facility located in Glenshire Towne Section 1 F-85-12.

NOTE: Approved Road Construction Plans shall be used for installation of Public Utilities.

Public Water and Sewer shown for reference only. See Water and Sewer Plans Contract No. 24-1395-D

NOTE: Sediment and Erosion Control for Previously Approved Road Construction Plans F-85-12 to be Utilized.

NOTE: The Contractor or Developer shall contact the Construction Inspection / Survey Division, 24 hours in advance of commencement of work at 792-7272.



TYPICAL HOUSES
NO SCALE



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
John G. Brinjak 5-19-86
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John G. Brinjak 5-21-86
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John G. Brinjak 5-21-86
DATE

APPROVED
LAND DEVELOPMENT
4-18-86
John G. Brinjak

Reviewed for: HOWARD S.C.D.
Name
and meets Technical Requirements
Stephen L. Fluke 5-8-86
Signature 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. Fluke 5/8/86

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control is in accordance with the requirements of the State of Maryland, Title 26, Section 26-201, and the regulations of the State Board of Engineers and Surveyors.

G. Nelson Clark 5-2-86
G. Nelson Clark Date

DEVELOPER'S/BUILDER'S CERTIFICATE
I/we certify that all development construction will be done according to the approved plan and that erosion and sediment control and construction will be maintained until the site is stabilized.

John G. Brinjak 5-2-86
John G. Brinjak Date

SUBDIVISION NAME GLENSHIRE TOWNE	SECT./AREA 1/3	LOT/PARCEL 175-238
PLAT # or L/F 6686	BLOCK # 17	ZONED RSA-3
TAX/ZONE MAP 42	ELEC. DIST. 6th	CENSUS TR. 6065.02
WATER CODE E-14	SEWER CODE 4400300	

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS (301) 593-3400

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904

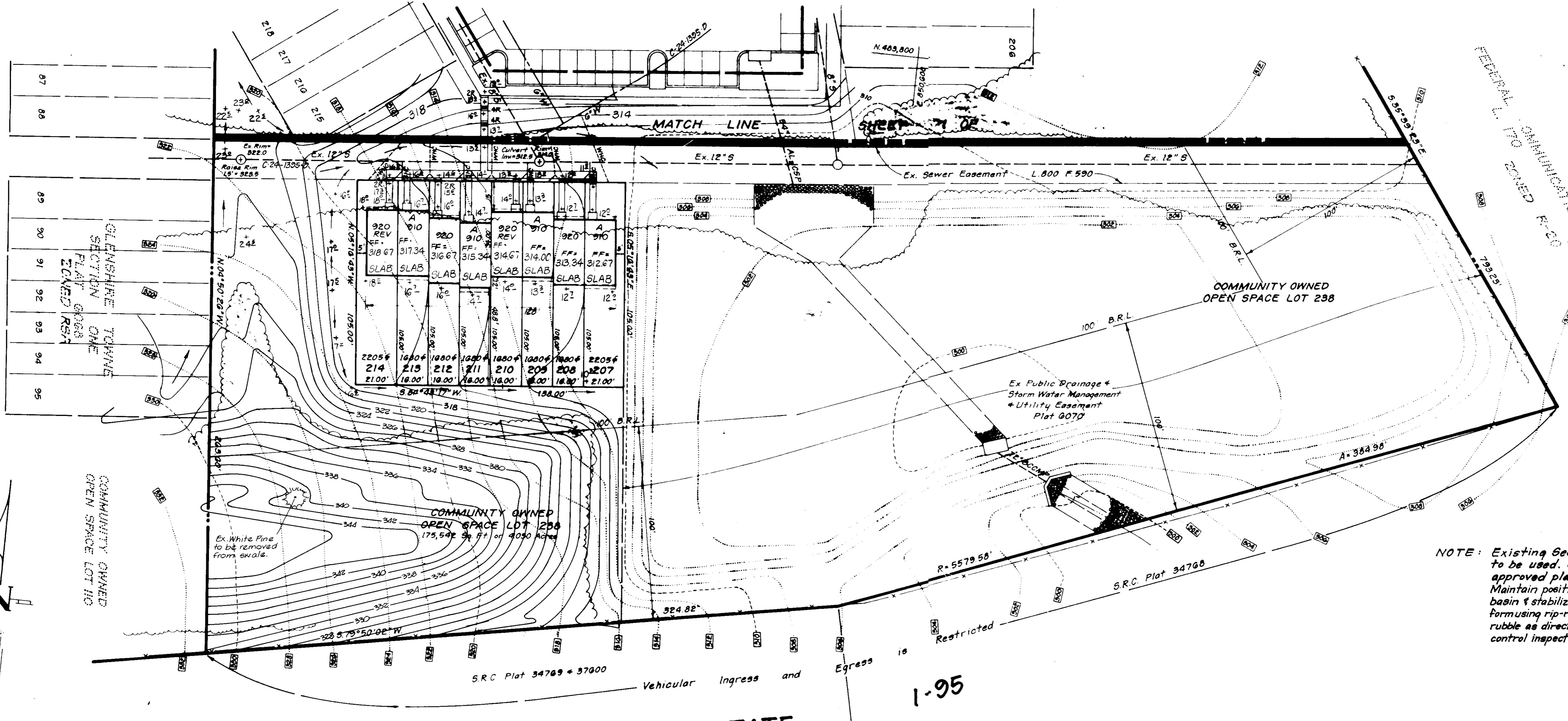
DESIGNED: BAF, GLB
DRAWN: LAI
CHECKED: BAF, GLB
DATE: 11-20-85

SITE DEVELOPMENT PLAN AND SEDIMENT AND EROSION CONTROL PLAN
LOTS 175 THRU 238
GLENSHIRE TOWNE
SECTION 1 AREA 3
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
DRAWING: 1 of 4
JOB NO.: 81-060
FILE NO.: 81-060 X

FOR: Pulte Home Corporation - Eastern Division
PO Box 2008
Columbia, Maryland 21045
SDP 86-144

LOT #	STREET ADDRESS
175	3601 Hingston Downs
176	3602 " "
177	3603 " "
178	3604 " "
179	3605 " "
180	3606 " "
181	3607 " "
182	3608 " "
183	3609 " "
184	3610 " "
185	3611 " "
186	3612 " "
187	3613 " "
188	3614 " "
189	3615 " "
190	3616 " "
191	3617 " "
192	3618 " "
193	3619 " "
194	3620 " "
195	3621 " "
196	3622 " "
197	3623 " "
198	3624 " "
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200	3626 " "
201	3627 " "
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205	3631 " "
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210	3636 " "
211	3637 " "
212	3638 " "
213	3639 " "
214	3640 " "
215	3641 " "
216	3642 " "
217	3643 " "
218	3644 " "
219	3645 " "
220	3646 " "
221	3647 " "
222	3648 " "
223	3649 " "
224	3650 " "
225	3651 " "
226	3652 " "
227	3653 " "
228	3654 " "
229	3655 " "
230	3656 " "
231	3657 " "
232	3658 " "
233	3659 " "
234	3660 " "



NOTE: Existing Sediment Basin to be used. See previously approved plans F-85-12. Maintain positive drainage to basin & stabilize any alleys which forming rip-rap or concrete rubble as directed by sediment control inspector.

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (1992-2437)
- 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 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.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 11, 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. 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.
- 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	10,059 Acres
Area Disturbed	4,115 Acres
Area to be roofed or paved	0,816 Acres
Area to be vegetatively stabilized	3,299 Acres
Total Cut	3,400 Cu. Yds
Total Fill	27,222 Cu. Yds
Offsite waste/borrow area location	N/A

CONSTRUCTION SEQUENCE:

A. OBTAIN GRADING PERMIT & INSTALL SEDIMENT AND EROSION CONTROL DEVICES AND STABILIZE, CLEAN CUT AND REPAIR EX. SEDIMENT BASIN AS NECESSARY.	3
B. Excavate for foundations and Rough Grade if Temporary Structures	45
C. Construct Structures, Sidewalks and Driveways.	150
D. Final Grade and stabilize in accordance with Stds. & Specs.	25
E. Upon approval of the sediment control inspector remove sediment control devices and clean up.	5
F. CONVERT SEDIMENT BASIN TO STORM WATER MANAGEMENT POND AFTER ALL AREAS UNDER CONSTRUCTION ARE STABILIZED (SEE APP. PLANS F-85-12).	21

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

- 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).
- 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 50 lbs per acre (.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru 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 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.

Inspect all seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed 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 25 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 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 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.

DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan of development and plans for erosion and sediment control and that the construction will be in accordance with the construction permit which was issued by the Howard County Department of Natural Resources and that the construction will be in accordance with the requirements of the Howard Soil Conservation District or their authorized agents, as may be necessary.

John G. Brnjak
1-14-86
Date

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.

G. Nelson Clark
1-14-86
Date

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

APPROVED

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

HOWARD COUNTY, MARYLAND

DATE 4-18-86

Reviewed for HOWARD S.C.D.

Signature: Stephen L. Hule

Date: 5-8-86

U.S. Soil Conservation Service

APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Signature: Stephen L. Hule

Date: 5-8-86

CLARK • FINEROCK & SACKETT

ENGINEERS • PLANNERS • SURVEYORS

SITE DEVELOPMENT PLAN AND SEDIMENT AND EROSION CONTROL PLAN

LOTS 175 THRU 238

GLENESHIRE TOWNE

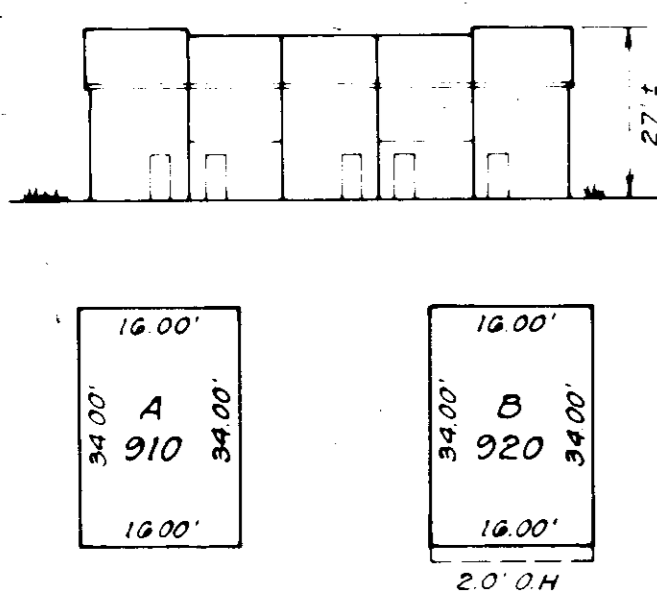
SECTION 1 AREA 3

6th ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

FOR: Pulte Home Corporation - Eastern Division, P.O. Box 2008, Columbia, Maryland 21045

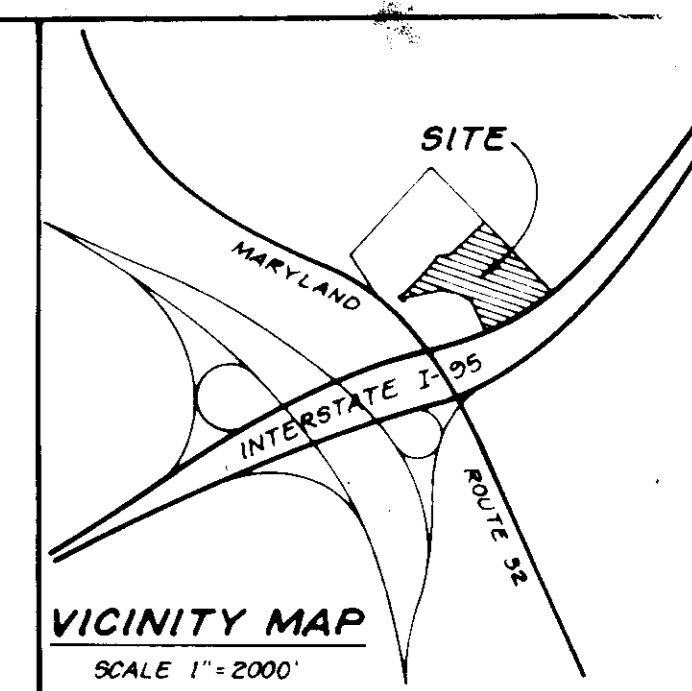
SDP 86-144



TYPICAL HOUSES
NO SCALE

LEGEND

- 1. Contour Interval 2 Ft
- 2. Existing Contour
- 3. Proposed Contour
- 4. Spot Elevation
- 5. Direction of Drainage
- 6. Ex. Trees to be Retained



GENERAL NOTES

- 1. The land included in this plan is zoned: RSA
 - 2. All coordinates shown hereon are based on the Maryland State Grid System.
 - 3. The area covered is located on Tax Map #42, Parcel
 - 4. The total area of this plan is 2393 Acres
 - 5. All roadways are existing
 - 6. Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - 7. Number of units shown: 60
 - 8. Number of parking spaces required: 120
- Spaces Provided: 123

NOTE: Approved Road Construction Plans shall be used for installation of Public Utilities. Public Water and Sewer shown for reference only. See Water and Sewer Plans Contract No. 24-1395-0

NOTE: Sediment and Erosion Control for Previously Approved Road Construction Plans F-85-12 to be Utilized

NOTE: The Contractor or Developer shall contact the Construction Inspection / Survey Division, 24 hours in advance of commencement of work at 792-7272.



SUBDIVISION NAME	GLENSHIRE TOWNE	SECT. AREA	1/3	LOT / PARCEL	175 - 238
PLAT #	6686 & 6687	BLOCK #	17	ZONED	RS-A-B
		TAX / ZONE MAP	42	ELEC. DIST.	6th
		CENSUS TR.			6065.02
WATER CODE	E-14	SEWER CODE	4400900		

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

[Signature] DATE: 5-19-86

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] DATE: 5-21-86

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

[Signature] DATE: 5-19-86

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND

DATE: 4-18-86

[Signature]

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593 3400

DESIGNED BY: MBN
DRAWN BY: MBN
CHECKED BY: WHT
DATE: 12-17-85

SCALE: 1" = 30'

DRAWING: 3 of 4

JOB NO: 81-060

FILE NO: 81-060

LANDSCAPING PLANTING PLAN
LOTS 175 THRU 238
GLENSHIRE TOWNE
SECTION 1 AREA 3
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE: 5-2-86

SDP-86-144

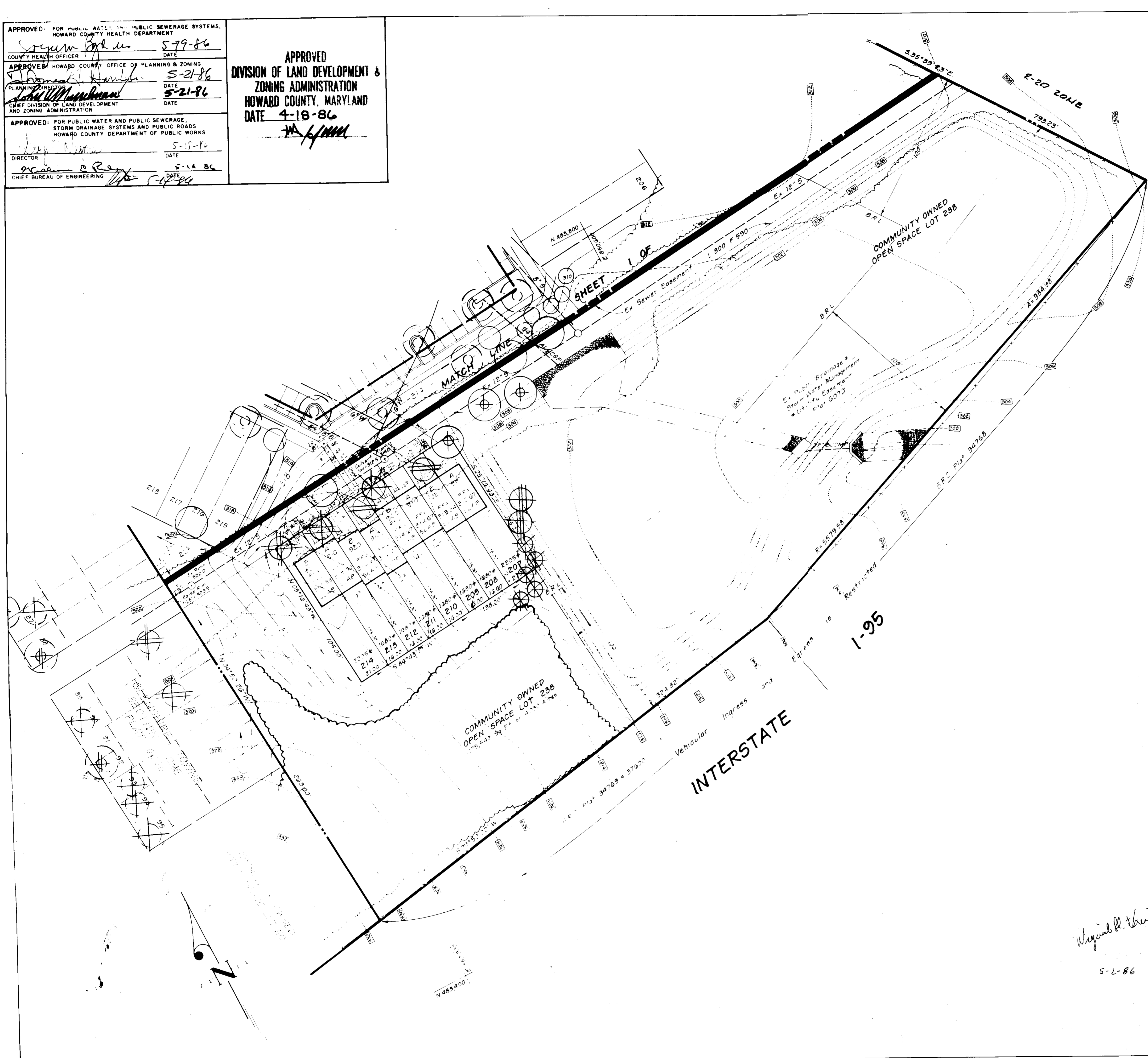
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
[Signature] 5-79-86
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
[Signature] 5-21-86
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
[Signature] 5-18-86
DATE

CHIEF BUREAU OF ENGINEERING
[Signature] 5-18-86
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-18-86
[Signature]



PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
PREVIOUSLY APPROVED STREET TREES				
⊕	QUERCUS PALUSTRIS PIN OAK	2 1/2-3' CAL 12-14' HT		B & B HEAVY HEADS
⊕	QUERCUS PHELLOS WILLOW OAK			
⊕	TILIA COPDATA LITTLELEAF LINDEN			
⊕	ACER PUBBUM 'OCT. GLORY' OCTOBER GLORY MAPLE			
PREVIOUSLY APPROVED LOT PLANTING, LOTS 71 THRU 85 AND LOTS 164 THRU 171.				
⊕	ACER PUBBUM 'RED SUNSET' RED SUNSET MAPLE	2 1/2-3' CAL 12-14' HT		B & B HEAVY HEADS
⊕	ACER PUBBUM 'OCT. GLORY' OCTOBER GLORY MAPLE			
⊕	PLANTANUS ACEFFOLIA LONDON PLANETREE			
⊕	FRAXINUS P. LANCEOLATA MARSHALL'S GREEN ASH			
⊕	AMELANCHIER CANDENSIS SHADBLOW SERVICEBERRY	2-2 1/2' CAL 8-10' HT		
⊕	PYRUS C. 'BRADFORD' BRADFORD PEAR			
⊕	PRUNUS SERP. 'KWANZAN' KWANZAN CHERRY			
⊕	PRUNUS CEP. 'THUNDERCLOUD' PURPLELEAF FL PLUM			
⊕	COPRUS KOUSA HOUSA DOGWOOD			
⊕	COPRUS FLORIDA FLOWERING DOGWOOD			
⊕	PINUS STROBLIS EASTERN WHITE PINE	6-8' HT		B & B HEAVY

TREES PROPOSED BY THIS PLAN:

⊕	ACER PUBBUM 'RED SUNSET' RED SUNSET MAPLE	2 1/2-3' CAL 12-14' HT	13	B & B HEAVY HEADS
⊕	ACER PLATANIDES NORWAY MAPLE		1	
⊕	PYRUS C. 'BRADFORD' BRADFORD PEAR	2-2 1/2' CAL 8-10' HT	4	
⊕	PRUNUS SERP. 'KWANZAN' KWANZAN CHERRY		5	
⊕	MALUS HOWCLOUD HOWCLOUD CRABAPPLE		10	
⊕	MALUS PINK PERFECTION PINK PERFECTION CRAB		10	
⊕	CRATAEGUS MENTORENSIS THORNLESS TOBA HAWTHORN		2	
⊕	PINUS STROBLIS EASTERN WHITE PINE	6-8' HT	18	B & B HEAVY

NOTES:

- CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING
- ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ATTACHED SPECIFICATIONS.
- SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT (593-3400)

REVISED 10/8/86: REMOVAL OF VARIOUS TREES AS PER OWNER'S REQUEST.

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 563-3400

LANDSCAPE PLANTING PLAN
LOTS 175 THRU 238
GLENSHIRE TOWNE
SECTION 1 AREA 3
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DESIGNED: MBM
DRAWN: MBM
CHECKED: WHT
DATE: 12-10-85

FOR: PULTE HOME CORPORATION - EASTERN DIVISION
PO BOX 2008
COLUMBIA, MD 21043

SCALE: 1" = 30'
DATE: 4-18-86
JOB NO: 51-020
SHEET: 13
OF: 25

Wynne R. Blair
5-2-86