

PLANT SCHEDULE		ADDRESS CHART	
KEY	PLANT NAME	LOT NUMBER	STREET ADDRESS
NR 4	Acer rubrum - Red Maple	192	6436 SEDGWICK STREET
NR 5	Prunus americana - White Plum	193	6432
		194	6428
		195	6424
		196	6420
		197	6416
		198	6412
		199	6408
		200	6404
		201	6400
		202	6421
		203	6425
		204	6401
		205	6439
		191	6440

SCHEDULE A
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE B
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE C
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE D
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE E
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE F
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE G
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE H
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE I
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE J
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE K
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE L
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE M
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE N
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE O
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE P
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE Q
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE R
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE S
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

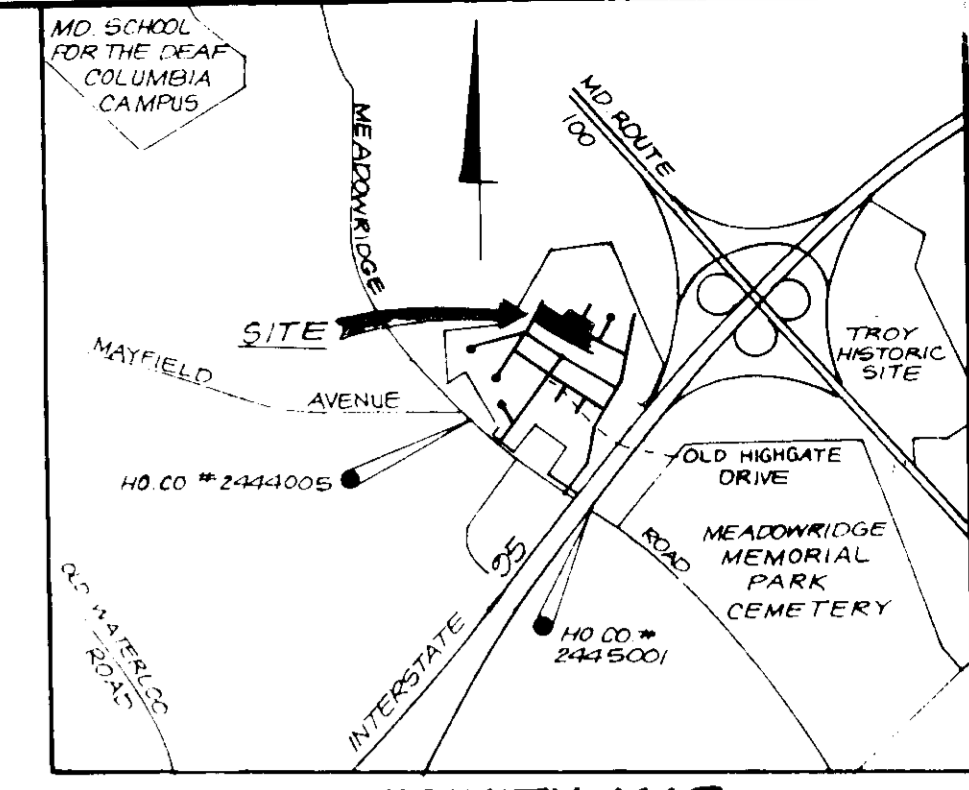
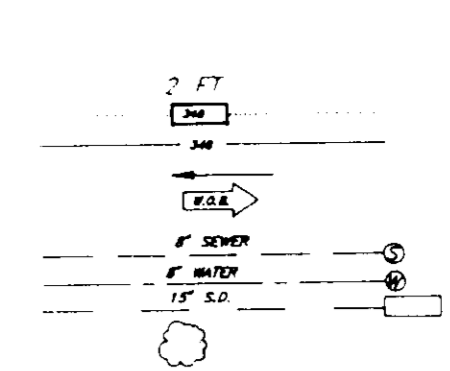
SCHEDULE T
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE U
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE V
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

SCHEDULE W
 Landscape Type: M
 Use # of spp. adj. to road: 200 spp.
 No plants req. 4 shade ever
 No plants req. 1 shade ever

LEGEND
 CONTOUR INTERVAL
 EXISTING CONTOUR
 PROPOSED CONTOUR
 DIRECTION OF DRAINAGE
 WALK OUT BASEMENT
 EXISTING SEWER MAIN
 EXISTING WATER MAIN
 EXISTING STORM DRAIN
 EXISTING TREES TO REMAIN



BENCH MARKS:

HO. CO. BM #2444005	ELEV 271.249
CONC. MONUMENT	0.5' BELOW SURFACE
N 495588.271	E 863126.170
HO. CO. BM #2445001	ELEV 245.095
CONC. MONUMENT	0.1' BELOW SURFACE
N 494663.186	E 864478.479

- GENERAL NOTES:**
- Subject property is zoned: R-MH per 10-18-93 Comprehensive Zoning Plan.
 - The total area included in this submission is: 1.64 ac.
 - The total number of lots included in this submission are: 15
 - Improvement to property: Single family detached
 - RAC elevations shown are located at the Property Line
 - Department of Planning and Zoning reference file numbers are: F-22-225, W-22-140, F-21-156, F-21-229, F-22-55, F-22-104
 - Utilities shown as existing are taken from approved water and sewer plan Contract #14-3019-D, approved road construction plans F-22-21, and actual field survey.
 - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
 - For driveway easement refer to Ho Co Design Manual Volume IX Det. 11.12-2.0.03
 - All roadways are public and existing.
 - The existing topography shown was taken from road construction plans F-22-21 prepared by T.S.A. Group Inc.; 5/29/92
 - The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2444005 & 2445001
 - The contractor shall notify the Department of Public Works/Division of Construction Inspection at 4101 313-1880 at least forty-eight (48) hours prior to the start of work.
 - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
 - Under certain conditions, decks and porches may only extend 10 feet into front and rear setbacks.
 - Stormwater management and water quality for this project is provided in Nottingham Village Section 1 F-21-99 by extended detention. This facility is privately owned and maintained.
 - This plan has been prepared in accordance with the provisions of Section 16.12A of the Ho Co Code & Landscape Manual. Financial surety for the required 9 trees in the amount of \$100.00 is part of the builders grading permit.
 - Garages shall be for parking purposes only in accordance with section 12.5, D. 26A of the zoning Regulations.

SPECIAL NOTES:
 This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-22-21 and/or approved Water and Sewer Plans Contract #C-14-3019-D.

SHEET INDEX

SITE DEVELOPMENT PLAN #	SHEET 1
SEDIMENT & EROSION CONTROL PLAN	SHEET 2 & 3

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
NOTTINGHAM VILLAGE	3	191 thru 205
PLAT NO.	BLOCK NO.	ZONE
10849 thru 10852	1G	R-MH
TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
10852	1ST	G011.01
WATER CODE	SEWER CODE	
2153.000	DOG	

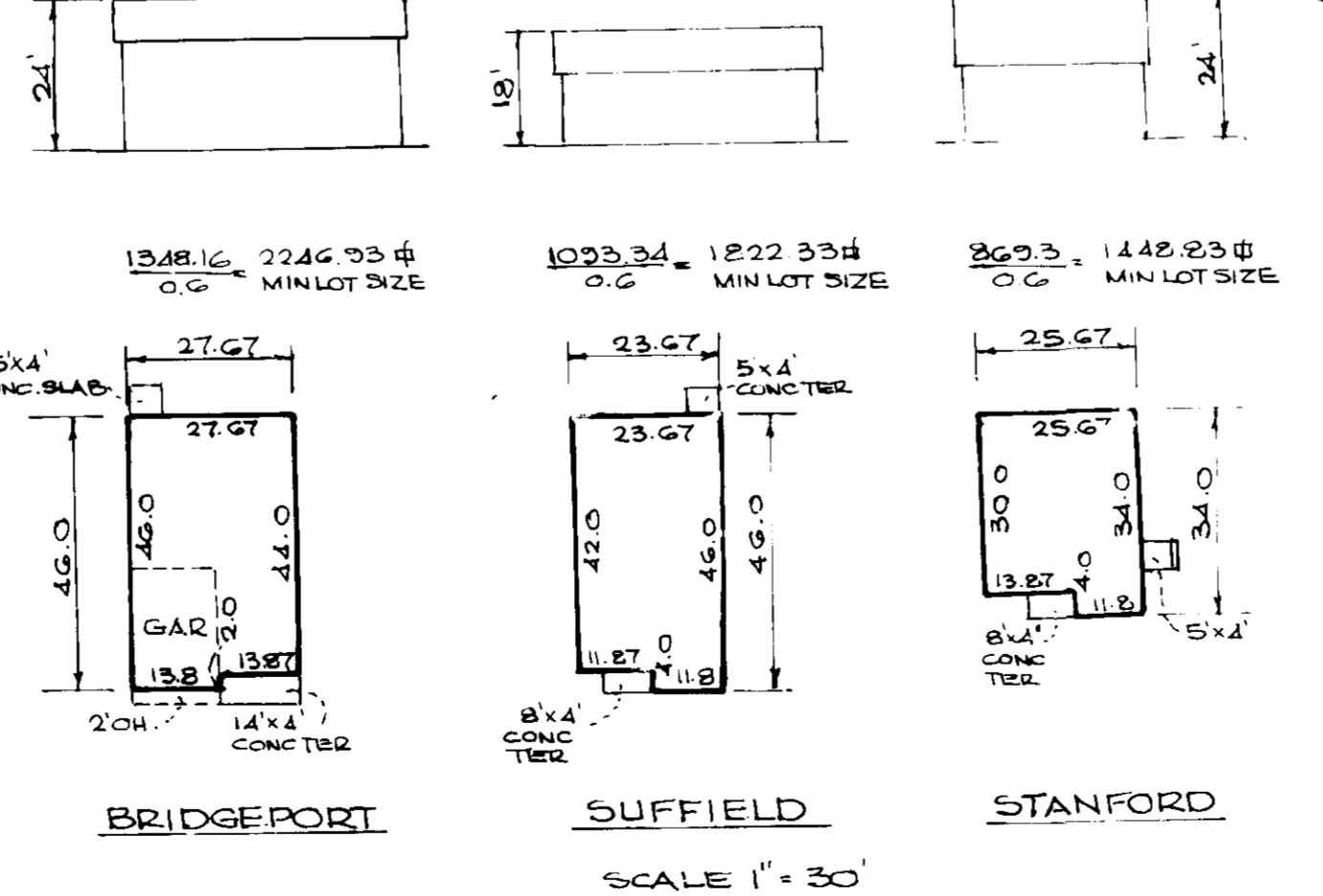
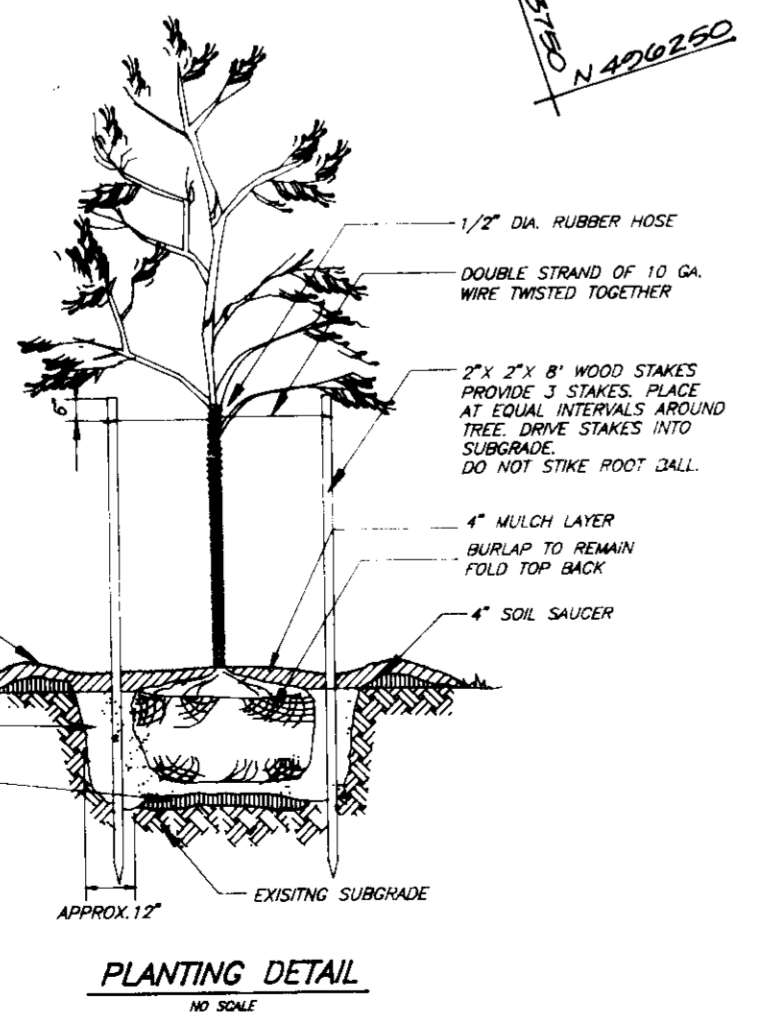
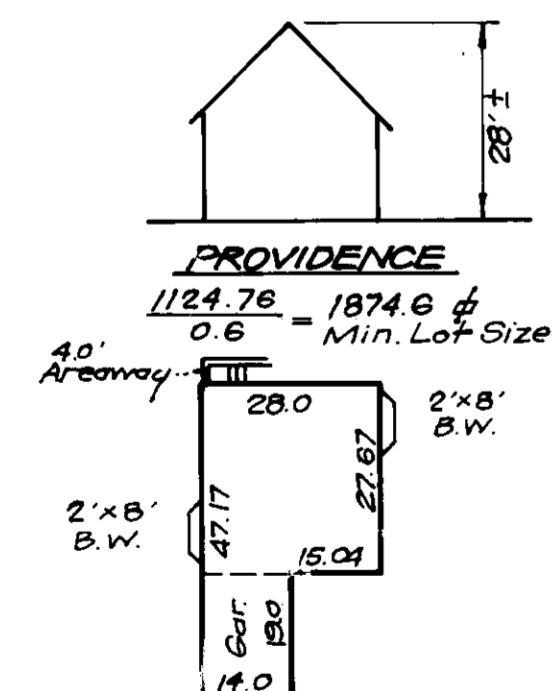
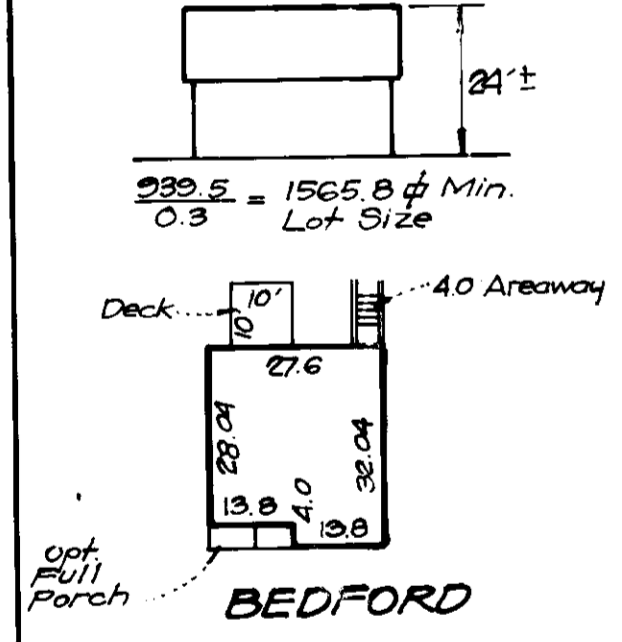
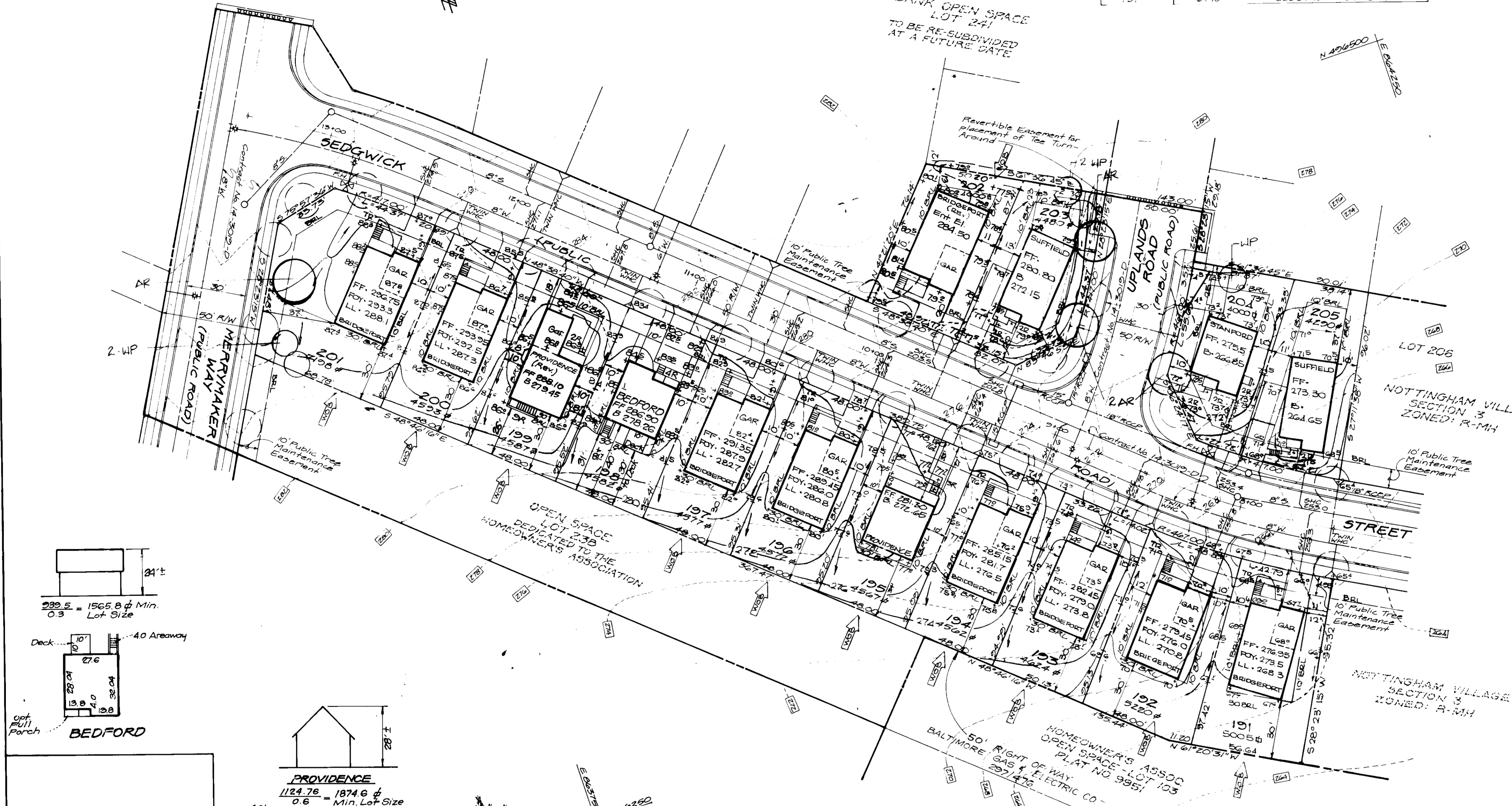


CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINISTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 • BALTO • (410) 421-8100 • WASH.

SITE DEVELOPMENT & LANDSCAPE PLAN
 LOTS 191 thru 205
NOTTINGHAM VILLAGE
 SECTION 3
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: PATRIOT HOMES
 PO BOX 1018
 COLUMBIA MD. 21044

SDP-95-28



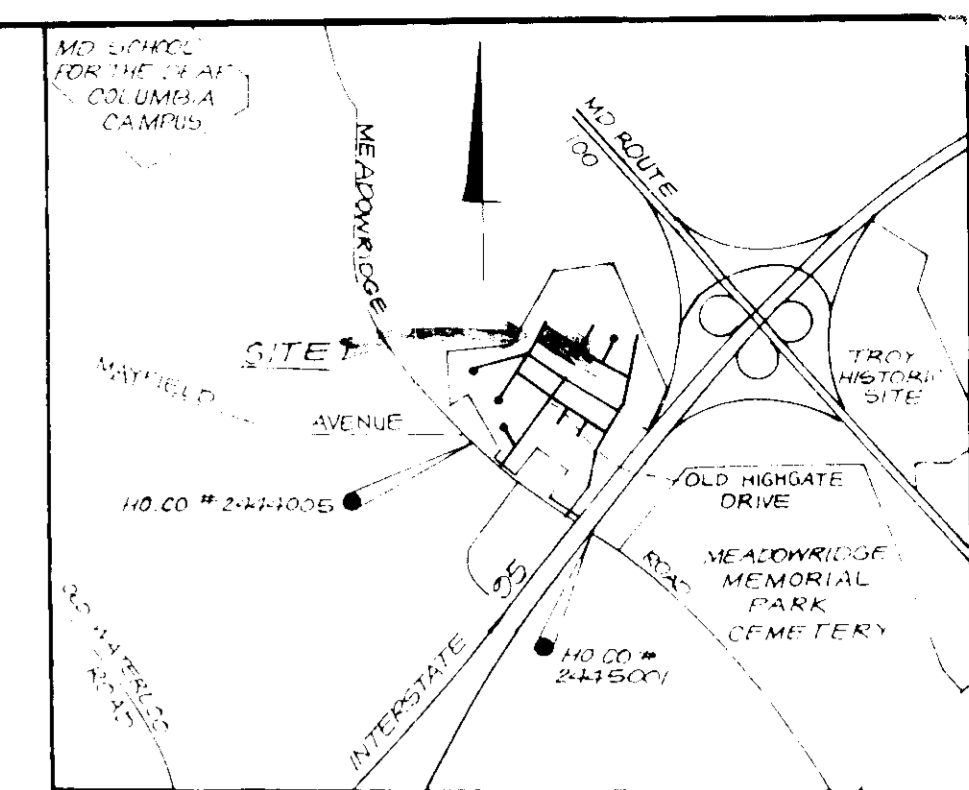
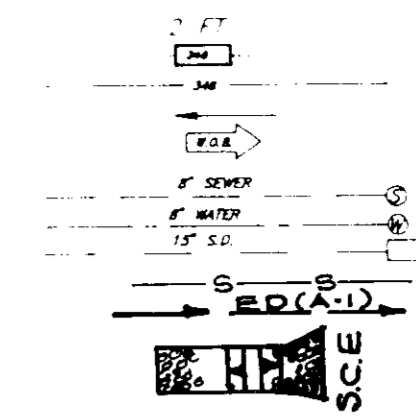
REVISIONS

5	Rev. Ex. Ord. to show As-Built Cord. lot 202	3-28-95
4	Rev. hse. 3 and lot 195	8-16-95
3	Rev. hse. 4 and lot 198, Add hse. typical	5-17-95
2	Rev. hse. 4 and lot 199, Rev. hse. typical	3-28-95
1	Rev. hse. 4 and lot 199, Add hse. typical	3-1-95
NR		

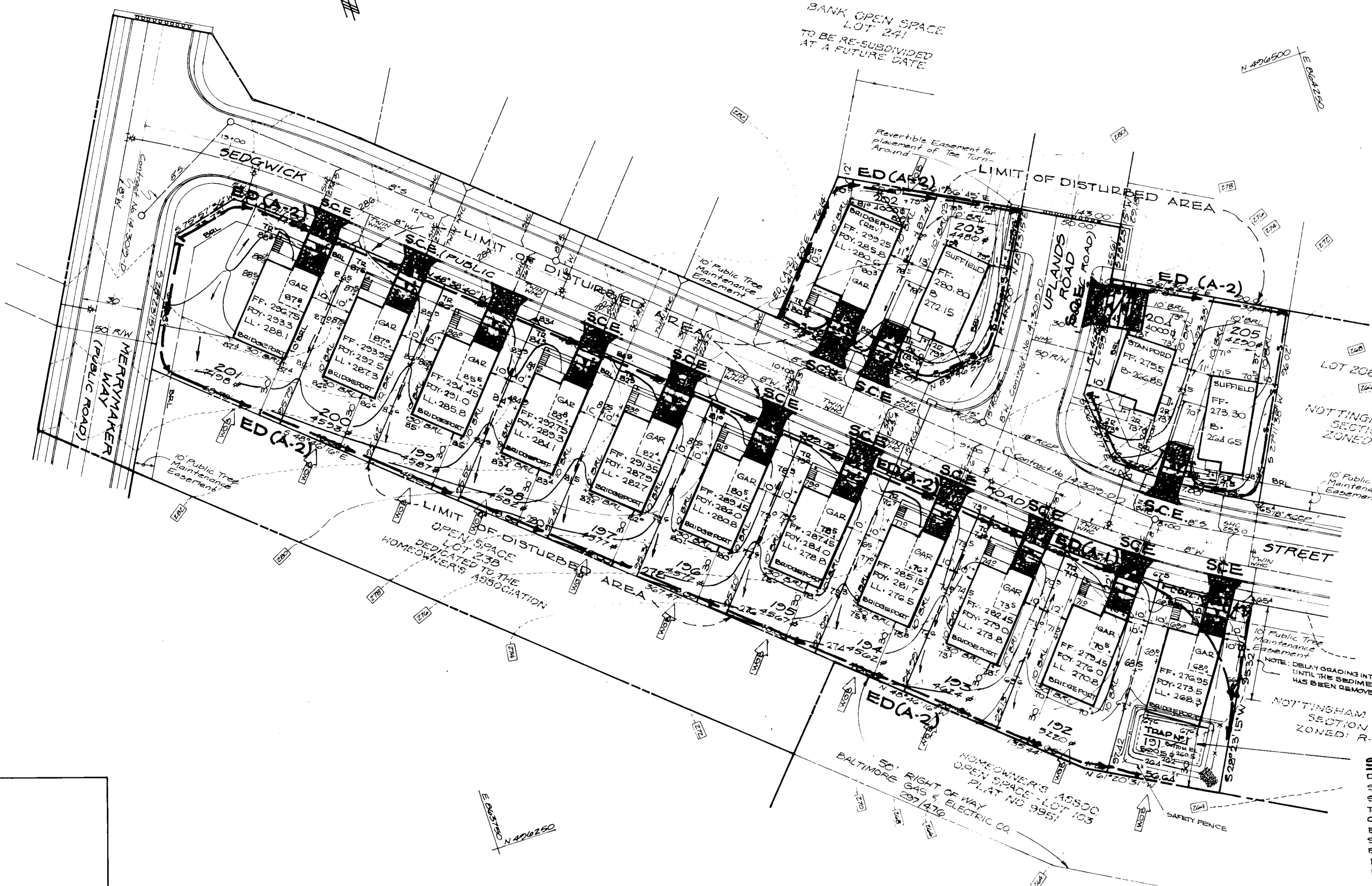
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: [Signature] DATE: 11/12/94
 Director: [Signature] DATE: 11/16/94
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] DATE: 11/16/94
 Director: [Signature] DATE: 11/10/94

LEGEND

- CONTOUR INTERVAL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING STORM DRAIN
- SILT FENCE
- EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE W/MOUNTABLE BERM.



VICINITY MAP
SCALE: 1"=2000'



SEDIMENT TRAP #1 SOST ST-V

DRAINAGE AREA	1.24C
STORAGE REQUIRED	2160 CF
STORAGE PROVIDED	2220 CF
TOP OF STONE CREST	264.5
CLEAN OUT ELEVATION	262.0
BOTTOM ELEVATION	260.5
STORAGE DEPTH	3'
BOTTOM DIMENSION	17' x 34'
1:1 SIDE SLOPES IN CUT	

Reviewed for **HOWARD...S.C.D.**
Name
and meets Technical Requirements
Petina Cooper Signature Date **11/7/94**
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John L. Peterson 11/7/94

DEVELOPER'S/BUILDERS 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 personnel involved in the construction project will have a Certificate of Attendance at a Dept. of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by Howard Soil Conservation District or their authorized agencies, or as deemed necessary."

[Signature] 9-23-94
Signature of Developer/Builder 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.

[Signature] 9-23-94
G. NELSON CLARK DATE



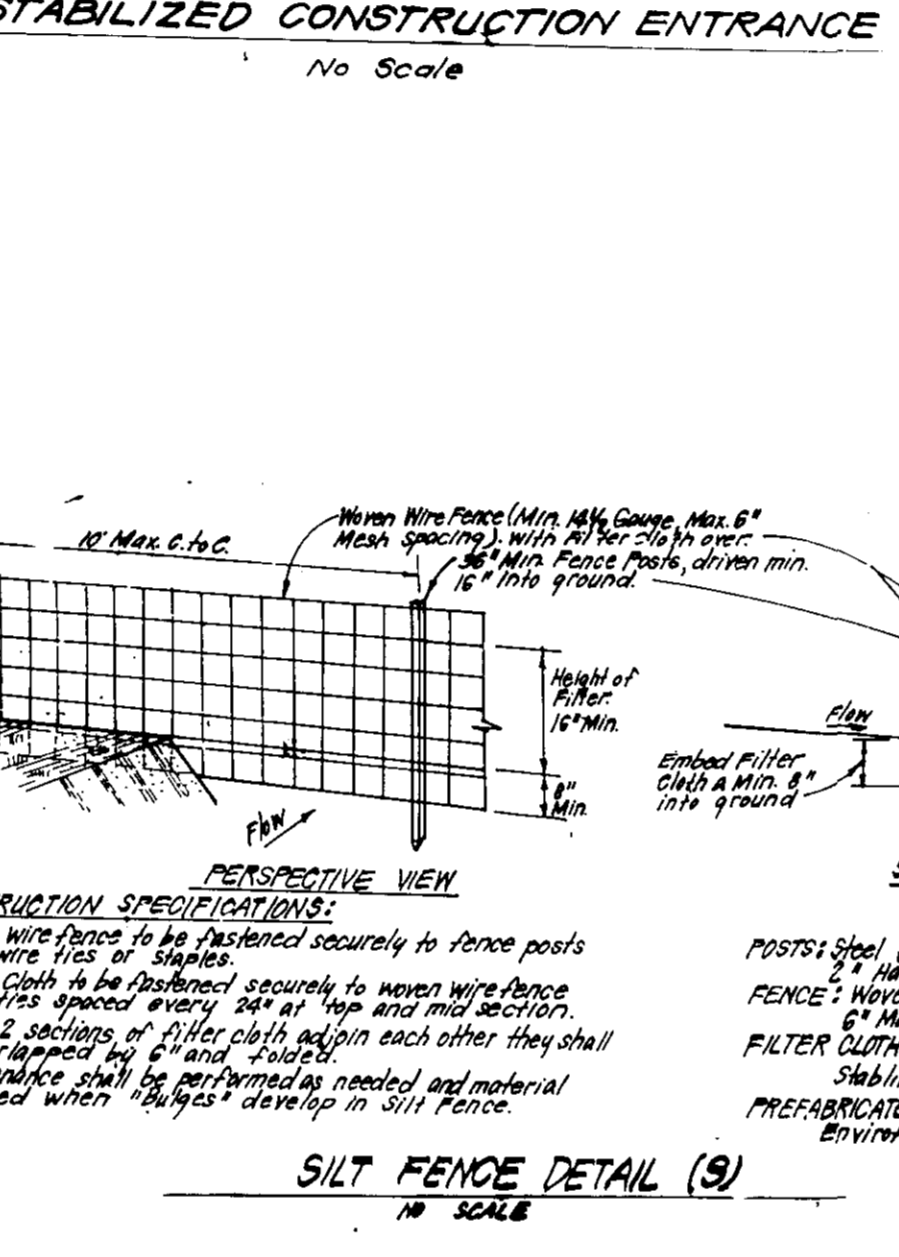
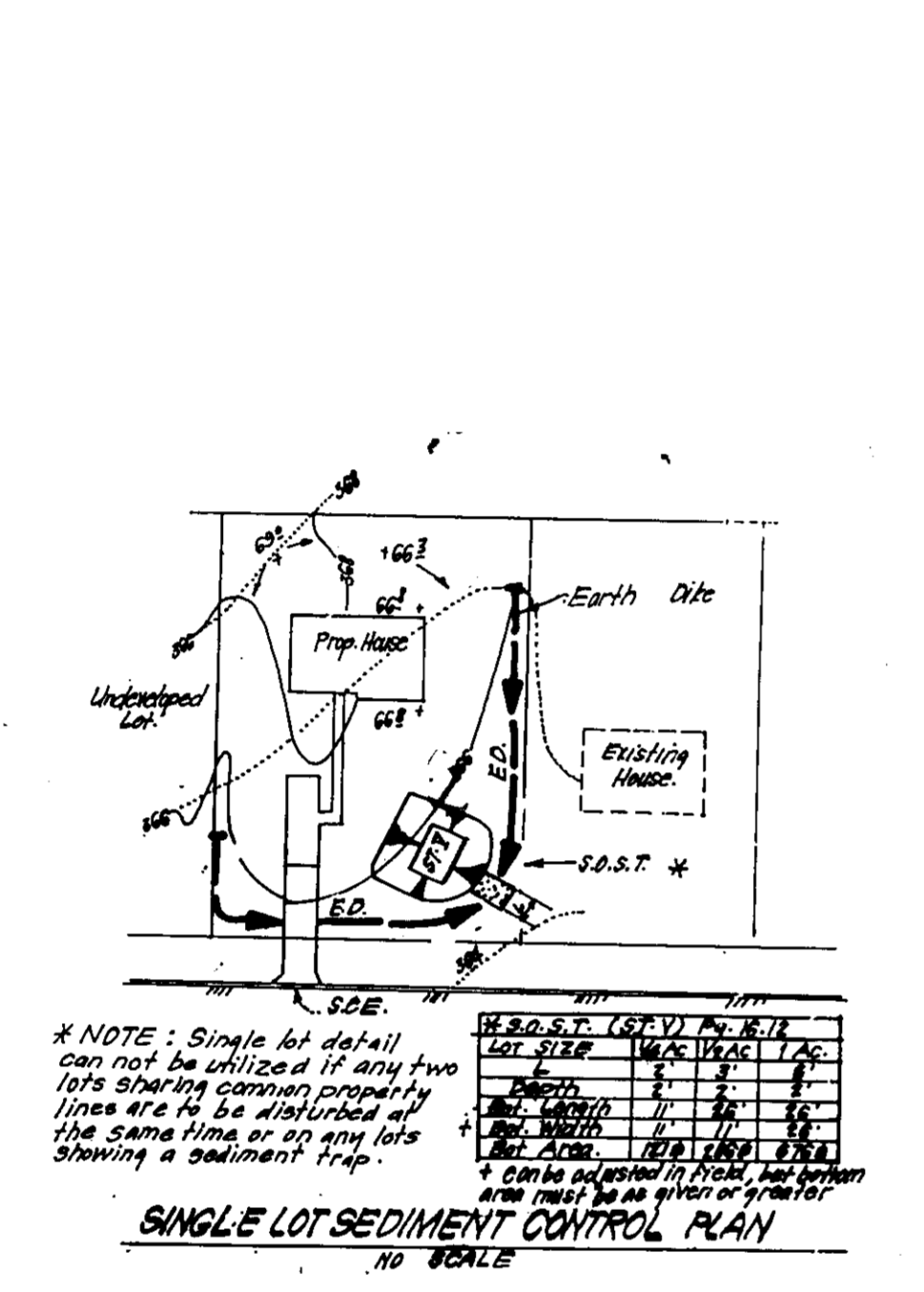
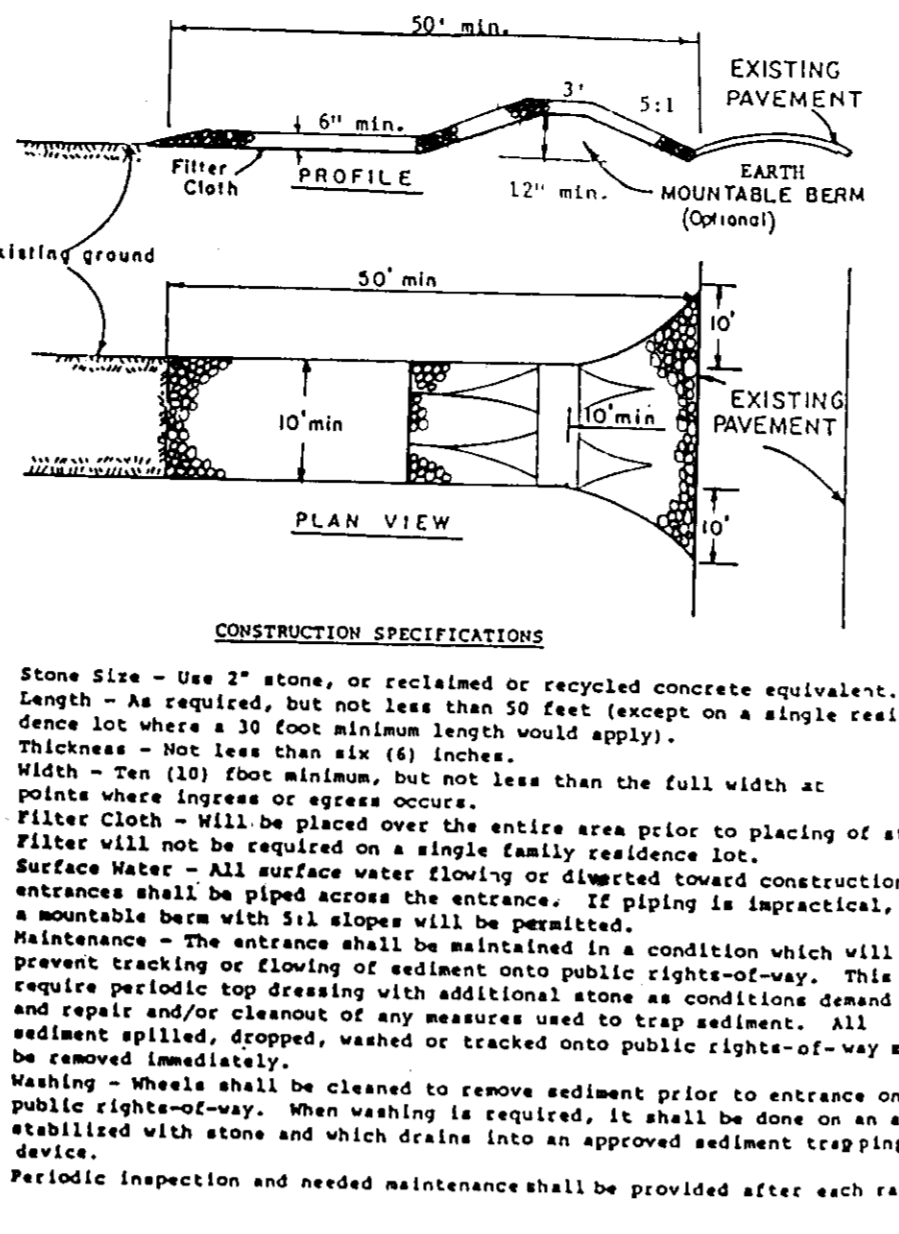
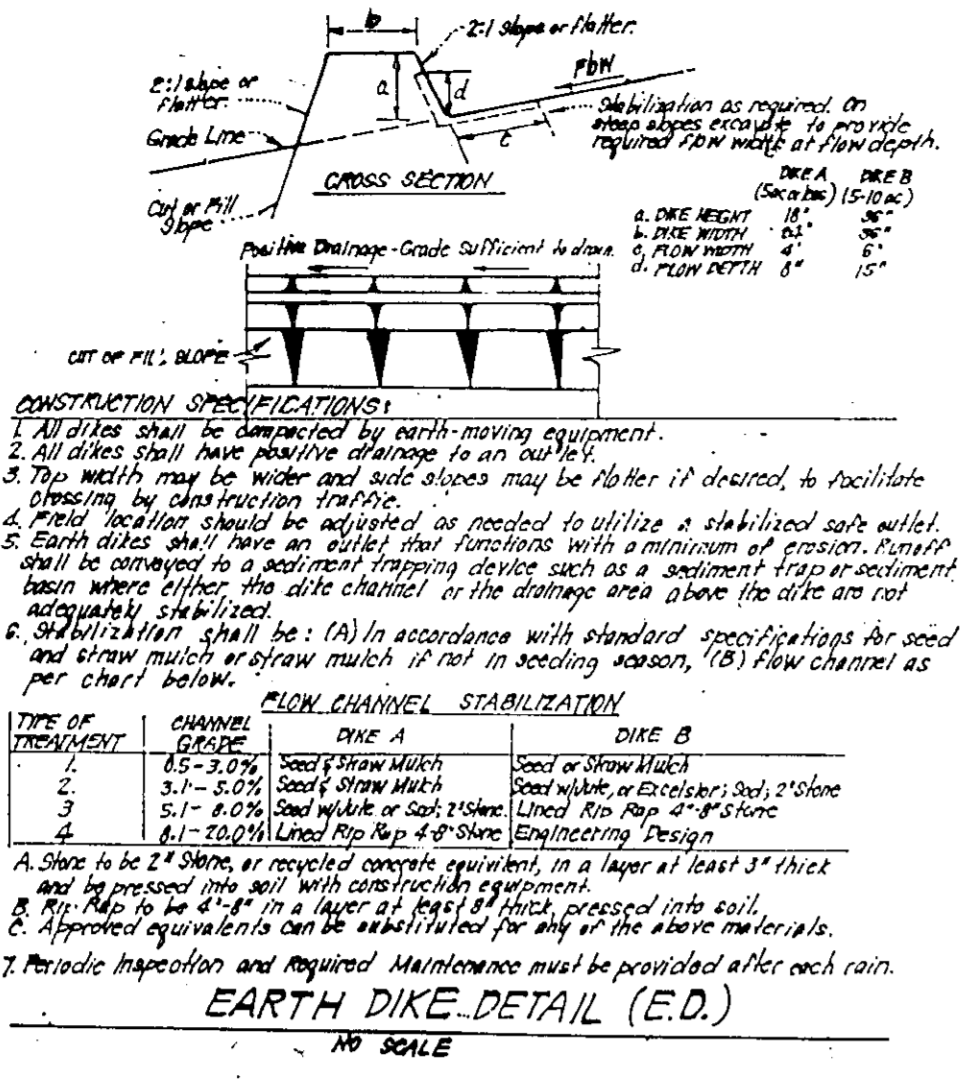
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 11/2/94
DIRECTOR DATE
[Signature] 11/16/94
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11/6/94
DIRECTOR DATE
[Signature] 11/10/94
CHIEF BUREAU OF ENGINEERING DATE

CLARK • FINEPROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

2000 MOUNTAIN VIEW DRIVE • COLUMBIA, MARYLAND 21041 • (410) 271-1400 • FAX (410) 271-1401

DESIGNED Z.A.L.	SEDIMENT AND EROSION CONTROL PLAN LOTS 191 thru 205 NOTTINGHAM VILLAGE SECTION 3 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN D.M.T. M.C.R.		DRAWING 2 of 3
CHECKED J.A.T.E.		JOB NO 94-146
DATE 9-26-94		FILE NO 94-146se
OWNER / DEVELOPER SECURITY DEVELOPMENT CORP. P.O. BOX 417 HELMET CITY, MD 21041		ROR PATRIOT HOMES P.O. BOX 1018 COLUMBIA, MD 21041



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, disking or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/100 sq ft.) and 500 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil. At the 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 60lbs per acre (1.4 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 (.25 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 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 unrattled 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.

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

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding, if not previously loosened.

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 2 1/2 bushels per acre of annual ryegrass (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 unrattled 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.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT AND EROSION 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. (913-1825).
 - 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 SPECS. 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 perimeters 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. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with 1" 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.
 - SITE ANALYSIS**
 Total Area of Site: 1.64 AC
 Area Disturbed: 1.07 AC
 Area to be roofed or paved: 0.62 AC
 Area to be vegetatively stabilized: 1.05 AC
 Total Cut: 825 Cy
 Total Fill: 1326 Cy
 Offsite Waste/Borrow Area Location: #2
 - 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 control 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.
 - All pipes to be blocked at the end of each day (see detail this sheet).
 - The total amount of silt fence: 475 LF
- * It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and its grading permit number at the time of construction.

* Delay construction of houses on lots: 101 See single lot sediment control detail, this sheet.

CONSTRUCTION SEQUENCE:	NO. OF DAYS
1. Obtain grading permit	7
2. Install tree protection fence.	7
3. Install sediment and erosion control devices and stabilize.	14
4. Excavate for foundations, rough grade and temporarily stabilize.	30
5. Construct structures, sidewalks and driveways.	60
6. Final grade and stabilize in accordance with Stds. and Specs.	14
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *[Signature]* 11/12/94
 Director: *[Signature]* 11/16/94
 Director: *[Signature]* 11/10/94
 Director: *[Signature]* 11/10/94

Reviewed for: HOWARD S.C.D.
 and Meets Technical Requirements
 Signature: *[Signature]* 11/19/94
 Signature: *[Signature]* DMS
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved: *[Signature]* 11/19/94

DEVELOPER'S/BUILDER'S CERTIFICATE
 "I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment 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."
 Signature: *[Signature]* 9-23-94
 DATE

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion 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.
 Signature: *[Signature]* 9-23-94
 G. NELSON CLARK, DATE



CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINISTERIAL WAY • COLUMBIA MD 21045 • (410) 851-7500 BALTO • (301) 421-8300 - WASH

DESIGNED: Z.A.L.
 DRAWN: R.M.T.
 CHECKED: M.C.R.
 DATE: 9-26-94

SEDIMENT AND EROSION CONTROL PLAN
 LOTS 101 thru 205
 NOTTINGHAM VILLAGE
 SECTION 3
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: PATRIOT HOMES
 PO BOX 1018
 COLUMBIA MD 21044

SCALE: 1"=30'
 DRAWING: 3 of 3
 JOB NO: 9A-146
 FILE NO: 9A-146SE