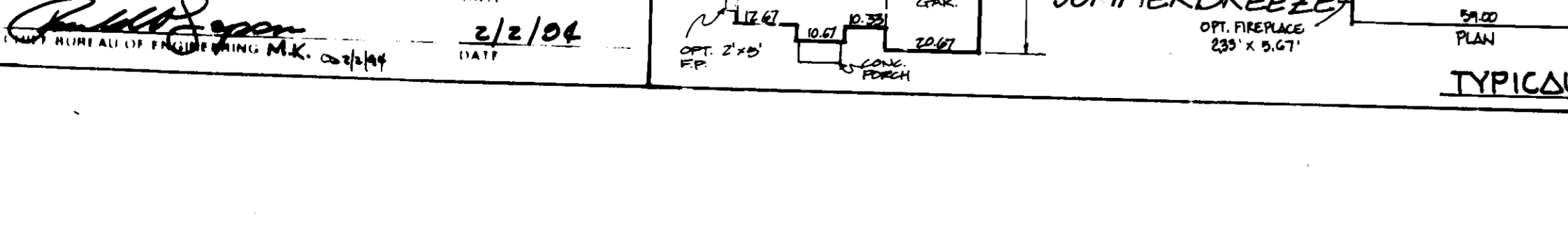
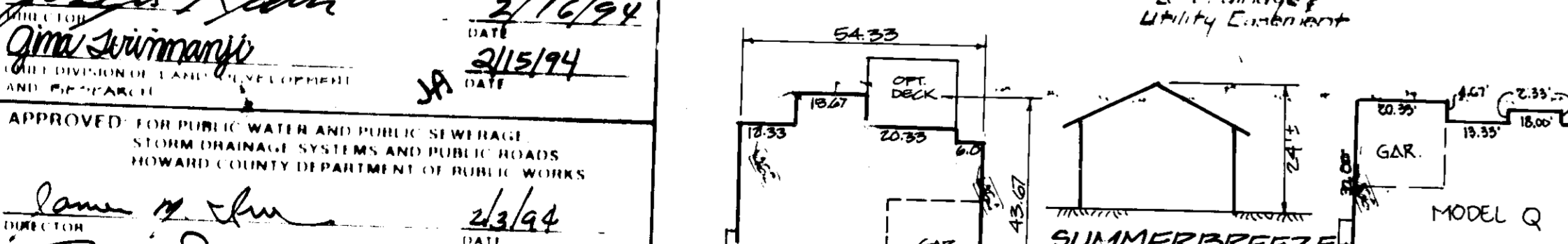
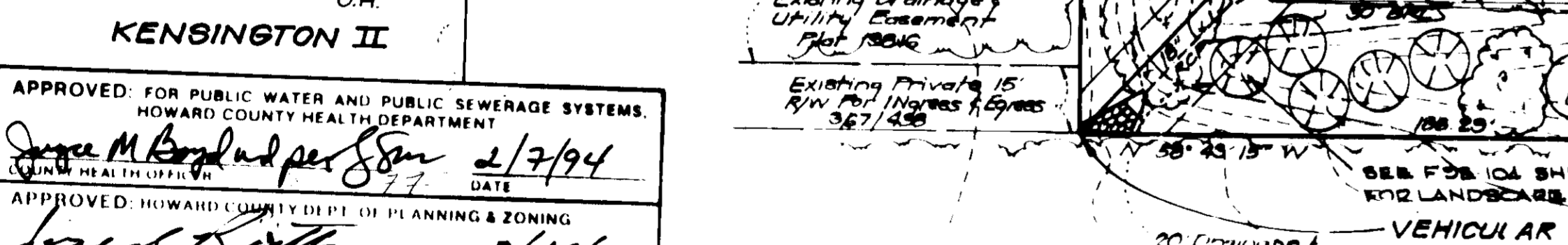
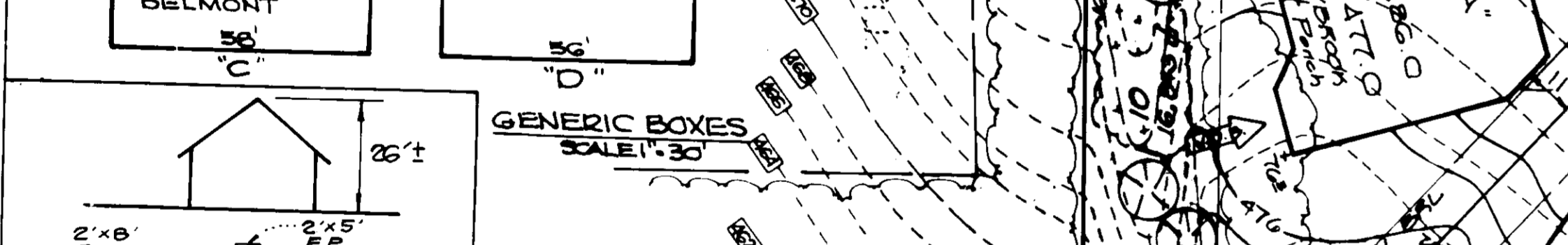
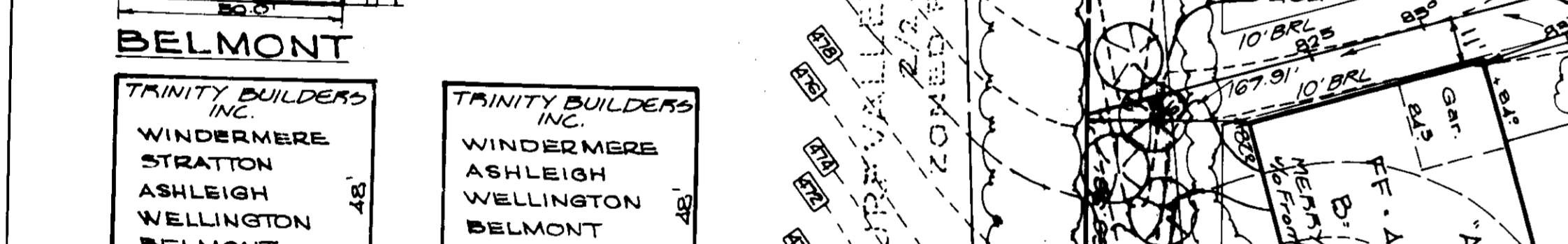
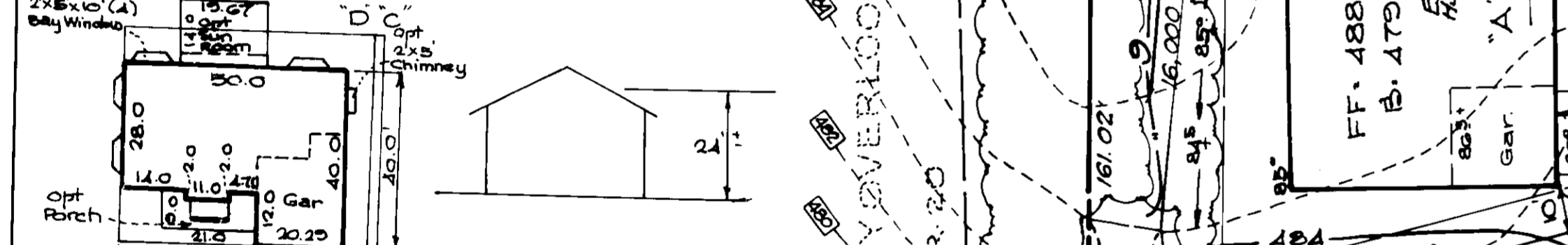
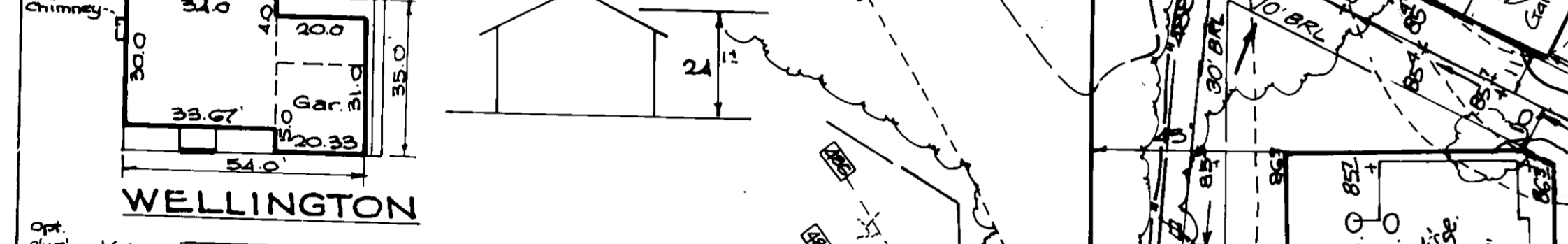
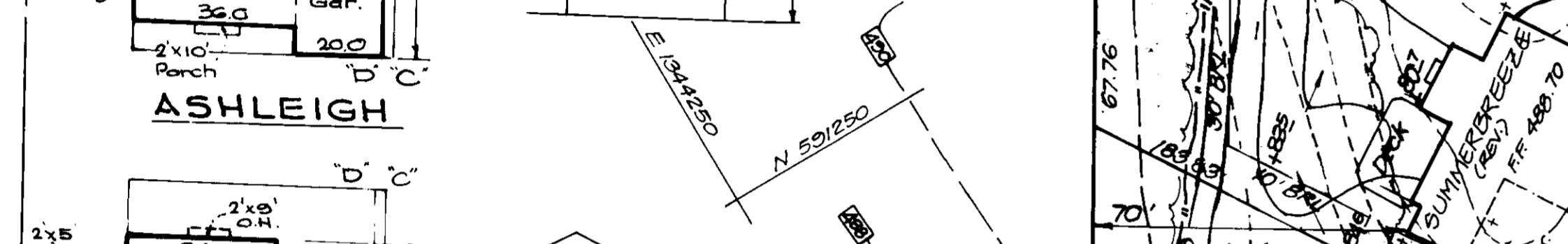
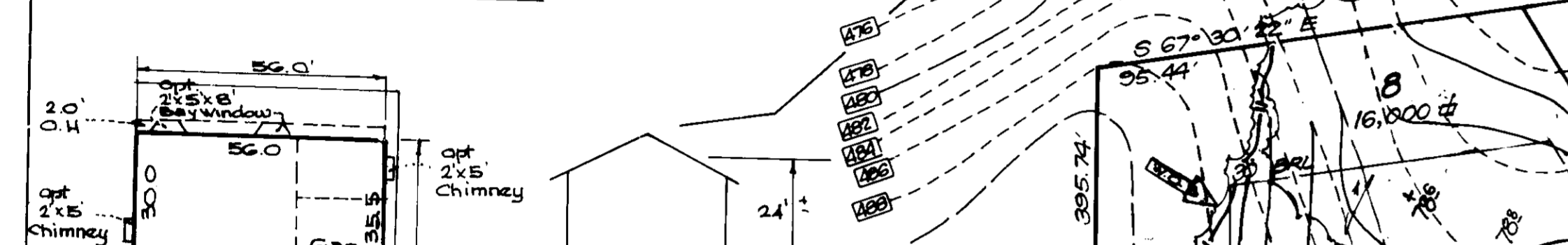
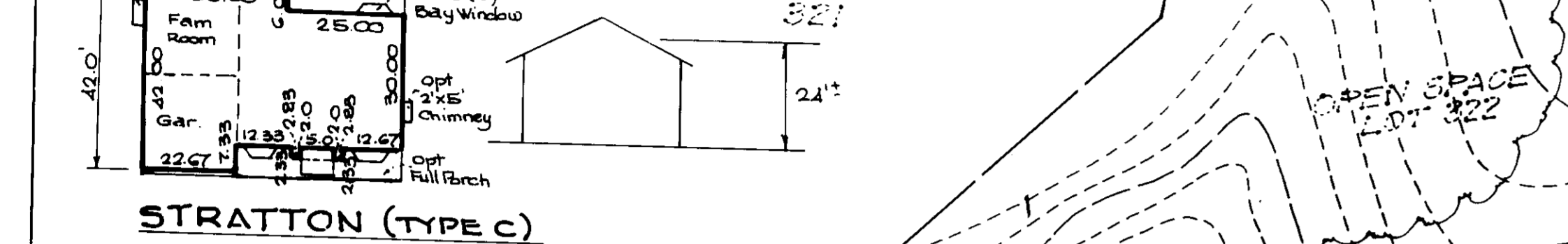
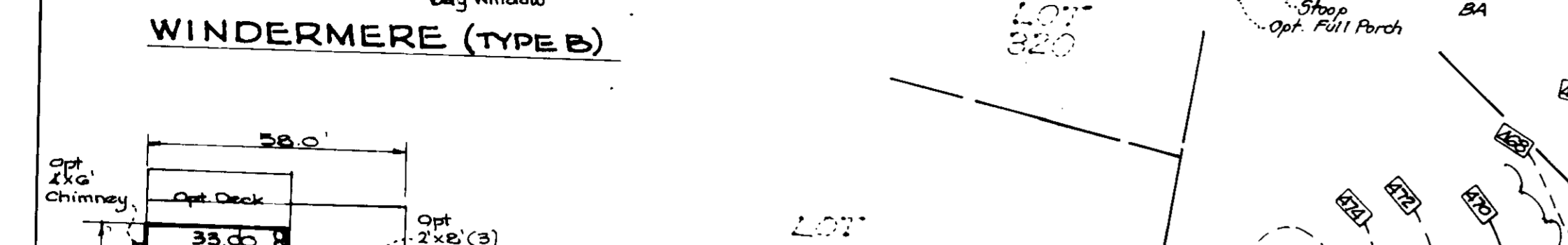
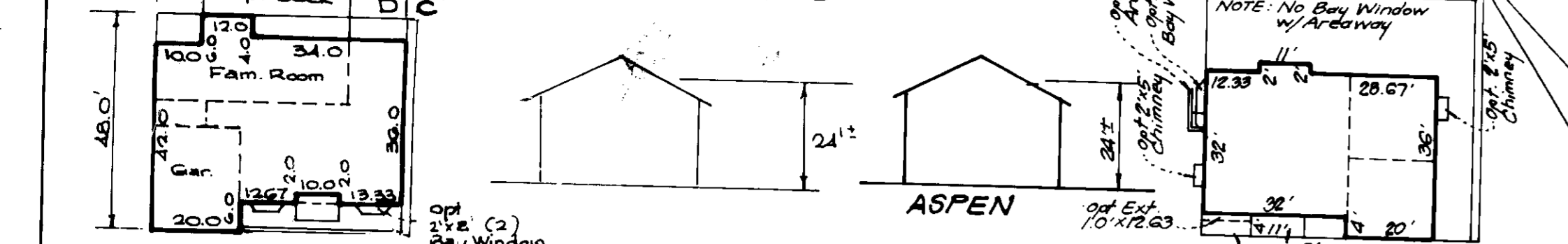


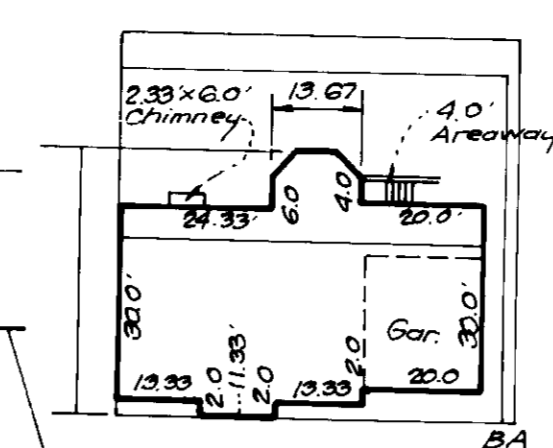
TYPICAL HOUSES
SCALE 1" = 30'



REVISIONS

No.	Description	Date
1	Add hse typicals Aspen & Fieldlark	5-10-94
2	Rev. hse of grad. lot 13	8-2-94
3	Add hse typical "L"	6-7-95
4	Rev. hse of grad. Lot 8; Add house type	7-20-95
5	Rev. hse of grad. Lot 12; Add house type	10-27-95
6	Rev. hse of grad. Lot 6 to show As-Built Conditions	6-14-96
7	Rev. grad. to reflect As-Built Conditions Lot 8	6-14-96
8	Rev. H&E: GPD ON LOT 12 (By F.C.C. INC)	5-22-97

FIELDLARK

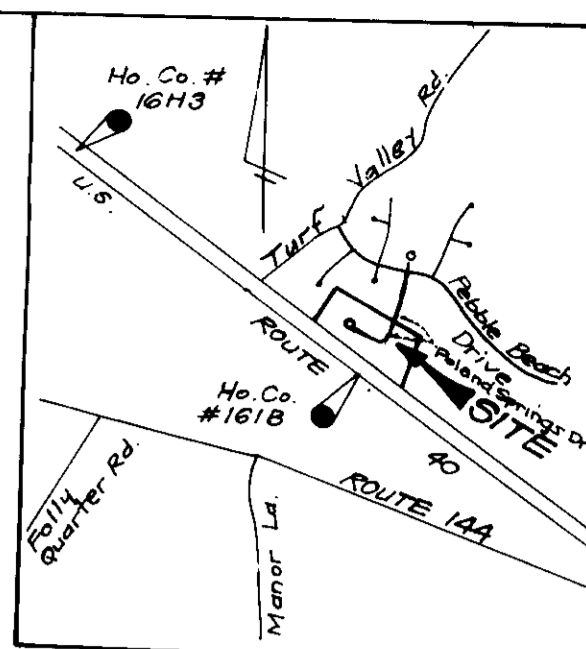


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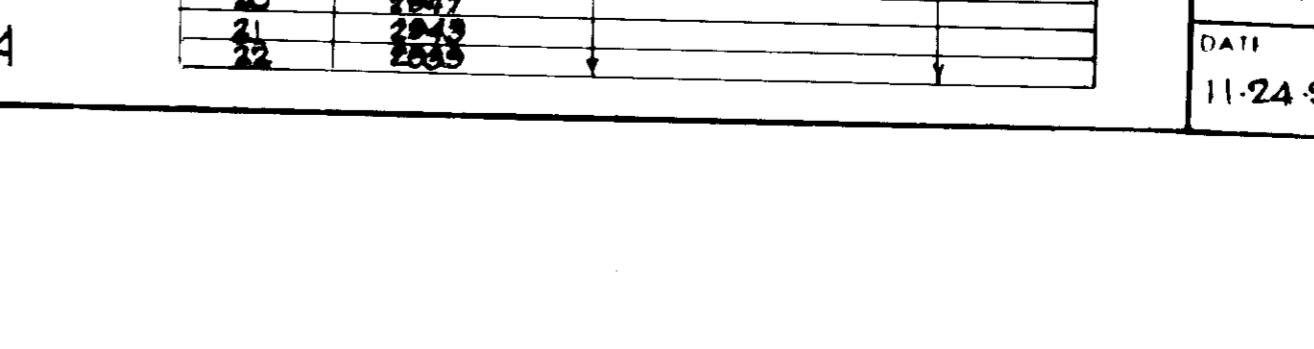
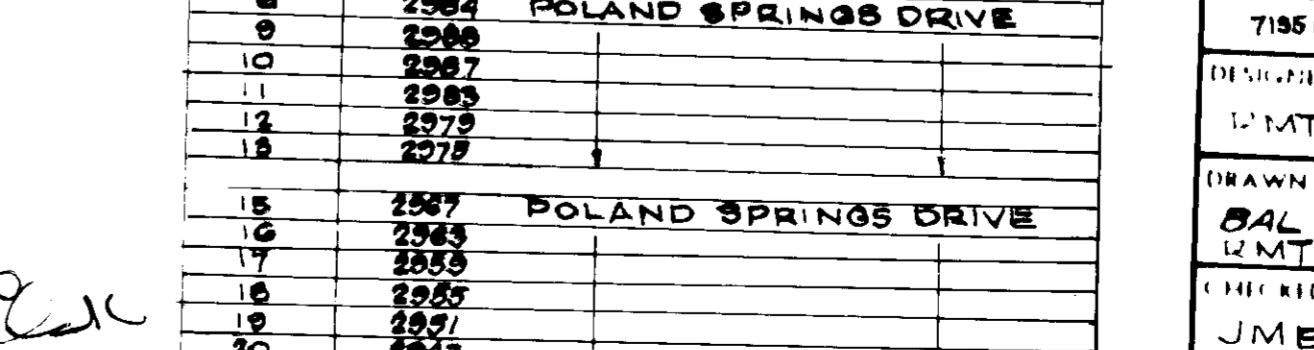
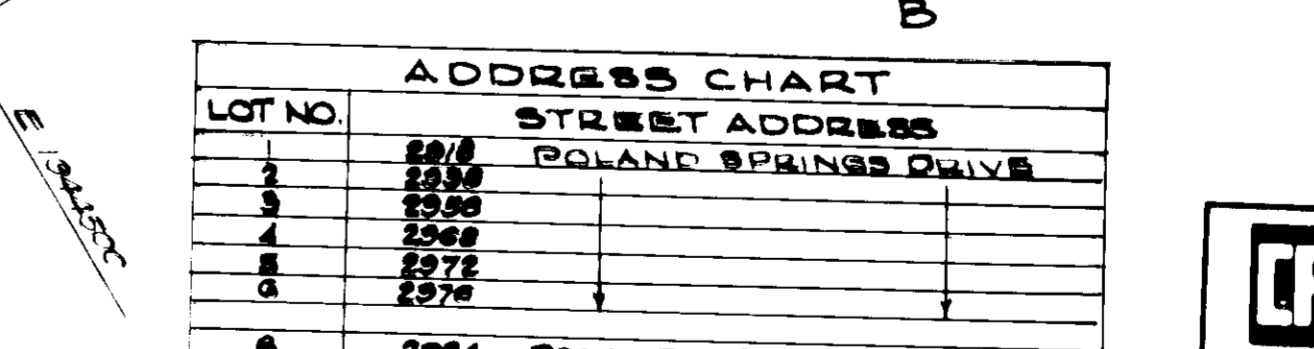
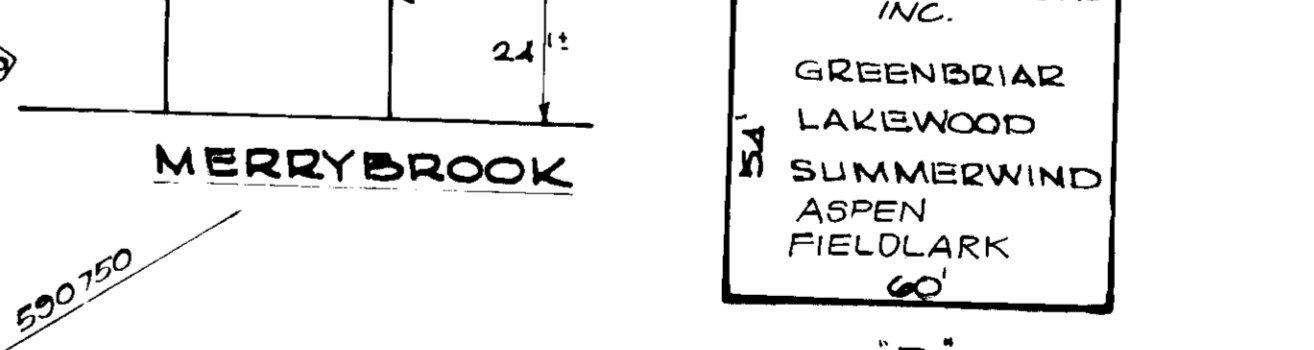
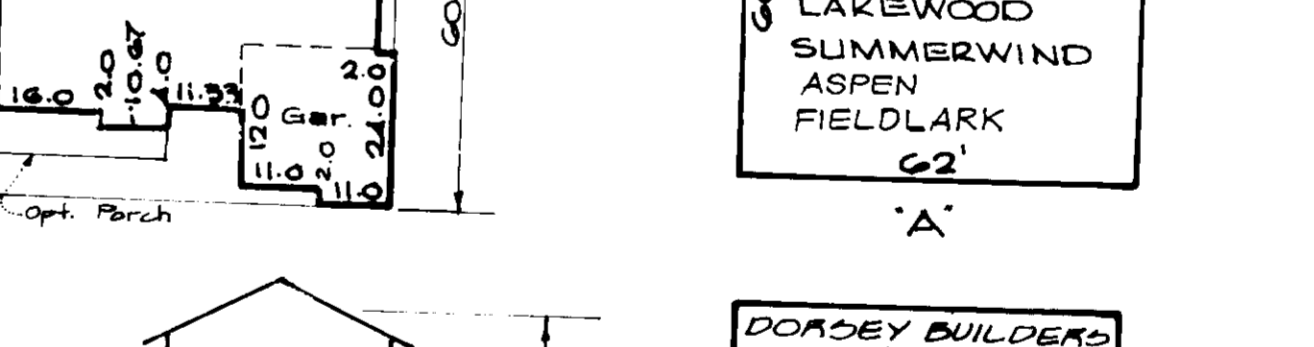
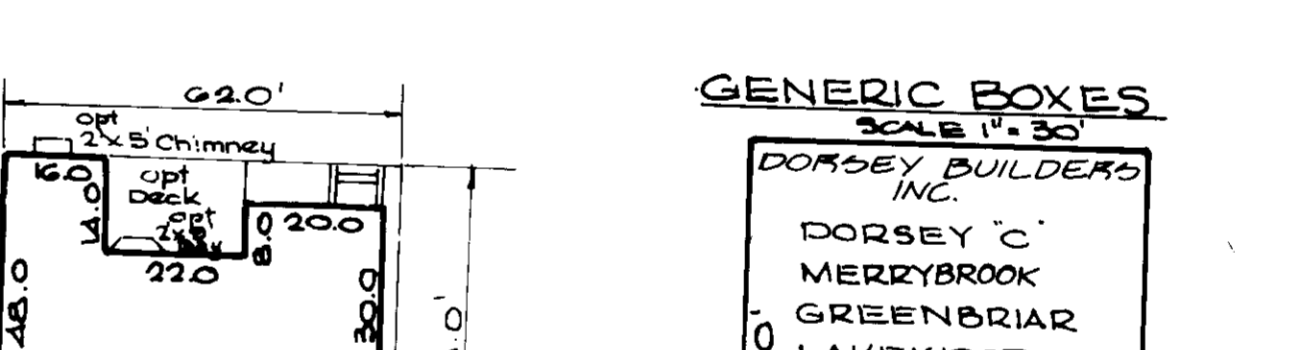
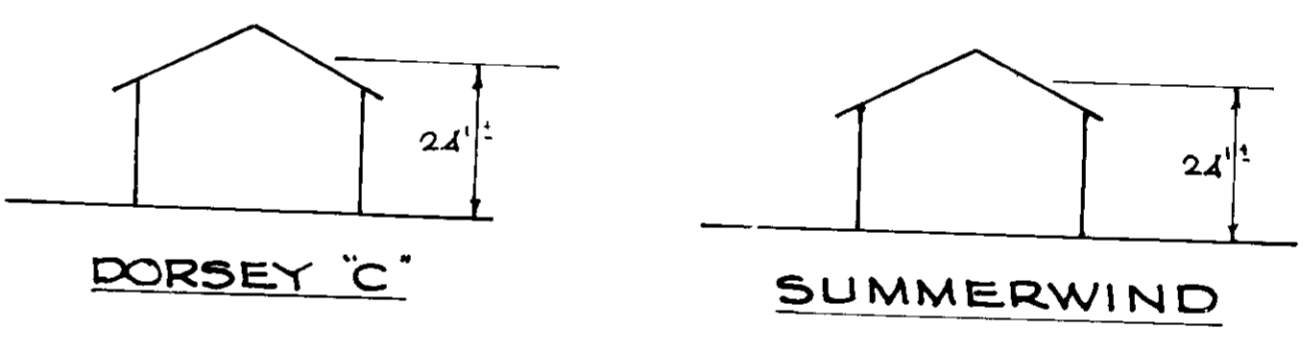
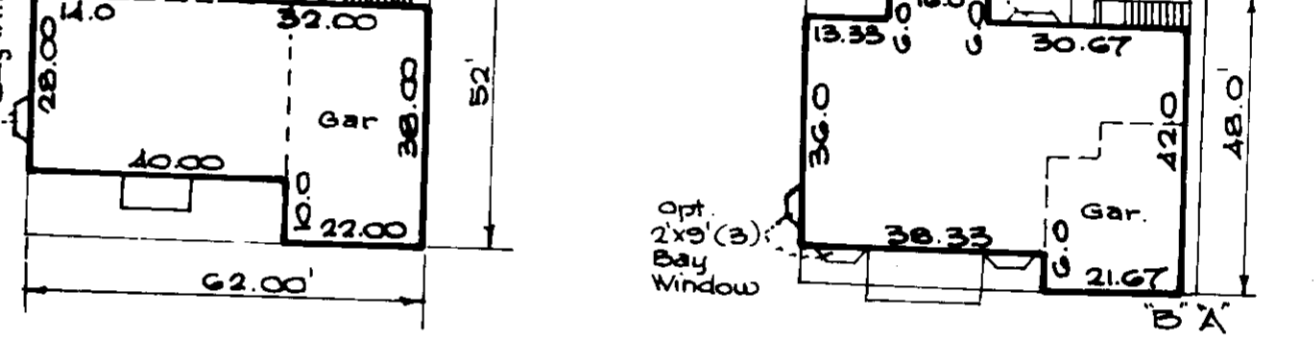
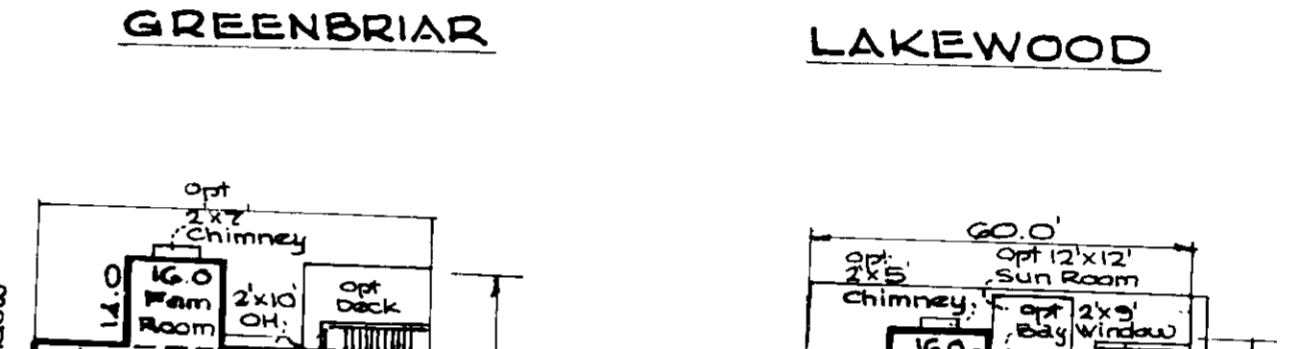
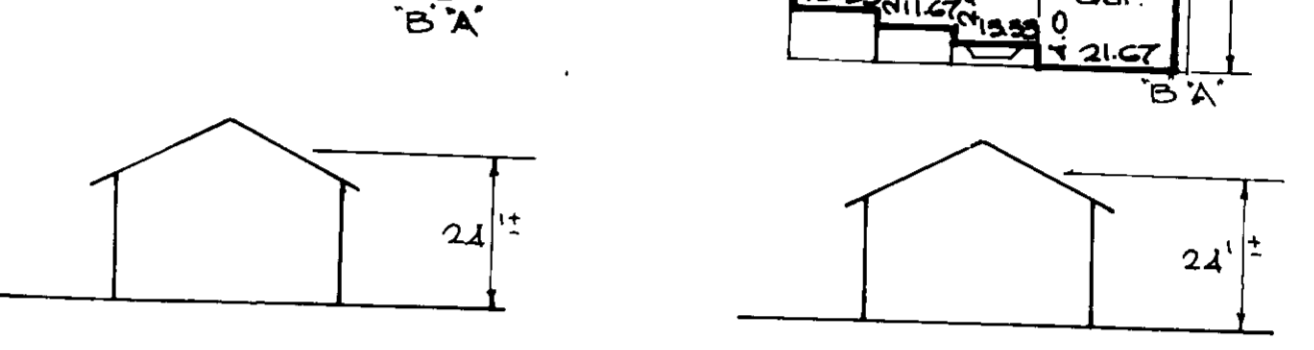
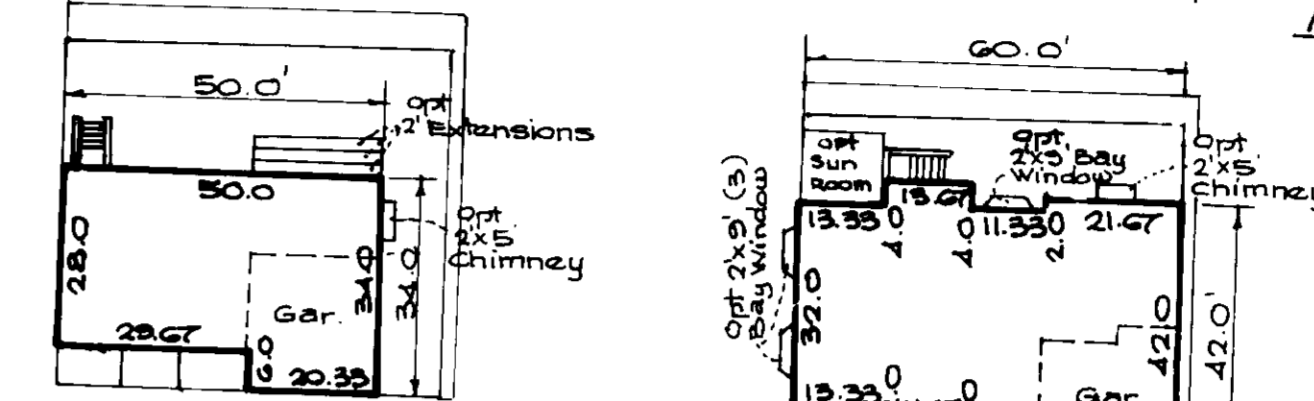
- Contour Interval 2 Ft
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Existing Trees to be saved
- Walkout Basement

BENCH MARKS (NAD 83)

NO. CO #	ELEVATION
HO CO #1183	ELEV. 470.831 (NAD 29)
CONCRETE & SURF 9" x 6" BOUND 25x25	
20' x 10' W. OF C. CONC. CHANNEL EXTENSION	
0.5 MILES E. OF MARRIOTTVILLE ROAD	
N 180566 336 B M E 408897 336 G M	
HO CO #1181 B	ELEV. 470.55 (NAD 29)
CONCRETE MONUMENT	
N 179577 2310 M E 408881 2316 G M	



TYPICAL HOUSES
SCALE 1" = 30'



CATONVILLE BUILDERS, INC.
DORSEY BUILDERS, INC.
TRINITY BUILDERS, INC.
YORKTOWN BUILDERS, INC.

Lots 1-3, 6, 16-18
Lots 8-15
Lots 5 & 10
Lots 4, 20-22

GENERAL NOTES:

- Subject property is zoned: R-20 per 10-18-90
- The total area included in this submission is: 328,374 sq ft or 7.54 Ac
- The total number of lots included in this submission are: 20
- Improvement to property: Single family detached
- Department of Planning and Zoning reference file numbers are: S-89-52, P-93-05, W/P 93-05, F-93-104
- Utilities shown as existing are taken from approved water and sewer plan Contract #24-3286-D, approved road construction plans F-93-104, and actual field survey.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- Storm water management is provided per: F-93-104
- All roadways are public and existing.
- The existing topography shown was taken from road construction plans F-93-104 prepared by TSA Group, Inc.
- 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. 1613 and 1618.
- The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at 4101 315-1870 at least five (5) working days 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.
- No clearing, grading or construction is permitted within the required wetlands stream buffer or forest conservation areas except as allowed by W/P 93-05, approved road construction plans F-93-104, and/or approved Water and Sewer Plans Contract #C-24-3286-D.
- For driveway entrance details refer to Howard County Design Manual Volume III std details R.G.03 & R.G.05
- Check sewer house connection elevations at the property line prior to construction.

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-93-104 and/or approved Water and Sewer Plans Contract #C-24-3286-D.

SHEET INDEX:

SHEETS 1 & 2 SITE DEVELOPMENT PLAN
SHEETS 3, 4 & 5 SEDIMENT & EROSION CONTROL PLAN

MINIMUM LOT SIZE CHART

LOT NO.	LOT AREA	FLAGSTEM AREA	MIN. LOT AREA
20	19,704 SF	3,704 SF	16,000 SF

SUBMISSION NAME

PLAN NO.	BLOCK NO.	ZONE	TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
11044-11046	16	R-20	16	2ND	6022

WATER CODE: H 07
SEWER CODE: 5092000

ADDRESS CHART

LOT NO.	STREET ADDRESS
1	2878 POLAND SPRINGS DRIVE
2	2880 POLAND SPRINGS DRIVE
3	2882 POLAND SPRINGS DRIVE
4	2884 POLAND SPRINGS DRIVE
5	2886 POLAND SPRINGS DRIVE
6	2888 POLAND SPRINGS DRIVE
7	2890 POLAND SPRINGS DRIVE
8	2892 POLAND SPRINGS DRIVE
9	2894 POLAND SPRINGS DRIVE
10	2896 POLAND SPRINGS DRIVE
11	2898 POLAND SPRINGS DRIVE
12	2900 POLAND SPRINGS DRIVE
13	2902 POLAND SPRINGS DRIVE
14	2904 POLAND SPRINGS DRIVE
15	2906 POLAND SPRINGS DRIVE
16	2908 POLAND SPRINGS DRIVE
17	2910 POLAND SPRINGS DRIVE
18	2912 POLAND SPRINGS DRIVE
19	2914 POLAND SPRINGS DRIVE
20	2916 POLAND SPRINGS DRIVE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS:
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 1/7/94

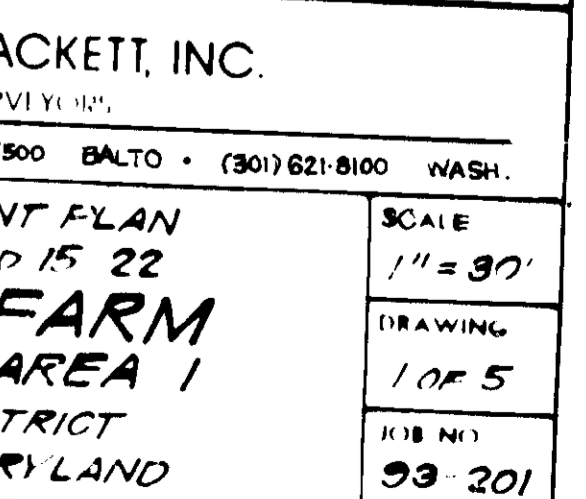
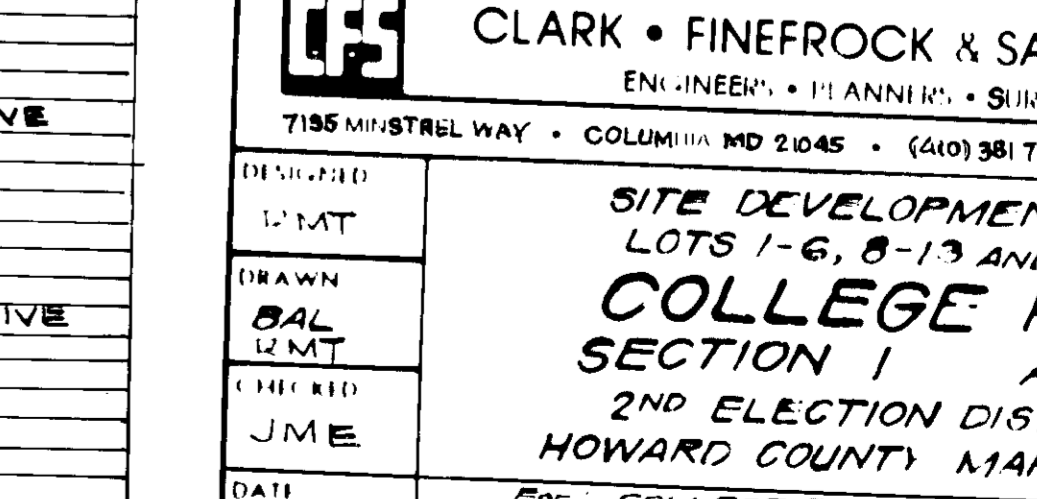
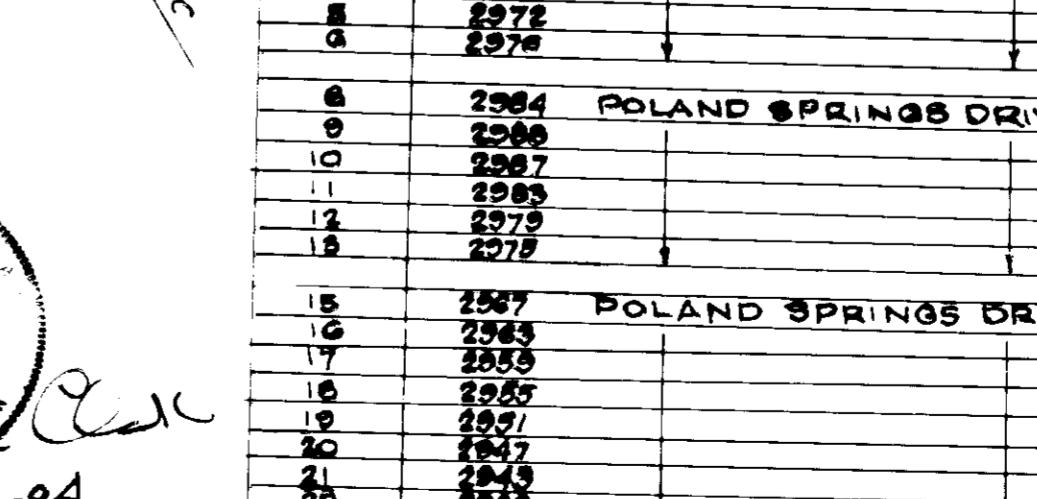
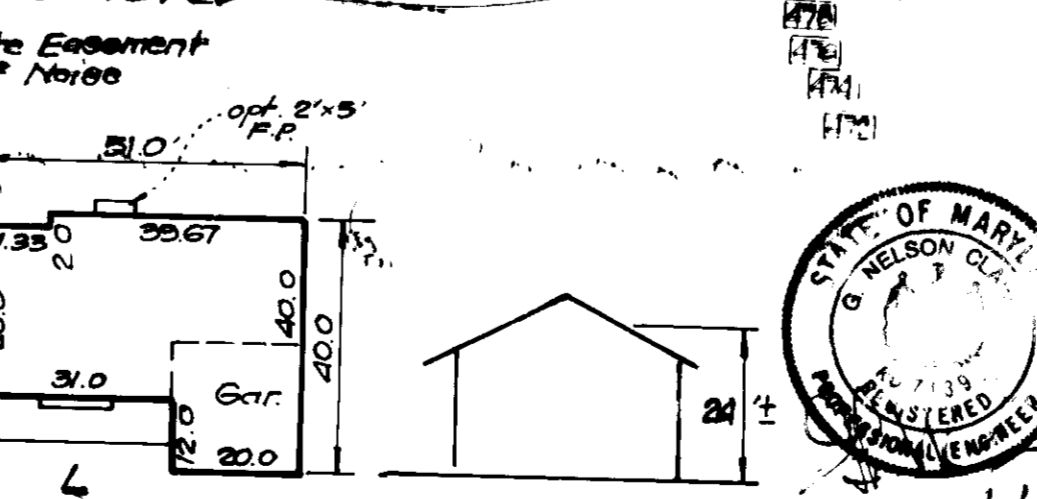
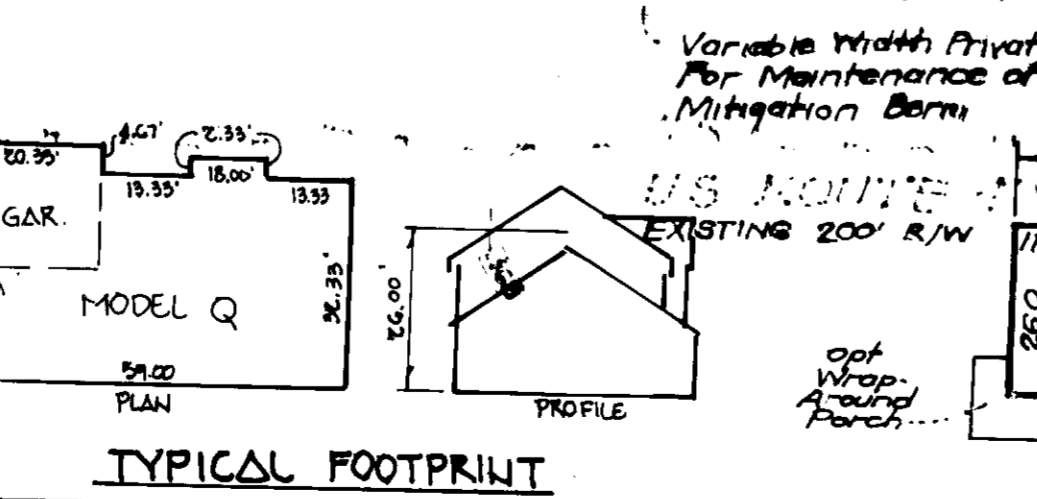
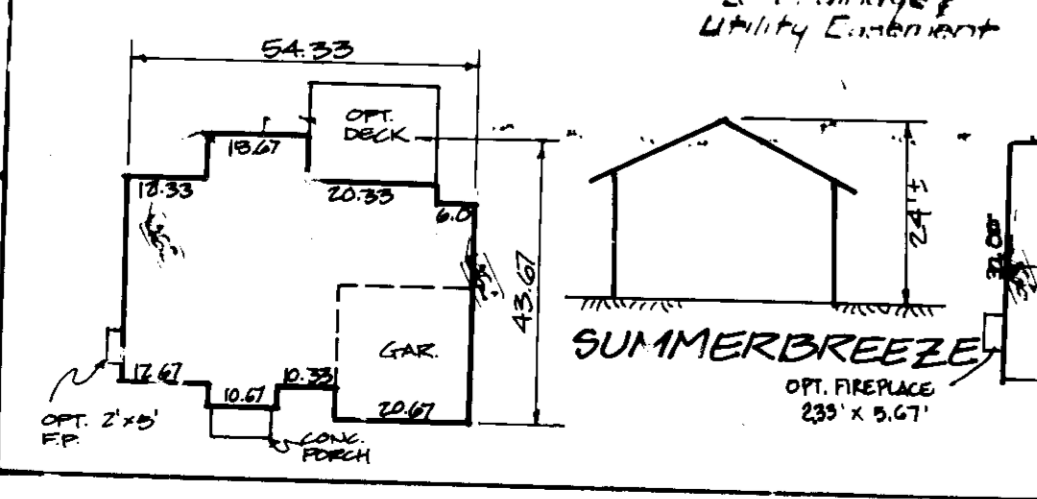
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DATE: 2/16/94

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS:
SECTION DRAINAGE SYSTEMS AND PUBLIC HEADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2/15/94

DATE: 2/12/04

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS:
SECTION DRAINAGE SYSTEMS AND PUBLIC HEADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2/12/04

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HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2/12/04

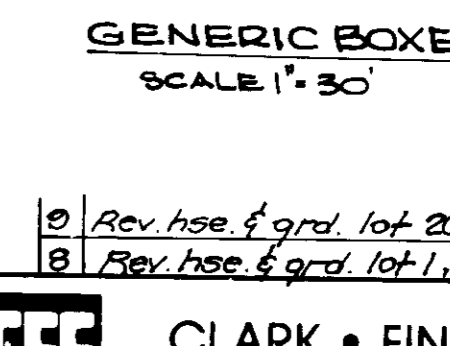
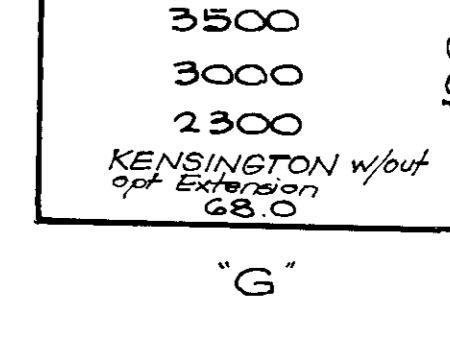
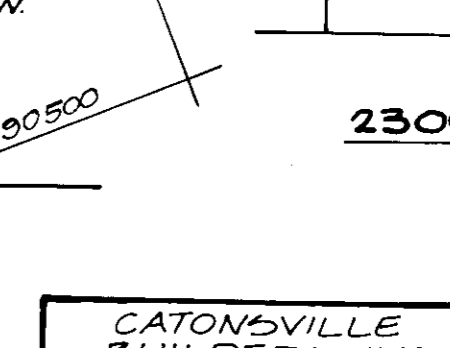
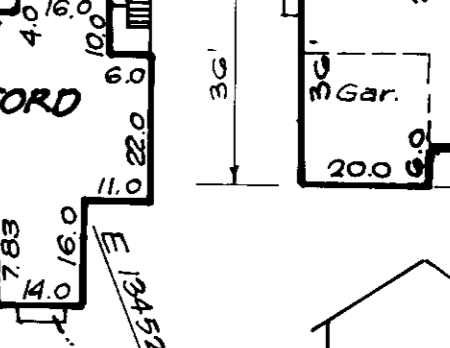
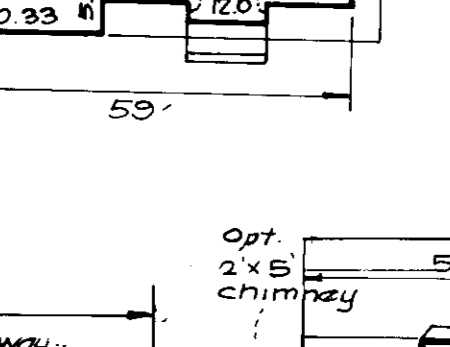
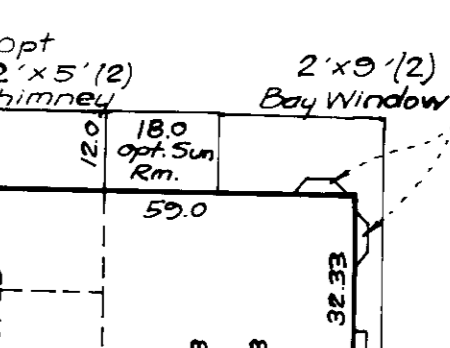
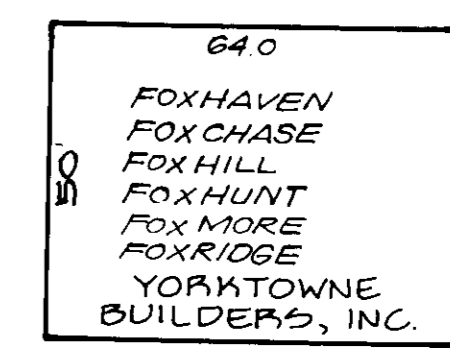
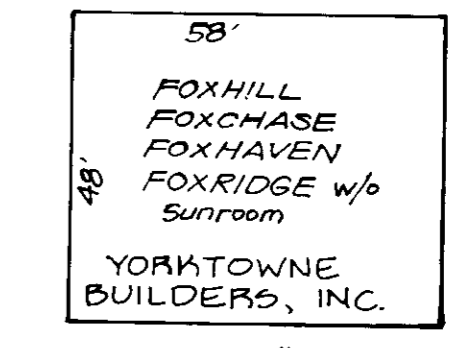
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HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2/12/04

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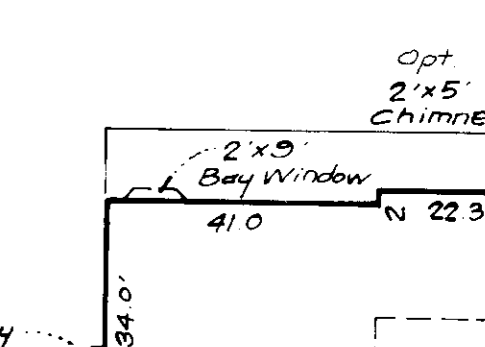
TURF VALLEY OVERLOOK
SECTION 2 AREA 2
ZONED R-20



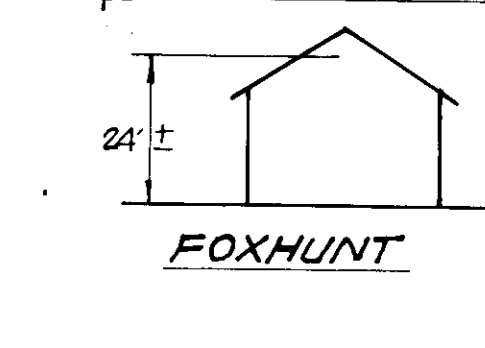
GENERIC BOXES
SCALE 1"=30'



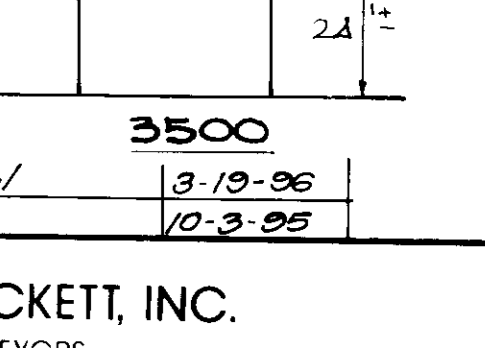
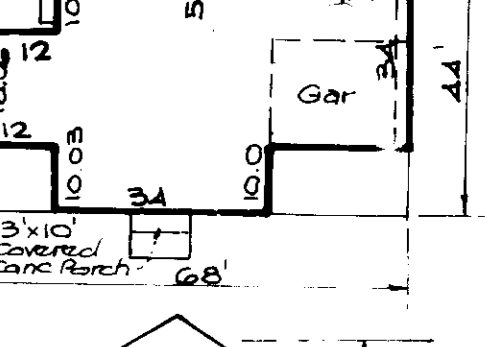
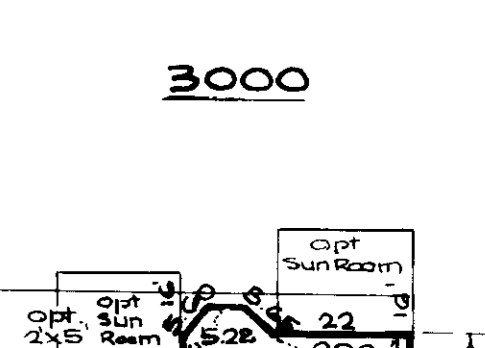
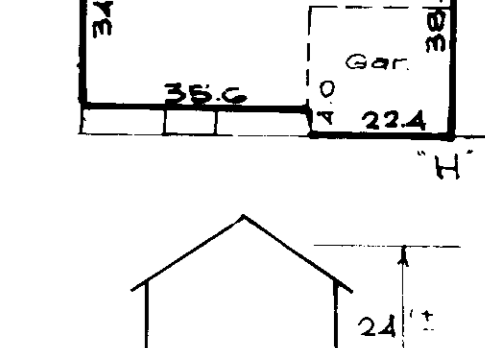
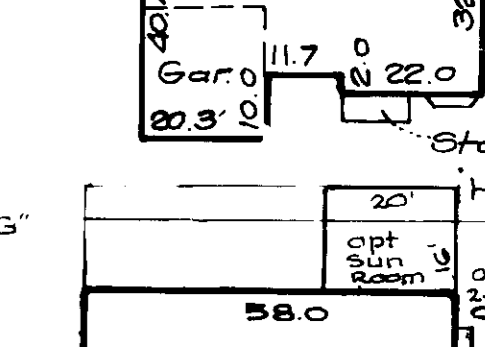
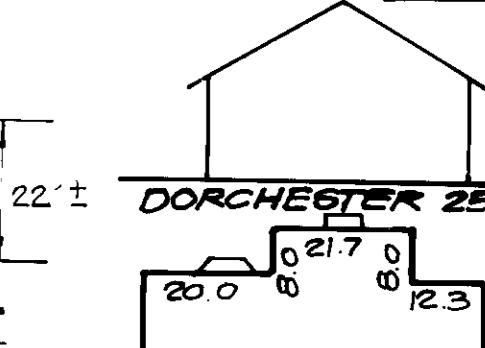
FOXCHASE



FOXHUNT



TYPICAL HOUSES
SCALE 1"=30'

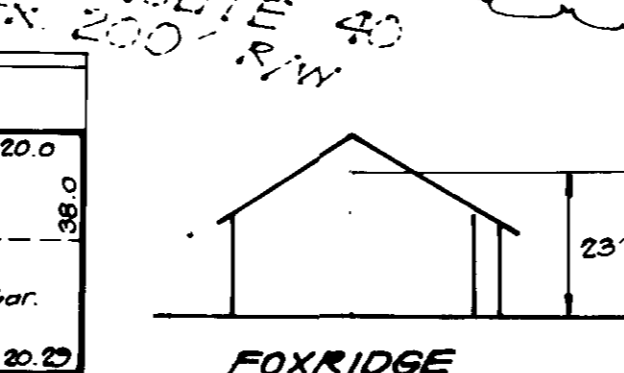
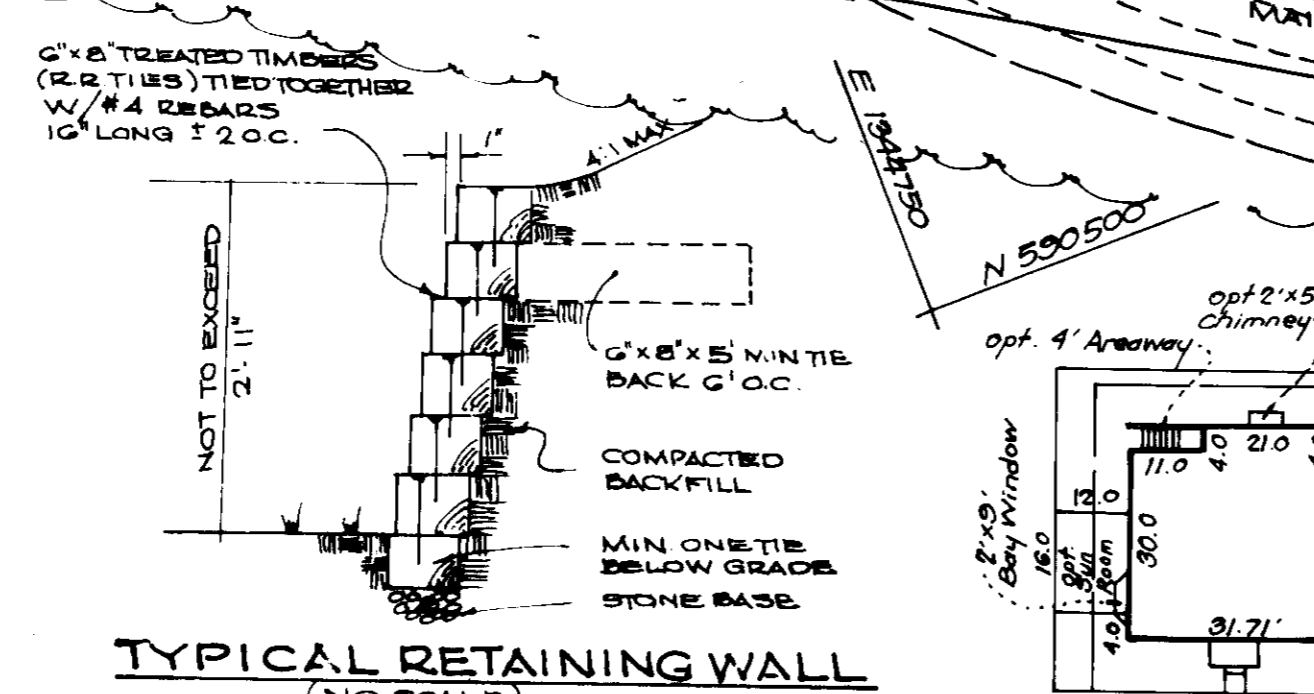
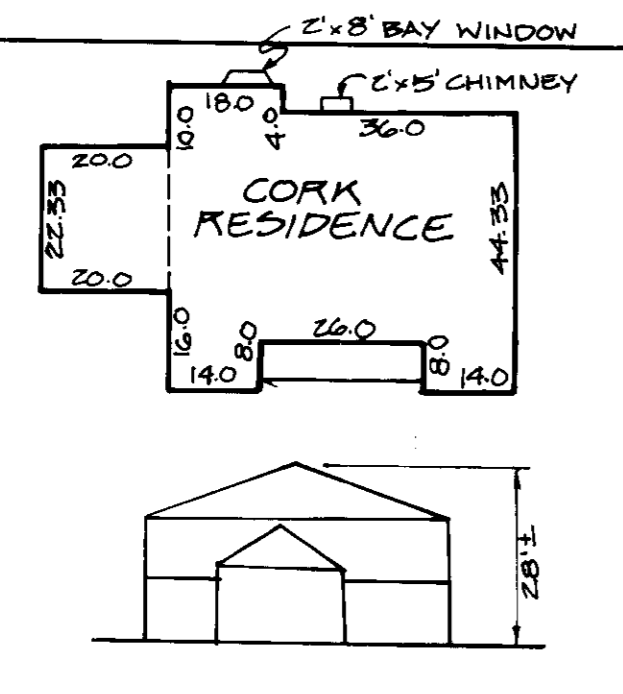


APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 2/7/94

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
DATE: 2/16/94

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 2/3/94

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
DATE: 2/2/94



NOTE: Any change in Noise Mitigation Wall Maintenance Easement shall be carried out at the Homeowner's Expense.

SEE P-101 SHEETS FOR LANDSCAPING DETAILS

Continued to Right

NO	REVISIONS	DATE
7	REV HSE 1 GRD LOT 14	7-13-95
6	REV HSE 1 GRD LOT 18	8-22-94
5	REV HSE 1 GRD LOT 23 Add House Typical	8-1-94
4	REV HSE 1 GRD LOT 27 Add House Typical	8-1-94
3	Add Kensington house typical to SOP	6-6-94
2	REV HSE TRAIL LOT 15	5-12-94
1	REV HSE AND GRADE LOT 4, ADD HSE TYPICAL	5-12-94

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

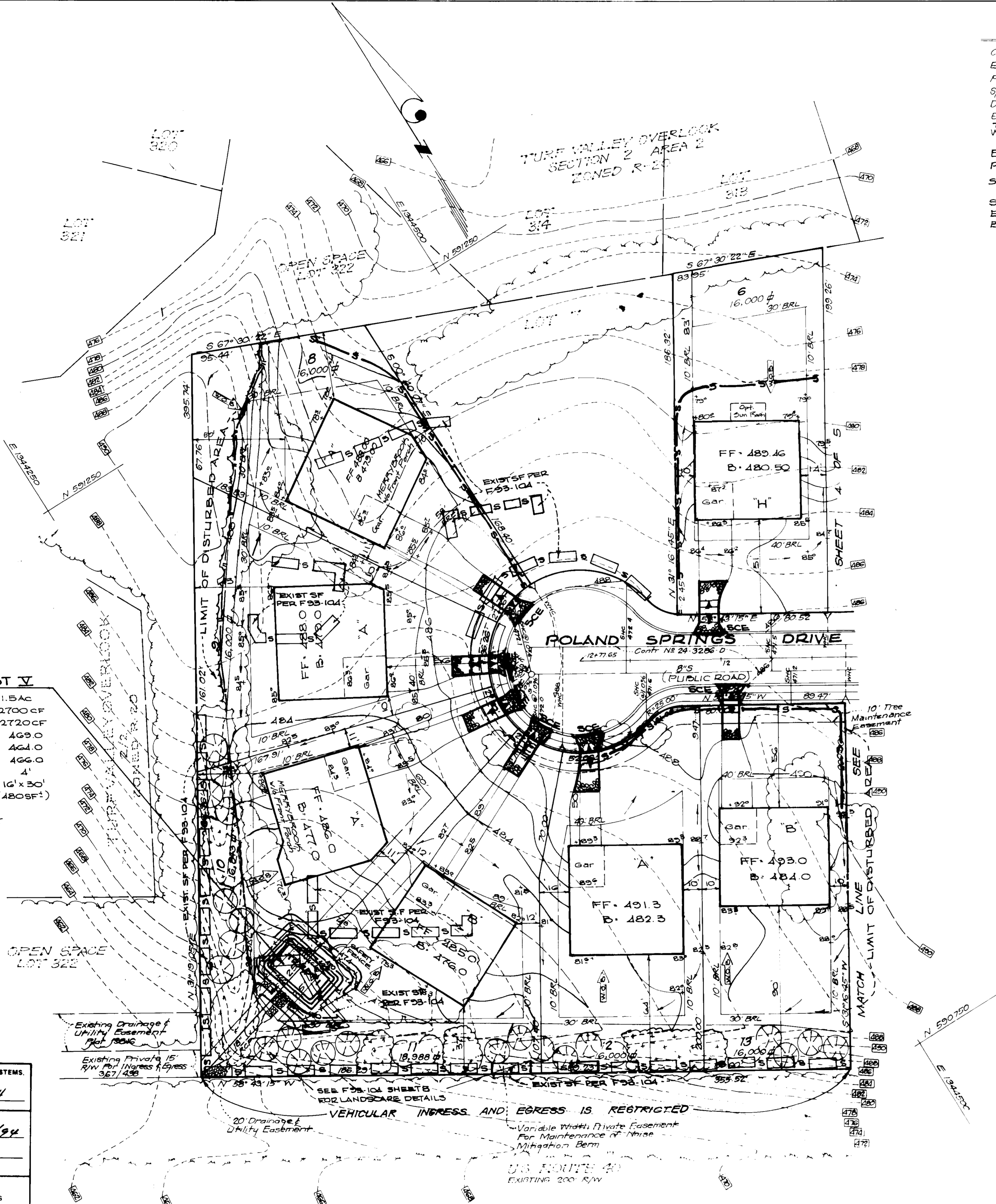
7135 MINNRELL WAY • COLUMBIA, MD 21045 • (410) 750-1500 • BALTO • (301) 621-8100 • WASH

SITE DEVELOPMENT PLAN
LOTS 1-6, 8-13 AND 15-22
COLLEGE FARM
SECTION 1 AREA 1
2ND ELECTION DISTRICT
HOWARD COUNTY MARYLAND

FOR: COLLEGE FARM CONSORTIUM
90 Darby Builders, Inc.
13030 Old Frederick Road
Sykesville, Maryland 21784

SCALE: 1"=30'
DRAWING: 2 OF 5
JOB NO: 93-201
FILE NO: 93-201X

DATE: 11-24-93

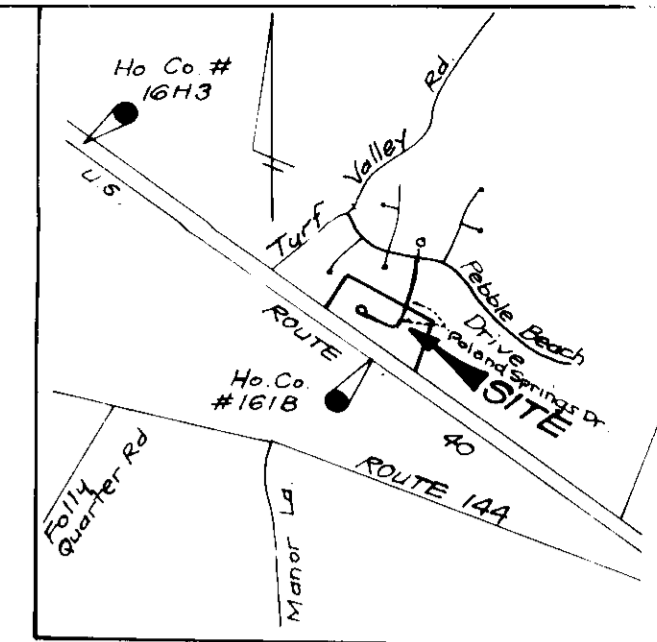


LEGEND

- Contour Interval 2 Ft
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Existing Trees to be saved
- Tree protection Fence
- Walkout Basement
- Existing Earth Dike
- Proposed Earth Dike
- Silt Fence
- Stabilized Construction Entrance w/ Mountable Berm

BENCH MARKS (NAD 83)

HO CO #1GH3	ELEV. 470.551 (NAD 23)
CONC MON @ SURF 2' - E BOUND RITE 40 20' - W OF C CONC CHANNEL EXTENDED 0.3 MILES E OF MAGDOOTSVILLE ROAD N 180566.338 M E 408897.3332 M	
HO CO #1G1B	ELEV. 470.53 (NAD 23)
CONCRETE MONUMENT N 179977.2310 M E 408881.2316 M	



TRAP N°1 SOST ST V

DRAINAGE AREA	1.5 AC
STORAGE REQ'D	2700 CF
STORAGE PROVIDED	2720 CF
TOP OF STONE CREST	469.0
BOTTOM ELEV.	464.0
CLEANOUT ELEV.	466.0
DEPTH	4'
BOTTOM DIMENSIONS	16' x 30' (180 SF)

L = 6'
1:1 SIDE SLOPES IN CUT

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."

Philip B. Wiley Signature
11-29-93 Date

Reviewed for HOWARD S.C.D.
Name: *Philip B. Wiley*
Signature: *Philip B. Wiley*
Date: 11-29-93
US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John R. Gatterson 4/26/94
Approved

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.

G. Nelson Clark Signature
11-26-93 Date



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James M. Boyd Director
DATE: 2/7/94

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
Joseph J. Smith Director
DATE: 2/16/94

CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH
John J. Summery Director
DATE: 2/15/94

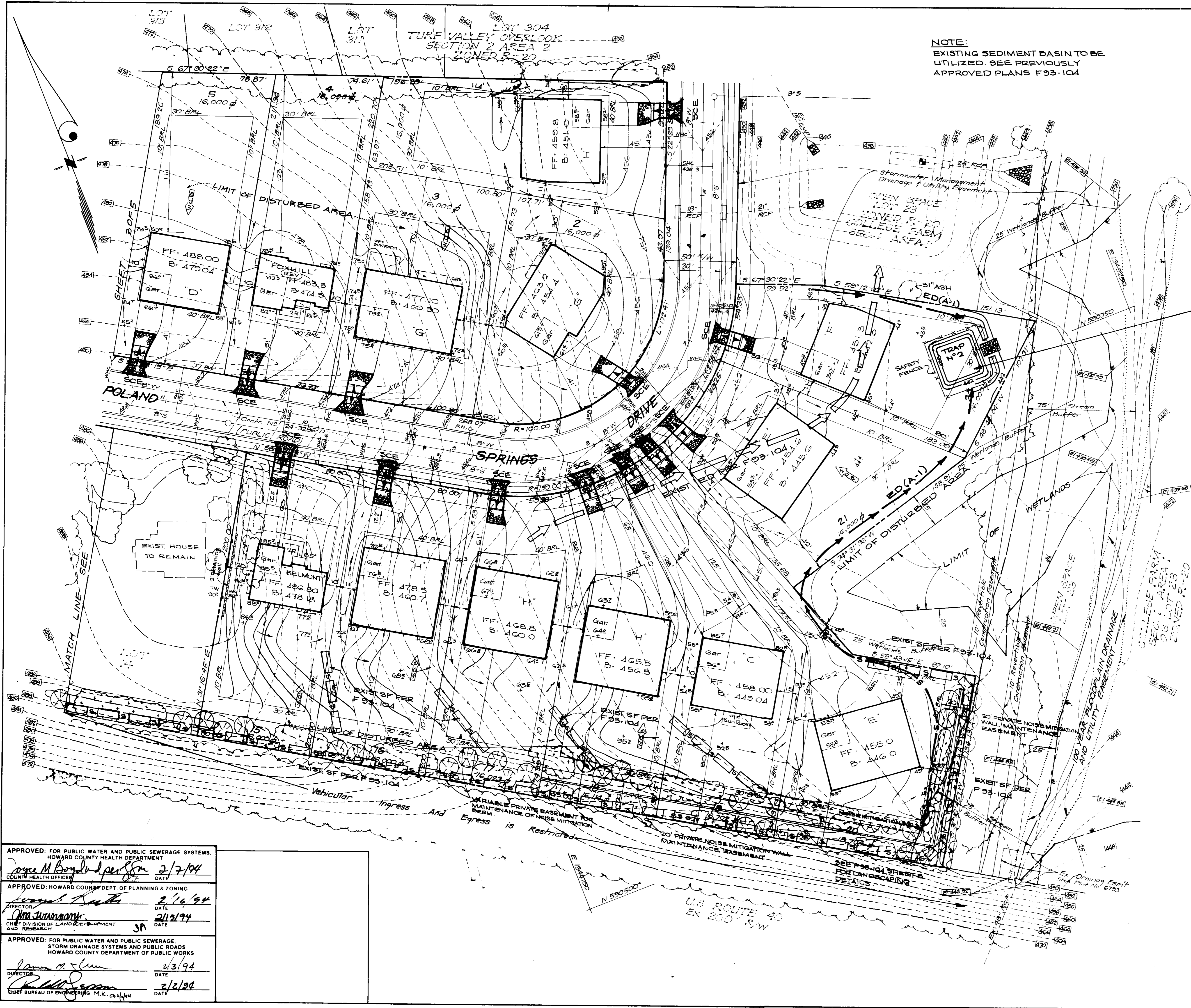
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Boyd Director
DATE: 2/3/94

CHIEF BUREAU OF ENGINEERING M.K. 0210M
Charles W. Johnson Director
DATE: 2/2/94

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINISTREL WAY • COLUMBIA MD 21045 • (410) 381-7900 BALTO • (301) 621-8100 - WASH

DESIGNED JLS	SEDIMENT & EROSION CONTROL PLAN LOTS 1-6, 8-13 AND 15-22	SCALE 1" = 30'
DRAWN BAL RMT	COLLEGE FARM SECTION 1 AREA 1	DRAWING 30 OF 5
CHECKED JLS	2ND ELECTION DISTRICT HOWARD COUNTY MARYLAND	JOB NO 93-201
DATE 11-24-93	FOR: COLLEGE FARM CONSORTIUM 15500 RIVERBANK RD SHEPHERD, MARYLAND 21784	FILE NO 93-20/5E

SDP 94-58



NOTE:
 EXISTING SEDIMENT BASIN TO BE UTILIZED. SEE PREVIOUSLY APPROVED PLANS F93-104

TRAP No 2 SOST ST V

DRAINAGE AREA	1.0 AC.
STORAGE REQUIRED	3420 CF
STORAGE PROVIDED	3480 CF
TOP OF STONE CREST	443.0
BOTTOM ELEV.	438.0
CLEANOUT ELEV.	440.0
DEPTH	4'
BOTTOM DIMENSIONS	25' x 26'

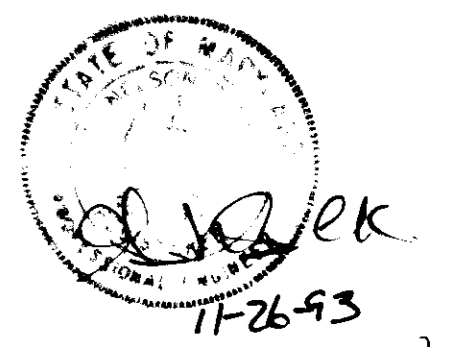
L = 8'
 1:1 SIDE SLOPES IN CUT

DEVELOPER'S/BUILDER'S CERTIFICATE
 "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: *Patty S. Gray* Date: 11-27-93

Reviewed for: HOWARD S.C.D.
 Name: *John R. Clanton*
 Signature: *John R. Clanton* Date: 1/26/94
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature: *John R. Clanton* Date: 1/26/94

ENGINEER'S CERTIFICATE
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 Signature: *G. Nelson Clark* Date: 11-26-93



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: *M. Boyd* Date: 2/7/94

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Director: *James H. Smith* Date: 2/16/94
 Chief Division of Land Development and Research: *Jim Suranovich* Date: 2/15/94

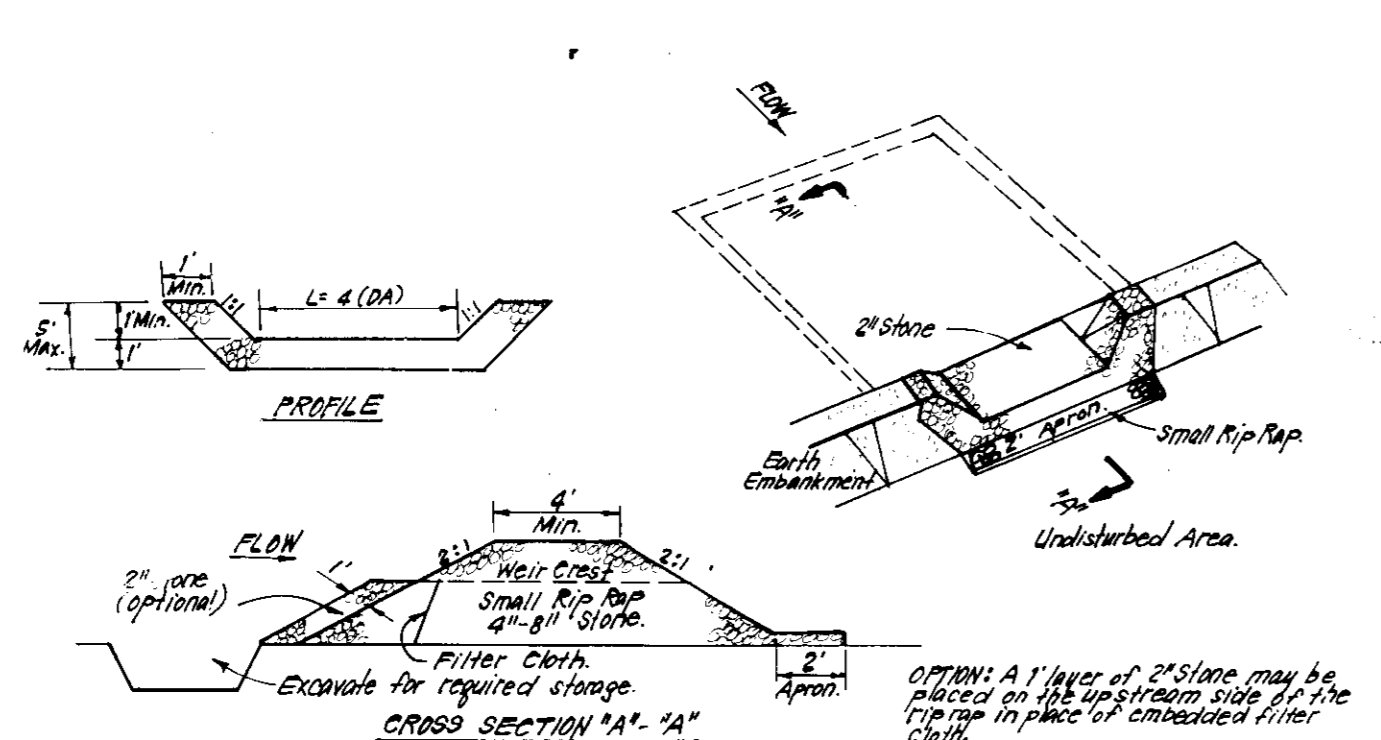
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *James M. Lewis* Date: 2/3/94
 Chief Bureau of Engineering: *M.K. O'Hara* Date: 2/2/94

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 715 MINISTERS WAY • COLUMBIA, MD. 21046 • 410 987-7000 • BALTO • CHD, CHER, WASH

DESIGNED	JLS	SEDIMENT & EROSION CONTROL PLAN	SCALE	1" = 30'
DRAWN	RMT	LOTS 1-6, 8-13 AND 15 - 22	DRAWING	4 OF 5
CHECKED	JLS	COLLEGE FARM	JOB NO	93-201
DATE	11-24-93	SECTION 1 AREA 1	FILE NO	93-201SE

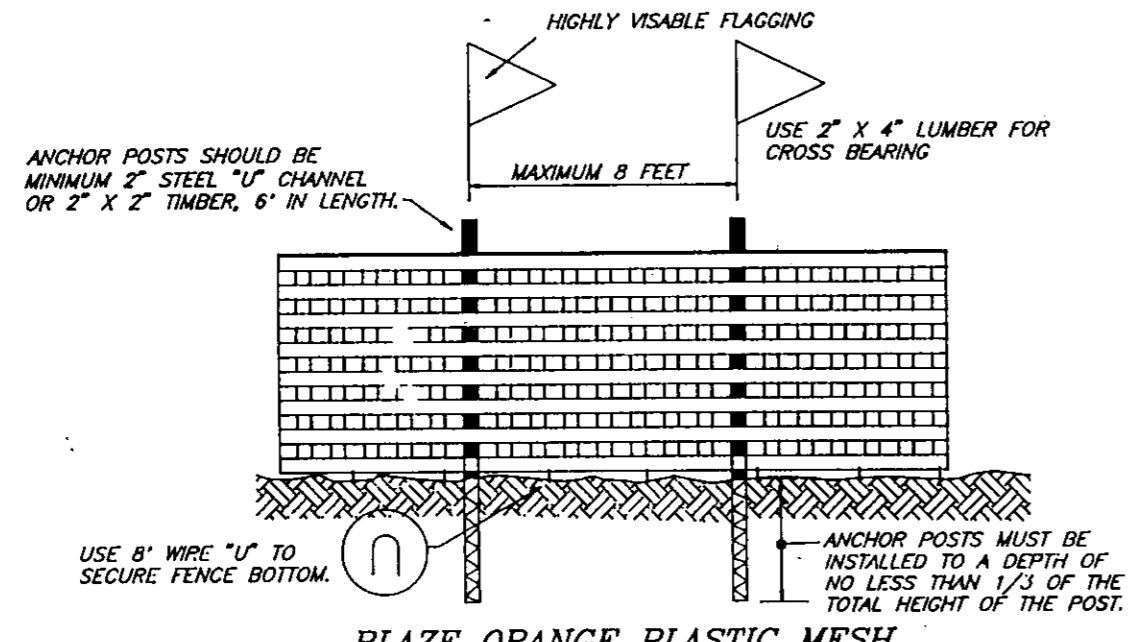
FOR: COLLEGE FARM CONSORTIUM
 90 Dowsley Builders, Inc.
 1900 Old Frederick Road
 Sykesville, Maryland 21784

SDP 94-58



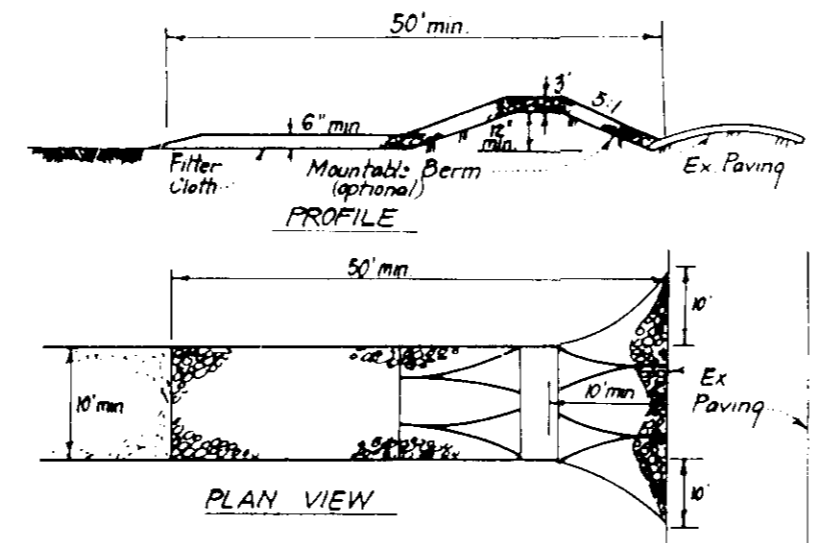
- CONSTRUCTION SPECIFICATIONS:**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The root area shall be cleared.
 - The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - All cut and fill slopes shall be 3:1 at a minimum.
 - The stone used in the outlet shall be small rip rap 4"-8" with 1" thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth in the rip rap.
 - Sediment shall be trapped and disposed in its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.S.T.) ST.V.
NO SCALE



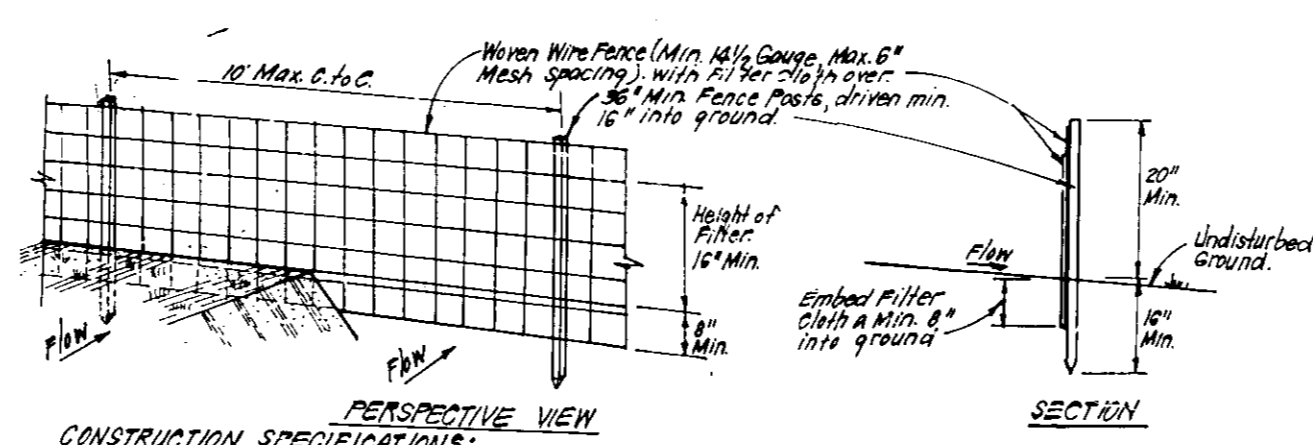
TYPICAL TREE PROTECTION FENCE DETAIL
NO SCALE

- NOTES:**
- Forest protection device only.
 - Retention area will be set as part of the review process.
 - Boundaries of retention area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protection signage may also be used.
 - Device should be maintained throughout construction.



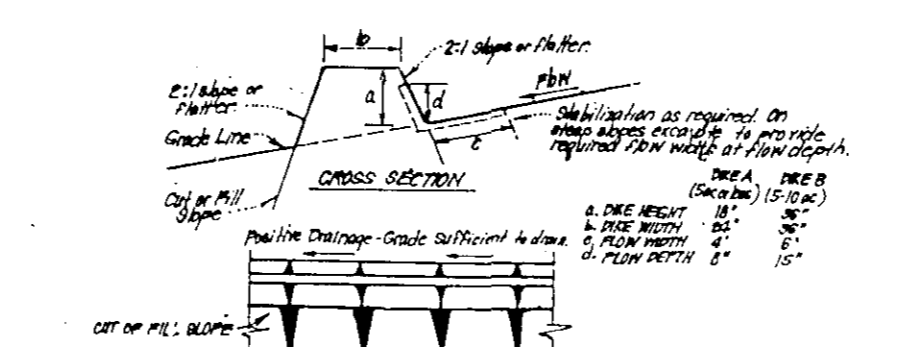
- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone or equivalent in recycled concrete equipment.
 - Length - As required, but not less than 50' feet (except on a simple residence of where a 30' foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) feet minimum, but not less than the full width of points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to topdressing of stone. Filter will not be required on a simple residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mounded berm with 5:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment collected, trapped, mounded or tracked onto public rights-of-way must be removed immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire ties at 4' intervals.
 - Filter cloth to be fastened securely to woven wire fence with 2" x 2" spaced every 2' at top and mid section.
 - When 2 sections of filter cloth join each other they shall be overlapped by 6" and "Z" fastened.
 - Maintenance shall be provided as needed and material removed when "blow" develops in silt fence.

SILT FENCE DETAIL (S)
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- All dikes shall be constructed by earth-moving equipment.
 - All dikes shall have a minimum slope of 3:1 on both sides.
 - The width may be wider and side slopes may be flatter if desired to facilitate clearing by construction trucks.
 - Final location should be indicated as needed to utilize a stabilized silt mat.
 - Each dike shall be topped with a minimum of 6" of stone. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sedimentation pond.
 - Each dike shall be inspected after each rain and repairs made as needed.
 - Each dike shall be 18" in accordance with standard specifications for silt and straw dikes or straw mats if not in existing season. (See flow chart as per chart below).

EARTH DIKE DETAIL (E.D.)
NO SCALE

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:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq ft.) before seeding, and 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.) at the time of 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.)
- 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 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 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 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 (9 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 bushel 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 (0.7 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 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 (9 gal/1000 sq ft) for anchoring.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MANUAL FOR 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

SEDIMENT AND EROSION 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. (313-1852).
- 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. I, 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) and 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.
- 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:	7,528 AC
Area Disturbed:	6,500 AC
Area to be rooted or paved:	1,825 AC
Area to be vegetatively stabilized:	4,675 AC
Total Cut:	1670 CY
Total Fill:	1810 CY
Off-site Waste/Borrow Area Location:	

- 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 = **785 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 it's grading permit number at the time of construction.

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 Specs. and Specs.	14
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize	7

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

James M. Boppre 2/7/94
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

John S. Stumm 2/16/94
DIRECTOR DATE

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

James J. Stumm 2/3/94
DIRECTOR DATE

William J. Stumm 2/2/94
CHIEF BUREAU OF ENGINEERING M.K. DATE

Reviewed for HOWARD COUNTY S.C.D. Name

Rita S. S. S. 2/25/94
Signature Date

US Soil Conservation Service

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John R. S. S. 2/25/94
Approved

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Phillip D. S. 11-29-93
Signature Date

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G. Nelson Clark 11-29-93
Signature Date

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ENGINEERS • PLANNERS • SURVEYORS

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DESIGNED: JLS
DRAWN: RMT
CHECKED: JLS
DATE: 11-24-93

SCALE: 1"=30'
DRAWING: 50F5
JOB NO: 93-201
FILE NO: 93-20/5E

FOR: COLLEGE FARM CONDOMINIUM
By: Darsey Builders, Inc.
15010 Old Frederick Road
Sukeyville, Maryland 21784

SDP 94-58