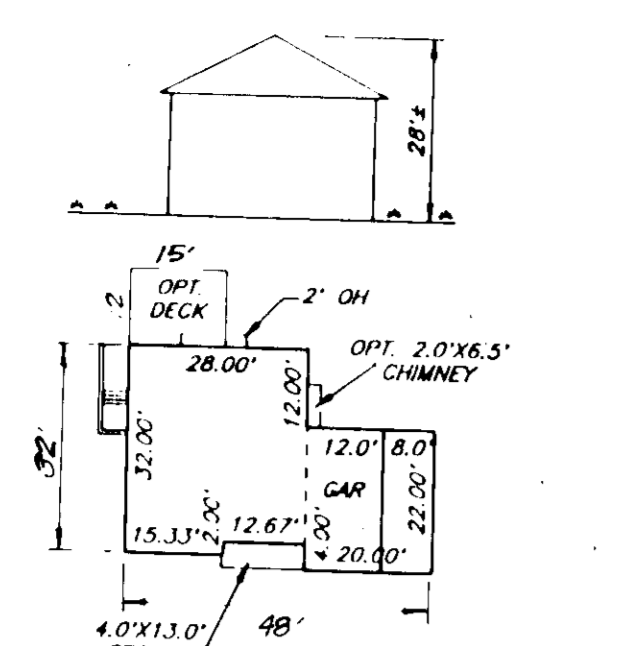
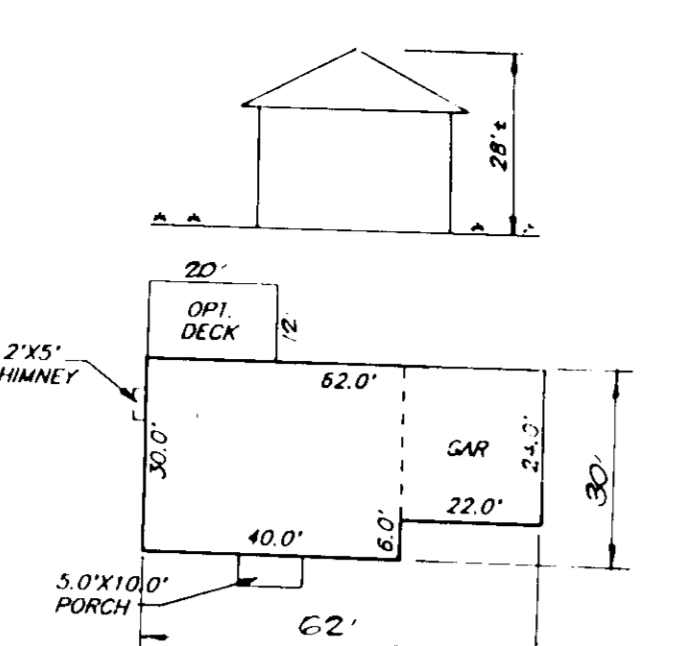


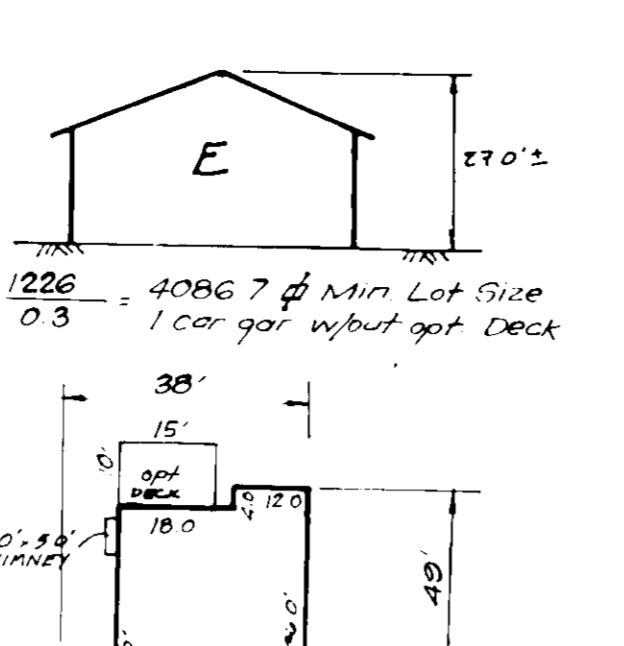
"A"/"I"
 2040 SF = 6,800 SF
 0.3 MIN. LOT SIZE
 W/2 car gar
 1537 = 5,100 # Min Lot Size w/1 car gar



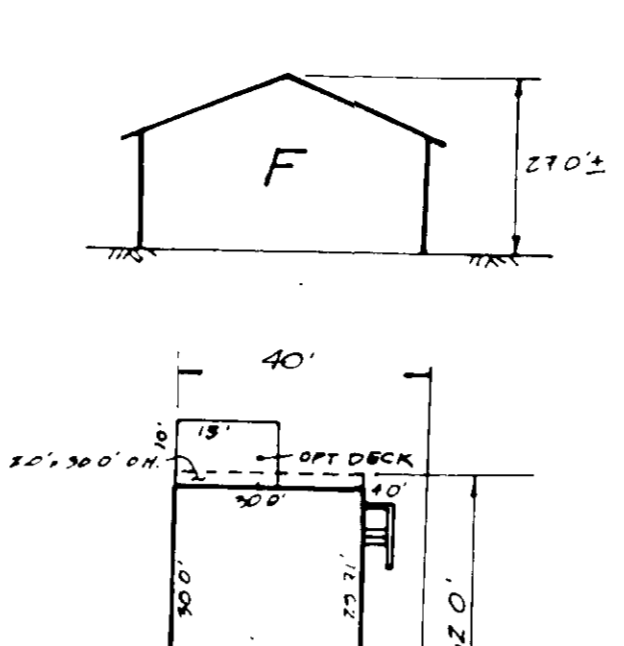
"B"/"J"
 1612 SF = 5,373.33 SF
 0.3 MIN. LOT SIZE
 W/2 car gar
 1361.3 = 4,537.8 # Min Lot Size w/1 car gar



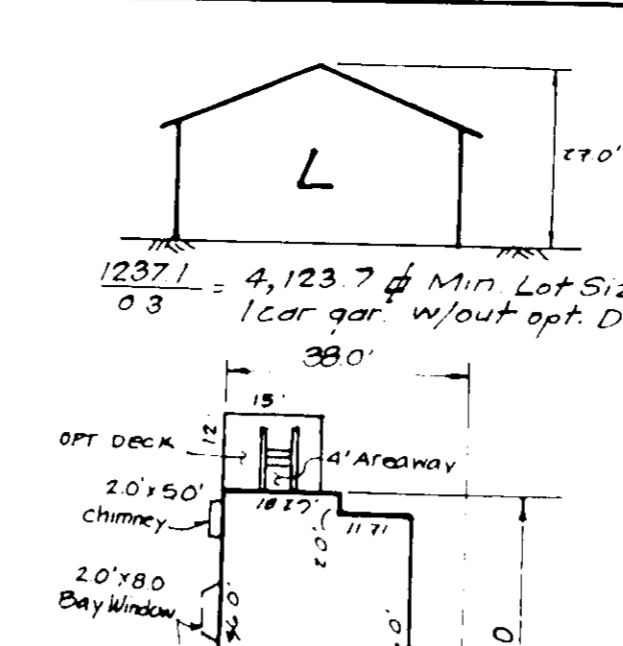
"D"/"K"
 2032 SF = 6,733.33 SF
 0.3 MIN. LOT SIZE



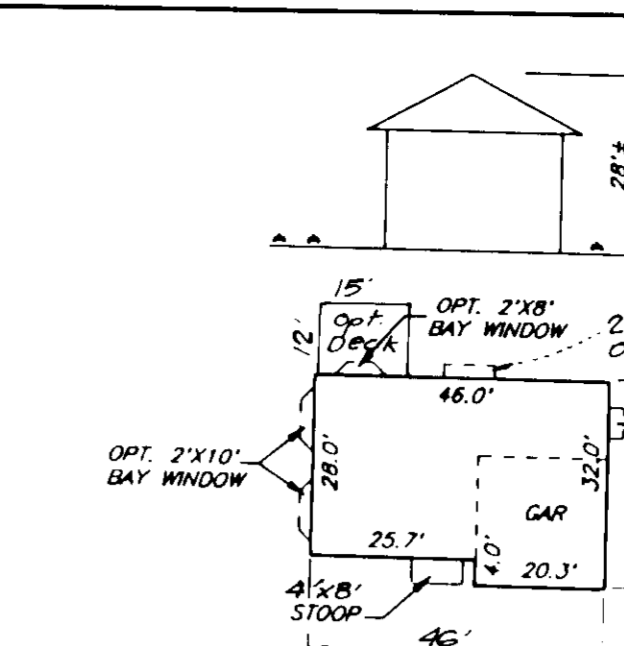
E
 1226 = 4086.7 # Min Lot Size
 0.3 1 car gar w/out opt Deck



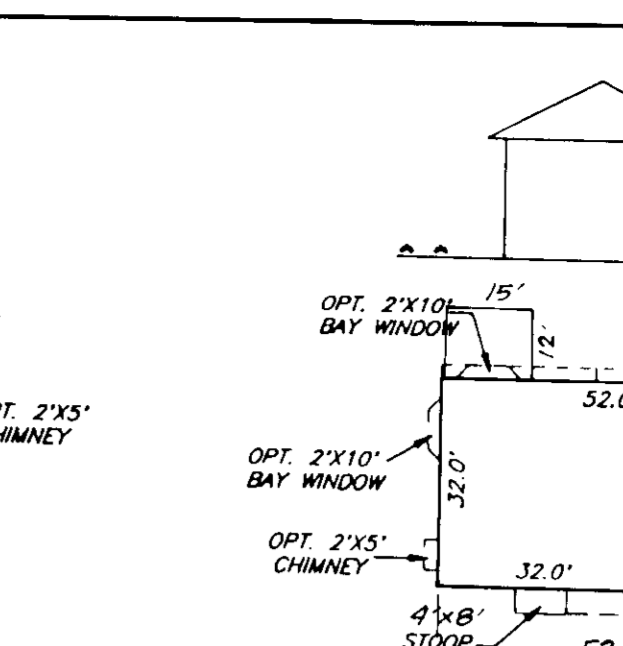
F
 1538.8 = 5312.8 # Min Lot Size w/2 car garage



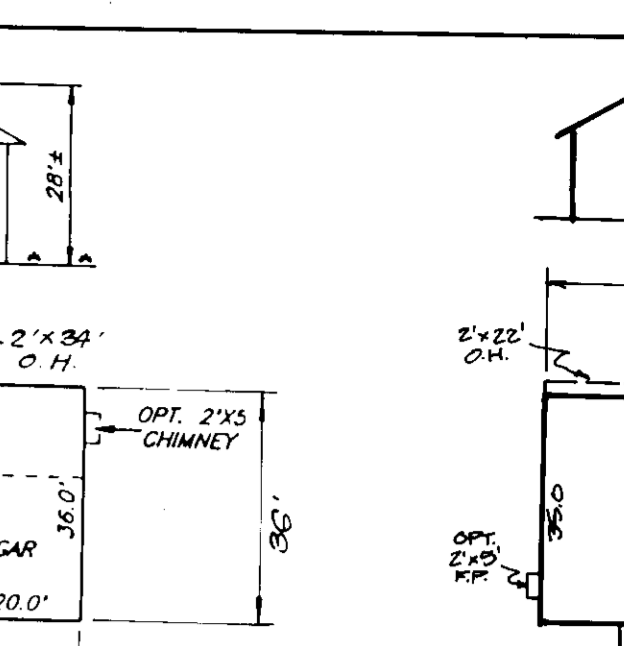
L
 1237.1 = 4,123.7 # Min Lot Size
 0.3 1 car gar w/out opt Deck



N
 1607.2 = 5,357.33 # Min Lot Size w/11 options
 0.3
 1427.2 = 4,753.33 # Min Lot Size w/out opt Deck



O
 2,044.0 = 6,813.33 # Min Lot Size w/11 options
 0.3
 1864 = 6,213.33 # Min Lot Size w/out opt Deck

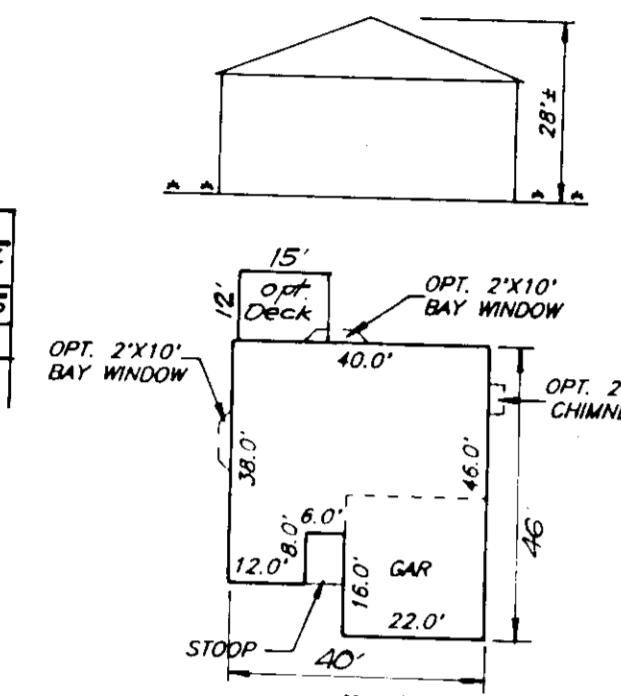


Y
 1638.0 = 5,460.0 # Min Lot Size w/11 options
 0.3

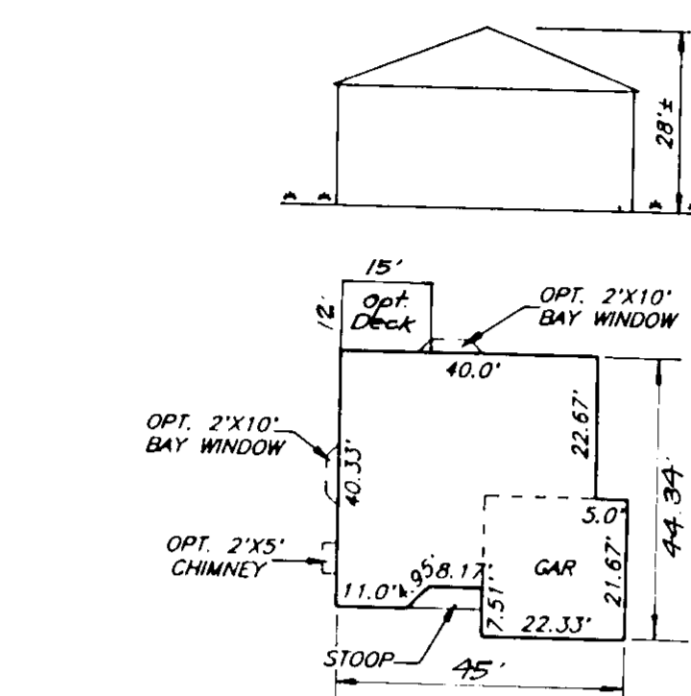
TYPICAL HOUSES

NOTE: All units have 1" roof eaves front & rear

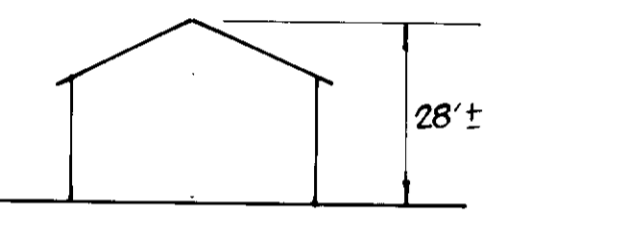
NO	REVISIONS	Date
1	Rev. hse. f. g. r. lot 103	7-26-94
2	Add B-2 hse. type	4-13-95
3	Rev. hse. f. g. r. lot 102, Add hse. typ.	8-14-95



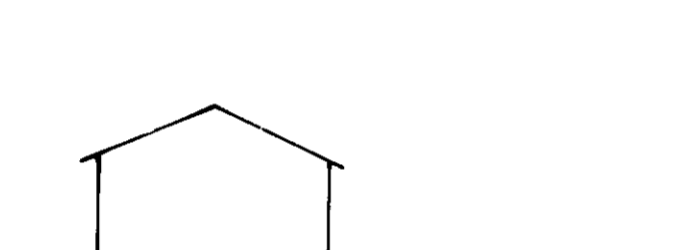
"Q"
 1816 SF = 6,053.33 SF
 0.3 MIN. LOT SIZE w/o opt Deck
 1876 = 6,253.33 # SF Min. Lot Size



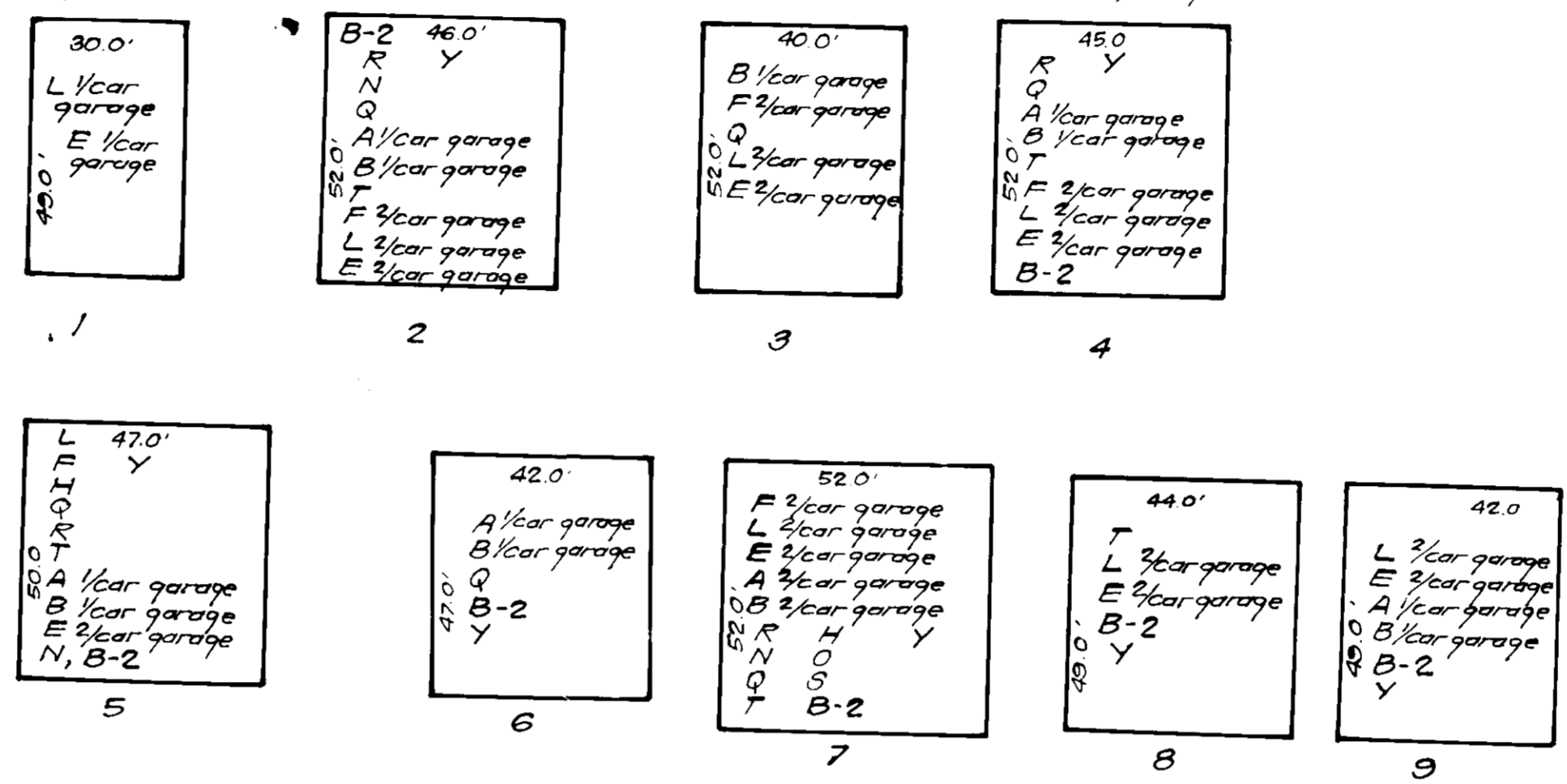
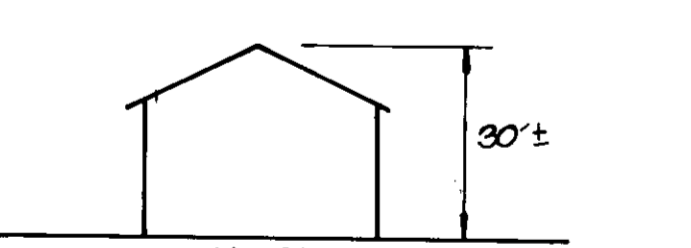
"R"
 1900.0 SF = 6,500.0 # SF
 0.3 MIN. LOT SIZE w/11 options
 1790.87 = 5,969.57 # Min Lot Size w/out opt Deck



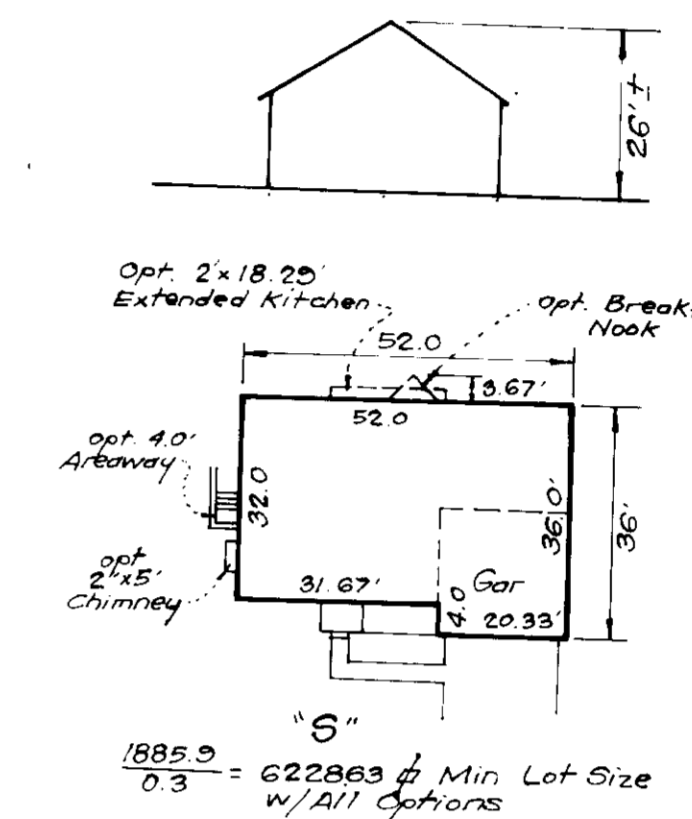
H
 1871.5 = 6,238.3 # Min Lot Size w/11 options
 1671.5 = 5,571.67 # Min Lot Size w/o Opt Deck



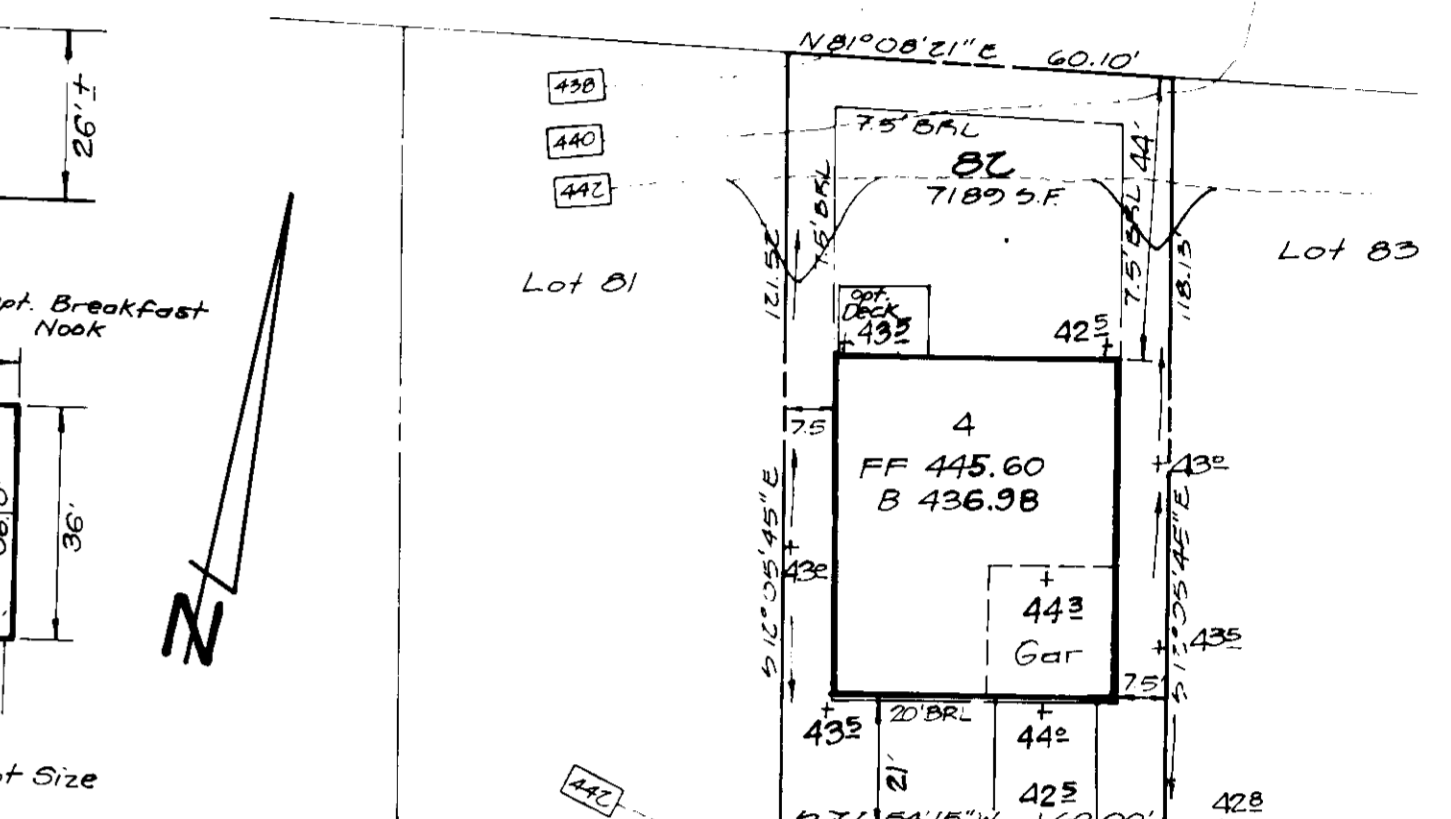
T
 1647.5 = 5451.7 # Min Lot Size w/11 options
 1467.5 = 4891.67 # Min Lot Size w/out opt Deck



GENERIC HOUSE TYPES



"S"
 1885.0 = 6,228.33 # Min Lot Size w/11 options



FF 445.60
 B 436.98

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 12/29/93

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR: *[Signature]* DATE: 1/30/94

CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH
 DATE: 12/30/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 12/28/93

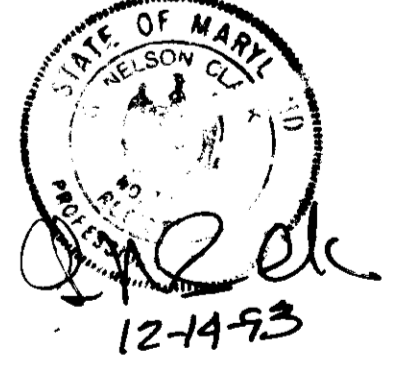
CHIEF BUREAU OF ENGINEERING & CIVIL DATE: 12/29/93

MINIMUM LOT SIZE CHART

LOT NO	Gross Area	Freshman Area	Remaining Area	100 y Floodplain	2% Slopes	Minimum Lot Size
194	4733 #	380.6 #	4352.4 #			4352.4 #
193	7723 #	508.6 #	7214.4 #			7214.4 #
190	8936 #	346.8 #	8589.2 #			8589.2 #
189	6081 #	504.8 #	6476.2 #			6476.2 #
175	7720 #	530.3 #	7129.7 #			7129.7 #
174	6669 #	829.1 #	5839.9 #			5839.9 #
170	9610 #	873.2 #	8736 #			8736 #

ADDRESS CHART

LOT NO	Street	Address
101	7021	Jeweled Hand Circle
102	7025	Jeweled Hand Circle
103	7020	Jeweled Hand Circle
104	7016	Jeweled Hand Circle
105	7012	Jeweled Hand Circle
106	7008	Jeweled Hand Circle
107	7004	Jeweled Hand Circle
108	7000	Jeweled Hand Circle
82	7052	Garden Walk



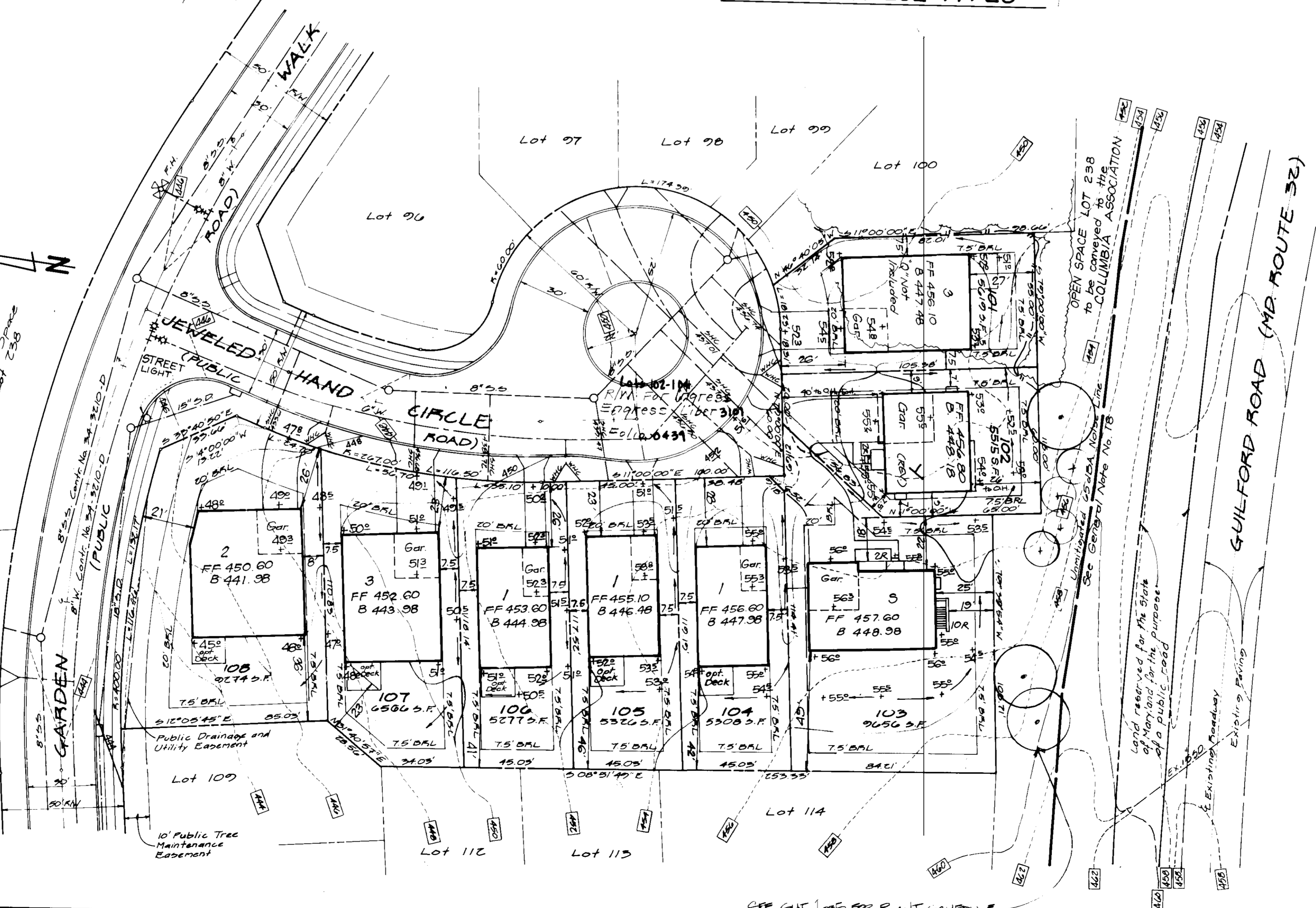
CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7185 Minorsville Way • Columbia, Md. 21045 • (410) 381-7500 (Bull) • (301) 621-8100 (Work)

DESIGNED: VLP
 DRAWN: BAL, MCR
 CHECKED: JME
 DATE: 11-1-93

SITE DEVELOPMENT PLAN
 LOTS 82, 101-108 AND 164-199
COLUMBIA
 VILLAGE OF RIVER HILL
 SECTION 2 AREA 2 PHASES 1 & 2
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
 DRAWING: 2 OF 5
 JOB NO: 92-24C
 FILE NO: 92-240X

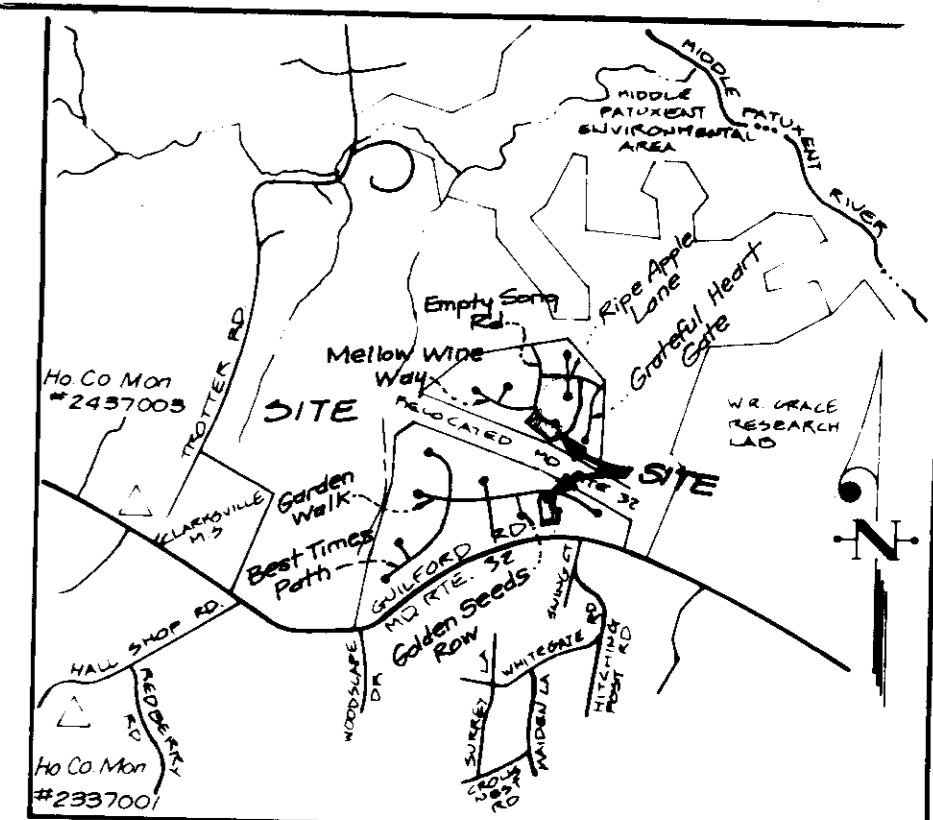
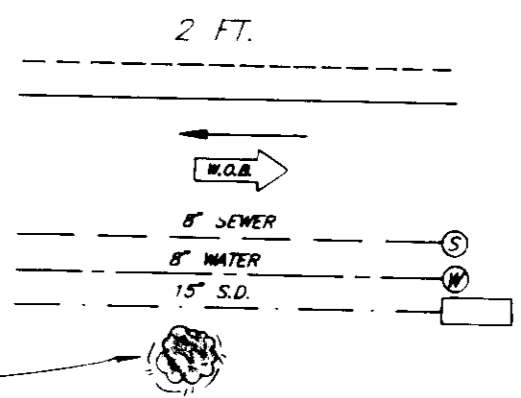
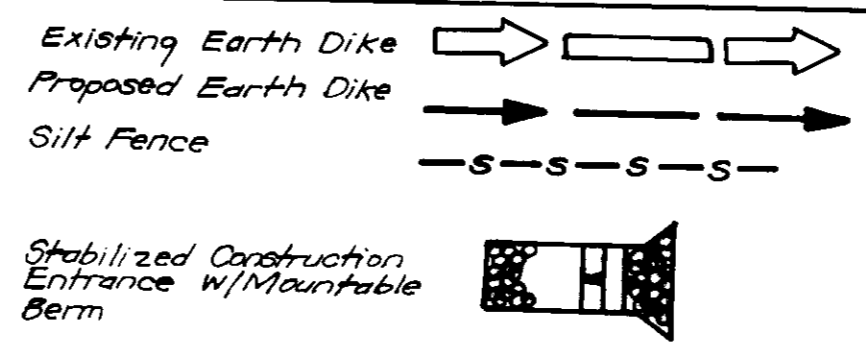
DATE: 11-1-93
 FOR: Patriot Joint Venture
 P.O. Box 1018
 Columbia, Maryland 21044



TRAP #2 SOST 67-X

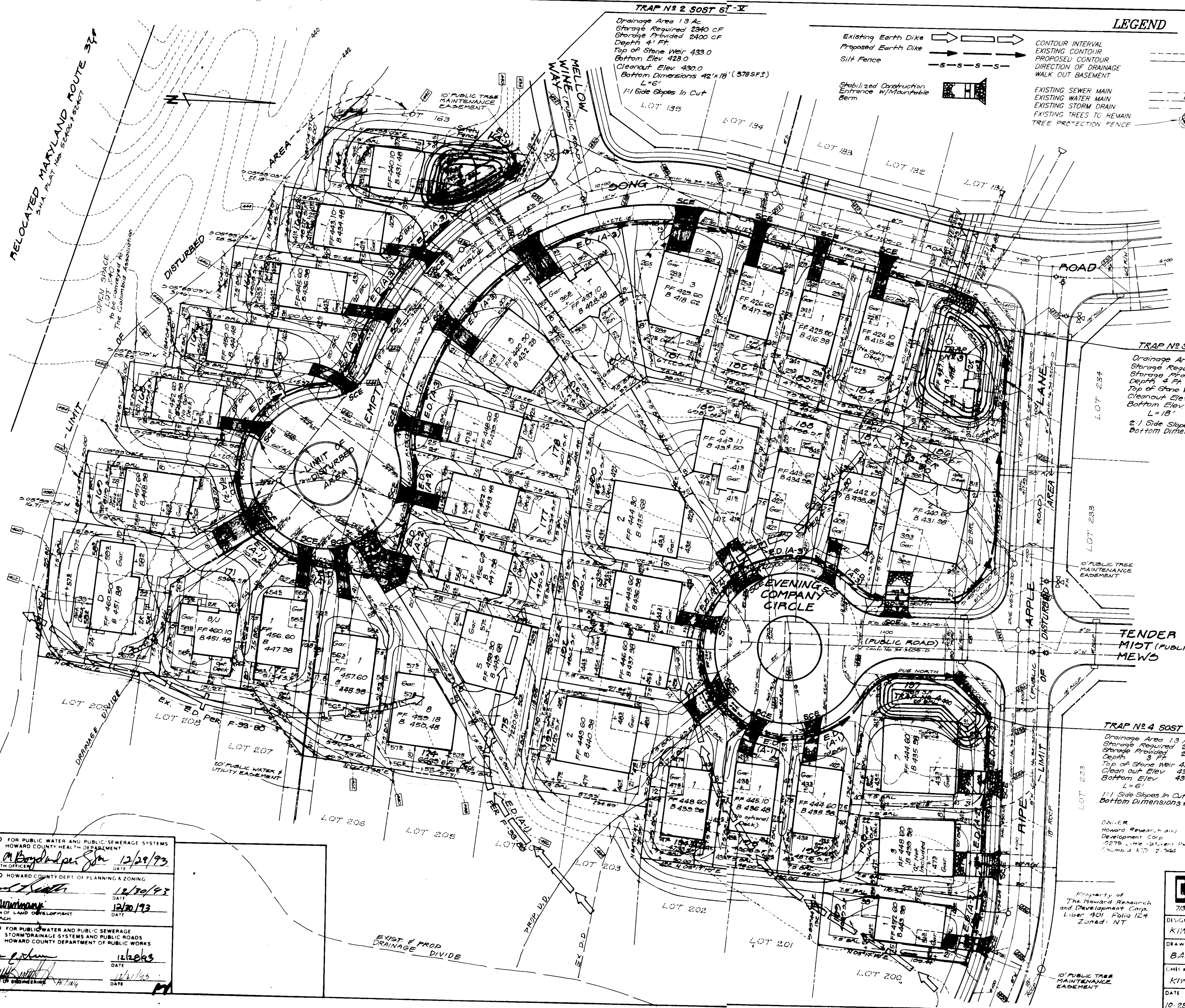
Drainage Area 1.3 Ac.
Storage Required 2340 CF
Storage Provided 2400 CF
Depth 4' FT.
Top of Stone Weir 433.0
Bottom Elev. 428.0
Cleanout Elev. 430.0
Bottom Dimensions 42'x18' (578SFT)
L=6'
1/1 Side Slopes In Cut
LOT 135

LEGEND



VICINITY MAP
SCALE: 1"=2000'

RELOCATED MARYLAND ROUTE 374
S.A. PLAT No. 2487008



TRAP #3 SOST 67-X

Drainage Area 4.4 Ac.
Storage Required 7920 CF
Storage Provided 8056 CF
Depth 4 Ft.
Top of Stone Weir 420.0
Cleanout Elev. 417.0
Bottom Elev. 415.0
L=13'
2:1 Side Slopes
Bottom Dimensions=30'x46'

Reviewed for HOWARD S.C.D.
Soils Technical Requirements
Signature: *[Signature]* Date: 12/21/93
US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature]
Approved 12/24/93

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]
F.W. KUNKLE 10-28-93
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]
G. NELSON CLARK 10-28-93
Date

TRAP #4 SOST 67-X

Drainage Area 1.3 Ac.
Storage Required 2340 CF
Storage Provided 2340 CF
Depth 3 FT.
Top of Stone Weir 436.0
Cleanout Elev. 433.5
Bottom Elev. 432.0
L=6'
1/1 Side Slopes In Cut
Bottom Dimensions=10'x57'

OWNER
Howard Research and Development Corp.
2235 Lime Station Park,
Columbia MD 21045

Property of
The Howard Research and Development Corp.
Liber 401 Folio 124
Zoned: NT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 12/29/93
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 12/30/93
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 12/29/93
DATE

CHIEF BUREAU OF ENGINEERING
[Signature] 12/29/93
DATE

CLARK • FINEROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 Minstrel Way • Columbia, Md 21045 • (410) 381-7300 Baltimore (301) 621-8100 Wash.

DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 82, 101-108 and 164-193 COLUMBIA VILLAGE OF RIVER HILL SECTION 2 AREA 2 PHASES 1 & 2 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN BAL		3 OF 5
CHECKED KIWM		JOB NO 92-240
DATE 10-28-93		FILE NO 92-240
		FOR: PATRIOT JOINT VENTURE PO BOX 1018 Columbia, Maryland 21045

Reviewed for HOWARD S.C.D.
 Name
 Signature *[Signature]* 12/29/93
 Date
 US Soil Conservation Service

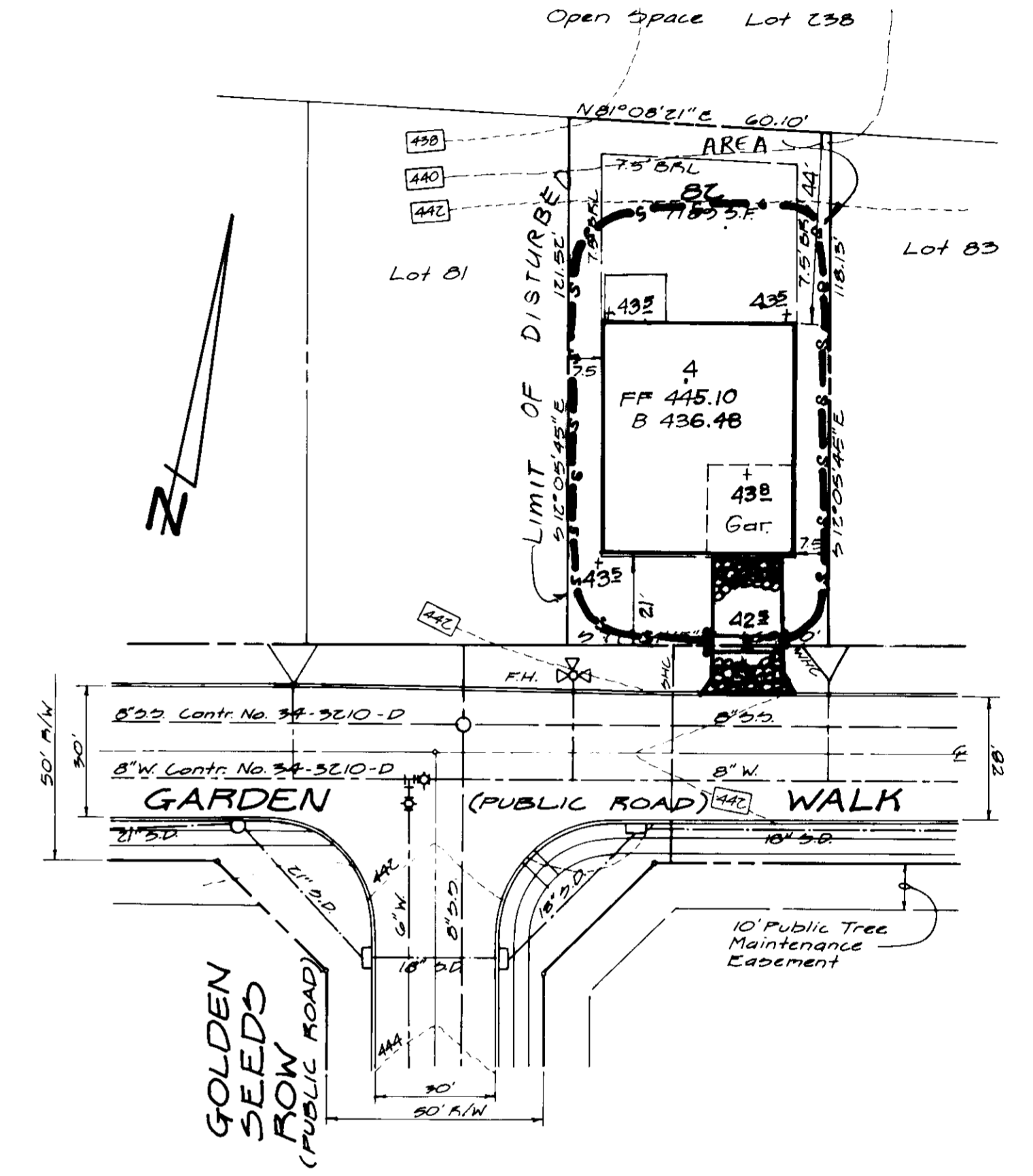
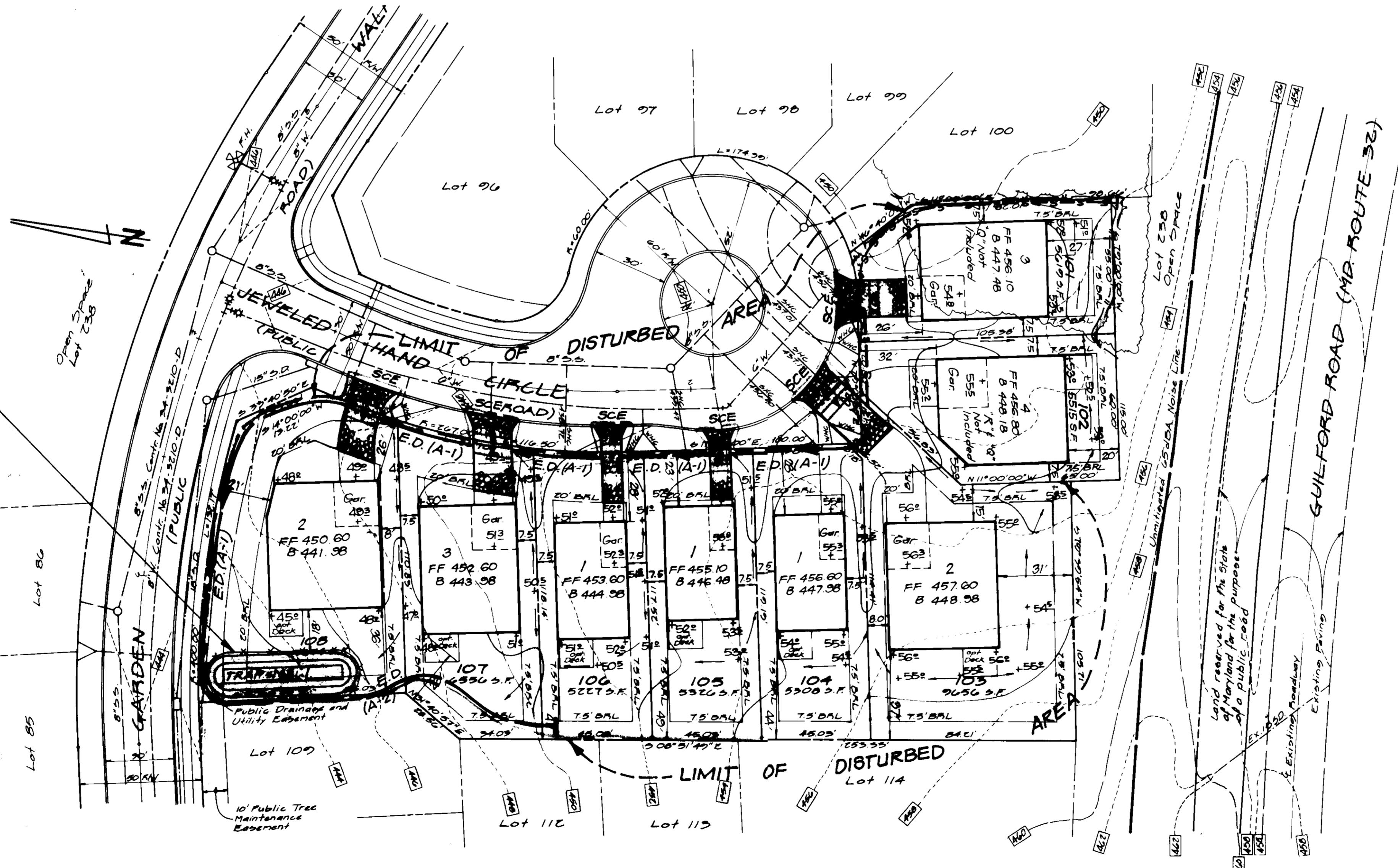
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature]
 Approved 12/29/93

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]
 F.W. KUNKLE
 10-28-93
 Date

TRAP No. 108 ST V
 Drainage Area 0.8 Ac.
 Storage Provided 1440 cu ft
 Storage Required 1458 cu ft
 Depth = 3'
 Top of Stone Weir 444.0
 Cleanup Elev. 441.5
 Bottom Elev. 440.0
 Bottom Dimensions 6'x51'
 1:1 Side Slopes In Cut.
 L = 4'

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 12/29/93
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 12/30/93
 DIRECTOR DATE
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 12/29/93
 DIRECTOR DATE
 CHIEF BUREAU OF ENGINEERING *[Signature]* 12/29/93
 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] 10-28-93
 G. NELSON CLARK Date



CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7195 Minstrel Way • Columbia, Md 21045 • (410) 381-7500 (Balt.) • (301) 621-8100 (Wash.)		
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 82, 101-108 and 164-168 COLUMBIA VILLAGE OF RIVER HILL SECTION 2 AREA 2 PHASES 1 & 2 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN BAL		DRAWING 4 OF 5
CHECKED KIWM		JOB NO 92-240
DATE 10-28-93		FILE NO 92-240-05
FOR:		Patriot Joint Venture P.O. Box 1018 Columbia, Maryland 21044

