

Reviewed for S.C.D. Name: [Signature] Date: 5-16-87
 and meets Technical Requirements
 Signature: [Signature] Date: [Date]
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved: [Signature] Date: [Date]

WOODLAND VILLAGE SECTION 1 PLAT 7316 RSA-8 ZONE

GENERAL NOTES:

- The land included is zoned RSA-8 per 8-2-85 Comprehensive Zoning Plan.
- The coordinates shown hereon are based on the Maryland State Grid System as projected by the Howard County Geodetic Control Stations No. 254001 & 254002.
- Property shown is located on Tax Map #37 Parcel #128.
- Village Drive is existing; all roadways are private.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- Storm Water Management for this project has been waived. See previously approved plans F-87-87.
- All materials and construction to be in accordance with Howard County Road Construction Code and Specifications.
- Installation of traffic control devices shall be in accordance with the latest edition of the "Manual of Uniform Traffic Control".
- Topography was compiled from aerial survey.
- Trench bedding for storm drains to be in accordance with Ho Co Std. G-2.01 Trench in earth - see detail sht 2.
- Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location by digging test pits by hand, at all utility crossings well in advance of construction.
- The contractor or developer shall notify Construction Inspection / Survey Division 24 hrs in advance of work at 992-2417 or 792-7272.
- The developer agrees to work with the Dept. of Licenses & Inspection to resolve any problems caused by roof water discharge.
- All downspout drains shall be handled by one of these methods:
 A Downspout to splash blocks and discharges onto ground having good percolation.
 B Downspout in front of units piped to curb
 C Downspout connect to storm drain
- Handicap parking details shall be in accordance with the Md Building Code for the handicapped" Sect 5-01-705 and details sht 2.
- See Ho Co O.P.2. Files, P 86-64, S 86-56 VP 86 113, VP 87-164, F87-87, F88-180
- Lot Coverage: 40%
- Storm Water Management has been waived per previously Approved Plans P 86-64
- WP-89-95 Extension of Final Plan Approval.

9-1-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-23-88
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 5-25-88
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 5-17-88
 CHIEF BUREAU OF ENGINEERING

SITE ANALYSIS

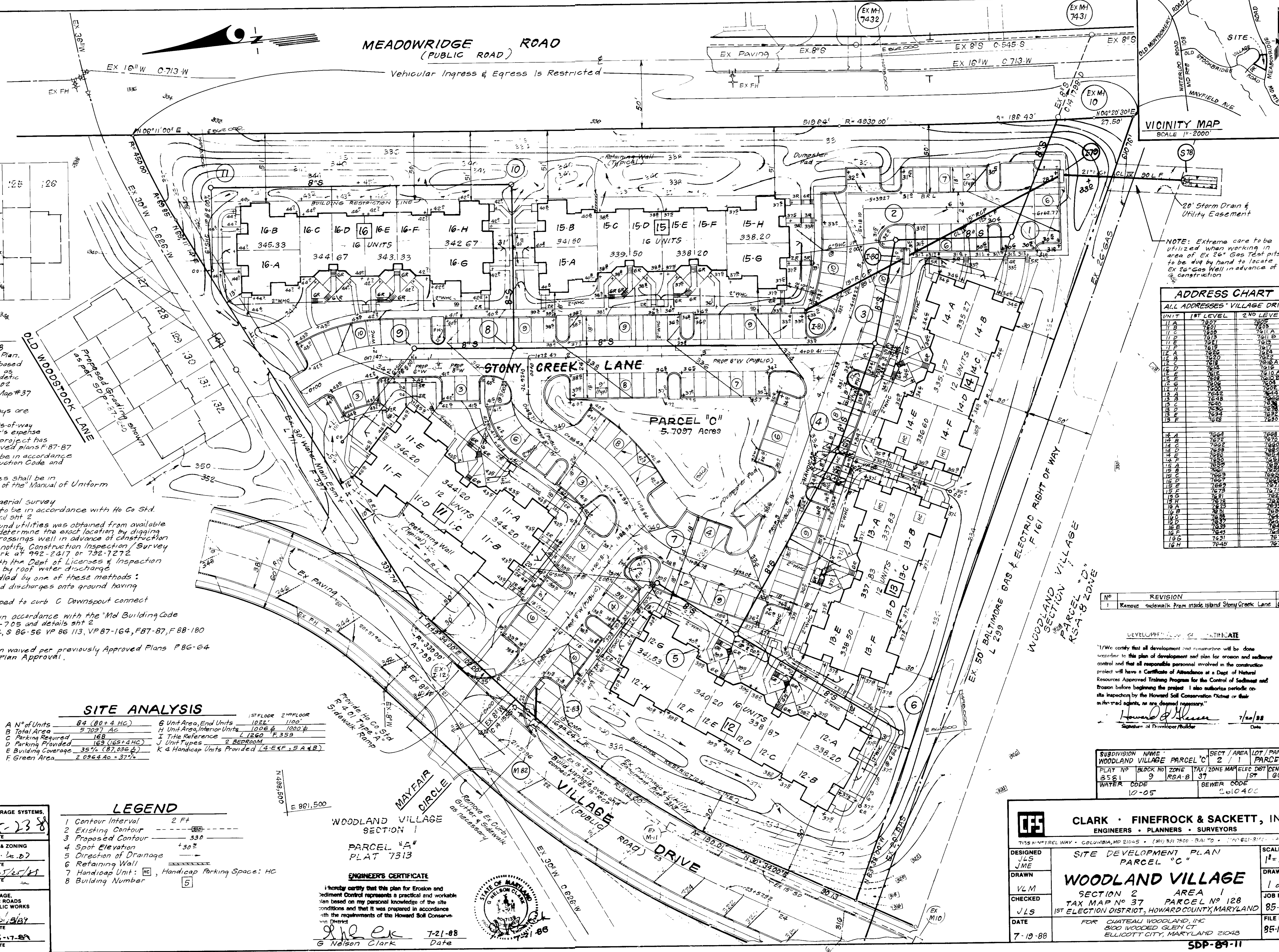
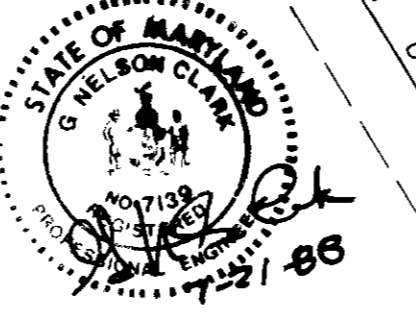
A N° of Units	84 (80+4 HC)	G Unit Area, End Units	1022' 1100'
B Total Area	5.7097 Ac	H Unit Area, Interior Units	1006' 1020'
C Parking Required	168	I Title Reference	L 1260 F.359
D Parking Provided	163 (65+4 HC)	J Unit Types	2 BEDROOM
E Building Coverage	35% (87,036 sq ft)	K 4 Handicap Units Provided (4-E, F, S, A, B)	
F Green Area	2.0964 Ac = 37%		

LEGEND

- Contour Interval 2 Ft
- Existing Contour
- Proposed Contour 330
- Spot Elevation +30'
- Direction of Drainage
- Retaining Wall
- Handicap Unit: [Symbol], Handicap Parking Space: HC
- Building Number [Symbol]

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] 7-21-88
 G Nelson Clark Date



VICINITY MAP SCALE 1"=2000'

20' Storm Drain & Utility Easement

NOTE: Extreme care to be utilized when working in area of Ex 26" Gas Test pits to be dug by hand in advance of construction.

ADDRESS CHART

UNIT	1ST LEVEL	2ND LEVEL
11-A	7607	7605
11-B	7601	7603
11-C	7609	7611 A
11-D	7613	7611 B
11-E	7617	7615
11-F	7619	7617
12-A	7623	7621 A
12-B	7627	7625 A
12-C	7631	7629 A
12-D	7635	7633 A
12-E	7639	7637 A
12-F	7643	7641 A
13-A	7647	7645 A
13-B	7651	7649 A
13-C	7655	7653 A
13-D	7659	7657 A
13-E	7663	7661 A
13-F	7667	7665 A
14-A	7671	7669 A
14-B	7675	7673 A
14-C	7679	7677 A
14-D	7683	7681 A
14-E	7687	7685 A
14-F	7691	7689 A
15-A	7695	7693 A
15-B	7699	7697 A
15-C	7703	7701 A
15-D	7707	7705 A
15-E	7711	7709 A
15-F	7715	7713 A
16-A	7719	7717 A
16-B	7723	7721 A
16-C	7727	7725 A
16-D	7731	7729 A
16-E	7735	7733 A
16-F	7739	7737 A
16-G	7743	7741 A
16-H	7747	7745 A

No	REVISION	Date
1	Remove sidewalk from inside Island Stony Creek Lane	6-8-88

DEVELOPER'S 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 Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspections by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

[Signature] 7/20/88
 Signature of Developer/Builder Date

SUBDIVISION NAME	WOODLAND VILLAGE PARCEL 'C'	SECT / AREA	2 / 1	LOT / PARCEL	PARCEL 'C'
PLAT NO	8581	BLOCK NO	9	TAX ZONE	MAP/ELEC DIST
WATER CODE	10-05	SEWER CODE	261040C	DIST	DENSUS TR
				ST	G011

CLARK · FINEFROCK & SACKETT, INC.
 ENGINEERS · PLANNERS · SURVEYORS

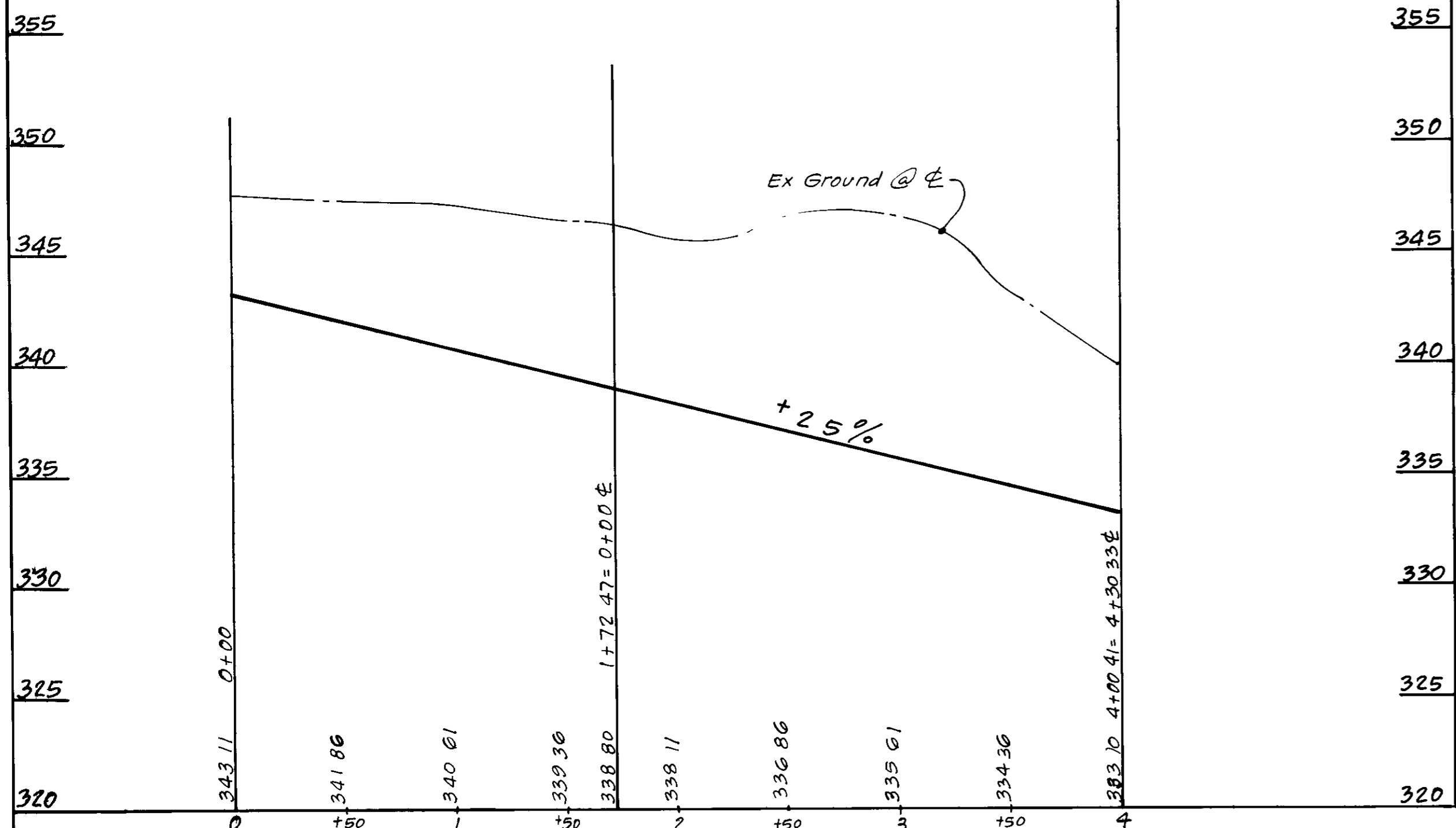
DESIGNED: JLS, JME
 DRAWN: VLM
 CHECKED: JLS
 DATE: 7-19-88

SITE DEVELOPMENT PLAN PARCEL 'C'

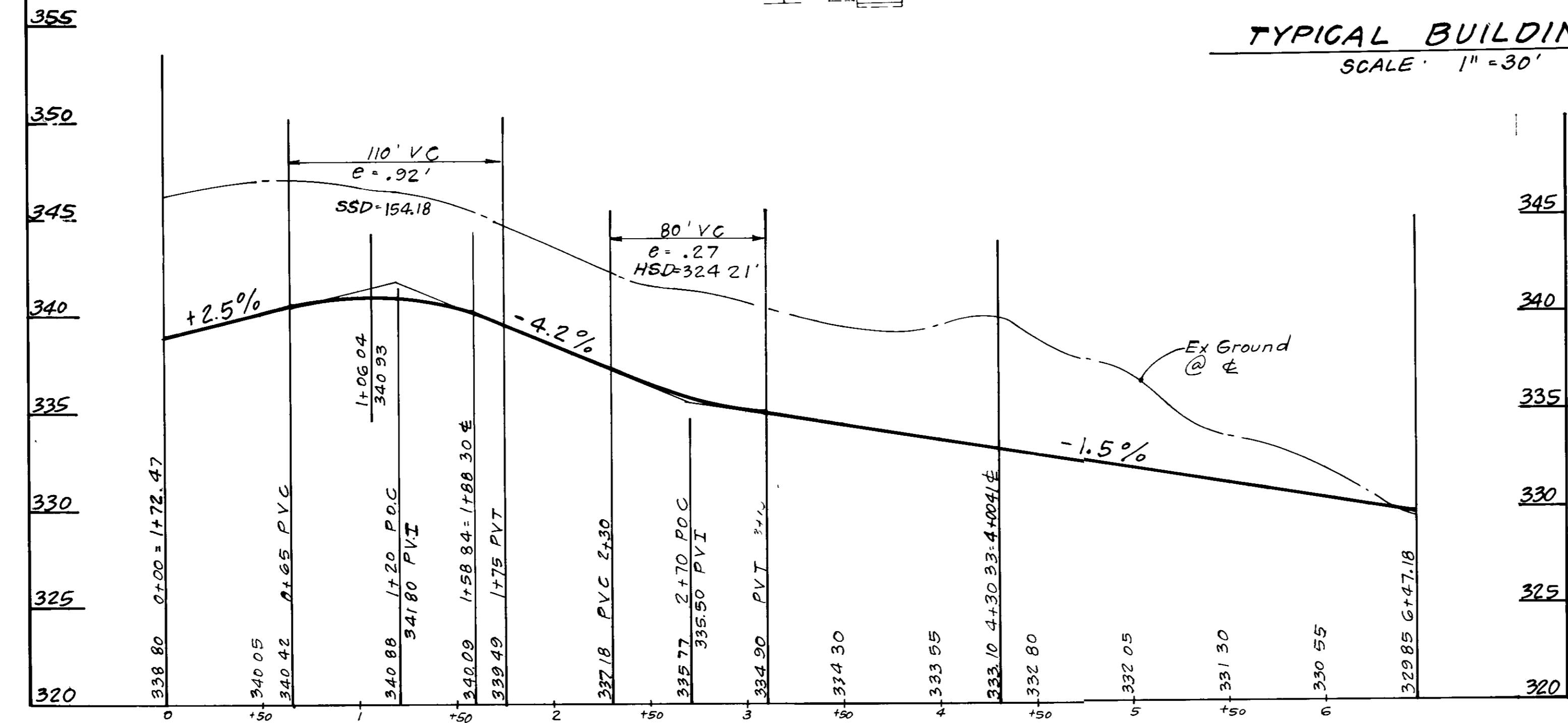
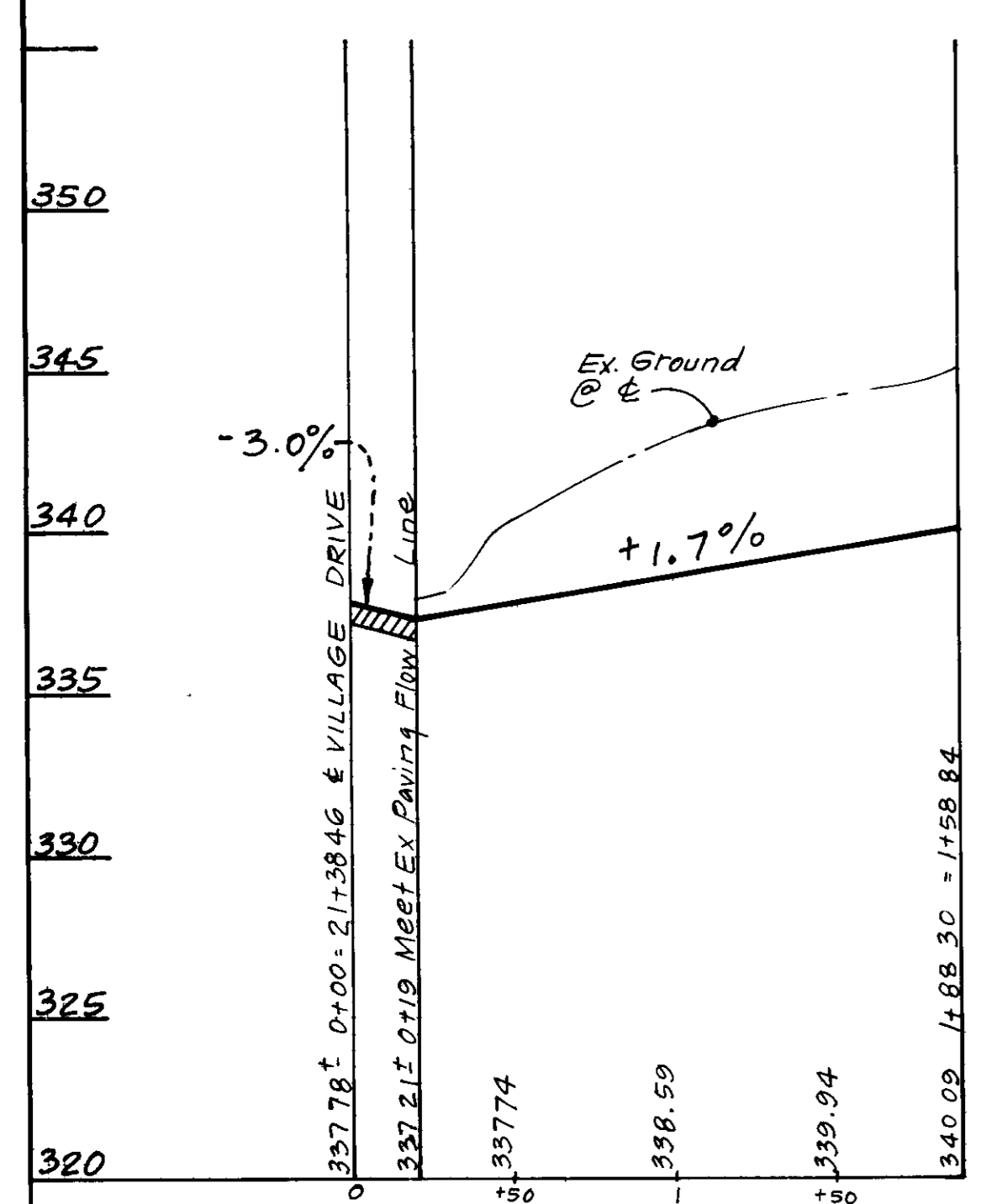
WOODLAND VILLAGE
 SECTION 2 AREA 1
 TAX MAP NO 37 PARCEL NO 128
 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

FOR CHATEAU WOODLAND, INC
 8100 WOODD GLEN CT
 ELLICOTT CITY, MARYLAND 21043

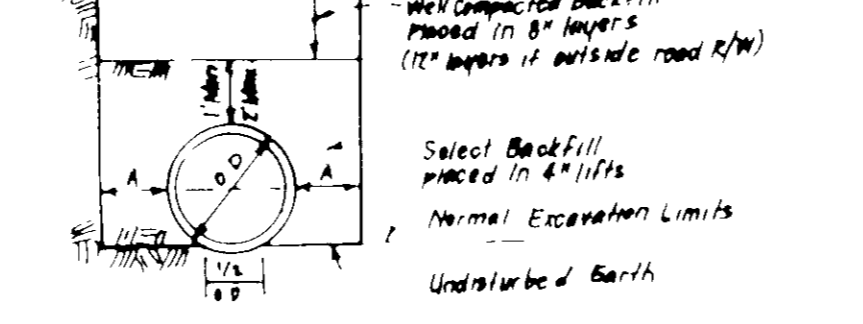
SCALE: 1"=30'
 DRAWING: 1 of 6
 JOB NO.: 85-148
 FILE NO.: 85-148 X



PROFILE SCALE
 HORZ. 1" = 50'
 VERT. 1" = 5'

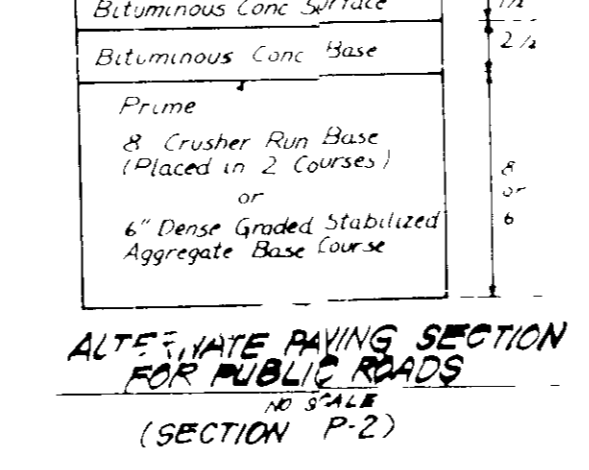
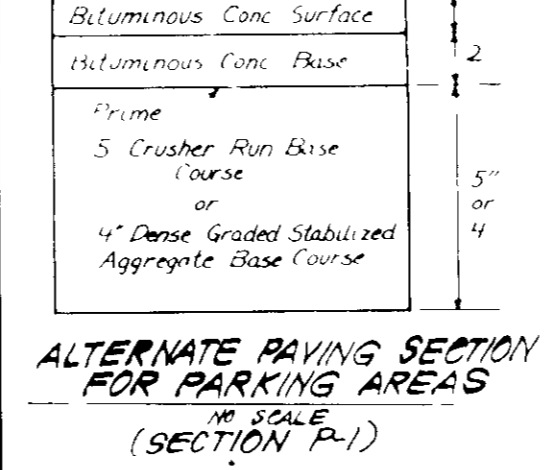


Notes: For O.D. of Pipe See Manufactures Specs or field measure circumference of pipe and - by 3/4
 2. Within road R/W Trench Compaction Density shall be 95% as determined by AASHTO T 180 A
 3. For conditions requiring solid sheeting or trench shields A shall not exceed 80

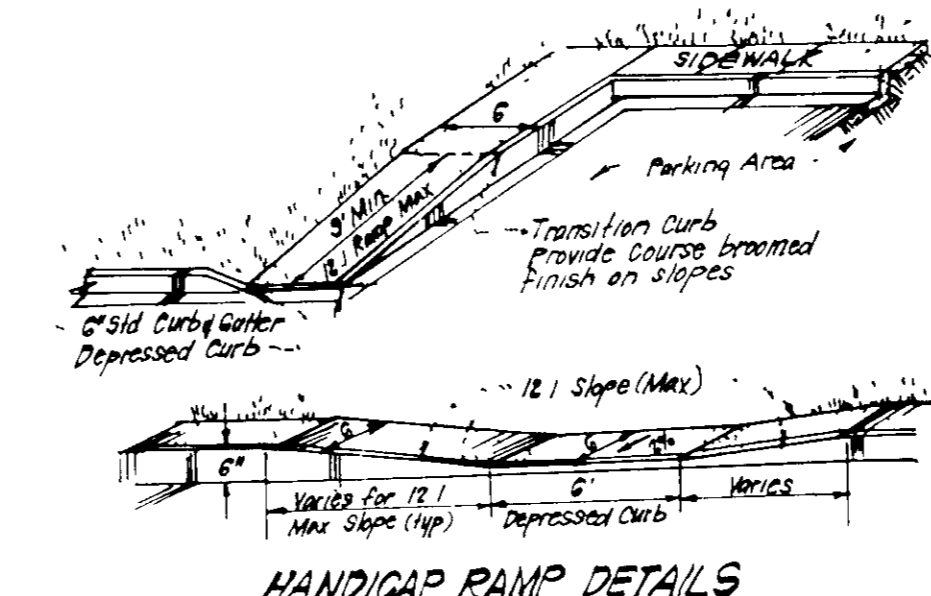


Pipe Dia	A	B
24	15	8"
24	21	10"
24	30	12"

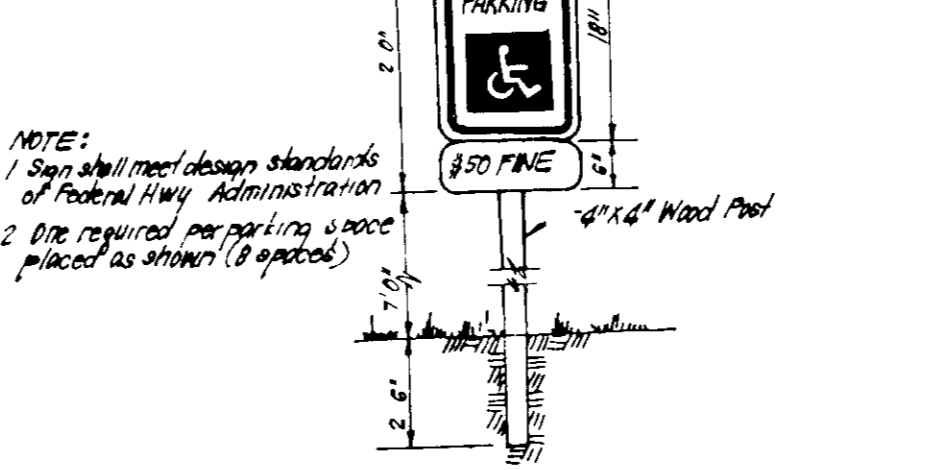
TRENCH BEDDING DETAIL
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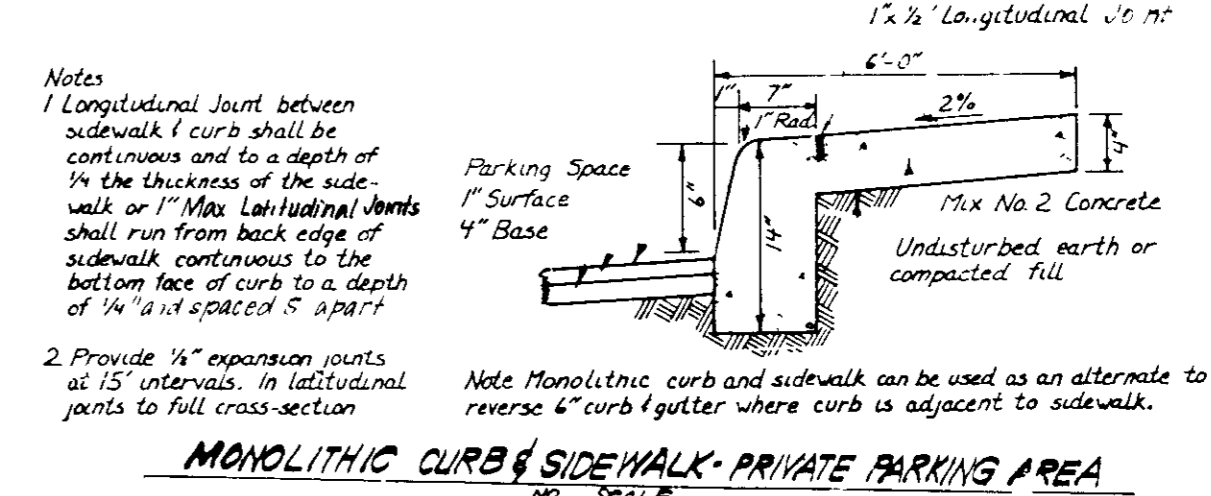
ALTERNATE PAVING SECTION FOR PARKING AREAS (SECTION P-1)
ALTERNATE PAVING SECTION FOR PUBLIC ROADS (SECTION P-2)
 NO SCALE



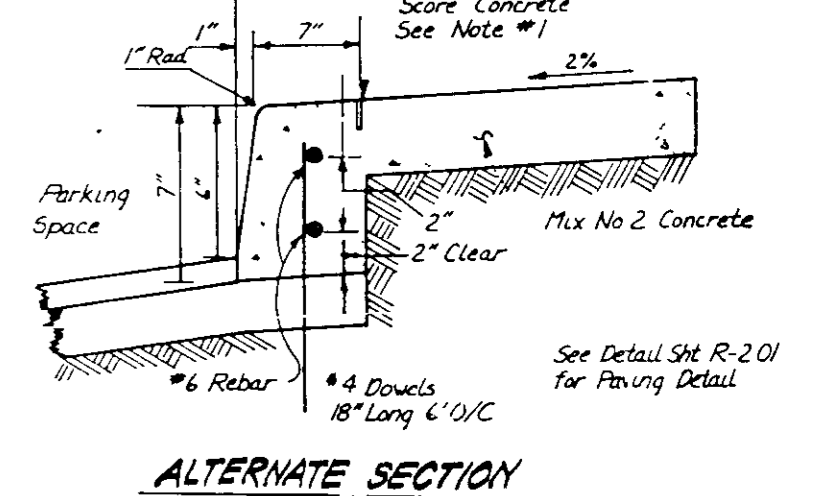
HANDICAP RAMP DETAILS
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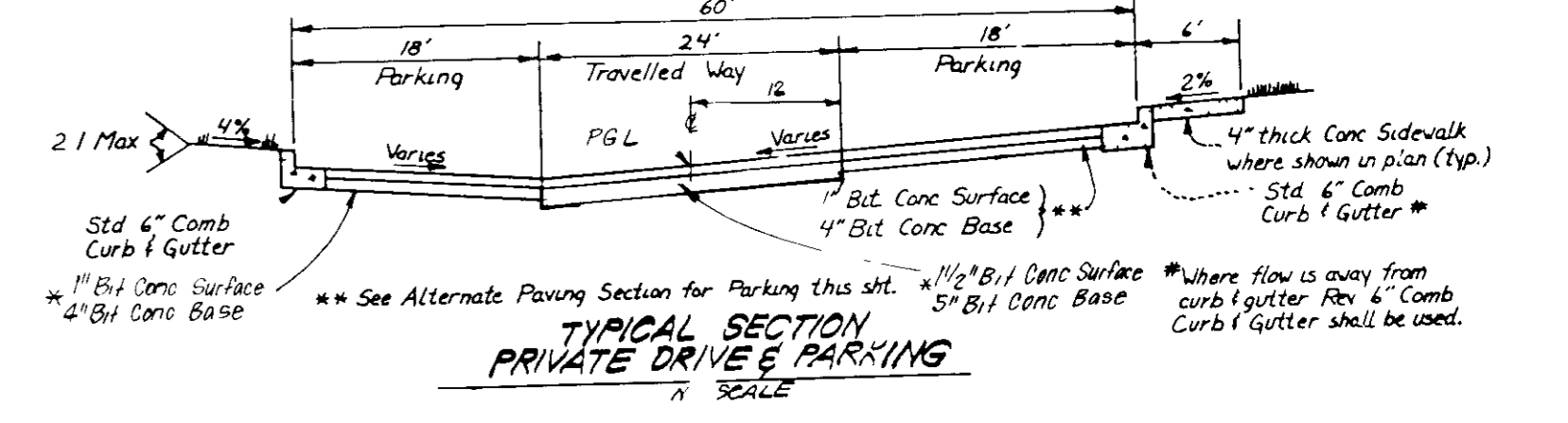
HANDICAP PARKING SIGN DETAIL
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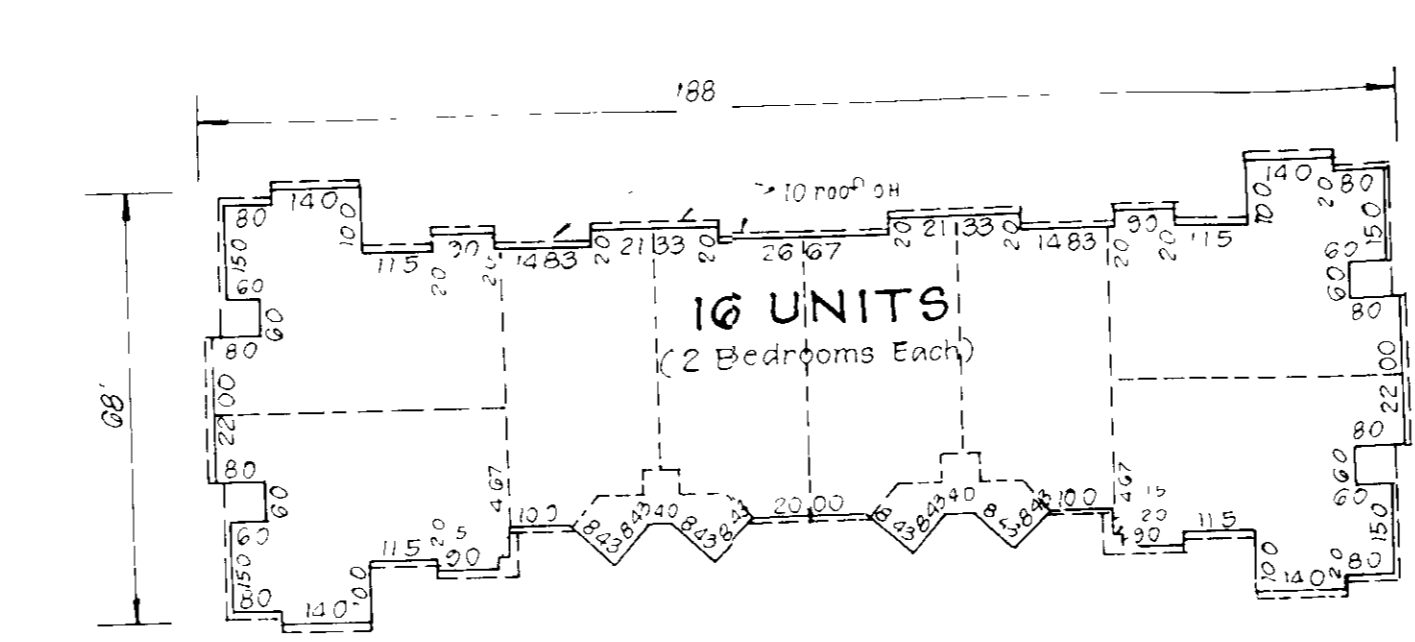
MONOLITHIC CURB & SIDEWALK - PRIVATE PARKING AREA
 NO SCALE



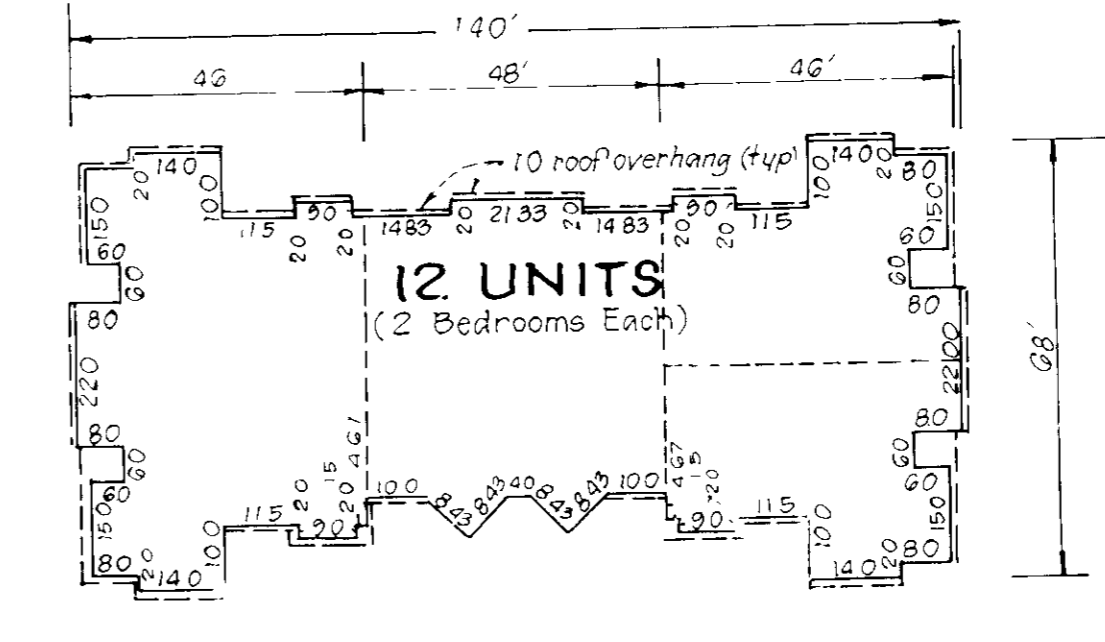
ALTERNATE SECTION
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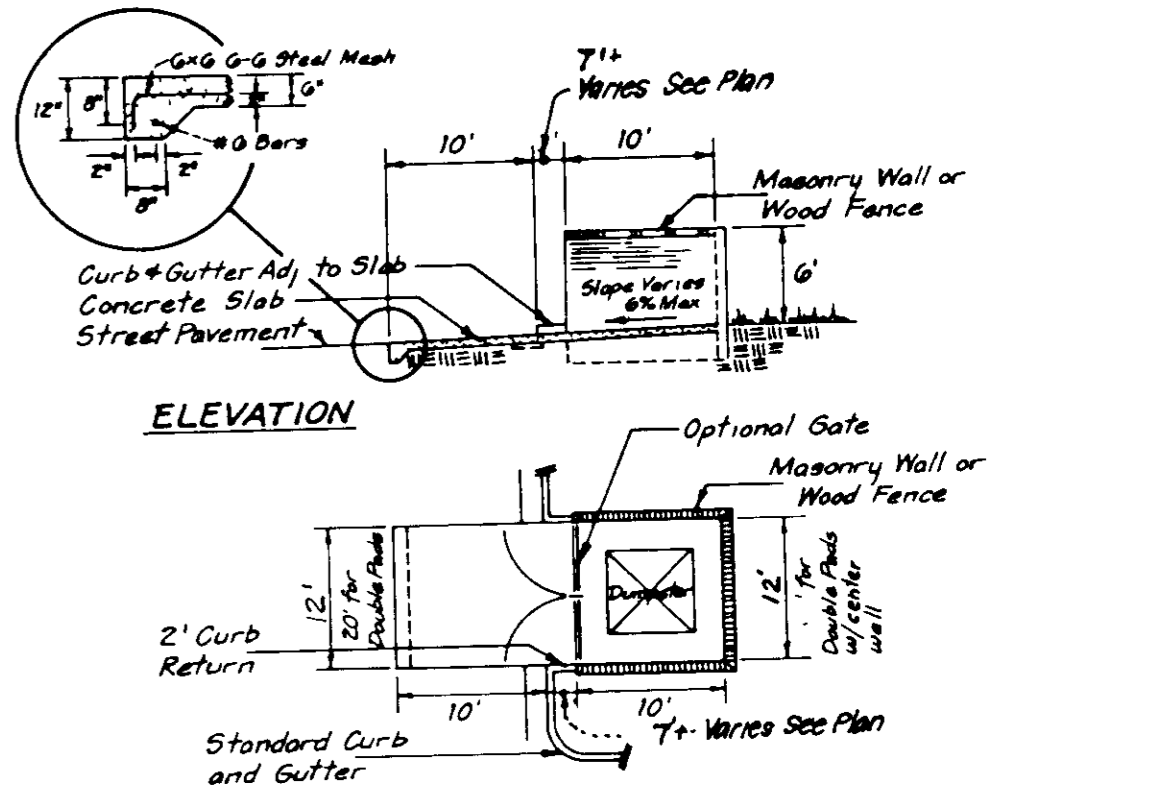
TYPICAL SECTION PRIVATE DRIVE PAVING
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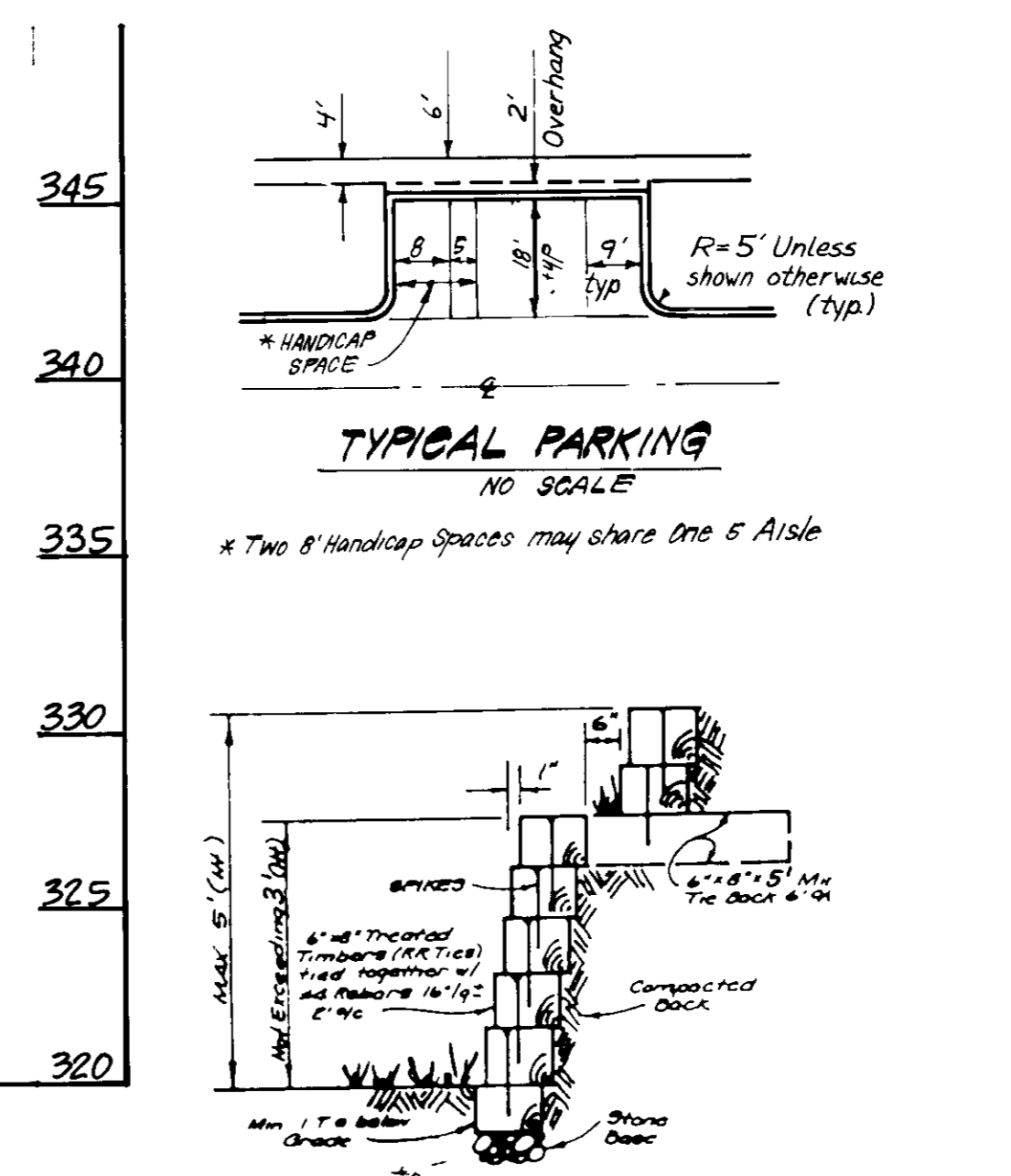
TYPICAL BUILDINGS
 SCALE 1" = 30'



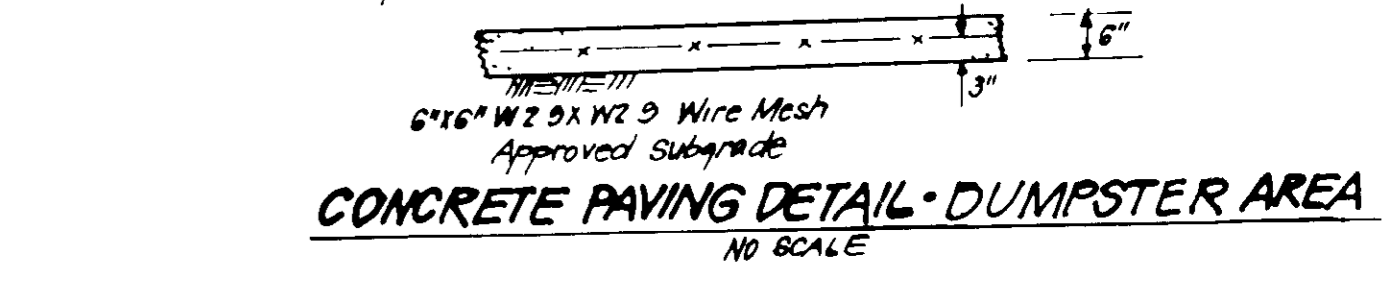
TYPICAL PARKING
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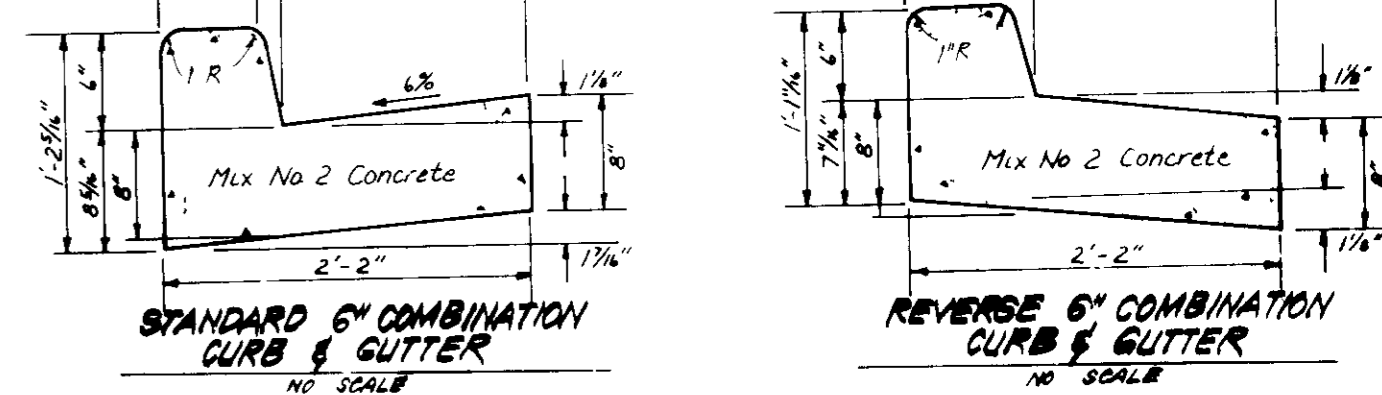
DUMPSTER PAD & ENCLOSURE
 No Scale



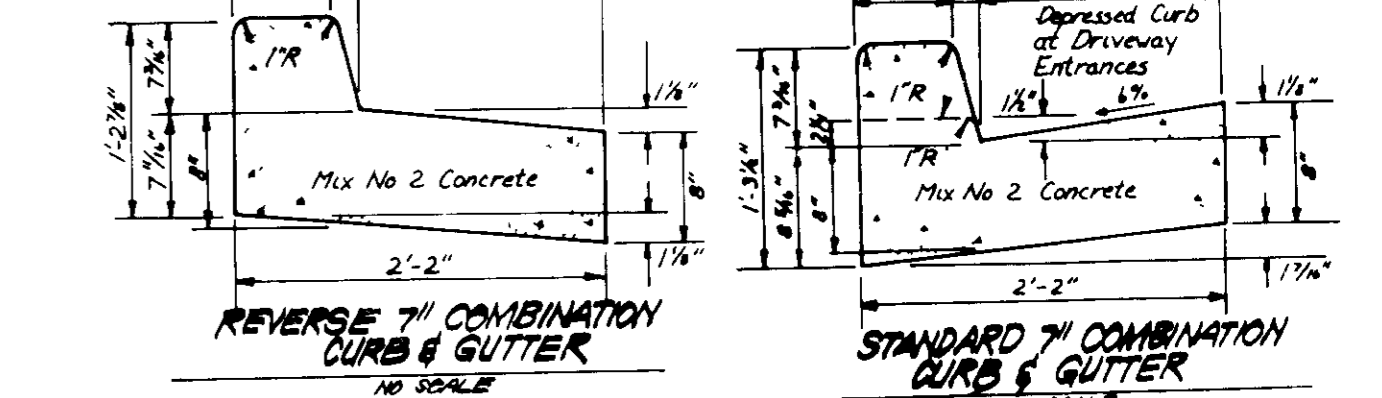
TIMBER RETAINING WALL DETAIL
 NO SCALE



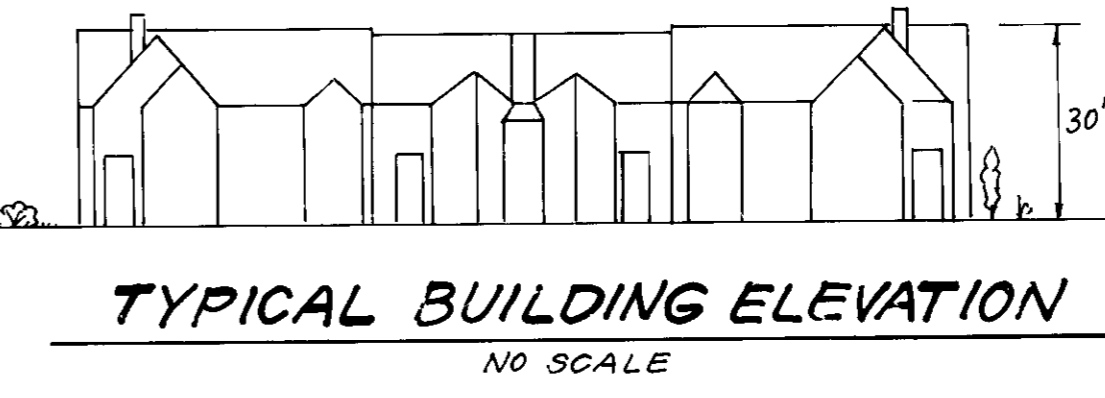
CONCRETE PAVING DETAIL - DUMPSTER AREA
 NO SCALE



STANDARD 6\"/>



REVERSE 6\"/>



TYPICAL BUILDING ELEVATION
 NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-23-88

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 5-26-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 5-17-89

9-1-88



CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7500 • BALTO • (301) 621-8100 - WASH

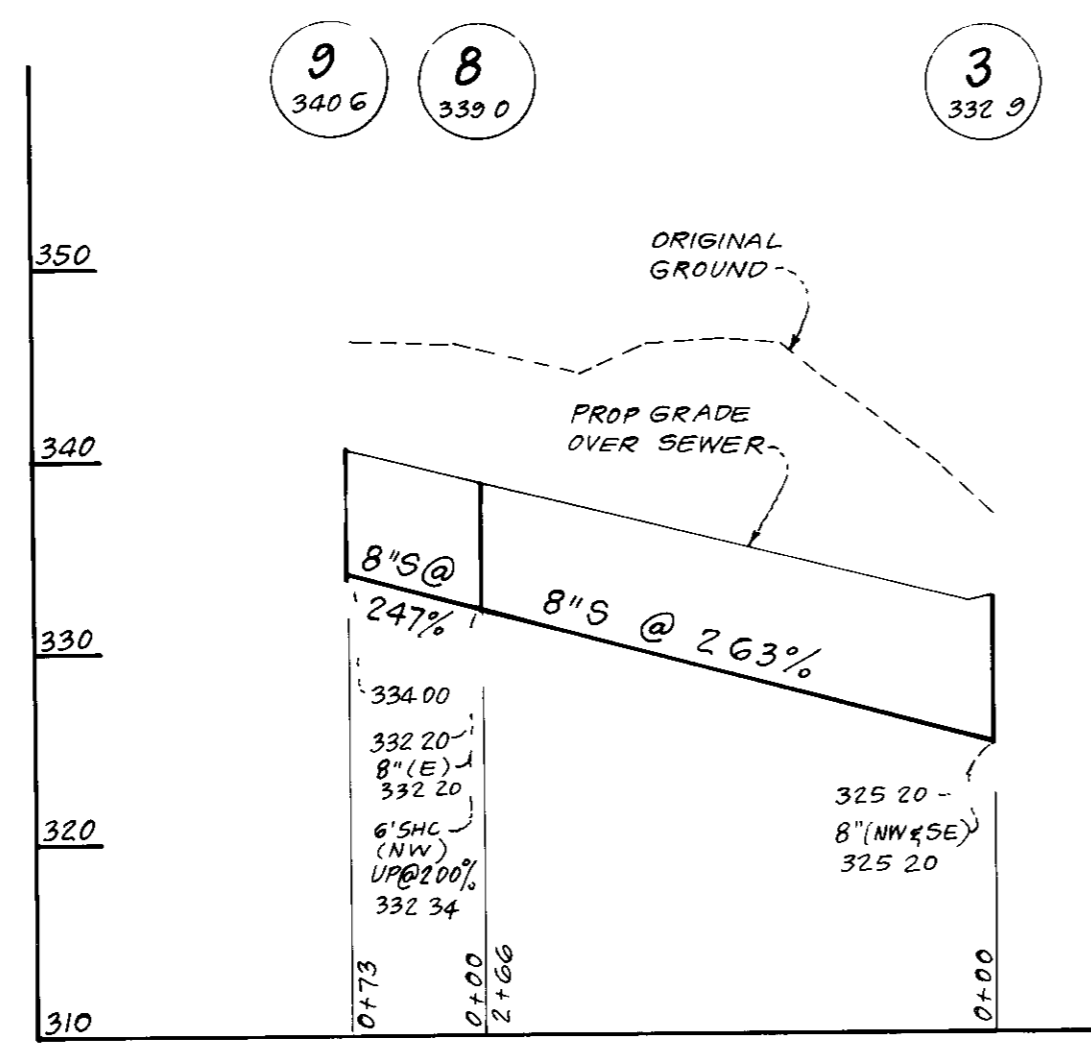
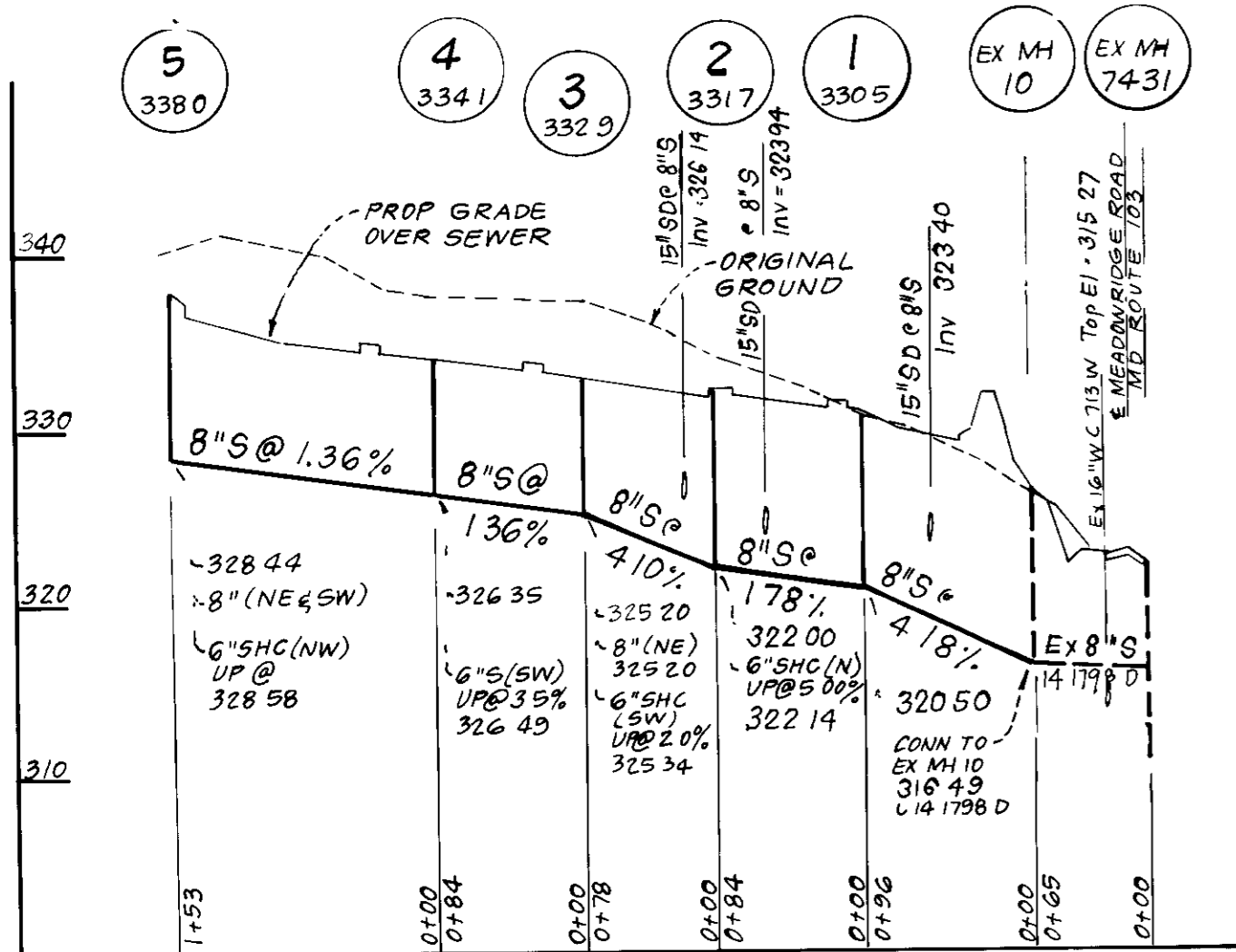
DESIGNED: JLS
 DRAWN: VLM
 CHECKED: JLS
 DATE: 7-19-88

SITE DEVELOPMENT PLAN
 PARCEL "C"
WOODLAND VILLAGE
 SECTION 2 AREA 1
 TAX MAP N° 37 PARCEL N° 128
 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

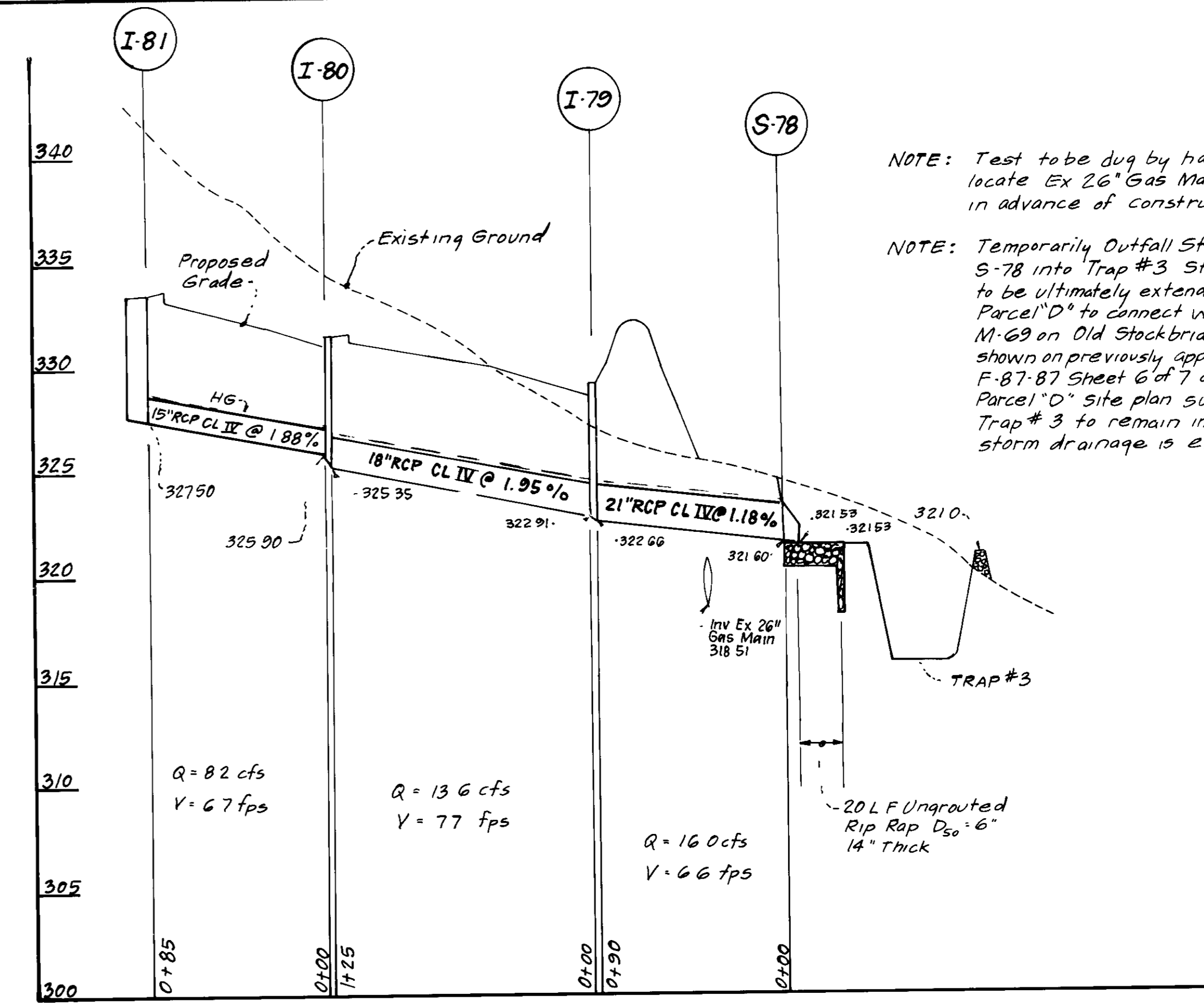
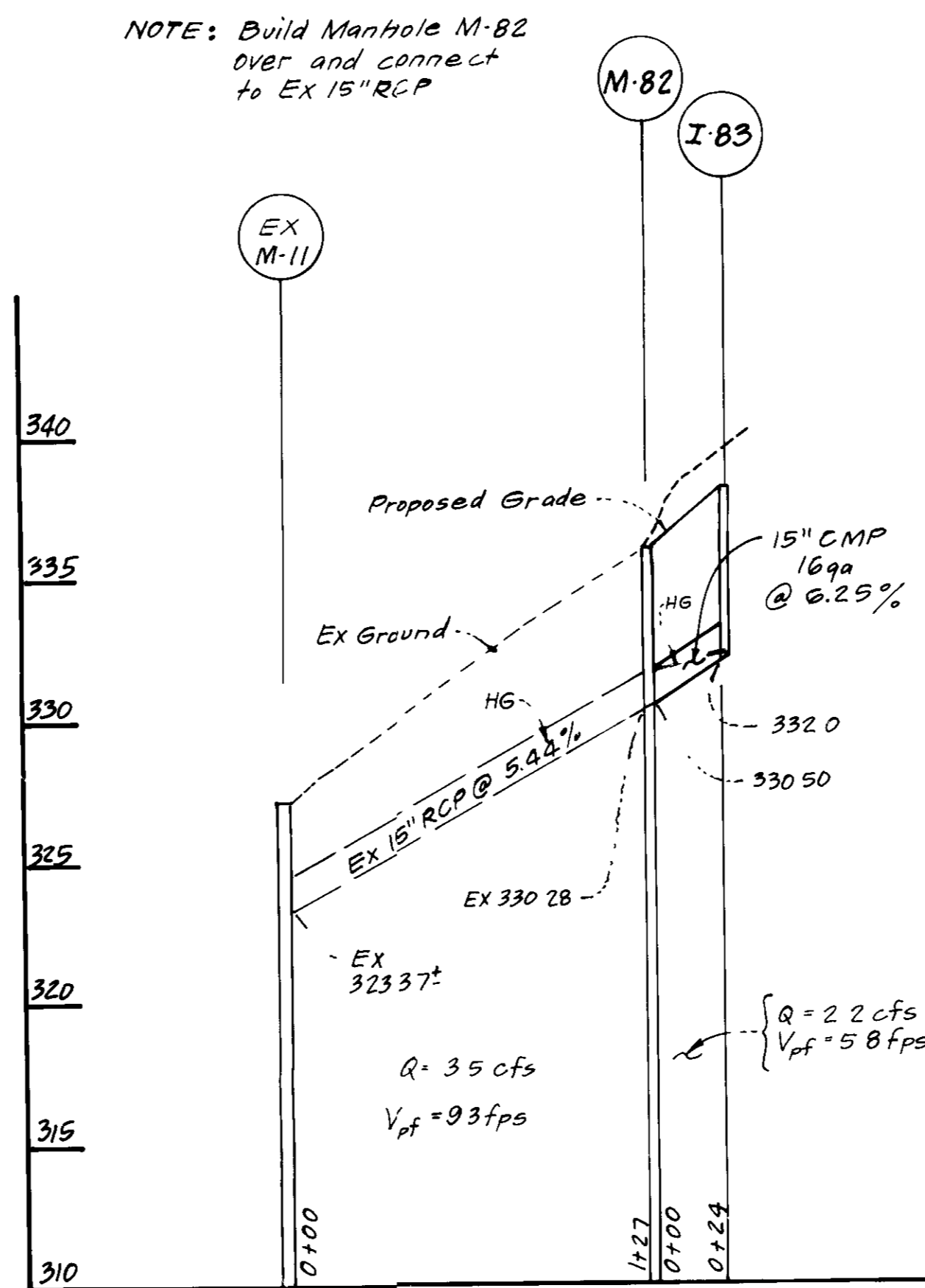
FOR: CHATEAU WOODLAND, INC
 8100 WOODED GLEN CT
 ELLICOTT CITY, MARYLAND 21043

SCALE: 1" = 30'
 DRAWING: 2 of 6
 JOB NO: 85-148
 FILE NO: 85-148X

SDP-84-11



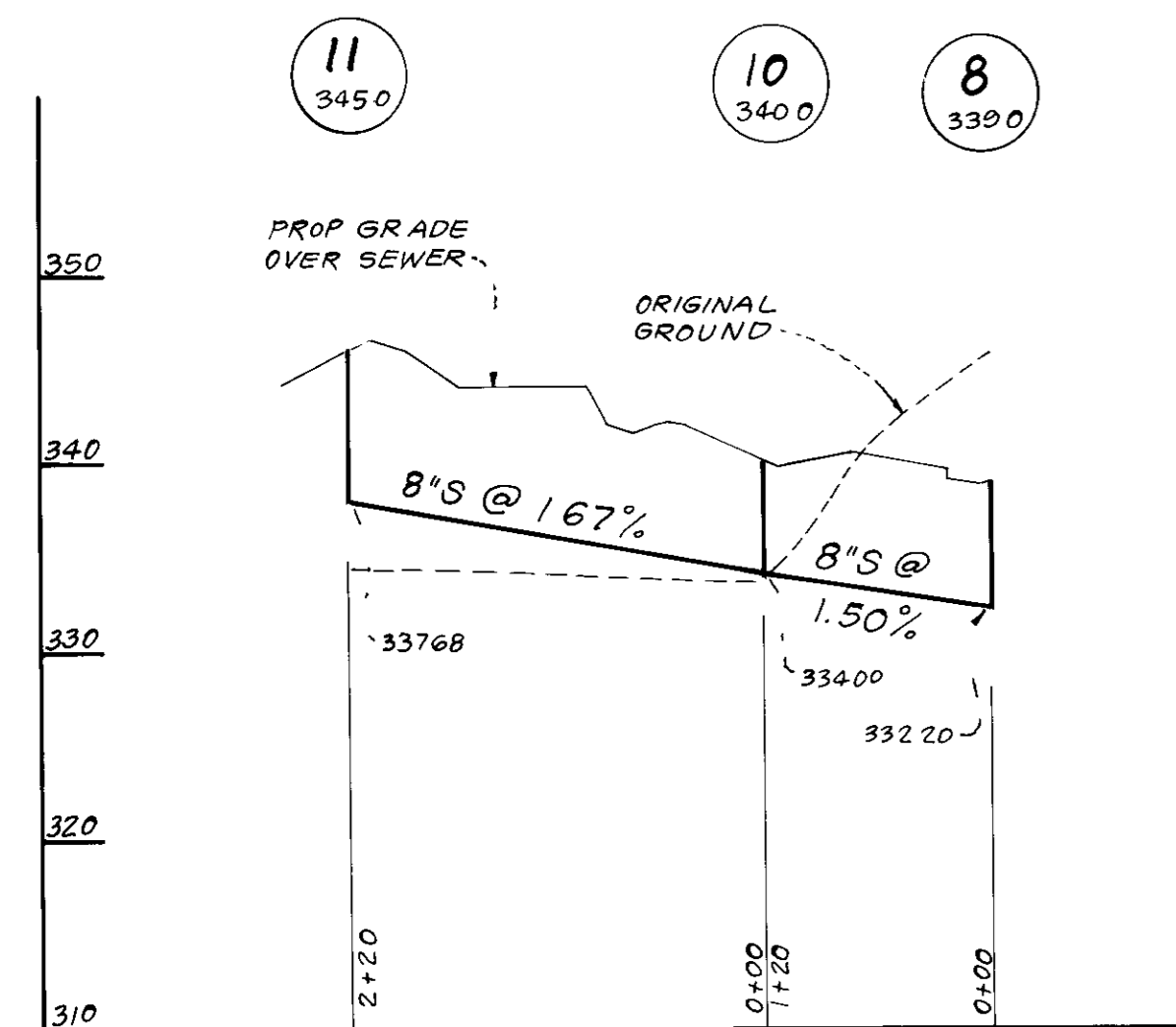
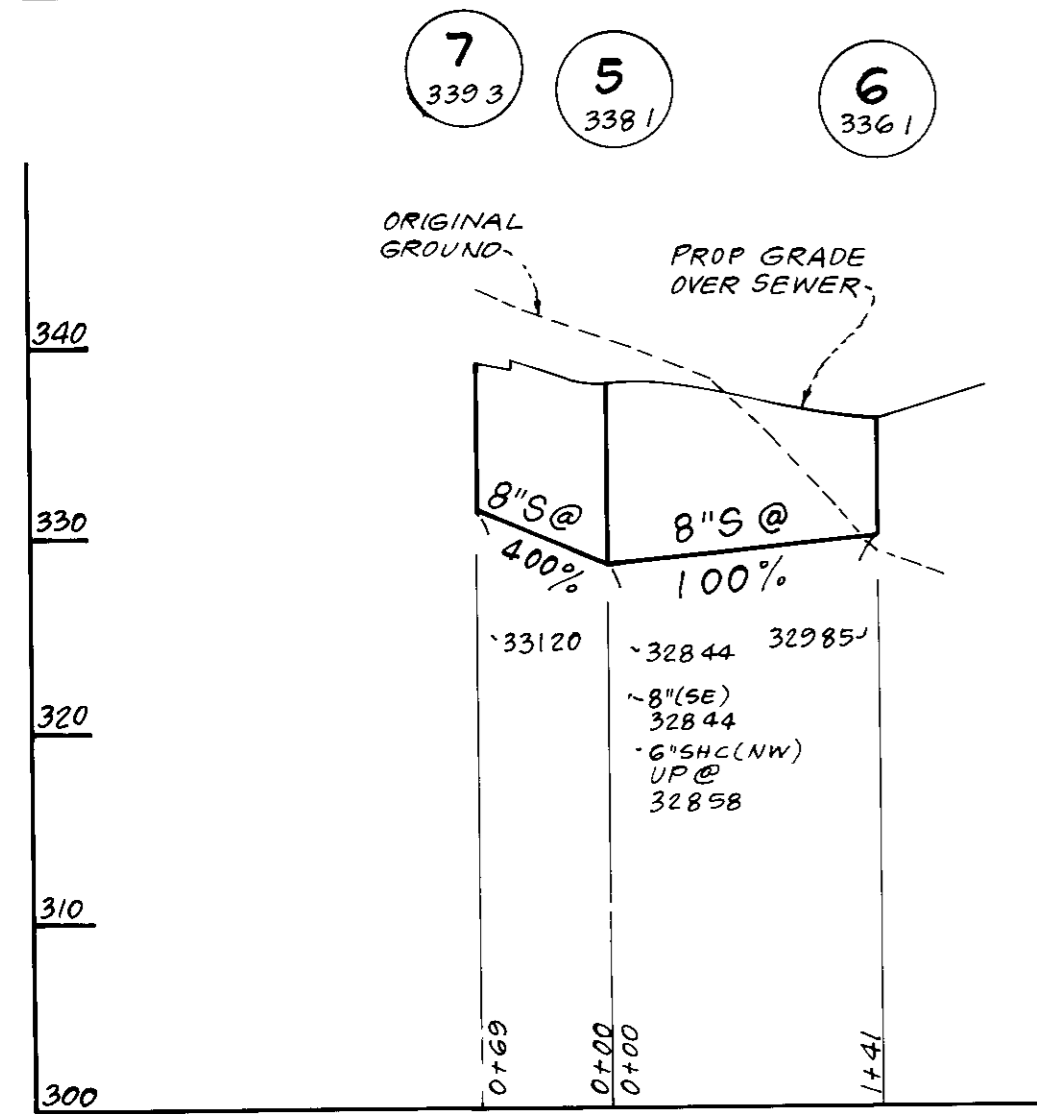
NOTE: Build Manhole M-82 over and connect to Ex 15" RCP



NOTE: Test to be dug by hand to locate Ex 26" Gas Main, well in advance of construction
 NOTE: Temporarily Outfall Storm Drainage S-78 into Trap #3 Storm Drainage to be ultimately extended thru Parcel "D" to connect with Proposed M-69 on Old Stockbridge Drive as shown on previously approved plans F-87-87 Sheet 6 of 7 at time of Parcel "D" site plan submission. Trap #3 to remain in place until storm drainage is extended

WATER AND SEWER NOTES:

- All Sewer Mains shall be PVC, GSPX, VCPX or ACP Class 2400
- All construction methods and materials for on site private water and sewer systems shall follow the current edition of the Howard County Plumbing Code, supplemented by the Howard County Std Details and Specs where necessary
- Sewer House Connections shall be built within 5 Ft of Buildings, at a slope of 2.0% unless shown otherwise
- Areas where water house connections are to be built shall be at final grade and connections shall be laid with a min of 3.5 Ft of cover. Water House Connections shall be seamless copper water tube, ASTM designation B88, Soft temper, Type K



SEWER PROFILES

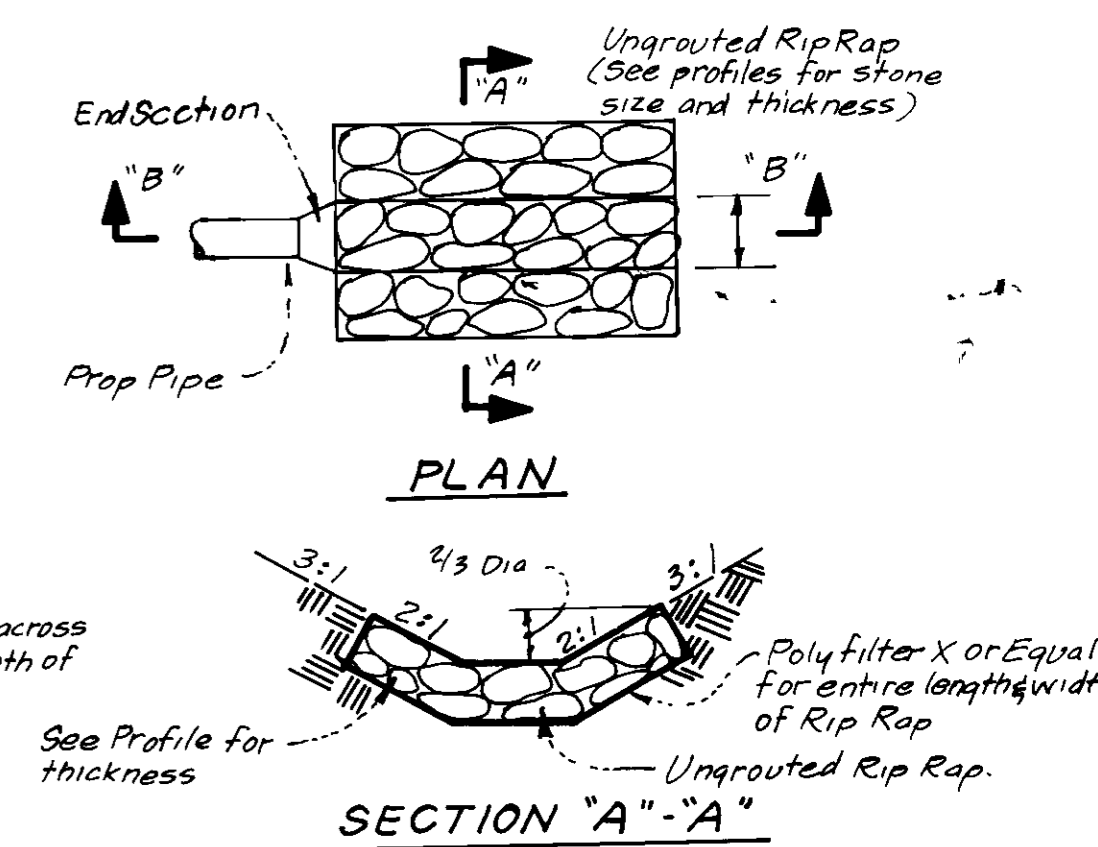
HORIZONTAL: 1" = 100'
 VERTICAL: 1" = 10'

STRUCTURE SCHEDULE						
STR No	TYPE	INV IN	INV OUT	TOP ELEVATION		REMARKS
				UPPER	LOWER	
S-78	Conc End Section	321.60	321.53			Ho Co Std. S0552 21" Dia See Plan
I-79	A-10 Inlet	322.91	322.66	329.20		" 50402 W:2'-6"
I-80	A-10 Inlet	325.90	325.35	331.50		" 50402 W:2'-6"
I-81	A-10 Inlet		327.50	333.50		" 50402 W:2'-6"
M-82	Shallow Brick Manhole	330.50	330.28	336.10		" 6505 48" Sq
I-83	A-5 Inlet w/Deflectors		332.00	337.93	337.83	" 50401 W:2'-6"

Δ All inverts to be fully developed
 * See Ho Co Std. SD 483 for inlet deflectors

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	RCP CL IV	85 LF
15"	OMP 16ga	24 LF
21"	RCP CL IV	90 LF
18"	RCP CL IV	125 LF

* 2 1/2" x 1/2" Corrugations



UNGRADED RIP RAP PAVING DETAIL
 NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-23-88
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: [Signature] DATE: 5-26-88
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 5/18/89
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 5-17-89

9-1-88

Reviewed for HOWARD S.C.D. Name: [Signature] and meets Technical Requirements Date: 5-16-88
 U.S. Soil Conservation Service
 DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Approved: [Signature] Date: 5-16-88

I/We certify that all development and construction will be done in accordance 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 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 recommended necessary.

Signature of Developer/Builder: [Signature] Date: 7/20/88

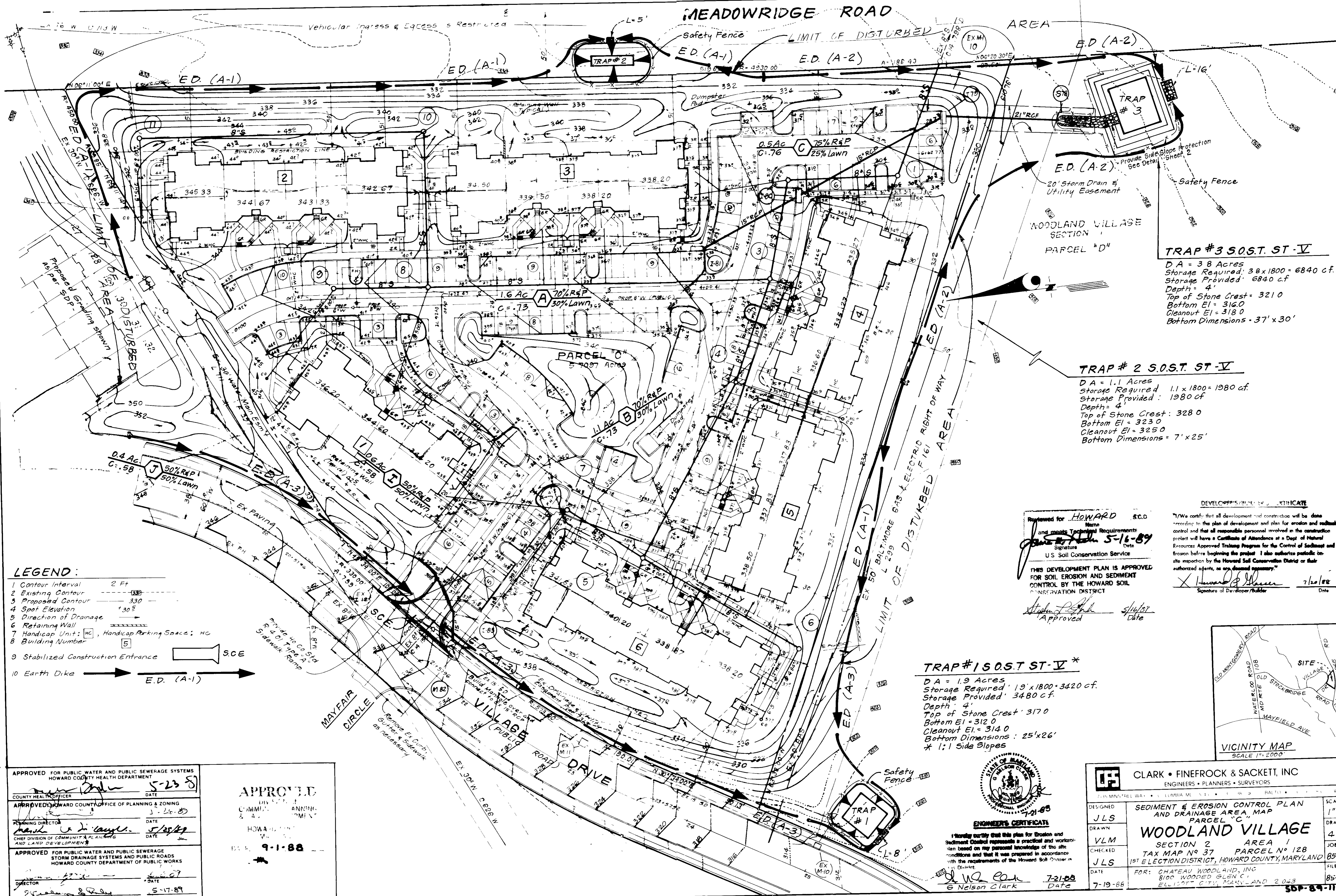


ENGINEER'S CERTIFICATE

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 of Engineer: [Signature] Date: 7-21-88

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7200 - BALTO • (301) 621-8100 - WASH
 DESIGNED: JLS
 DRAWN: VLM
 CHECKED: JLS
 DATE: 7-19-88
 SCALE: As Shown
 DRAWING: 3 of 6
 JOB NO: 85-148
 FILE NO: 85-148-X
 SITE DEVELOPMENT PLAN
 PARCEL "C"
 WOODLAND VILLAGE
 SECTION 2 AREA 1
 TAX MAP NO 37 PARCEL NO 128
 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 FOR: CHATEAU WOODLAND, INC
 8100 WOODED GLEN CT.
 ELLICOTT CITY, MARYLAND 21043



- LEGEND:**
- 1 Contour Interval 2 Ft
 - 2 Existing Contour
 - 3 Proposed Contour 330
 - 4 Spot Elevation +30.5
 - 5 Direction of Drainage
 - 6 Retaining Wall
 - 7 Handicap Unit: [HC], Handicap Parking Space: HC
 - 8 Building Number
 - 9 Stabilized Construction Entrance SCE
 - 10 Earth Dike E.D. (A-1)

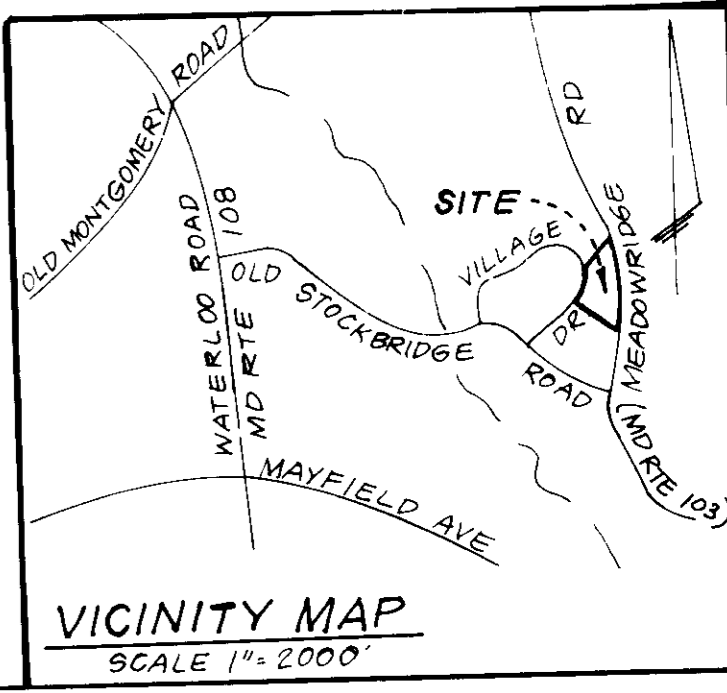
TRAP #3 S.O.S.T. ST-V
 D A = 3.8 Acres
 Storage Required: 38 x 1800 = 6840 cf.
 Storage Provided: 6840 cf.
 Depth = 4'
 Top of Stone Crest = 321.0
 Bottom El = 316.0
 Cleanout El = 318.0
 Bottom Dimensions = 37' x 30'

TRAP #2 S.O.S.T. ST-V
 D A = 1.1 Acres
 Storage Required: 1.1 x 1800 = 1980 cf.
 Storage Provided: 1980 cf.
 Depth = 4'
 Top of Stone Crest = 328.0
 Bottom El = 323.0
 Cleanout El = 325.0
 Bottom Dimensions = 7' x 25'

TRAP #1 S.O.S.T. ST-V *
 D A = 1.9 Acres
 Storage Required: 1.9 x 1800 = 3420 cf.
 Storage Provided: 3480 cf.
 Depth = 4'
 Top of Stone Crest = 317.0
 Bottom El = 312.0
 Cleanout El = 314.0
 Bottom Dimensions: 25' x 26'
 * 1:1 Side Slopes

Reviewed for **HOWARD** S.C.D.
 Name
 and meets Technical Requirements
 Date **5-16-89**
 Signature
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED
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 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT
 Approved **5/16/89**
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 site inspection by the Howard Soil Conservation District or their
 authorized agents, as an deemed necessary.
 Signature of Developer/Builder **7/20/88**
 Date



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER **5-23-89**
 DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR **5-25-89**
 DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR **5-17-89**
 DATE

APPROVE
 CIVIL ENGINEER
 COMMUNITY PLANNING
 & ZONING
 ADMIN.
 HOWARD COUNTY
 DATE **9-1-88**

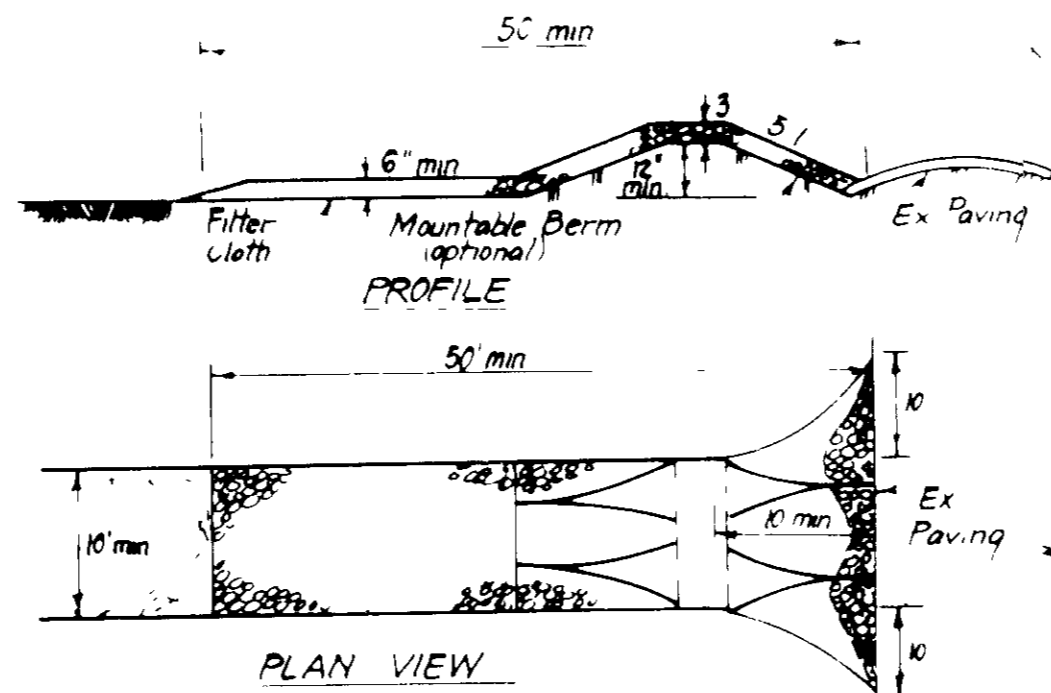


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 conditions and that it was prepared in accordance
 with the requirements of the Howard Soil Conservation
 District.
 Signature **6 Nelson Clark** **7-21-88**
 Date

CLARK • FINEFROCK & SACKETT, INC ENGINEERS • PLANNERS • SURVEYORS 715 N. MINNISTREE WAY • SUITE 100 • BALTIMORE, MARYLAND 21201		
DESIGNED JLS	SEDIMENT & EROSION CONTROL PLAN AND DRAINAGE AREA, MAP PARCEL "C" WOODLAND VILLAGE SECTION 2 AREA 1 TAX MAP NO 37 PARCEL NO 12B 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN VLM		DRAWING 4 of 6
CHECKED JLS	DATE 7-19-88	JOB NO 85-148 FILE NO 85-148SE

CONSTRUCTION SEQUENCE

	# OF DAYS
1 Obtain Grading Permit	7
2 Install Sediment & Erosion Control Measures	14
3 Grade Site	30
4 Construct Storm Drainage	30
5 Construct Utilities	20
6 Fine grade & construct buildings and paving	180
7 Stabilize all disturbed areas on site in accordance with Stds & Specifications	30
8 Upon approval of the sediment control inspector, remove sediment & erosion control measures and stabilize. Note that Trap # 3 is to remain in place until Storm Drainage is extended thru Parcel "D"	30

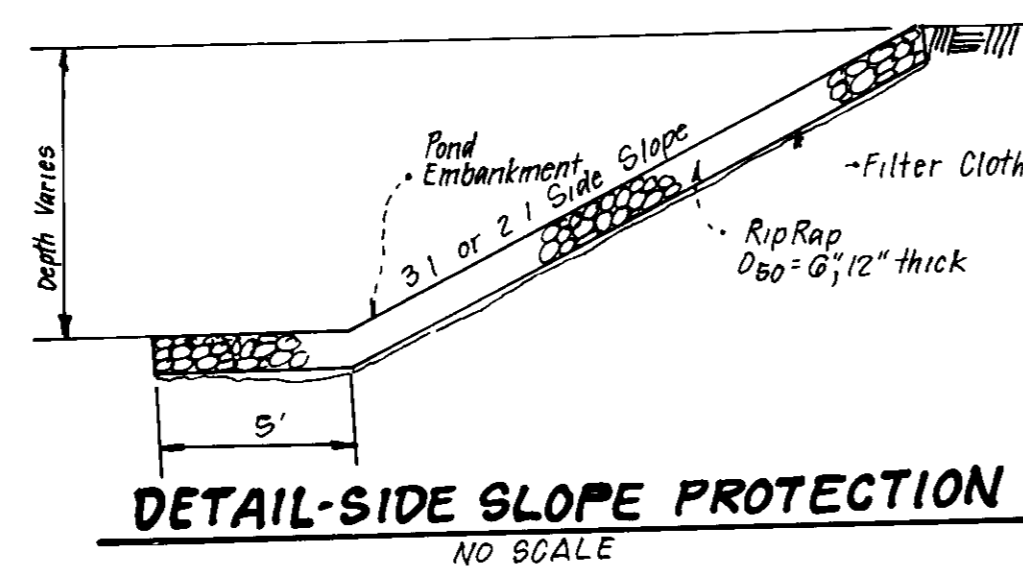


CONSTRUCTION SPECIFICATIONS

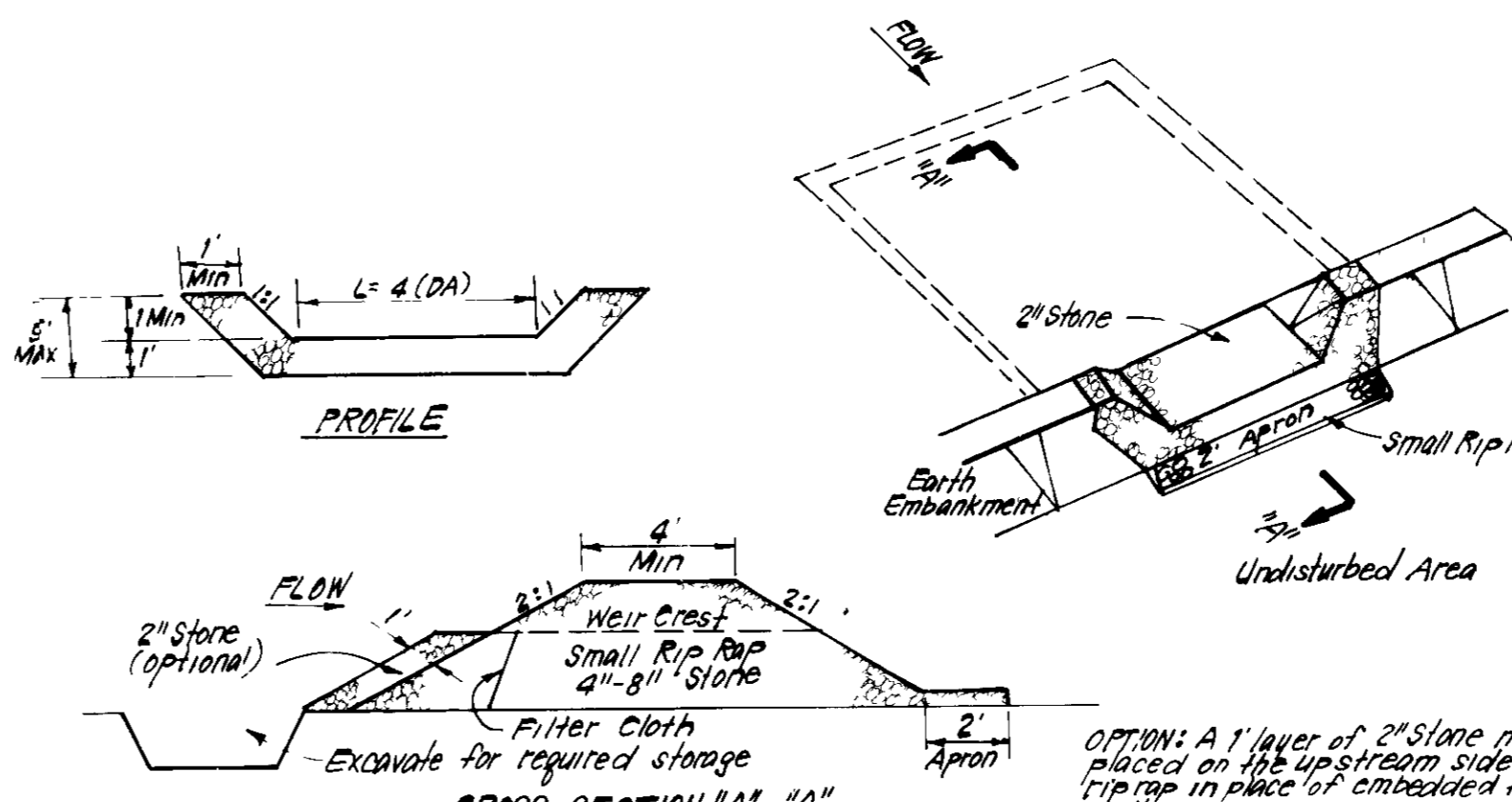
1. Stone size - Use 2" stone or recycled concrete equivalent
2. Length - As required, but not less than 50 feet except on a single residence lot where a 30 foot minimum length would apply
3. Thickness - Not less than six (6) inches
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounded berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned prior to entrance onto public rights-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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)

NO SCALE



DETAIL-SIDE SLOPE PROTECTION
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and roof mat. The rip rap area shall be cleared.
 2. 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.
 3. All cut and fill slopes shall be 2:1 or flatter.
 4. The stone used in the outlet shall be small rip rap 4"-8" along 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.
 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
 6. The structure shall be inspected after each rain and repairs made as needed.
 7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 8. 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.) STV.

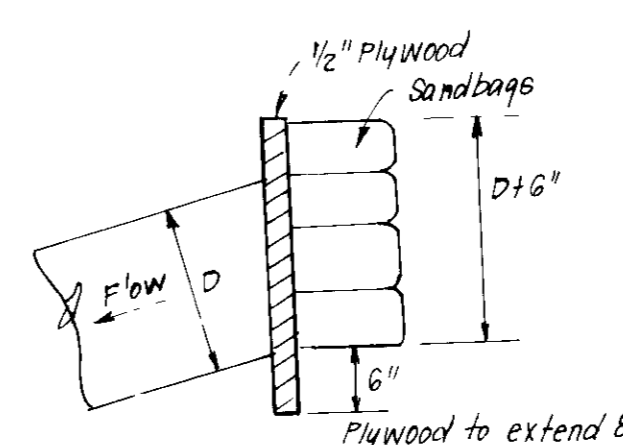
NO SCALE



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 7-21-88
Date



PIPE BLOCKING DETAIL

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:
- 1) 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).
 - 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 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 of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs/acre Kentucky 31 fall 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 gal 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 reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

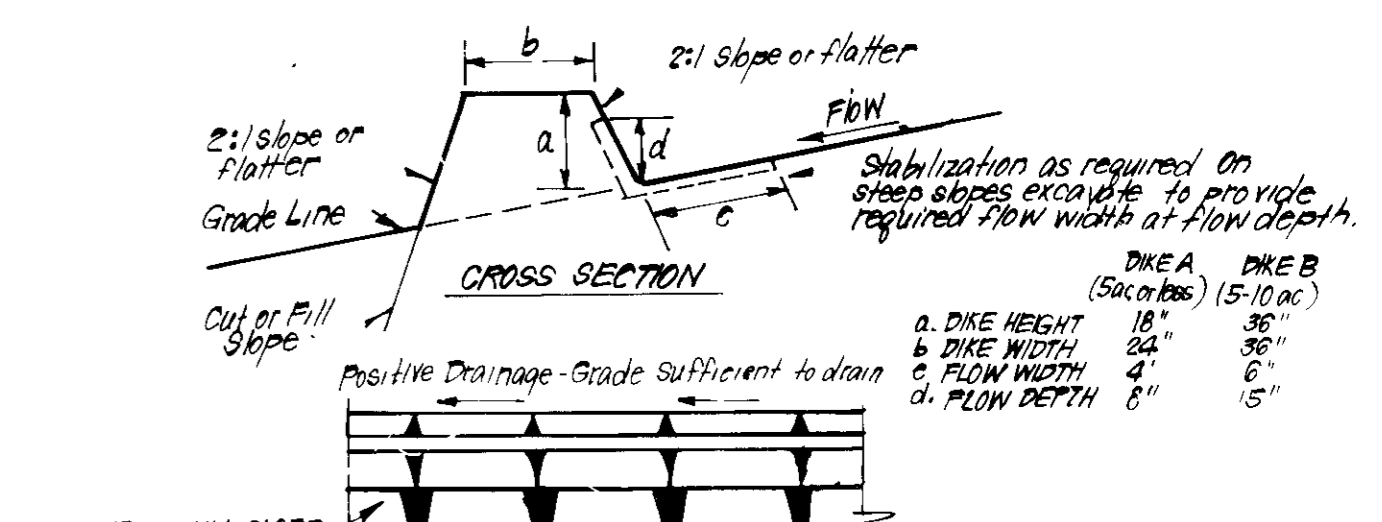
Seedbed Preparation Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 rye (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 net 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.



- CONSTRUCTION SPECIFICATIONS:**
1. All dikes shall be compacted by earth-moving equipment.
 2. All dikes shall have positive drainage to an outlet.
 3. Top width may be wider and side slopes may be flatter if desired, to facilitate crossing by construction traffic.
 4. Field location should be adjusted as needed to utilize a stabilized soft outlet.
 5. Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
 6. Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

TYPE OF TREATMENT	FLOW CHANNEL STABILIZATION	
	CHANNEL GRADE	DIKE
1	0.5 - 3.0%	Seed & Straw Mulch
2	3.1 - 5.0%	Seed & Straw Mulch
3	5.1 - 8.0%	Seed & Straw Mulch
4	8.1 - 20.0%	Lined Rip Rap 4" Stone Engineering Design

DIKE A (5-10 ac)
a. DIKE HEIGHT 18"
b. DIKE WIDTH 24"
c. FLOW WIDTH 4"
d. FLOW DEPTH 8"

DIKE B (5-10 ac)
a. DIKE HEIGHT 18"
b. DIKE WIDTH 24"
c. FLOW WIDTH 4"
d. FLOW DEPTH 8"

EARTH DIKE DETAIL (E.D.)

NO SCALE

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

5-23-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

9-1-88

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

5-17-89

Reviewed for HOWARD SCO

Signature: *Stephen L. White* 5-16-89

U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

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 erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic site site inspection by the Howard Soil Conservation District or their authorized agents, as may be deemed necessary.

Signature of Developer/Builder: *G. Nelson Clark* 7/20/88

STATE OF MARYLAND

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 of Engineer: *G. Nelson Clark* 7-21-88

CLARK • FINEFROCK & SACKETT, INC

ENGINEERS • PLANNERS • SURVEYORS

7111 MINISTREL WAY • COLUMBIA, MD 21046 • (410) 726-1100

DESIGNED: JLS

DRAWN: VLM

CHECKED: JLS

DATE: 7-19-88

SEDIMENT & EROSION CONTROL PLAN
PARCEL "C"

WOODLAND VILLAGE

SECTION 2 AREA 1

TAX MAP NO 37 PARCEL NO 128

1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

FOR CHATEAU WOODLAND, INC
8100 WOODED GLEN CT
ELLICOTT CITY, MARYLAND 21043

SCALE: As Shown

DRAWING: 5 of 6

JOB NO: 85-148

FILE NO: 85-148 SE

50P-89-11

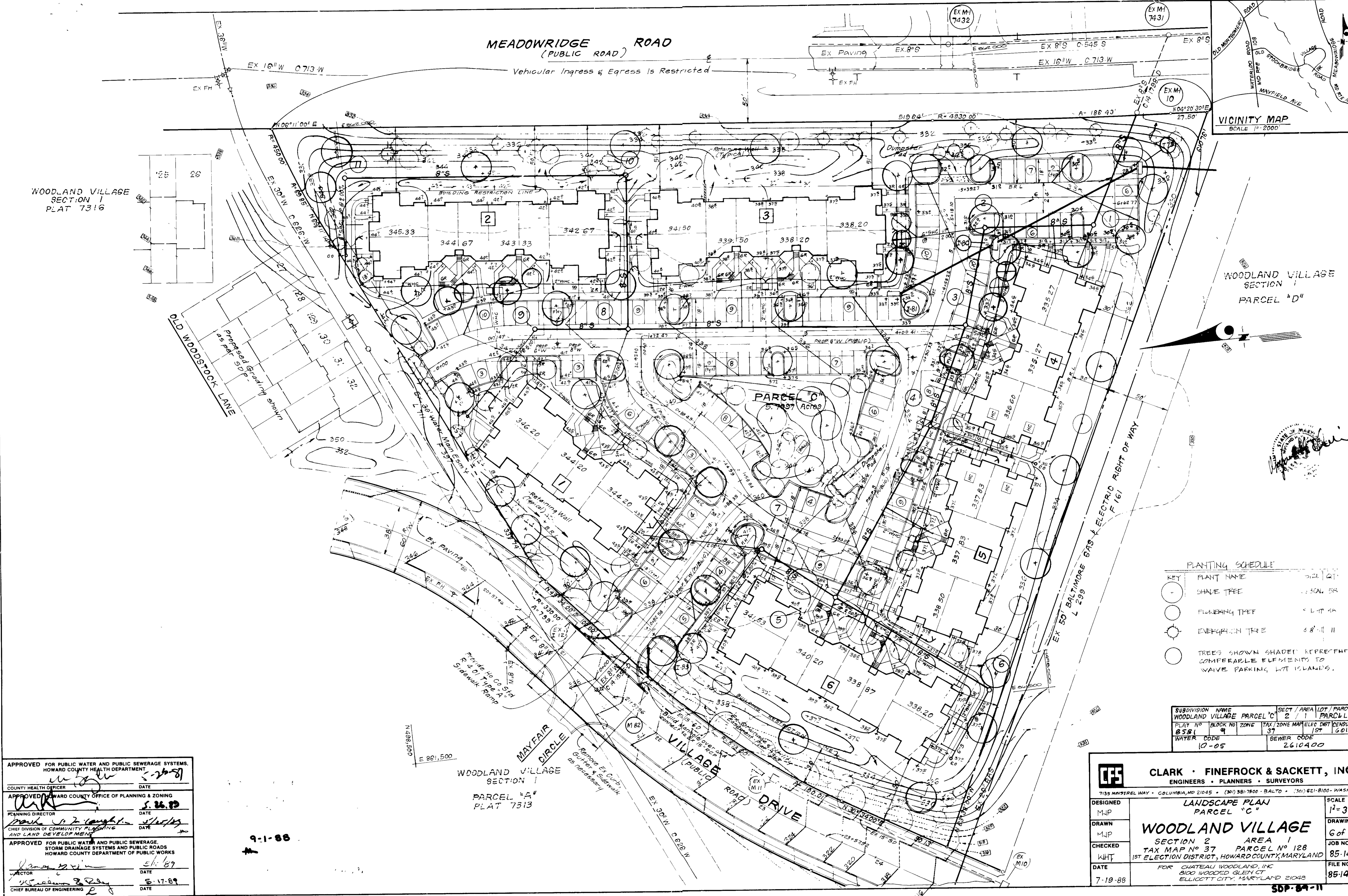
MEADOWRIDGE ROAD
(PUBLIC ROAD)

Vehicular Ingress & Egress Is Restricted

VICINITY MAP
SCALE 1"=2000'

WOODLAND VILLAGE
SECTION 1
PLAT 7316

WOODLAND VILLAGE
SECTION 1
PARCEL "D"



PLANTING SCHEDULE

KEY	PLANT NAME	QTY
○	SHADE TREE	12
○	FLORICULTURE TREE	4
○	EVERGREEN TREE	11
○	TREES SHOWN SHADED REPRESENT COMPENSABLE ELEMENTS TO WAIVE PARKING LOT ISLANDS.	

SUBDIVISION NAME	WOODLAND VILLAGE PARCEL "C"	SECT / AREA	2 / 1	LOT / PARCEL	128 / "C"
PLAT NO	8581	BLOCK NO	9	TAX / ZONE MAP	37 / 1ST
WATER CODE	17-05	SEWER CODE	2610400	ELEC DIST	6011

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 5-26-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE: 5-26-89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 5-17-89

WOODLAND VILLAGE
SECTION 1
PARCEL "A"
PLAT 7313

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

7135 MYSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7800 • BALTO • (301) 621-8100 • WASH

DESIGNED: MJP
DRAWN: MJP
CHECKED: KHT
DATE: 7-19-88

LANDSCAPE PLAN
PARCEL "C"

WOODLAND VILLAGE
SECTION 2 AREA 1
TAX MAP NO 37 PARCEL NO 128
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

FOR CHATEAU WOODLAND, INC
8100 WOODD GLEN CT
ELLICOTT CITY, MARYLAND 21043

SCALE: 1"=30'
DRAWING: 6 of 6
JOB NO: 85-148
FILE NO: 85-148LS

9-1-88