

- GENERAL NOTES:**
- All materials and construction to be in accordance with Howard County Road Construction Code and Specifications.
 - This Plan is covered by Final Development Plan Phase 1B Part I.
 - Any damage to county owned rights of way shall be corrected at the developer's expense.
 - Installation of Traffic Control Devices shall be in accordance with the latest edition of the "Manual of Uniform Traffic Control".
 - Topography was compiled from actual field survey.
 - The area included is located on Tax Map #35.
 - All driveways and parking areas to be privately owned and maintained.
 - All coordinates are based on Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinate System.
 - Class "C" trench bedding shall be used for all storm drainage unless shown otherwise.
 - Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and depth of the lines by digging test pits, by hand, at all utility crossings, well in advance of construction.
 - The contractor or developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 932-2417 or 792-7272.
 - All downspout drains shall be handled by one of the following methods:
A. Downspout to splash blocks and discharged to ground having good permeability.
B. Downspout in front of units, piped to curb.
C. Downspout connected to storm drain.
 - The developer agrees to work with the Department of Licenses and Inspections to resolve any problems caused by roofwater discharge.
 - Handicap Parking signs shown thus: shall be placed in approximate location shown in plan in accordance with the Maryland Building Code for the Handicapped, Sec. 107.5.01-7.05.
 - All setbacks and criteria as shown in F.D.P. 1B1, Part II.
 - Zoning: New Town (Apts)
 - Area: 10.314 Acres
 - No. of Units shown: 196
 - No. of Units Permitted: 196
 - No. of Parking Spaces Provided: 306
 - No. of Parking Spaces Required: 292
 - Stormwater Management provided in Central Facility under F-83-120.

LEGEND:

- 1 Contour Interval 2 FT.
- 2 Existing Contour - - - - -
- 3 Proposed Contour - - - - -
- 4 Spot Elevation +205
- 5 Direction of Drainage - - - - -
- 6 Proposed Storm Drainage - - - - -

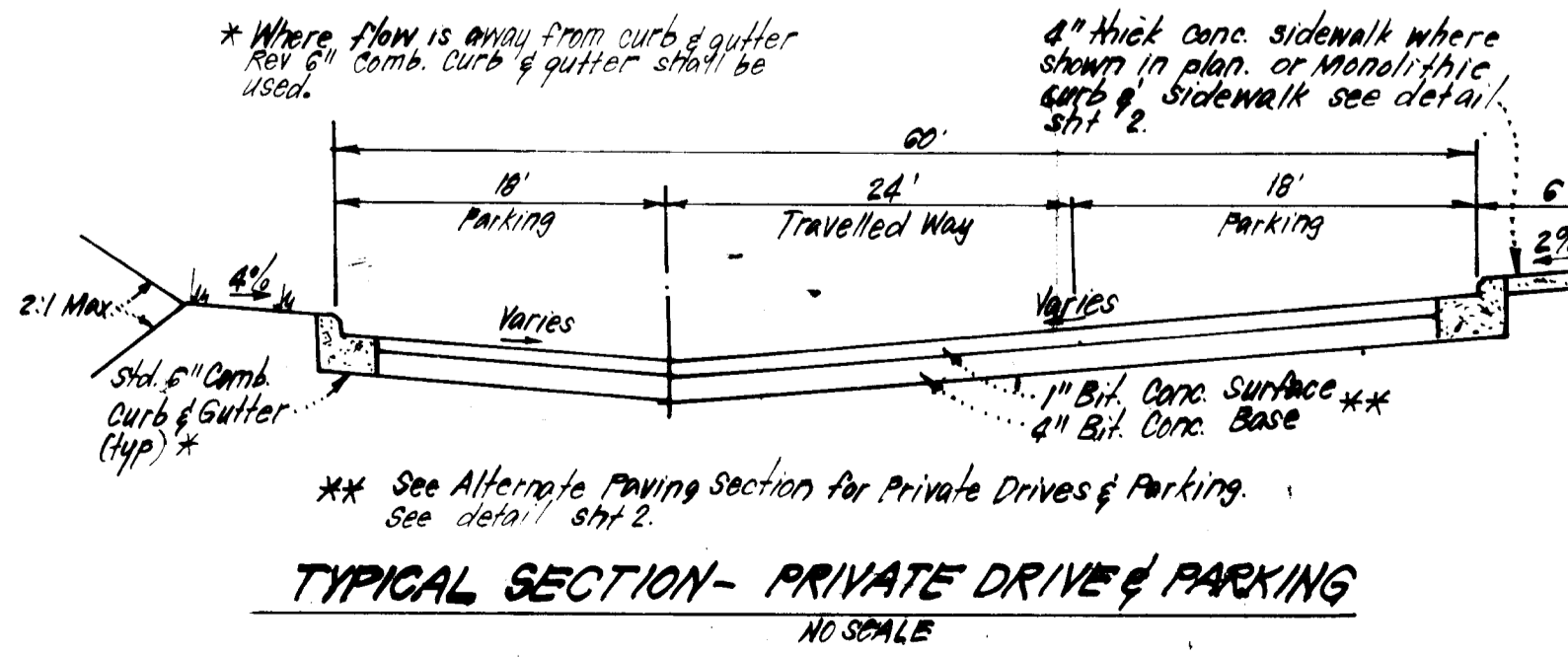
THE HOWARD RESEARCH & DEVELOPMENT CORP.
PARCEL J
VILLAGE OF HICKORY RIDGE
SECTION 3
ZONED NEW TOWN (APTS)
PLAT # 11-2-83

ADDRESS CHART

BLDG No.	STREET ADDRESS
1	12100 E 12104 Little Patuxent Parkway
2	12110/12140/118 "
3	12122 & 12126 "
4	12130 & 12134 "
5	12200/12254 Green Meadow Drive
6	12260 & 12264 "
7	12270 & 12274 "
8	12280 & 12284 "

UNIT ANALYSIS

BLDG No.	ONE BEDROOM	TWO BEDROOM	TOTALS
1	12	12	24
2	12	12	24
3	12	12	24
4	12	12	24
5	12	12	24
6	12	12	24
7	12	12	24
8	12	12	24
TOTALS	96	102	196



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

DATE: 5-1-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 5-8-84

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

DATE: 11-2-83

DATE: 4-25-84

DATE: 4-25-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 11-2-83

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

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

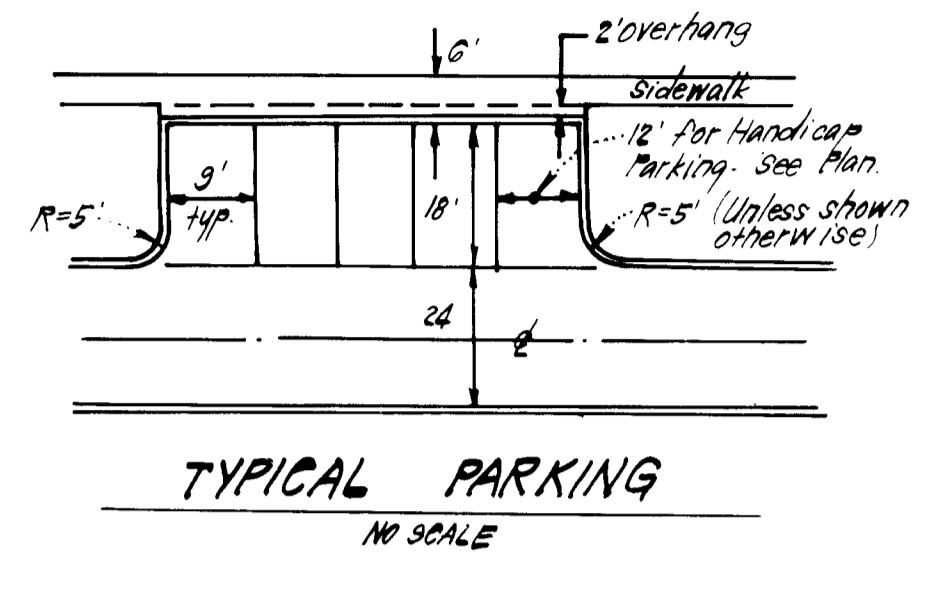
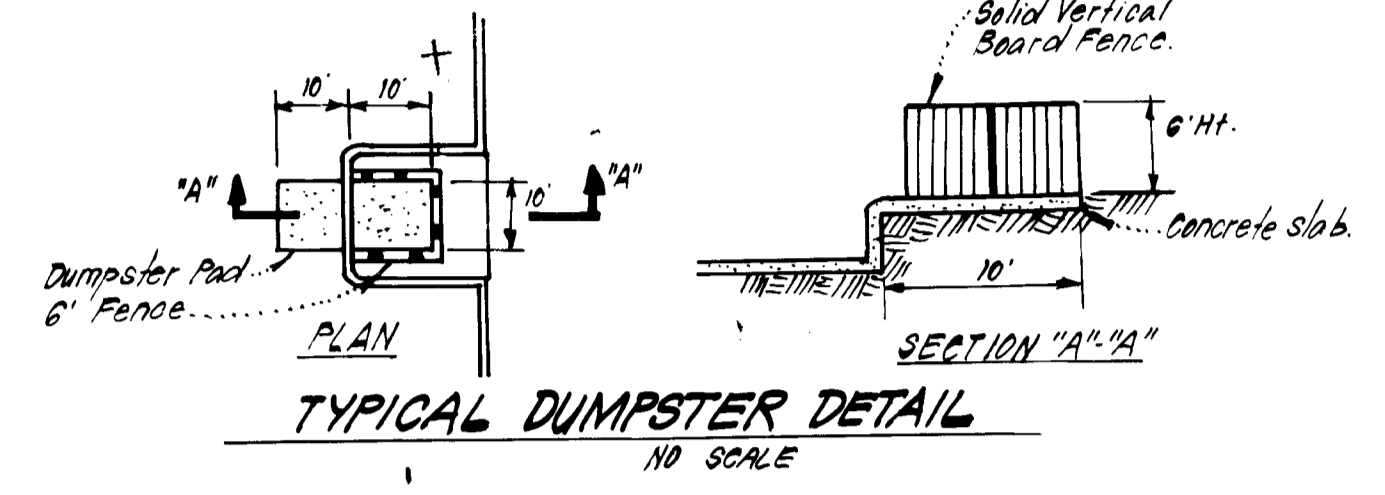
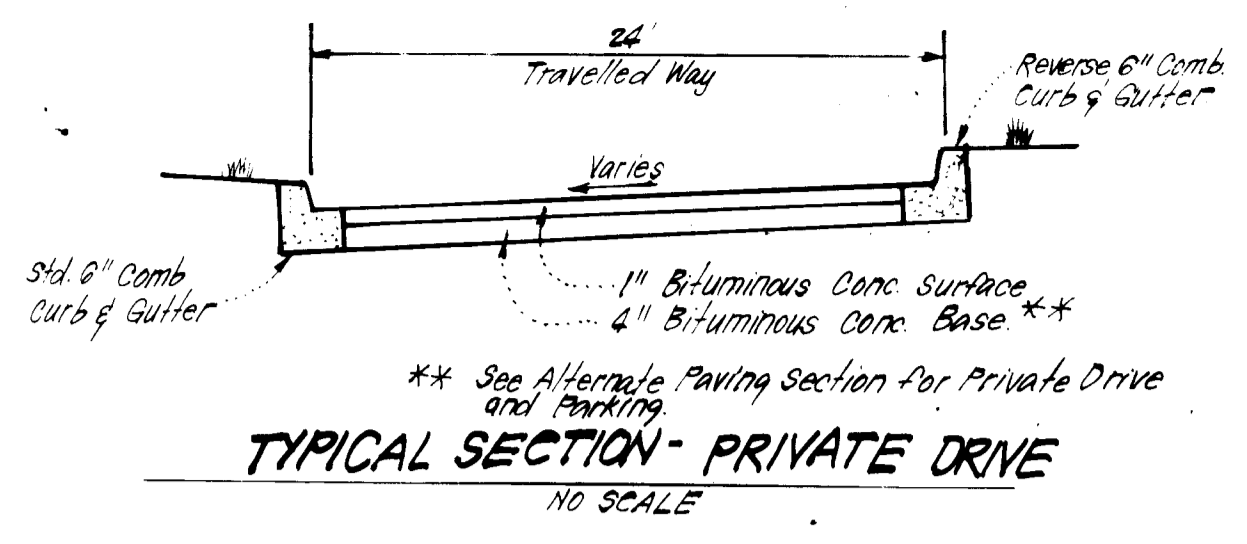
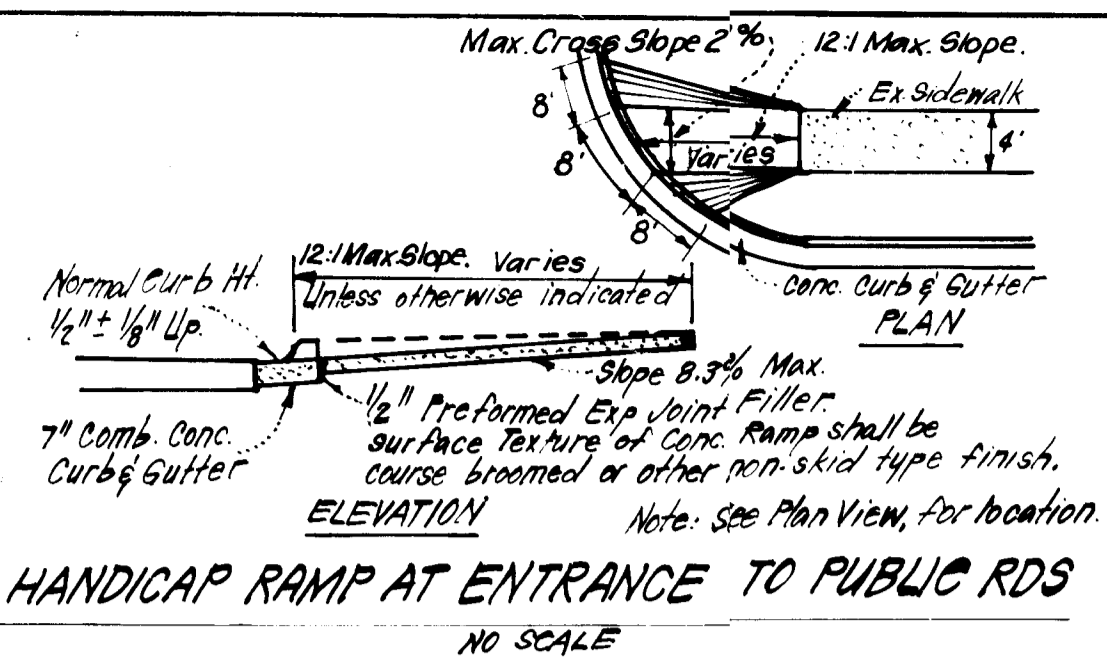
DESIGNED: WRMS
DRAWN: RYM
CHECKED: WRMS
DATE: 10-28-83

SITE DEVELOPMENT PLAN
PARCEL 'K'
COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 3 AREA 4
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: THE HOWARD RESEARCH & DEVELOPMENT CORP.
10275 LITTLE PATUXENT PKWY.
COLUMBIA, MD. 21044

SCALE: 1"=30'
DRAWING: 1 OF 8
JOB NO.: R3-060
FILE NO.: R3-060-X

SDP-84-56c



Bituminous Conc. Surface	1 1/2"
Bituminous Conc. Base	2"
Prime	
4" Dense Graded Stabilized Aggregate Base Course or 5" Crusher Run Base Course	4" or 5"
12" for Handicap Parking (See Plan Unless Shown otherwise)	

ALTERNATE PAVING SECTION PRIVATE DRIVE & PARKING
NO SCALE

Bituminous Conc. Surface	1 1/2"
Bituminous Conc. Base	4 1/2"
Prime	
6" Crusher Run Base Course or 4 1/2" Dense Graded Stabilized Aggregate Base Course	6" or 4 1/2"

ALTERNATE PAVING SECTION FOR ENTRANCES @ PUBLIC ROADS
NO SCALE

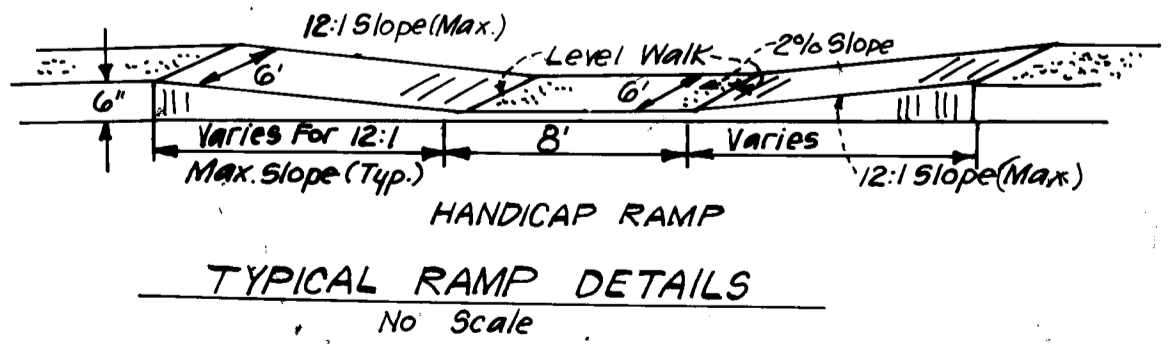
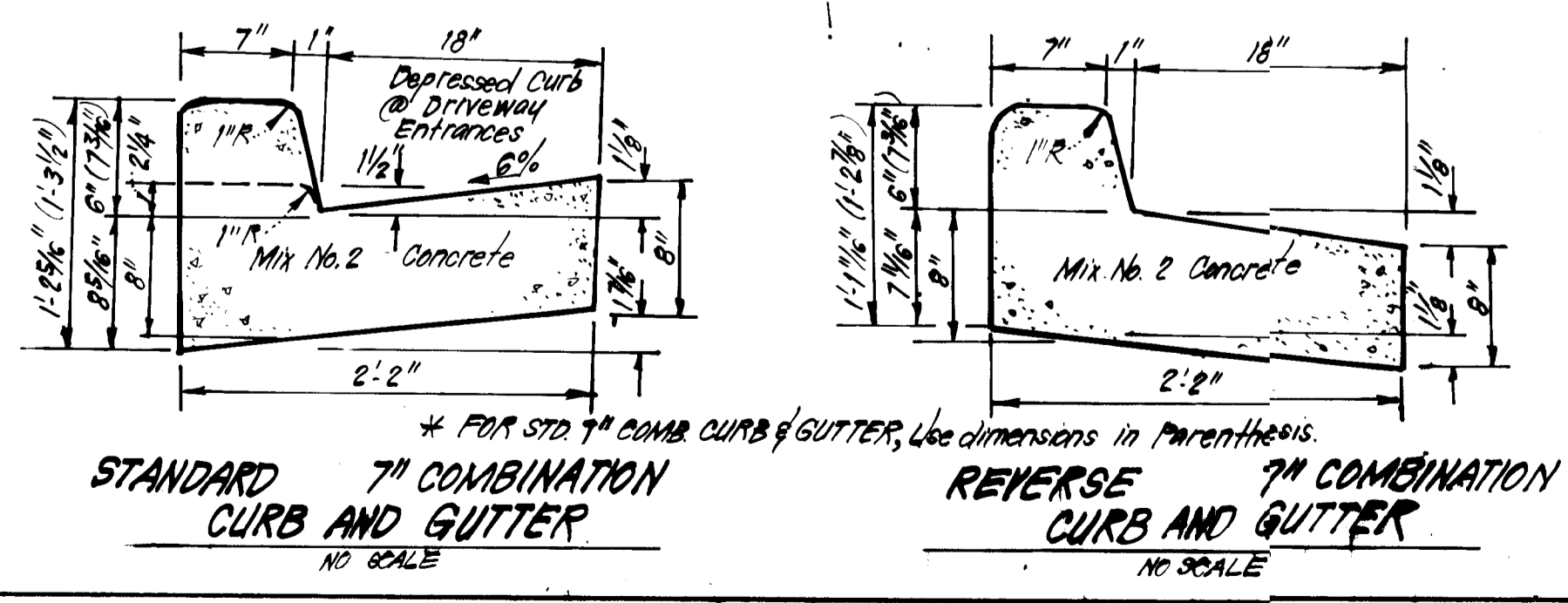
Bituminous Conc. Surface	1 1/2"
Bituminous Conc. Base	1 1/2"
5" Bituminous Conc. Base	5"

PAVING SECTION FOR ENTRANCES @ PUBLIC ROADS
NO SCALE

NO	REVISION	DATE
1	Revised Curb & Gutter and Handicap Ramp Details.	9-17-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 11-2-83
M. J. M.

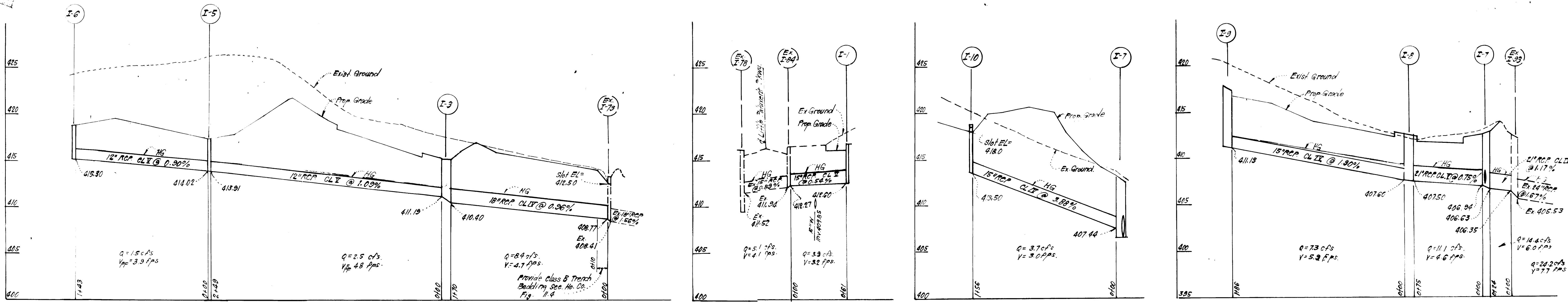
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-1-84
COUNTRY HEALTH OFFICER
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 5-8-84
PLANNING DIRECTOR
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 4-25-84
DIRECTOR
CHIEF BUREAU OF ENGINEERING



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	SITE DEVELOPMENT PLAN	SCALE
DRAWN	PARCEL "K"	1" = 30'
CHECKED	COLUMBIA	DRAWING
DATE	VILLAGE OF HICKORY RIDGE	20FB
	SECTION 3 AREA 4	JOB NO.
	5TH ELECTION DISTRICT	AS-200
	HOWARD COUNTY, MARYLAND	FILE NO.
	FOR: The Howard Research & Development Corp.	RS-200-1
	10275 Little Patuxent Pkwy.	
	Columbia, Md. 21044	

10-28-83



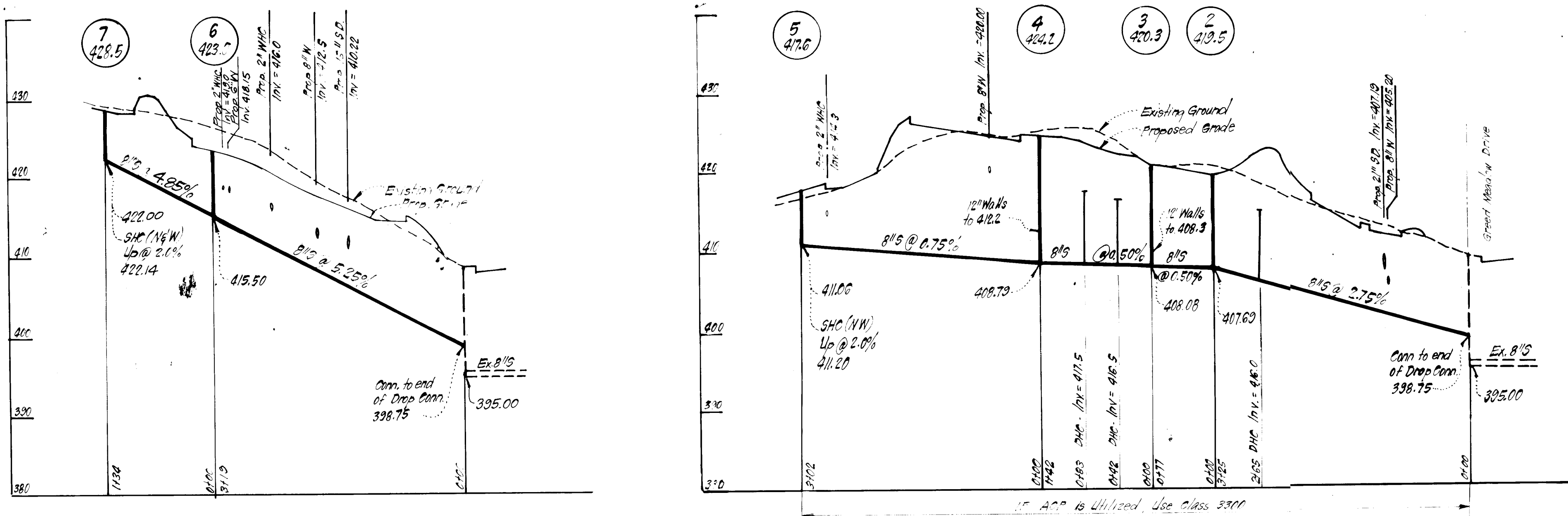
STORM DRAINAGE PROFILES

SCALE: HORIZ. 1"=50'
VERT. 1"=5'

STRUCTURE SCHEDULE A							
No.	TYPE	INV. IN	INV. OUT	TOP ELEVATION		REMARKS	LOCATION
				UPPER	LOWER		
* I-1	A-10 Inlet w/Deflectors	-	418.80	416.92	416.50	Ho. Co. Std. SD 4-02 W=2'-6"	See Plan
* I-3	A-10 Inlet	411.19	410.80	415.80	415.80	" " SD 4-02 W=2'-6"	" "
I-5	Vard Inlet	418.02	413.91	417.90	417.90	" " SD 4-14 24" Rd	" "
I-6	Vard Inlet	-	415.30	418.80	418.80	" " SD 4-14 24" Rd	" "
I-7	A-10 Inlet	406.34	406.63	413.31	412.50	" " SD 4-02 W=3'-0"	" "
I-8	A-10 Inlet	407.80	407.50	412.68	412.50	" " SD 4-02 W=3'-0"	" "
* I-9	A-10 Inlet w/Deflectors	-	411.13	417.90	417.24	" " SD 4-02 W=2'-6"	" "
* I-10	A-10 Inlet	-	413.50	418.83	418.83	" " SD 4-11 2'-6" 16g	" "

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
12"	RCP CLV	392 LF
15"	RCP CLV	61 LF
15"	RCP CLV	392 LF
21"	RCP CLV	75 LF
21"	RCP CLV	24 LF
18"	RCP CLV	170 LF

* See Ho. Co. Std. SD 4-83 for Inlet Deflectors
Provide slots in all Sides
Δ All Inverts to be fully developed



WATER & SEWER PROFILES

SCALE: HORIZ. 1"=10'
VERT. 1"=10'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 5-1-84
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 5-8-84
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 4-25-84
DATE: 4-25-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 11-2-83

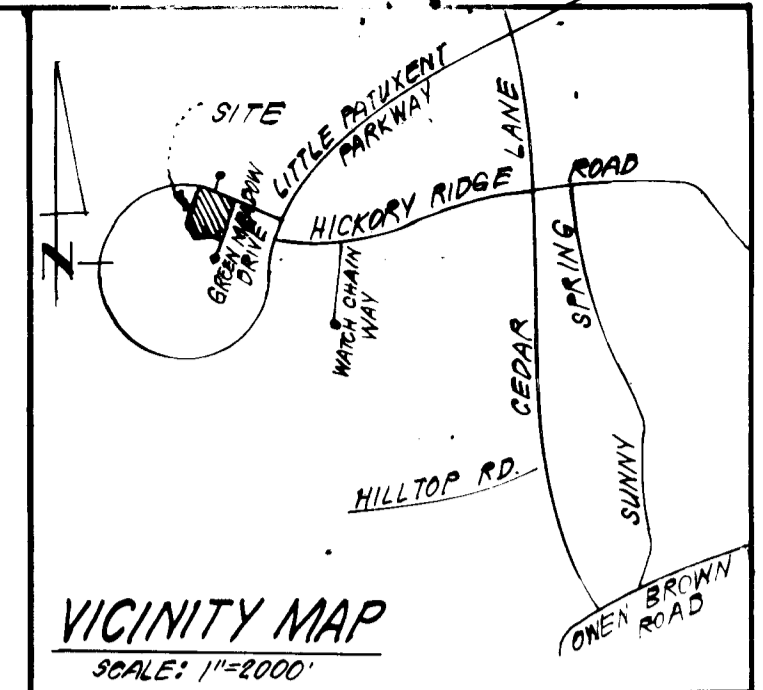
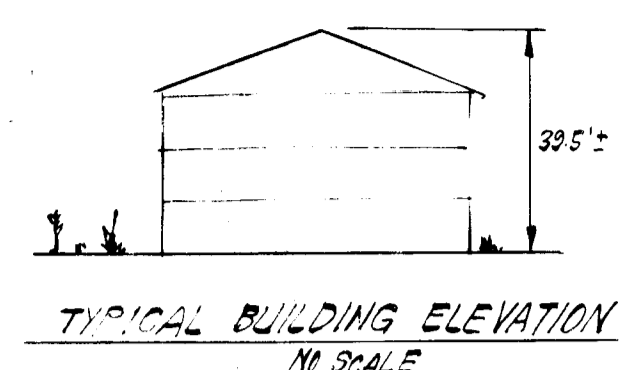
WATER AND SEWER NOTES:

- All sewer mains shall be PVC, CSPX, VOPX, or ACP Class 2000 except where indicated.
- All construction methods and materials for onsite, private water & sewer systems shall follow the current edition of the Howard County Plumbing Code, Supplement by the Howard County Standard Details and Specifications where necessary.
- All Water Mains shall be C.I.P. or D.I.P.
- All Water Mains have a minimum of 3.5' of cover.
- Block all fittings with concrete.
- Sewer house connections shall be built to within 5' of buildings, at a slope of 2%. Inlets for drop house connections (DHC) are placed at the top of the drop.
- Areas where water house connections are to be built shall be at final grade and connections shall be laid with a minimum of 3.5' of cover.
- If brick manholes are utilized, walls shall be 12" thick up to elevations shown on profiles.

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

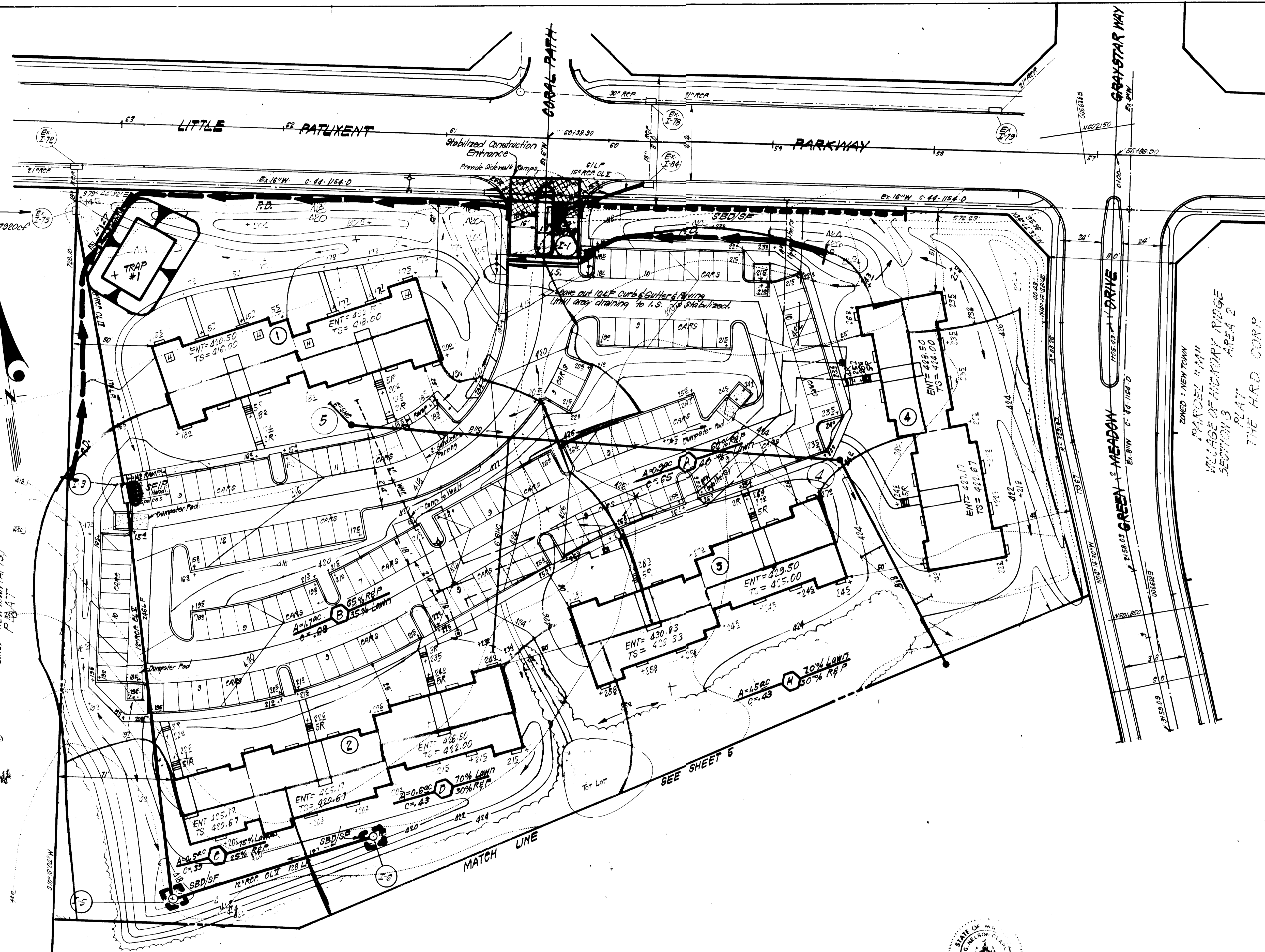
DESIGNED	JLS	SITE DEVELOPMENT PLAN PARCEL "K"	SCALE	As Shown
DRAWN	KTW	COLUMBIA	DRAWING	30-B
CHECKED	JLS	VILLAGE OF HICKORY RIDGE SECTION 3 AREA 4 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.	83-066
DATE	10-28-83	FOR: The Howard Research & Development Corp. 10275 Little Patuxent Pkwy Columbia, Md. 21042	FILE NO.	83-066-X

SDP-84-36C



TRAP #1 S.O.S.T. (ST-3)
 DA = 4.4 Acres
 Storage Required = 4.4(1800) = 7920 cu ft
 Storage Provided = 7920 cu ft
 Depth = 4'
 Top of Stone Crest = 414.0
 Bottom Elevation = 410.0
 Bottom Dimensions = 44' x 28'

THE HOWARD RESEARCH & DEVELOPMENT CORP.
 PARCEL J
 VILLAGE OF HICKORY RIDGE
 SECTION 3
 AREA 4
 ZONED: NEW TOWN (APTS)
 PLAT # 1



- LEGEND:**
- 1 Contour Interval 2 FT.
 - 2 Existing Contour
 - 3 Proposed Contour
 - 4 Spot Elevation
 - 5 Direction of Drainage
 - 6 Proposed Storm Drainage
 - 7 Stabilized Construction Entrance
 - 8 Perimeter Dike
 - 9 Straw Bale Dike or Silt Fence
 - 10 Stone Filter Inlet Protection
 - 11 Interceptor Swale

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *James M. Dech* 5-1-84
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR *James M. Dech* 5-8-84
 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT *James M. Dech* 5-1-84
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *John F. Neuman* 4-25-84
 DATE
 CHIEF BUREAU OF ENGINEERING *John F. Neuman* 4-25-84
 DATE

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 11-2-83

Reviewed for: **HOWARD S.C.D.**
 Name: *James M. Dech* 4-23-84
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE U.S. SOIL CONSERVATION
 DISTRICT.
Joseph K. Benjamin 4/23/84
 Approved Date

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 on-site
 inspection by the Howard Soil Conservation District or their
 authorized agents, as are deemed necessary."
 Signature of Developer/Builder: *Neil Meyerhoff* Date: 12-12-83



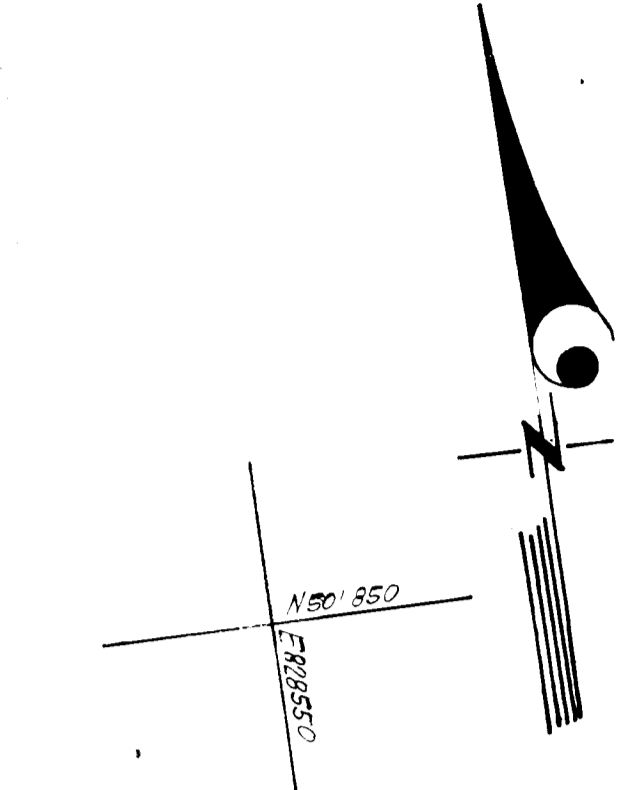
ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and
 Sediment Control is in accordance with the
 requirements of the Maryland Department of
 Natural Resources.
 Signature: *G. Nelson Clark* Date: 12-13-83

SUBDIVISION NAME	VILLAGE OF HICKORY RIDGE	SECT./AREA/LOT/PARCEL #	3/4
PLAT OR L.P.	BLOCK #	ZONE	TAI/ZONE MAP
		ELE. DIST.	5TH
		CENSUS TR.	
WATER CODE		SEWER CODE	

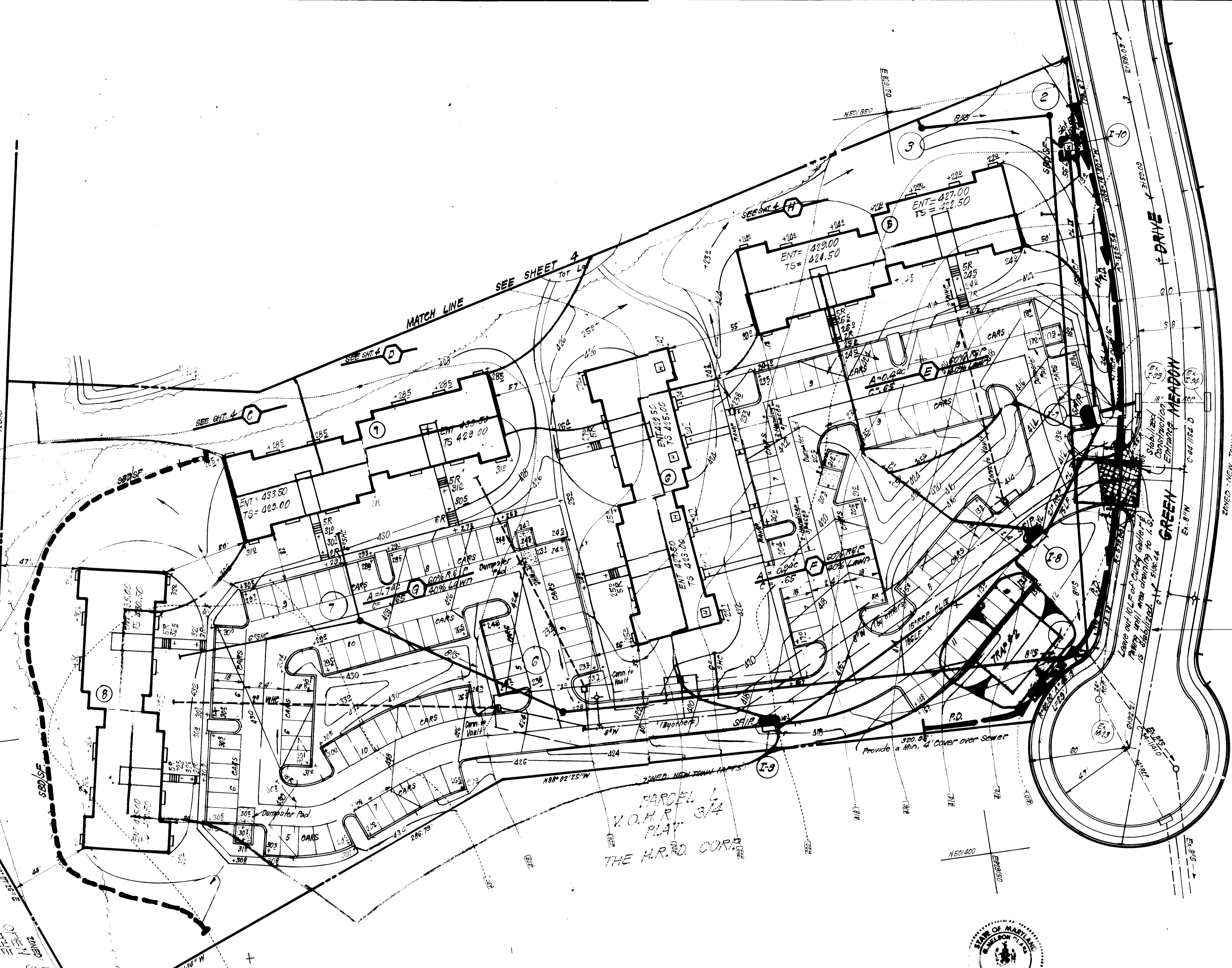
CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	<i>J.S.</i>	SEDIMENT EROSION CONTROL PLAN & DRAINAGE AREA MAP COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 4 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: The Howard Research & Development Corp. 10275 Little Patient Hwy., Columbia, Md. 21044	SCALE	1" = 50'
DRAWN	<i>J.S.</i>		DRAWING	40FB
CHECKED	<i>J.S.</i>		JOB NO.	83-068
DATE	10-28-83		FILE NO.	83-068-8E

SDP-84-56c



THE HOWARD RESEARCH & DEVELOPMENT CORP.
 PARCEL J
 VILLAGE OF HICKORY RIDGE
 SECTION 3
 AREA 4
 PLAN



ZONED: NEW TOWN PARTS
 PARCEL M
 VILLAGE OF HICKORY RIDGE
 SECTION 3
 AREA 4
 PLAN
 THE H.R.D. CORP.

TRAP #2 S.O.S.T. (ST-9)
 DA = 4.8 Acres
 Storage Required = 4.8 (1800) = 8640 CF
 Storage Provided = 8632 CF
 Depth = 4'
 Top of Stone Crest = 409.0
 Bottom Elevation = 405.0
 Bottom Dimensions = 33' x 45'

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 11-2-83
11/4/83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER [Signature] DATE 5-1-84
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR [Signature] DATE 5-8-84
 CHIEF DIVISION OF LAND DEVELOPMENT/ZONING ADMIN. [Signature] DATE 5-7-84
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR [Signature] DATE 4-25-84
 CHIEF BUREAU OF ENGINEERING [Signature] DATE 4-25-84

Reviewed for: HOWARD S.C.D.
 Name
 Date 4-23-81
 U.S. SOIL CONSERVATION SERVICE
 APPROVED
 FOR EROSION CONTROL BY THE
 SOIL CONSERVATION DISTRICT

[Signature] Approved 4/23/81
 Date

DEVELOPER'S/BUILDER'S CERTIFICATE
 "I hereby 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 a public on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."
[Signature] 12-12-83
 Signature of Developer/Builder Date



ENGINEER'S CERTIFICATE
 I hereby certify that this plan of development and plan for erosion and sediment control was prepared by me or under my direct supervision and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
[Signature] 12-13-83
 Signature of Engineer Date

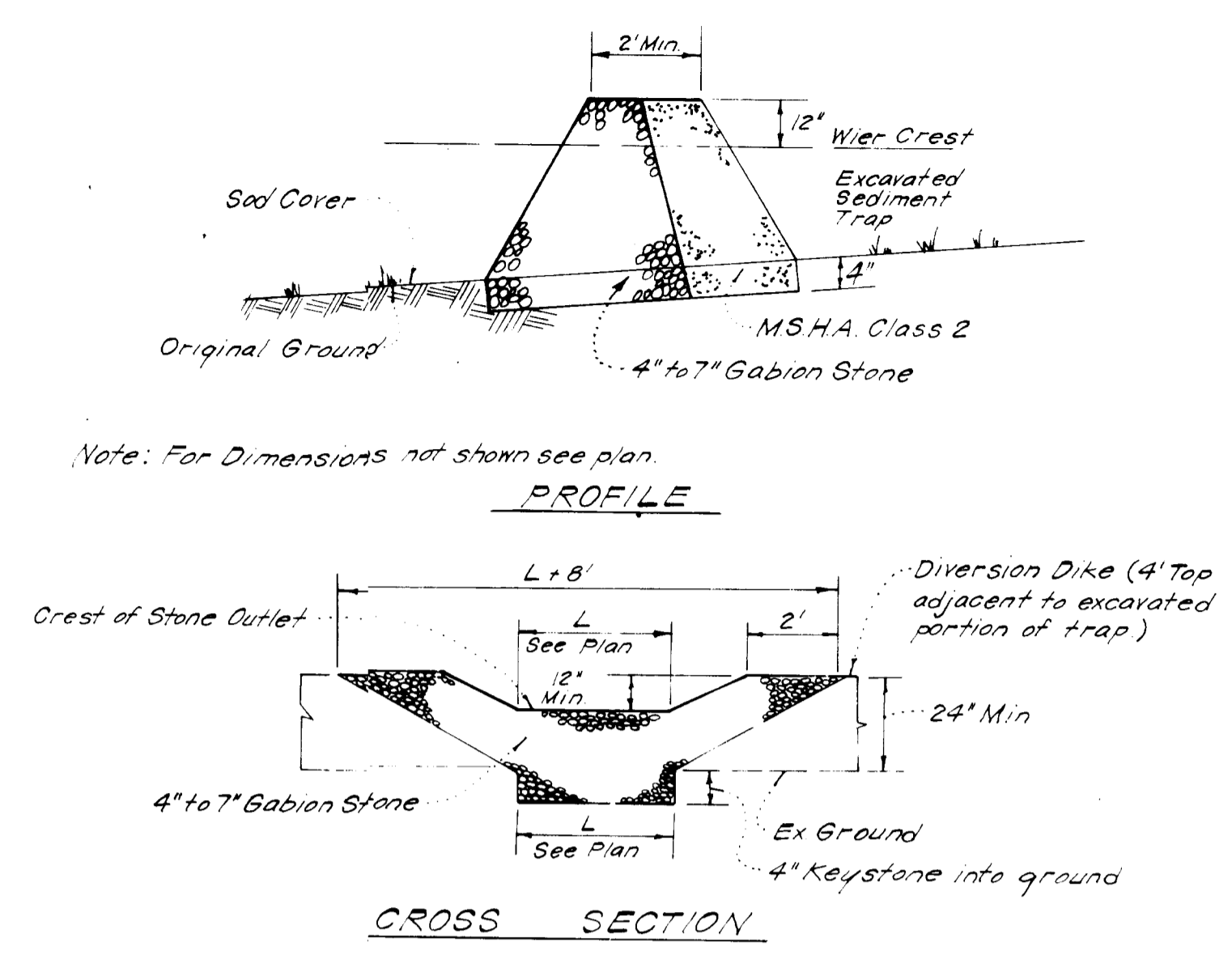
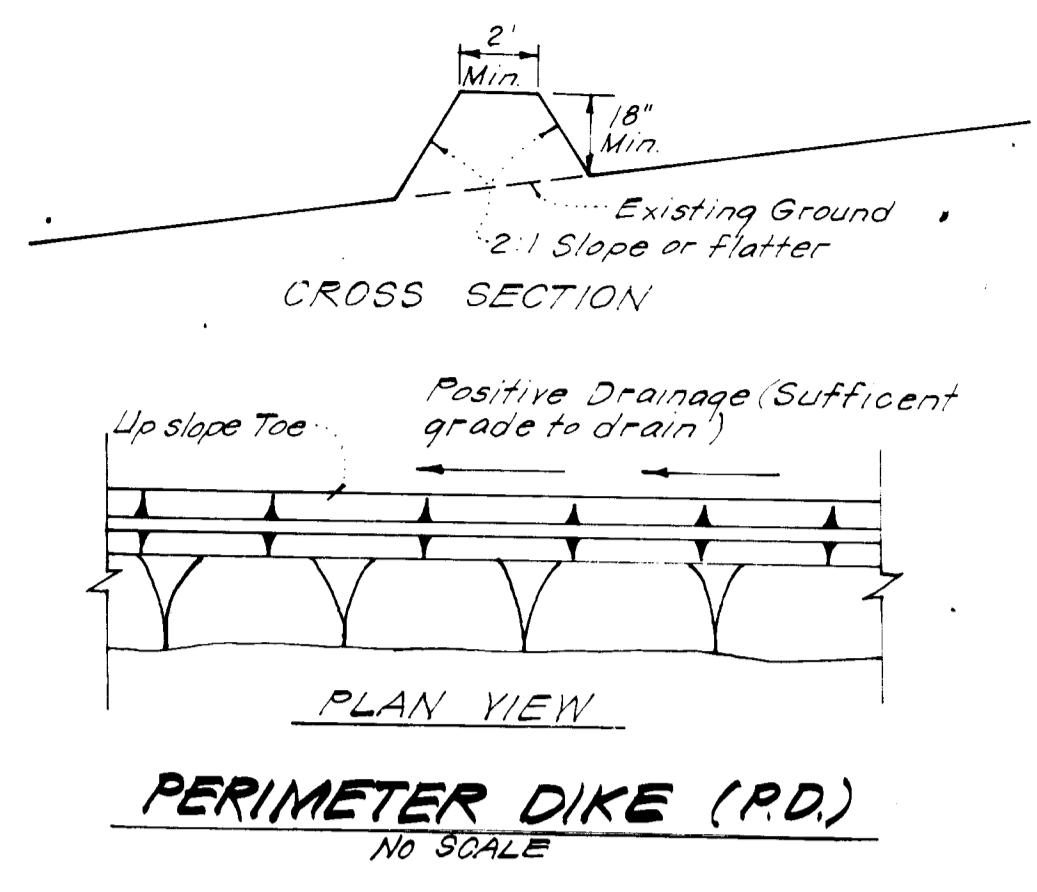
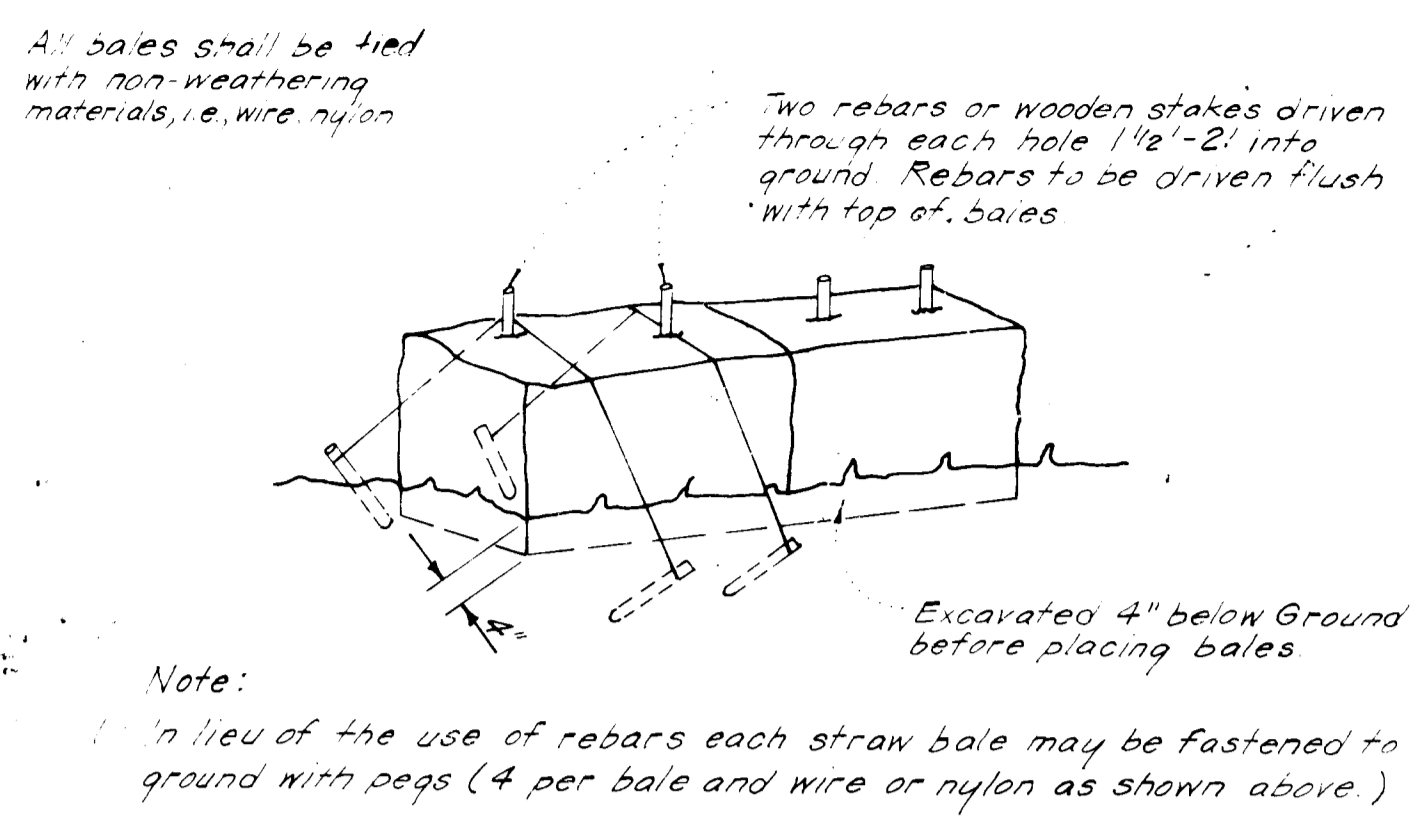
CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 (301) 593-3400		DESIGNED	SEDIMENT EROSION CONTROL PLAN & DRAINAGE AREA MAP PARCEL J COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 4 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: The Howard Research & Development Corp 10275 Little Patuxent Pkwy. Columbia, Md. 21044	SCALE
		DRAWN		1"=30'
CHECKED			DRAWING	5 OF 8
DATE			JOB NO.	83-066-SF
			FILE NO.	83-066-SF

SDP-84-56c

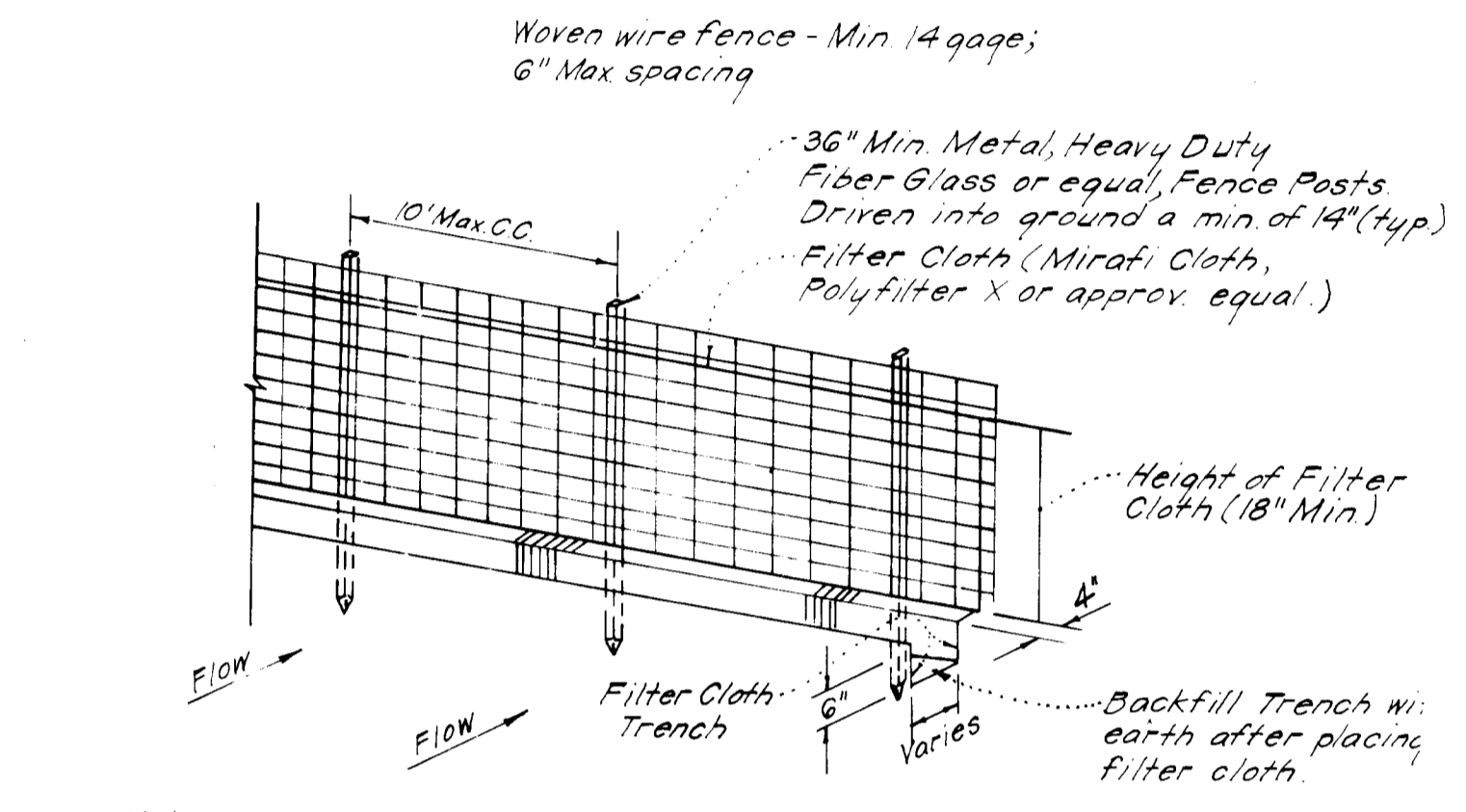
GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual type applied at a rate of 14 lbs/1000 sf.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All disturbed area to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3.55/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual type.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 20 lbs/1000 sf.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e.; asphalt racks, chemical binder etc.
 - All Seed used shall be Maryland State Certified.
- All structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-Site Inspection and Maintenance of all Sediment Control Measures includes clean out of Sediment Traps and Dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet.
- Total Amount of Straw Bales or Silt Fence shown = 430 L.F.
- SITE ANALYSIS:

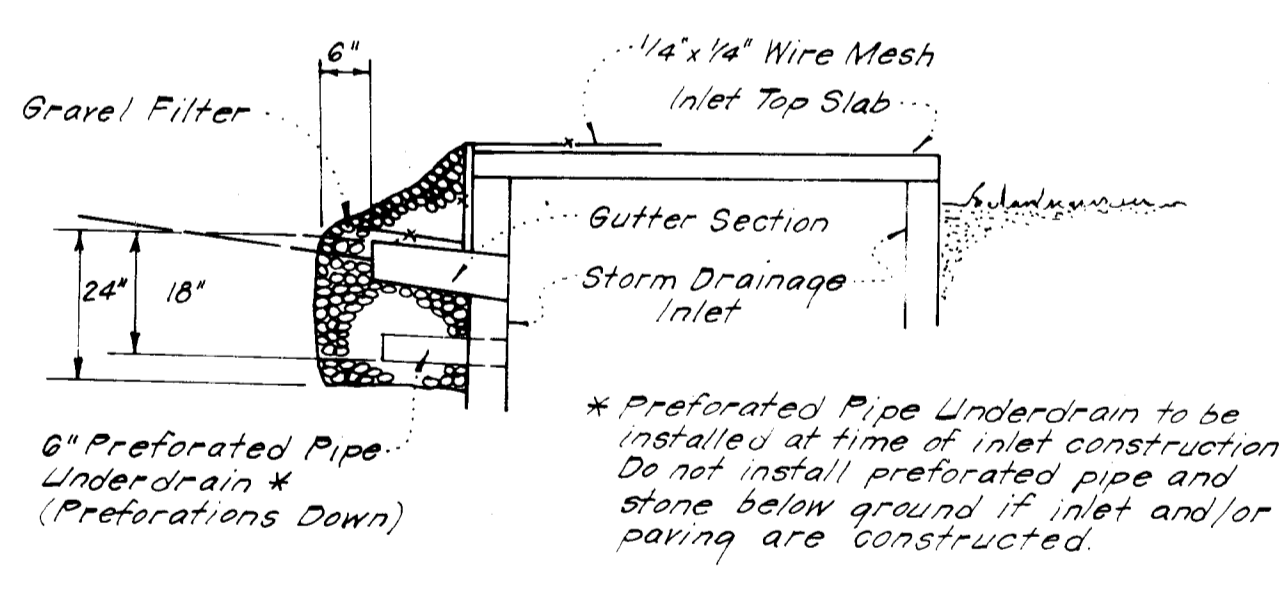
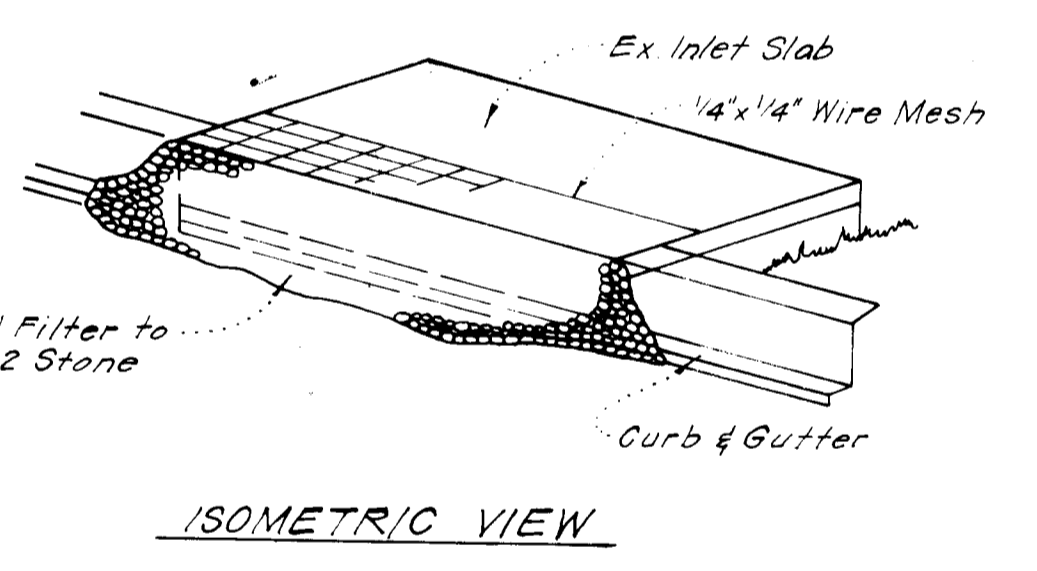
A. Total Area:	10.31	Acres
B. Area to be Roofed:	0.54	Acres
C. Area to be Paved:	2.98	Acres
D. Area to be Seeded:	5.97	Acres
E. Area Undisturbed:	0.82	Acres
- CONSTRUCTION SEQUENCE:
 - Construct Sewer Manholes, provide 4" Min. Cover over sewer.
 - Install all sediment and erosion control devices except S.F.I.P.'s.
 - Rough Grade.
 - Install Utilities, including storm drainage and S.F.I.P.'s.
 - Construct paving, curb & gutter, sidewalks and buildings, except paving and curb & gutter at i.s.
 - Fine Grade and Stabilize.
 - Remove sediment and erosion control devices after all areas draining to them are completely stabilized and construct remainder of paving and curb & gutter.



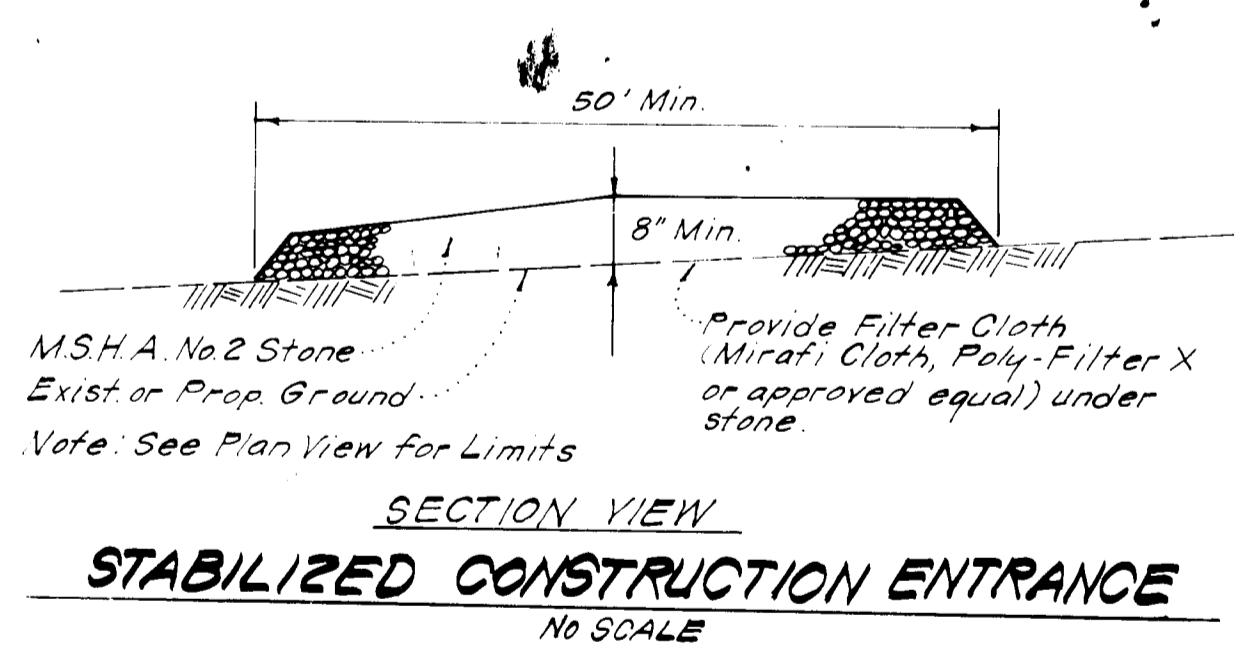
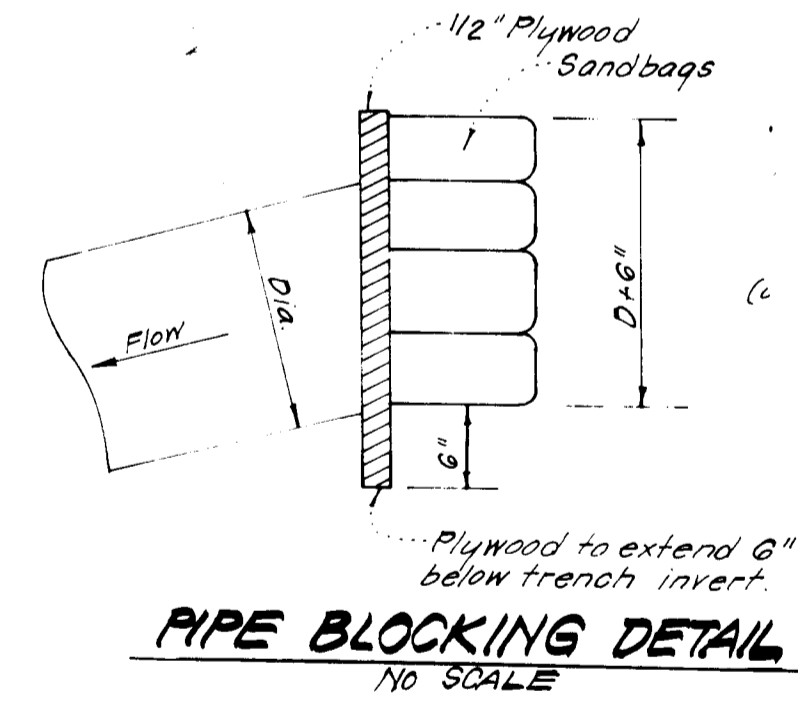
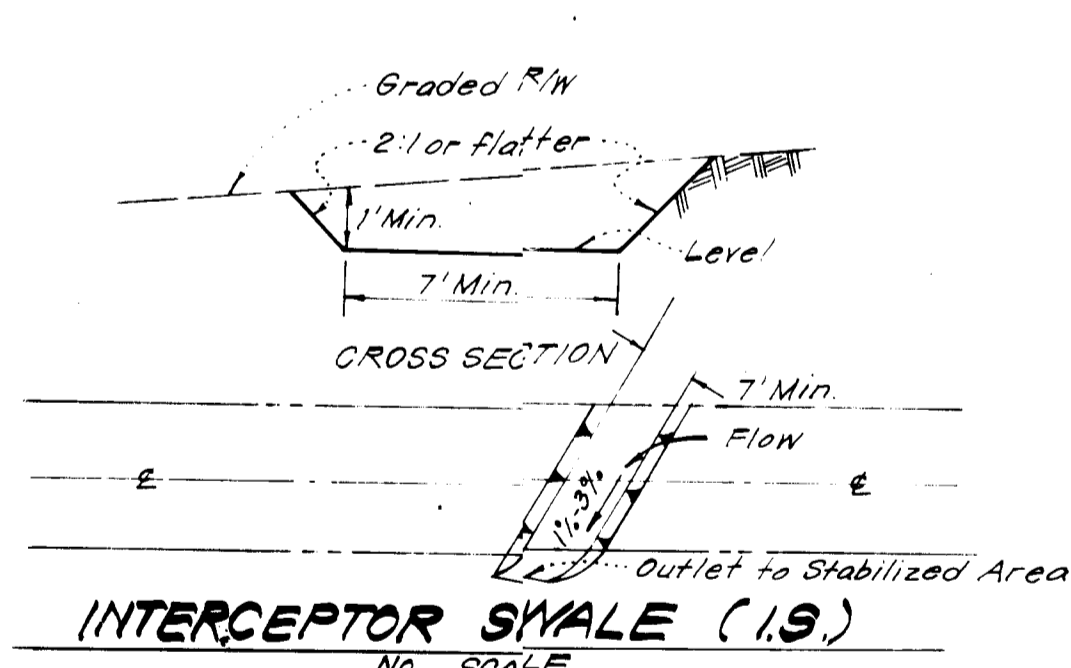
- Notes:
- Sediment Trap to be cleaned out when sediment reaches a level of 1ft. below crest of stone outlet.
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 - Stone Outlet to be constructed through diversion dike adjacent to excavated.



- Notes:
- Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 - Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".



STONE FILTER INLET PROTECTION (S.F.I.P.)
NO SCALE



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

Joseph K. ... 5-1-84
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

Amal ... 5-8-84
DATE

PLANNING DIRECTOR

John ... 5-7-84
DATE

CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

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

John ... 4-25-84
DATE

DIRECTOR

John ... 4-25-84
DATE

CHIEF BUREAU OF ENGINEERING

Reviewed for **HOWARD** E.C.D.

John ... 7-23-84
DATE

Signature
U.S. Soil Conservation Service

DEVELOPMENT PLAN IS APPROVED
FOR THE CONTROL OF SEDIMENT
CONTROL OF THE HOWARD SOIL
CONSERVATION DISTRICT

Joseph K. ... 4/23/84
DATE

"I hereby certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as determined necessary."

Neil Meyerhoff 9-7-83
DATE

Signature of Developer/Contractor
Neil Meyerhoff

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.

John ... 7-7-83
DATE

Signature
John ...

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE
COLUMBIA, MARYLAND 21044

DESIGNED: *NRWG*

DRAWN: *KJW*

CHECKED: *RVS*

DATE: 10-28-83

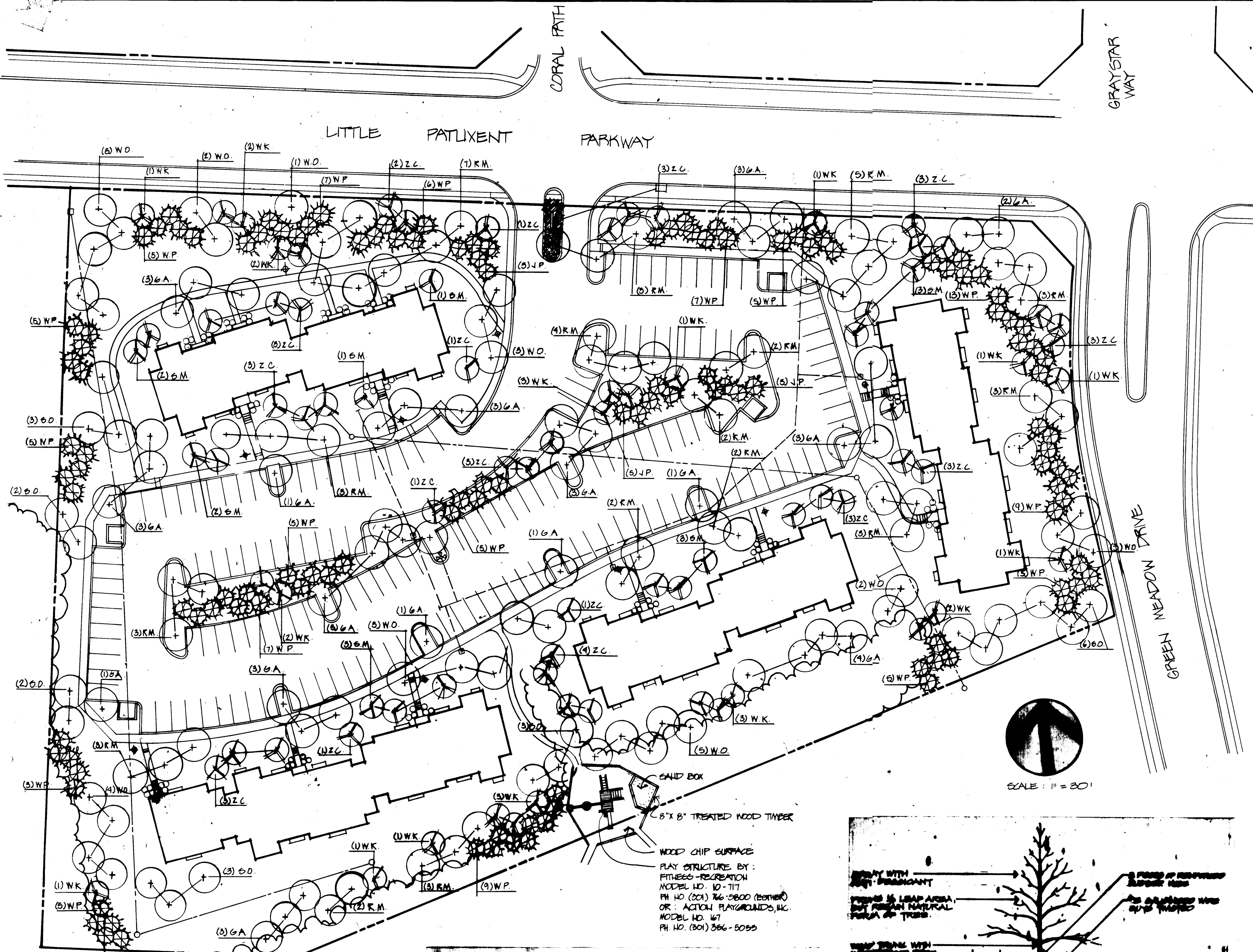
SCALE: As Shown

DRAWING: 6 OF 8

JOB NO.: 83-066

FILE #:

SDP-84-56



KEY	QTY.	BOTANICAL NAME COMMON NAME	SIZE	COND.	REMARKS
R.M.	101	ACER RUBRUM 'RED SWISET' RED SWISET RED MAPLE	2 1/2-3 1/2'	B4B	
GA	79	FRAXILUS LANCEOLATA MARSHALL'S MARSHALL'S SEEDLESS ASH	2 1/2-3 1/2'	B4B	
W.O.	80	QUERCUS PHELLOS WILLOW OAK	2 1/2-3 1/2'	B4B	
SO	40	QUERCUS ACUTISSIMA SAWTOOTH OAK	2 1/2-3 1/2'	B4B	
W.K.	48	CRATAEGUS VIRIDIS 'WINTER KING' WINTER KING HAWTHORN	2-2 1/2'	B4B	
Z.C.	61	MALUS ZUMI CALOCARPA ZUMI CRAB	2-2 1/2'	B4B	
G.M.	29	MAGNOLIA SOULANGEANA SAUCKER MAGNOLIA	2-2 1/2'	B4B	
WP	172	PIIUS STROBUS EASTERN WHITE PINE	6-8 HT	B4B	SPACE 9' O.C.
JP	32	PIIUS THUNBERGI JAPANESE BLACK PINE	6-8 HT	B4B	SPACE 9' O.C.
O	180	TAXUS CUSPIDATA DENSIFORMIS DENSE YEW	2-2 1/2'	B4B	
JJ	35	JULIPERUS HORIZONTALIS 'PLUMOSA COMPACTA' COMPACT ANDORRA JUNIPER	18-24" @	B4B	SPACE 2' O.C.
⊕	17	JULIPERUS SCUMATA EXPANSA 'PARSONI' PARSON'S JUNIPER	2-2 1/2'	B4B	SPACE 3' O.C.

NOTES:

- THE LOCATION OF ALL PLANT MATERIAL IS TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
- THE LANDSCAPE ARCHITECT IS TO BE NOTIFIED 48 HOURS BEFORE PLANTING BEGINS.
- CONTRACTOR SHALL NOTIFY MISS UTILITY A MIN. OF 72 WRKING HRS FROM TO DIGGING.
- ALL PLANTING SHALL BE DONE IN ACCORDANCE W/ COLUMBIA H.R.D. PLANTING SPECIFICATIONS.

TABULATION:

- PLANTS REQUIRED:
96 UNITS SHOWN X 2.25 PLANTS PER UNIT = 441 TREES REQUIRED
- PLANTS SHOWN:
270 LARGE TREES + 342 EVERGREENS & SMALL TREES ÷ 2 = 441 TREES

FINAL LANDSCAPE & SIGN PLAN

BUILDER: HENDERSEN - WEBB # 06955

CLARK - FINEFROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
11315 LOCKWOOD DRIVE, SILVER SPRING, MARYLAND 20904

HUMAN & ROHDE, INC.
LANDSCAPE ARCHITECTS
110 E PENNSYLVANIA AVENUE, TOWSON, MARYLAND 21204

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

DATE: 5-1-84

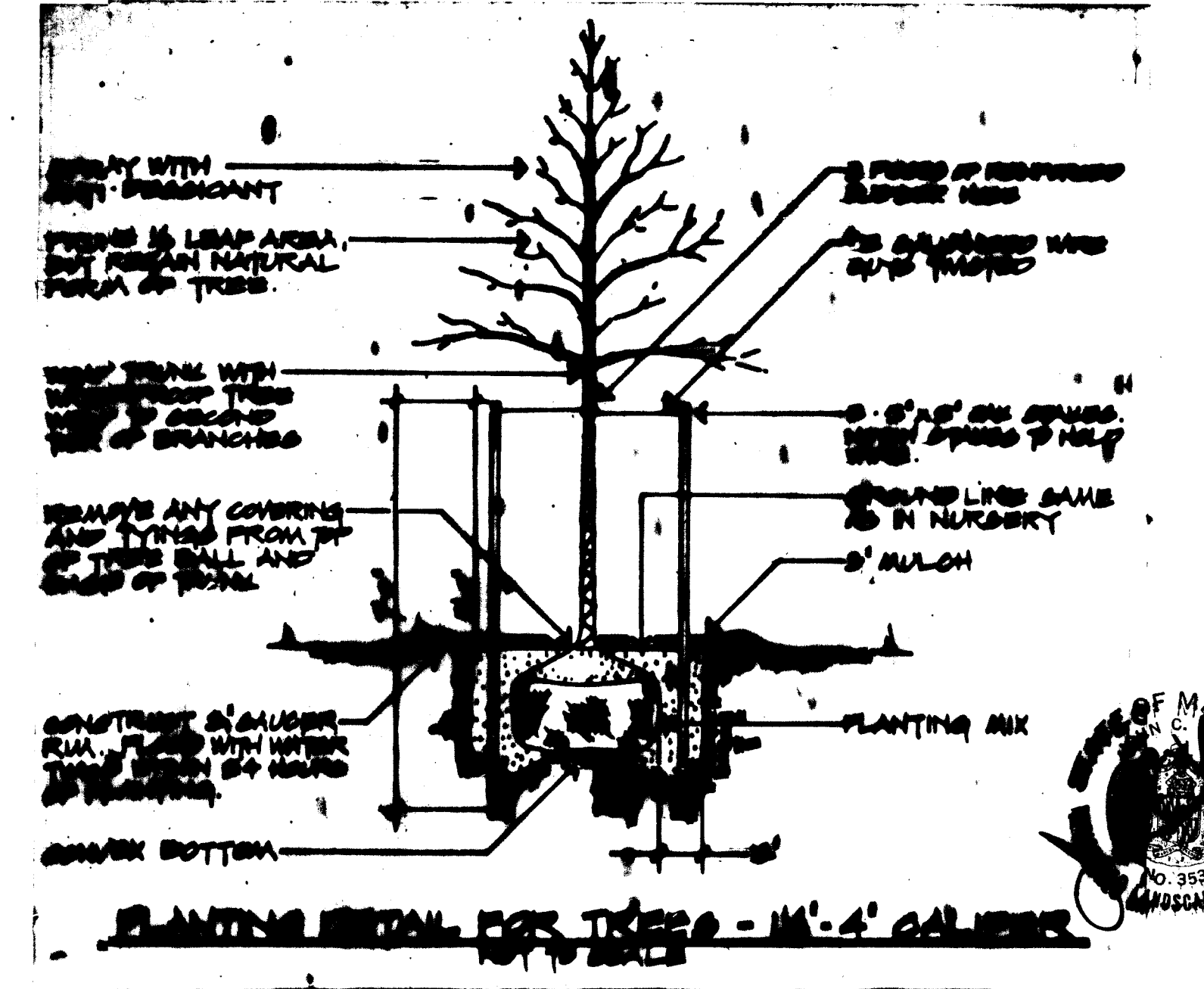
DATE: 5-8-84

DATE: 5-27-84

DATE: 4-25-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 11-2-83



DESIGNED: G.M.

DRAWN: G.M.

CHECKED: J.R.

DATE: 2.71.84

LANDSCAPE PLAN
PARCEL "K"
COLUMBIA

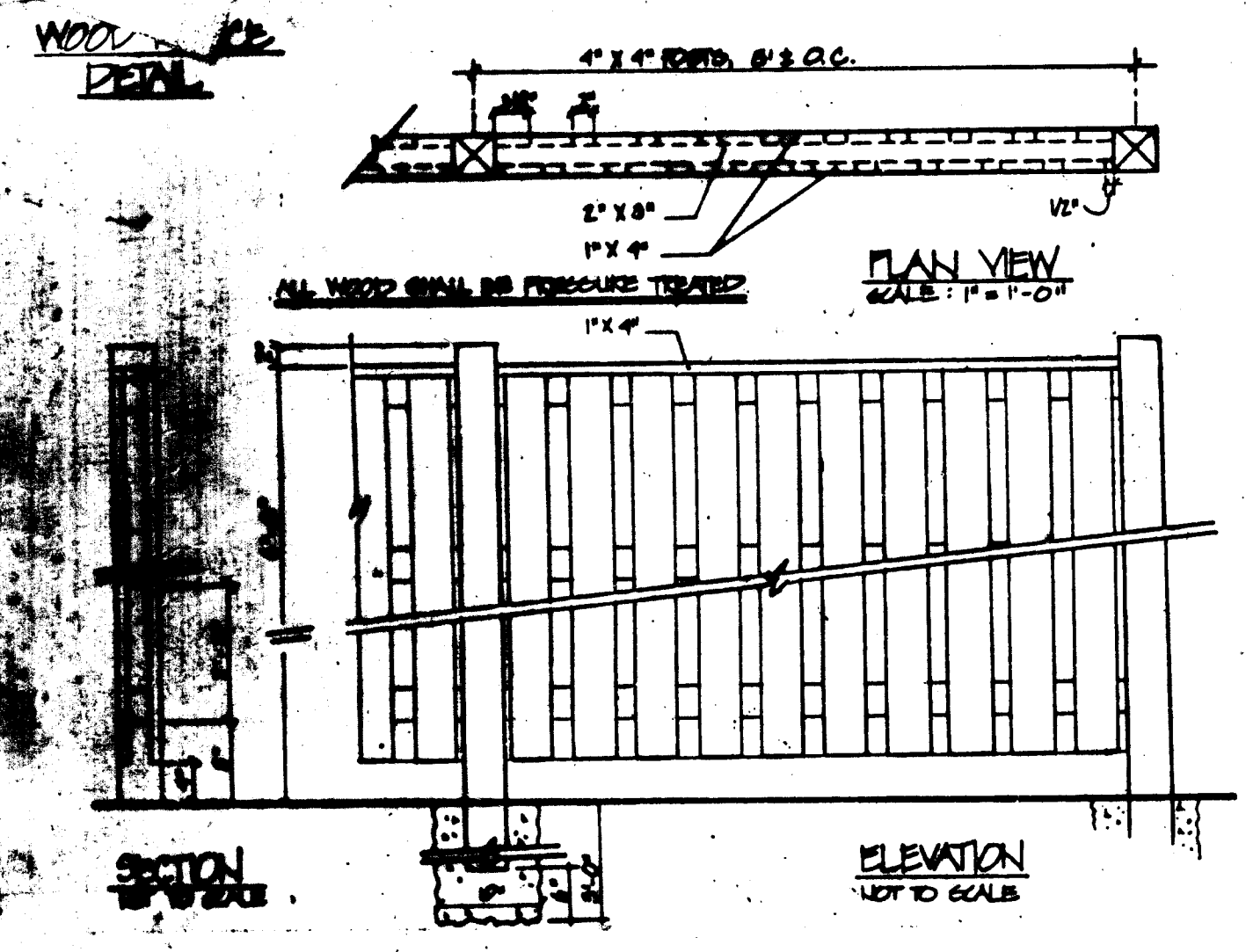
VILLAGE OF HISTORY RIDGE
SECTION 3 AREA 4
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044

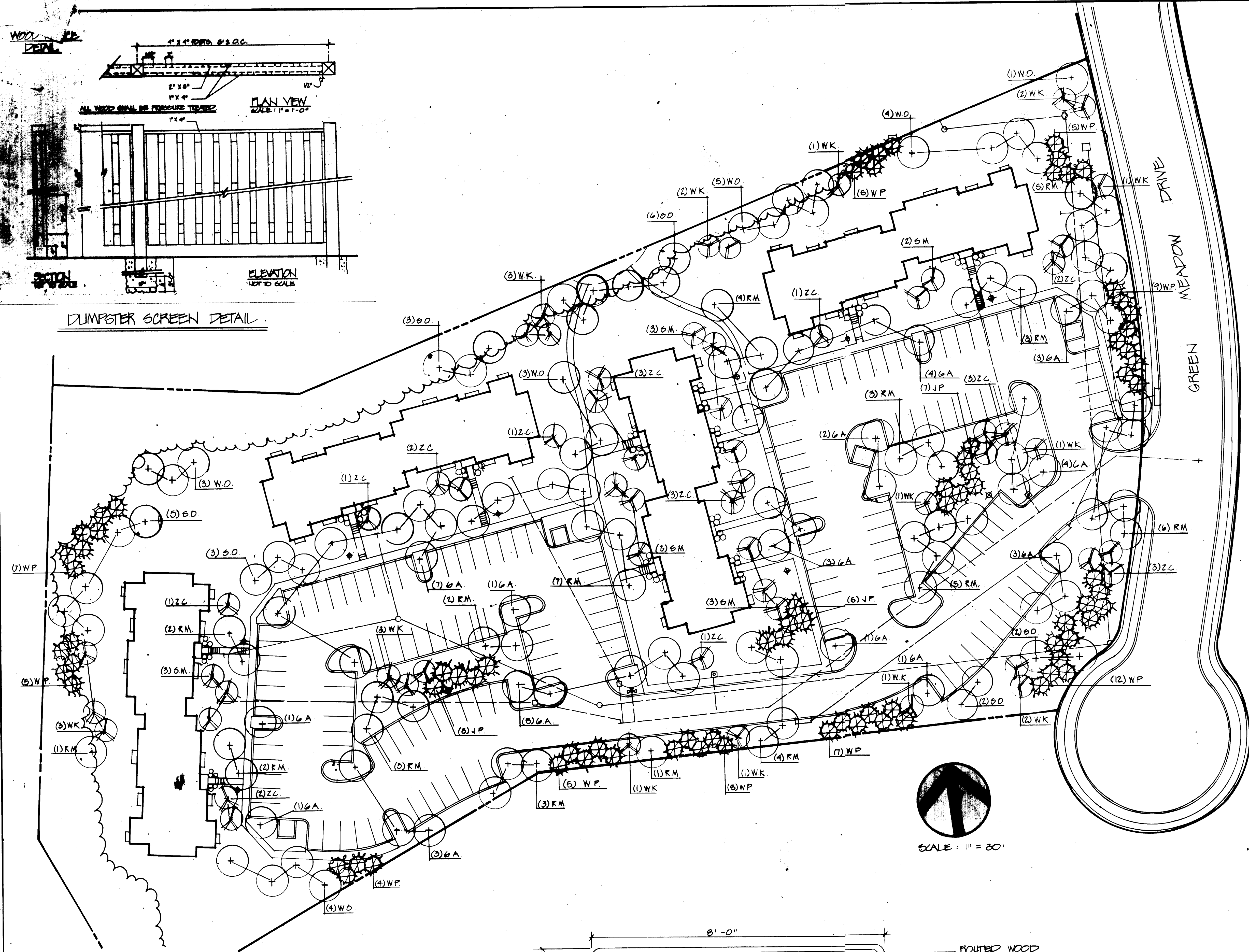
SCALE: 1" = 30'

DRAWING: 7 OF 8

83-08625



DUMPSTER SCREEN DETAIL



FINAL LANDSCAPE & SIGN PLAN



ENTRANCE SIGN ELEVATION
SCALE: 3/4" = 1'-0"

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 5-1-89

APPROVED FOR ZONING
HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 5-8-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 4-25-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 11-2-83

BUILDER: HENDERSEN-WEBB #06955

CLARK FINEFROCK & SACKETT
ENGINEERS, PLANNERS, SURVEYORS
11315 LOCKWOOD DRIVE, SILVER SPRING, MARYLAND 20904

HUMAN & ROLHE, INC.
LANDSCAPE ARCHITECTS
110 E PENNSYLVANIA AVENUE, TOWSON, MARYLAND 21204

DESIGNED
SM
DRAWN
SM
CHECKED
JK
DATE:
2-29-84

LANDSCAPE PLAN
PARCEL "H"
COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 3 AREA 4
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044

SCALE:
1" = 30'
DRAWING
8 OF 8
88-0862.S