

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.
- Any damage to county owned rights-of-way to 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 shown is located on Tax Map No. 30.
- All driveways to be privately owned and maintained.
- All coordinates are based on Howard County Geodetic Control survey traverses which is based on the Maryland State Plane Coordinate System.
- Information concerning underground utilities was obtained from available records, but the contractor must dig 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 hrs. in advance of work at 992-2417 or 792-7272.
- Handicap parking details shall be in accordance with the "Md. Building Code for the Handicapped," Sect 5.01-7.05 and details sheet 2.
- Trench Bedding for storm drainage shall be in accordance with Ho. Co. Std. G.2.01.
- The developer agrees to work with the Dept. of Licenses and Inspections to resolve any problems caused by roof water discharge.
- Storm Water Management will be provided by a central facility F-85-16.
- See Ho. Co. Office of Planning and Zoning Address Chart Files: S-86-88, F-86-192 & VP-66-131.

SITE ANALYSIS:

- Total area = 6.190 Acres
- Total No. of Units: 84
- No. of Parking Spaces Req. 126; Prov. 144
- Lot Coverage: 20% Max.
- Building Coverage: 3,891.83 sq. ft. = 1.44%
- Zone: RA-15
- Green Area = 4.096 Ac (66%)
- Building Units:
 - Innsbrook } Each 2 Bedrooms
 - Homestead } Each 2 Bedrooms
 - Wintergreen } Each 2 Bedrooms
 - Greenbriar } Each 2 Bedrooms

PARCEL J
DORSEY HALL
SECTION 2 AREA 3
RA-15

LEGEND:

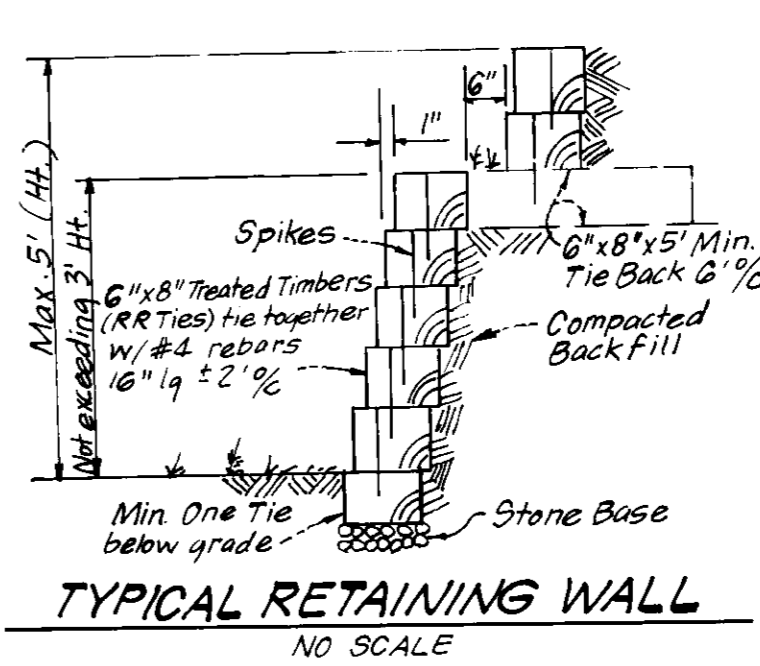
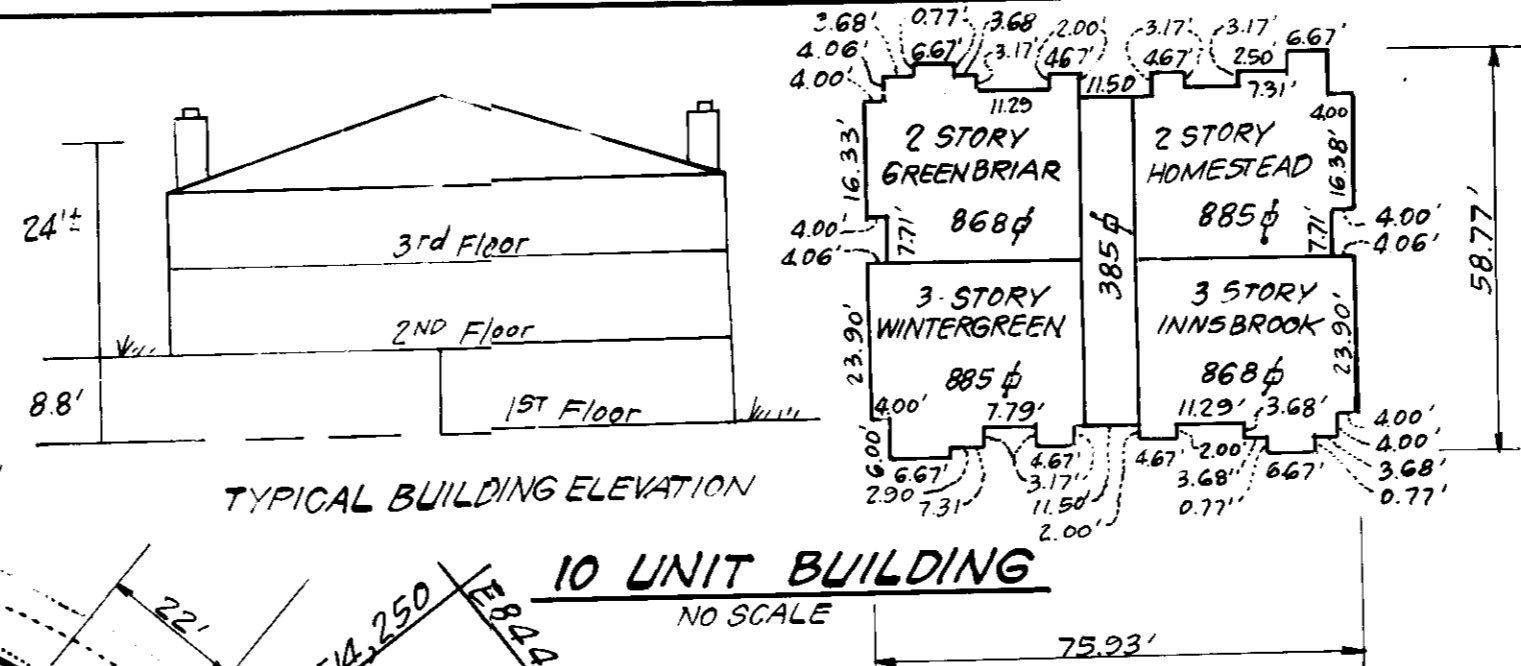
- Contour Interval 2 FF.
- Existing Contour
- Proposed Contour
- Direction of Drainage
- Spot Elevation
- Location of Handicapped Units
- Timber Retaining Wall
- Prop. Storm Drain
- Ex. Storm Drain

ADDRESS CHART

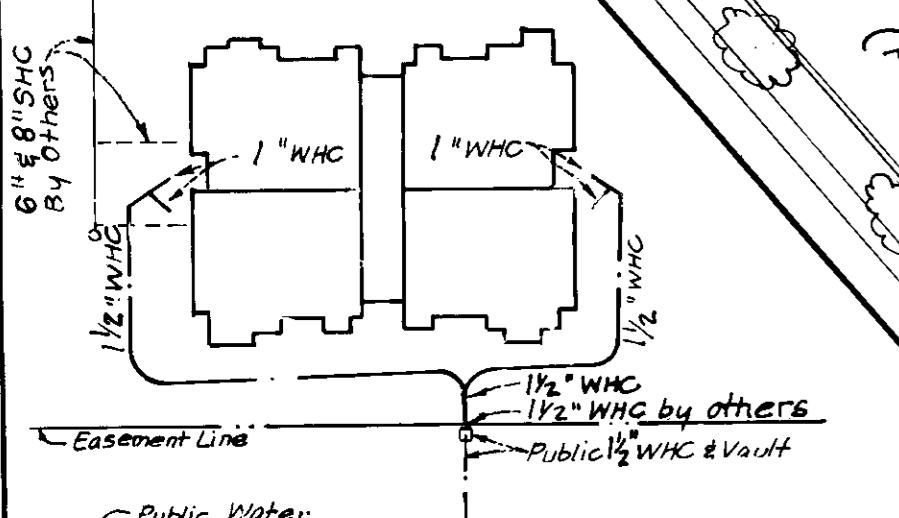
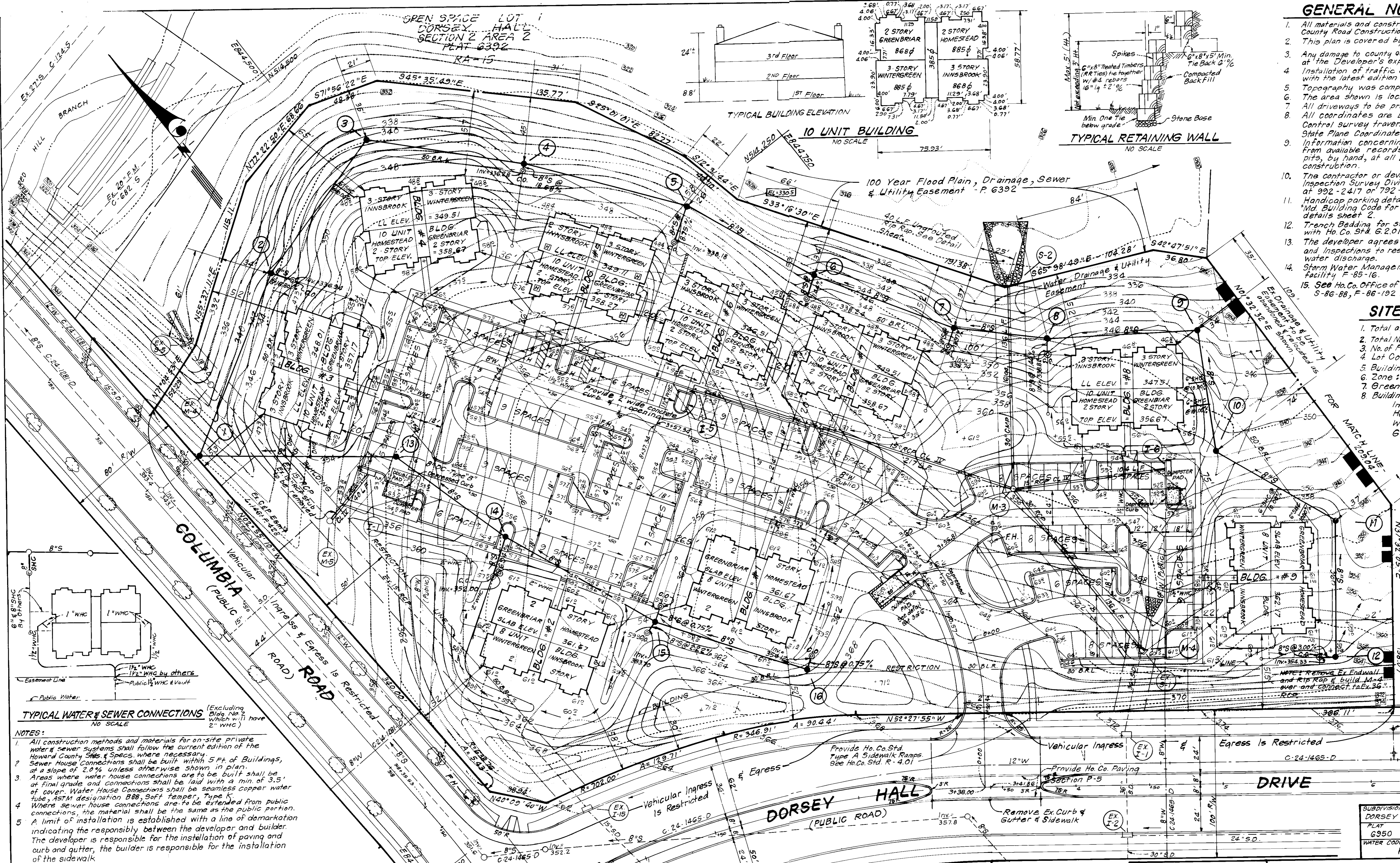
BLDG.#	Street	Address
1	4700	Dorsey Hall Drive
2	4704	" " "
3	4708	" " "
4	4712	" " "
5	4716	" " "
6	4720	" " "
7	4724	" " "
8	4728	" " "
9	4732	" " "

OWNER:
The Howard Research And Development Land Company
10275 Little Patuxent Parkway
Columbia, Maryland 21044

SUBDIVISION NAME: DORSEY HALL	SECT./AREA: 2/3	PARCEL: I
PLAT: G950	BLOCK #: 3	ZONE: RA-15
WATER CODE: F-10	SEWER CODE: 5750000	DEPARTMENT: 00230



100 Year Flood Plain, Drainage, Sewer & Utility Easement - P. 6392



- NOTES:**
- All construction methods and materials for on-site private water & sewer systems shall follow the current edition of the Howard County Code & Specs. where necessary 5 Ft. of Buildings, Sewer House Connections shall be built within in plan.
 - 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' of cover. Water House Connections shall be seamless copper water tube, ASTM designation B88, Soft temper, Type 1 from public connections, the material shall be the same as the public portion.
 - A limit of installation is established with a line of demarcation indicating the responsibility between the developer and builder. The developer is responsible for the installation of paving and curb and gutter, the builder is responsible for the installation of the sidewalk.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
12-8-86
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
12-10-86
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
12-9-86
DATE

DIRECTOR
DATE

CHIEF BUREAU OF ENGINEERING
DATE

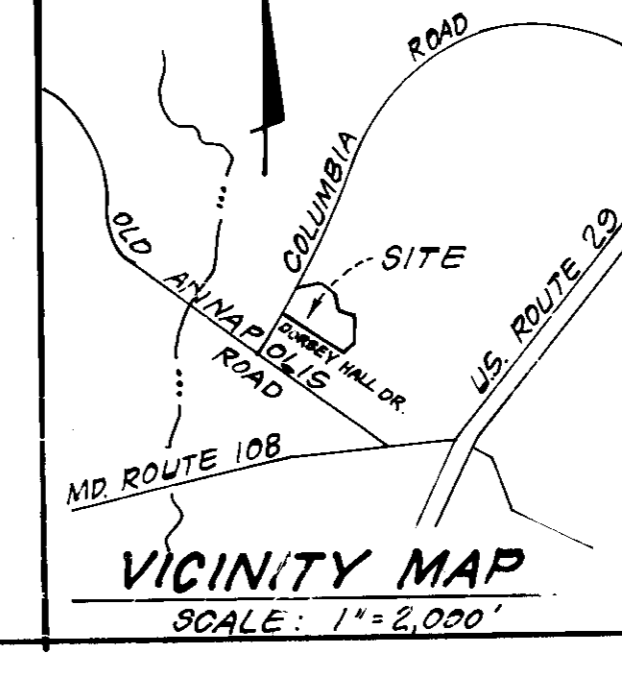
10-15-86
G Nelson Clark

ENGINEER'S CERTIFICATE
I, the undersigned, being a duly licensed Professional Engineer in the State of Maryland, do hereby certify that the above is a true and correct copy of the original as shown to me, and that the same is a true and correct copy of the original as shown to me, and that the same is a true and correct copy of the original as shown to me, and that the same is a true and correct copy of the original as shown to me.

G Nelson Clark
Date 9-10-86

No.	REVISION	Date	Approved	Date
1	Revised WMC for Bldg No. 2 to 2" WMC	1-17-87		

APPROVED: 9-11-86
Joseph R. Clark



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

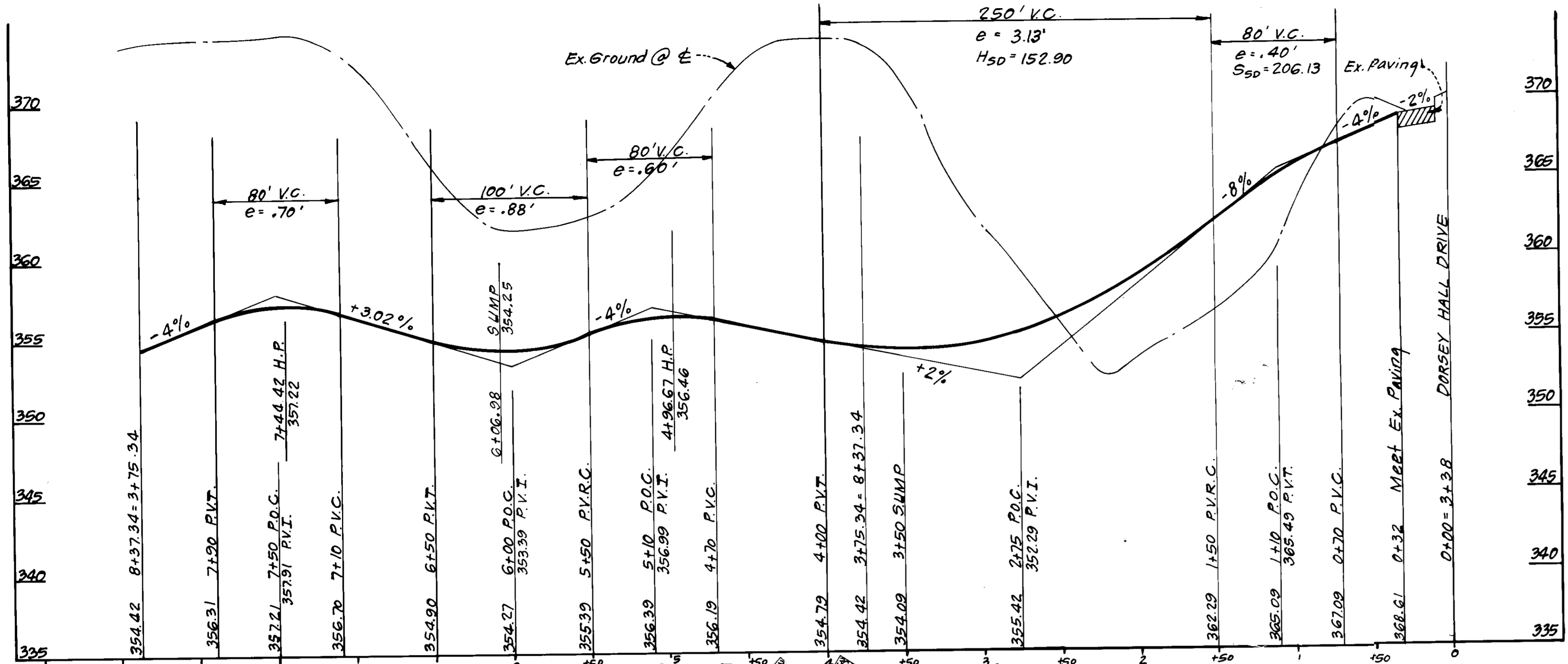
DESIGNED: JME
DRAWN: VLM
CHECKED: DES
DATE: 9-4-86

SITE DEVELOPMENT PLAN
PARCEL I
DORSEY HALL
TAX MAP 30 PARCEL 12
SECTION 2 AREA 3
2ND ELECTION DISTRICT, HOWARD CO., MARYLAND
FOR: THE RYLAND GROUP INC.
7130 Minstrel Way Suite 215
Columbia, Maryland 21045

SCALE: 1" = 30'
DRAWING: 1066
JOB NO.: 86-039
FILE NO.: 86-039

SDP-87-59

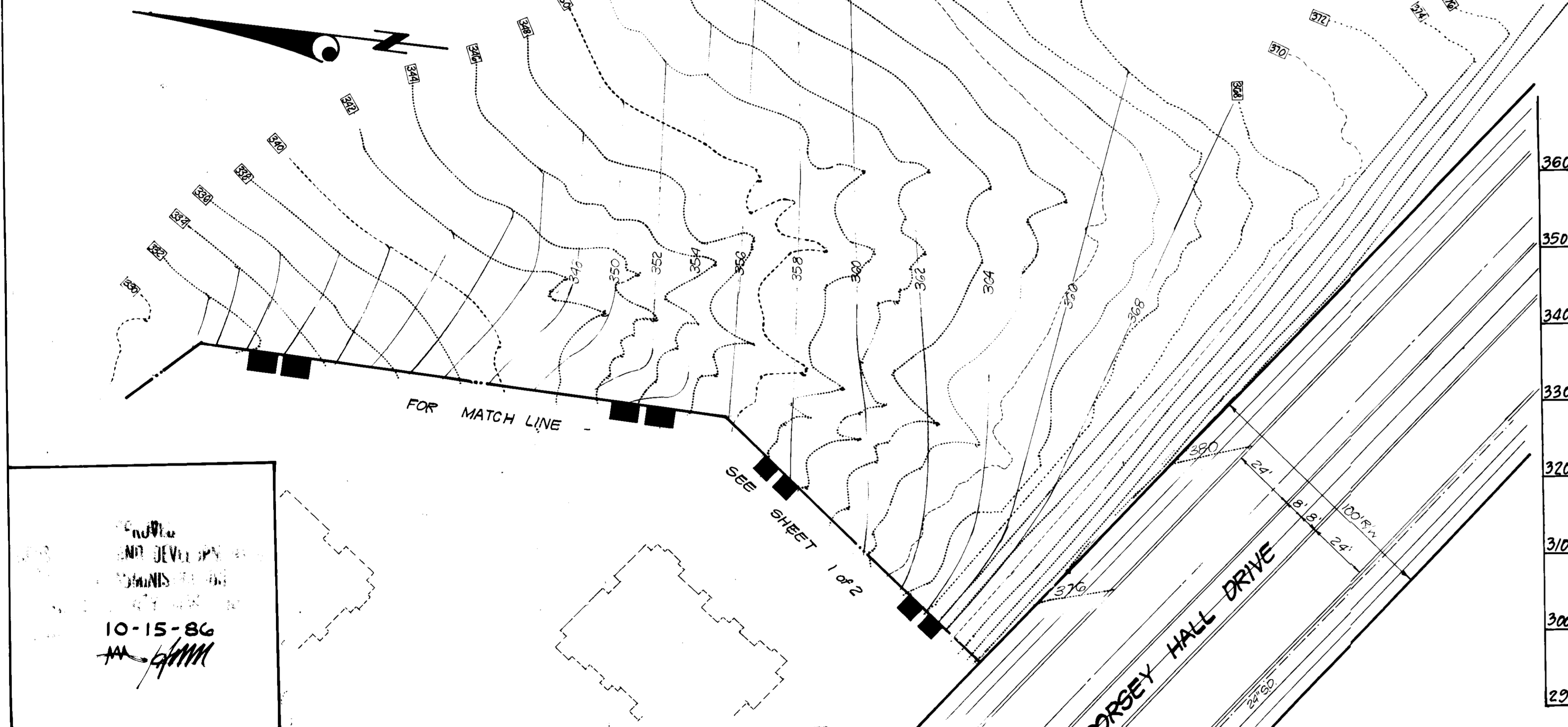
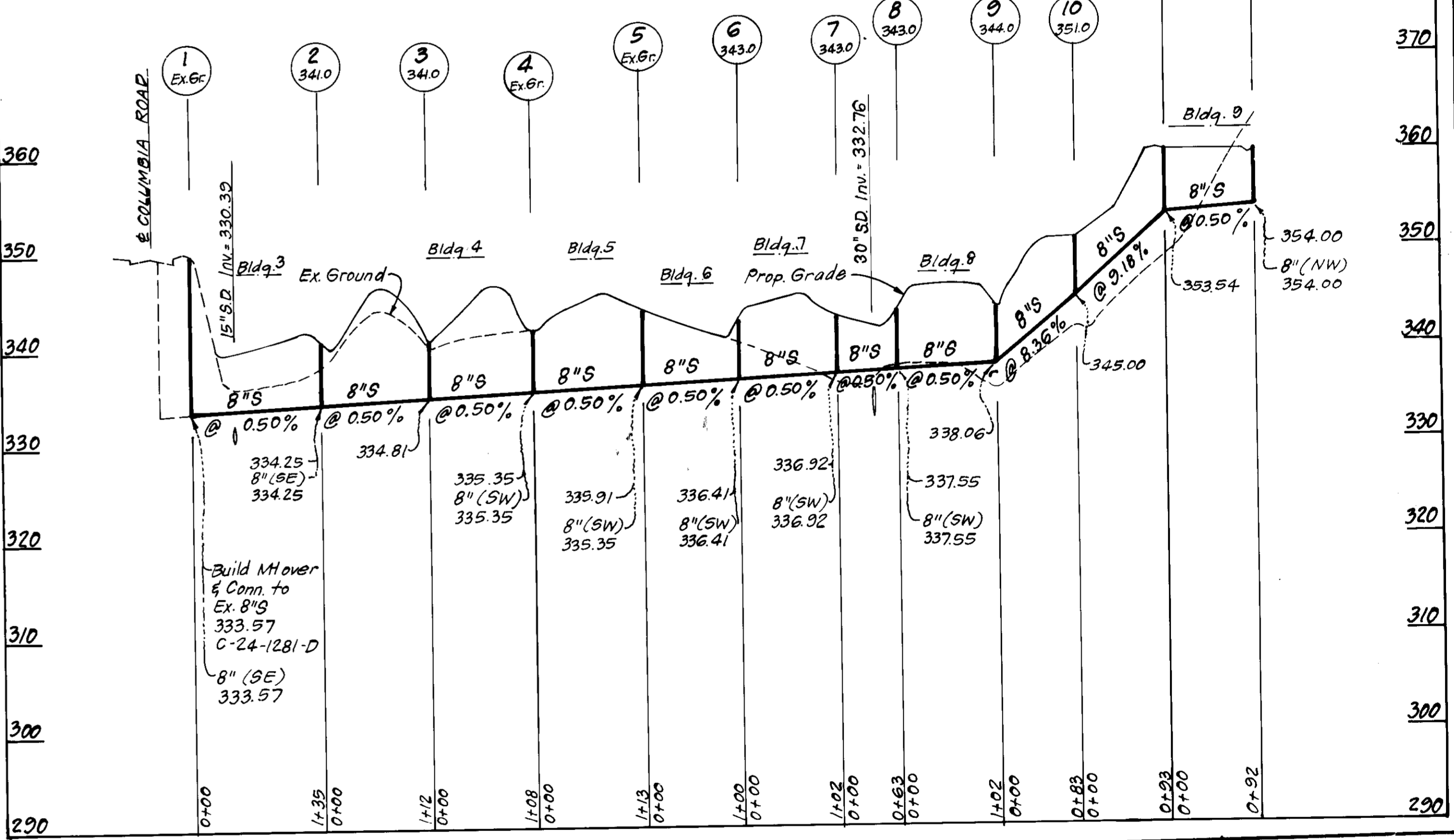
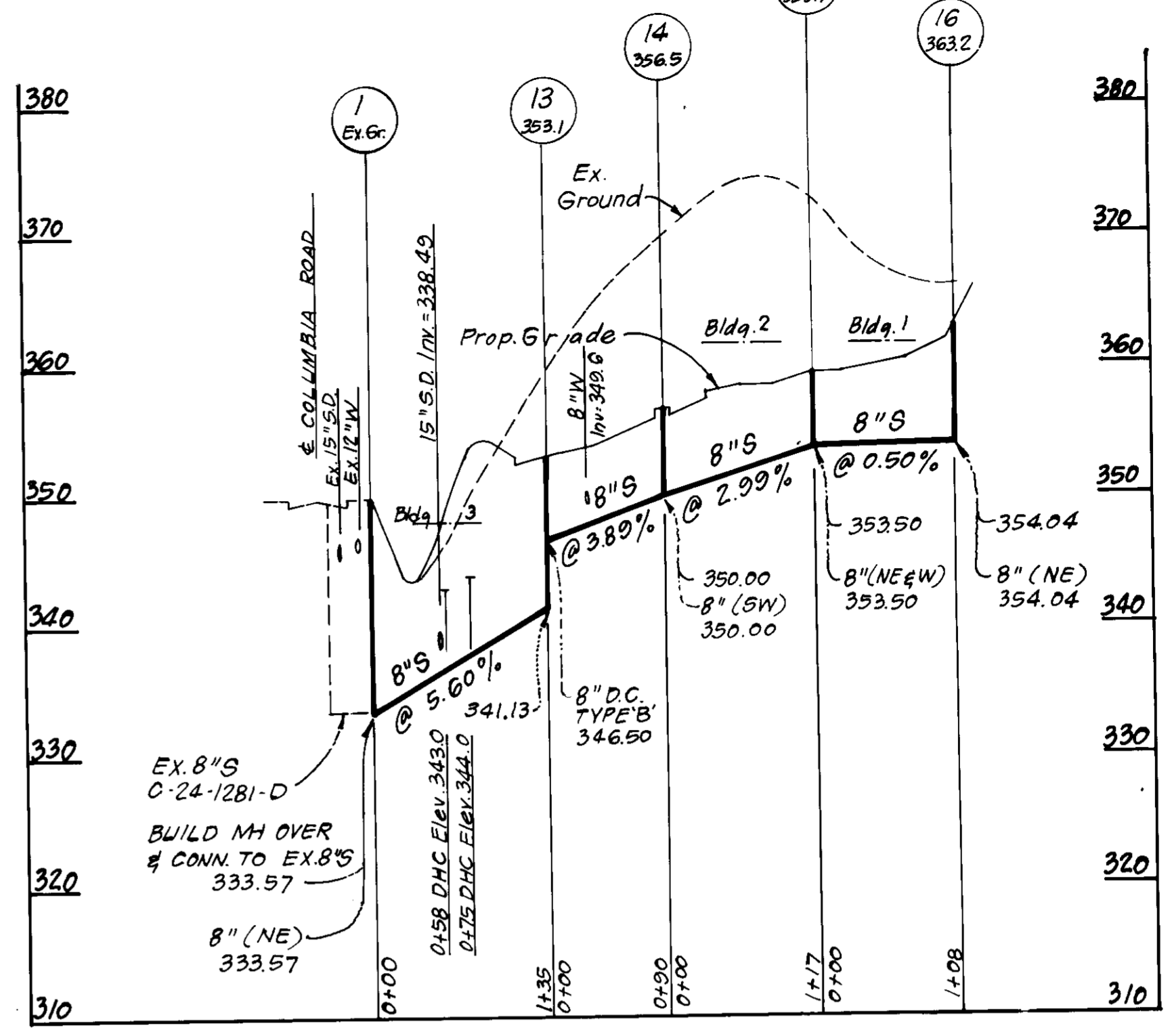
PRIVATE DRIVE



SCALE
 HORZ: 1" = 50'
 VERT: 1" = 5'

WATER AND SEWER NOTES:
 1. All sewer mains shall be P.V.C., C.S.P.X., V.C.P.X. or A.C.P. Class 2400 except where otherwise noted.
 2. All construction methods and materials for on-site private water and sewer systems shall follow the current edition of the Howard County Std. Details and Specifications, where necessary.
 3. All water mains to have a minimum of 3.5 ft. of cover.

SCALE
 HORZ.: 1" = 100'
 VERT.: 1" = 10'



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 12-8-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 12-9-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 12-1-86

Howard
 DEPARTMENT OF PUBLIC WORKS
 DEVELOPER'S BUILDER'S CERTIFICATE
 Approved Date 9-11-86

DEVELOPER'S BUILDER'S CERTIFICATE
 Approved Date 9-11-86

G. Nelson Clark
 Date 9-16-86

OWNER:
 The Howard Research And
 Development Land Company
 10275 Little Patuxent Parkway
 Columbia, Maryland 21044

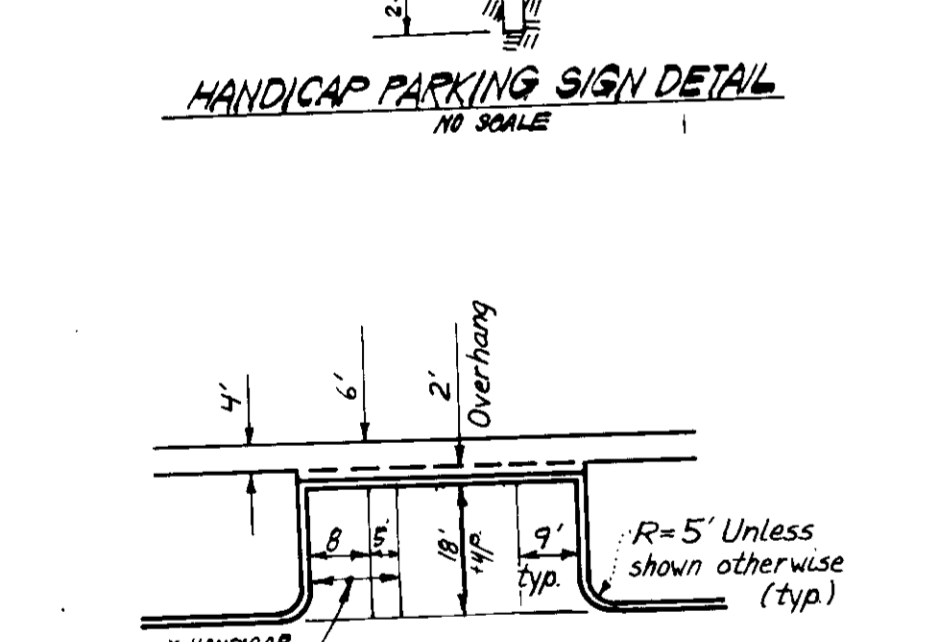
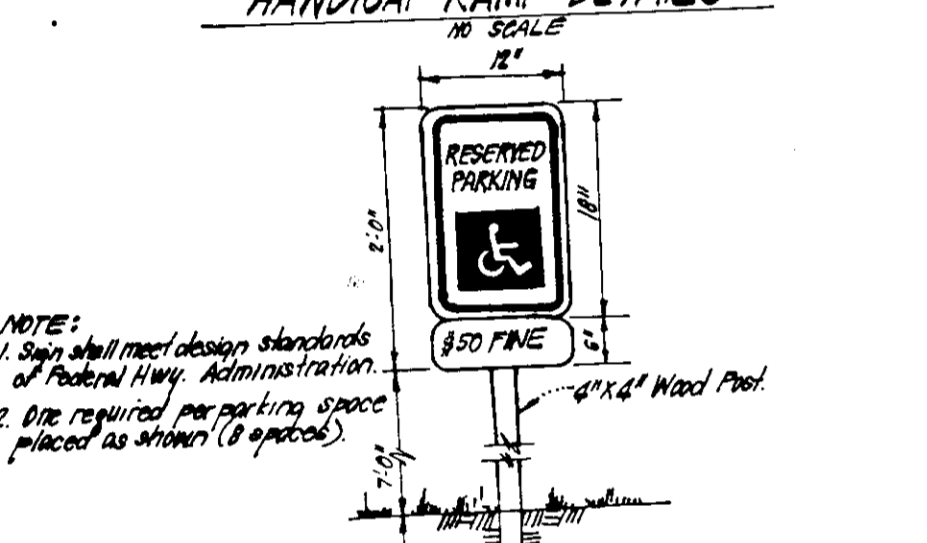
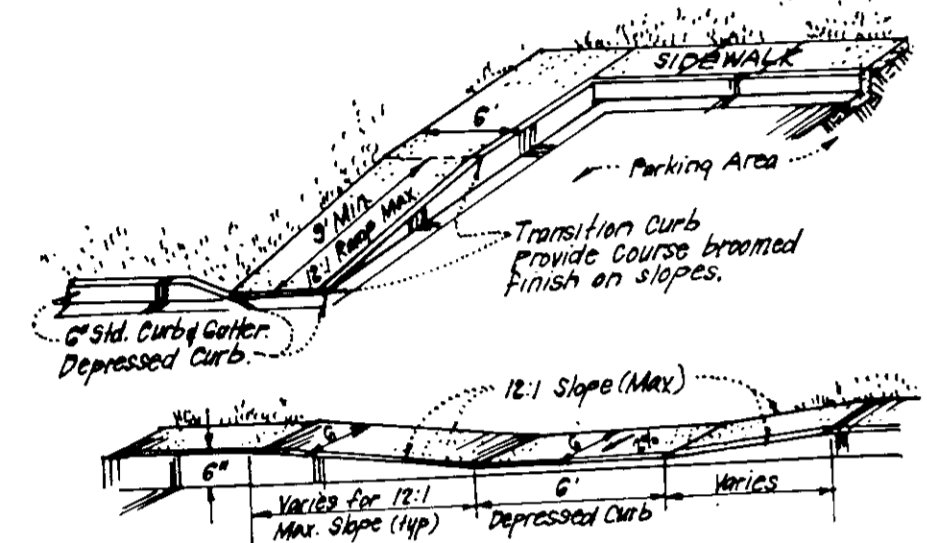
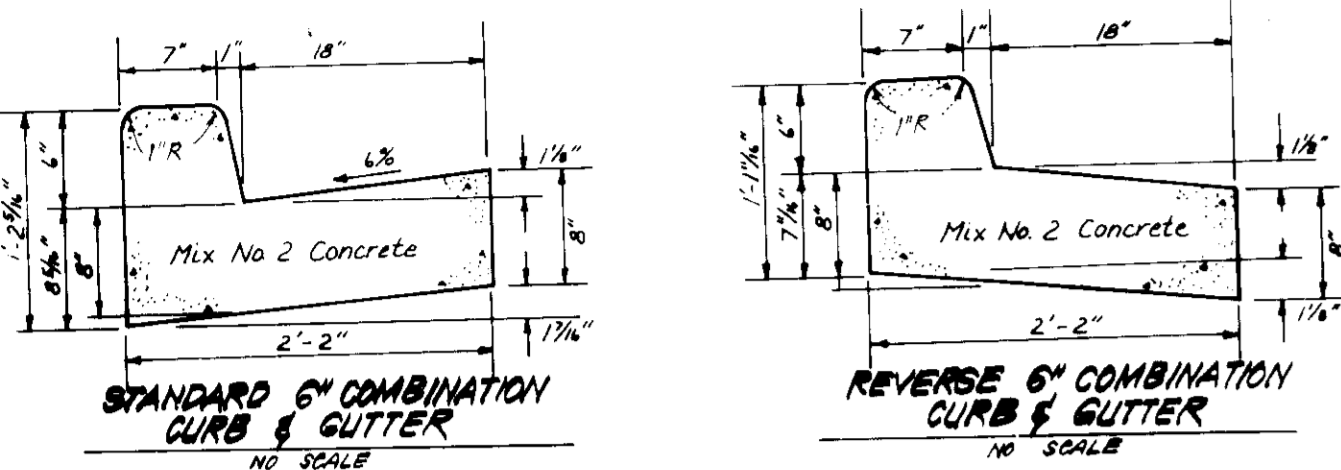
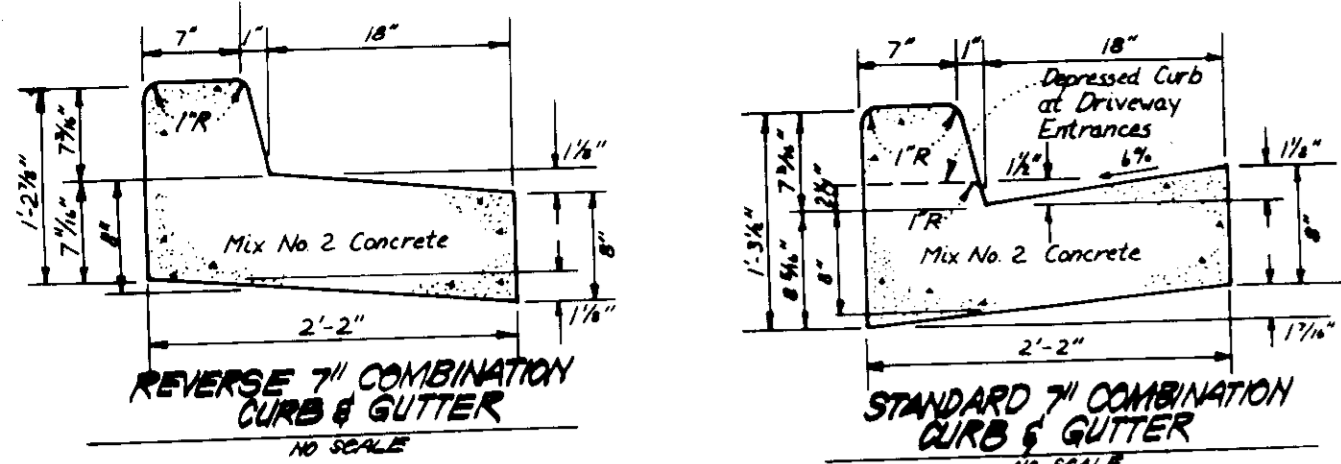
CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 583-3400

DESIGNED: JR JLS
 DRAWN: VLM
 CHECKED: JR JLS
 DATE: 9-4-86

ROAD PAVING & WATER AND SEWER PROFILES
 PARCEL I

DORSEY HALL
 SECTION 2 AREA 3
 2ND ELECTION DISTRICT, HOWARD CO, MARYLAND
 FOR: THE RYLAND GROUP INC.
 7130 Minstral Way Suite 215
 Columbia, Maryland 21045

SCALE AS SHOWN
 DRAWING 2066
 JOB NO. 86-039
 FILE NO. 86-039-X
 SDP-87-59



Bluminous Conc. Surface	1"
Bluminous Conc. Base	2"
Prime	
5" Crusher Run Base Course	5" or 4"
4" Dense Graded Stabilized Aggregate Base Course	

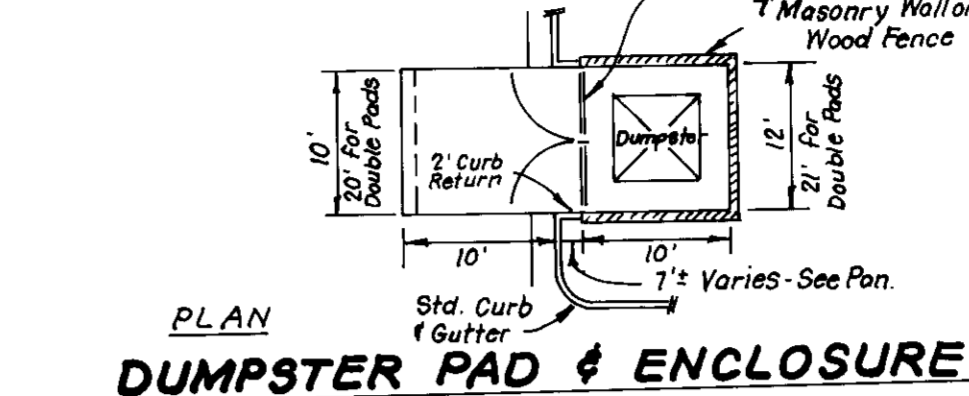
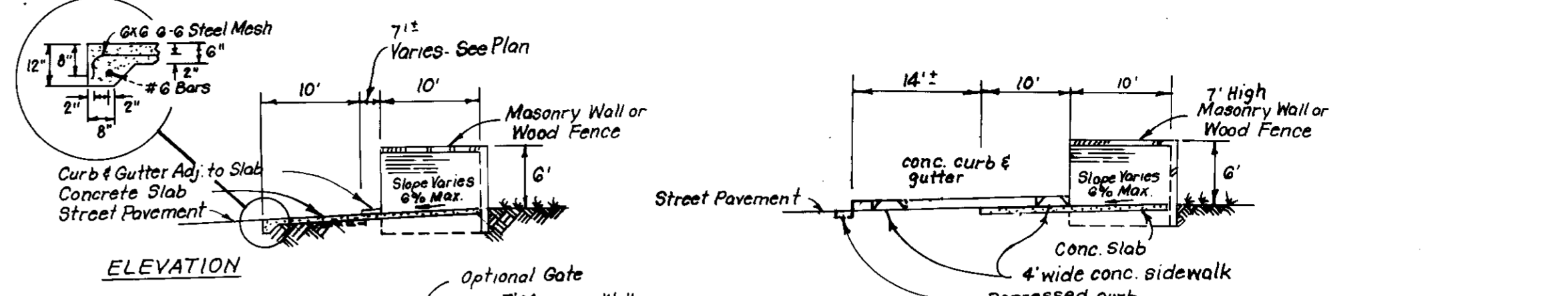
ALTERNATE PAVING SECTION FOR PARKING AREAS (SECTION F-1)

No.	TYPE	INV. IN	INV. OUT	TOP ELEVATION		REMARKS	LOCATION
				UPPER	LOWER		
I-1	A-10 Inlet	-	349.0	352.7		No. Co. Std. SD 402 W=2'-6"	See Plan
S-2	Metal End Section	328.5	327.93			No. Co. Std. SD 5.61 Dia=30"	
M-3	Precast Manhole	348.5±	346.59	357.7		No. Co. Std. G 5.13 Dia=5'-0"	
M-4	Precast Manhole	Ex. 352.5±	352.03	361.2		No. Co. Std. G 5.13 Dia=5'-0"	
I-5	A-10 Inlet	-	350.31	354.0		No. Co. Std. SD 4.02 W=2'-6"	
I-6	A-10 Inlet	-	349.0	352.5		No. Co. Std. SD 4.02 W=2'-6"	

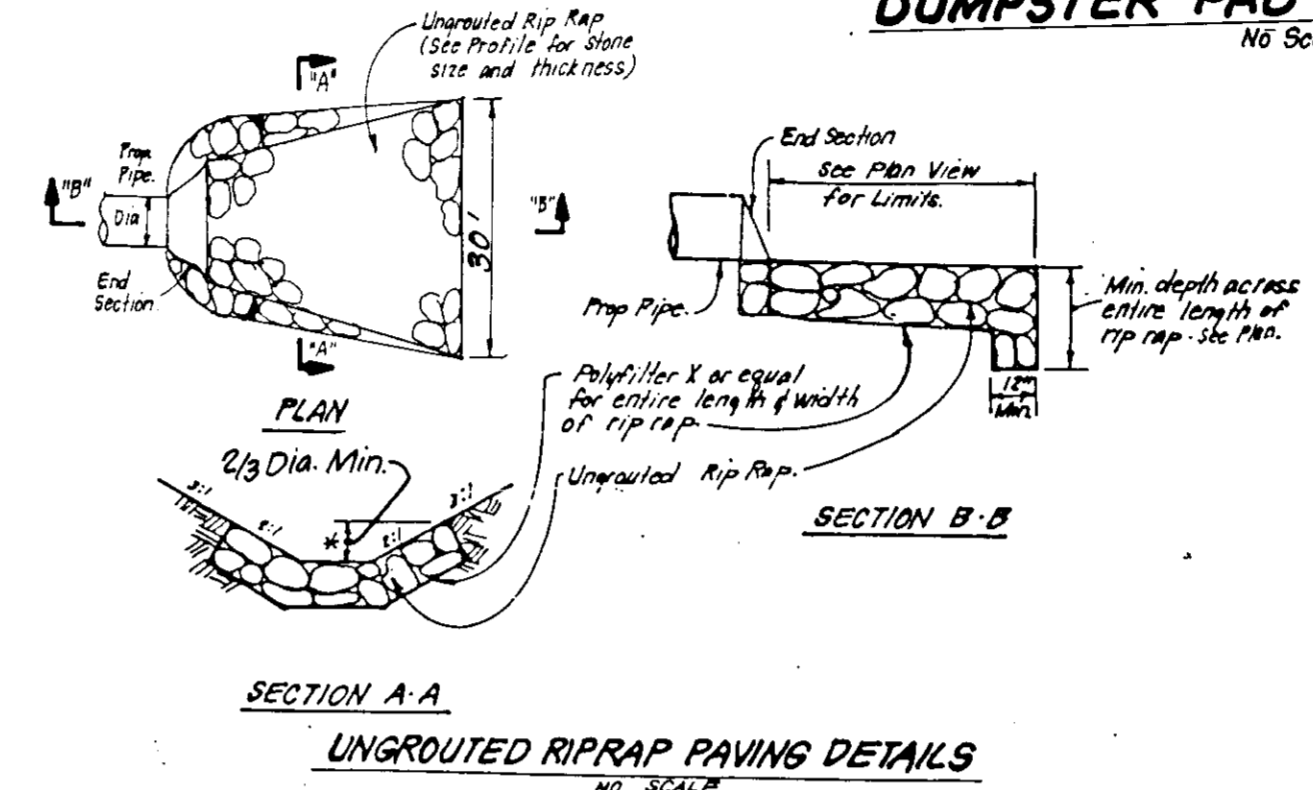
All inverts to be fully developed.

SIZE	TYPE	LENGTH
15"	RCP CL II	361 LF
30"	RCP CL III	136 LF
30"	CMP 16ga.	136 LF

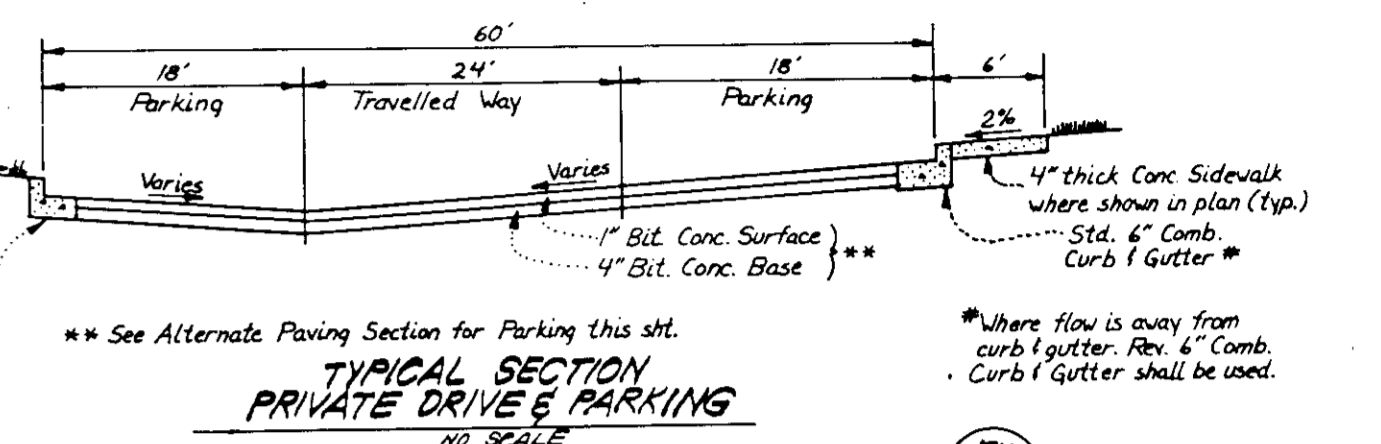
* 2 1/2" x 1/2" Corrugations



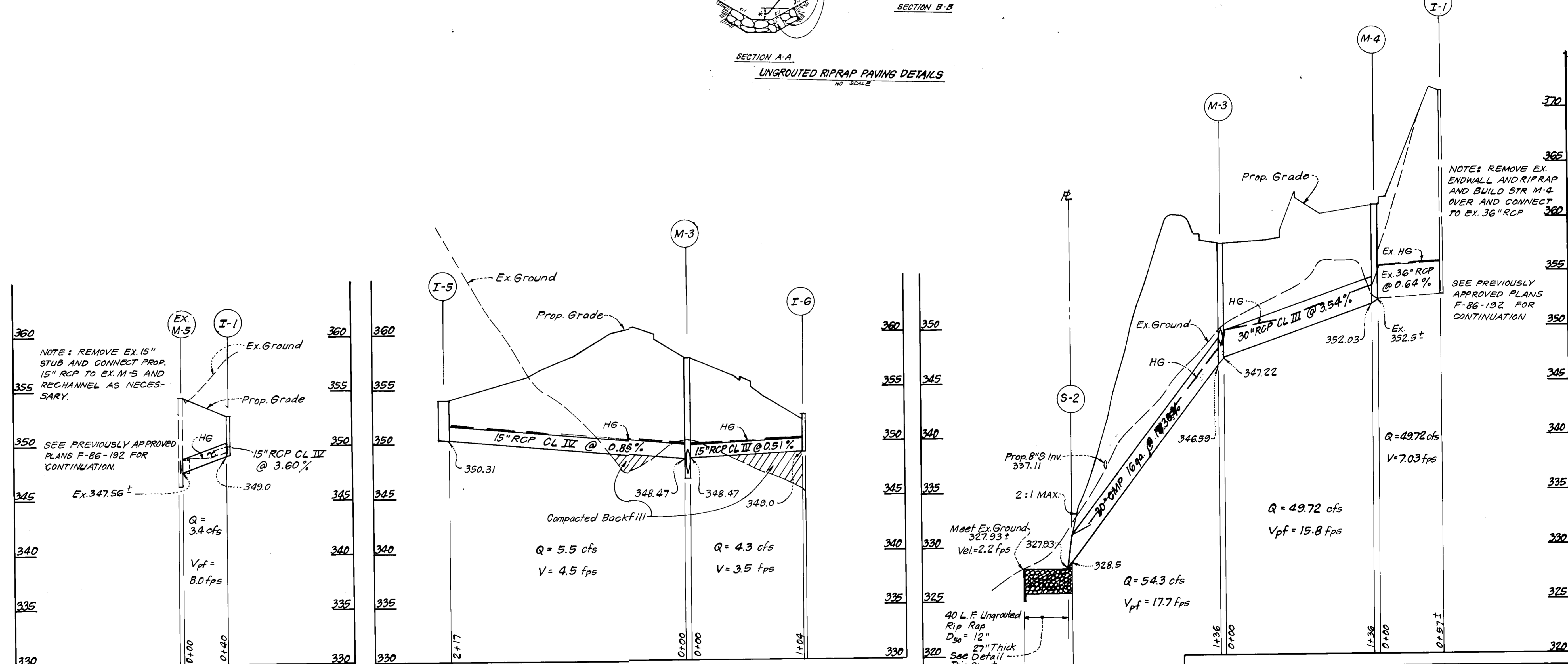
DUMPSTER PAD & ENCLOSURE



UNGRADED RIPRAP PAVING DETAILS



TYPICAL SECTION PRIVATE DRIVE PARKING



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

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 DATE 12-8-86
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE 12-17-86
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 12-9-86

APPROVED
 DIVISION OF LAND DEVELOPMENT
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-15-86

Howard
 Approved
 Date

DEVELOPER'S SUBMITTER'S CERTIFICATE
 I hereby certify that the development and construction of this project of development and construction is in accordance with the provisions of the Howard County Zoning Ordinance and the Howard County Subdivision Ordinance.
 Date 9-1-86
 Signature of Submitter

OWNER:
 The Howard Research And Development Land Company
 10275 Little Patuxent Parkway
 Columbia, Maryland 21044

CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 1131 LOCKWOOD DRIVE · SILVER SPRING MARYLAND 20904
 DESIGNED: JLS
 DRAWN: VLM
 CHECKED: JLS
 DATE: 9-3-86
 SCALE: AS SHOWN
 DRAWING: 3 OF 6
 JOB NO: 86-039
 FILE NO: 86-039-X
 SDP-87-59

TRAP #1 - R.O.S.T. ST-VI

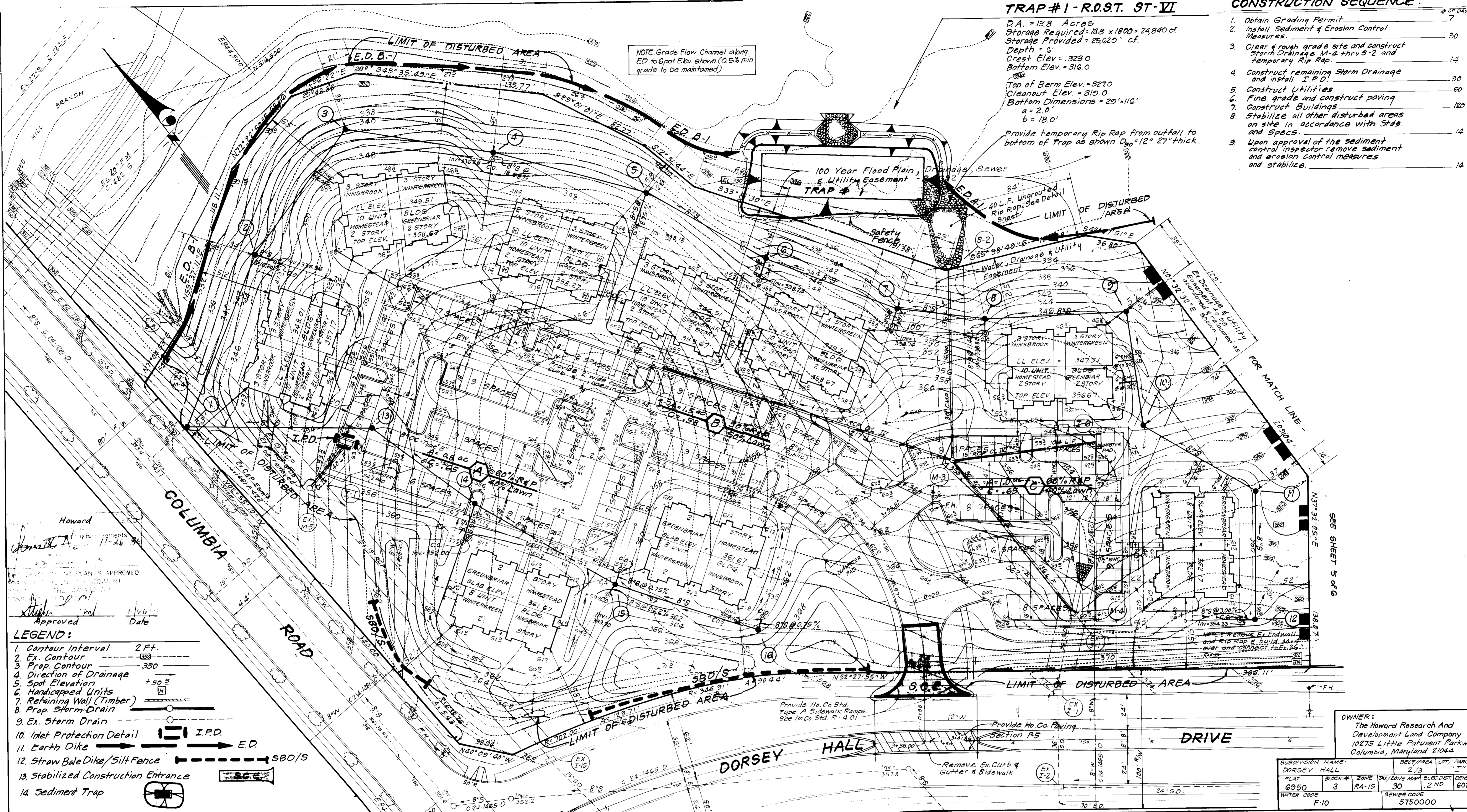
D.A. = 13.8 Acres
 Storage Required = 138 x 1800 = 24,840 cf
 Storage Provided = 25,620 cf
 Depth = 6'
 Crest Elev. = 323.0
 Bottom Elev. = 316.0
 Top of Berm Elev. = 327.0
 Cleanout Elev. = 319.0
 Bottom Dimensions = 29' x 116'
 a = 2.0'
 b = 18.0'

Provide temporary Rip Rap from outfall to bottom of Trap as shown C₉₀ = 12" x 27" thick.

CONSTRUCTION SEQUENCE:

#	DESCRIPTION	# OF DAYS
1.	Obtain Grading Permit	7
2.	Install Sediment & Erosion Control Measures	30
3.	Clear & rough grade site and construct Storm Drainage M-4 thru S-2 and temporary Rip Rap	14
4.	Construct remaining Storm Drainage and install I.P.D.	30
5.	Construct Utilities	60
6.	Fine grade and construct paving	120
7.	Construct Buildings	120
8.	Stabilize all other disturbed areas on site in accordance with Stds. and Specs.	14
9.	Upon approval of the sediment control inspector remove sediment and erosion control measures and stabilize.	14

NOTE: Grade Flow Channel along ED to Spot Elev. shown (0.5% min. grade to be maintained)



Howard
 Approved
 Date

LEGEND:

- Contour Interval 2 Ft.
- Ex. Contour
- Prop. Contour 350
- Direction of Drainage
- Spot Elevation +50 S
- Handicapped Units
- Retaining Wall (Timber)
- Prop. Storm Drain
- Ex. Storm Drain
- Inlet Protection Detail I.P.D.
- Earth Dike E.D.
- Straw Bale Dike/Silt Fence SBO/S
- Stabilized Construction Entrance SCE
- Sediment Trap

OWNER:
 The Howard Research And Development Land Company
 10275 Little Patuxent Parkway
 Columbia, Maryland 21044

SUBDIVISION NAME	DORSEY HALL	SECT./AREA	2/3	LOT/PARCEL	
PLAT	6950	BLOCK #	3	ZONE	RA-15
WATER CODE	F-10	SEWER CODE	5750000	ELEC. DIST.	30
				CENSUS TRACT	2 ND 6023.01

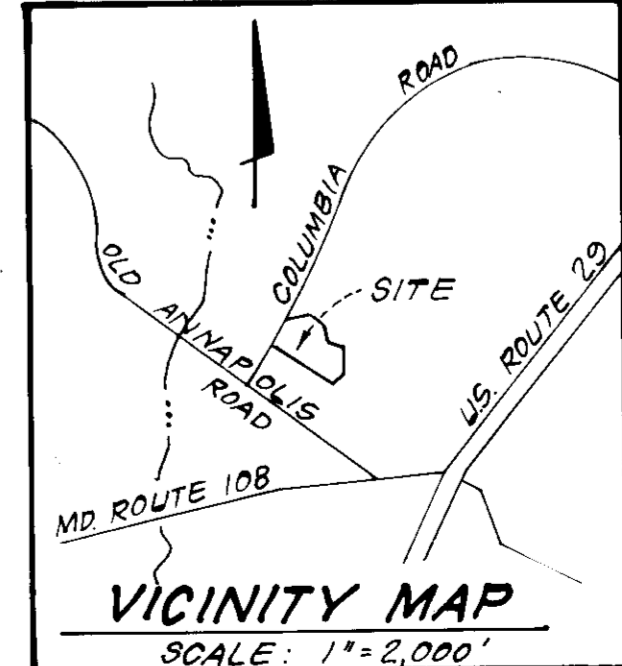
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 12-8-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 12-9-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD/COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 12-15-86

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-15-86

G. Nelson Clark
 9-10-86
 Date



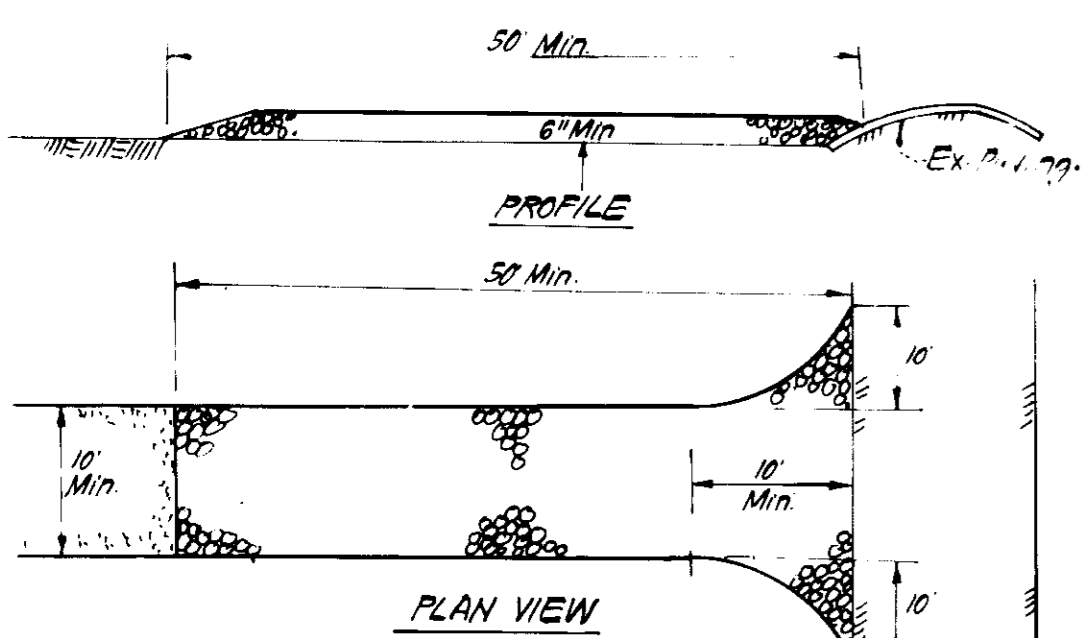
CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED J.L.S.
 DRAWN J.L.S.
 CHECKED V.L.M.
 DATE 9-4-86

SEDIMENT AND EROSION CONTROL PLAN AND DRAINAGE AREA MAP
DORSEY HALL
 SECTION 2 AREA 3
 2ND ELECTION DISTRICT, HOWARD CO., MARYLAND
 FOR: THE RYLAND GROUP INC.
 7130 Minsirel Way, Suite 215
 Columbia, Maryland 21045

SCALE 1" = 30'
 DRAWING 4 OF 6
 JOB NO. 86-039
 FILE NO. 86-039S

SDP-87-59

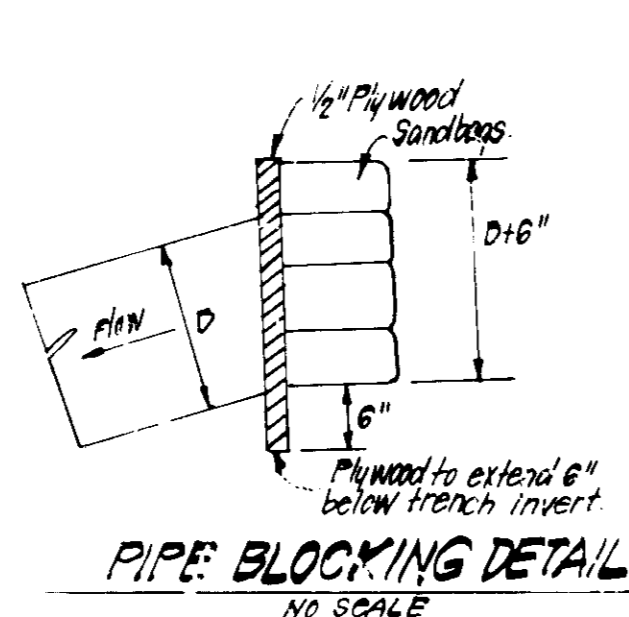


CONSTRUCTION SPECIFICATIONS:

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30' min length would apply).
3. Thickness - Not less than 6".
4. Width - Not less than 10'.
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 or diverted toward construction entrances shall be piped across the entrance.
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 to remove sediment 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.

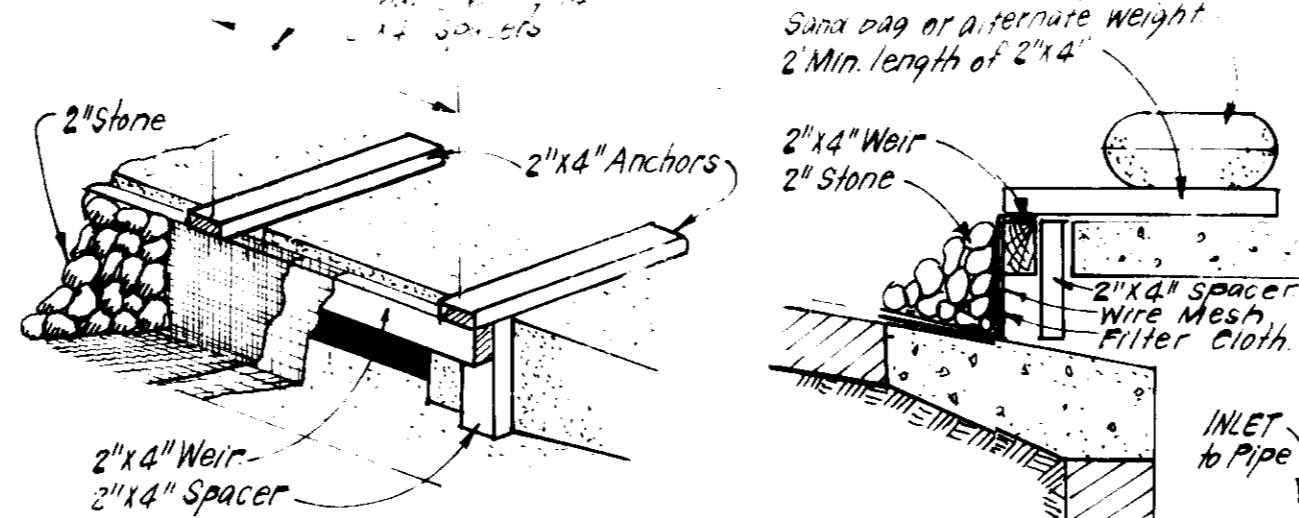
STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)

NO SCALE



PIPE BLOCKING DETAIL

NO SCALE



CURB INLET PROTECTION DETAIL

NO SCALE

- CONSTRUCTION SPECIFICATIONS:**
1. A wooden frame is to be constructed of 2x4" construction grade lumber.
 2. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded above it.
 3. Filter cloth must be of a type approved for this purpose resistant to sunlight with sieve size #20, #40, #60, to allow sufficient passage of water and removal of sediment.
 4. Frame to be 2" size and 2" high, since pipes would clog the cloth.

II PROCEDURE: SWALE DITCHLINE OR HARD INLET PROTECTION

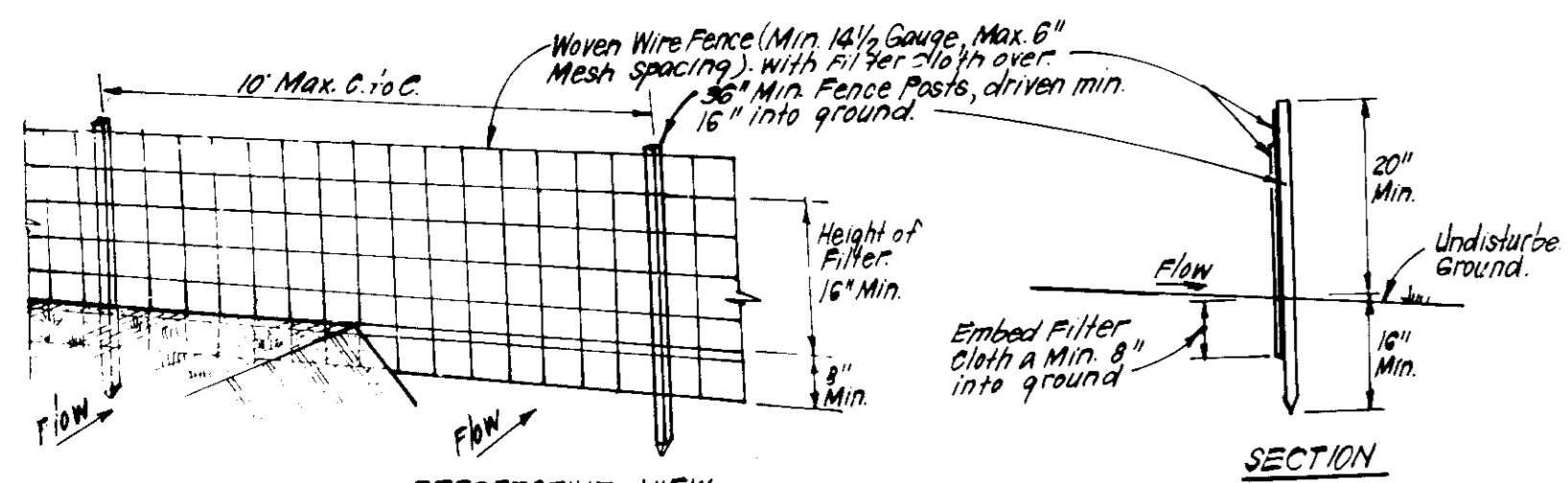
1. Excavate swale or inlet to a depth of 12" below curb elevation.
2. Drive 2x4 post 1" into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2x4 frame using overlap joint shown. Top of frame weir must be 6" below edge of roadway adjacent to inlet.
3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post. Be sure mesh overlaps and is 2" higher than fasteners.
4. Backfill around inlet in compacted 2" layers until layer of earth is even with curb elevation on ends and top elevation on sides.
5. If the inlet is not in a low point, construct a compacted earth dike in the ditch line below the top of this earth dike is to be at least 6" higher than the top of frame weir.
6. The structure must be inspected frequently and filter fabric replaced when clogged.

II PROCEDURE: CURB INLET PROTECTION

1. Attach a continuous piece of wire mesh 30" min width by throat length plus 4" to the 2x4" weir (measuring throat length plus 2" as shown on std. drawing).
2. Place a piece of approved filter cloth 40" x 85" sieve of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2x4" weir.
3. Securely nail the 2x4" weir to 3" long vertical spacers to be located between the weir and inlet face (max 6" apart).
4. Place the assembly against the inlet throat and nail 1/2" min 2" lengths of 2x4" to the top of the weir at spacer locations. These 2x4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the ends/spacers are a min 1" beyond the ends of throat opening.
6. From the wire mesh and filter cloth to the opposite gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
8. Assume that storm flow does not bypass inlet by installing temporary earth or rockwork dikes directing flow to inlet.

INLET PROTECTION DETAIL (I.P.D.)

NO SCALE



PERSPECTIVE VIEW

SECTION

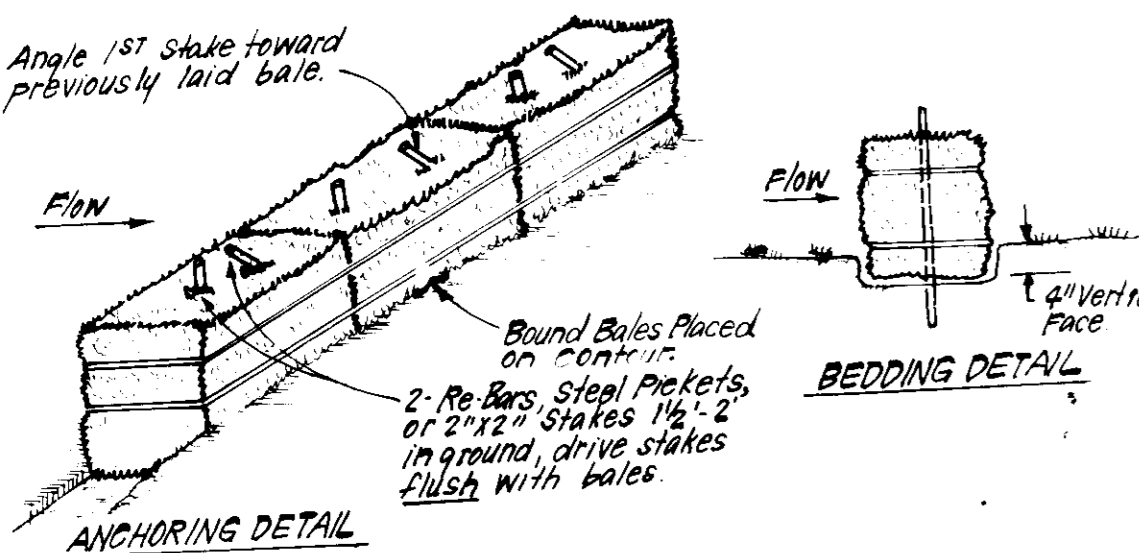
CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
3. When 2 sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when "baffles" develop in silt fence.

- POSTS: Steel, either T or U Type or 2" Hardwood
 FENCE: Woven Wire, 14 1/2 Gauge
 6" Max. Mesh Opening
 FILTER CLOTH: Filter, Miraflex 100X, Siablunka, T140N or approved equivalent.
 PREFABRICATED UNIT: Geofab, Envirofence, or approved equivalent.

SILT FENCE DETAIL (S)

NO SCALE



ANCHORING DETAIL

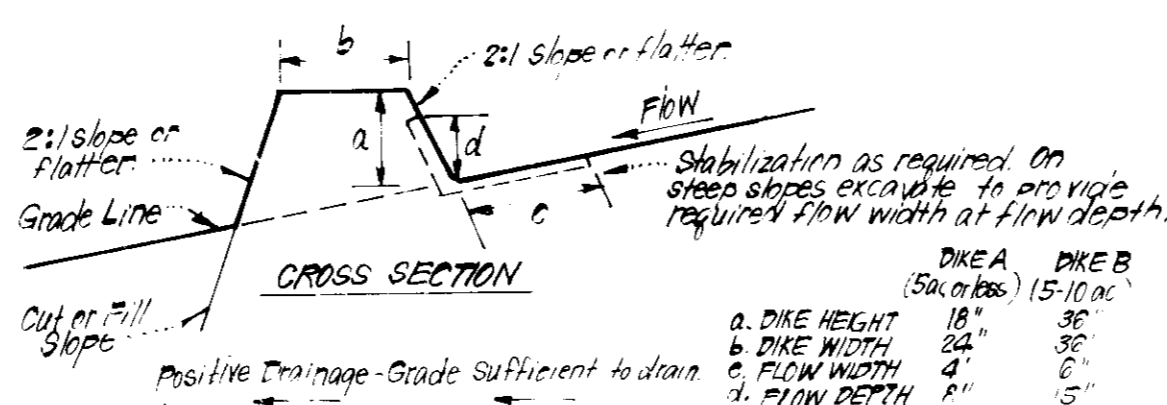
BEDDING DETAIL

CONSTRUCTION SPECIFICATIONS:

1. Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
3. Bales shall be securely anchored in place by either 2 stakes or re-bars driven thru the bale. The 1st stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bales.
4. Inspection shall be frequent and repair/replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

STRAW BALE DIKE DETAIL (SBD)

NO SCALE



CROSS SECTION

PLAN VIEW

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. Final location should be adjusted as needed to utilize a stabilized safe 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 seeds and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

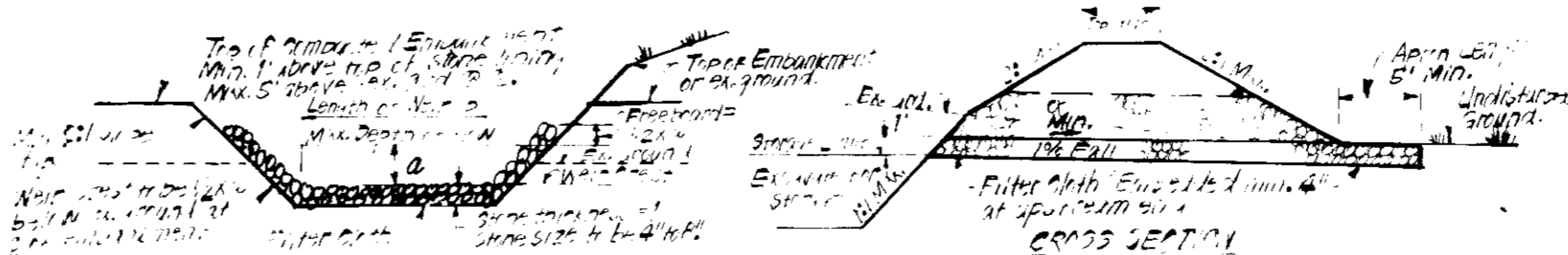
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	DIKE A	DIKE B
1	0.5 - 3.0% Seed & Straw Mulch	Seed or Straw Mulch
2	3.1 - 6.0% Seed & Straw Mulch	Seed, white or Excelsior, Sod, 2" Stone
3	6.1 - 8.0% Seed w/ lime or Sod; 2" Stone	Lined Rip Rap 4" - 8" Stone
4	8.1 - 20.0% Lined Rip Rap 4" - 8" Stone	Engineering Design

- A Stone to be 2" Stone, or recycled concrete equivalent, in a layer at least 3" thick and be pressed into soil with construction equipment.
- Rip Rap to be 4" - 8" in a layer at least 8" thick, pressed into soil.
- Approved equivalents can be substituted for any of the above materials.

EARTH DIKE DETAIL (E.D.)

NO SCALE

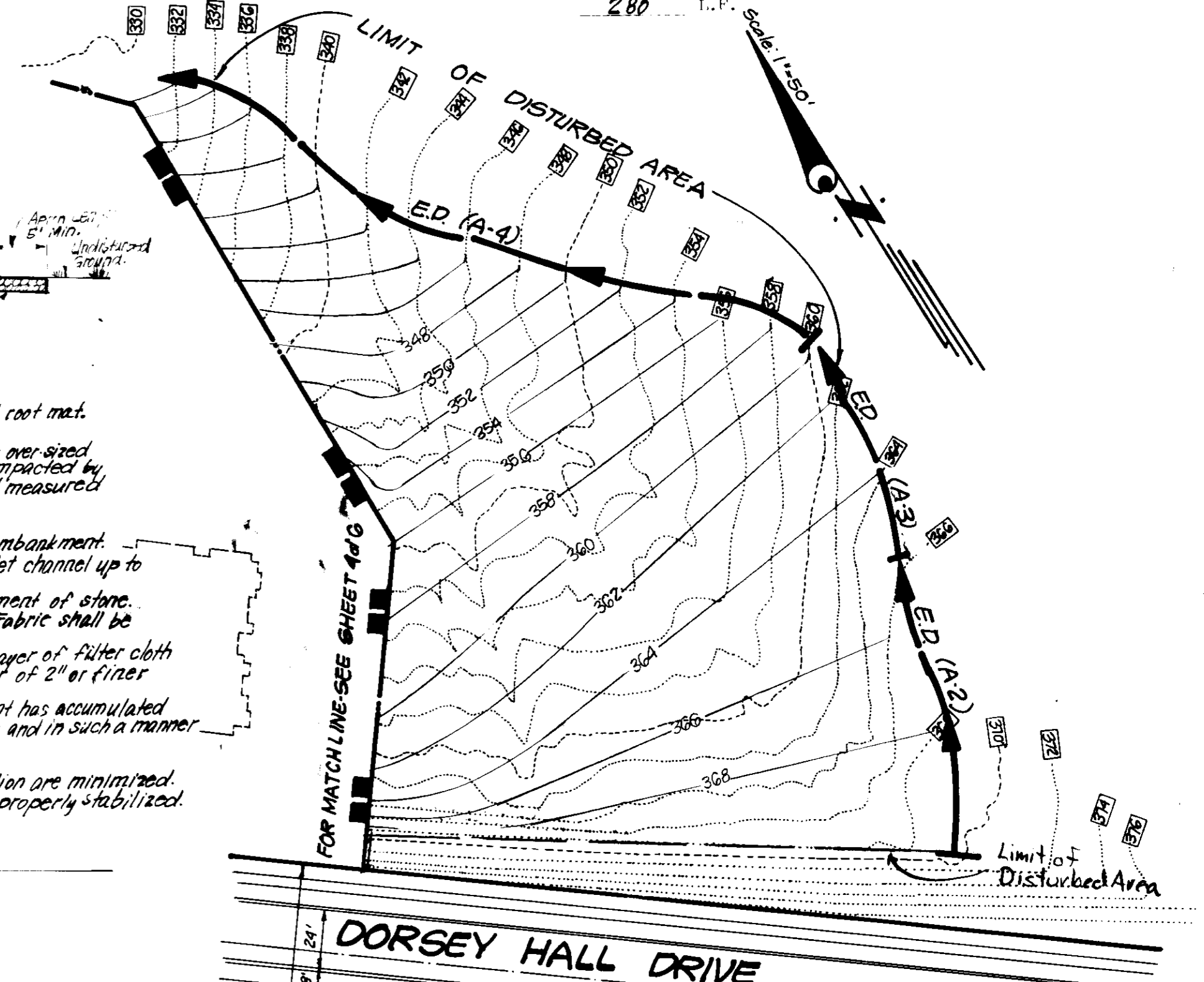


CONSTRUCTION SPECIFICATIONS:

1. The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The post area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equip. while it is being constructed. Max height of embankment shall be 5' measured at 4' of embankment.
3. All fill slopes shall be 2:1 or flatter's cut slopes 1:1 or flatter.
4. Elevation of the top of any dike directing water into trap must equal or exceed height of embankment.
5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of 1' below the lower weir crest.
6. Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least 1' with section nearest the entrance placed on top. Fabric shall be embedded at least 6" into existing ground at entrance of outlet channel.
7. Stone used in the outlet channel shall be 4" to 8" rip rap to provide a filtering effect, a layer of filter cloth shall be embedded 1' back into the upstream face of the outlet stone or a 1" thick layer of 2" or finer aggregate shall be placed on the upstream side of the outlet.
8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap. (Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.)
9. The structure shall be inspected after each rain and repaired as needed.
10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
12. Drainage area for this practice is limited to 15 acres or less.

RIPRAP OUTLET SEDIMENT TRAP - ST-VI

NO SCALE



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND ZONING
 HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-15-86

OWNER'S CERTIFICATE
 I hereby certify that the information and data furnished herein are true and correct to the best of my knowledge and belief, and that the same are in accordance with the requirements of the Howard County Conservation District.
 DATE 9-11-86

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan for the control of erosion and sedimentation on the site shown, and that it was prepared in accordance with the requirements of the Howard County Conservation District.
 DATE 9-10-86

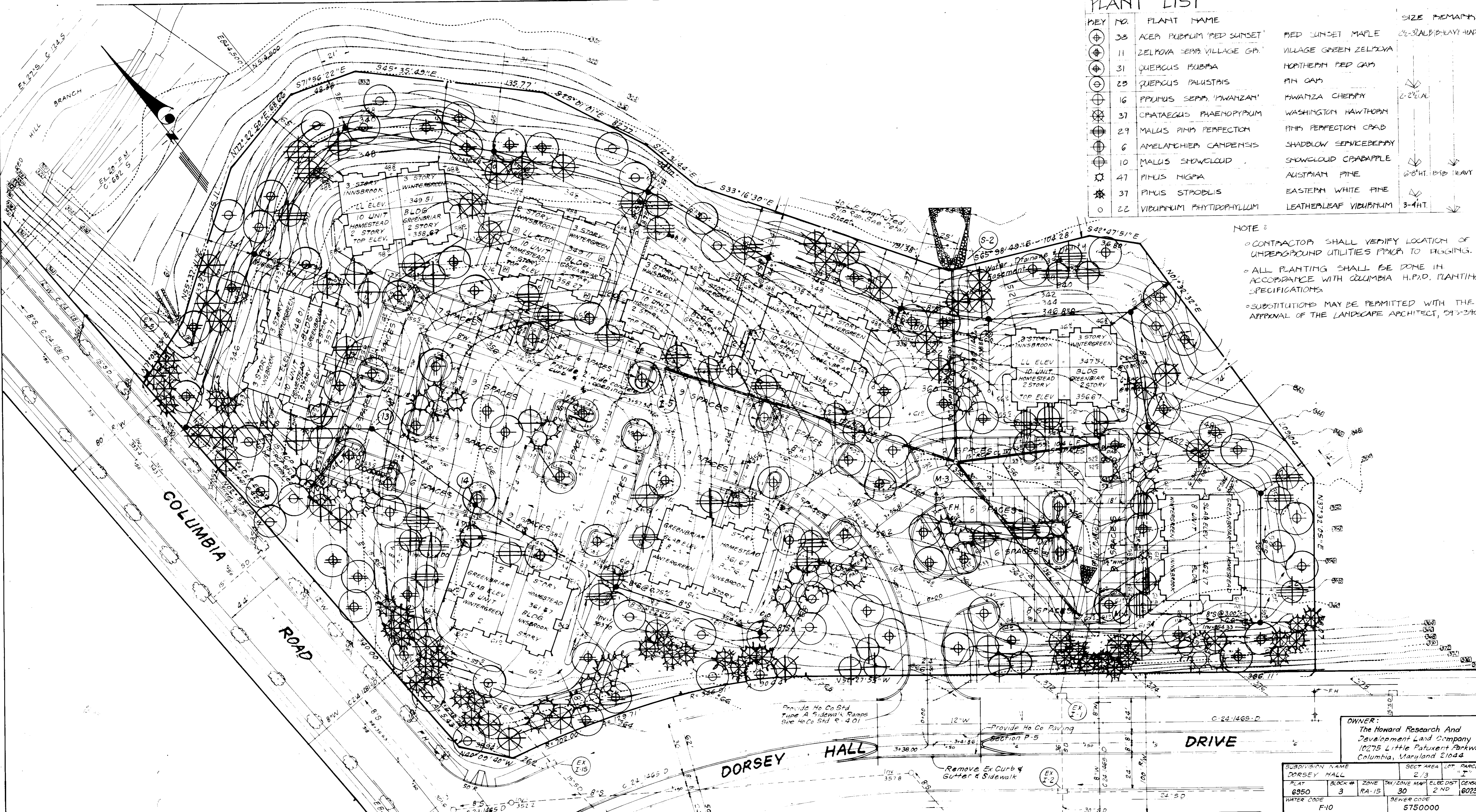
CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11317 LOCKWOOD DRIVE
 SILVER SPRING, MARYLAND 20904
 DESIGNED BY JLS
 DRAWN BY VLM
 CHECKED BY JLS
 DATE 9-10-86
 SCALE AS SHOWN
 DRAWING NO. 5 OF 6
 JOB NO. 86-039
 FILE NO. 86-7395E
 OWNER: The Howard Research And Development Land Company
 10275 Little Patuxent Parkway
 Columbia, Maryland 21044
 SDP-87-59

PLANT LIST

KEY	NO.	PLANT NAME	COMMON NAME	SIZE MEMPHYS
⊕	38	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	2-3' CALIBER / 10' HGT.
⊕	11	ZELKOVA SEPPA VILLAGE GP.	VILLAGE GREEN ZELKOVA	2-2' CAL.
⊕	31	QUERCUS RUBRA	NORTHERN RED OAK	2-2' CAL.
⊕	28	QUERCUS PALUSTRIS	PIN OAK	2-2' CAL.
⊕	16	PPUNUS SEPPA 'KWANZAN'	KWANZA CHERRY	2-2' CAL.
⊕	37	CPATAEGUS PHAENOPYPUM	WASHINGTON HAWTHORN	2-2' CAL.
⊕	29	MALUS PINK PERFECTION	PINK PERFECTION CRAB	2-2' CAL.
⊕	6	AMELANCHIER CANDENSIS	SHADBLOW SERVICEBERRY	2-2' CAL.
⊕	10	MALUS SNOWCLOUD	SNOWCLOUD CRABAPPLE	2-2' CAL.
⊕	47	PIHUS NIGRA	AUSTRIAN PINE	6-8' HT. 1 1/2" DB
⊕	37	PIHUS STROBLIS	EASTERN WHITE PINE	3-4' HT.
⊕	22	VIBURNUM PHYTIDOPHYLLUM	LEATHERLEAF VIBURNUM	3-4' HT.

NOTE:

- CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING.
- ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH COLUMBIA H.P.D. PLANTING SPECIFICATIONS.
- SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT, 5/13/86.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 12-8-86

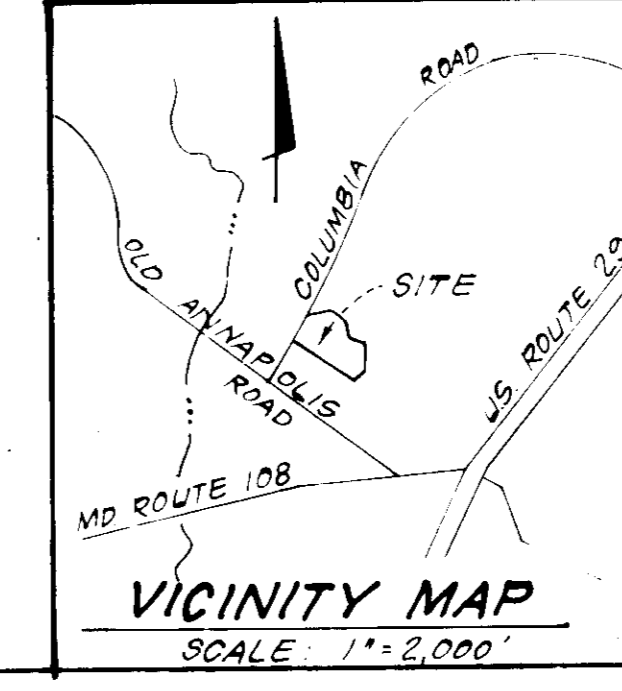
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 12-19-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 12-1-86

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-15-86

SUBDIVISION NAME		SECT AREA		LOT	PARCEL #
DORSEY HALL		2/3		I	
PLAT	BLOCK #	ZONE	TAX / ZONE MAP	ELEC DIST	CENSUS TR
6950	3	RA-15	30	2 ND	6023.01
WATER CODE		SEWER CODE			
F-10		5750000			

OWNER:
 The Howard Research And
 Development Land Company
 10275 Little Patuxent Parkway
 Columbia, Maryland 21044



CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11317 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED: KPM
 DRAWN: KPM
 CHECKED: WHT
 DATE: 9-11-86

SCALE: 1"=30'
 DRAWING: 0 OF 6
 JOB NO: 86-039
 FILE NO: 86-039

DORSEY HALL
 SECTION 2 AREA 3
 2ND ELECTION DISTRICT, HOWARD CO., MARYLAND
 FOR: THE RYLAND GROUP INC
 7130 Minstrel Way Suite 215
 Columbia, Maryland 21045

SDP-87-59