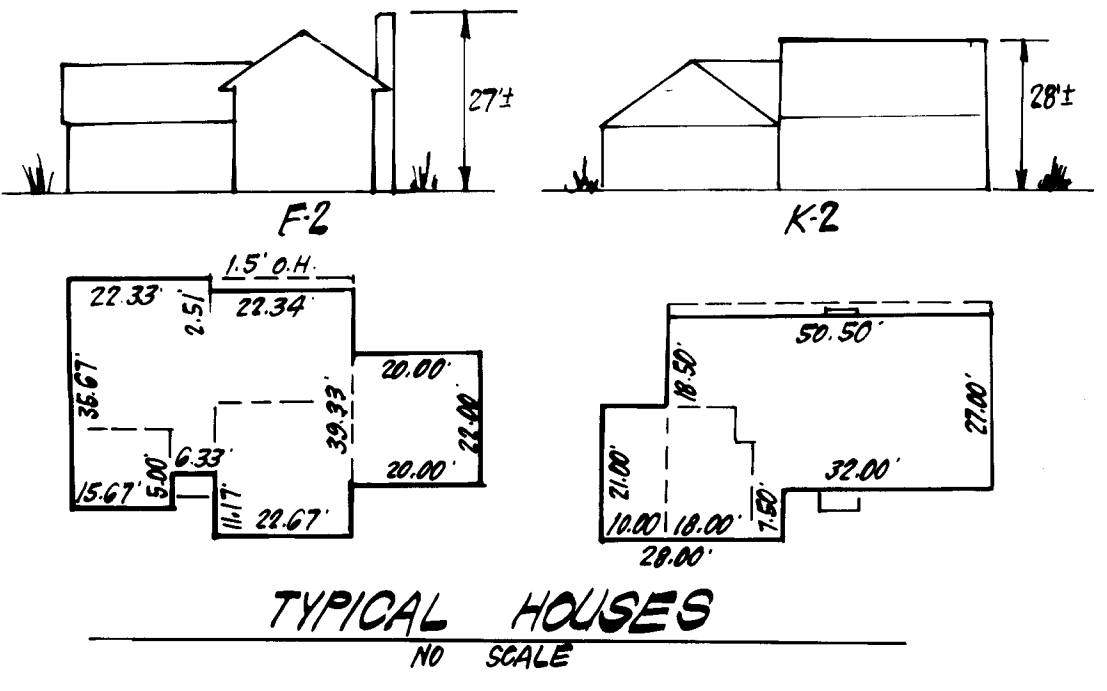


- GENERAL NOTES:**
- The land included in this plan is zoned: R-20.
 - All coordinates are extensions made from Maryland State Plane Coordinate System. Bearings refer to true north and are based on Maryland Bureau of Control Surveys Point "Columbia Reset 1966" N572035.04, E846133.78.
 - Tax Map No. 24.
 - All roadways are Public & Existing.
 - Total Area: 1.957 Acres.
 - Any damage to county owned rights-of-way shall be corrected at the Developer's expense.
 - Total number of Lots: 4



- LEGEND:**
- Contour Interval: 2 Ft.
 - Existing Contour: ---
 - Proposed Contour: - - - -
 - Spot Elevation: +715
 - Direction of Drainage: →
 - Walk-Out Basement: [Symbol]

LOT No	ADDRESS CHART	STREET ADDRESS
389	4273	LILAC COURT
390	4269	"
391	4265	"
392	4261	"

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
DORSEY HALL	1 5	389-392
PLAT# OF L.F. BLOCK#	ZONE	TAX/ZONE MAP ELEC. DIST.
487B	21 R-20	24 2ND 6023.01
WATER CODE	SEWER CODE	
F08	5B30000	

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

James M. Boyd 9-26-84
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Thomas A. Hamrick 9-28-84
PLANNING DIRECTOR DATE

John M. Muehler 9-27-84
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

Robert M. Berger 9-21-84
DIRECTOR DATE

William J. Raine 9-21-84
CHIEF BUREAU OF ENGINEERING DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-7-84

[Signature]

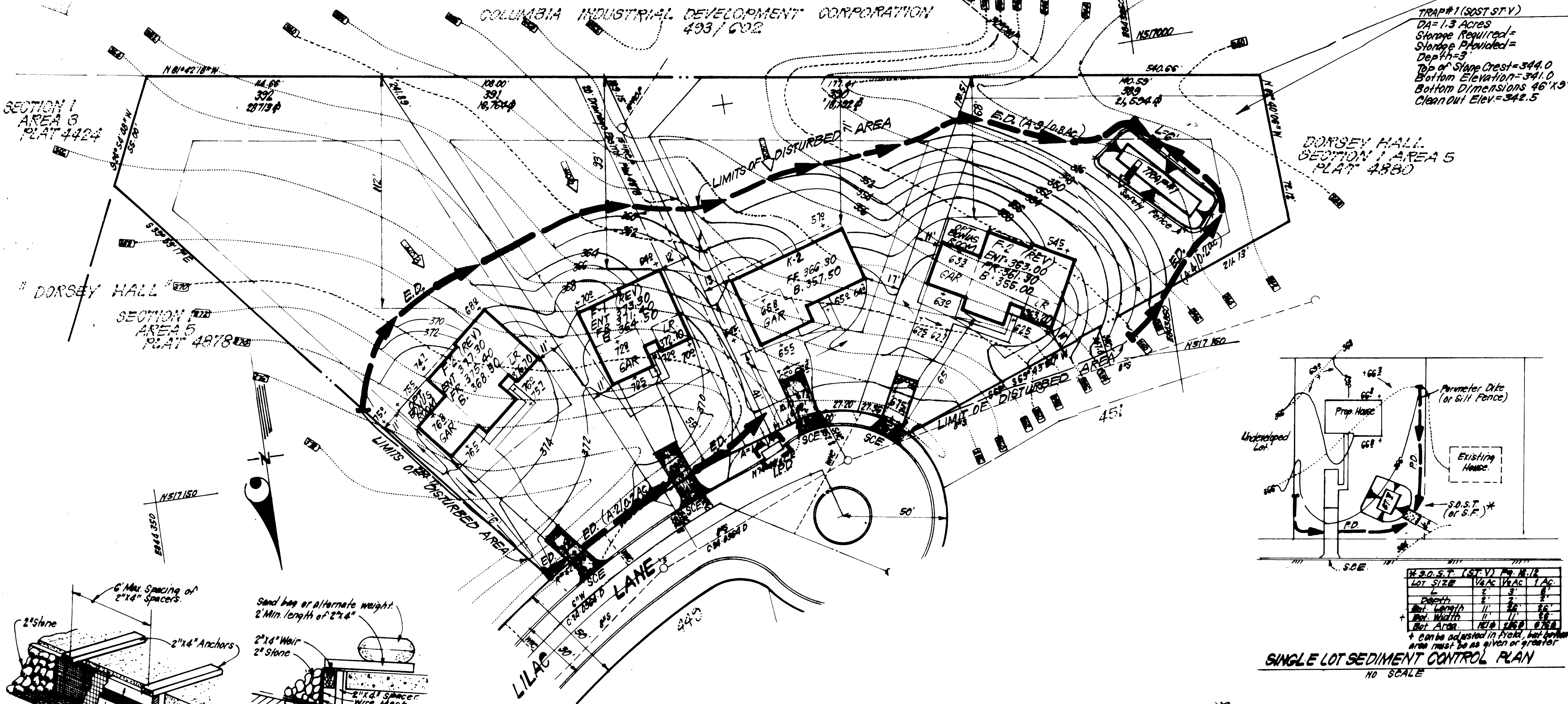


CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

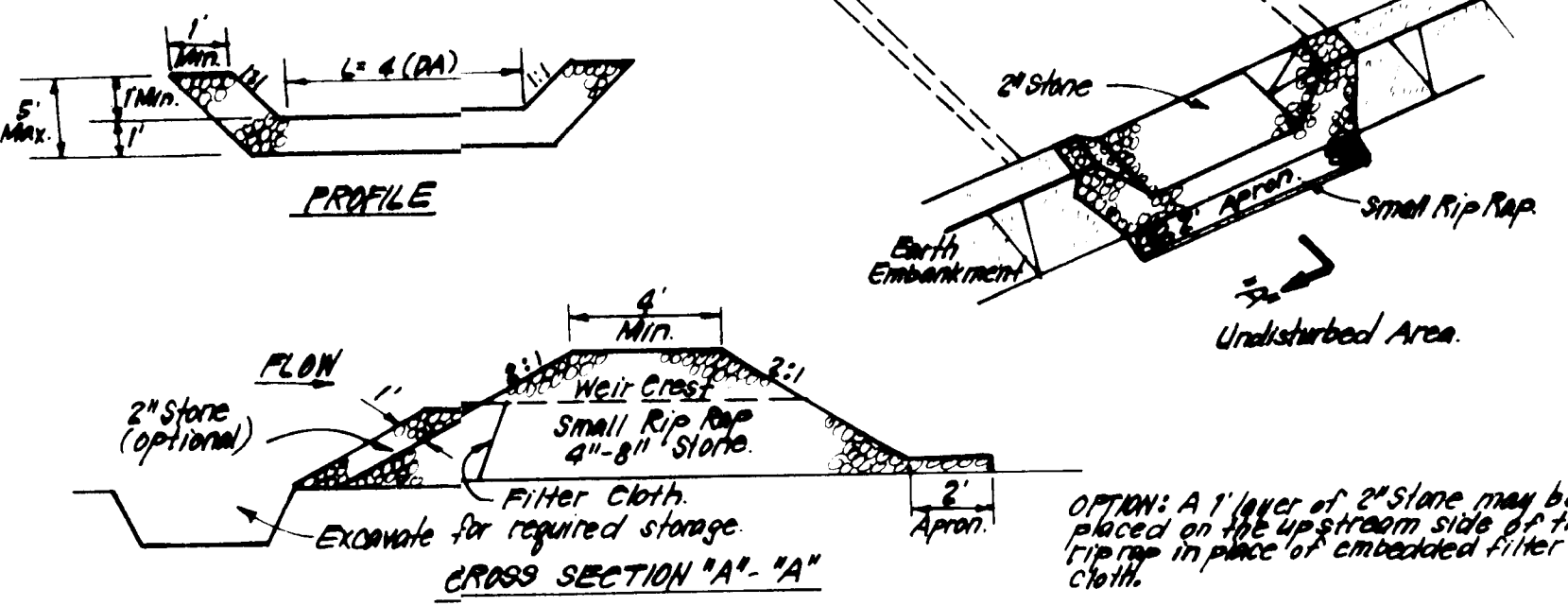
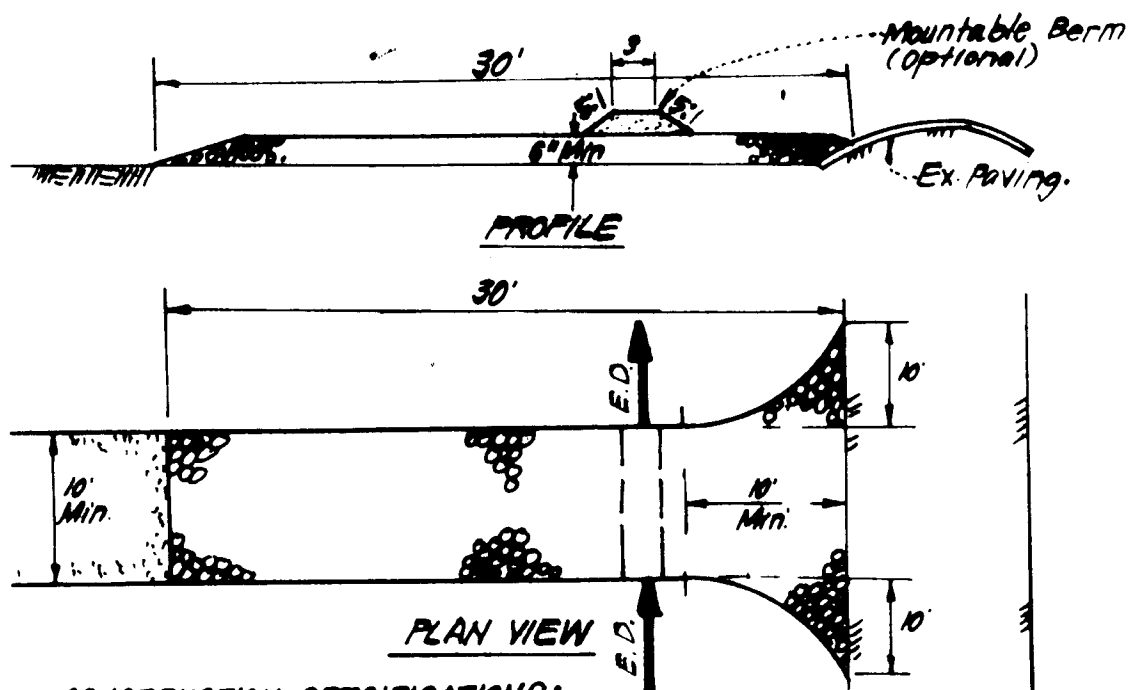
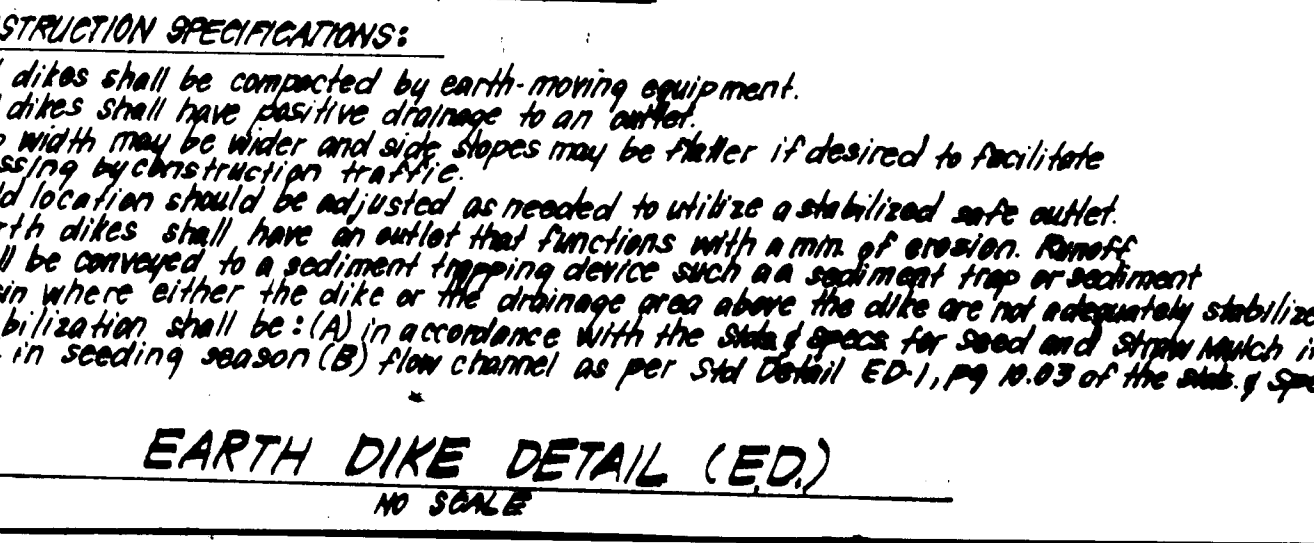
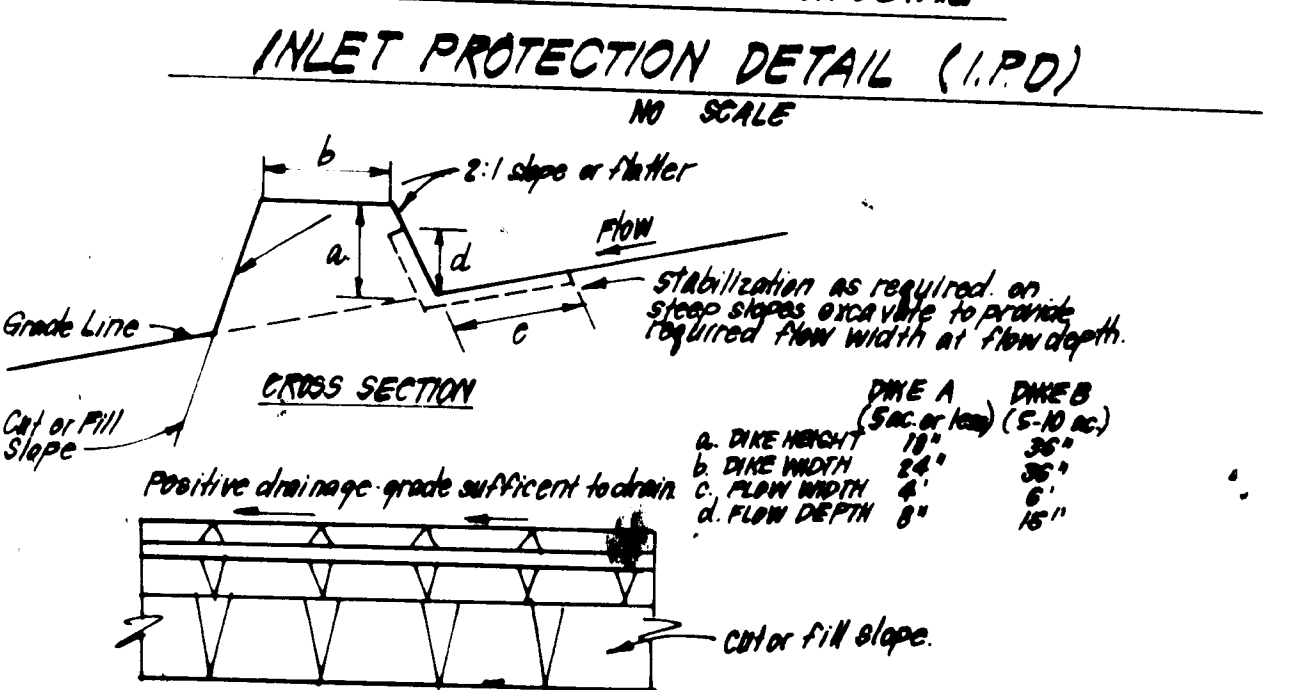
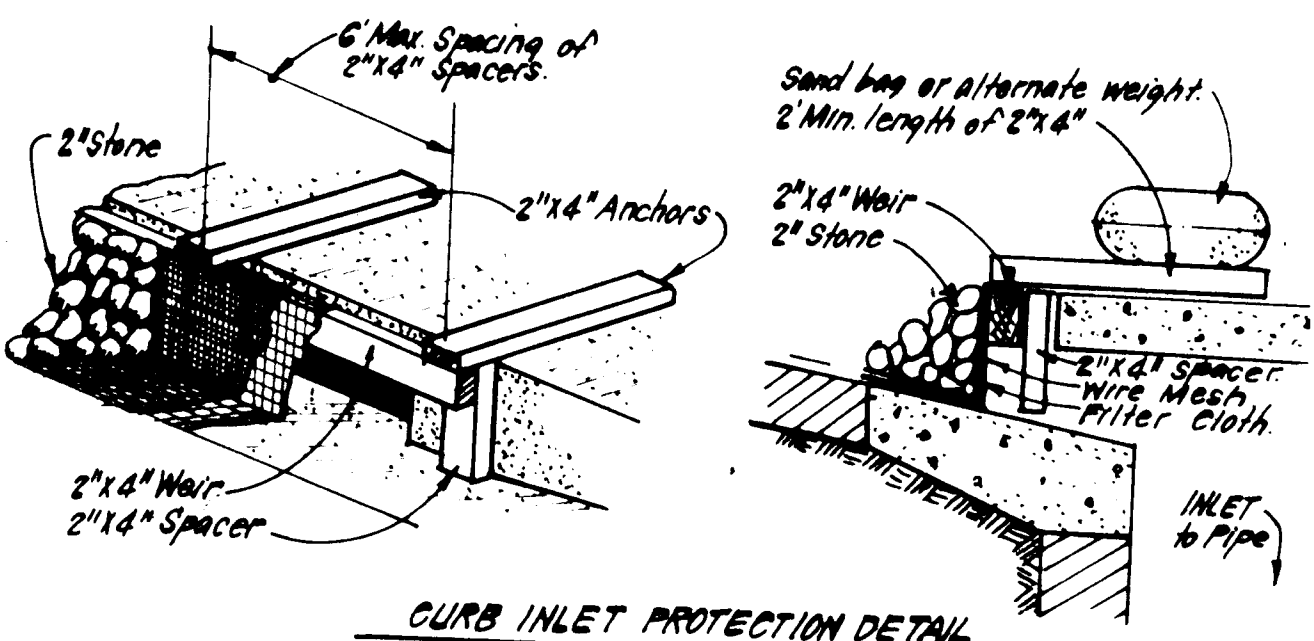
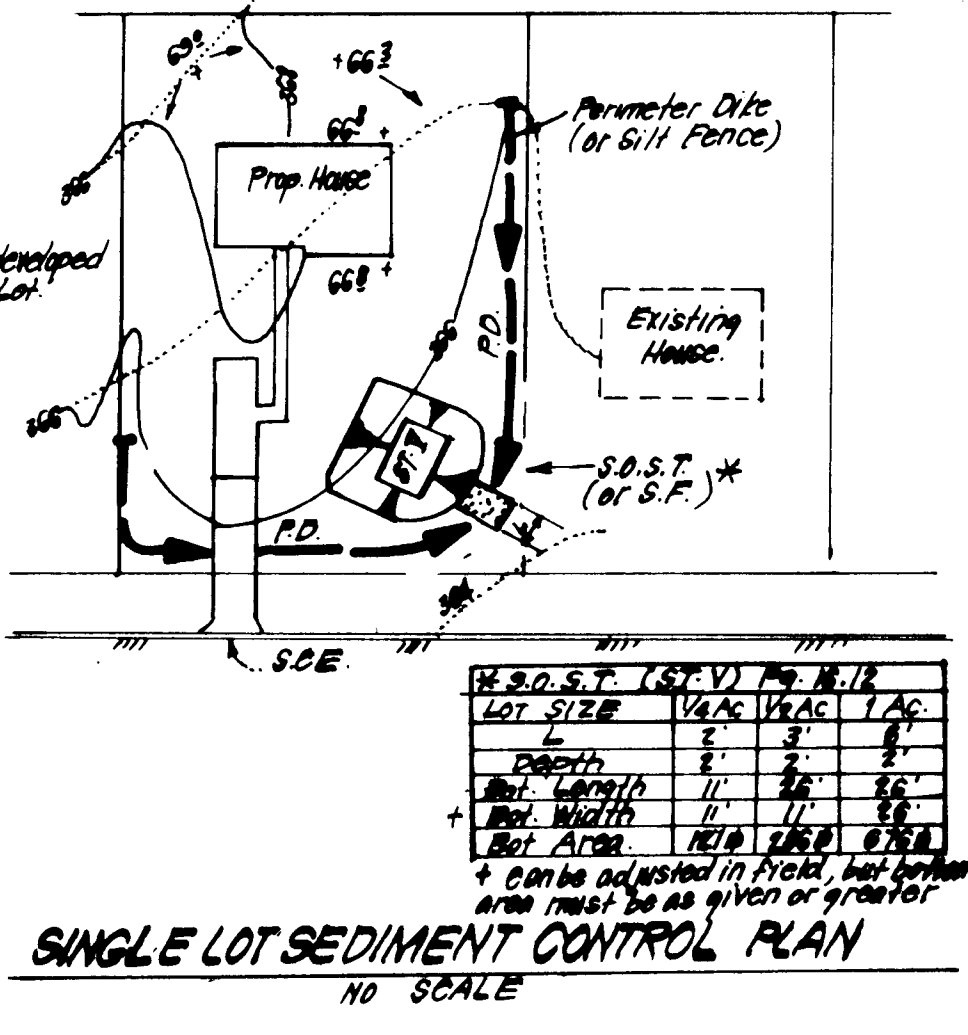
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	JME	SITE DEVELOPMENT PLAN LOTS 389 THRU 392	SCALE	1"=30'
DRAWN	KJM	DORSEY HALL	DRAWING	10F2
CHECKED	JME	SECTION 1 AREA 5 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.	83-100
DATE	8-8-84	FOR: COLUMBIA BUILDERS, INC. 3 Lakeshore North, Suite 200 Columbia, Md. 21044	FILE NO.	83-100-X

SDP-85-24

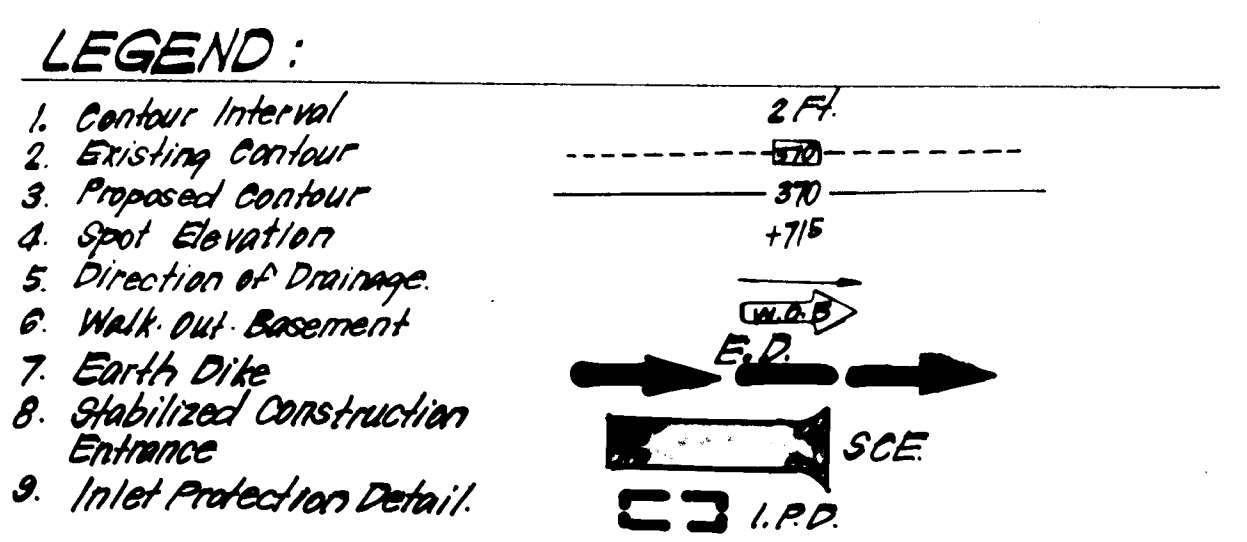


- ### GENERAL NOTES
- Grading Permits shall be obtained prior to installation of sediment control.
 - All Sediment Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of existing surface of site.
 - Notify the Bureau of Inspections and Permits at least 24 hours before starting any work.
 - All Sediment Control Practices to conform to the "Standards and Specs. for Soil Erosion and Sediment Control in Developing Areas", and shall be adjusted to meet actual field conditions.
 - 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 including 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.
 - See Pages 51.01 - 51.08 of the Maryland State & Specs. for Soil Erosion and Sediment Control for Permanent Seeding and Pages 50.01 - 50.05 for Temporary Seeding.
 - As per C.O.M.A.R. 08.05.01.06 -- "Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within (a) seven calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to one vertical (3:1) and (b) fourteen days as to all other disturbed or graded areas on the project site."
 - All pipes to be blocked at the end of each day (See detail below).
 - The total amount of Straw Bale Dikes/Silt Fence shown = None L.P.
 - SITE ANALYSIS:**
 - A Total Area: 1.957 Acres
 - B Area to be Roofed: 0.197 Acres
 - C Area to be Paved: 0.091 Acres
 - D Area to be Seeded: 0.833 Acres
 - E Area Undisturbed: 0.836 Acres
 - CONSTRUCTION SEQUENCE:**
 - A Install Sediment & Erosion Control Devices and Stabilize.
 - B Excavate for Foundations and Rough Grade.
 - C Construct Structures, Driveways & Side Walks.
 - D Final Grade in accordance with note #10.
 - E If houses are to be constructed on an "As-Built" basis, at random, single lot sediment control, as shown below, shall be implemented.
 - F All sediment traps shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chap. 12, of The Howard Co. Design Manual for Storm Drainage.



- ### CONSTRUCTION SPECIFICATIONS:
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot) where a 1/2" minimum length would apply.
 - Thickness - Not less than 6".
 - Width - Ten feet minimum, but not less than the full width at point where ingress of water occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth shall be required on a single family residence lot.
 - Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance, if piping is impractical, a mountable berm with 3:1 slopes will be permitted.
 - 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 rags covering with stabilizer, stone as conditions demand. Sediment spilled, tracked, washed or tracked onto public rights of way must be removed immediately.
 - Warning - 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. Periodic inspection and needed maintenance shall be provided after each rain.
 - Portable inspection and needed maintenance shall be provided after each rain.

- ### CONSTRUCTION SPECIFICATIONS:
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be compacted.
 - The fill material for the embankment shall be free of rocks and other woody vegetation as well as over sized stones, rocks organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - All cut and fill slopes shall be 3:1 or flatter.
 - 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 of the outlet shall be small rip rap or embedded filter cloth in the rip rap.
 - 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.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 9-24-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 9-28-84

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE: 9-27-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 9-21-84

CHIEF BUREAU OF ENGINEERING
 DATE: 9-21-84

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 9-7-84

Reviewed for: [Signature] S.D.
 Name: Howard
 and meets Technical Requirements
 Signature: [Signature] Date: 9-18-84
 U.S. Soil Conservation Service

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

Signature: [Signature] Date: 9-18-84
 Approved: [Signature]

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 so deemed necessary."

Signature: [Signature] Date: 9-13-84
 Signature of Developer/Builder

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: [Signature] Date: 9-14-84
 G. Nelson Clark



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

DESIGNED: VLS
 DRAWN: VLS
 CHECKED: VLS
 DATE: 9-13-84

SCALE: 1"=30'
 DRAWING: 2 OF 2
 JOB NO: 83-100
 FILE NO: 83-100-SE

FOR: COLUMBIA BUILDERS, INC.
 5 LAMAR AVENUE NORTH SUITE 200
 COLUMBIA, MD 21046