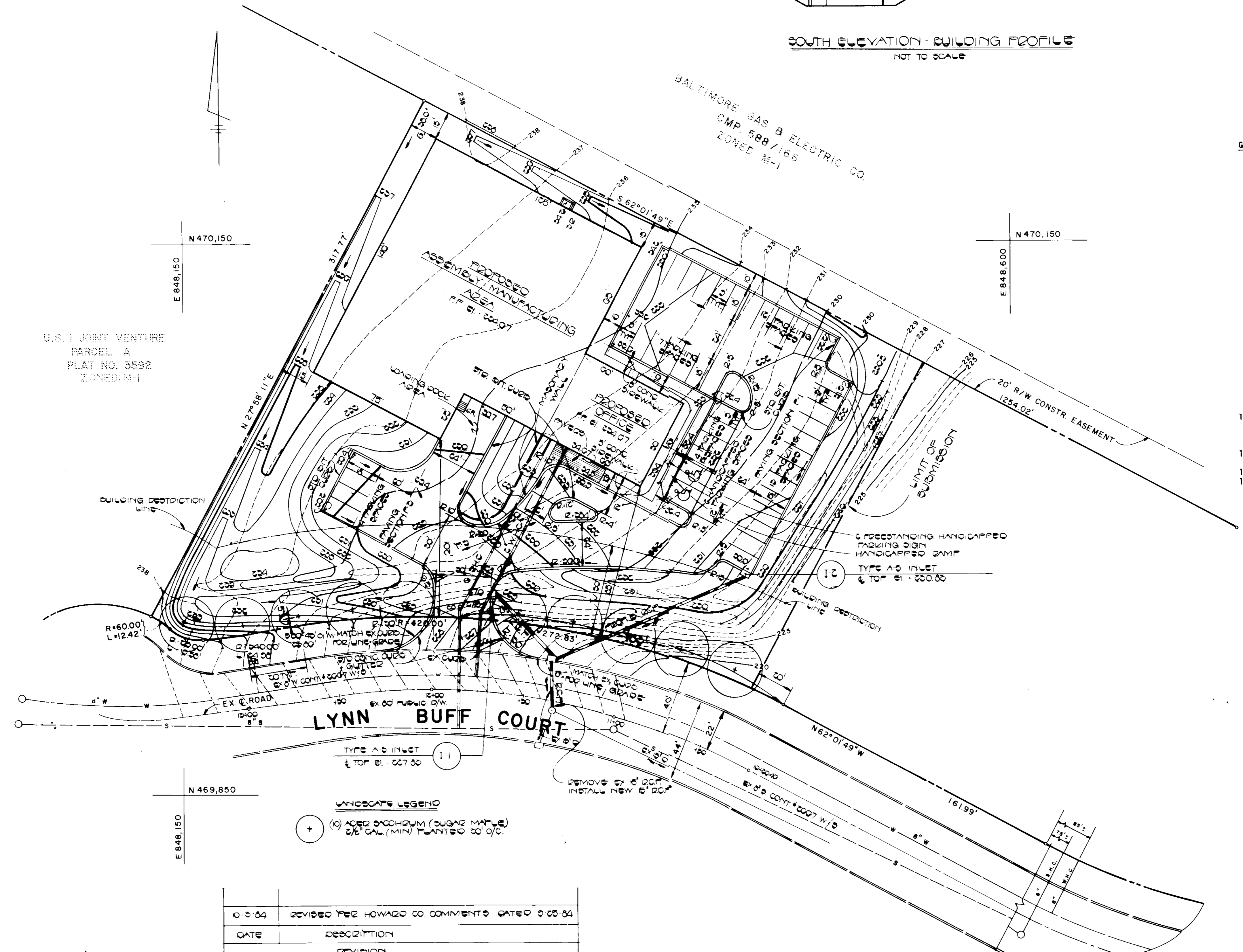


VICINITY MAP
SCALE: 1" = 1200'

- GENERAL NOTES:**
- TOTAL AREA OF PARCEL: 3.799 AC. ±
 - LIMIT OF SUBMISSION: 1.52 AC. ±
 - PRESENT ZONING: M-1 (MANUFACTURING - LIGHT)
 - PROPERTY IS RECORDED AS PLAT NO. 3592.
 - PROPERTY IS SHOWN ON TAX MAP 47, PART OF PARCEL 910.
 - PARKING DATA:
 - INTENDED USE OF STRUCTURE: OFFICES WITH WAREHOUSE.
 - TOTAL AREA OF BUILDING: 20,000 S.F. OR 0.46 AC. ± (12% COVERAGE)
 - OFFICES: 3000 S.F.
 - WAREHOUSE: 17,000 S.F.
 - TOTAL NUMBER OF SPACES REQUIRED: 40 SPACES.
 - OFFICES: 7 SPACES/10 EMPLOYEES = 7/10 x 8 = 6 SPACES
 - MAXIMUM NUMBER OF EMPLOYEES IN OFFICE: 8
 - WAREHOUSE: 1 SPACE/2 EMPLOYEES = 14/2 = 7 SPACES
 - MAXIMUM NUMBER OF EMPLOYEES IN WAREHOUSE: 14 PER SHIFT
 - TOTAL NUMBER OF SPACES PROVIDED: 41
 - REGULAR SPACES (9'x18') = 39
 - HANDICAPPED SPACES (12'x18') = 2
 - OPEN SPACE (GREEN AREA): 2.799 AC. ± (74%)
 - MINIMUM REQUIREMENT (20%): 0.76 AC. ±
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 200-2427.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - STORM WATER MANAGEMENT PROVIDED UNDER F-75-67.



U.S. I JOINT VENTURE
PARCEL A
PLAT NO. 3592
ZONED: M-1

- LEGEND**
- EXISTING CONTOUR (1' INTERVAL)
 - PROPOSED CONTOUR (1' INTERVAL)
 - SPOT ELEVATION
 - DRAINAGE FLOW
 - RETAINING WALL
 - EX. WOODS TO BE SAVED
 - STRAW BALE DIKE (S.B.D.)
 - SILT FENCE (S.F.)
 - STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
 - PERIMETER DIKE (P.D.)

LANDSCAPE LEGEND

- (C) ACED CROCOTRUM (SUGAR MAPLE)
- 2 1/2 GAL (MIN) PLANTED 30' O/C

DATE	DESCRIPTION	REVISION
10-2-84	REVISED PER HOWARD CO COMMENTS GATED 10-25-84	

ADDRESS CHART

PARCEL NO.	ADDRESS
E	9550 LYNN BUFF COURT

9-28-84
[Signature]

OWNER
PROLITH INTERNATIONAL, Inc.
10225 SOUTHARD DRIVE
BELTSVILLE, MARYLAND 20705

DEVELOPER
WILLIAM H. KNOTT, Inc.
1505 YORK ROAD
LUTHERVILLE, MARYLAND 21093
(301) 583-1800

ENGINEER'S CERTIFICATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVE.
ELLCOTT CITY, MD. 21043
(301) 461-2855

Charles J. Crovo Sr.
SIGNATURE OF ENGINEER
8/27/84
DATE

DEVELOPER'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."

W. H. Knott
SIGNATURE OF DEVELOPER
8/15/84
DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. [Signature]
10-16-84
DATE

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

APPROVED:
[Signature]
DATE

DISTRICT
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

James M. [Signature]
10-24-84
DATE

PLANNING DIRECTOR

John W. [Signature]
10-24-84
DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

John [Signature]
10-23-84
DATE

HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

F. [Signature]
10-14-84
DATE

DIRECTOR, PUBLIC WORKS

William H. Knott
10-13-84
DATE

CHIEF, BUREAU OF ENGINEERING

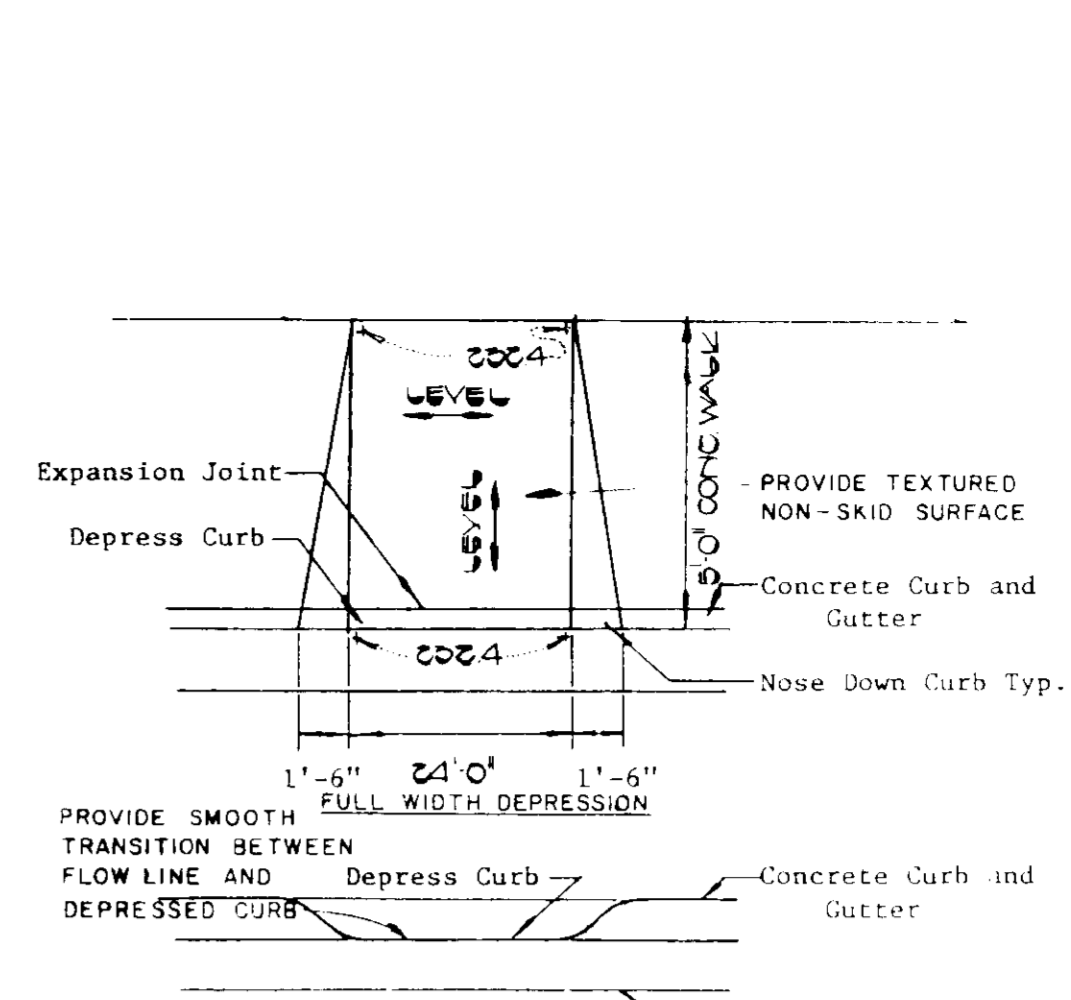
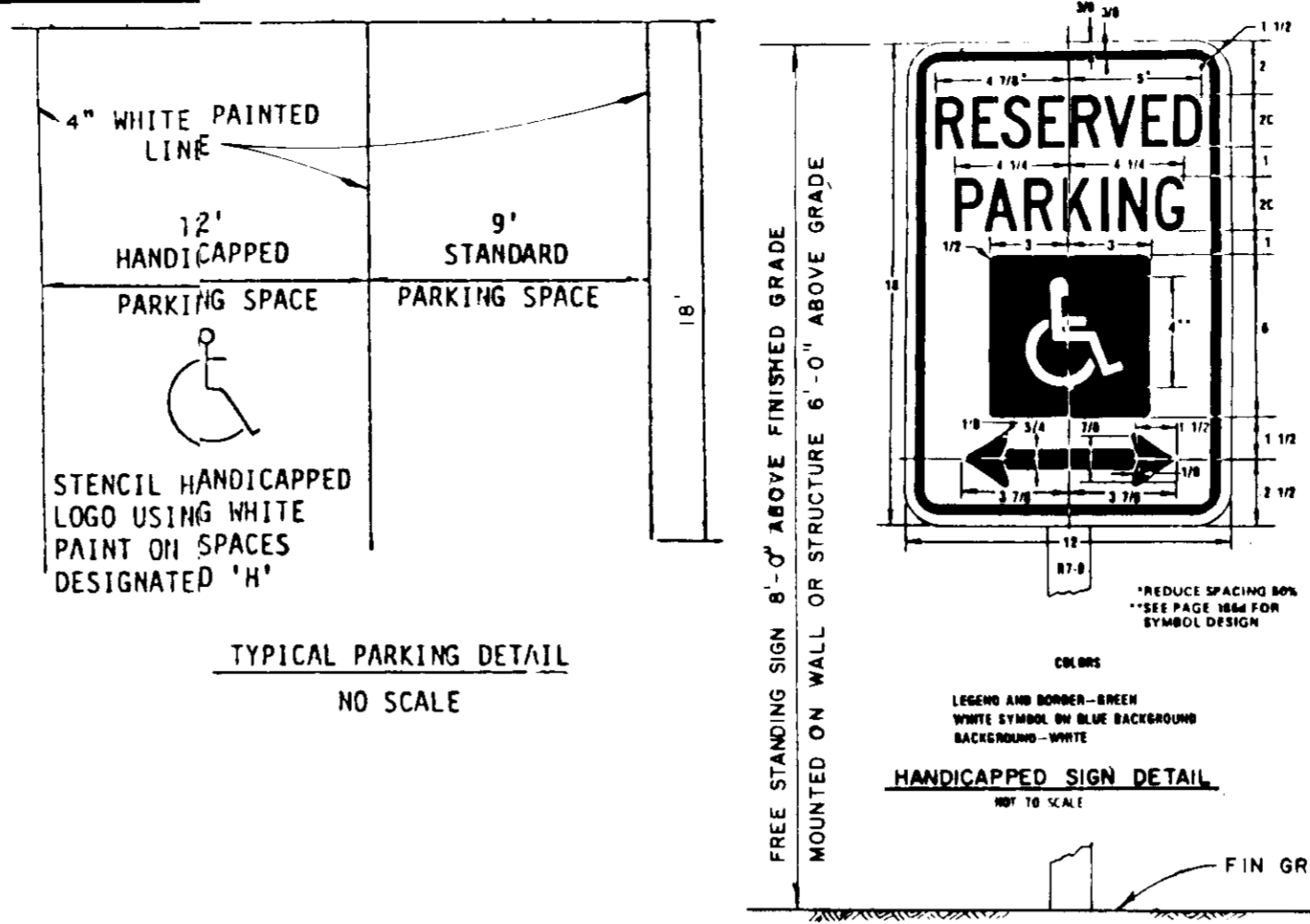
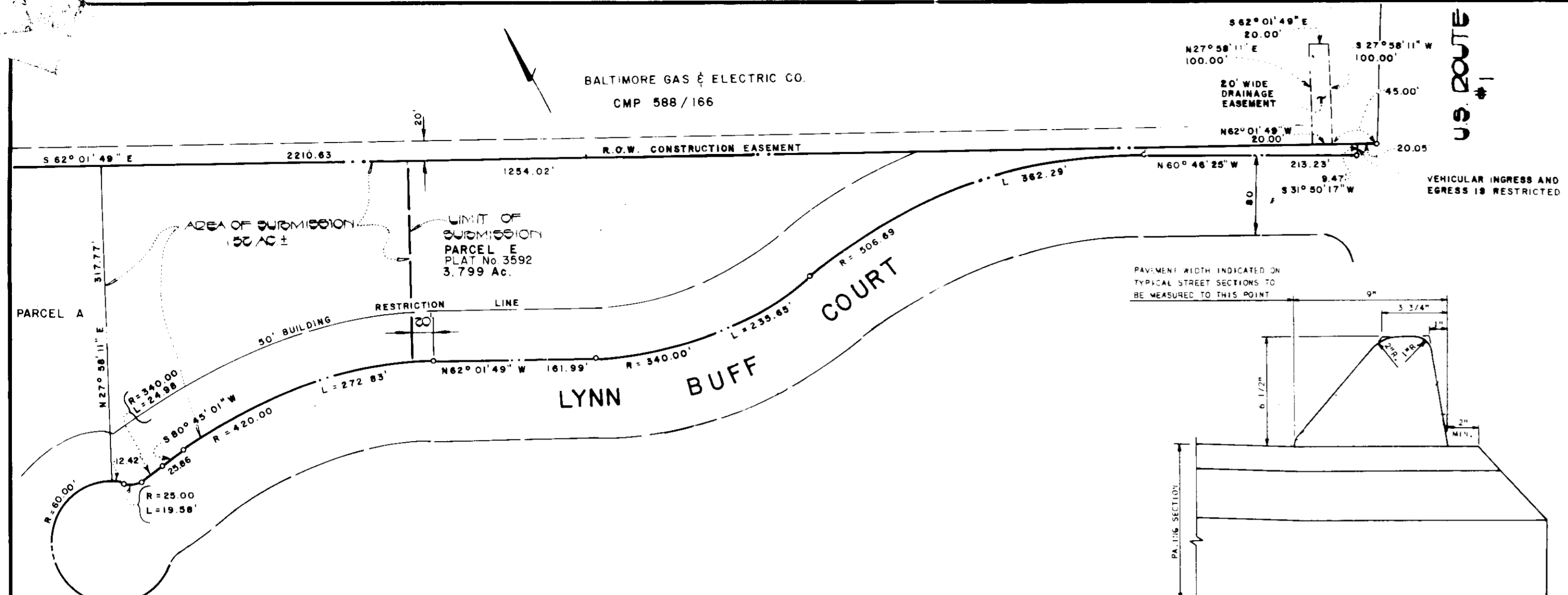
SUBDIVISION NAME	SECTION/AREA	TAX/ZONE	ELEC. DIST.	CENSUS TR.
U.S. I JOINT VENTURE	E			
PLAT NO./F. BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
3592 23	M-1	47	6 TH	6063
WATER CODE	SEWER CODE			
C-04	7220000			

SITE DEVELOPMENT PLAN

PARCEL E
U.S. I JOINT VENTURE
PROLITH INTERNATIONAL, INC.
TAX MAP 47 P/O PARCEL 910
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

SCALE: 1" = 30'
AUGUST 27, 1984
REVISED OCTOBER 3, 1984
SHEET 1 OF 3

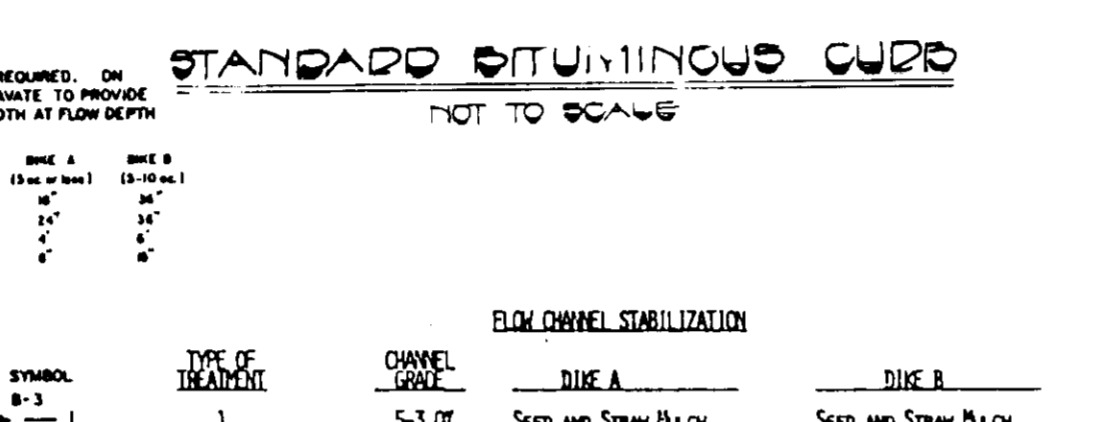
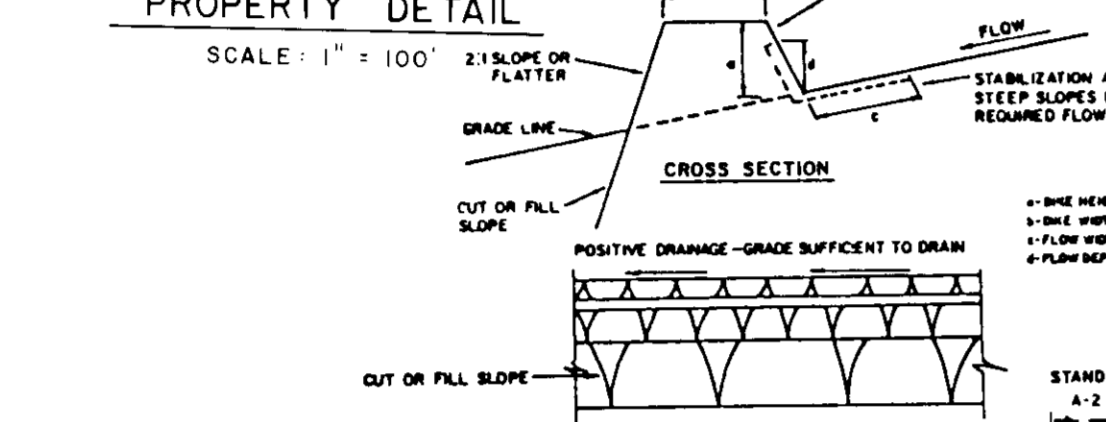
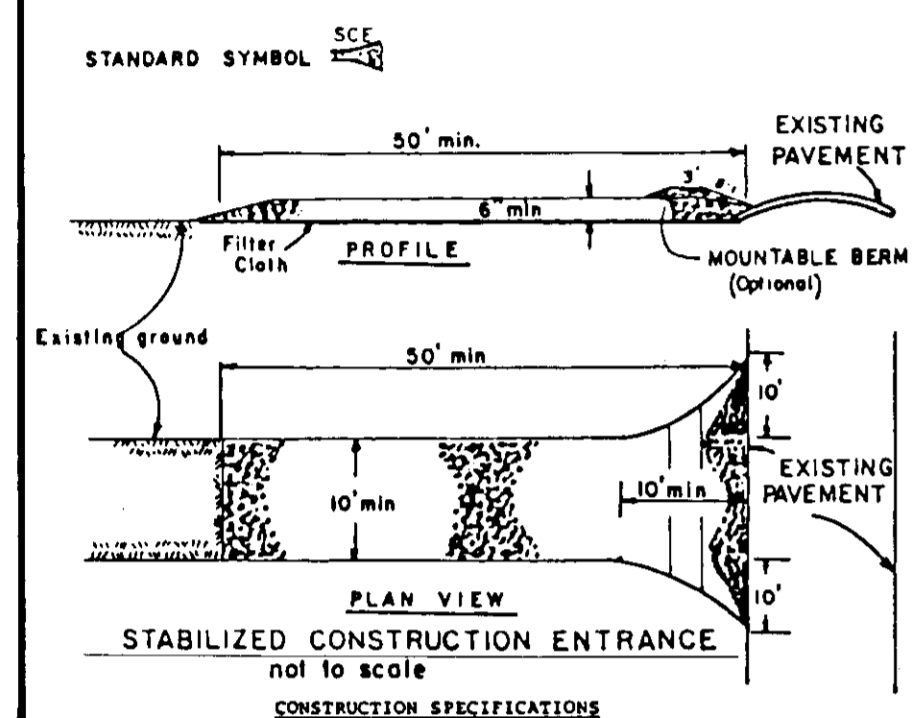
Charles J. Crovo Sr.
CHARLES J. CROVO SR.
MD. REG. NO. 13204



STRUCTURE SCHEDULE

NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	REMARKS
I-1	A-5	227.83	--	221.55	SD-4.01
I-2	A-5	230.83	--	225.69	SD-4.01
Ex	Double				
Inlet	'E'		218.79	218.29	*

* BUILD INVERT TO PROPOSED ELEV. INSTALL NEW 15" RCP BETWEEN EX. INLET AND EX. MANHOLE.



- CONSTRUCTION SPECIFICATIONS
1. Stone Bile - 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 foot minimum length would apply).
 3. Thickness - Not less than six (6) inches.
 4. Width - Ten (10) feet 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 mountable berm with 5:1 slope 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 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...

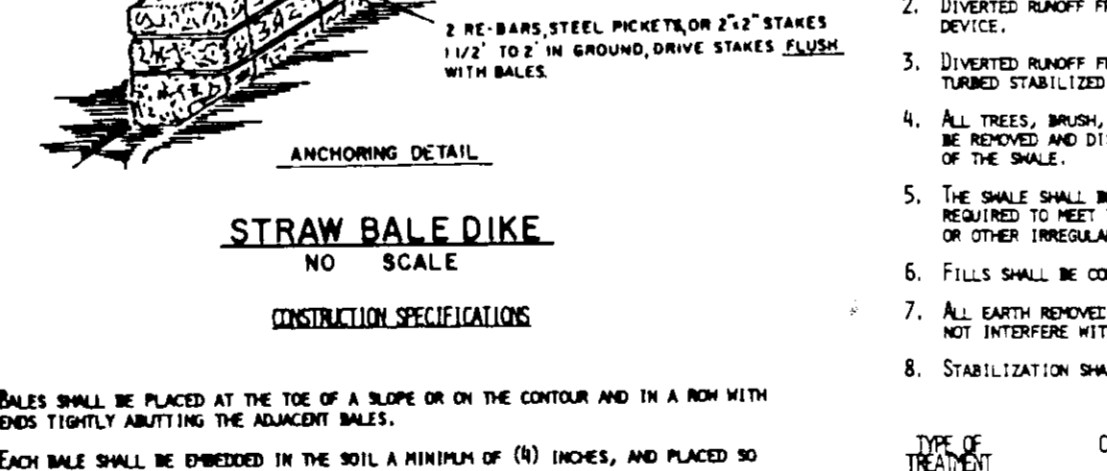
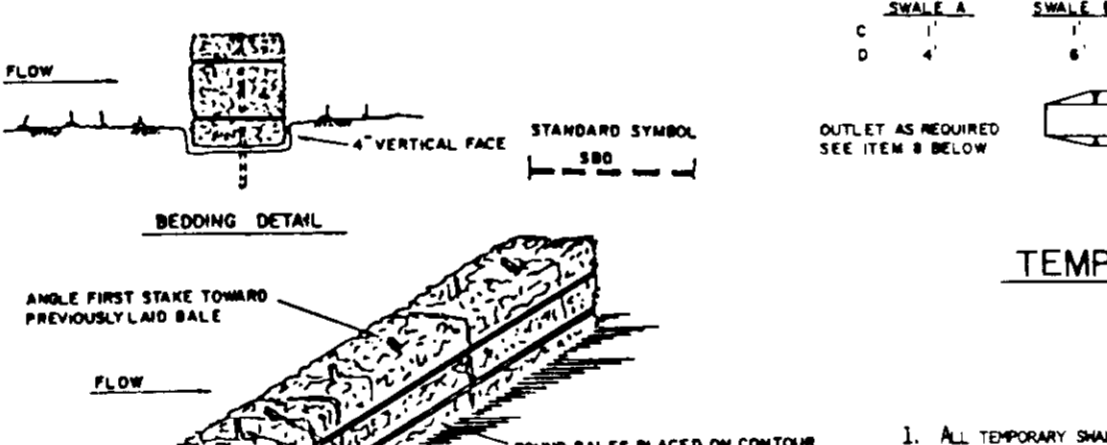
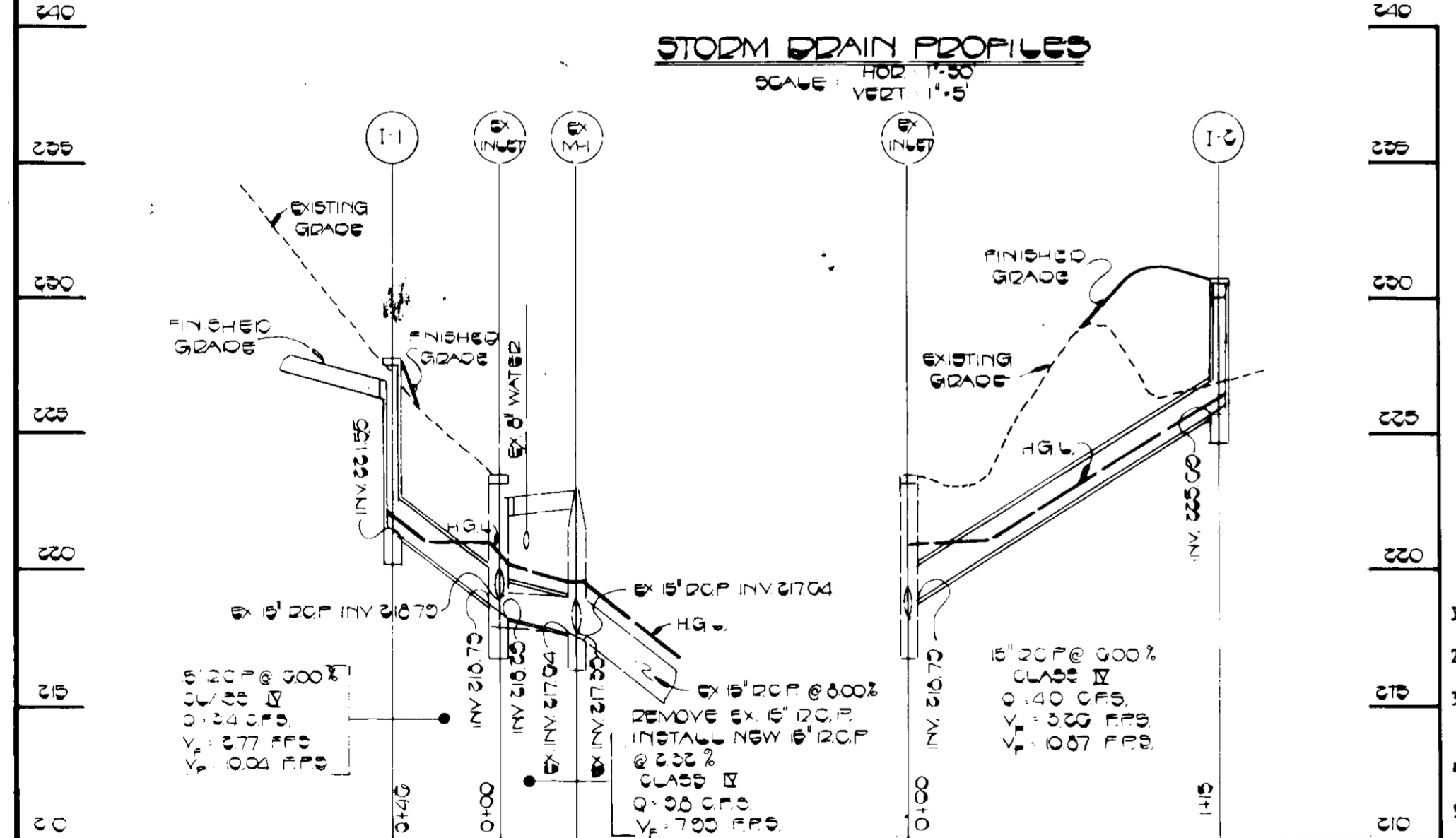
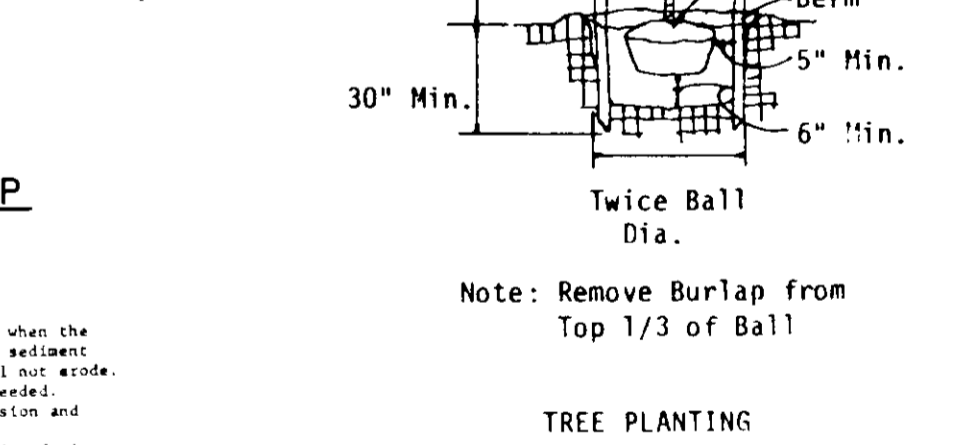
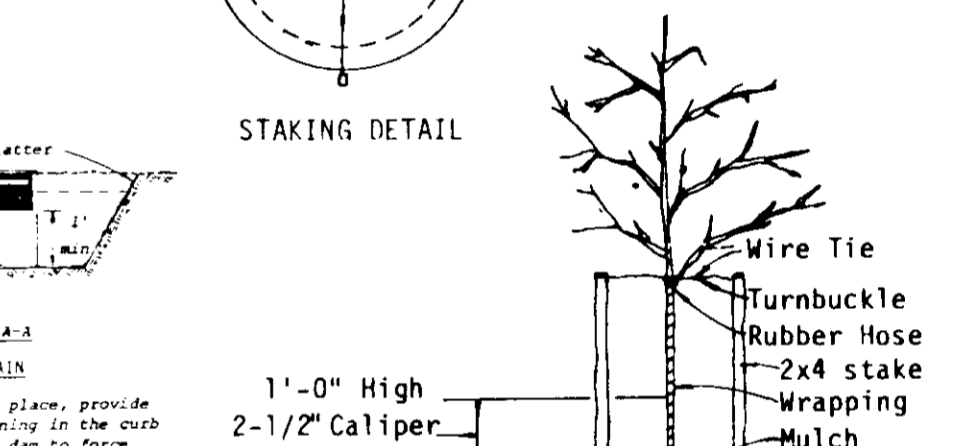
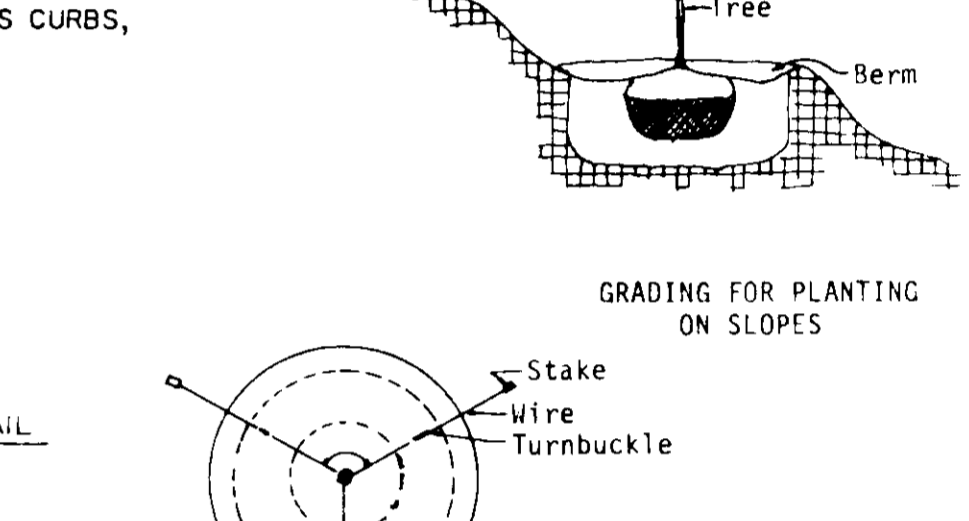
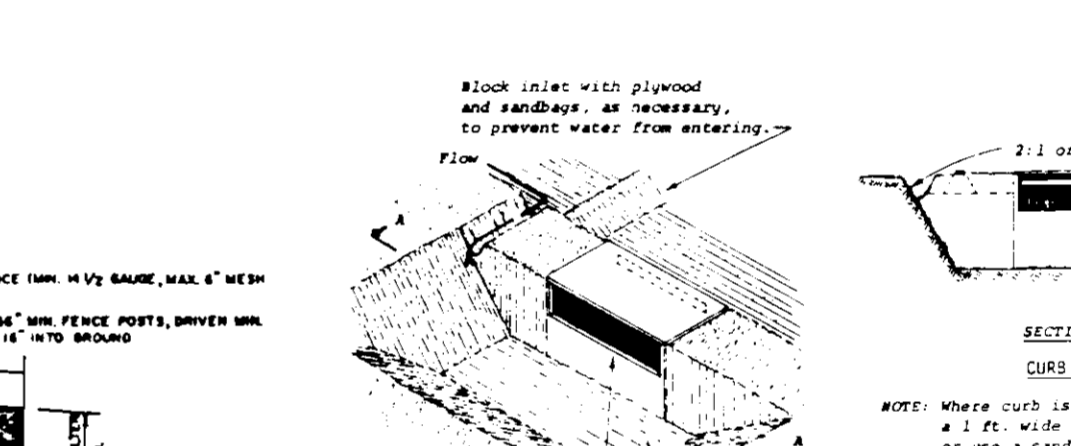
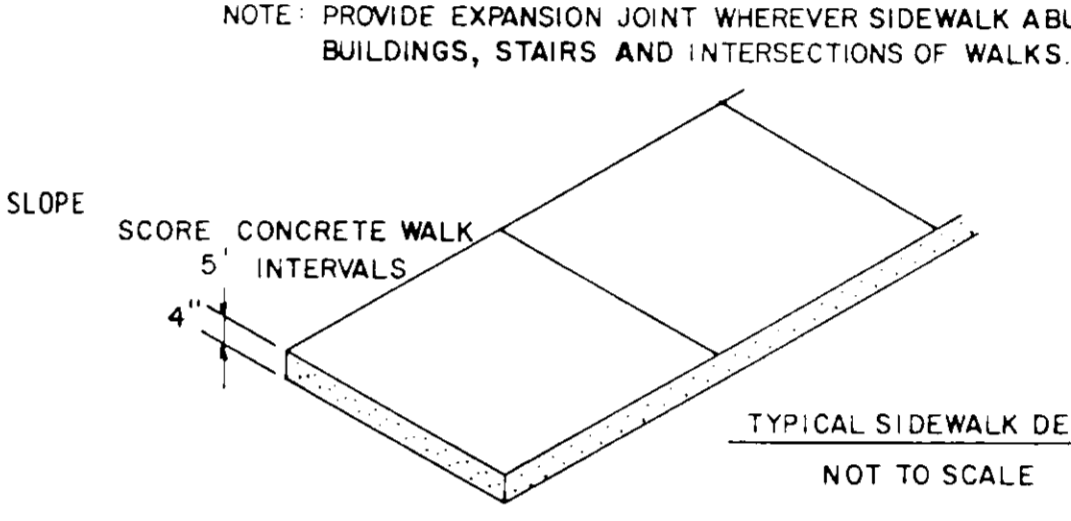
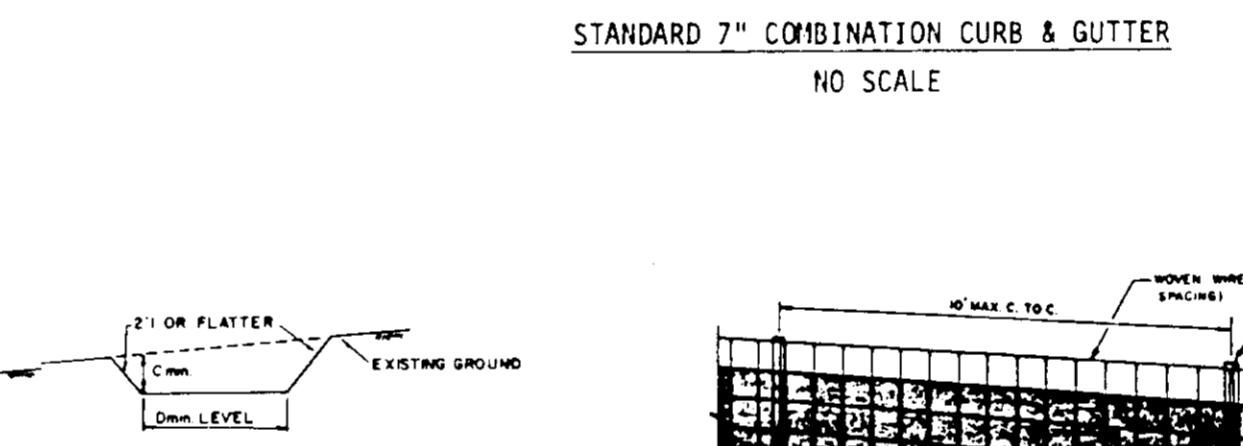
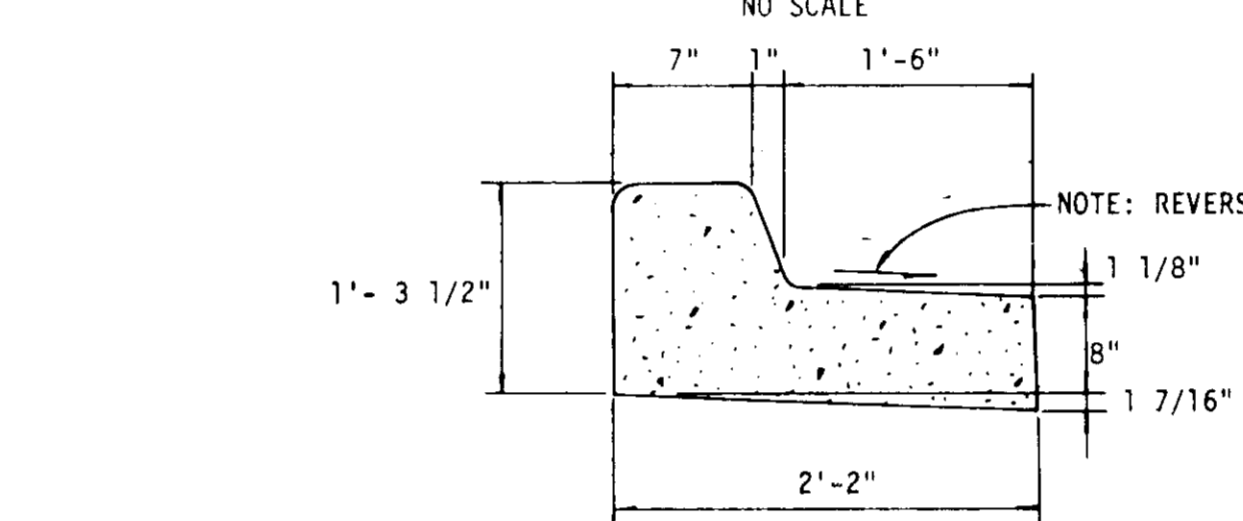
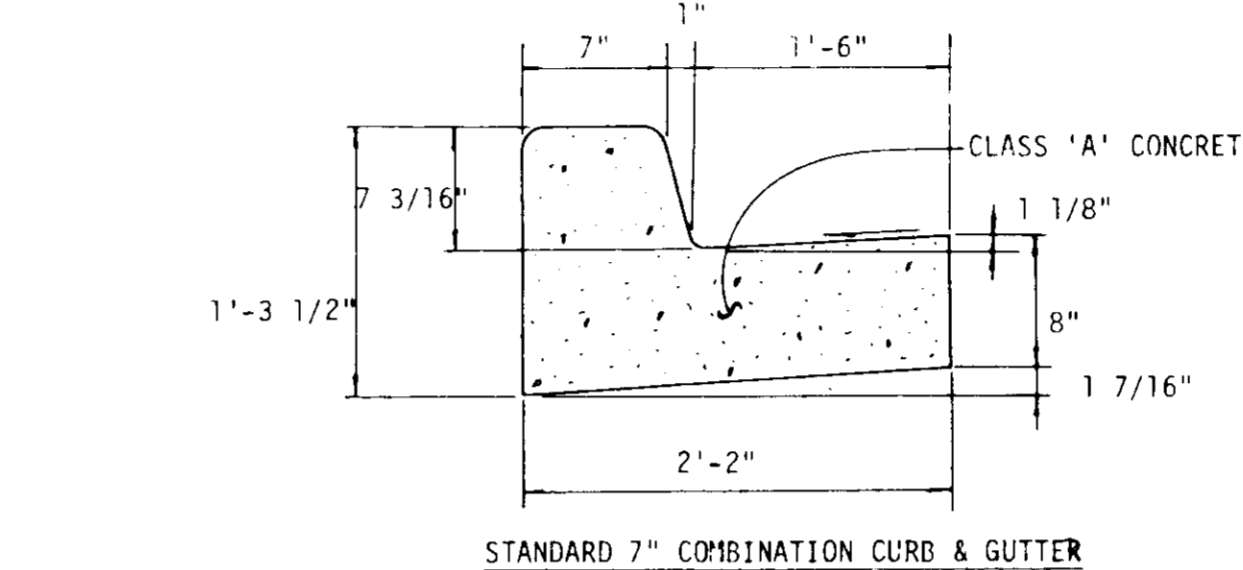
- EARTH DIKE CONSTRUCTION SPECIFICATIONS
1. All dikes shall be compacted by earth-moving equipment.
 2. All dikes shall have positive drainage to an outlet.
 3. Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
 4. Elevation location should 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 stabilized trap or sediment basin when either the dike channel or the drainage area above the dike are not adequately stabilized.
 6. Stabilization shall be as per the chart below.

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL SIZE	DIKE A	DIKE B
1	0.5-3.00	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.00	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSTOR 300' x 300'
3	5.1-8.00	SEED WITH JUTE, OR SEED	LINED RIP-RAP 4'-8"
4	8.1-200	LINED RIP-RAP 4'-8"	ENGINEERING DESIGN

A. Stone to be 2 inch stone, or recycled concrete equivalent, in a layer at least 3 inches in thickness and be pressed into the soil with construction equipment.
 B. Rip-rap to be 4" to 6" in diameter in a layer at least 3 inches thickness and pressed into the soil.
 C. The soil.
 D. Approved equivalents may be substituted for any of the above materials.
 E. Periodic inspection and required maintenance must be provided after each rain event.

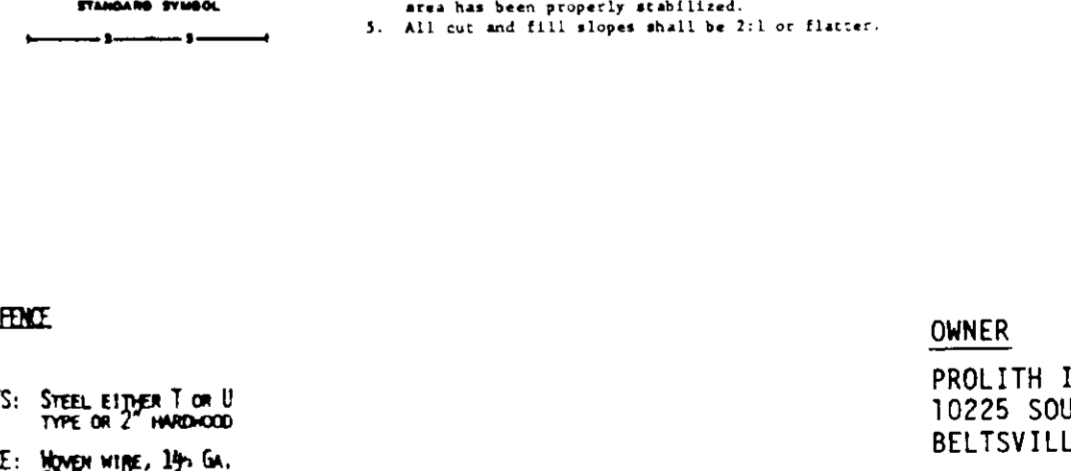
SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS	
		FULL DEPTH BIT. CONC. ALTERNATE	GRANULAR BASE ALTERNATES
P-1	PARKING AREAS AND TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE 2" BIT. CONC. BASE PRIME 5" CRUSHED RUN BASE COURSE OR 4" DENSE GRADED STABILIZED AGGREGATE BASE COURSE
P-3	RESIDENTIAL ZONES MILION AND MAJOR COLLECTORS COMMERCIAL-INDUSTRIAL ZONES LOCAL AND CUL-DE-SAC STREETS ALLEYS PARKING AREAS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE PRIME 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE PRIME 6" CRUSHED RUN BASE COURSE OR 4 1/2" DENSE GRADED STABILIZED AGGREGATE BASE COURSE



- CONSTRUCTION SPECIFICATIONS
1. Bales shall be placed at the toe of a slope or on the contour and in a row with dikes tightly abutting the adjacent bales.
 2. Each bale shall be embedded in the soil a minimum of (6) inches, and placed so the bindings are horizontal.
 3. Bales shall be securely anchored in place by either two stakes or tie-rods driven through the bales. The first 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.

- CONSTRUCTION SPECIFICATIONS
1. All temporary swales shall have uninterrupted positive grade to an outlet.
 2. Diverted runoff from a disturbed area shall be conveyed to a sediment trapping device.
 3. Diverted runoff from an undisturbed area shall outlet directly into an undisturbed stabilized area at non-erosive velocity.
 4. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
 5. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities.
 6. Fills shall be compacted by earth moving equipment.
 7. All earth removed and not needed on construction shall be placed so that it will not interfere with the functioning of the swale.
 8. Stabilization shall be as per the chart below.

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
1. Nylon wire fence to be fastened securely to fence posts with wire ties or staples.
 2. Filter cloth to be fastened securely to nylon wire fence with ties spaced every 24" at top and mid section.
 3. When two sections of filter cloth align each other they shall be overlapped by six inches and folded.
 4. Maintenance shall be performed as needed and material removed when bales develop in the silt fence.



- CONSTRUCTION SPECIFICATIONS
1. 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. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 2. The structure shall be inspected after each rain and repairs made as needed.
 3. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
 4. The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
 5. All cut and fill slopes shall be 3:1 or flatter.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVE.
 ELLICOTT CITY, MD. 21043
 (301) 461-2855

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: *Charles J. Rovio*
 DATE: 8/15/84

DEVELOPER'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 DEPARTMENT 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: *William G. Zantz*
 DATE: 8/15/84

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *William G. Zantz*
 DATE: 10-16-84

U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: _____
 DATE: _____

APPROVED: OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE: 10-24-84

Signature: *John W. ...*
 DATE: 10-24-84

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT.
 FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 HEALTH OFFICER
 DATE: 10-23-84

APPROVED: DEPARTMENT OF PUBLIC WORKS.
 FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

Signature: *William H. Knott*
 DATE: 10-18-84

Signature: *Charles J. Rovio*
 DATE: 10-18-84

NOTES AND DETAILS
PARCEL E
US #1 JOINT VENTURE
PROLITH INTERNATIONAL, INC.
 TAX MAP 47 P/O PARCEL 910
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

SCALE: AS SHOWN AUGUST 27, 1984
 REVISION: OCTOBER 9, 1984
 SHEET 2 OF 3

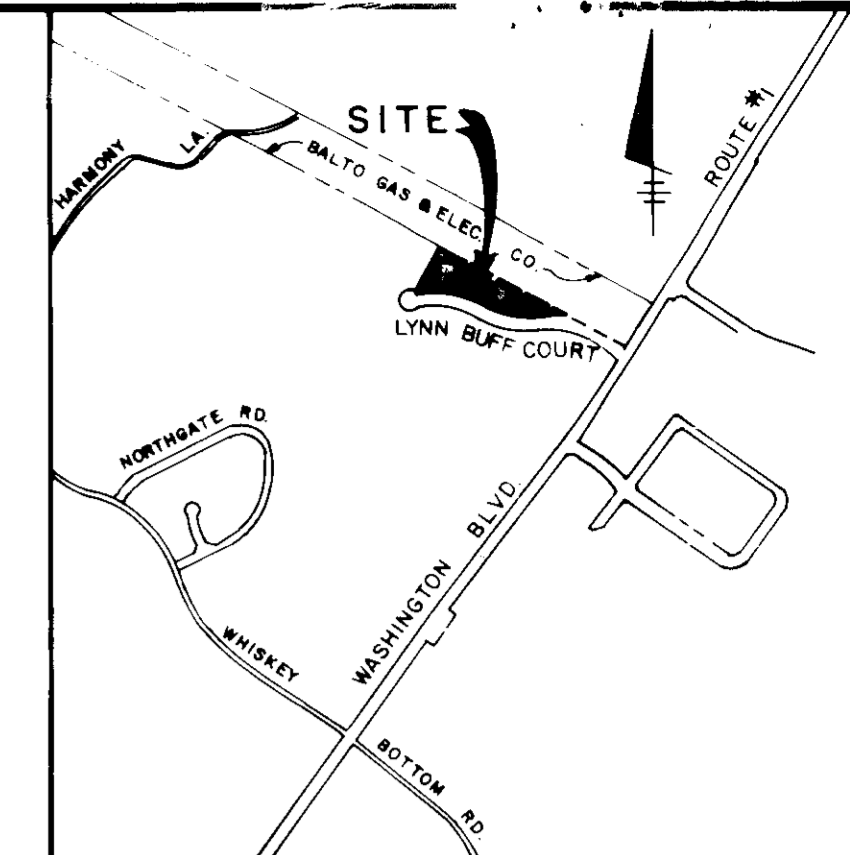
OWNER
 PROLITH INTERNATIONAL, Inc.
 10225 SOUTHDARD DRIVE
 BELTSVILLE, MARYLAND 20705

DEVELOPER
 WILLIAM H. KNOTT, Inc.
 1505 YORK ROAD
 LUTHERVILLE, MARYLAND 21093
 (301) 583-1800

9-28-84
W.H. Knott

SEDIMENT CONTROL NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE U.S.D.A. SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."
2. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (200-2487).
3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS (200-2487).
5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
 1. SITE PREPARATION:
 - A. HARROW OR DISC IN AREAS PROPOSED TO BE SEED THE FOLLOWING MATERIALS
 - 1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.
 - 2) COMMERCIAL FERTILIZED 10-10-10 AT 3/4 TONS/ACRE.
 - 3) SUPER PHOSPHATE AT 600 LBS./ACRE.
 2. SEEDING:
 - A. SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER.
 - 1) TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
 - 2) PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.
 - B. THE SEEDED AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
 3. MULCHING:
 - A. SEEDED AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 - 2 TONS/ACRE.
 - B. TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.
 6. FOLLOWING INITIAL SOIL DISTURBANCE OR RESTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 1. SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
 2. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.



VICINITY MAP

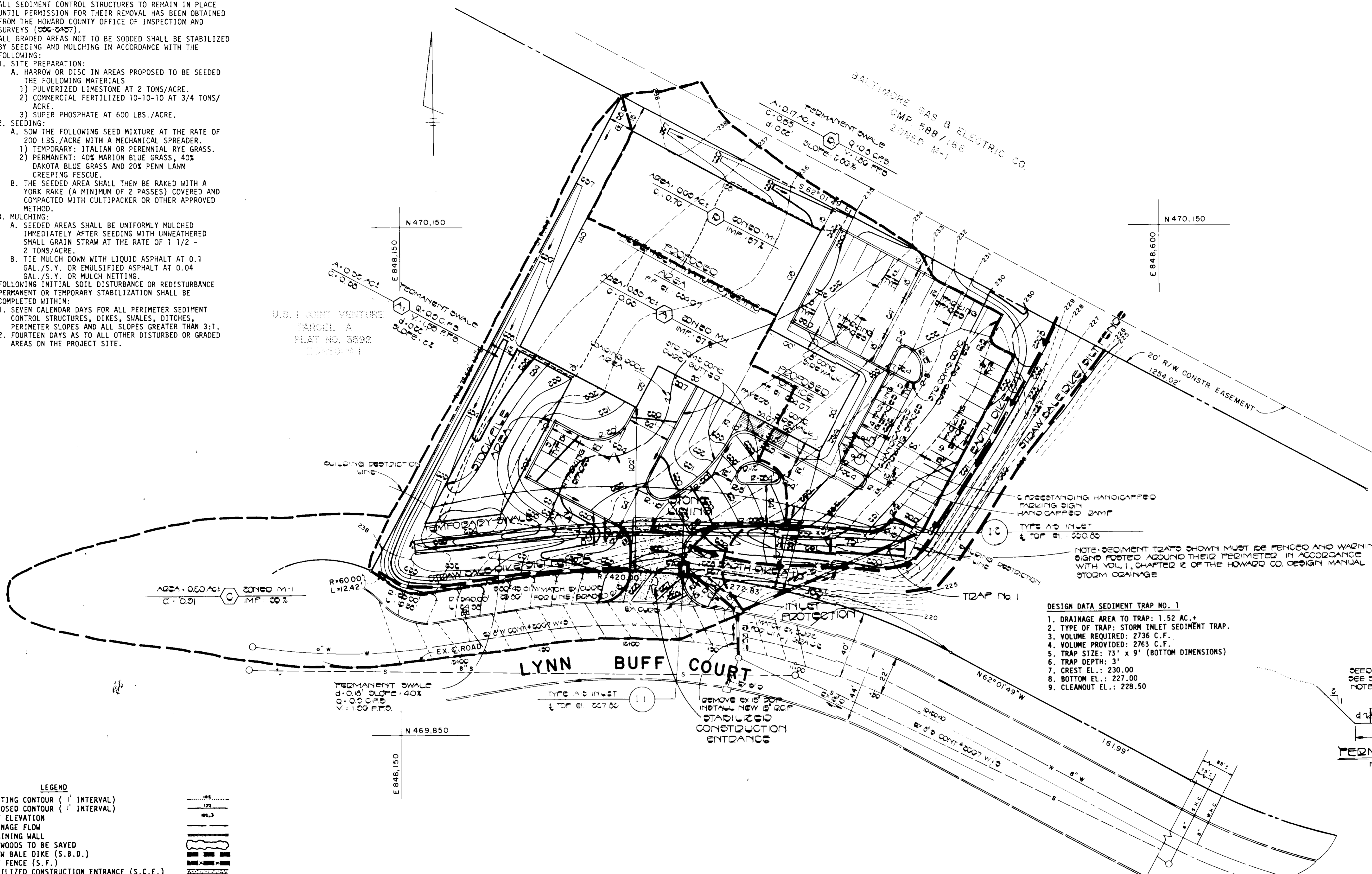
SCALE: 1" = 1200'

CONSTRUCTION SEQUENCE:

1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
3. INSTALL STRAW BALE DIKE/SILT FENCE AT TOE OF SLOPE AND ALONG SOUTH PROPERTY LINE (LYNN BUFF COURT).
4. CONSTRUCT STORM DRAIN SYSTEM. PROVIDE INLET PROTECTION AT I-1.
5. CONVERT I-2 TO SEDIMENT TRAP. EXCAVATE SEDIMENT TRAP TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. USE EXCAVATED MATERIAL TO CONSTRUCT EARTH DIKE (A-1 SPECIFICATIONS). CONSTRUCT TEMPORARY SWALE (A-2 SPECIFICATIONS) TO SEDIMENT TRAP. PROVIDE STONE LINING WHERE TEMPORARY SWALE CROSSES STABILIZED CONSTRUCTION ENTRANCE. STABILIZE TRAP. DIKE AND TEMPORARY SWALE WITH SEED AND STRAW MULCH.
6. FOLLOWING INITIAL SOIL DISTURBANCE OR RESTURBANCE, 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 1 VERTICAL (3:1) AND (b) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
7. CLEAR AND GRUB SITE AND GRADE TO SUBGRADE. STOCKPILE EXCESS MATERIAL IN AREA DESIGNATED.
8. CONSTRUCT ON-SITE UTILITIES. INSPECT SEDIMENT CONTROL MEASURES AND REPAIR IF NECESSARY.
9. BEGIN BUILDING CONSTRUCTION. CONSTRUCT CURB AND GUTTER AND INSTALL BASE COURSE.
10. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
11. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
12. THE SEDIMENT TRAP SHALL BE DEMATERED BY PUMPING. THE SEDIMENT FROM THE TRAP SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAP IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAP.
13. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
14. REMOVE STONE CONSTRUCTION ENTRANCE.
15. CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE.
16. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH. FLUSH STORM DRAIN SYSTEM.
17. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAP AND STABILIZE REMAINING DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

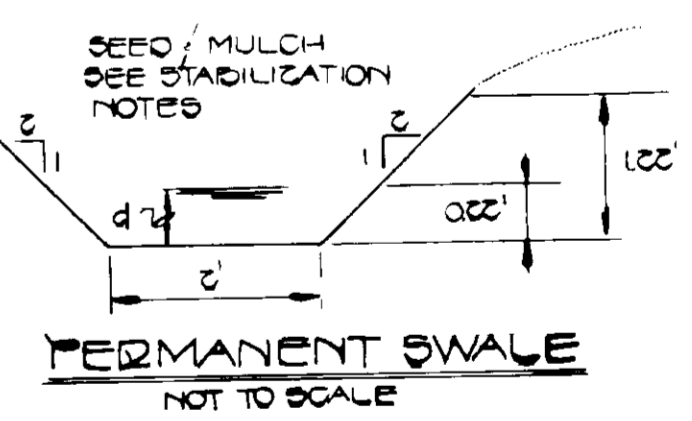
SITE ANALYSIS:

1. TOTAL AREA OF PARCEL: 3.799 AC.±
2. TOTAL AREA TO BE DISTURBED: 1.52 AC.±
3. TOTAL IMPERVIOUS AREA: 1.00 AC.±
4. TOTAL AREA TO BE REVEGETATED: 0.52 AC.±



DESIGN DATA SEDIMENT TRAP NO. 1

1. DRAINAGE AREA TO TRAP: 1.52 AC.±
2. TYPE OF TRAP: STORM INLET SEDIMENT TRAP.
3. VOLUME REQUIRED: 2736 C.F.
4. VOLUME PROVIDED: 2763 C.F.
5. TRAP SIZE: 7'1" x 9' (BOTTOM DIMENSIONS)
6. TRAP DEPTH: 3'
7. CREST EL.: 230.00
8. BOTTOM EL.: 227.00
9. CLEANOUT EL.: 228.50



OWNER
PROLITH INTERNATIONAL, Inc.
10225 SOUTHARD DRIVE
BELTSVILLE, MARYLAND 20705

DEVELOPER
WILLIAM H. KNOTT, Inc.
1505 YORK ROAD
LUTHERVILLE, MARYLAND 21093
(301) 583-1800

ADDRESS CHART	
PARCEL NO.	ADDRESS
E	9550 LYNN BUFF COURT

9-28-84
JEM

LEGEND

EXISTING CONTOUR (1' INTERVAL)	---
PROPOSED CONTOUR (1' INTERVAL)	----
SPOT ELEVATION	123.5
DRAINAGE FLOW	→
RETAINING WALL	=====
EX. WOODS TO BE SAVED	
STRAW BALE DIKE (S.B.D.)	=====
SILT FENCE (S.F.)	=====
STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)	=====
PERIMETER DIKE (P.D.)	=====

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVE.
ELLICOTT CITY, MD. 21043
(301) 461-2855

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.

Charles J. Carter
SIGNATURE OF ENGINEER
8/27/84
DATE

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 DEPARTMENT 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."

William H. Knott
SIGNATURE OF DEVELOPER
8/15/84
DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. Little
U.S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
DISTRICT HOWARD SOIL CONSERVATION DISTRICT
DATE 10-23-84

APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR
John W. Murreman
DATE 10-24-84
CRTEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT, FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
James J. ...
DATE 10-23-84

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR, PUBLIC WORKS
...
DATE 10-28-84
CHIEF, BUREAU OF ENGINEERING

SUBDIVISION NAME	SECTION/AREA	PARCEL NO.
U.S. I. JOINT VENTURE	E	
PLAT NO./F. BLOCK NO.	TAX /ZONE	ELEC DIST
3592 23	M-1 47	6 TH
WATER CODE	SEWER CODE	CENSUS TR
C-04	7220000	6063

SEDIMENT CONTROL-DRAINAGE AREA MAP
PARCEL E
U.S. I. JOINT VENTURE
PROLITH INTERNATIONAL, INC
TAX MAP 47 P/O PARCEL 910
6TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND
REVISION OCTOBER 2, 1984
SCALE: 1" = 30' AUGUST 27, 1984
SHEET 3 OF 3

Charles J. Carter
CHARLES J. CARO SR
MD REG NO. 13204