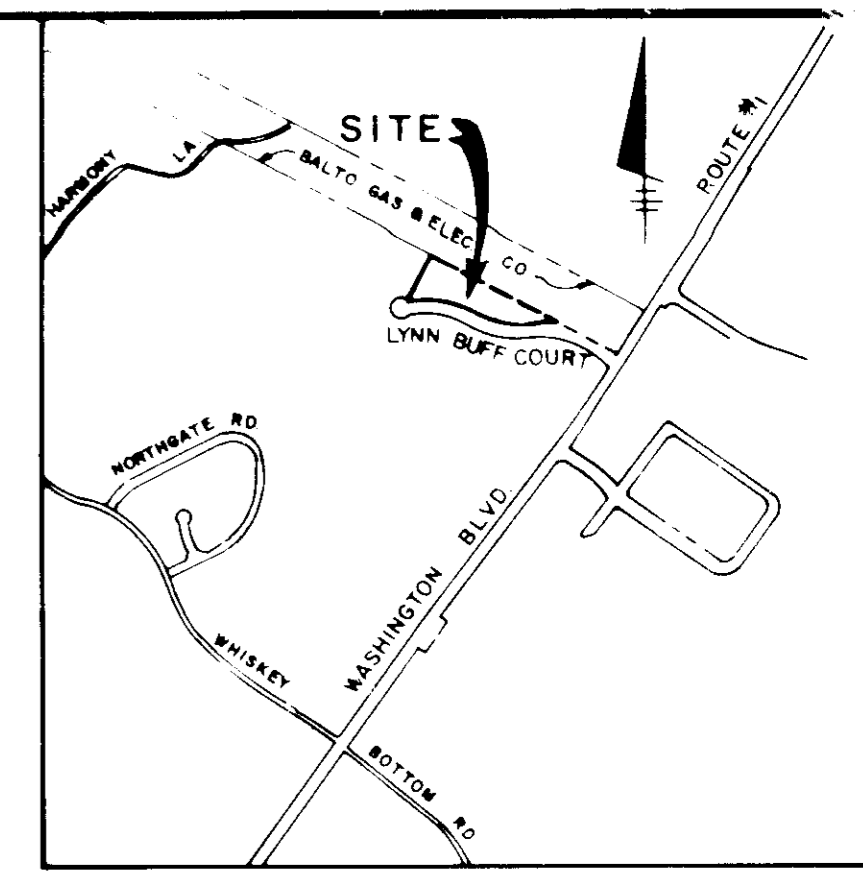
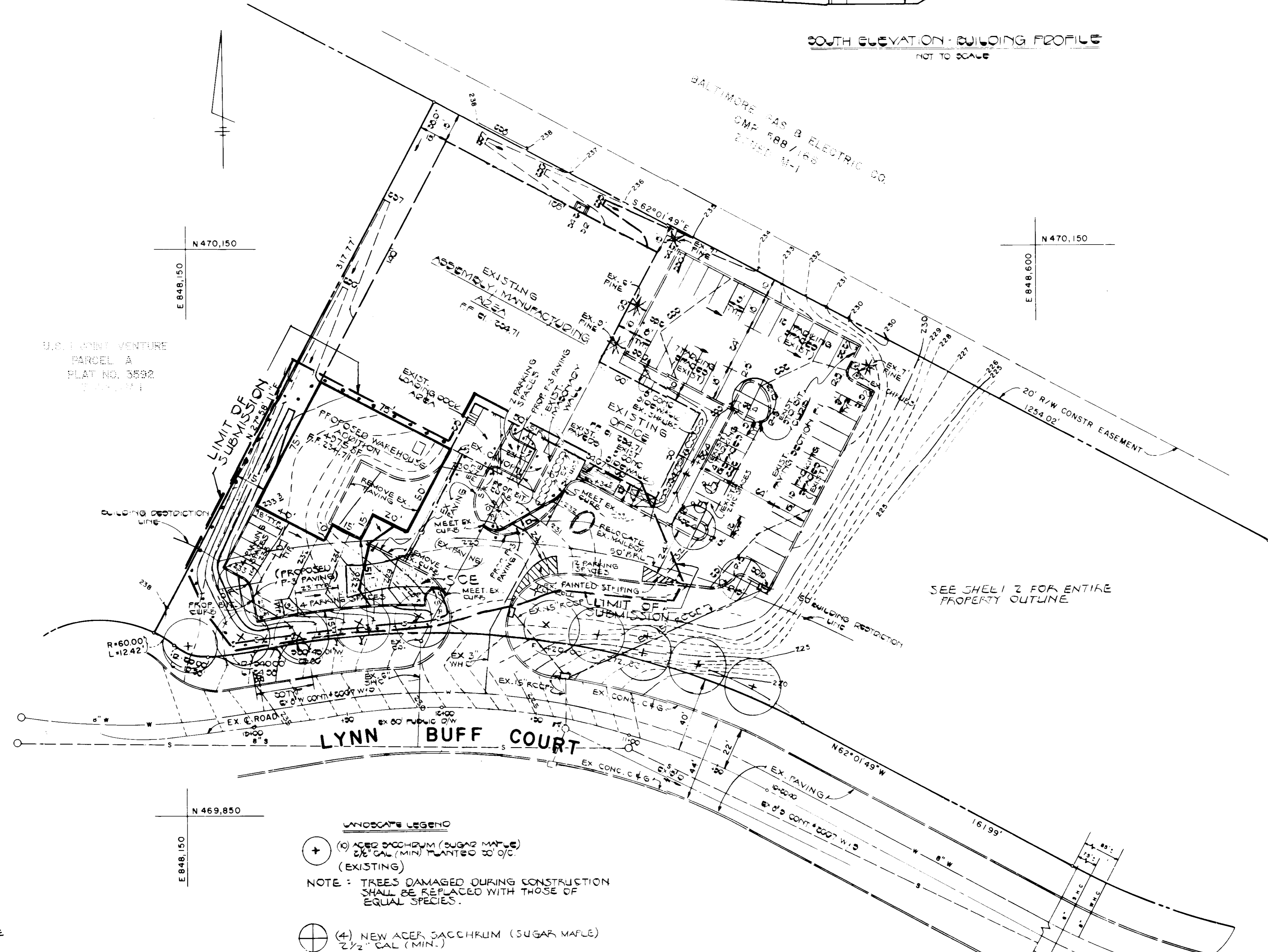


SOUTH ELEVATION - BUILDING PROFILE
NOT TO SCALE



VICINITY MAP
SCALE: 1" = 1200'



- GENERAL NOTES:
- TOTAL AREA OF PROPERTY: 3.799 AC.
 - LIMIT OF SUBMISSION: 0.57 AC.
 - ZONING: M-1
 - BUILDING AREA
 - A. EXISTING: 20,000 S.F.
 - B. PROPOSED: 4,975 S.F.
 - C. TOTAL: 24,975 S.F.
 - D. COVERAGE: 15.0%
 - PARKING DATA
 - A. OFFICE: 7 SPACES/10 EMPLOYEES = 7/10 X 8 = 6 SPACES
 - B. WAREHOUSE: 1 SPACE/500 S.F. = 21,975/500 = 44 SPACES
 - C. TOTAL REQUIRED = 50 SPACES
 - D. TOTAL PROVIDED = 50 SPACES
 - OPEN SPACE
 - A. REQUIRED: 3.799 AC. X 20% = 0.76 AC.
 - B. PROVIDED: 2.55 AC. = 67%
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION 24 HOURS PRIOR TO BEGINNING WORK AT 995-2437
 - ALL CONSTRUCTION SHALL BE ACCOMPLISHED 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.
 - SEE ARCHITECTURAL DRAWINGS TO VERIFY BUILDING DIMENSIONS.
 - STORM WATER MANAGEMENT PROVIDED UNDER E-75-67.
 - TOTAL AREA OF PARKING LOTS = 12,640 SF
AREA OF LANDSCAPED ISLANDS REQ. (12,640 X 5%): 632 SF
AREA OF LANDSCAPED ISLANDS PROVIDED = 877 SF @ 6.5%

NOTE:
SITE IS LOCATED ON HOWARD CO. SOILS MAP 34. DISTURBED AREAS ARE WITHIN SOIL CLASSIFICATION SFCZ (SASCAPAS) WHICH DOES NOT HAVE A HIGH POTENTIAL FOR SOIL EROSION, IS NOT A HYDOLIC SOIL AND IS NOT A SOIL WITH HYDOLIC INCLUSIONS.

ADDRESS CHART	
PARCEL NO.	ADDRESS
E	9550 LYNN BUFF COURT

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

4-31-89
LKS

LEGEND
EXISTING CONTOUR (1' INTERVAL)
PROPOSED CONTOUR (1' INTERVAL)
SPOT ELEVATION
DRAINAGE FLOW
SILT FENCE
STABILIZED CONSTRUCTION ENTRANCE
LIMIT OF DISTURBANCE

LANDSCAPE LEGEND
 (O) ACER SACCHARUM (SUGAR MAPLE)
 2 1/2" CAL. (MIN.) PLANTED 30' O/C.
 (EXISTING)
 NOTE: TREES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH THOSE OF EQUAL SPECIES.
 (+) NEW ACER SACCHARUM (SUGAR MAPLE)
 2 1/2" CAL. (MIN.)

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVE.
ELLCOTT 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: [Signature]
 DATE: 5/5/89

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."

 Signature: [Signature]
 DATE: 5/16/89

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

 Signature: [Signature]
 DATE: 5/14/89
 APPROVED: HOWARD COUNTY SOIL CONSERVATION DISTRICT
 Signature: [Signature]
 DATE: 5/15/89

APPROVED OFFICE OF PLANNING & ZONING
 Signature: [Signature]
 DATE: 7/2/89
 Signature: [Signature]
 DATE: 6/22/89
 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

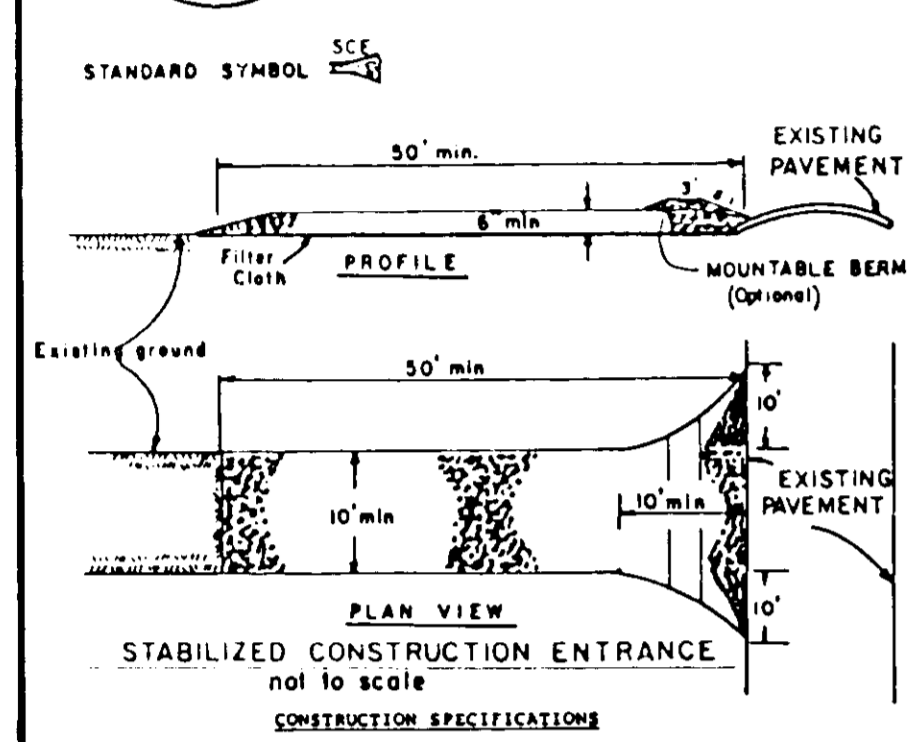
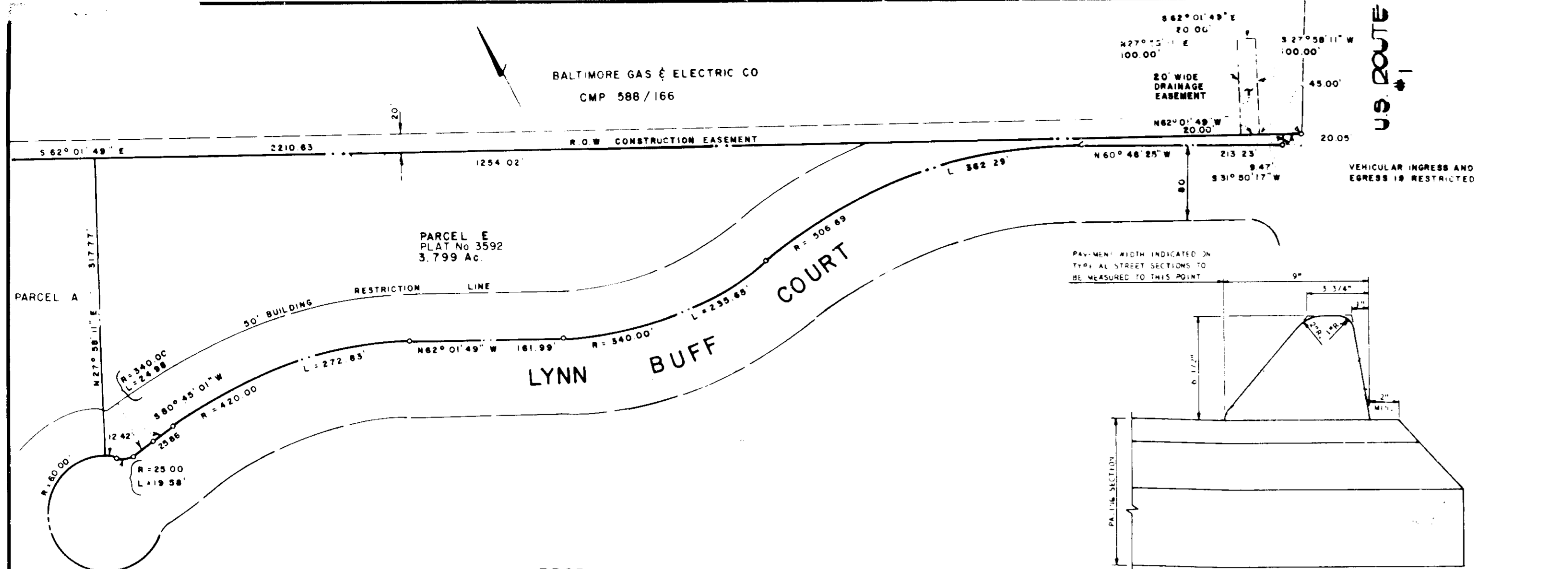
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 Signature: [Signature]
 DATE: 6/23/89
 COUNTY HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 Signature: [Signature]
 DATE: 6/16/89
 Signature: [Signature]
 DATE: 6/16/89
 CHIEF, BUREAU OF ENGINEERING

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

Signature: [Signature]
 CHARLES V. CROVO SR.
 MD REG NO. 15204

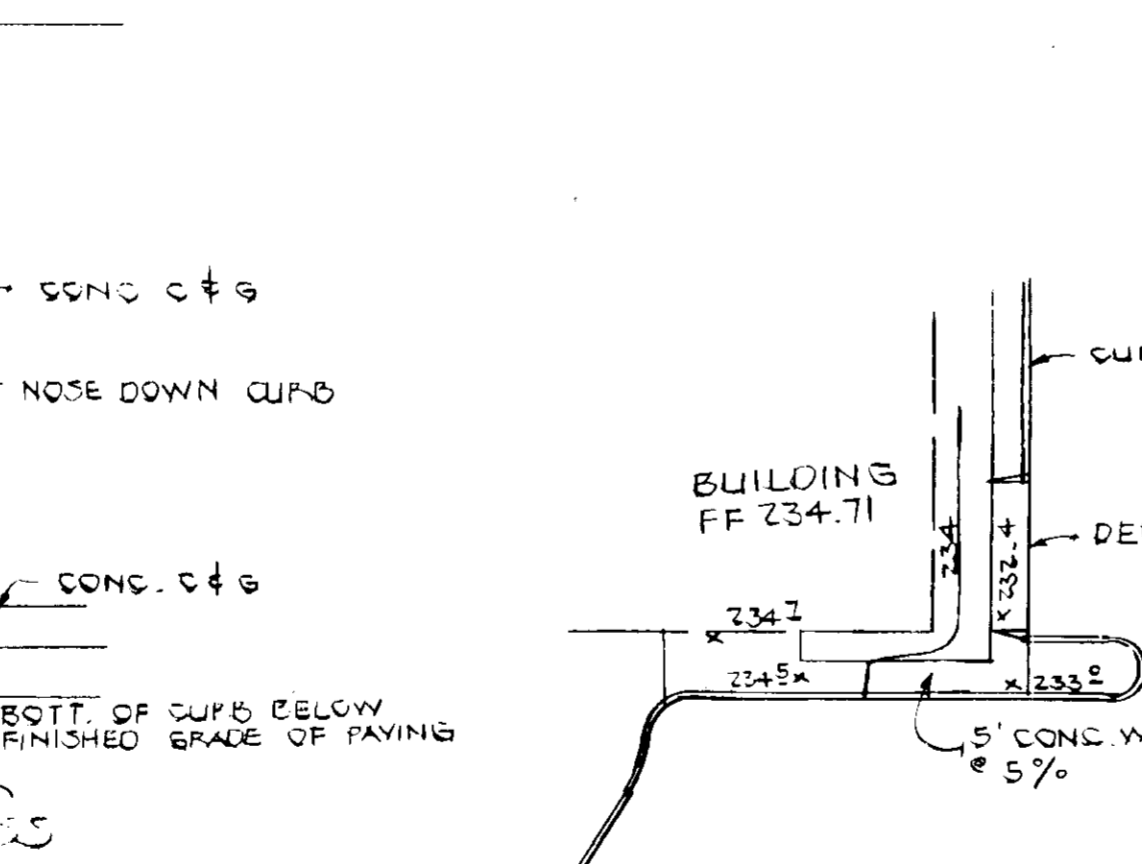
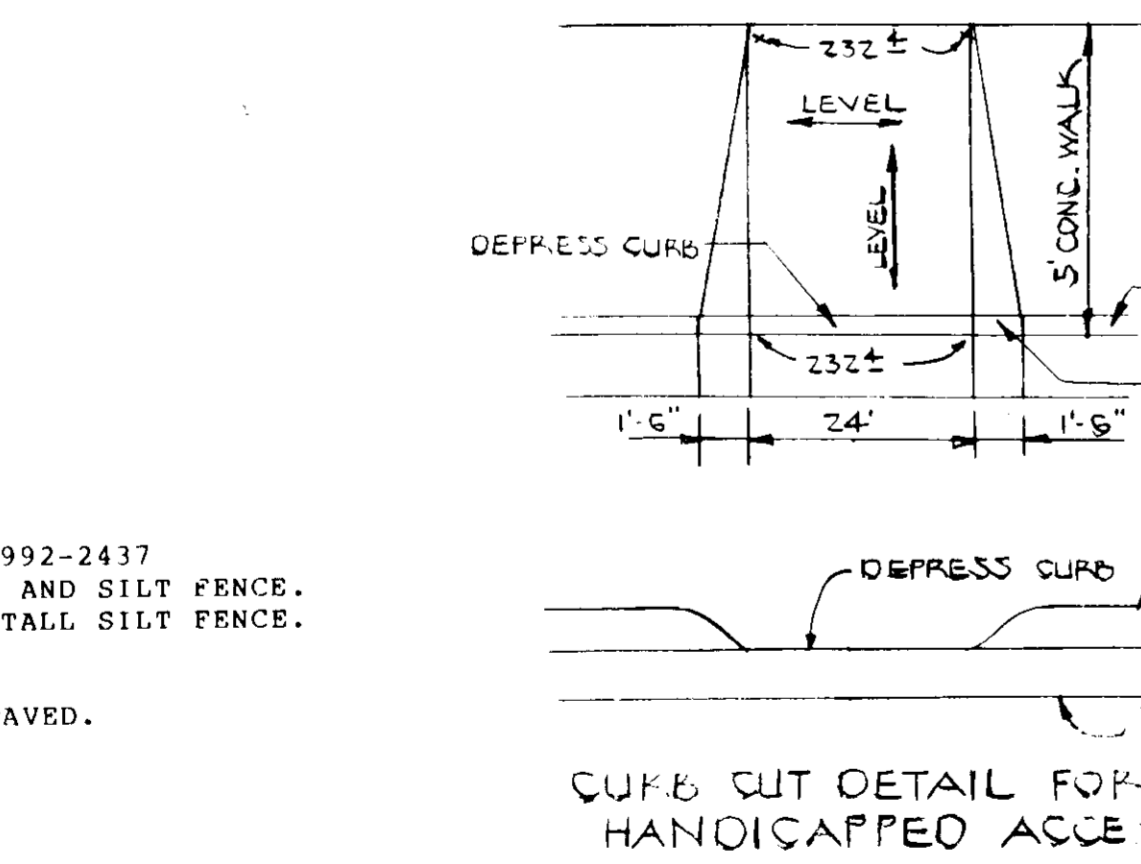
SITE DEVELOPMENT PLAN
 WAREHOUSE ADDITION
 PARCEL E
 US #1 JOINT VENTURE
 PROLITH INTERNATIONAL, INC.
 REVISION TO S.O.P. 85-37
 TAX MAP 47 P/O PARCEL 910
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 SCALE: 1" = 30' MAP CH 23,1000
 SHEET 1 OF 2



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

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" CRUSHER RUN BASE COURSE OR 4" DENSE GRADED STABILIZED AGGREGATE BASE COURSE
P-3	RESIDENTIAL ZONES MINOR 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 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 4 1/2" BIT. CONC. BASE PRIME 6" CRUSHER RUN BASE COURSE OR 4 1/2" DENSE GRADED STABILIZED AGGREGATE BASE COURSE

- SEQUENCE OF CONSTRUCTION**
1. OBTAIN GRADING PERMIT
 2. NOTIFY DEPT. OF PERMITS AND LICENCES AT 992-2437
 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE. NOTCH EXISTING PAVING AS REQUIRED TO INSTALL SILT FENCE.
 4. ROUGH GRADE SITE.
 5. BEGIN BUILDING CONSTRUCTION.
 6. PLACE SUB-BASE MATERIAL IN AREAS TO BE PAVED.
 7. COMPLETE BUILDING CONSTRUCTION.
 8. PAVE PARKING AREAS.
 9. STABILIZE REMAINDER OF SITE.



SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector
- 7) Site Analysis:
 Total Area of Site 3.700 Acres
 Area Disturbed 0.23 Acres
 Area to be roofed or paved 0.16 Acres
 Area to be vegetatively stabilized 0.07 Acres
 Total Cut 500 Cu. yds
 Total Fill 500 Cu. yds
 Offsite waste/borrow area location N/A
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeding Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendment: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (5 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 80 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of seeding lowgrass. During the period of October 1 thru February 28, contact site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 200 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

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

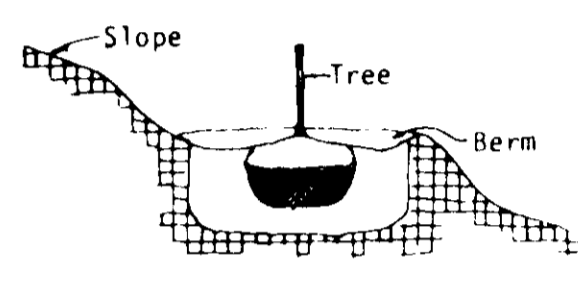
Seeding Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendment: Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

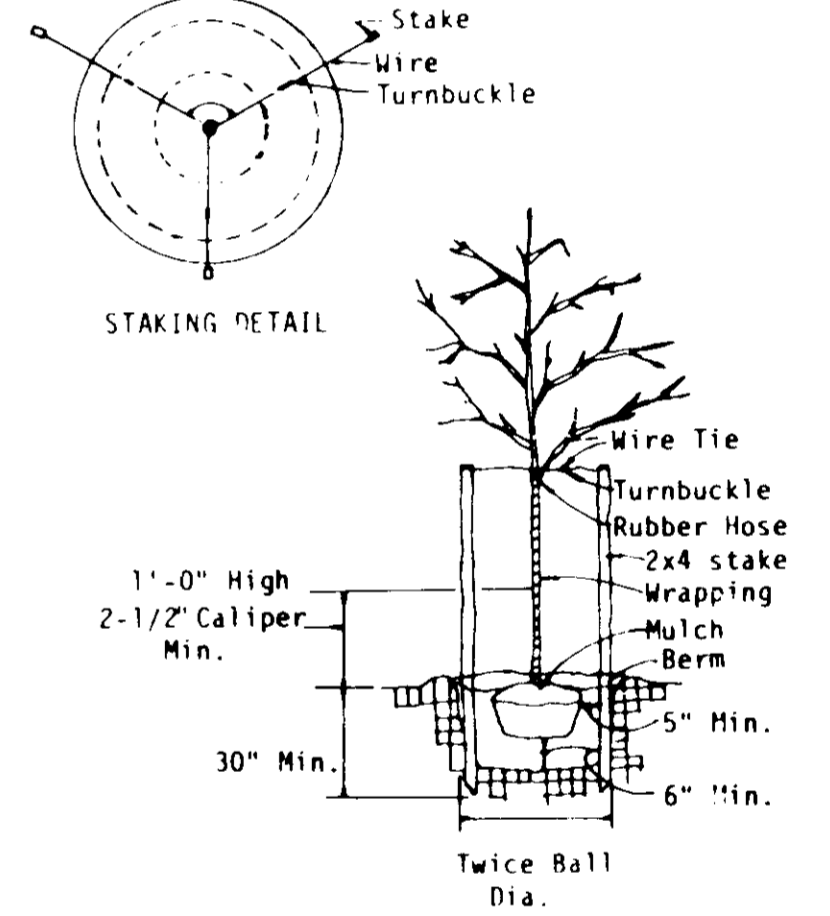
Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 lbs/acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of seeding lowgrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, contact site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 200 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

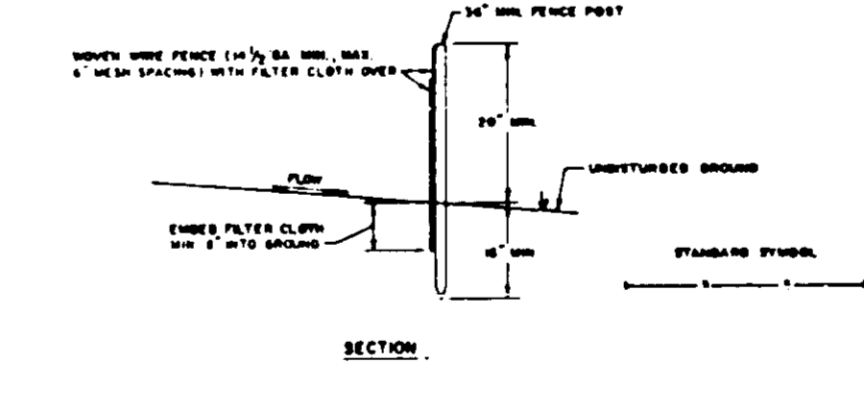
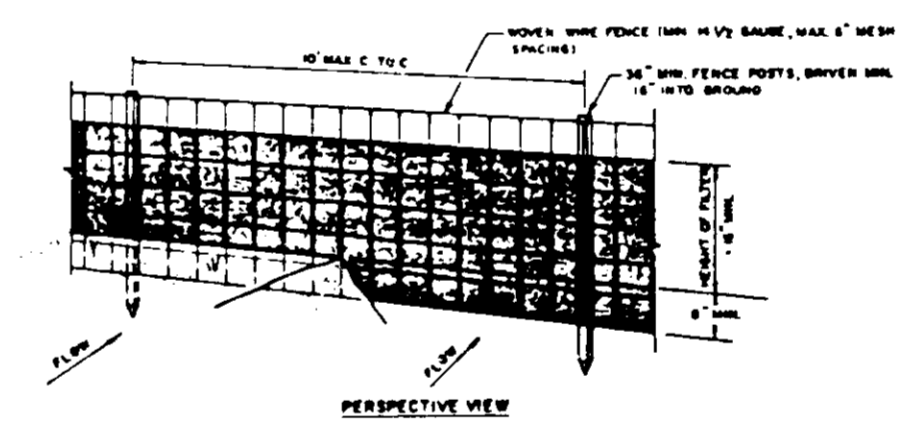


GRADING FOR PLANTING ON SLOPES



Note: Remove Burlap from Top 1/3 of Ball

TREE PLANTING NO SCALE



SILT FENCE NO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOODEN WIRE FENCE TO BE FASTENED REGULARLY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED REGULARLY TO WOODEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLLED.
 4. MAINTENANCE SHALL BE PERFORMED AS NOTED AND MATERIAL REMOVED AND REPAIRED AS NEEDED IN THE SILT FENCE.
- POSTS: STEEL EIGHT (8) OR 11 TYPE OR 1" WIDENESS
- FENCE: WOODEN WIRE, 1/2" GA. 6" MAX. PERM. OPENING
- FILTER CLOTH: FILTER X, 100% POLYPROPYLENE, 100% STAINING, 100% UV PROTECTED
- PREFABRICATED UNIT: GRASS, SAND, OR APPROVED EQUIV.

OWNER
 PROLITH INTERNATIONAL, INC.
 10225 SOUTHWARD DRIVE
 BELTSVILLE, MARYLAND 20705

4-21-89
 LKS

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 P. Fisher
 SIGNATURE OF ENGINEER
 5/5/89
 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."

ODELM
 SIGNATURE OF DEVELOPER
 5/5/89
 DATE

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

Stephen L. Smith
 5/15/89
 DATE
 DISTRICT SOIL CONSERVATION DISTRICT

APPROVED OFFICE OF PLANNING AND ZONING
W. J. ...
 PLANNING DIRECTOR
 2.7.87
 DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT.
 FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
James M. ...
 6/23/89
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS.
 FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
James P. ...
 DIRECTOR, PUBLIC WORKS
 6-14-89
 DATE

SITE DEVELOPMENT PLAN
 WAREHOUSE ADDITION
 PARCEL E
 U.S.#1 JOINT VENTURE
 PROLITH INTERNATIONAL, INC.
 REVISION TO S.O.P. 88-37
 TAX MAP 47 P/O PARCEL 910
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 SCALE: AS SHOWN MAP CH 23,1050
 SHEET 2 OF 2