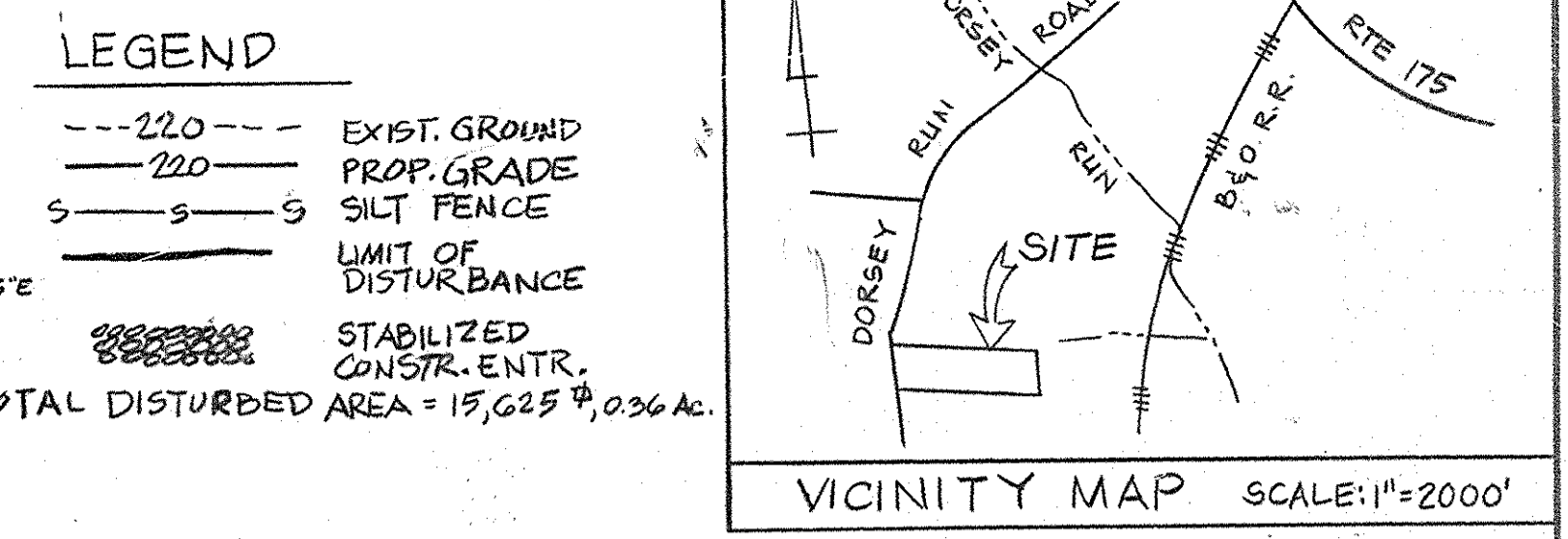
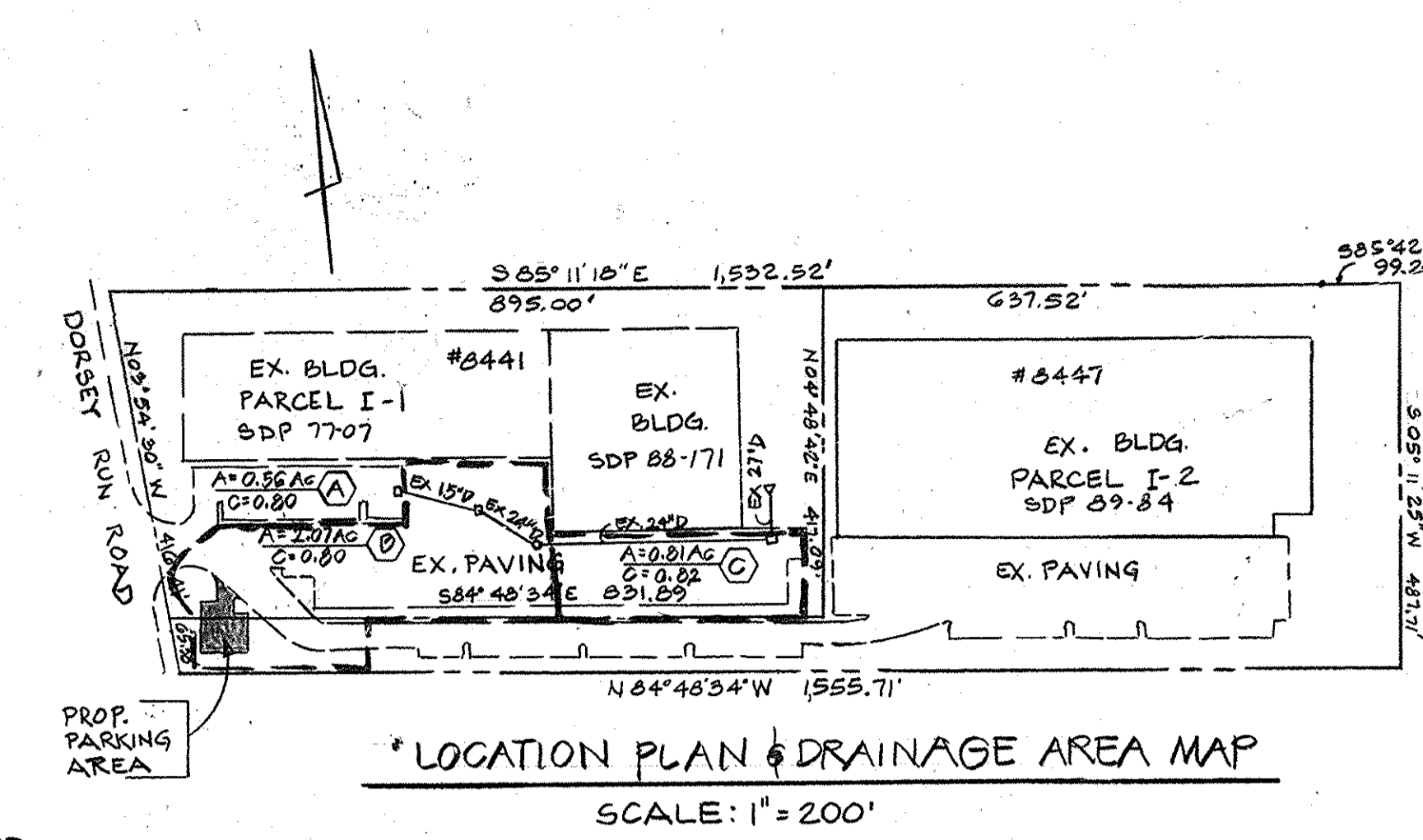
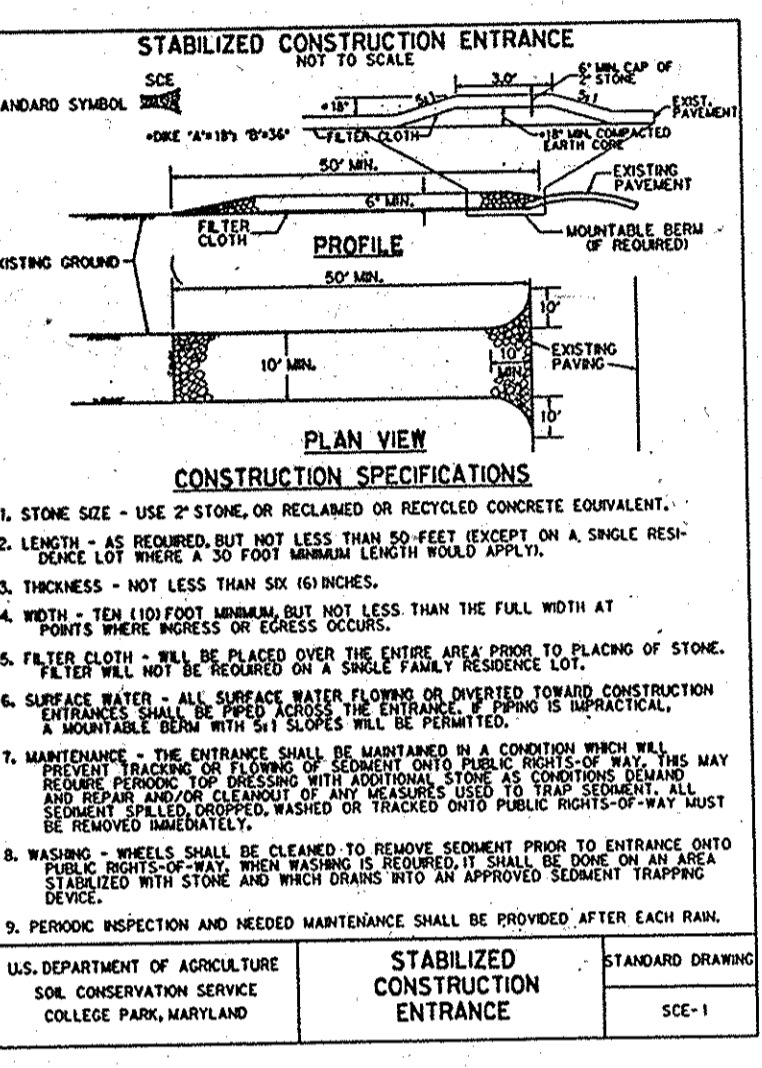


- ### SEDIMENT CONTROL NOTES
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (992-2437)
 - 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - 3) Following initial soil disturbance or redisturbance, 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. 31) and (Sec. 34), temporary seeding (Sec. 30) and mulching (Sec. 32). 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: 17.62 Acres
 - Area Disturbed: 17.62 Acres
 - Area to be roofed or paved: 2.12 Acres
 - Area to be vegetatively stabilized: 0.26 Acres
 - Total Cut: 1400 Cu. Yds
 - Total Fill: 1400 Cu. Yds
 - Offsite waste/borrow area location: REQUIRED PERMIT BY SEDIMENT CONTROL INSPECTOR
 - 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 SWM 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.

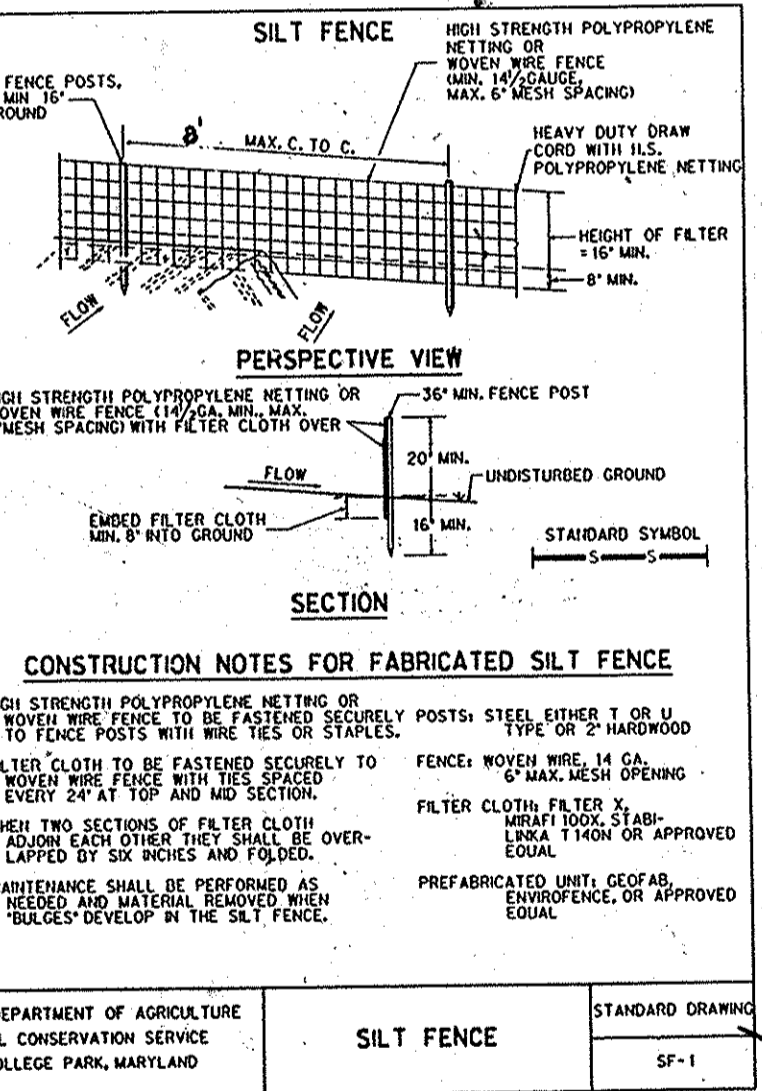


- ### GENERAL NOTES
1. Materials and construction shall be in accordance with the Howard County Design Manual Volume IV.
 2. The Contractor shall verify the location and depth of all existing utilities to his own satisfaction before starting construction.
 3. The Contractor shall notify the Gas & Electric Company and the Gas & Electric Company five days prior to starting work shown on these plans by calling "Miss Utility", call collect 301-559-0100.
 4. The Contractor or Developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 992-2417 or 992-2418.
 5. Shaded area denotes new pavement.
 6. It shall be distinctly understood that failure to mention specifically or show on the plans any work which would normally be required to complete the project shall not relieve the Contractor of his responsibility to complete such work.
 7. It shall be the responsibility of the Contractor to notify the Engineer of any deviation from this plan without written authorization from the Engineer. Any deviation from this plan without written authorization from the Engineer will be the responsibility of the Contractor.
 8. The Contractor shall note that in case of a discrepancy between the scaled and the figured dimensions shown on these plans, the figured dimensions shall govern.
 9. All existing site features not being retained shall be removed and disposed of at an approved location.
 10. Existing utilities have been plotted from available records. Verification of exact location of utilities shall be the Contractor's responsibility. Any utilities damaged due to Contractor's negligence shall be repaired immediately at his expense.



- ### PERMANENT SEEDING NOTES
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments: In lieu of soil test recommendations, use one of the following alternatives:
- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 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 disk into upper three inches of soil.
- Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 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 weeping lovegrass. During the period of October 16 thru February 28, as possible in the spring, option (3) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. 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 untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 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 amendments.

- ### SEQUENCE OF OPERATION
1. Obtain Grading Permit.
 2. Notify Howard Co. Dept. of Permits and Licenses Sediment Control Division at least 48 hours prior to beginning work.
 3. Clear and grub for Sediment & Erosion Control Measures or Devices only.
 4. Install all Sediment & Erosion Control Measures and Devices.
 5. Notify Howard Co. Dept. of Permits and Licenses, Sediment Control Division, upon completion of said installation.
 6. With the approval of Howard Co. Dept. of Permits & Licenses and the Sediment Control Inspector, clear and grub remainder of site.
 7. Rough grade site.
 8. PARKING LOT CONSTRUCTION PHASE.
 9. Fine grade & stabilize all areas disturbed by construction. When all disturbed areas have been stabilized by paving, or by methods prescribed in "Standards and Specifications for Erosion & Sediment Control in Developing Areas" all temporary sediment control measures shall be removed with permission of Sediment Control Inspector.
 10. Stabilize all remaining areas after sediment control measures are removed.

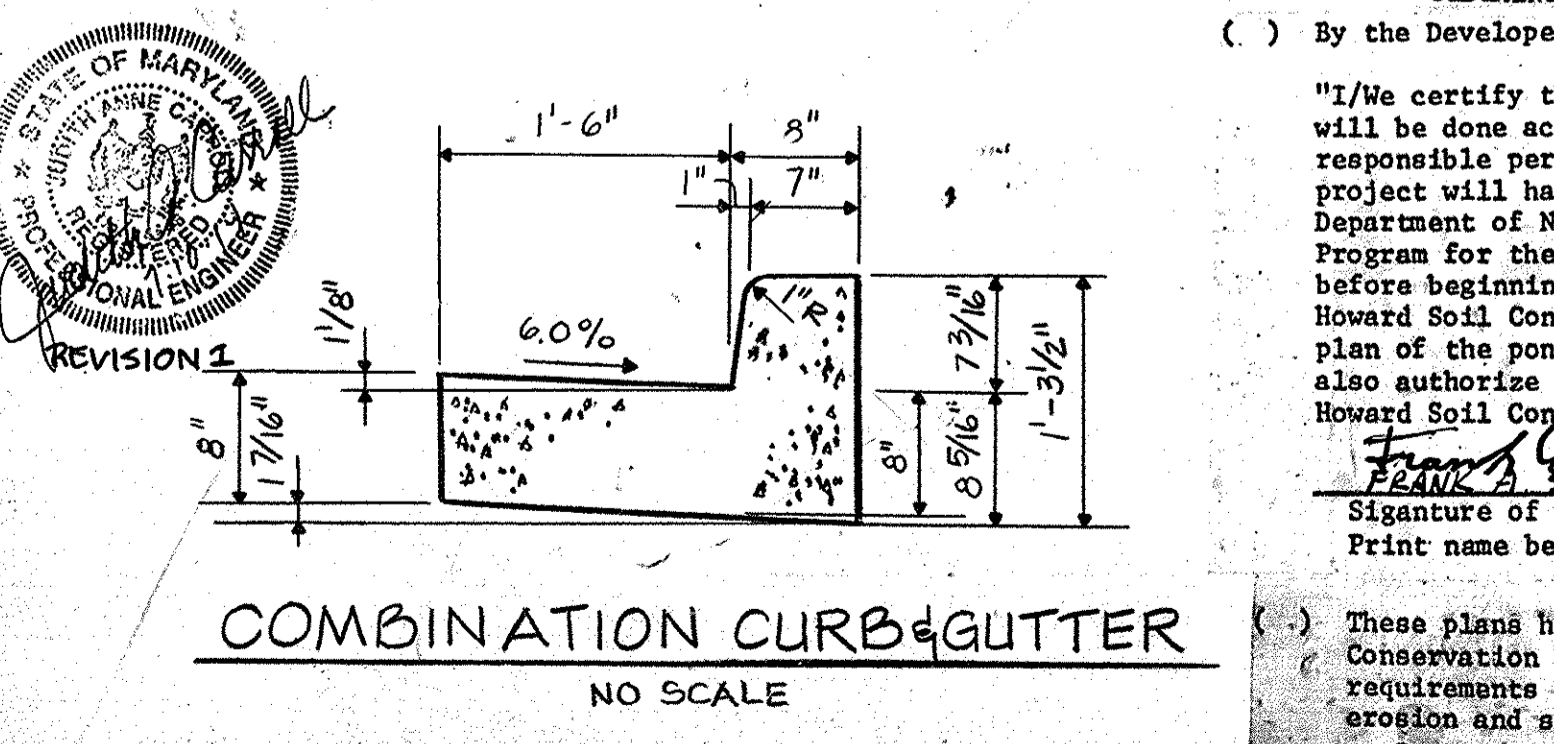
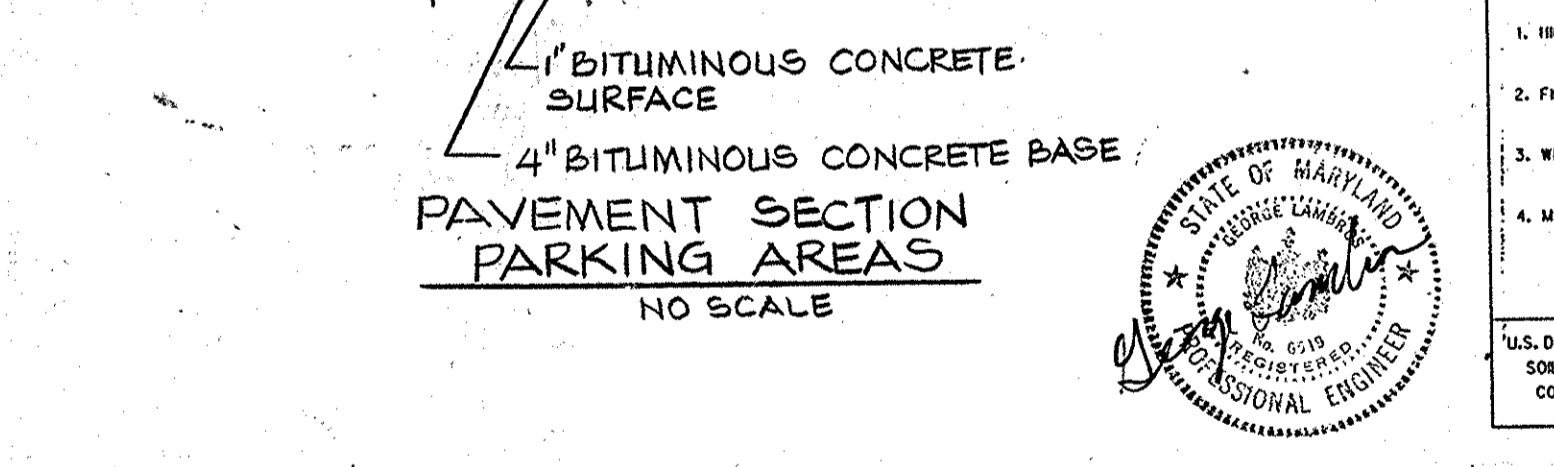


PLANT LIST: 2-6-91

KEY	QUANT.	BOTANICAL NAME / COMMON NAME	SIZE	CONDITION	REMARKS
(+)	3	ACER RUBRUM / RED SUNSET / RED MAPLE	2 1/2 - 3" CAL.	B C B	
(o)	3	QUERCUS PALUSTRIS / PIN OAK	2 1/2 - 3" CAL.	B C B	
(x)	3	PRUNUS YEDDISIS / YOSHINO CHERRY	8 - 10' HT.	B C B	
(*)	9	PINUS STROBUS / WHITE PINE	6 - 8' HT.	B C B	8 - 10' OC.

SITE ANALYSIS

	PARCEL I-1	PARCEL I-2	TOTAL
AREA OF SITE	8.211 AC.	9.415 AC.	17.62 AC.
EXISTING ZONING	M-2	M-2	M-2
FLOOR SPACE			
EXISTING WAREHOUSE	124,950 #	157,500 #	282,450 #
EXISTING OFFICE	8,680 #	11,250 #	19,930 #
TOTAL	133,630 #	148,750 #	282,380 #
OPEN SPACE (20% OF TOTAL)	1.64 AC.	1.88 AC.	3.52 AC.
GREEN AREA (PROPOSED)	2.48 AC. (28% OF TOTAL)	3.26 AC. (35% OF TOTAL)	5.74 AC. (33% OF TOTAL)
NUMBER OF EMPLOYEES			
OFFICE	20	25	45
WAREHOUSE (2 SHIFTS)	75	20	95
PARKING REQUIREMENTS			
OFFICE (7 PS./10 PERSONS)	14	18	32
1 SHIFT - WAREHOUSE (1 PS./EMP)	38	20	58
TOTAL	52	38	90
PARKING SPACES PROVIDED	49 (INC 3HC)	186 (INC 5HC)	185 (INC 8HC)
BUILDING COVERAGE OF SITE	37.6%	36.0%	36.8%
PARKING LOT AREA	16,110 #	22,410 #	38,520 #
LANDSCAPED ISLAND AREA (5% TOTAL)	806 #	1,121 #	1,927 #
LANDSCAPED ISLAND AREA (PROPOSED)	806 #	2,455 #	3,261 #



SEDIMENT CONTROL & POND CONSTRUCTION

() By the Developer:

"I/We certify that all development and/or construction will be done according to these plans, and that any 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 will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

Signature of Developer: *Frank A. Serio* Date: 1-13-92

() By the Engineer:

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."

Signature of Engineer: *George Lambros* Date: 1-13-92

Signature of Landscape Architect: *Jeff W. Kelly* Date: 1-13-92

Signature of Sediment Control Inspector: *John M. Halls (C.S.)* Date: 1/6/92

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

ADDRESS CHART

LOT NO.	STREET ADDRESS
PARCEL I-1	8441 DORSEY RUN RD
PARCEL I-2	8447 DORSEY RUN RD.

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

APPROVED FOR PUBLIC WATER SYSTEMS AND PRIVATE SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

APPROVED: CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

Drafting	DATE	REVISIONS	ENGINEER	OWNERS: PARCEL I-2	PARCEL I-1	SUBDIVISION NAME	SECT./AREA	PARCEL #	DATE	DATE	JOB NUMBER
Check	7/11/14	D.W.M. INSTALL NEW SEWER LINES AND 36" SQ ACCESS HATCH	PAUL LEE ENGINEERING, INC. 304 W. PENNSYLVANIA AVENUE TOWSON, MD. 21284 TEL. 821-5941	THE CAFRITZ GROUP 9202 HAMPTON OVERLOOK CAPITOL HEIGHT, MD. 20743 TEL. 301-499-6315	FRANK A. SERIO & SONS, INC. 8441 DORSEY RUN ROAD JESSUP, MARYLAND 20794	HAMILTON TRACT PLAT OR L.F. BLOCK# 8 8615	M2	6	6064	2-4-94	87017
Design											
Check											

PROPOSED PARKING AREA ADDITION FOR PARCEL I-1

SHEET 1 OF 1

DATE 2-4-94

SCALE 1" = 50'

JOB NUMBER 87017

SDP-91-92