

SEDIMENT CONTROL NOTES:

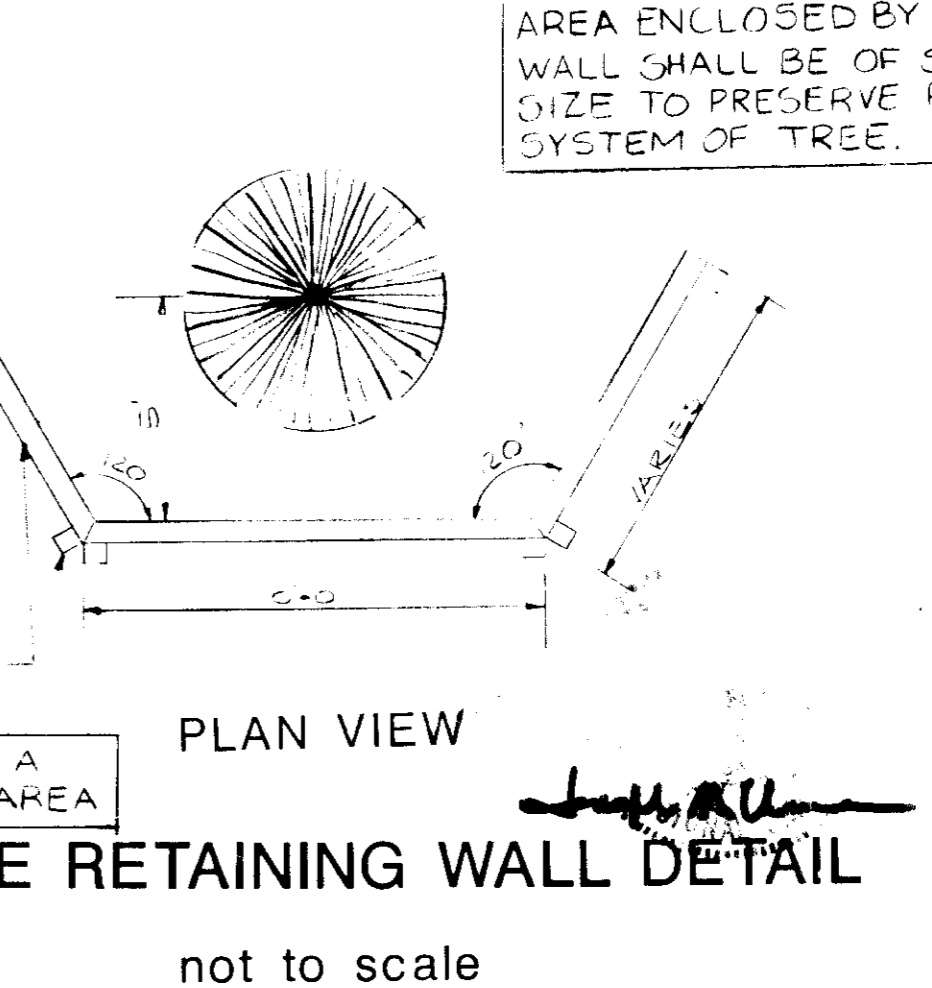
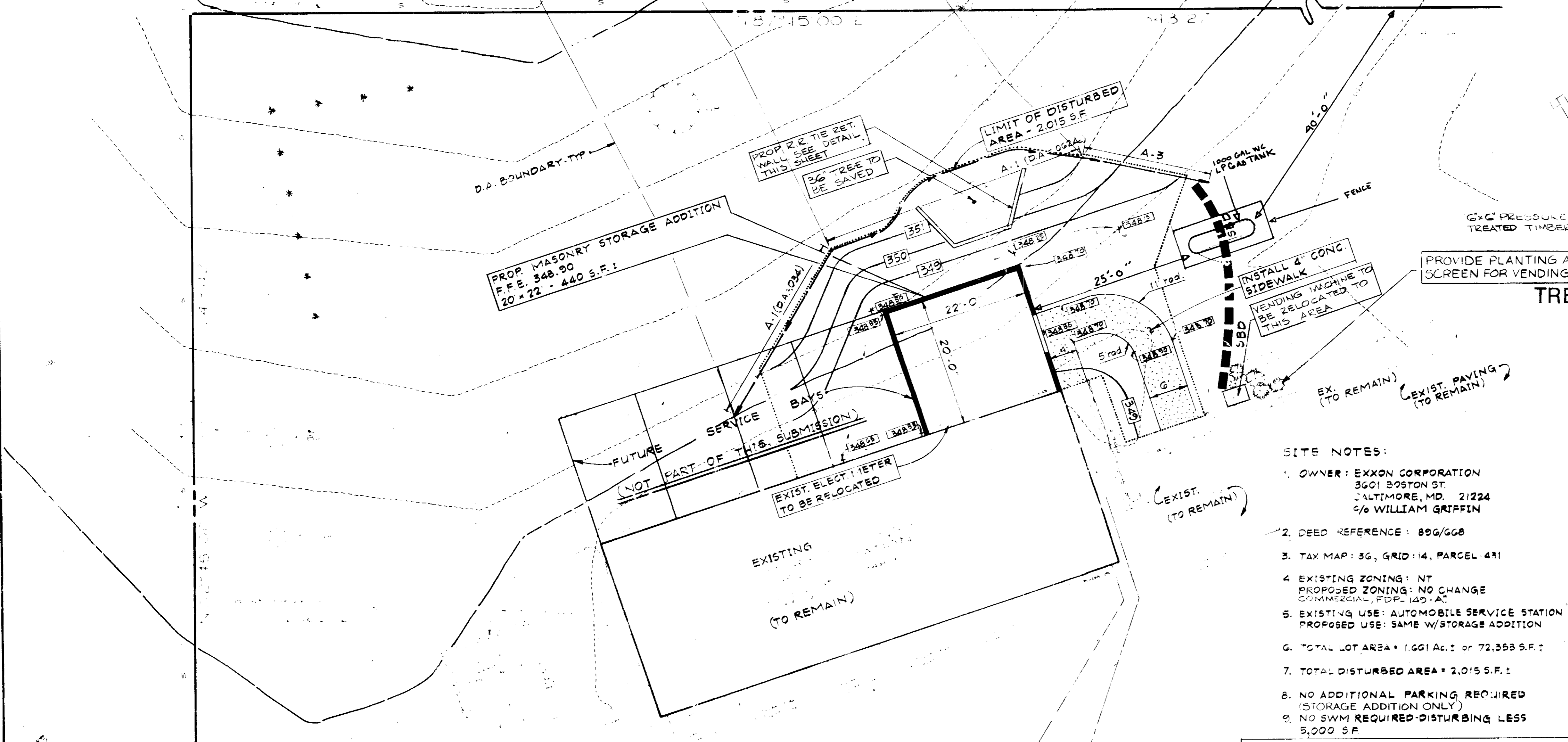
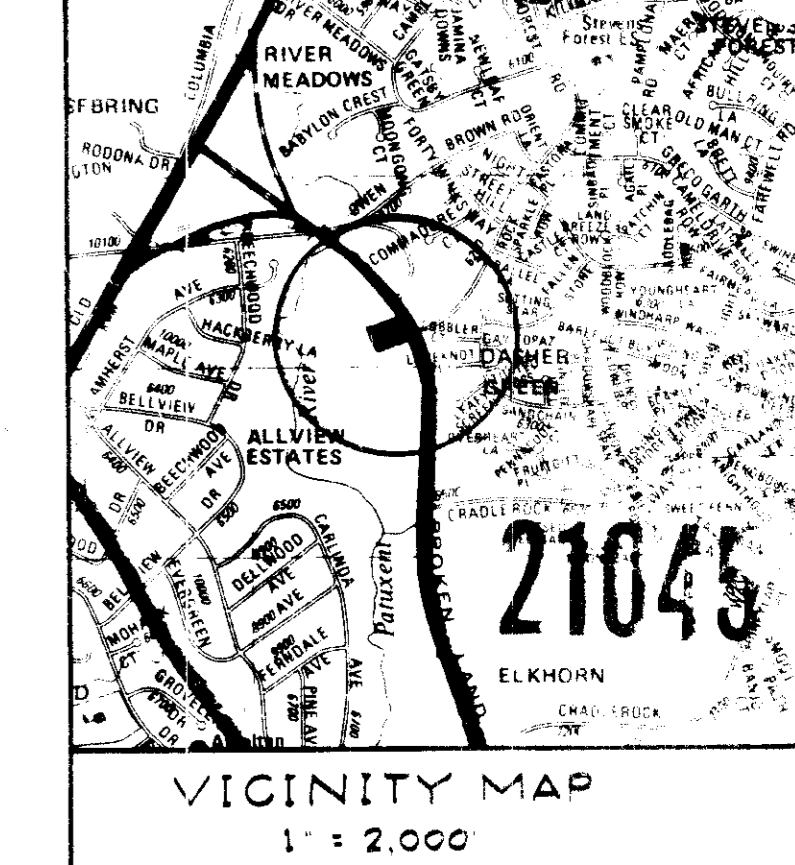
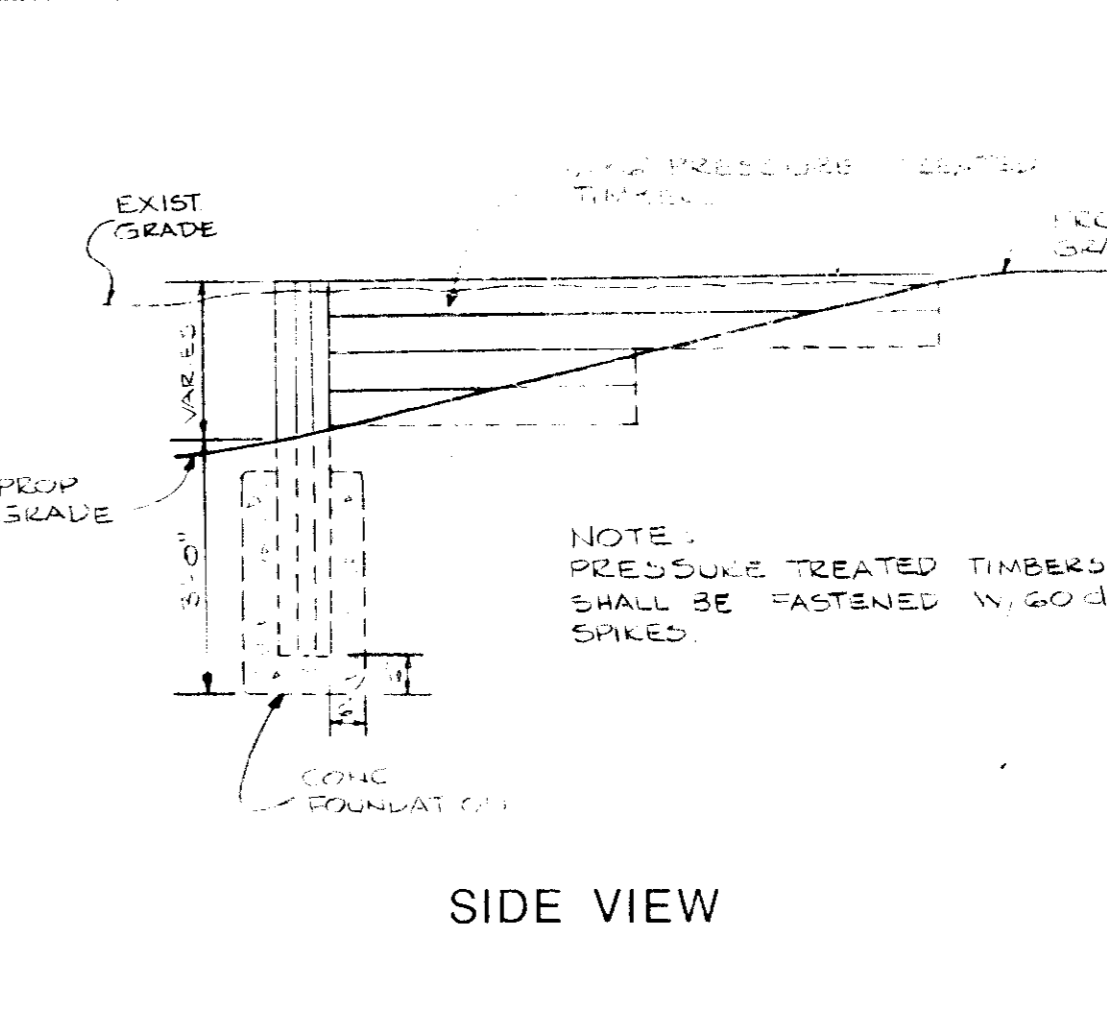
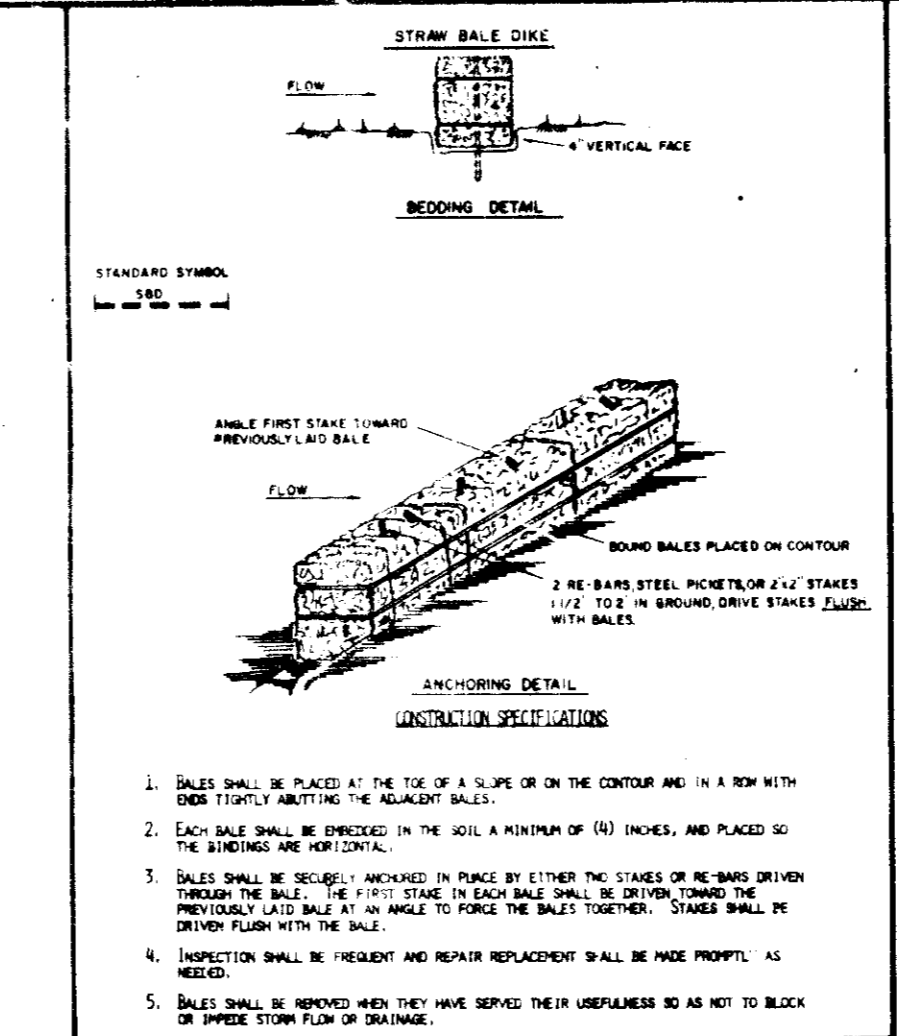
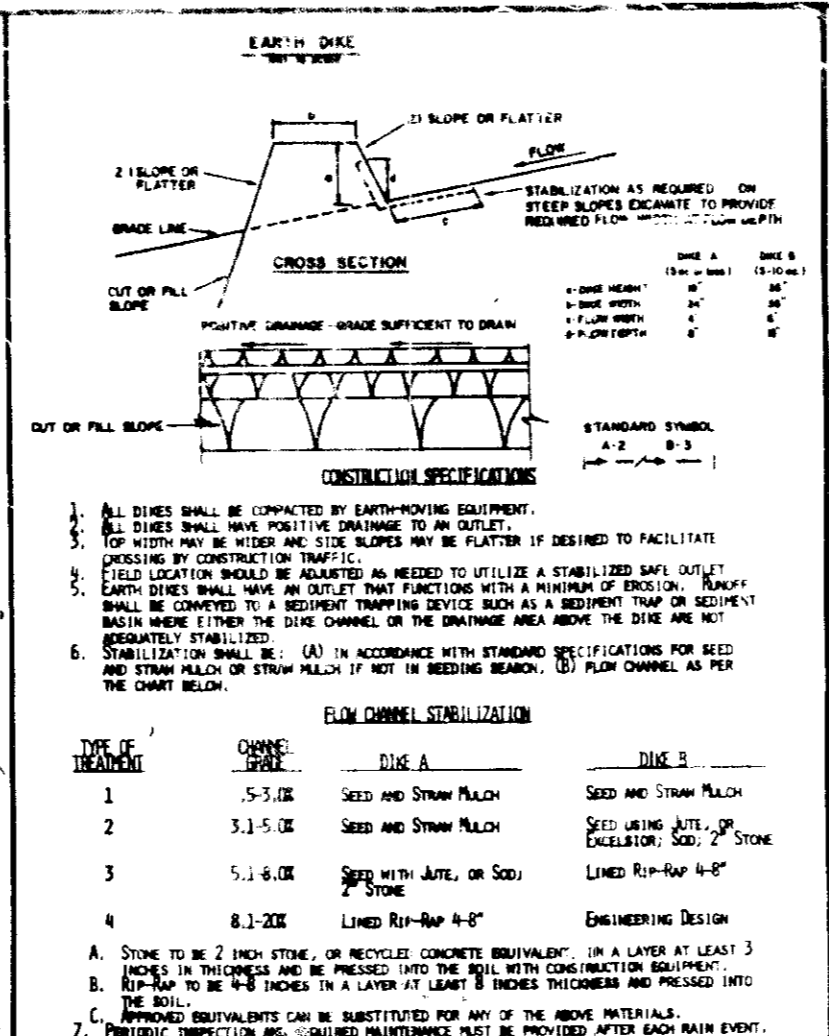
1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (202-2437)
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN & ARE IN CONFORMANCE WITH THE 1985 MARYLAND STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (a) 7 CALENDARS FOR ALL PERIMETER CONTROL STRUCTURES, DIKES, PERIMETER SLOPES (ALL SLOPES GREATER THAN 3:1); (b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.
4. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN TIME PERIOD SPECIFIED ABOVE AND IN ACCORDANCE WITH SEEDING NOTES THIS SHEET.
5. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE & MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD CO. SEDIMENT CONTROL INSPECTOR.

G. SITE ANALYSIS:

TOTAL SITE AREA = 1.661 AC.
 AREA DISTURBED = 0.046 AC.
 AREA TO BE ROOFED OR PAVED = 0.014 AC.
 AREA TO BE VEGETATIVELY STABILIZED = 0.032 AC.
 TOTAL CUT:
 OFFSITE WASTE/BORROW AREA LOCATION:

7. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY AS THE DISTURBANCE.

8. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.



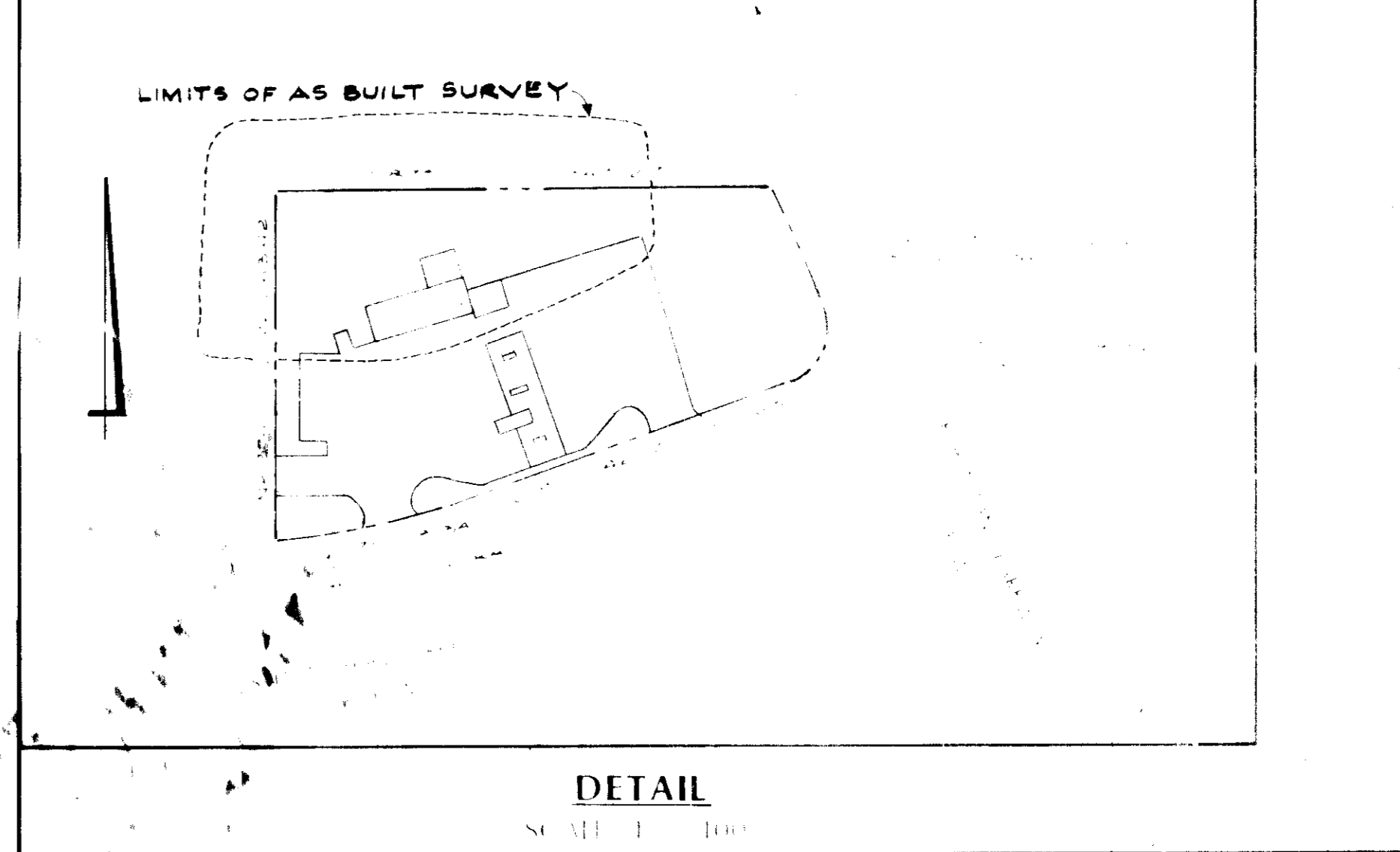
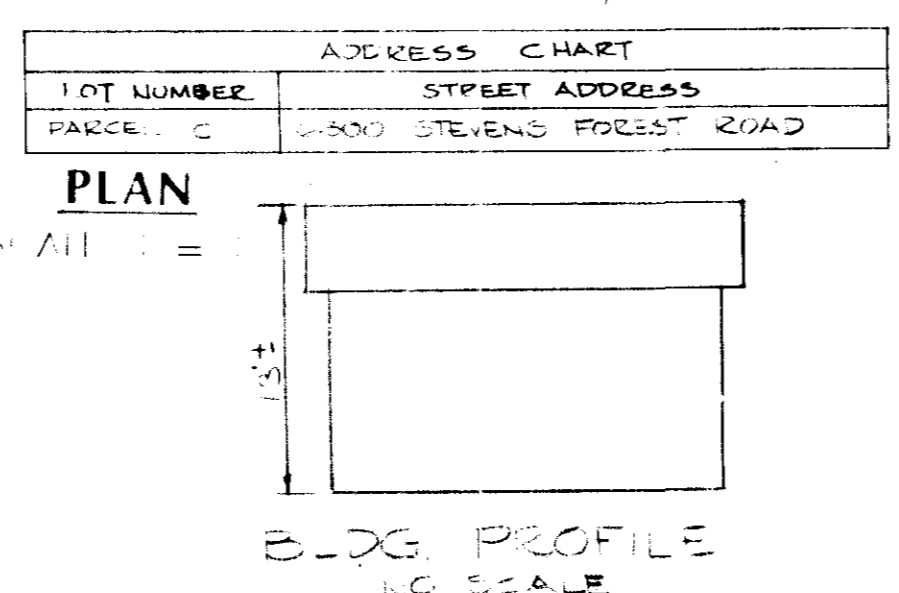
By the Developer:
 I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance as a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.
 Exxon Co. USA
 William Griffin
 Signature of Developer
 6/13/85
 Date

By the Engineer:
 I 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.
 Lowell A. Mason
 Signature of Engineer
 6/13/85
 Date

- SITE NOTES:**
1. OWNER: EXXON CORPORATION
 3601 BOSTON ST.
 BALTIMORE, MD. 21224
 c/o WILLIAM GRIFFIN
 2. DEED REFERENCE: 89G/GGB
 3. TAX MAP: 36, GRID 14, PARCEL 491
 4. EXISTING ZONING: NT
 PROPOSED ZONING: NO CHANGE
 COMMERCIAL, F.D.P. 143-A
 5. EXISTING USE: AUTOMOBILE SERVICE STATION
 PROPOSED USE: SAME W/ STORAGE ADDITION
 6. TOTAL LOT AREA = 1.661 AC. = 72,353 S.F.
 7. TOTAL DISTURBED AREA = 2,015 S.F.
 8. NO ADDITIONAL PARKING REQUIRED (STORAGE ADDITION ONLY)
 9. NO SWM REQUIRED-DISTURBING LESS 5,000 S.F.

SEQUENCE OF CONSTRUCTION

DESCRIPTION OF WORK	FROM DAY #1	TO DAY #2	TOTAL DAYS
1. OBTAIN COUNTY'S PERMIT	1	1	1
2. CLEAR & STABILIZE SEDIMENT CONTROL MEASURES	1	2	2
3. INSTALL & STABILIZE SEDIMENT CONTROL MEASURES	3	6	3
4. ROUGH GRADE SITE	6	8	2
5. CONSTRUCT BUILDING & SIDEWALK	8	60	52
6. FINE GRADE SITE & STABILIZE	60	90	30



PERMANENT SEEDING NOTES
 Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
 Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
 Soil Amendments: 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 80 lbs per acre 10-10-10 fertilizer (24 lbs/1000 sq ft) before seeding.
 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (33 lbs/1000 sq ft) before seeding.
 3) Narrow or disc trow upper three inches of soil.
 Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 40 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.07 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) the seed. Option (3) seed with 40 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 2 1/2 gallons per acre (5 gal/1000 sq ft) of mulchified asphalt on flat areas. On slopes 4 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.
 Maintenance - Inspect all seeded areas and make needed repairs, replacement and reseeding.

TEMPORARY SEEDING NOTES
 Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.
 Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
 Soil Amendments: Apply 600 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 24 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 weeping lovegrass (0.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect 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 untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal/1000 sq ft) of mulchified asphalt on flat areas. On slopes 4 feet 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.

REVISIONS

NO.	DATE	DESCRIPTION
1	5-28-85	PER COLUMBIA COMMENTS.
2	5-29-85	1000GAL WC LP GAS TANK

APPROVED
 PLANNING
 DATE: 6-12-85
 J.A. Mason

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

Reviewed for Howard S.C.D. and meets Technical Requirements:
 William Griffin
 Signature of Developer
 6-18-85
 Date

Approved for Public Water and Public Sewerage System:
 Howard County Health Department
 Signature of Health Officer
 6/18/85
 Date

Approved for Public Water, Public Sewerage and Storm Drainage Systems and Roads:
 Howard County Department of Public Works
 Signature of Director
 6-20-85
 Date

Approved for Public Water and Public Sewerage System:
 Howard County Department of Planning and Zoning
 Signature of Director
 6-25-85
 Date

SEWER CODE

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
Village of Owen Brown	5/1	Parcel C

PLAT/ROLL/BLOCK/ZONE
 3722 14 NT
WATER CODE
 36 G 6061.01

STV / LYON ASSOCIATES
 Engineers Surveyors Planners
 21 Governor's Court Baltimore, Maryland 21207
 Telephone: 301-944-9112

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PLAN PREPARATION

DATE	BY
MARCH, 1985	J.P. OLDHAM
AS NOTED	J.P. OLDHAM
JUNE 12, 1985	J.P. OLDHAM

EXXON COMPANY, USA
 VILLAGE OF OWEN BROWN 5/1 PARCEL C BUILDING ADDITION 1053P 75-35
 STEVENS FOREST RD. & BROKEN LAND PKWY.
 ELECTION DISTRICT G
 COLUMBIA, HOWARD COUNTY, MARYLAND

DRAWING NO.
 SD 1

SHEET NO.
 1 of 1

SDP-85-260