

ON-SITE LIGHTING SPECIFICATIONS

QUANTITY	TYPE / DESCRIPTION
(4) 100	STERNER "PHOSPHOR" MOUNTED ON 4" DIA. POLE. COLOR: DICHROIC. HPS. 400 WATT. 120V. 120-119-20.
(2)	SINGLE, CUT OFF (19") FIXTURE STERNER "PHOSPHOR".
(2)	DOUBLE, CUT OFF (20") FIXTURE STERNER "PHOSPHOR".

(SEE LIGHTING DETAILS SHEETS)

NOTE: INSTALL LIGHTING ABOVE FREETOWN ROAD UNLESS AS SHOWN WITH APPROVED SIGNAGE DEVICES AS TO RESTRICT LIGHTING PATTERN TO SITE, AND NOT TO INTERFERE WITH FREETOWN ROAD TRAFFIC.

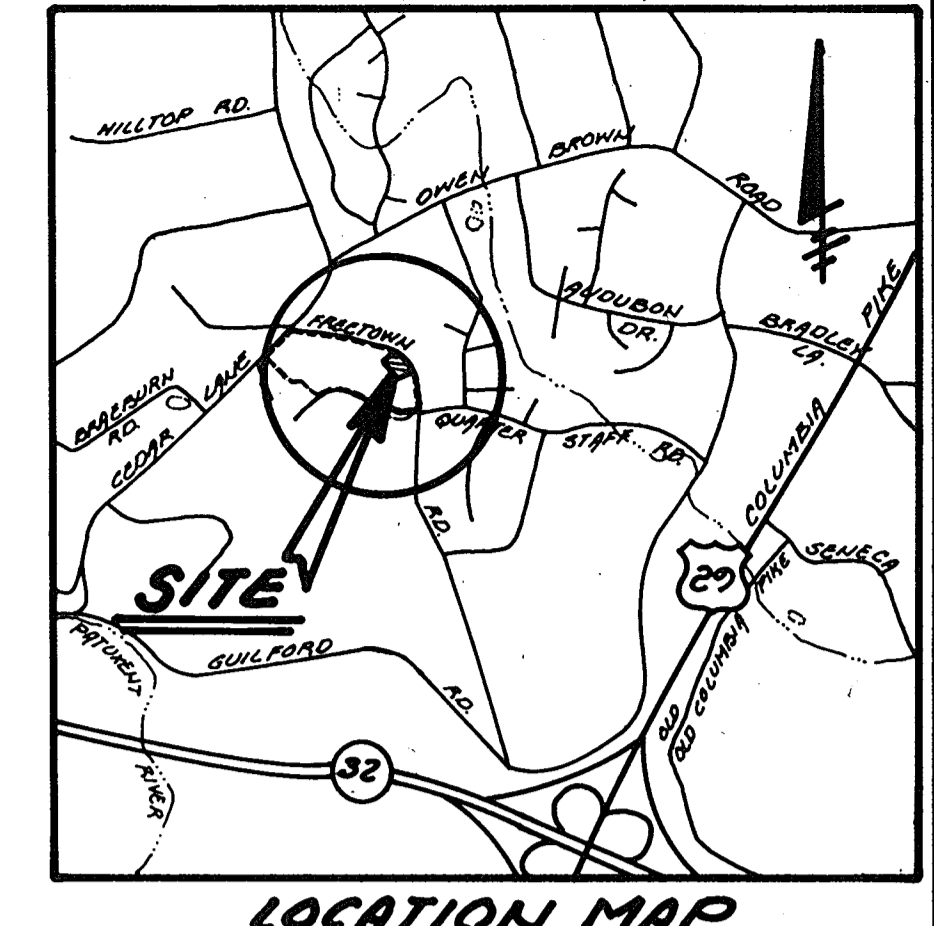
SITE DEVELOPMENT PLAN

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (301) 792-7772 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- PROJECT BACKGROUND:
 - A. LOCATION: VILLAGE OF HICKORY RIDGE, TAX MAP: 25, PARCEL: A-2
 - B. ZONING: NT (NEWTOWN - COMMERCIAL)
 - C. SECTION/AREA: 6/3
 - D. SIZE AREA: 1.3744 ACRES; 59,868 SQ. FT.
 - E. FINAL DEVELOPMENT: FDP PHASE 205A - PART 1, RECORDED IN PLAT 3054A-12/17/1222 ON 12/17/91
- BOARD OF COUNTY COMM. B.C.C. CASE 412 RESOLUTION APPROVED AUGUST 10, 1965 AMENDED B.C.C. CASE 507 RESOLUTION APPROVED 11-4-1968 AMENDED B.C.C. CASE 606 RESOLUTION APPROVED 11-22-1972 AMENDED B.C.C. CASE 644 RESOLUTION APPROVED 1-7-1974 AMENDED B.C.C. CASE 693 RESOLUTION APPROVED 12-20-1976 AMENDED B.C.C. CASE 817 RESOLUTION APPROVED 9-9-1986
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY SIGNAGE. BUREAU OF ENVIRONMENTAL SERVICES STANDARDS.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

BAY FACILITY NOTES

- THE FLOOR OF THE PROPOSED GARAGE SHALL SLOPE TOWARDS FLOOR DRAINS LOCATED WITHIN THE VEHICLE REPAIR AND STORAGE AREAS.
- ALL FLOOR DRAINAGE SHALL ENTER THESE FLOOR DRAINS AND PASS THROUGH A SAND INTERCEPTOR AND THEN AN OIL INTERCEPTOR LOCATED WITHIN THE BUILDING PRIOR TO ENTERING THE SANITARY SEWER.
- OILS AND HYDRAULIC FLUIDS THAT ARE DRAINED DIRECTLY FROM MOTOR VEHICLES MUST BE EMPTIED TO AN ABOVE GROUND SEPARATED WASTE OIL TANK LOCATED WITHIN THE BAY FACILITY, AND SHALL NOT BE CONNECTED TO THE SANITARY SEWER NOR TO THE SAND AND OIL INTERCEPTOR SYSTEM.
- THE OIL INTERCEPTOR MUST BE PROVIDED WITH AN OVERFLOW LINE TO AN APPROVED WASTE OIL TANK MINIMUM SIZE 550 GALLONS (AS SHOWN) PER THE HOWARD COUNTY BUREAU OF ENVIRONMENTAL SERVICES STANDARDS.



SITE INFORMATION

AREA OF PARCEL: 1.3744 ACRES; 59,868 SQ. FT.
 PRESENT ZONING: NT (NEWTOWN - COMMERCIAL)
 BOARD OF COUNTY COMM. B.C.C. CASE 412 RESOLUTION APPROVED AUG. 10, 1965
 AMENDED B.C.C. CASE 507 RESOLUTION APPROVED 11-4-1968
 AMENDED B.C.C. CASE 606 RESOLUTION APPROVED 11-22-1972
 AMENDED B.C.C. CASE 644 RESOLUTION APPROVED 1-7-1974
 AMENDED B.C.C. CASE 693 RESOLUTION APPROVED 12-20-1976
 AMENDED B.C.C. CASE 817 RESOLUTION APPROVED 9-9-1986

FINAL DEVELOPMENT PLAN: FDP PHASE 205A - PART 1, RECORDED IN PLAT 3054A-12/17/1222 ON 12/17/91
 PROPOSED USE: GAS STATION, RETAIL SALES, CAR SERVICE (BAYS), AND CAR WASH.

FLOOR SPACE:

1. BAY FACILITY, RETAIL SALES:	
GROSS AREA:	2,228.6 SQ. FT.
RETAIL AREA:	458 SQ. FT.
STORAGE AREA:	627.0 SQ. FT.
BAY AREA:	1,143.6 SQ. FT.
2. CAR WASH:	
GROSS AREA:	960 SQ. FT.

MAXIMUM NUMBER OF EMPLOYEES: FIVE (5)

PARKING: REQUIRED:

- 3 SPACES PER BAY X 3 BAYS = 9 SPACES
- 1 SPACE PER EMPLOYEE X 5 EMPLOYEES = 5 SPACES
- 1 SPACE PER SERVICE VEHICLE X 1 VEHICLE = 1 SPACE
- 1 SPACE PER 200 SQ. FT. OF FLOOR AREA (RETAIL X 1085 SQ. FT. = 5.4 SPACES)
- TOTAL REQUIRED SPACES = 21 SPACES

PROVIDED SPACES: 22 SPACES (INCLUDING 2 HANDICAPPED SPACES)

LANDSCAPING:
 PROPOSED: 3/4 FOR ENTIRE SITE: 43.6% = 0.6 ACRES
 REQUIRED: 3/4 FOR ENTIRE SITE: 20%

BLDG. COVERAGE: 2,228.6 SQ. FT.
 BLDG AREA = 3,728

CAR WASH STACKING:
 REQUIRED: 40 RESERVOIR CAR SPACES

PROVIDED: 40 RESERVOIR CAR SPACES

PLAN FILE REFERENCES: F-90-116, F-92-20, F-90-97, S-88-115, P-80-119, WF-92-29, P-243, FDP 205A - PART I

WETLANDS CERTIFICATION

WE HEREBY CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT SECTION 404 OF THE MD. DEPT. OF NATURAL RESOURCES DOES NOT APPLY NOR ARE ANY WETLANDS PERMITS REQUIRED.

DAVID S. WANG P.E. #15454

NOTE:

- STORMWATER MANAGEMENT: REFERENCE PLAN F-90-97 SWM POND #1
- ALL WASTE MATERIAL WHICH HAS BEEN GENERATED AS A RESULT OF AUTOMOBILE SERVICE OR THE CONVENIENCE STORE SHALL BE EITHER STORED ON SITE AND LATER SHIPPED FOR RECYCLING OR PROPERLY DISPOSED OF AT A COUNTY APPROVED LANDFILL.
- THE SITE SHALL MEET ALL SPECIAL CRITERIA CONTAINED IN FDP PHASE 205A - PART 1, RECORDED IN PLAT 3054A-12/17/1222 ON 12/17/91.

NOTE:

CONTRACTOR SHALL REMOVE PROPOSED CURB AND GUTTER AT BOTH ENTRANCES TO SITE. CONTRACTOR SHALL INSTALL H.C. RAMPS AT SAID ENTRANCES AS SHOWN TAKING CARE TO MEET & MATCH EXISTING 4'-0" CONCRETE SIDEWALK AND CURB AND GUTTER BY OTHERS.

NOTE: ALL PARKING LIGHTS SHALL BE 400 WATT SINGLE, CUT OFF (19") FIXTURE BY STERNER "PHOSPHOR" MOUNTED ON 4" DIA. POLE. (COLOR: DICHROIC BLACKS. CUT NO. 4 MD 19A103.DHC. 400 W-2779-R79-20). ALL LIGHT POLES TO BE FLUSH MOUNTED AT FINISHED GRADE.

NOTE: TYPICAL - PLACE ALL AREA LIGHTS 3'-0" BEHIND BACK OF CURB AND FLUSH MOUNTED W/ FINISHED GRADE (SEE DETAIL ON SHEET 5 OF 2).

NOTE: SIGN INFORMATION

ALLOWABLE SQ. FT. OF SIGNAGE:	53'-4" X 2 SQ. FT. PER FOOT OF BLDG. FRONTAGE = 106.7 SQ. FT.
PROPOSED SIGNAGE:	
CAR WASH SIGN: 1 EA.	8.8 SQ. FT.
CANOPY FACIA SIGN: 2 EA.	22.20 SQ. FT.
PEGASUS SIGN: 1 EA.	19.6 SQ. FT.
MOBIL SERVICE SIGN: 1 EA.	10.0 SQ. FT.
FREE-STANDING SIGN: 1 EA.	12.90 SQ. FT.
MOBIL I.D.:	0 (< 32 SQ. FT.)
PRICE SIGN:	
TOTAL PROPOSED SIGNAGE:	73.5 SQ. FT.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS AND ZONING
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS AND ZONING
 HOWARD COUNTY DEPT. OF PUBLIC WORKS

APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE: 12 May 92

PERMIT INFORMATION BLOCK

ADDRESS CHART	SUBDIVISION NAME	SECT. / AREA	PARCEL #
LOT NUMBER	STREET ADDRESS	MOBIL STATION	PART OF PARCEL A2
PARCEL A2	6440 FREETOWN RD.	PLAT # OR L/I/F BLOCK #	CENSUS TR.
		PLAT # 9740 18	51h. 6056.00
		WATER CODE	SEWER CODE
		E29	6580000

NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARDS SPECIFICATIONS AND DETAILS FOR CONSTRUCTION 1989 AMENDMENTS.
- STORM WATER MANAGEMENT FOR THIS SITE SHALL BE ADDRESSED BY A REGIONAL FACILITY - F-90-97
- ALL DETERGENT USED IN CAR WASH FACILITY SHALL BE "PHOSPHATE FREE" AS PER HOWARD COUNTY REGULATIONS.
- EXISTING GRADES SHOWN ON PLANS REPRESENT THE PROPOSED PAD ELEVATIONS BY WHITMAN, REQUARDT AND ASSOCIATES ON SITE DEVELOPMENT PLANS FOR HICKORY RIDGE VILLAGE CENTER.
- 1" WATER METER SHALL BE LOCATED WITHIN THE PROPOSED SERVICE FACILITY AND WILL MEET ALL HOWARD COUNTY STANDARDS.
- TRASH ENCLOSURE SHALL BE IN ACCORDANCE TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME III R.1101 AND R.1107.

NOTE:

CONTRACTOR SHALL REMOVE PROPOSED CURB AND GUTTER AT BOTH ENTRANCES TO SITE. CONTRACTOR SHALL INSTALL H.C. RAMPS AT SAID ENTRANCES AS SHOWN TAKING CARE TO MEET & MATCH EXISTING 4'-0" CONCRETE SIDEWALK AND CURB AND GUTTER BY OTHERS.

CALL "MISS UTILITY" 1-800-257-7777 FOR UTILITY LOCATIONS AT LEAST 48 HRS. BEFORE BEGINNING CONSTRUCTION

OWNER:
 HOWARD RESEARCH & DEVELOPMENT LAND COMPANY
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND 21048
 PHONE: 1-301-392-6038

ENGINEERS:
 FREDERICK WARD ASSOC., INC.
 ENGINEERS ARCHITECTS SURVEYORS
 5 SOUTH MAIN STREET
 BEL AIR, MARYLAND 21014
 PHONE 301-838-7900 301-879-2080

MOBIL STATION SITE PLAN
 VILLAGE OF HICKORY RIDGE
 SECTION: 6 AREA: 3 PARCEL: A-2
 TH MAP: 35 PARCEL: PART OF PARCEL 'A'
 RECORD PLAT: # 1020 CENSUS TRACT: # 6056.00
 WATER CODE: # E29 SEWER CODE: # 6580000
 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

TITLE SHEET SET UP - 6110.179JPF 90001 903 25-89-91 08*24 AX 7-MOBIL-1
 SDF-92-51

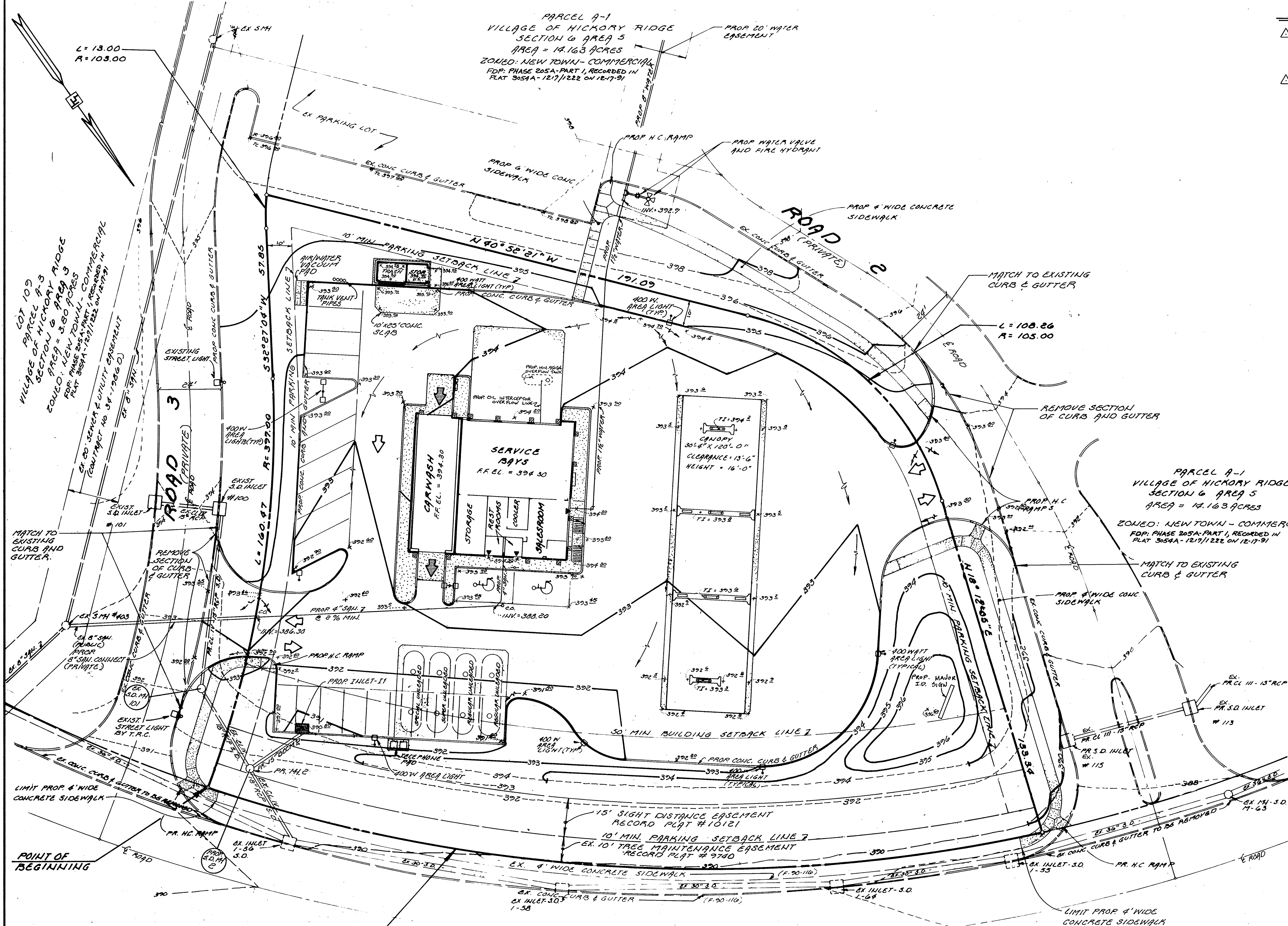
NO. CHANGED: 001
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 SCALE: 1" = 200'
 DATE: 10-17-91

REVISIONS: 01
 DATE: 10-17-91

DATE: 10-17-91

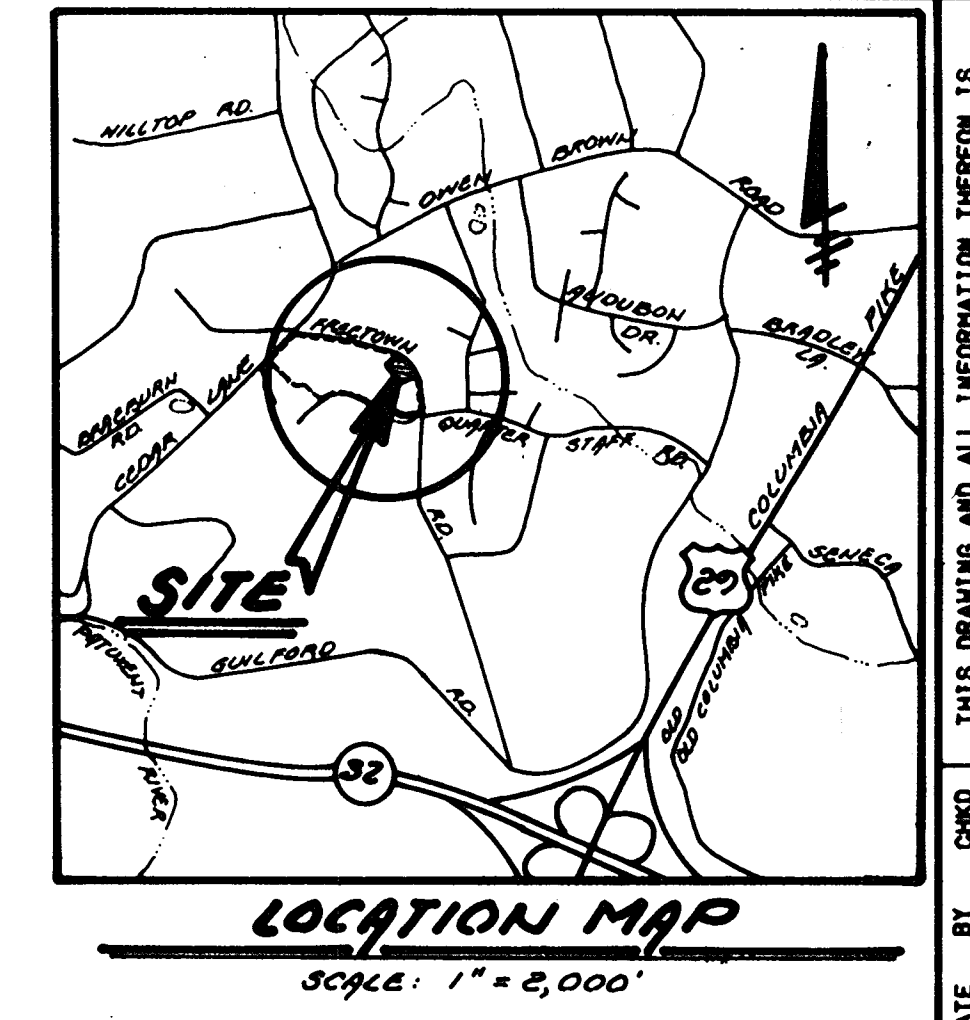
MOBIL Oil Corporation
 U.S. Marketing & Refining Division
 Marketing Operations Engineering Department
 Fairfax, Virginia 22037

1 OF 7



BENCHMARKS:

△ 2079	ELEVATION = 377.87
	REBAR FOUND
	N 495787.0636
	E 833808.2108
△ 2080	ELEVATION = 381.62
	REBAR FOUND
	N 496090.5623
	E 833719.0240



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DATE: 10-14-92

REVISION: 10-14-92

BY: [Signature]

CHECKED: TFM

SCALE: 1" = 2,000'

PARCEL A-1
VILLAGE OF HICKORY RIDGE
SECTION 6 AREA 5
AREA = 14.163 ACRES
ZONED: NEW TOWN - COMMERCIAL
FDP: PHASE 205A-PART 1, RECORDED IN PLAT 3059A-12/1/222 ON 12-17-91

NOTE:

CONTRACTOR SHALL REMOVE EXISTING SIDEWALK, CURB AND GUTTER (BY OTHERS) AT BOTH ENTRANCES TO SITE.

CONTRACTOR SHALL INSTALL H.C. RAMPS AT SAID ENTRANCES, AS SHOWN ON PLAN, TAKING CARE TO MEET AND MATCH TO EXISTING 5" CONCRETE SIDEWALK AND CURB AND GUTTERS BY OTHERS.

CALL "MISS UTILITY"
1-800-257-7777
FOR UTILITY LOCATIONS
AT LEAST 48 HRS. BEFORE
BEGINNING CONSTRUCTION

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HARRARD COUNTY HEALTH DEPARTMENT

[Signature] 6/16/92 DATE

APPROVED: HARRARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 6/15/92 DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS AND PUBLIC UTILITIES
HARRARD CO. DEPT. OF PUBLIC WORKS

[Signature] 6/5/92 DATE

APPROVED PLANNING BOARD OF HARRARD COUNTY

DATE: 12 May 92

OWNER:
HOWARD RESEARCH & DEVELOPMENT LAND COMPANY

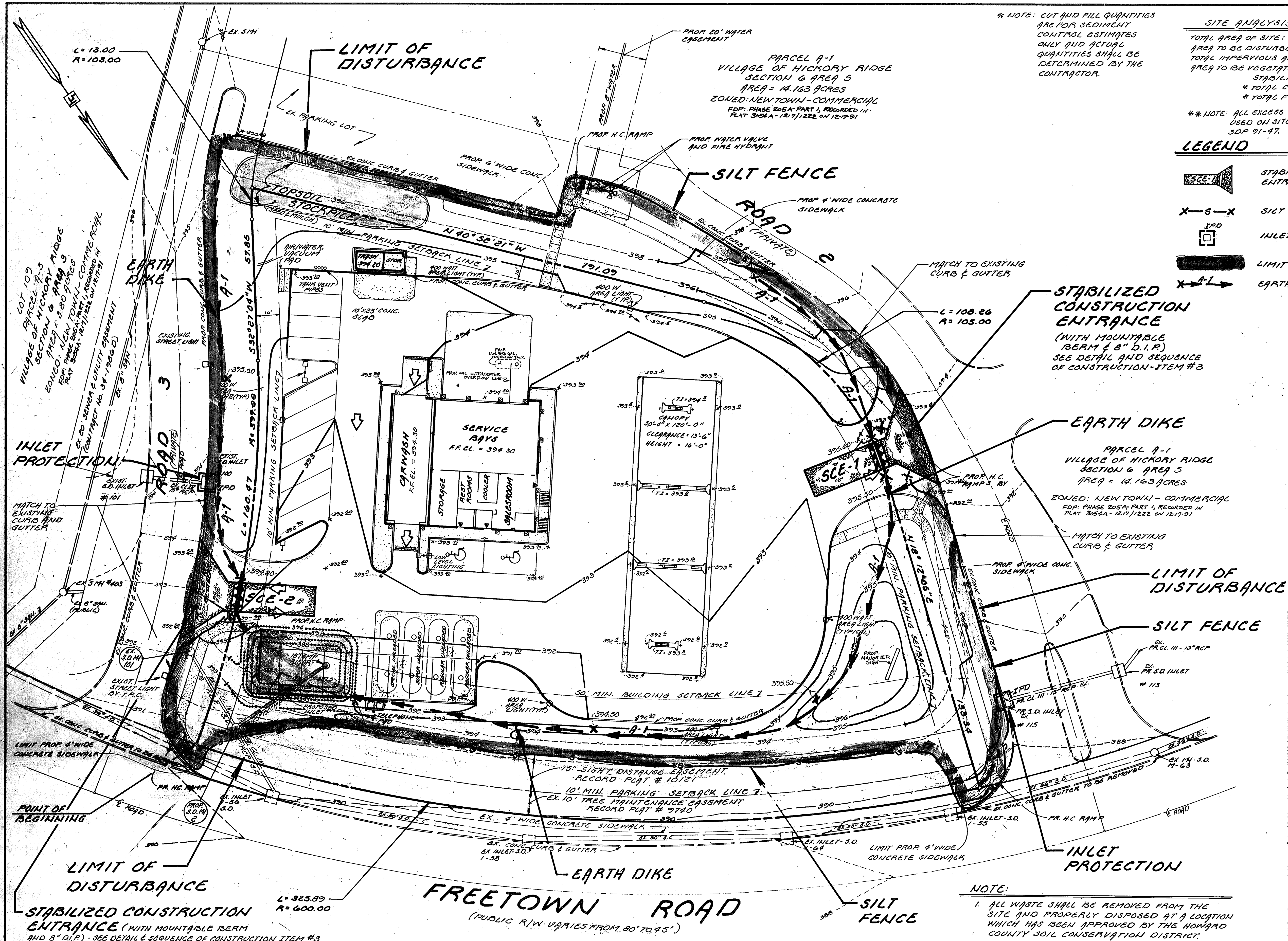
THE ROUSE BUILDING
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21048
PHONE: 1-301-322-6038

FREDERICK WARD ASSOC., INC.
ENGINEERS ARCHITECTS SURVEYORS
5 SOUTH MAIN STREET
BEL AIR, MARYLAND 21014
PHONE 301-838-7300 301-878-2080

MOBIL STATION GRADING PLAN			
VILLAGE OF HICKORY RIDGE			
SECTION:	6	AREA:	3
PARCEL:	PART OF PARCEL "A"		
RECORD PLAT:	# 10120	CENSUS TRACT:	# 6056.00
MAYER CODE:	# 809	SEWER CODE:	# 688000
5TH ELECTION DISTRICT	HARRARD COUNTY MARYLAND		

DRAWING NUMBER: 21074-01
SHEET NUMBER: 2 OF 7

Mobil Oil Corporation
 U.S. Marketing & Refining Division
 Marketing Operations Engineering Department
 Fairfax, Virginia 22037

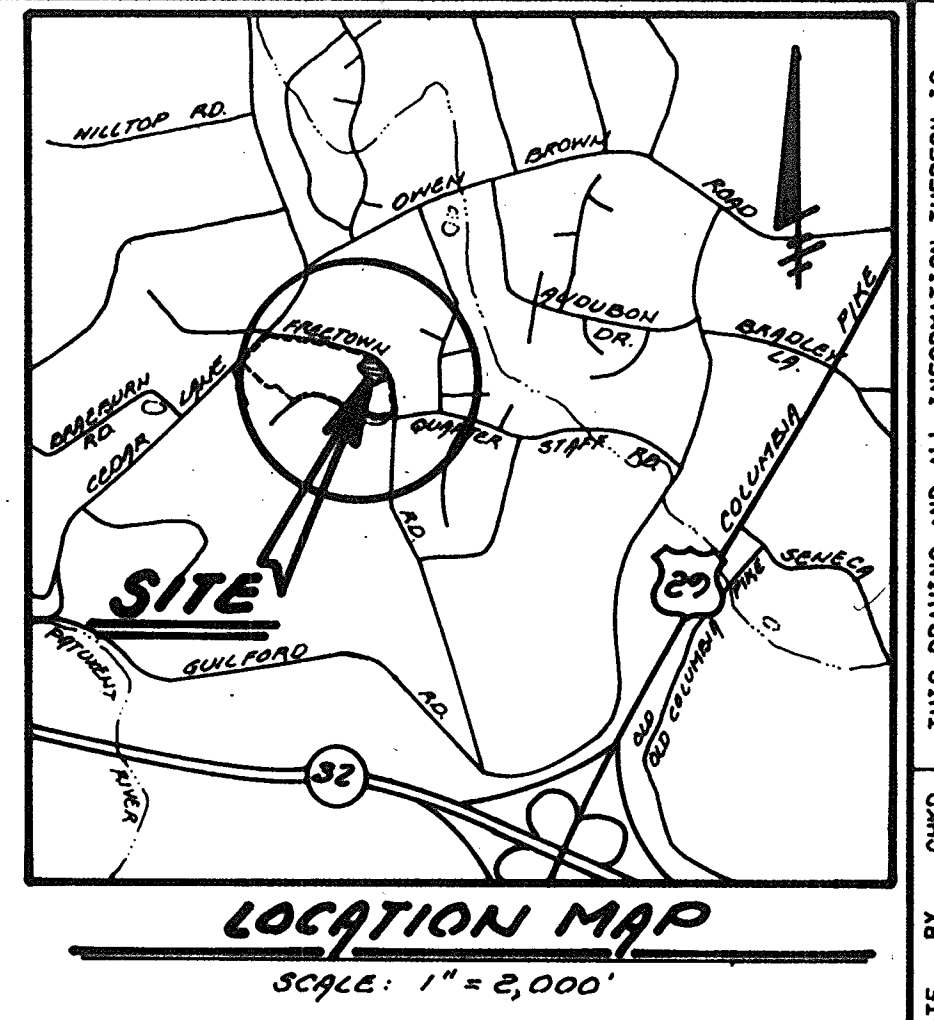
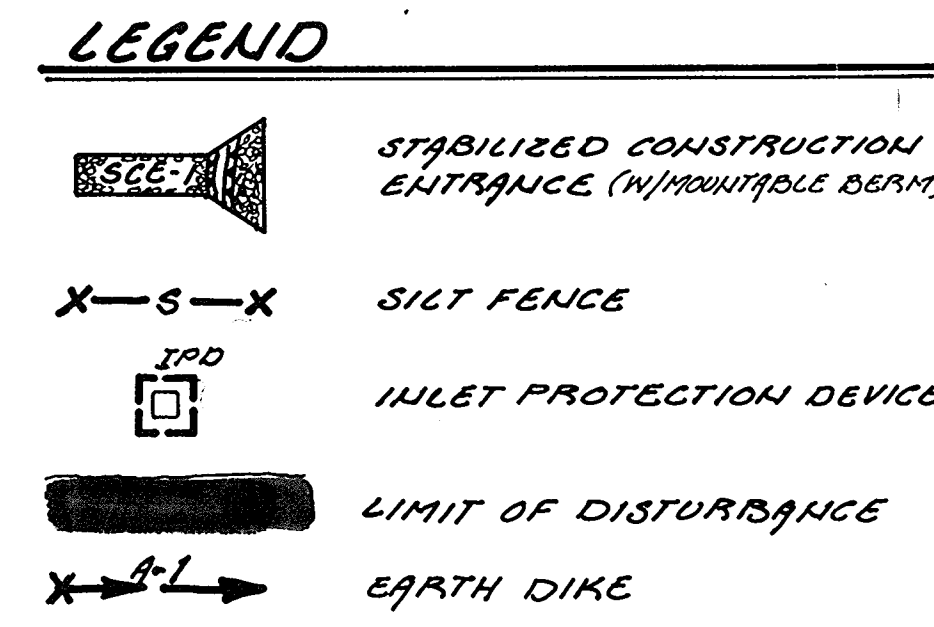


* NOTE: CUT AND FILL QUANTITIES ARE FOR SEDIMENT CONTROL ESTIMATES ONLY AND ACTUAL QUANTITIES SHALL BE DETERMINED BY THE CONTRACTOR.

SITE ANALYSIS

TOTAL AREA OF SITE:	1.3744 AC.
AREA TO BE DISTURBED:	1.3744 AC.
TOTAL IMPERVIOUS AREA:	0.8644 AC.
AREA TO BE VEGETATIVELY STABILIZED:	0.51 AC.
* TOTAL CUT:	3,230 C.Y.**
* TOTAL FILL:	50 C.Y.

** NOTE: ALL EXCESS MATERIAL SHALL BE USED ON SITE IN ACCORDANCE WITH SDP 91-97.



- SEQUENCE OF CONSTRUCTION**
- OBTAIN HOWARD COUNTY GRADING PERMIT.
 - NOTIFY HOWARD COUNTY DEP AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCES #1 & #2. SEE'S SHALL HAVE ALL 8" D.I.P. PLACED THRU THE MOUNTABLE BERM, WITH SLOPE OF 1:0.75 MIN. (WEEK 1)
 - INSTALL M-2, 21 L.F. OF 15" RCMP, 15 L.F. OF 15" CMP WITH 15" PERFORATED RISER, SEDIMENT TRAP, SILT FENCE, 2-1 EARTH DIKE, AND INLET PROTECTION AS SHOWN. CONTRACTOR TO ALWAYS MAINTAIN POSITIVE FLOW ALONG EARTH DIKE. (WEEK 1)
 - ROUGH GRADE SITE. (WEEK 1)
 - INSTALL UTILITIES: WATER AND SEWER. (WEEK 2)
 - FINE GRADE SITE, MAINTAINING POSITIVE FLOW TO TRAP, ONCE BERMS HAVE BEEN CONSTRUCTED ON THE NORTH, NORTHEAST AND SOUTHEAST SIDES OF THE PROPERTY, SO THAT NO WATER DISCHARGES FROM THE SITE. THE 2-2 EARTH DIKES MAY BE REMOVED UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR. (WEEK 3)
 - BEGIN CONSTRUCTION OF THE PROPOSED BUILDINGS, SIDEWALK, AND CURB AND GUTTER. (WEEKS 4 THROUGH 7)
 - STABILIZE AREA ABOVE TRAP (I.E. SEEDING FOR SLOPES, AND STONE FOR PAVED AREAS). (WEEK 8)
 - AFTER AUTHORIZATION BY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT TRAP, INSTALL INLET #1, AND INLET PROTECTION AND BACKFILL WITH SELECT FILL. (WEEK 9)
 - PAVE PARKING LOT. (WEEK 9)
 - APPLY PERMANENT STABILIZATION FOR THE REMAINING AREAS. (WEEK 9)
 - REMOVE ALL SEDIMENT CONTROL MEASURES AT THE DIRECTION OF AN AUTHORIZED SEDIMENT CONTROL INSPECTOR. (WEEK 10)
 - STABILIZE THE AREA DISTURBED AS A RESULT OF SEDIMENT CONTROL REMOVAL.

ENGINEER'S CERTIFICATE

"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 County Conservation District."

Date _____

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and/or construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD."

Signature of Developer/Builder: Karen M. Mark Date: 10-30-91

Reviewed for: HOWARD S.C.D.
Name and meets Technical Requirements.
Signature of Soil Conservation Service: Janice M. Fisher Date: 5/29/92

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

Signature: [Signature] Date: 5/29/92



APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Signature: [Signature] Date: 6-16-92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Signature: [Signature] Date: 6/23/92

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS AND PUBLIC ROADS
HOWARD CO. DEPT. OF PUBLIC WORKS
Signature: [Signature] Date: 6/5/92

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE: 12 May 92

SEDIMENT TRAP #1-DATA

SEDIMENT TRAP DEWATERING DEVICE	
DRAINAGE AREA:	1.37 ACRES
REQUIRED STORAGE:	2466 CU.FT.
PROVIDED STORAGE:	2486 CU.FT.
BOTTOM ELEVATION:	387.5
TOP OF EMBANKMENT:	393.0
CLEANOUT ELEVATION:	389.25
BOTTOM DIMENSION:	33.0' X 16.0'

ESTIMATE OF SEDIMENT CONTROL DEVICES:

SEDIMENT TRAPS	22	C.Y.
SILT FENCE	710	L.F.
EARTH DIKES	610	L.F.
TEMPORARY SWALES	N/A	L.F.
S.C.E.	2	EA.

OWNER:
HOWARD RESEARCH & DEVELOPMENT LAND COMPANY
THE ROUSE BUILDING
10675 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
PHONE: 1-301-322-6038

FREDERICK WARD ASSOC., INC.
ENGINEERS ARCHITECTS SURVEYORS
5 SOUTH MAIN STREET
BEL AIR, MARYLAND 21014
PHONE 301-638-7900 301-679-2090

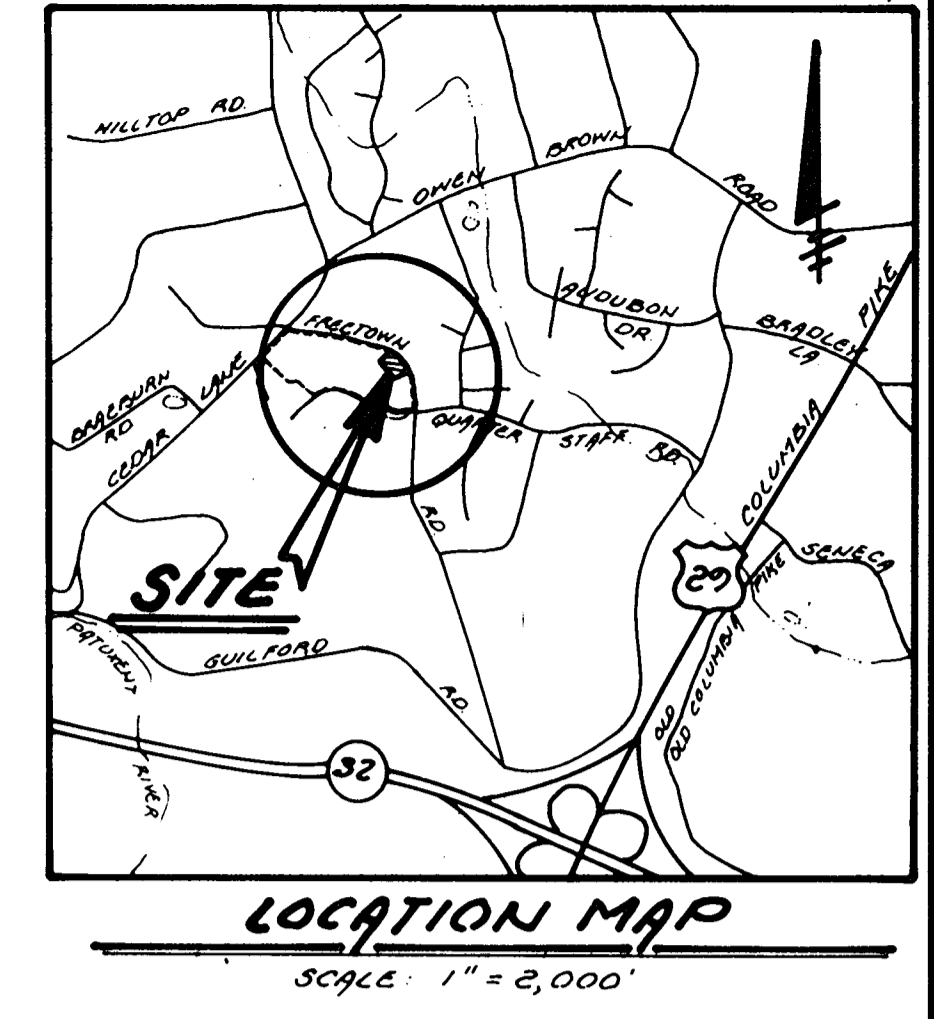
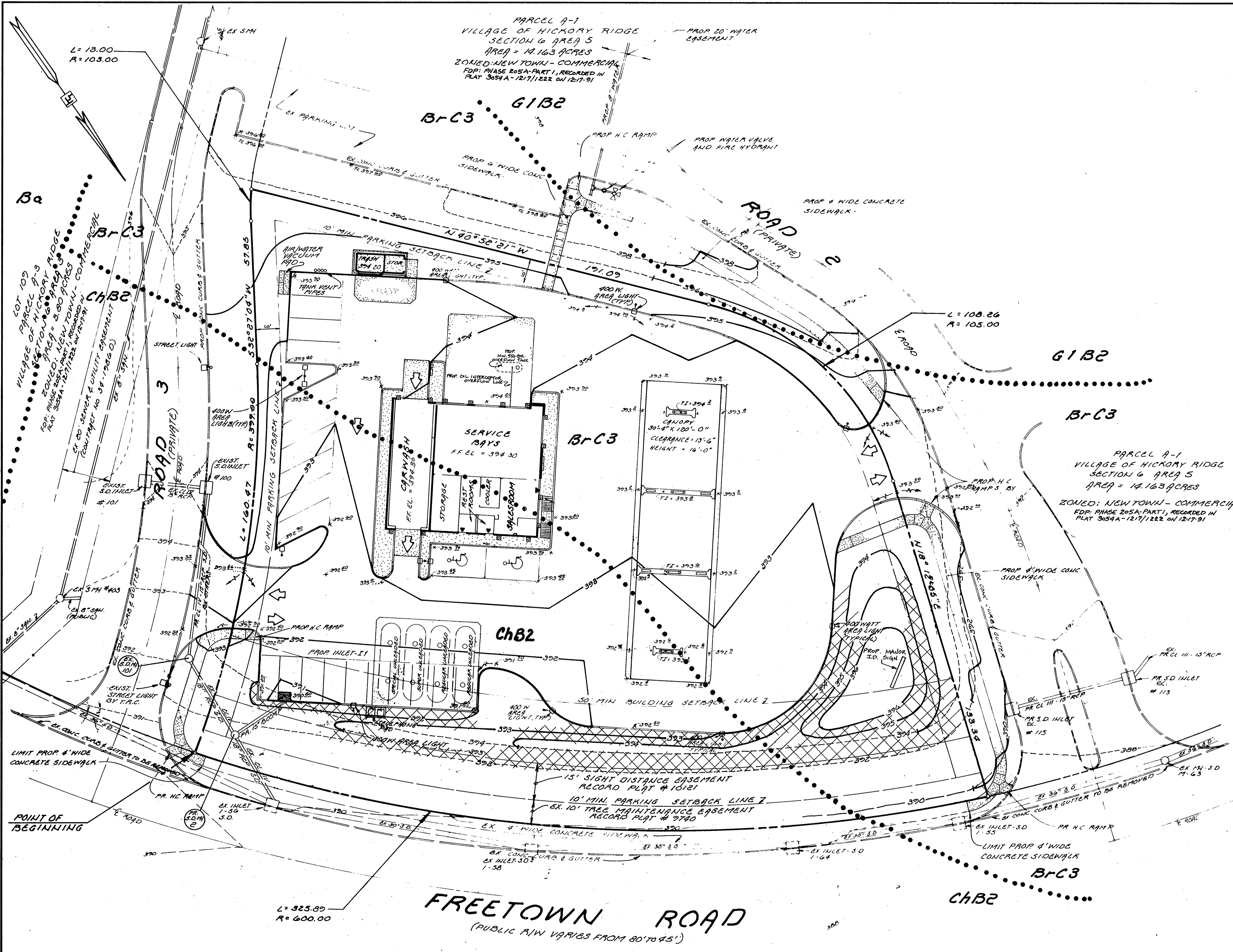
MOBIL STATION
SEDIMENT & EROSION CONTROL PLAN
VILLAGE OF HICKORY RIDGE
SECTION: 6 AREA: 3 PARCEL: A-2
MAX APP: 55 PARCEL: MAP OF PARCEL 'A'
RECORD PLAT: 10120 CENSUS TRACT: 6056.00
WATER CODE: 609 SEWER CODE: 6580000
5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

DATE: 12/1/91
REVISIONS: 1. REVISED PER HOWARD COUNTY REVIEW 12/1/91 ASB TRAF
2. REVISED PER HOWARD COUNTY REVIEW 12/1/91 ASB TRAF
3. REVISED PER H.C. S.C.D. REVIEW 3-26-92 ASB TRAF
DATE: 10-1-91

DRAWN: M.D.S.
CHECKED: J.E.M.
SCALE: 1"=200'
DATE: 10-1-91

DRIVING NUMBER: 91074-01
SHEET NUMBER: 5 OF 7

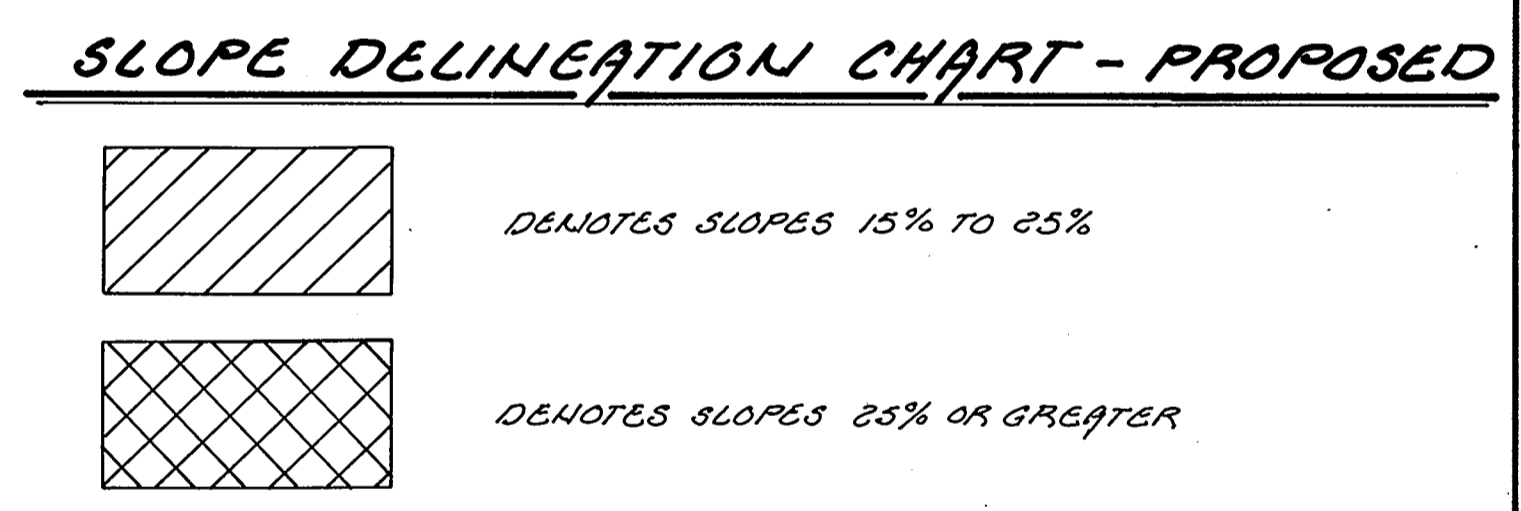
Mobil Oil Corporation
U.S. Marketing & Refining Division
Marketing Operations Engineering Department
Fairfax, Virginia 22037



SOILS INFORMATION CHART

SYMBOL	DESCRIPTION	GROUP	CHARACTERISTICS
Ba	BAILE SILT LOAM	D	UPLAND DEPRESSIONS POORLY DRAINED - LEVEL SOILS DOMINANTLY GRAY SOILS HIGH AVAILABLE MOISTURE CAPACITY
Br-C3	BRANDYWINE LOAM	C	EXCESSIVELY DRAINED, GENTLY SLOPING TO VERY STEEP SOILS SEVERELY ERODED LOW AVAILABLE MOISTURE CAPACITY
ChB2	CHESTER SILT LOAM	B	DEEP, WELL DRAINED SOILS LEVEL TO STEEP SOILS MODERATELY ERODED HIGH AVAILABLE MOISTURE CAPACITY
G1B2	GLENELG LOAM	B	DEEP, WELL DRAINED SOILS NEARLY LEVEL TO STEEP SOILS MODERATELY ERODED HIGH AVAILABLE MOISTURE CAPACITY

HOWARD COUNTY, MD - SOIL SURVEY - SOILS MAP - SHEET 24



APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
[Signature] 6-16-92
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DIRECTOR
[Signature] 6/23/92
DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD CO. DEPT. OF PUBLIC WORKS
DIRECTOR
[Signature] 6-5-92
DATE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12 May 90

OWNER:
HOWARD RESEARCH & DEVELOPMENT
LAND COMPANY
THE ROUSE BUILDING
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
PHONE: 1-301-322-6038

ENGINEERS ARCHITECTS SURVEYORS
FREDERICK WARD ASSOC., INC.
3 SOUTH MAIN STREET
BEL AIR, MARYLAND 21014
PHONE 301-838-7900 301-879-2080

MOBIL STATION
SOILS MAP - PLAN
VILLAGE OF HICKORY RIDGE

SECTION: 6 AREA: 3 PARCEL: 9-2
TAX MAP: 55 PARCEL: PART OF PARCEL 9
RECORD PLAT: # 10120 CENSUS TRACT: # 6036.00
WATER CODE: # 829 SEWER CODE: # 6580000
5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

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DATE: 05-17-90
SCALE: 1" = 2,000'

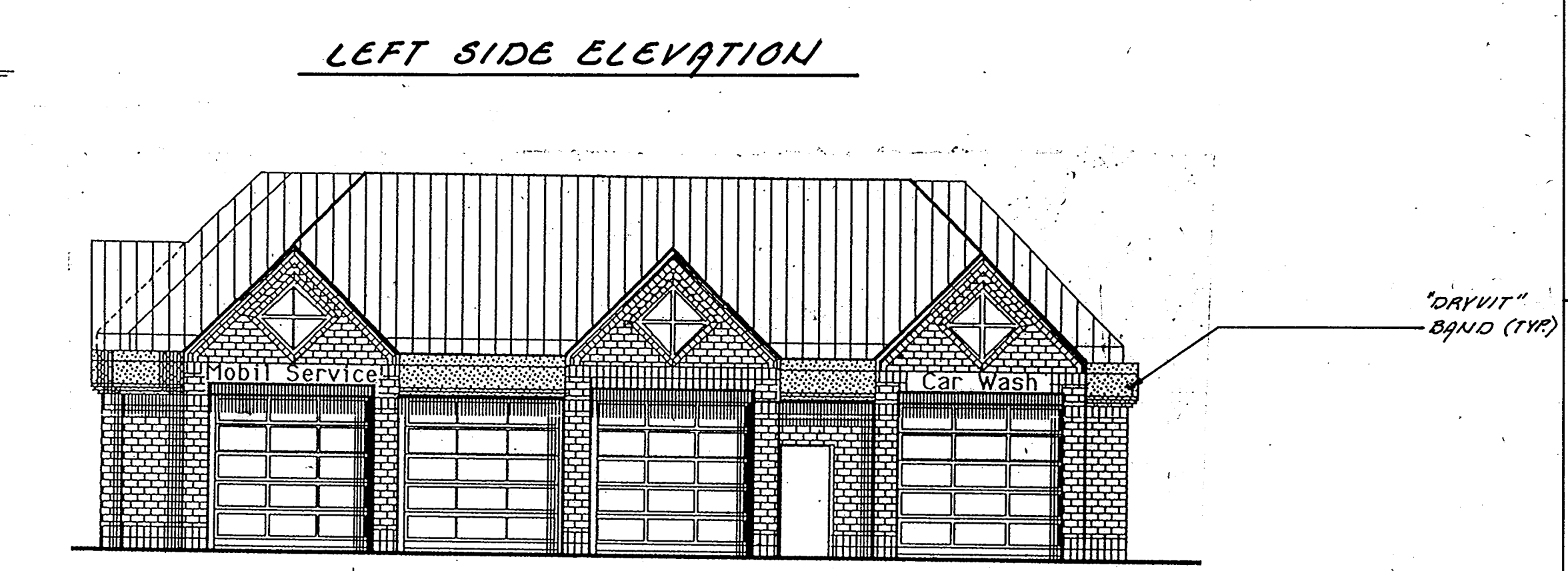
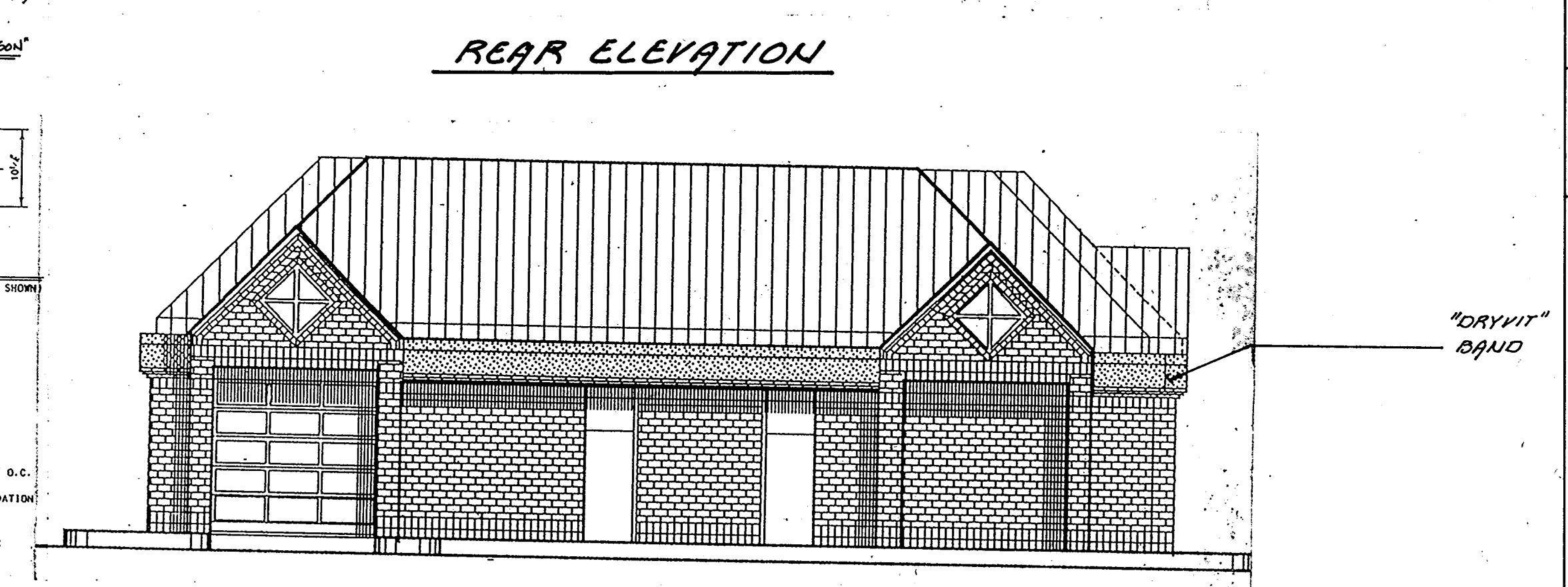
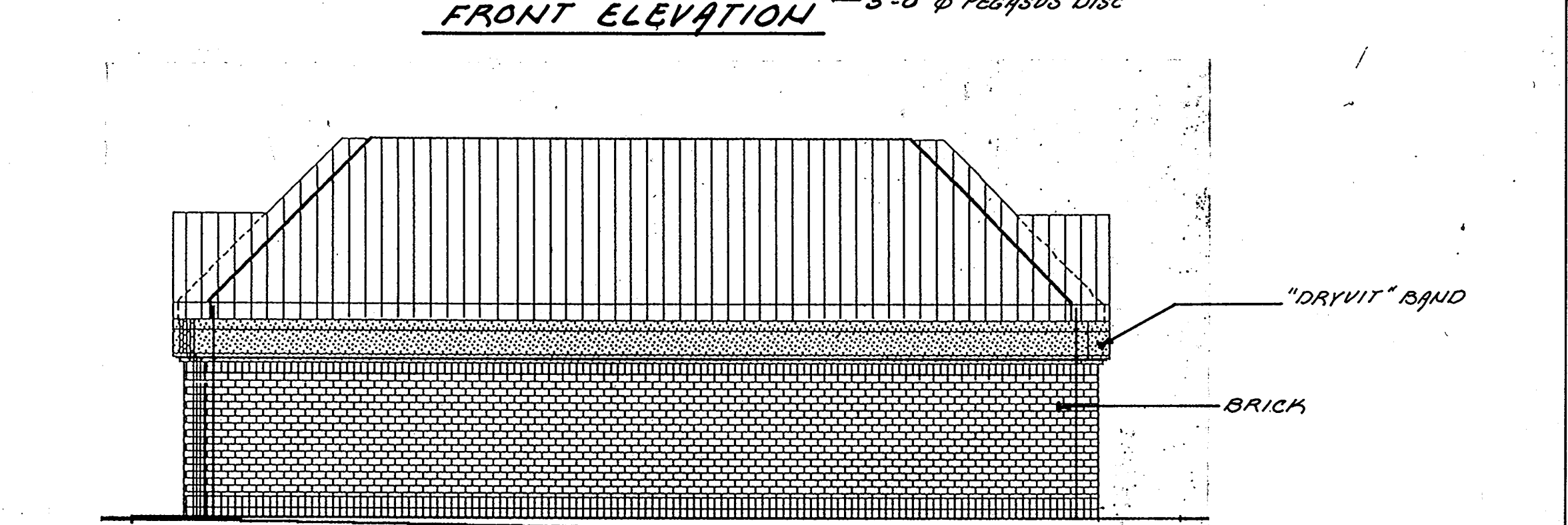
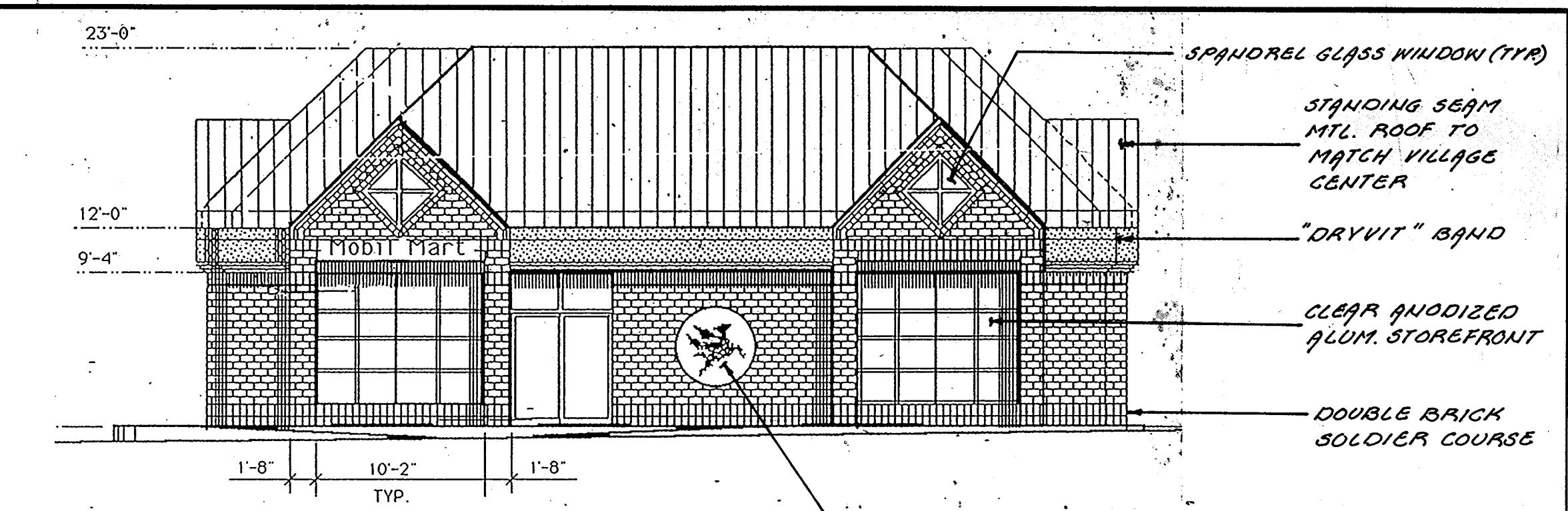
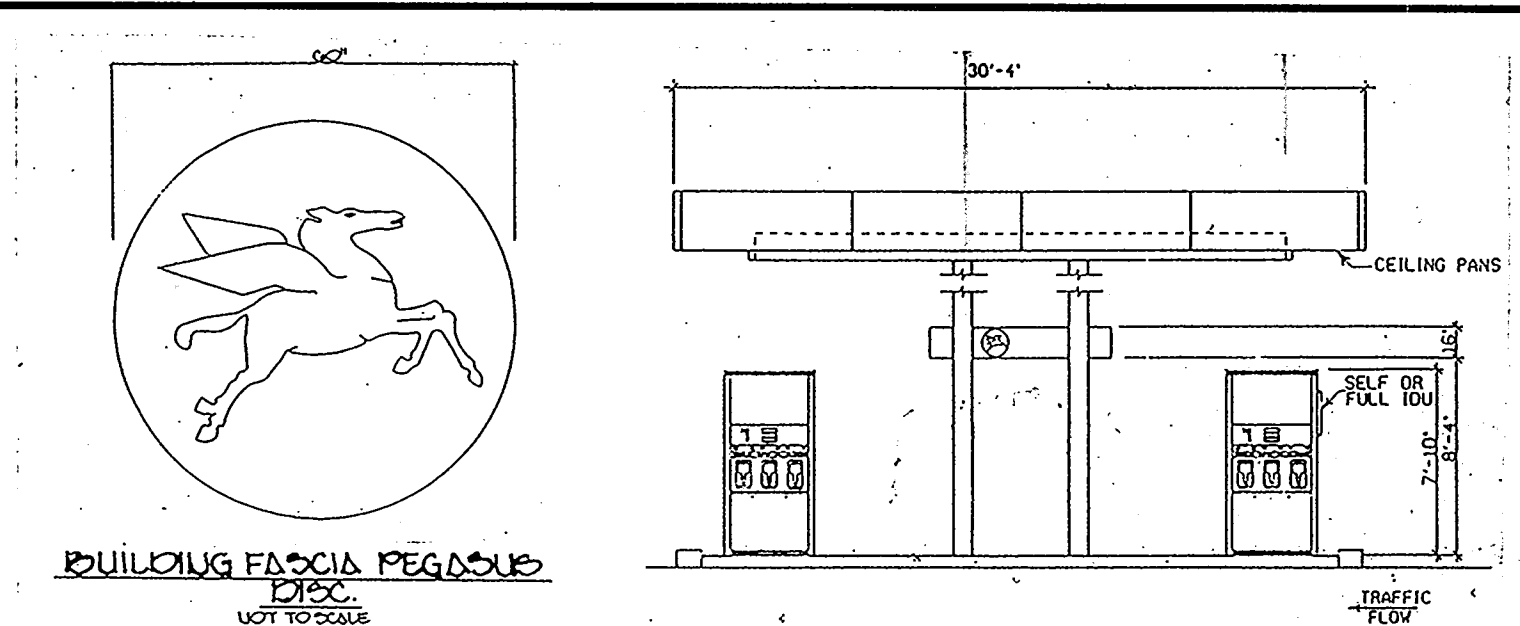
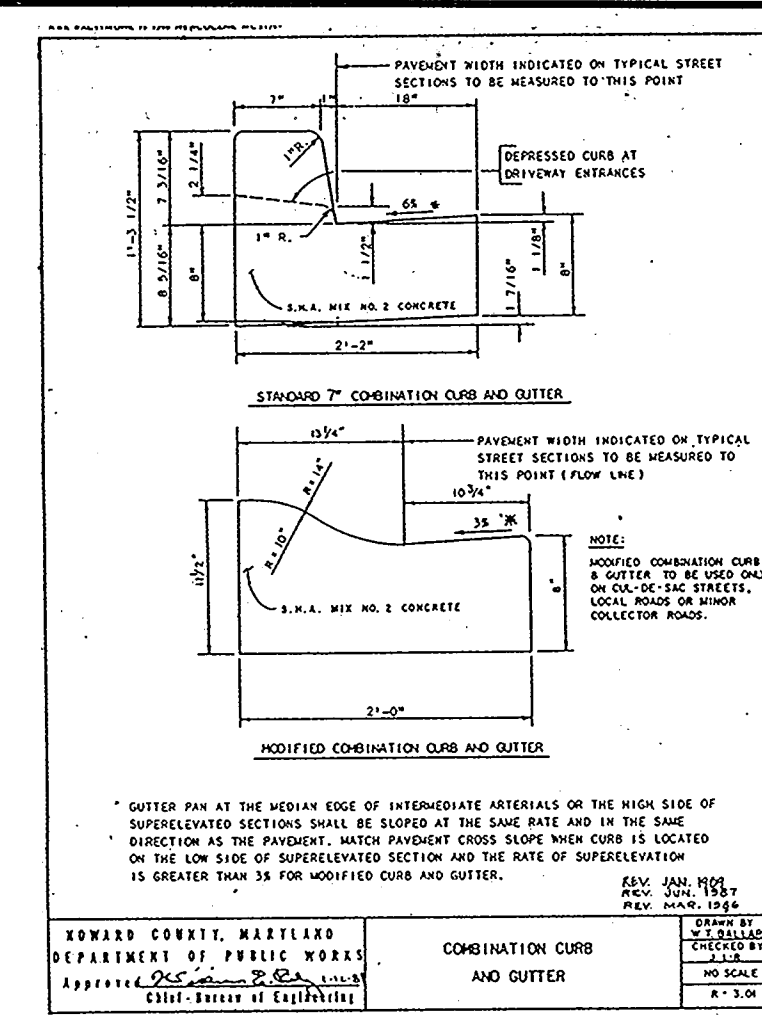
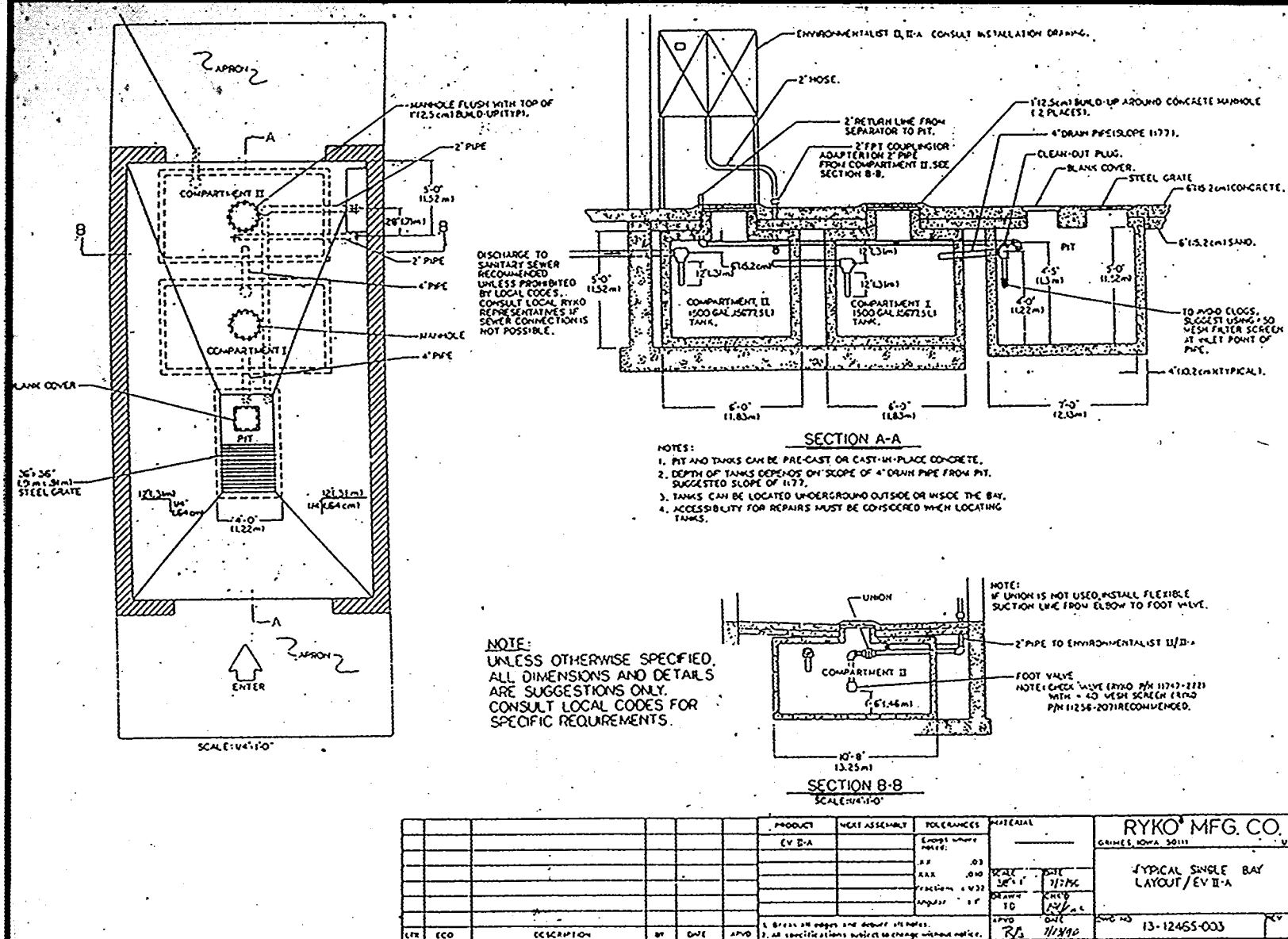
DRAWN BY: J.C.S.
CHECKED BY: J.C.S.
DATE: 05-17-90

REVISED FOR HOWARD COUNTY REVIEW 05/22/92 J.C.S. JEM
REVISED FOR ARCHITECTURAL REVIEW 05/26/92 J.C.S. JEM
SCALE 1/2" = 100'
5. REV. BY: J.C.S., C.C. CONWAY
DATE: 05-17-90

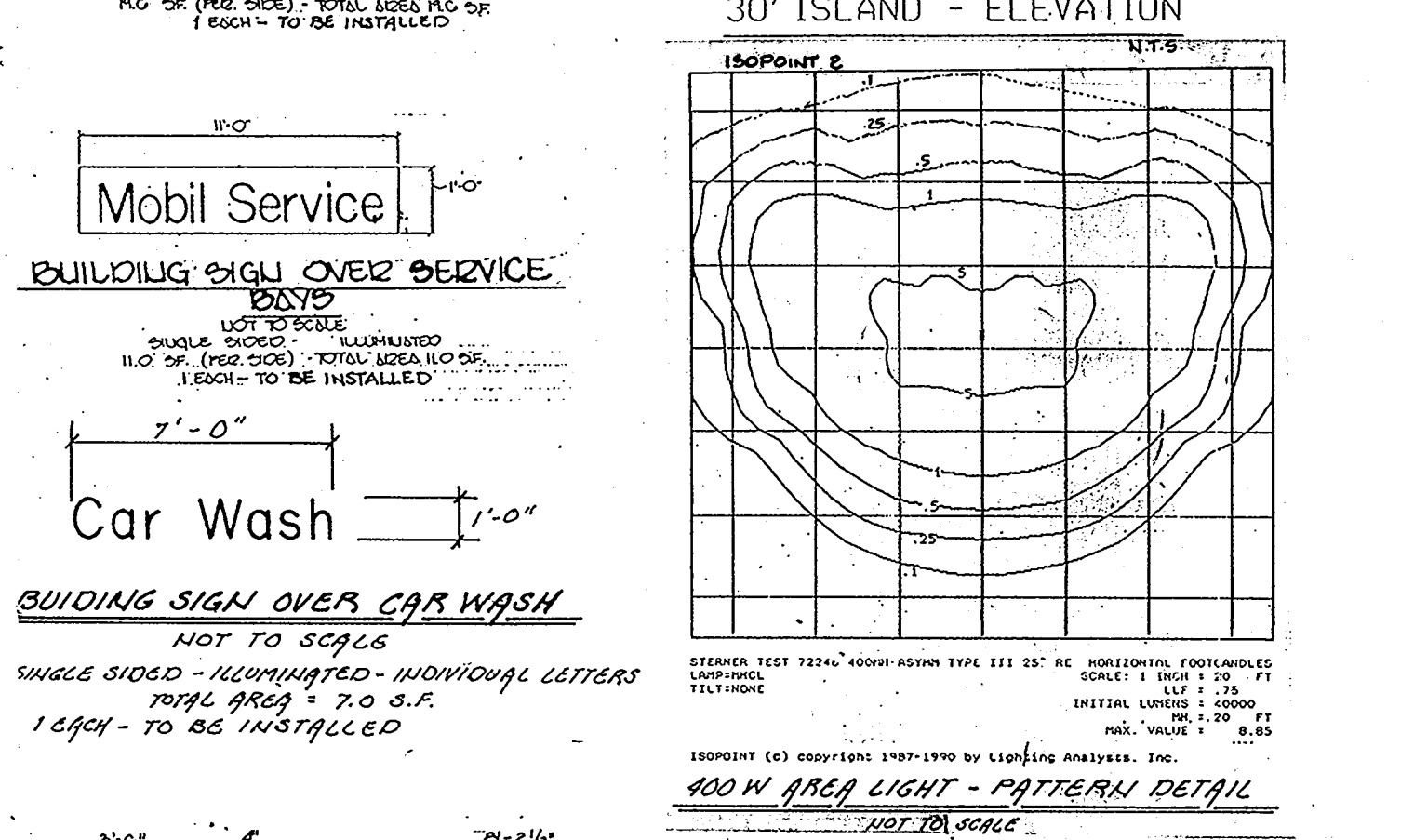
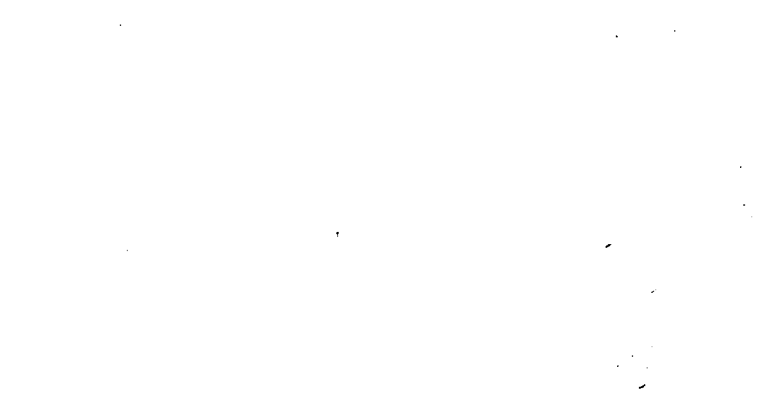
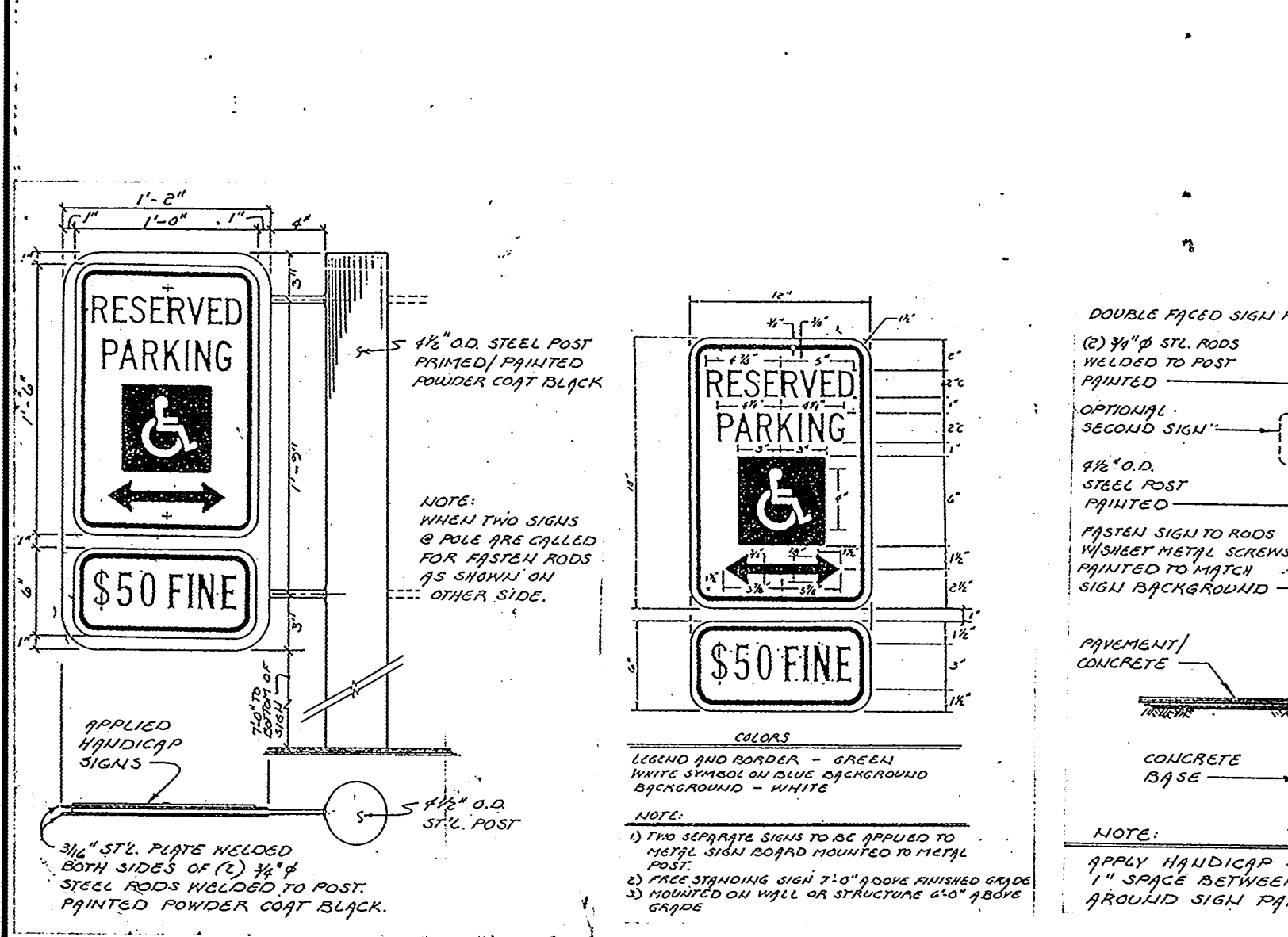
MOBIL Oil Corporation
U.S. Marketing & Refining Division
Marketing Operations Engineering Department
Fairfax, Virginia 22037

DRAWING NUMBER: 9107A-01
SHEET NUMBER: 4 OF 7

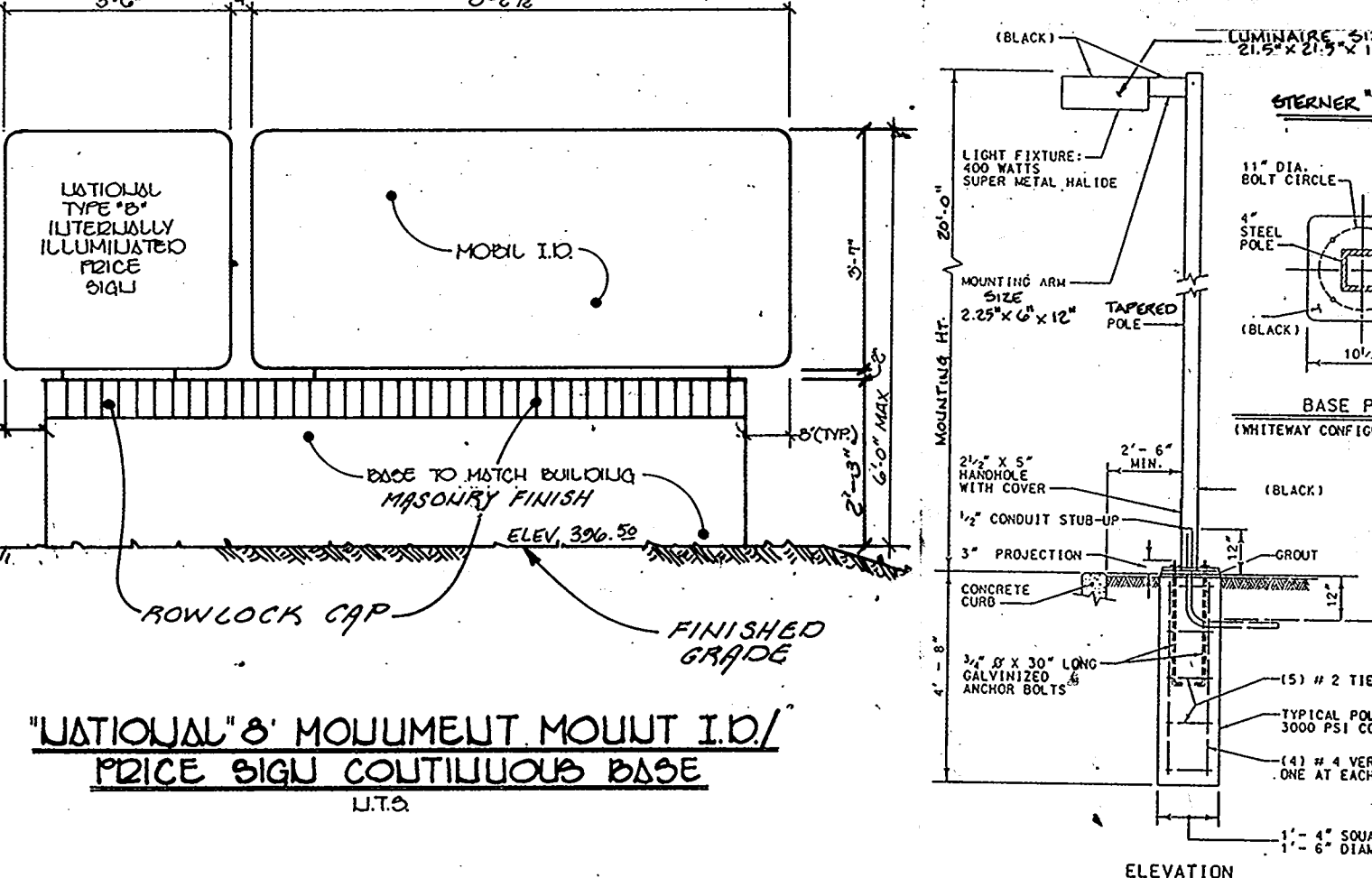
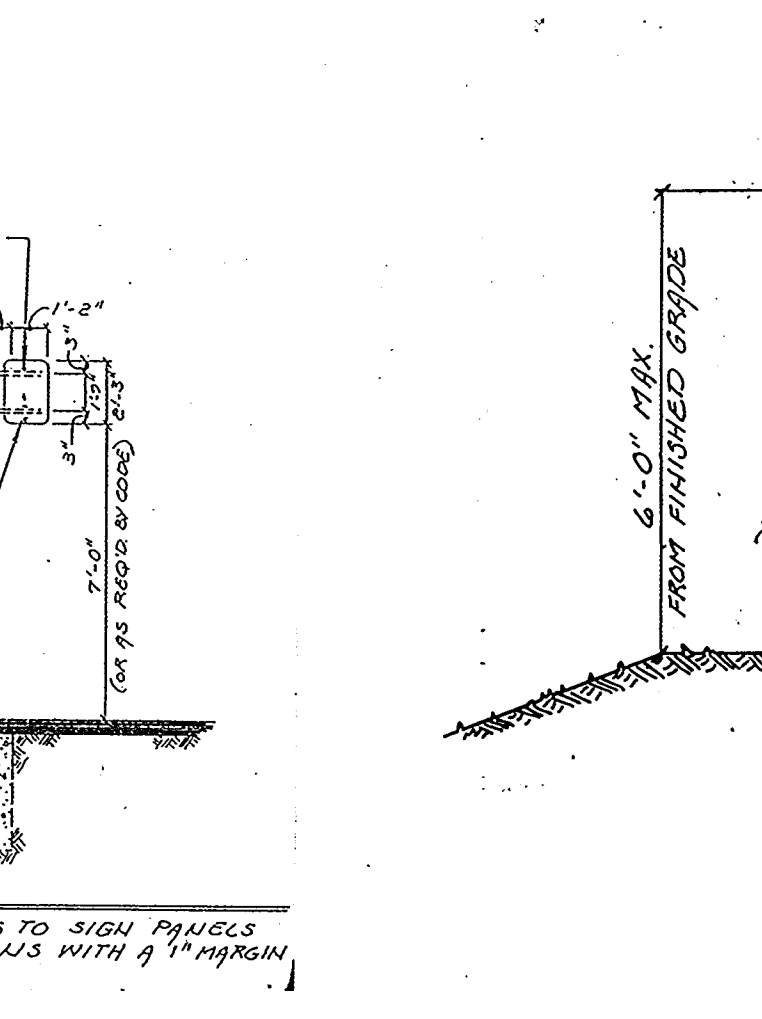
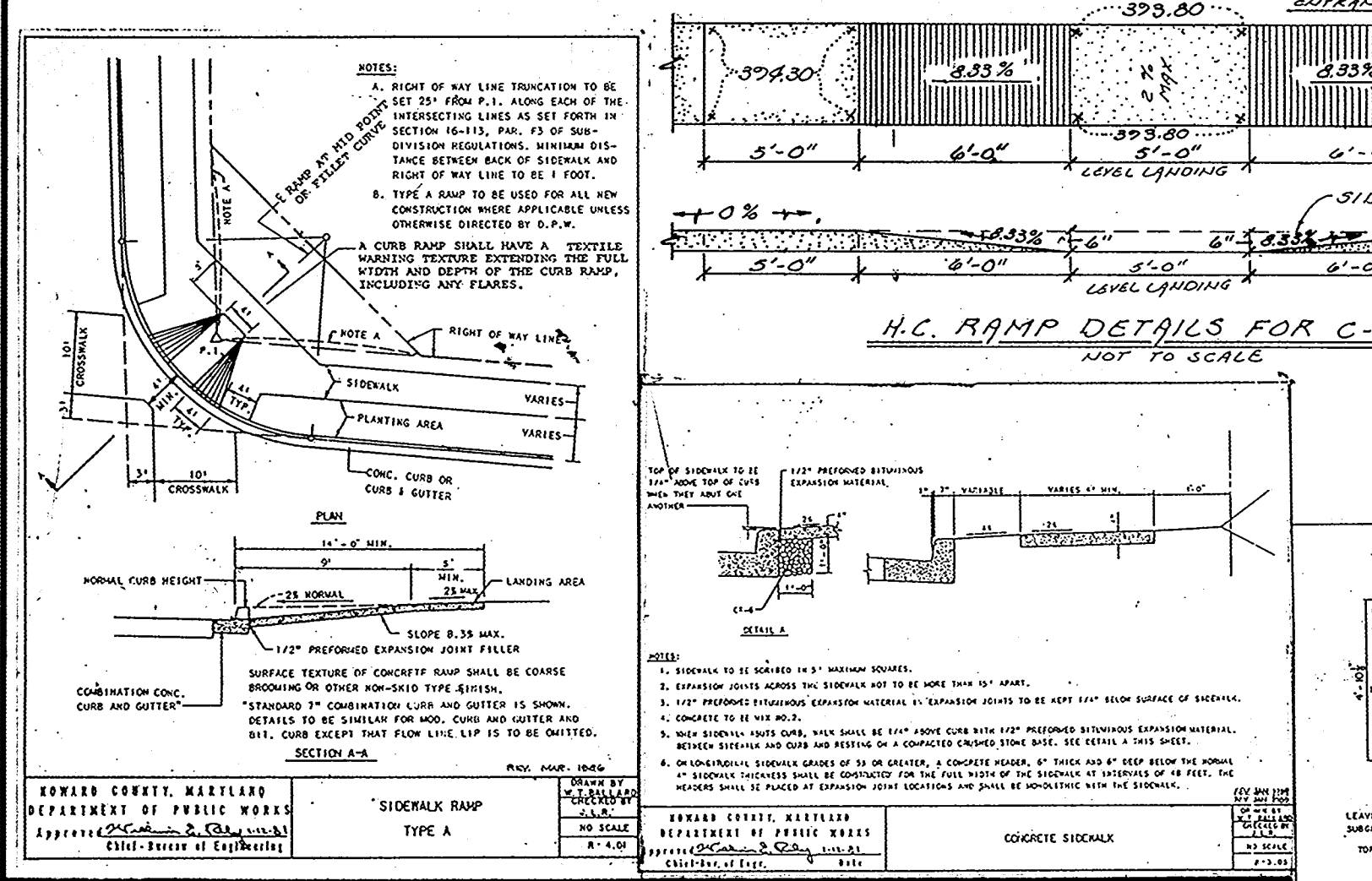
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SDP-92-51



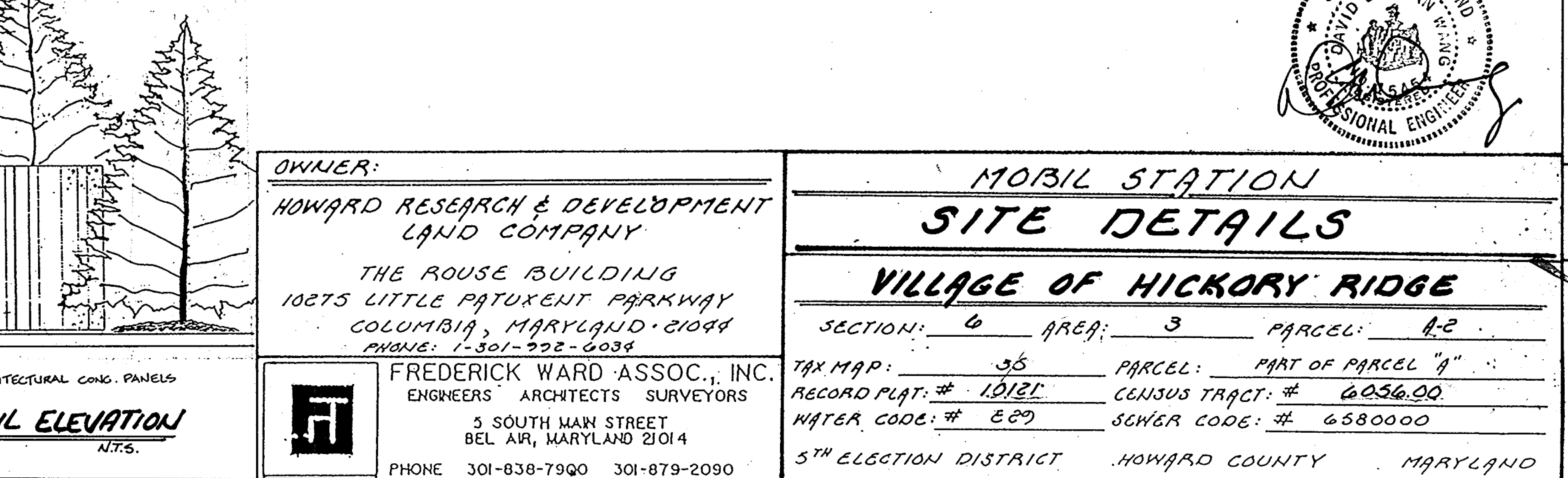
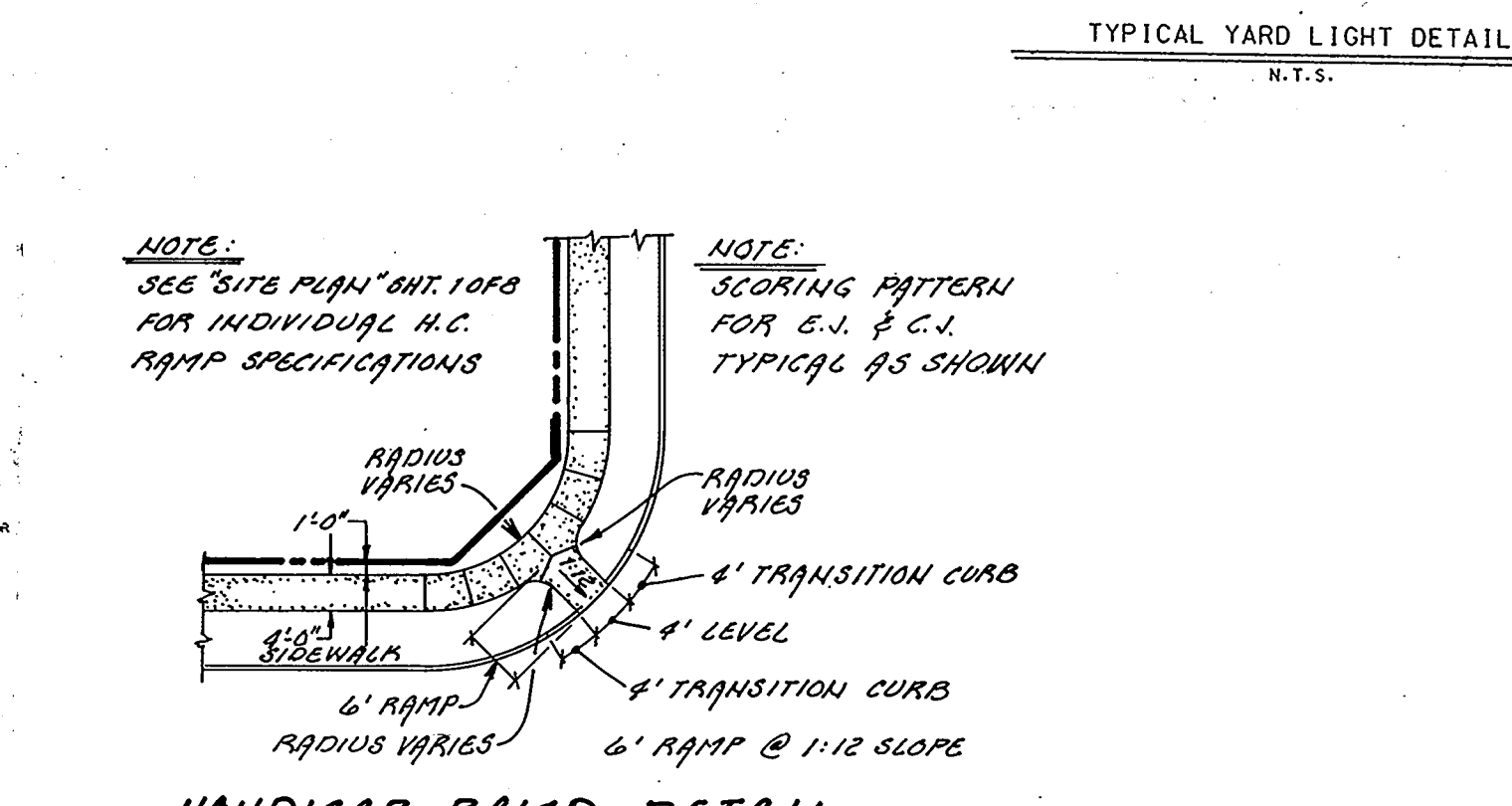
CAR WASH RECYCLING SYSTEM
NOT TO SCALE



HANDICAP SIGN DETAILS
NOT TO SCALE



C-STORE / 3 BAY SERVICE STATION / CAR WASH DETAILS
NOT TO SCALE

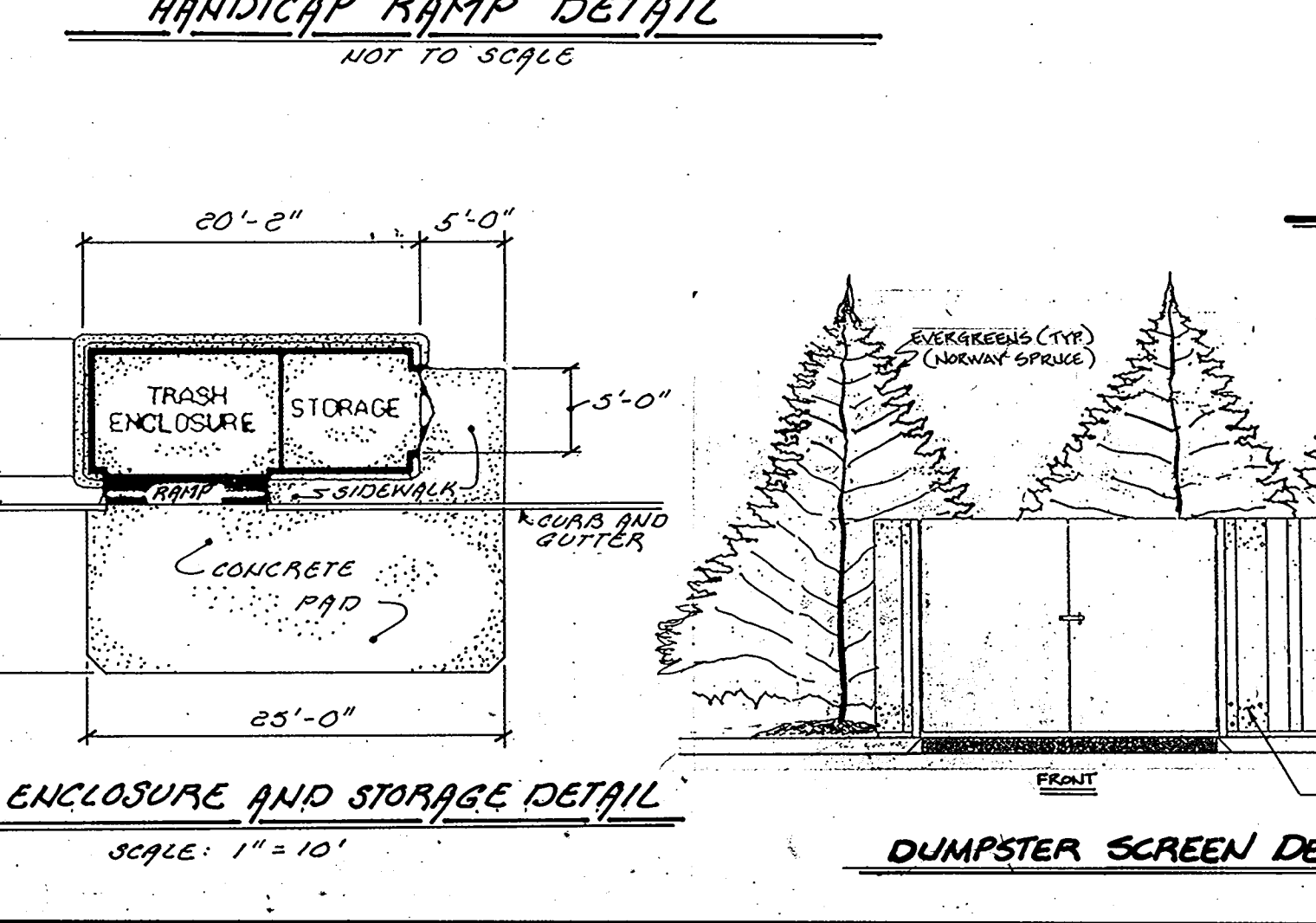
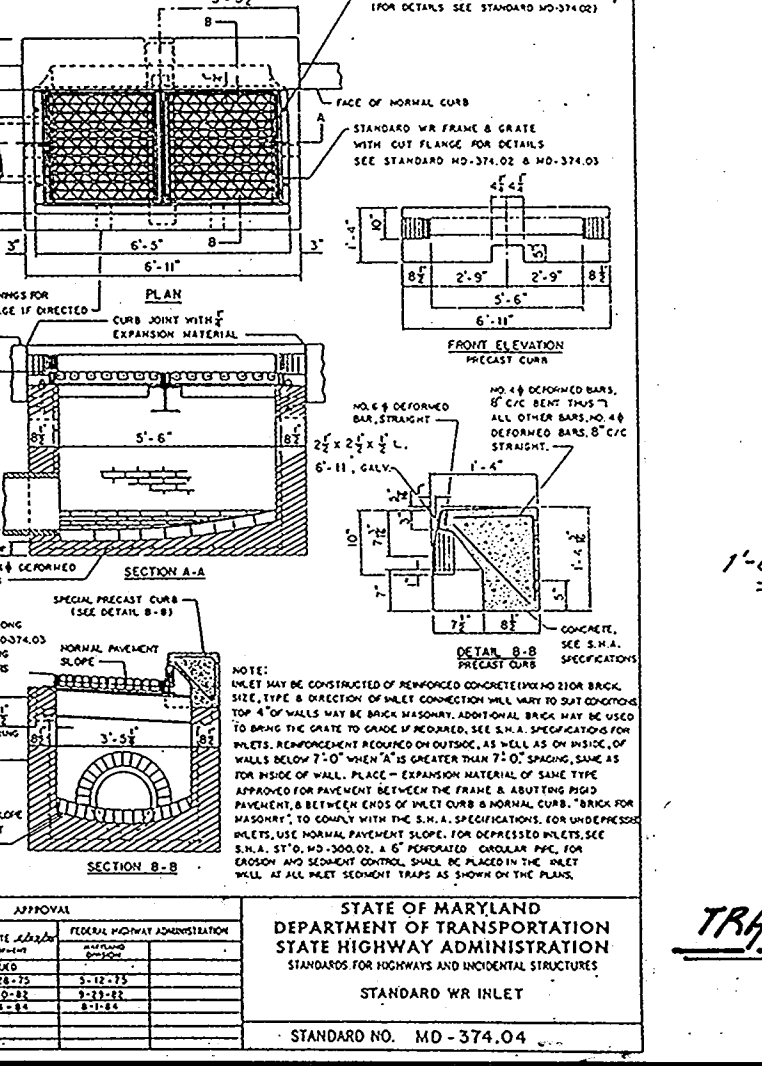


APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 6-16-92

APPROVED FOR PLANNING AND ZONING
HOWARD COUNTY DEPARTMENT OF PLANNING
DATE: 6/25/92

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE
HOWARD COUNTY DEPT. OF PUBLIC WORKS
DATE: 6-5-92

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE: 12 May 92



OWNER:
HOWARD RESEARCH & DEVELOPMENT
LAND COMPANY

THE ROUSE BUILDING
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21084
PHONE: 1-301-592-6038

FREDERICK WARD ASSOC., INC.
ENGINEERS ARCHITECTS SURVEYORS
3 SOUTH MAIN STREET
BEL AIR, MARYLAND 21014
PHONE 301-838-7900 301-879-2090

Mobil Oil Corporation
U.S. Marketing & Refining Division
Marketing Operations Engineering Department
Fairfax, Virginia 22037

Mobil Station
SITE DETAILS
VILLAGE OF HICKORY RIDGE

SECTION: 6 AREA: 3 PARCEL: 42
TAX MAP: 35 PARCEL: PART OF PARCEL 4
RECORD PLAT: # 13181 CURVUS TRACT: # 6036-00
WATER CODE: # 887 SONGR CODE: # 6580000
5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

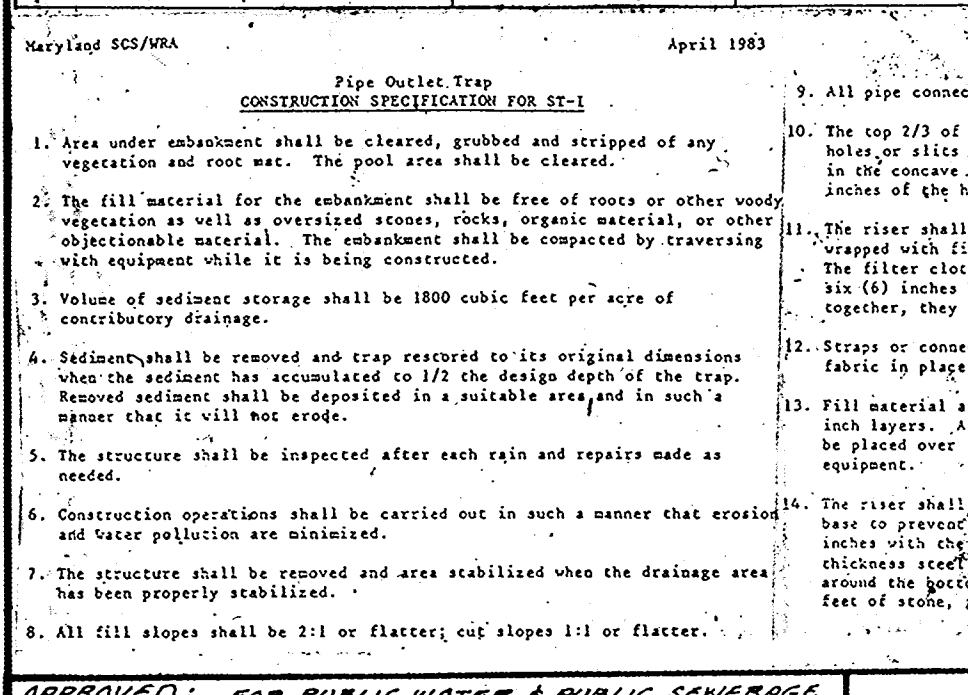
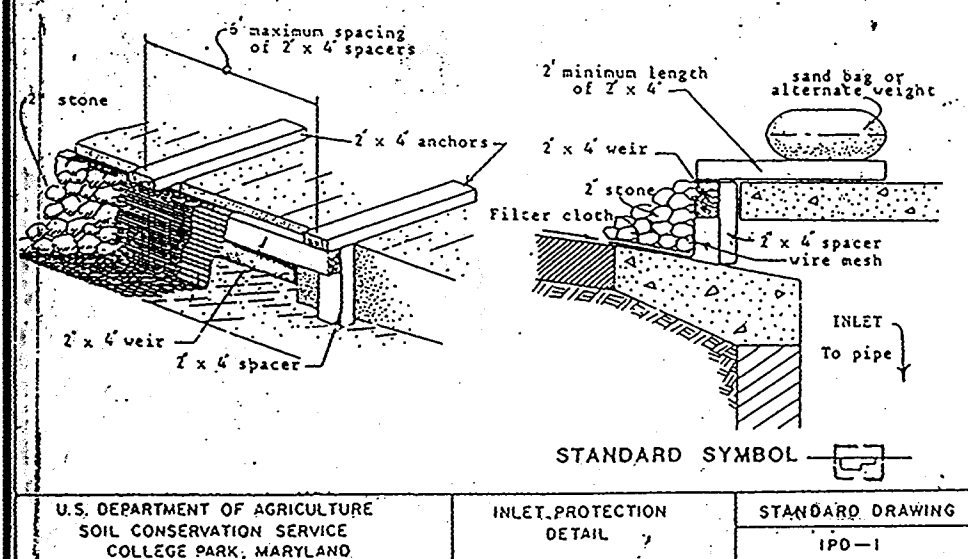
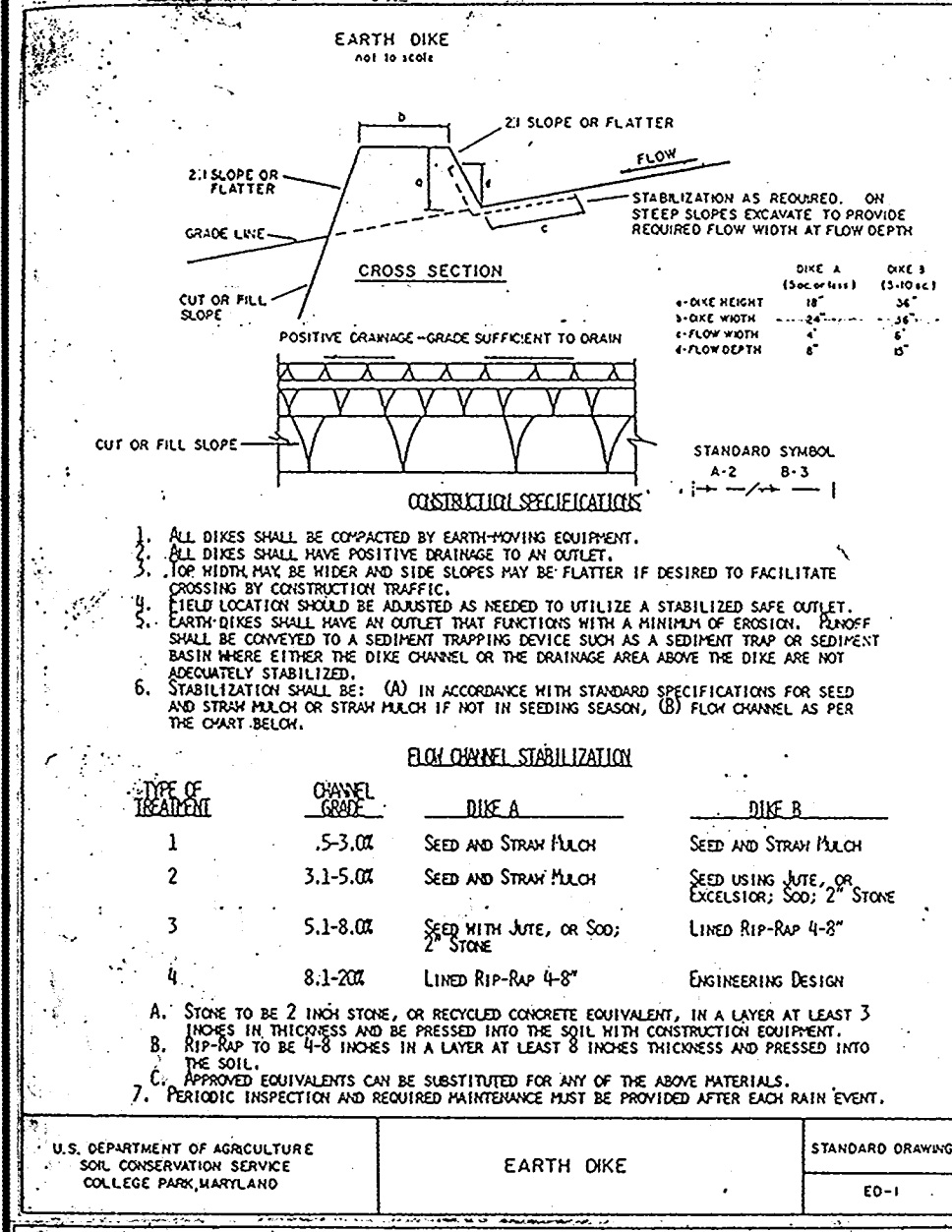
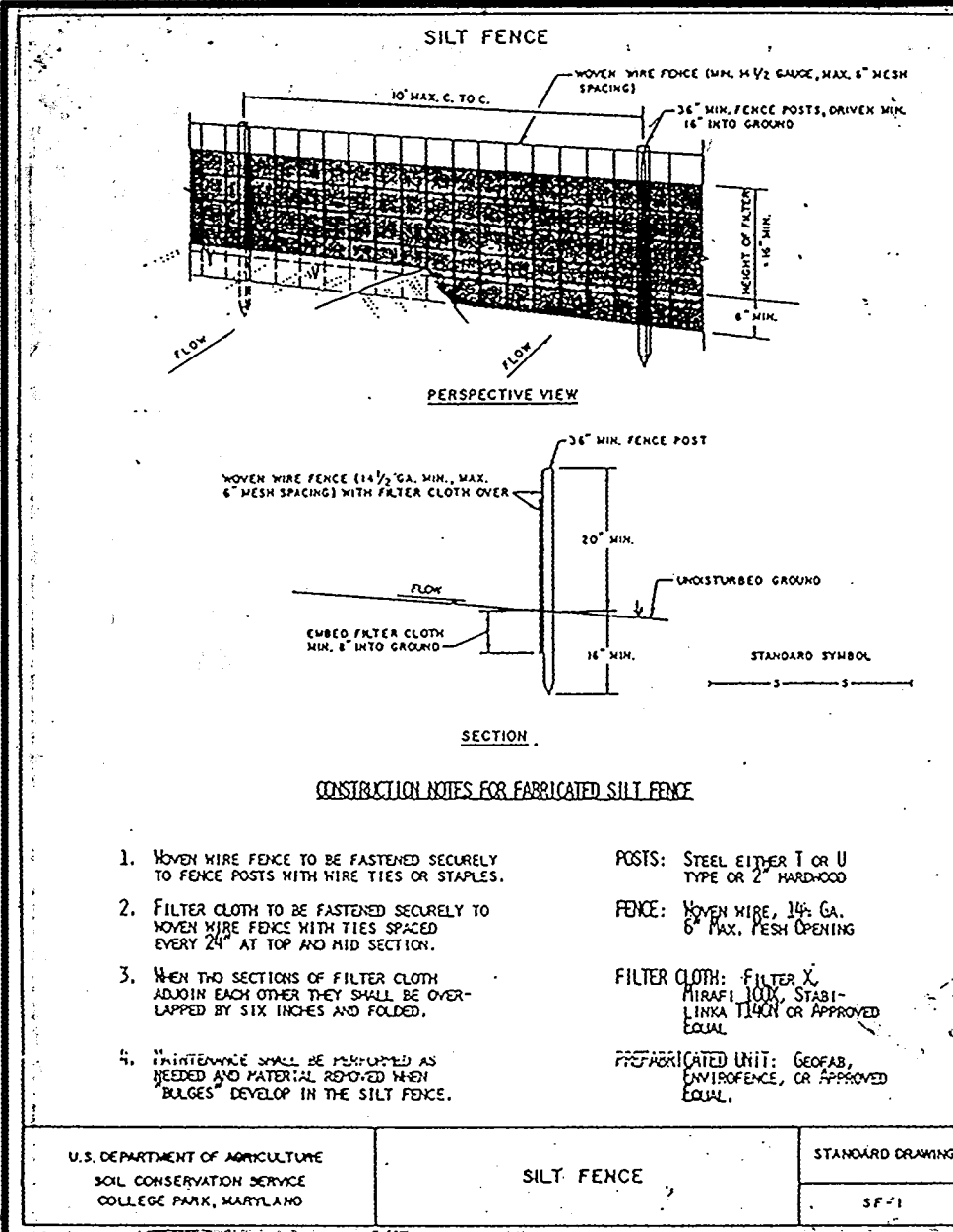
STATE OF MARYLAND
SHERMAN
PROFESSIONAL ENGINEER

DATE: 6-16-92
REVISIONS:
1. REVISED FOR HOWARD COUNTY REVIEW
2. REVISED FOR SHANNON REVIEW
3. REVISED FOR HOWARD COUNTY REVIEW
4. REVISED FOR HOWARD COUNTY REVIEW

SCALE: 1/4" = 1'-0"
DATE: 6-16-92

DRAWN: P.A.S.
CHECKED: T.H.E.
DATE: 6-16-92

TITLE SHEET SET UP - 6110.179JPF 90001 903 02-01-91 08:38 AM / MOBIL-1
SDP-92-51



APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE: 12 May 92

APPROVED: SOIL CONSERVATION SERVICE

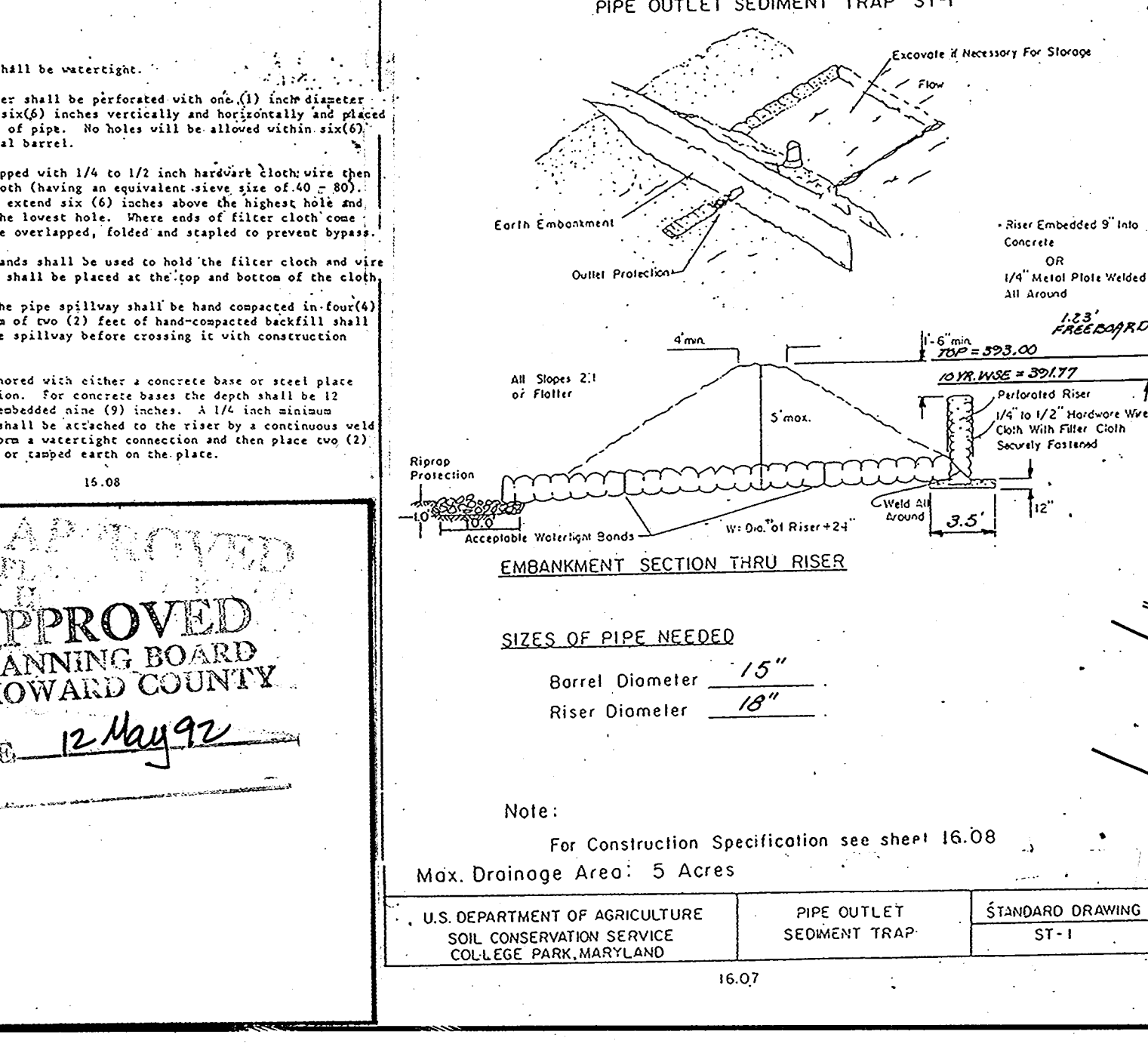
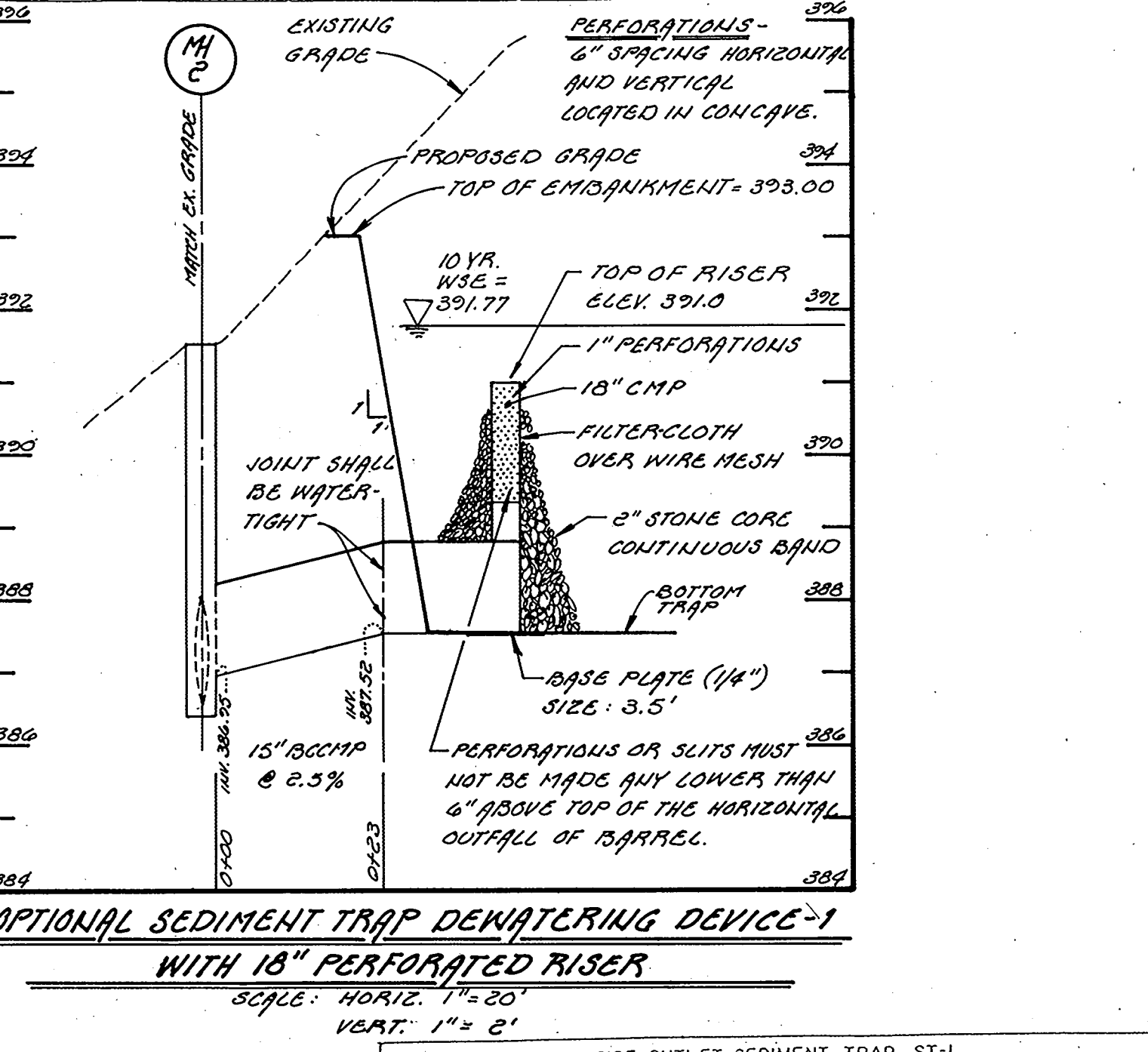
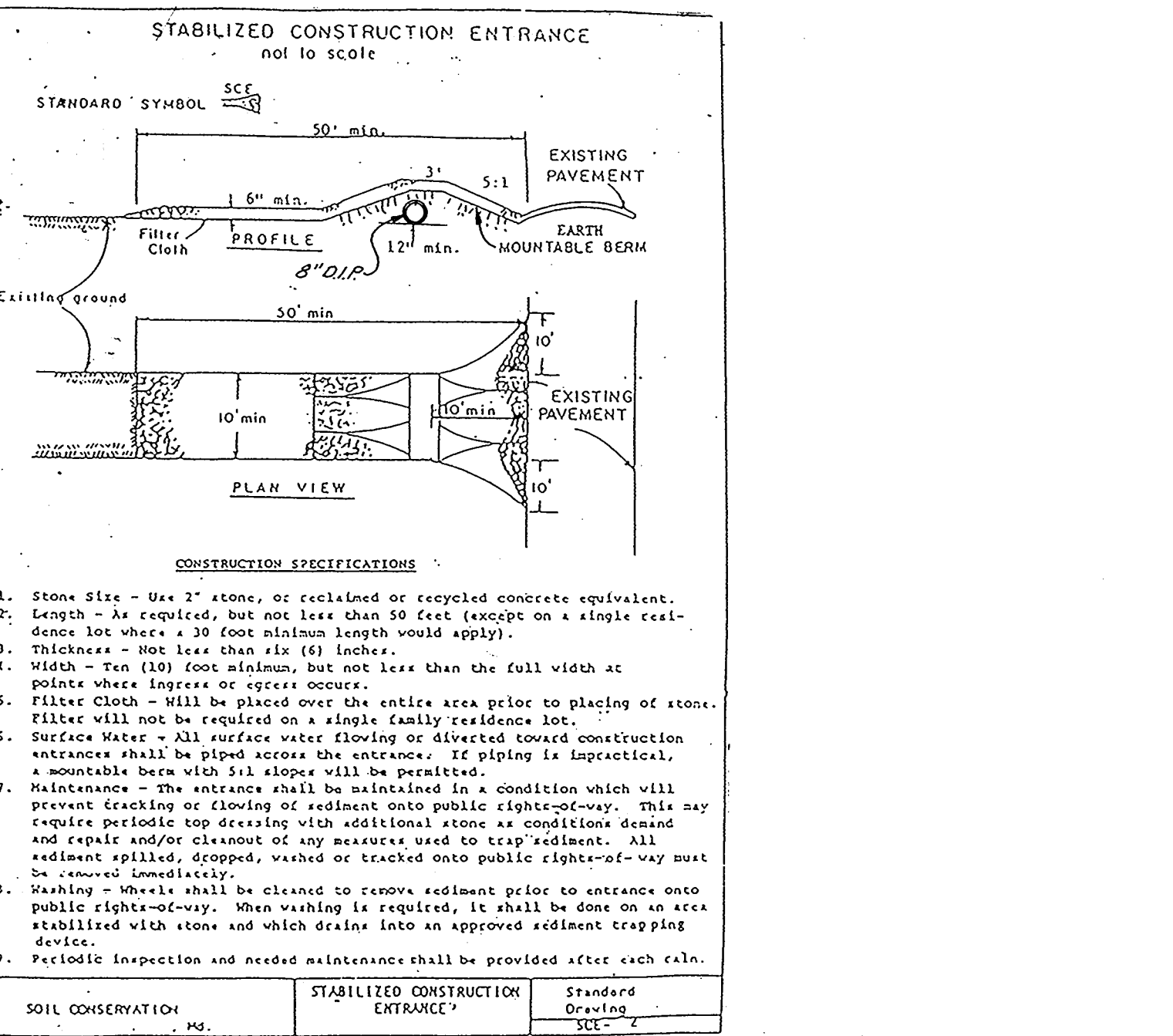
DATE: 6/23/92

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS

DATE: 6/23/92

STORM FREQUENCY ID YEAR, EXCEPT AS NOTED

LOCATION	AREA	ACRES	COEFF.	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	REMARKS
I-1	MH-2	7	1.20	0.6	2.40	5.0	5.0	7.0	5.40	15'	24'	23'	23'	

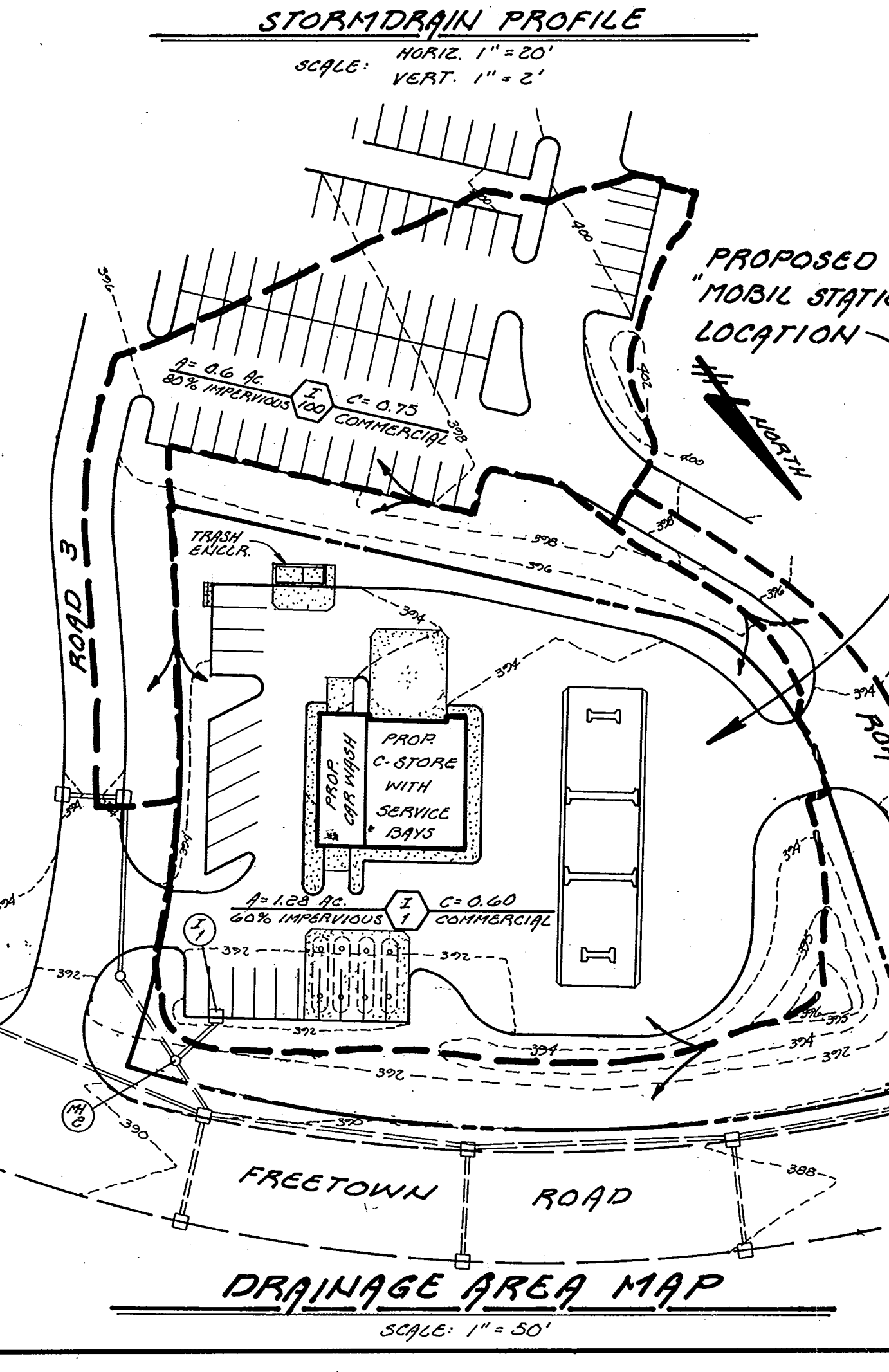
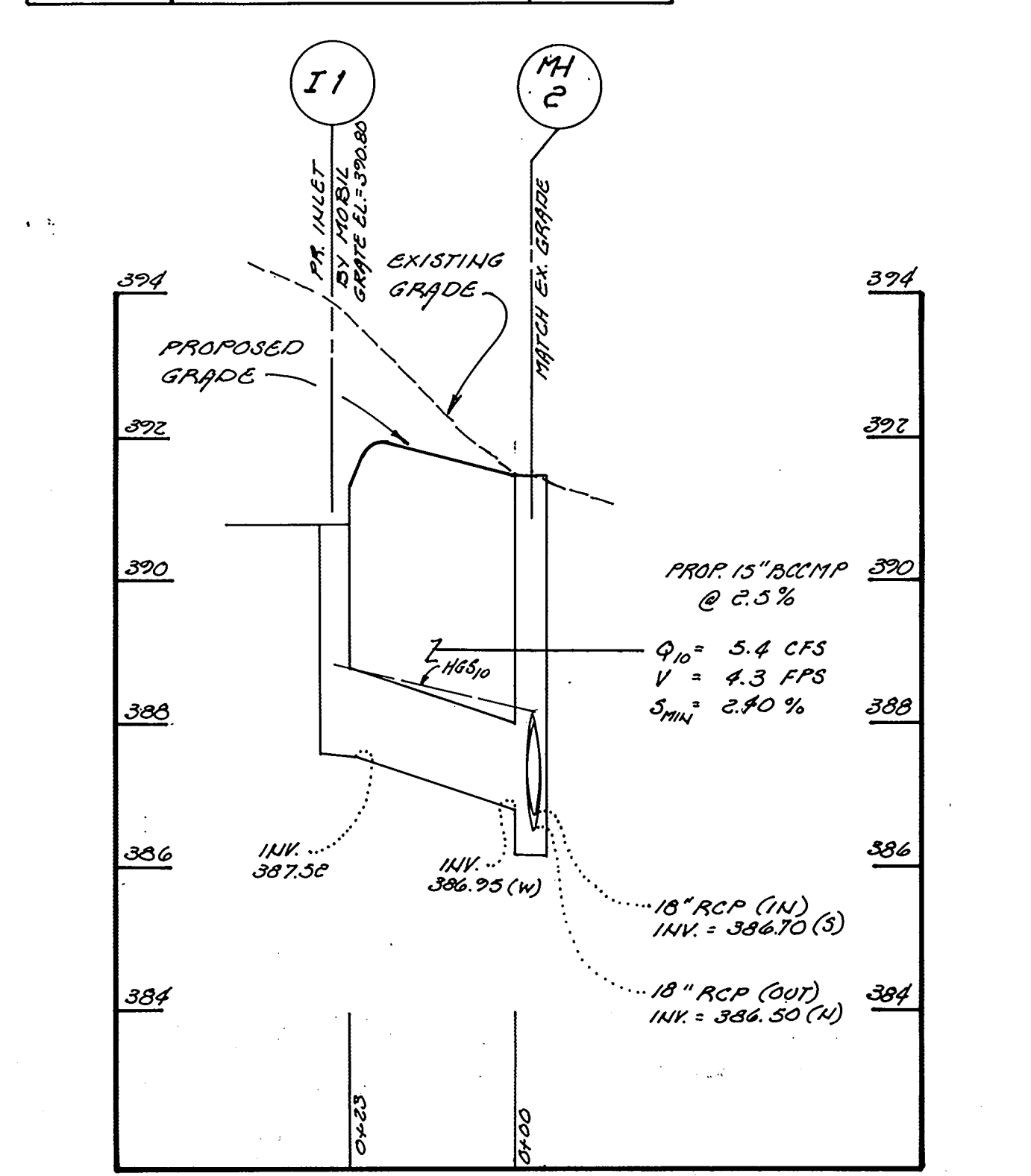


STRUCTURE SCHEDULE

STRUCTURE #	TYPE	TOP GRADE ELEV.	INVERT IN.	INVERT OUT.
I 1	WR INLET MD. 374.04	390.80	---	387.52
MH 2	STANDARD MANHOLE 6.5.01	TOP OF COVER	386.70 (S)	386.50 (R)

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	BCCMP 2 1/2" x 1/2" HELICAL CORRUGATIONS 16 GAUGE	23'



SEDIMENT CONTROL NOTES

1. A minimum of 24-hour notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (892-2437)
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 and 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), sod (Sec. 54), temporary seedings (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: 1.3744 Acres
Area Disturbed: 1.3744 Acres
Area to be roofed or paved: 0.8644 Acres
Area to be vegetatively stabilized: 0.51 Acres
Total Cut 3,230 Cu. Yds.
Total Fill 50 Cu. Yds.
Off-Site waste/borrow area location
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 control 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 area not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

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 square feet) and 600 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 (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 disc into upper three inches of soil.

OWNER:
HOWARD RESEARCH & DEVELOPMENT LAND COMPANY

THE ROUSE BUILDING
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
PHONE: 1-301-272-6088

FREDERICK WARD ASSOC., INC.
ENGINEERS ARCHITECTS SURVEYORS
5 SOUTH MAIN STREET
BEL AIR, MARYLAND 21014
PHONE 301-838-7900 301-879-2090

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, 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) Use sod; Option (3) Seed with 80 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 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gal 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 redistributed where a short-term vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

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 1 thru November 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.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 sod.

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 218 gal 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.

ENGINEER'S CERTIFICATE

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.

Signature: [Signature] Date: 10/30/91

DEVELOPER'S/BUILDER'S CERTIFICATE

I/we certify that all development and/or construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD.

Signature: Karen L. Mack Date: 10-30-91

THIS DEVELOPMENT PLAN IS APPROVED

SOIL, EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: [Signature] Date: 5/29/92

HOWARD, S.C.D.

MOBIL STATION

S.C.C. NOTES - DRAINAGE AREA MAP AND DETAIL PLAN

VILLAGE OF HICKORY RIDGE

SECTION: 6 AREA: 3 PARCEL: A-C

PARCEL: 55 PART OF PARCEL "A"

RECORD PLAT: # 10120 CONDUIT TRACT: # 6056.00

WATER CODE: # E29 SEWER CODE: # 6580000

3RD ELECTION DISTRICT HOWARD COUNTY MARYLAND

TITLE SHEET SET UP - 6110,1793PF, 90001 903 02-04-91 08:38 AM / MOBIL-1

SDR 93-51

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DATE: 10/30/91

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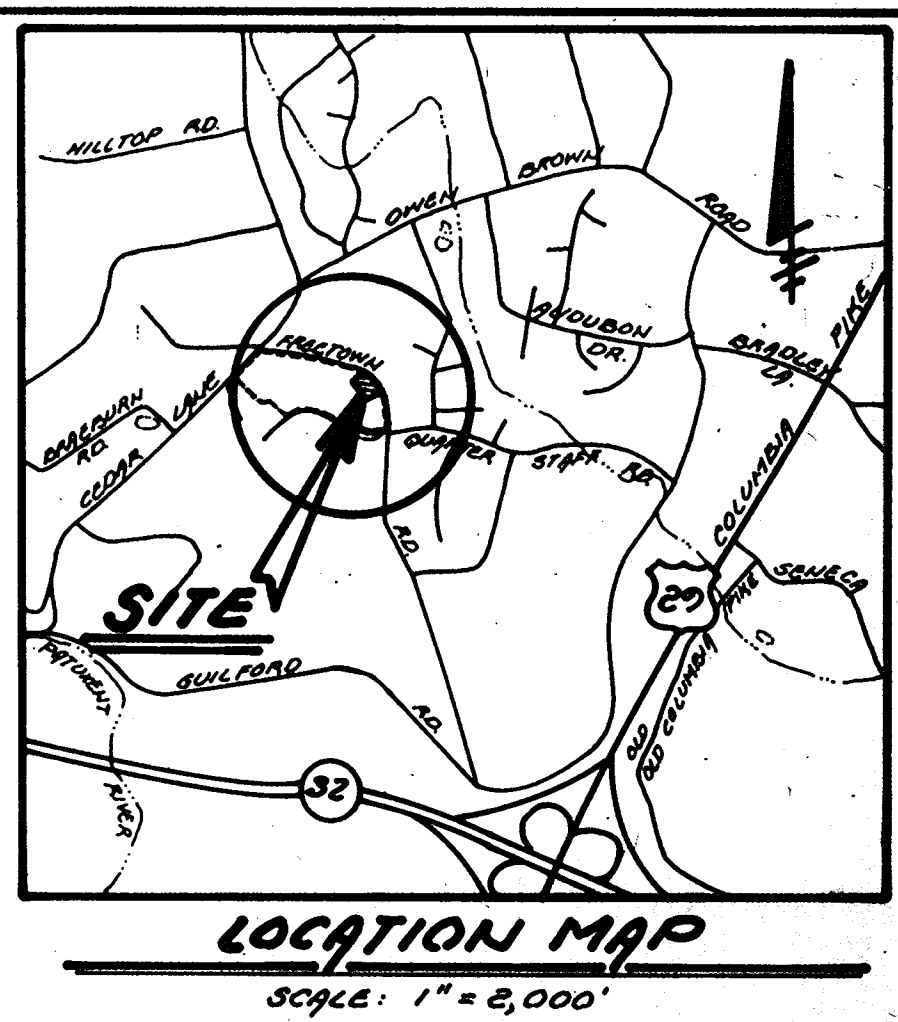
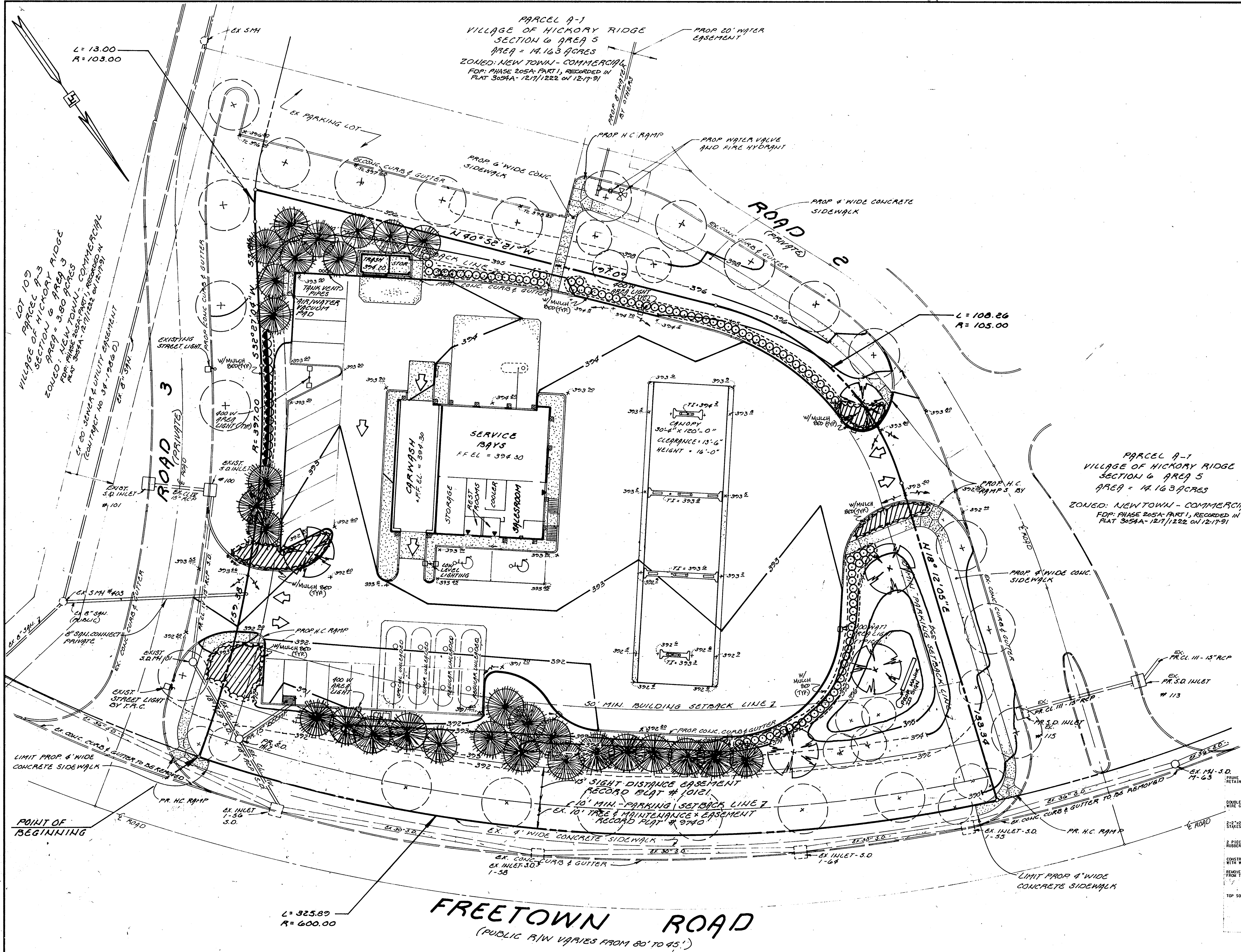
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CHECKED: J.M.H. DATE: 10-30-91

DESIGNED: J.A.S. DATE: 10-30-91

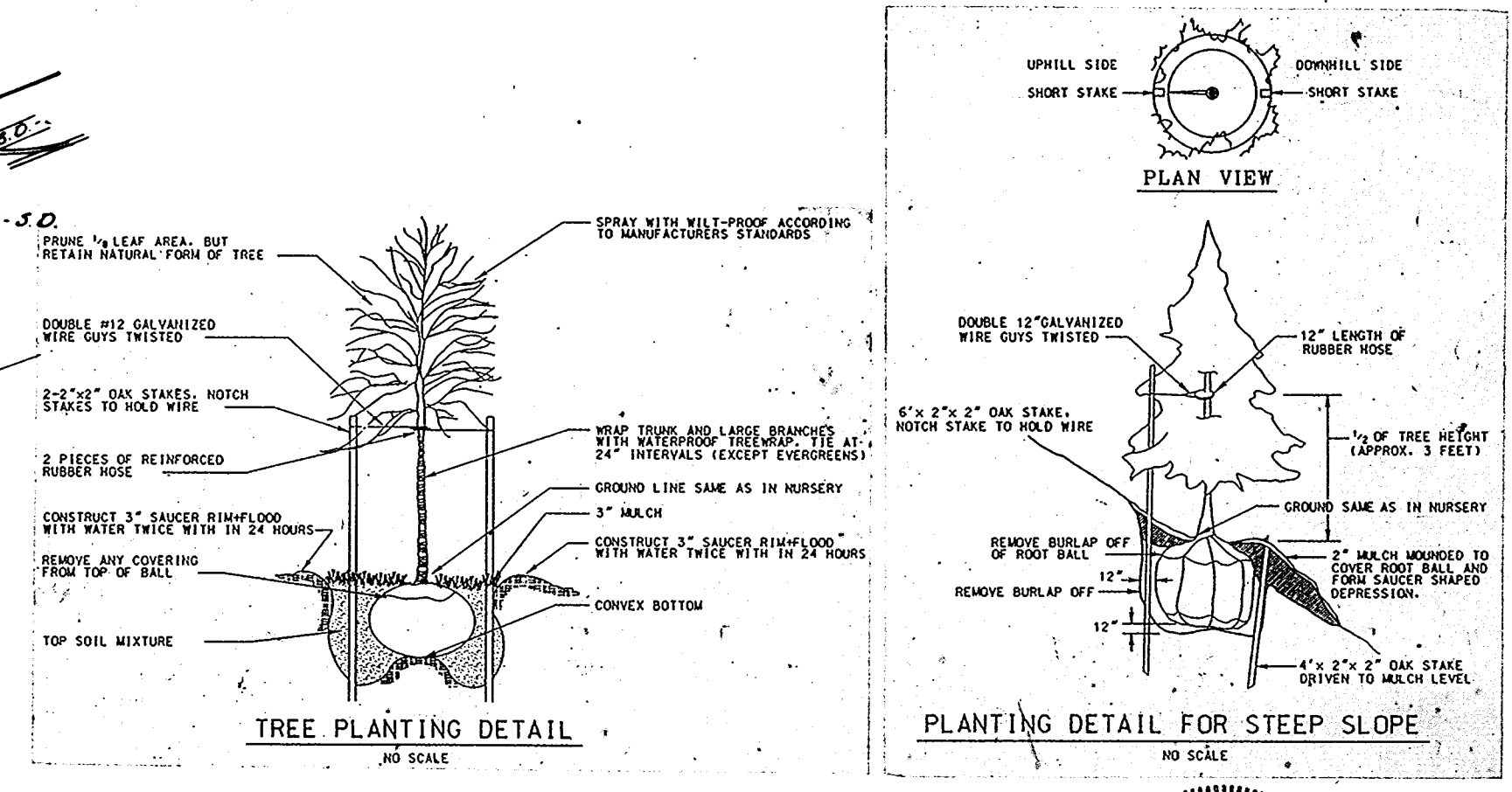
MOBIL Oil Corporation
U.S. Marketing & Refining Division
Marketing Operations Engineering Department
Fairfax, Virginia 22037

DRAWING NUMBER: 91074.01
SHEET NUMBER: 6 OF 7



LANDSCAPE - PLANTINGS				
SYMBOL	QUANT	BOTANICAL/COMMON NAME	SIZE	REMARKS
	5	FRAXINUS PENNSYLVANICA 'PATTMORE' PATTMORE ASH	3\"-3 1/2\" CAL. 14\"-16\"	B & B
	30	PICEA ABIES NORWAY SPRUCE	8\"-10\" (12\"/13\" 10\"-12\"	B & B
	16	EVONYMUS ALATUS 'COMPACTUS' DWARF BURNING BUSH	36\"-42\" 4\" O.C.	B & B
	100	TAXUS M. HATFIELD HATFIELD'S YEW	30\"-36\" 3\" O.C.	B & B
	160	JUNIPER CHINENSIS SARGENTII BLUE SARGENT JUNIPER	18\"-24\" 30\" O.C.	B & B
	-	EXISTING TREES/EVERGREENS BY OTHERS	-	-

NOTE: ALL OTHER AREAS TO BE SO D AND/OR SEED AND MULCH AS PER CONTRACTOR SPECIFICATIONS.



APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *John P. Boyce* 6-16-92
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 PLANNING BOARD: *James S. Keatts* 6/23/92
Patricia A. Williams 6/23/92
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD CO. DEPT. OF PUBLIC WORKS
 DIRECTOR: *James P. ...* 6-3-92
 CHIEF ENGINEER: *...* 6-3-92

APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE: 12 May 92

OWNER:
 HOWARD RESEARCH & DEVELOPMENT LAND COMPANY
 THE ROUSE BUILDING
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND 21048
 PHONE: 1-301-592-6038

FREDERICK WARD ASSOC., INC.
 ENGINEERS ARCHITECTS SURVEYORS
 5 SOUTH MAIN STREET
 DEL. APT, MARYLAND 21044
 PHONE 301-638-7900 301-679-2090

MOBIL STATION
 LANDSCAPE PLAN
 VILLAGE OF HICKORY RIDGE
 SECTION: 6 AREA: 3 PARCEL: 42
 TAX MAP: 35 PARCEL: PART OF PARCEL 'B'
 RECORD PLAT: # 10120 CENSUS TRACT: # 6056.00
 WATER CODE: # 629 SENSR CODE: # 688000
 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

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 DATE: 6/23/92
 DRAWN BY: JWB
 CHECKED BY: JWB
 SCALE: 1\"/>

Mobil Oil Corporation
 U.S. Marketing & Refining Division
 Marketing Operations Engineering Department
 Fairfax, Virginia 22037