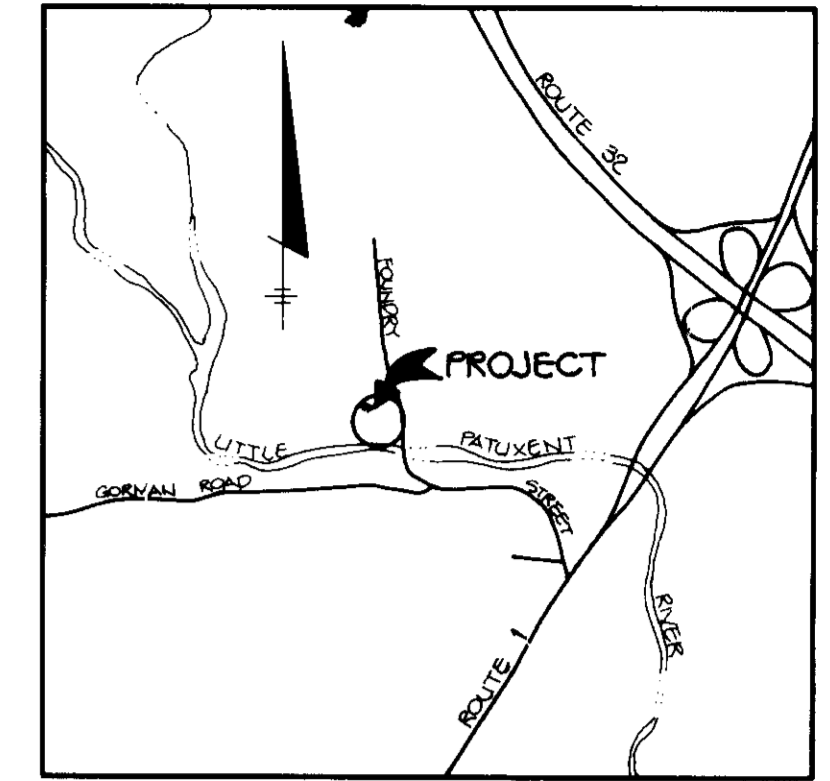


# SITE DEVELOPMENT PLAN

## SAVAGE MILL DAY CARE

### 6th ELECTION DISTRICT

### HOWARD COUNTY, MARYLAND



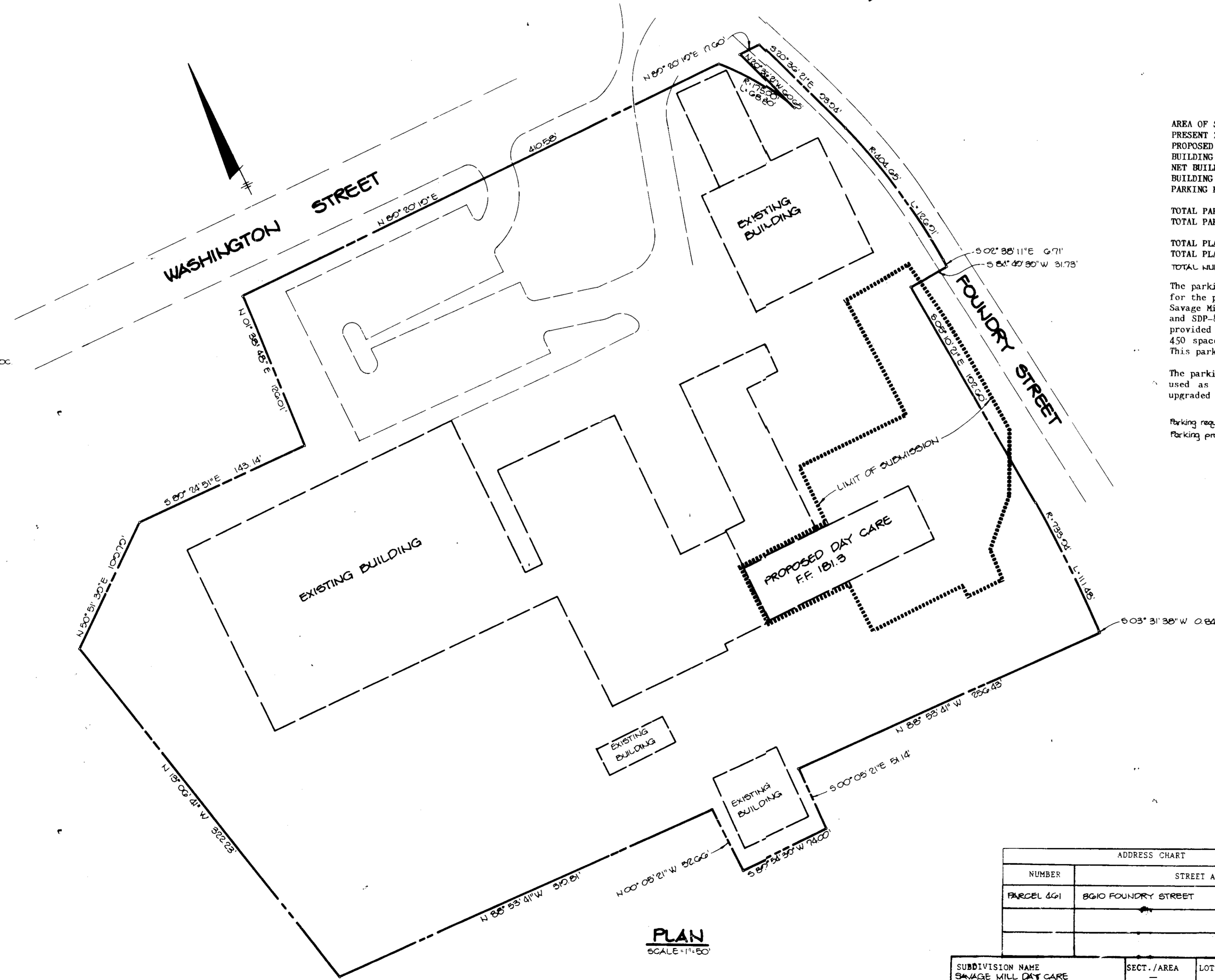
VICINITY MAP  
SCALE: 1"=2000'

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	PLANTING PLAN & DETAIL SHEET
4	SEDIMENT CONTROL PLAN, NOTES, DETAILS & DRAINAGE AREA MAP
5	STRUCTURAL DETAILS

**GENERAL NOTES**

1. ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1980 AMENDMENTS.
3. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
5. CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 

MISS UTILITY	1-800-257-7777
C&P TELEPHONE COMPANY	725-9916
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
ATA&E CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS & ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
6. ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
7. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
8. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
9. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
10. NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
11. TOPO TAKEN FROM FIELD RUN SURVEY DATED 1984 BY REVER MUEGGE & ASSOC.
12. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
13. ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL C2.01 (TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS) IN VOL. IV OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
14. THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
15. THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN, WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM IF THIS WASTE IS REGULATED UNDER SECTION 18.122A OF THE HOWARD COUNTY CODE. EACH SEPARATE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WASTE PRETREATMENT DEVICES AS REQUIRED AND APPROVED BY HOWARD COUNTY. WASTE LINES ON THE INTERIOR OF THE BUILDING SHALL BE DESIGNED, CONSTRUCTED OR MODIFIED SUCH THAT NON-DOMESTIC WASTE WILL BE DISCHARGED TO THE SEPARATE AND INDEPENDENT SEWER CONNECTION. NO TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEPARATE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS OR TENANTS.



**SITE TABULATION**

AREA OF SUBMISSION	0.71 AC.
PRESENT ZONING	B-2
PROPOSED USE	DAY CARE
BUILDING AREA OF SUBMISSION	6,532 SQ. FT.
NET BUILDING AREA FOR DAY CARE	4,536 SQ. FT.
BUILDING COVERAGE OF SUBMISSION	21%
PARKING REQUIRED OF SUBMISSION	1 SP./400 SQ. FT.
TOTAL PARKING REQUIRED OF SUBMISSION	12 SPACES
TOTAL PARKING PROVIDED FOR SUBMISSION	12 SPACES
TOTAL PLAY AREA REQUIRED	(INCLUDING 1 H.C.)
TOTAL PLAY AREA PROVIDED	3,500 SQ. FT.
TOTAL NUMBER OF CHILDREN	4,000 SQ. FT.
	75

The parking provided under this Site Development Plan is for the proposed day care only. Existing parking for the Savage Mill Complex has been provided for under SDP-85-51 and SDP-85-146. These two Site Development Plans have provided 305 spaces and approximately another additional 450 spaces will be provided for under future phases. This parking scheme is shown on Sheet 2 of 4.

The parking shown under this submission is intended to be used as interim parking. This parking area will be upgraded in a future phase of Savage Mill.

Parking required for this site	924 (1 SP./200 SQ. FT.)
Parking provided for this site	924 (SDP-85-51)

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
 JOYCE W. BRADEN COUNTY HEALTH OFFICER	8/7/90 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
 CHARLES B. G... DIRECTOR	8.16.90 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
 JAMES... DIRECTOR	7/17/90 DATE
APPROVED: CHIEF, BUREAU OF ENGINEERING.	
 ... CHIEF, BUREAU OF ENGINEERING	7/17/90 DATE

DATE	REVISION
OWNER/DEVELOPER	
SAVAGE MILL LIMITED PARTNERSHIP THE LUDWAY BUILDING 811 TELEGRAPH ROAD OCEONTON, MARYLAND 21113	
PROJECT	
SAVAGE MILL DAY CARE	
AREA	
TAX MAP NO 47 PARCEL 4G1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	
TITLE SHEET	

**RIEMER MUEGGE & ASSOCIATES, INC.**  
A Land Planning, Engineering and Consulting Firm  
3105 North Ridge Road • Ellicott City, Maryland 21043  
301-461-2690 FAX: 301-750-3176

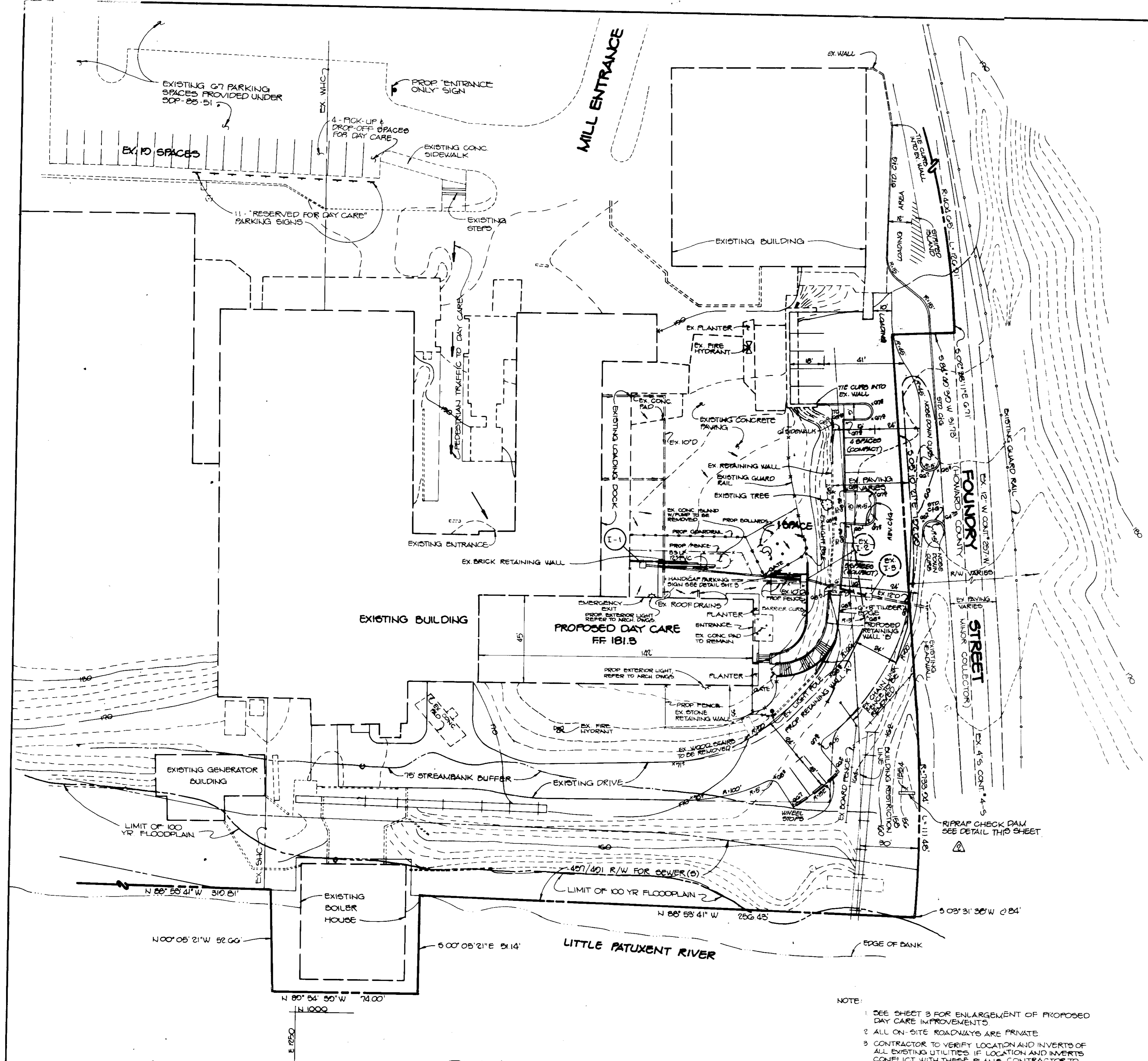
	DATE: 7/17/90 DESIGNED BY: C.B.D. DRAWN BY: W.A.D. PROJECT NO: 3140G DATE: MARCH 10, 1990 SCALE: AS SHOWN DRAWING NO. 1 OF 5
--	--

ADDRESS CHART	
NUMBER	STREET ADDRESS
PARCEL 4G1	8610 FOUNDRY STREET

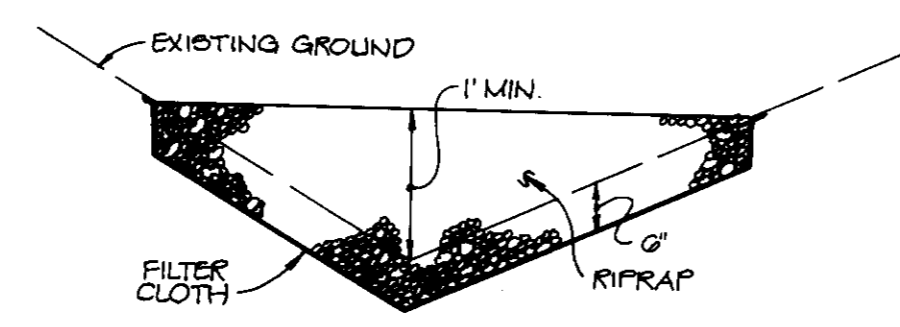
  

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #	PARCEL 4G1
SAVAGE MILL DAY CARE			
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP
L 1217/E 746	11	B-2	47
			ELEC. DIST.
			CENSUS TR
WATER CODE		SEWER CODE	
CO1		8000300	

**PLAN**  
SCALE: 1"=50'



**PLAN**  
SCALE: 1" = 20'

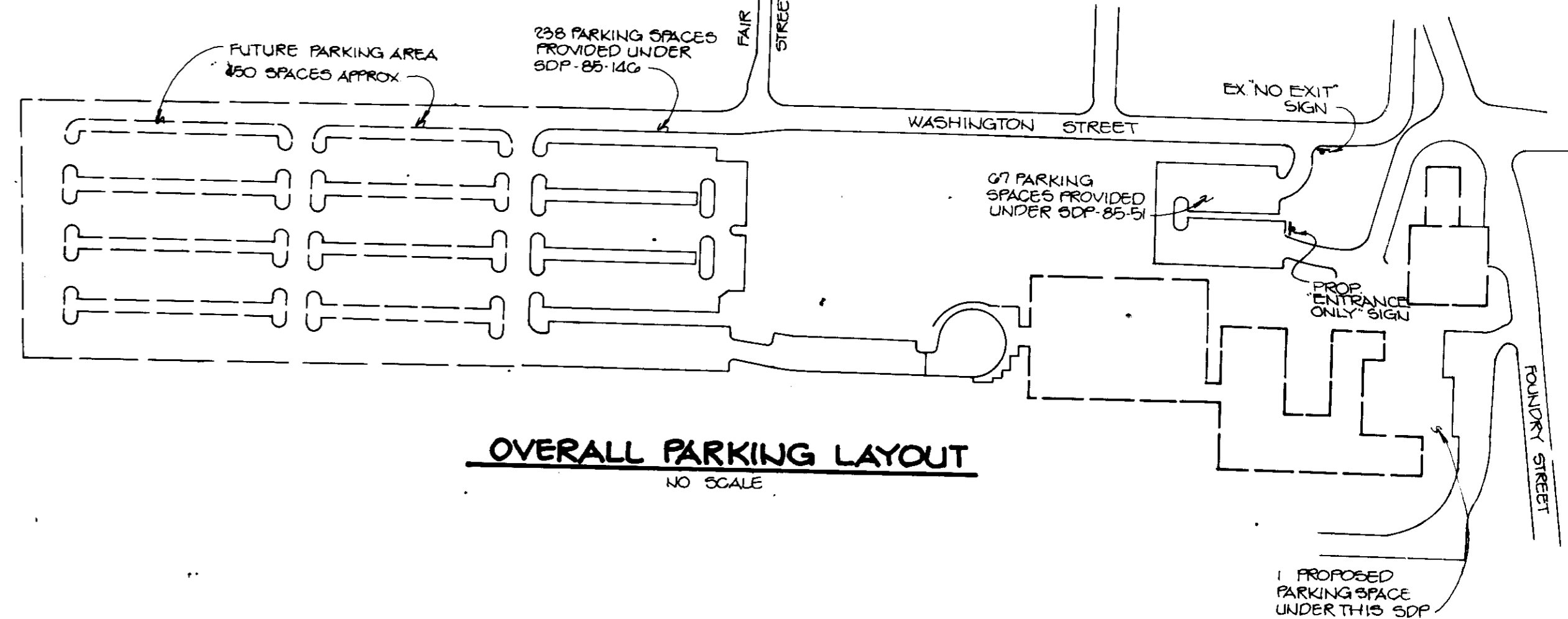


**RIPRAP CHECK DAM**  
NO SCALE

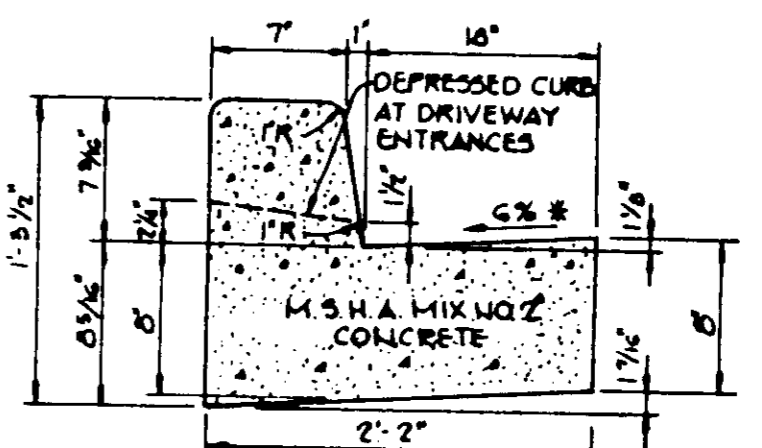
- NOTE:
- SEE SHEET 3 FOR ENLARGEMENT OF PROPOSED DAY CARE IMPROVEMENTS.
  - ALL ON-SITE ROADWAYS ARE PRIVATE.
  - CONTRACTOR TO VERIFY LOCATION AND INVERTS OF ALL EXISTING UTILITIES. IF LOCATION AND INVERTS CONFLICT WITH THESE PLANS, CONTRACTOR TO CONTACT THE ENGINEER IMMEDIATELY.
- AREA TO BE PAVED, SEE DETAIL THIS SHEET
- FLOODPLAIN LIMITS OBTAINED FROM FEMA MAPS

**MATERIAL SPECIFICATION**

- RIPRAP: RIPRAP SHALL CONSIST OF 4 - 8 INCH WASHED STONE OR GRAVEL.
- FILTER FABRIC: THE FILTER CLOTH SHALL BE WOVEN OR NONWOVEN FABRIC CONSISTING ONLY OF CONTINUOUS CHAIN POLYMERIC FILAMENTS OR YARNS OF POLYESTER. THE FABRIC SHALL BE INERT TO COMMONLY ENCOUNTERED CHEMICALS, HYDRO-CARBONS, WILDEW, AND ROT RESISTANT. NO. 10 STONE (WASHED 87) MAY BE USED ON THE INNER FACE FOR FILTERING INSTEAD OF FABRIC.



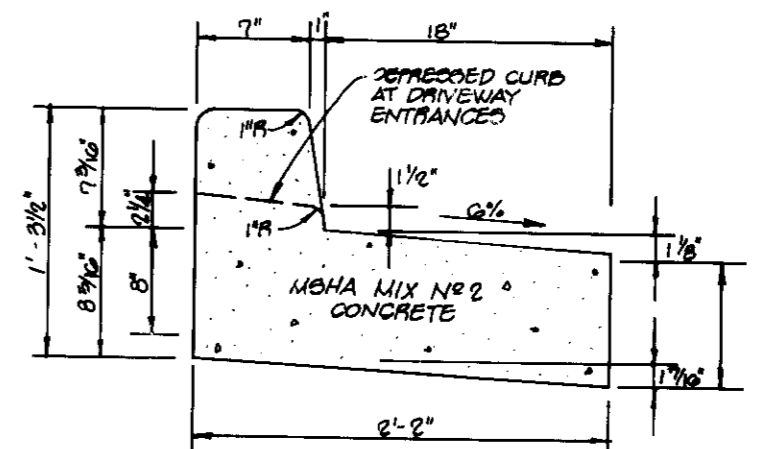
**OVERALL PARKING LAYOUT**  
NO SCALE



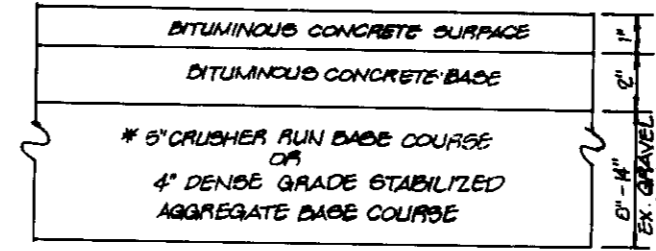
HOWARD COUNTY DESIGN MANUAL VOLUME IX - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-301)

\* GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AS THE PAVEMENT.

**STANDARD 7" COMBINATION CURB AND GUTTER**  
NO SCALE



**REVERSE 7" COMBINATION CURB AND GUTTER**  
NO SCALE



**PAVING DETAIL**  
NO SCALE

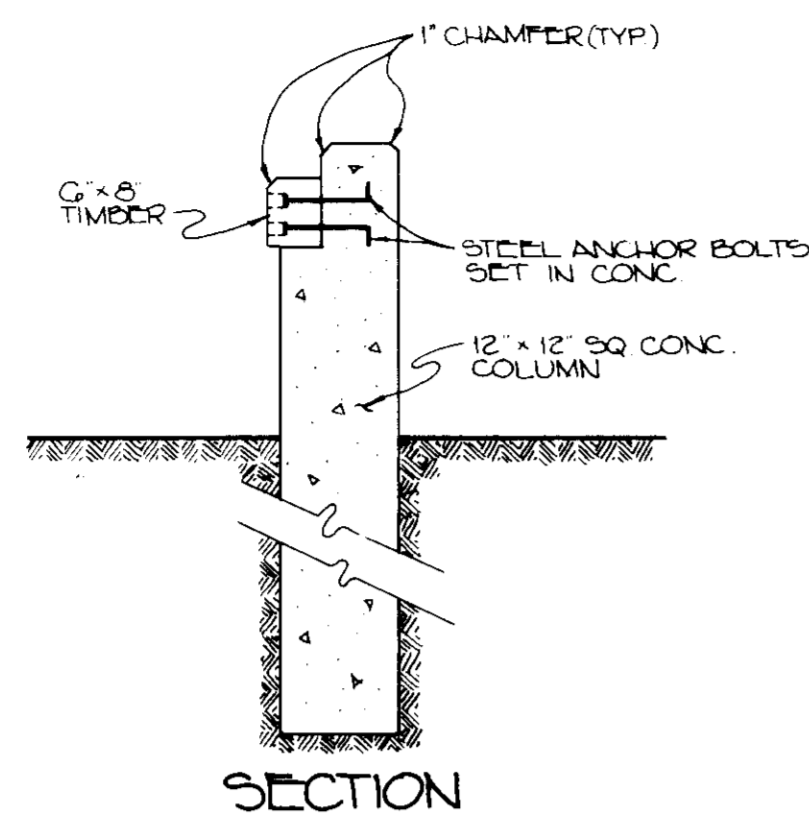
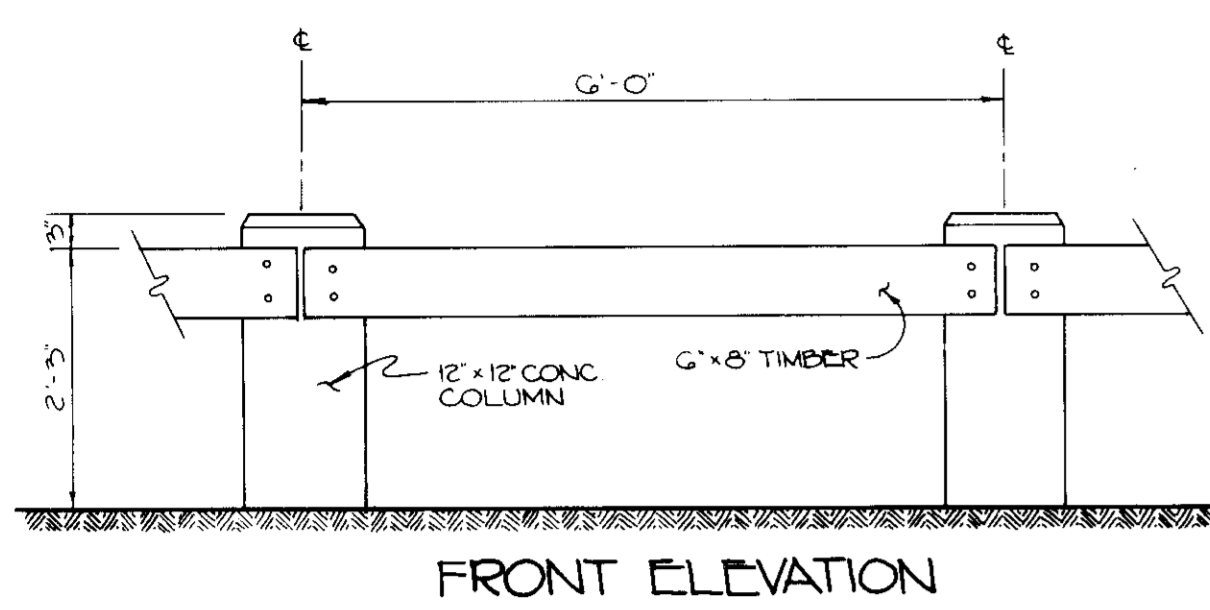
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	<i>Jose A. Lopez</i>	8/7/90
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	<i>Clark</i>	8.16.90
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	<i>James J. ...</i>	7/17/90

3-27-01	ADDED RIPRAP CHECK DAM AND DETAIL
1-8-01	ADDED DRIVING & PARKING
DATE	NO. REVISION

OWNER/DEVELOPER	SAVAGE MILL LIMITED PARTNERSHIP THE MIDWAY BUILDING 410 TELEGRAPH ROAD ODONTON, MARYLAND 21113
PROJECT	<b>SAVAGE MILL DAY CARE</b>
AREA	TAX MAP NO 47 PARCEL 4G1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE	<b>SITE DEVELOPMENT PLAN</b>

**RIEMER MUEGGE & ASSOCIATES, INC.**  
A Land Planning, Engineering and Consulting Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043  
301-461-2690 FAX: 301-750-3176

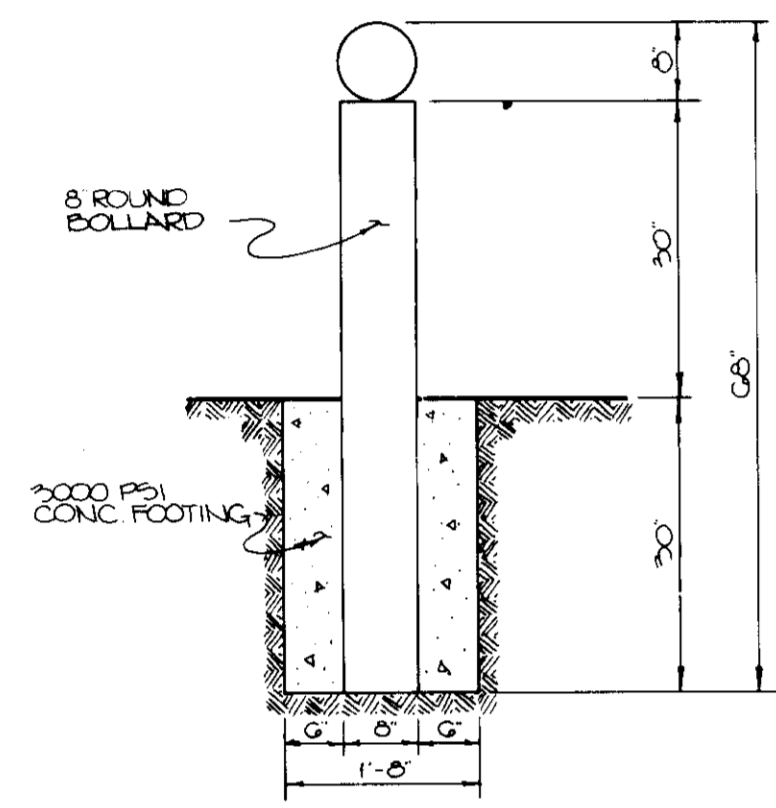
DATE	7-6-90
DESIGNED BY	D.R.F.
DRAWN BY	M.A.D.
PROJECT NO.	51406
DATE	MARCH 10, 1990
SCALE	AS SHOWN
DRAWING NO.	2 OF 5



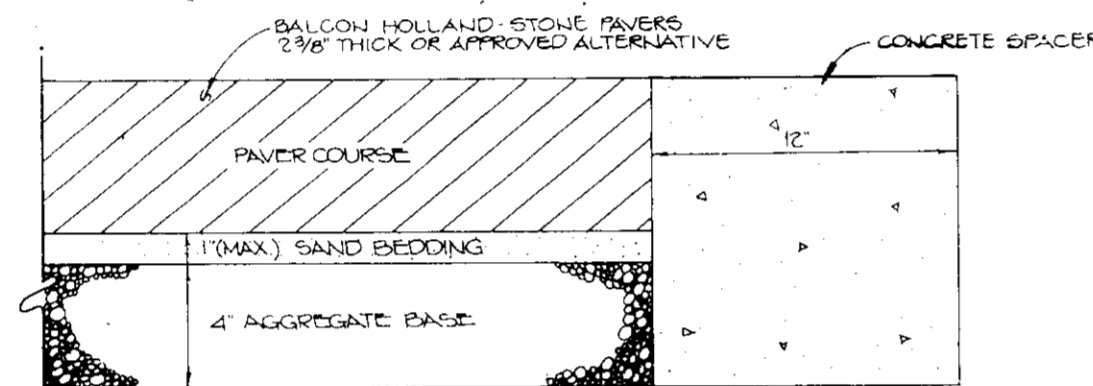
**GUARDRAIL DETAIL**  
NO SCALE

**STRUCTURE SCHEDULE**

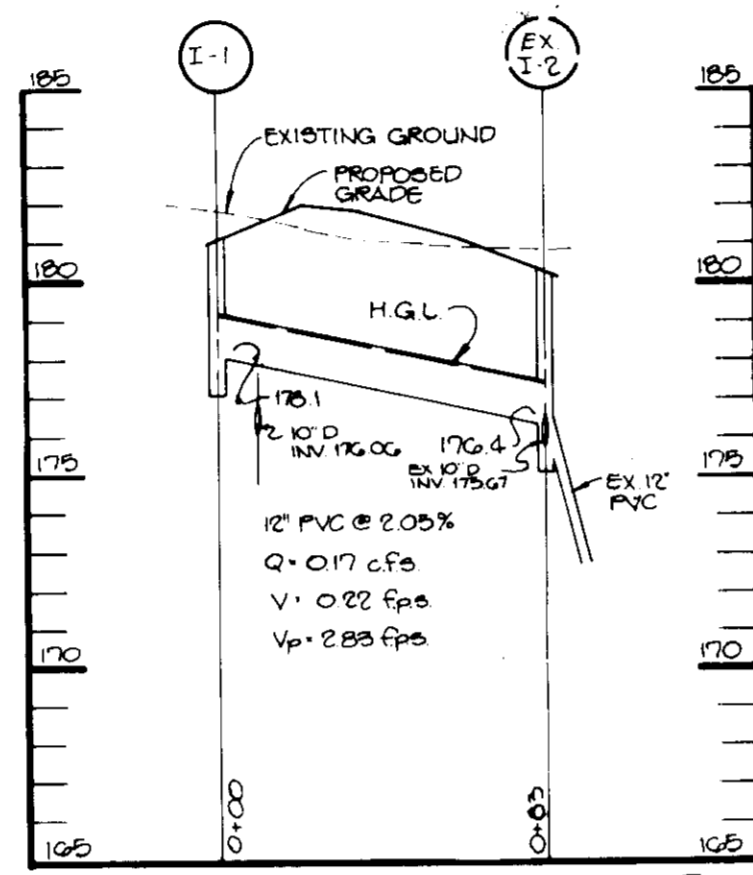
NO.	TYPE	TOP OF GRADE ELEV.	IN/IN	OUT/OUT	REMARKS
I-1	YARD INLET	181.1		178.1	See Detail 20-414



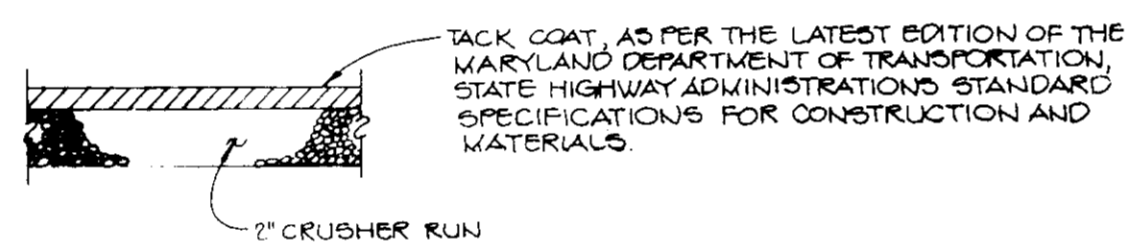
**BOLLARD DETAIL**  
NO SCALE



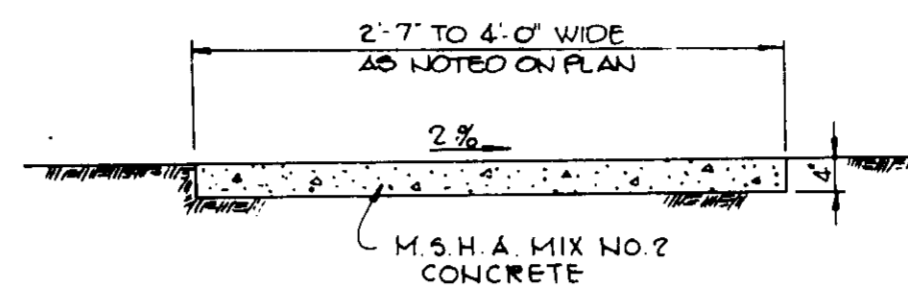
**STONE PAVER SECTION**  
NO SCALE



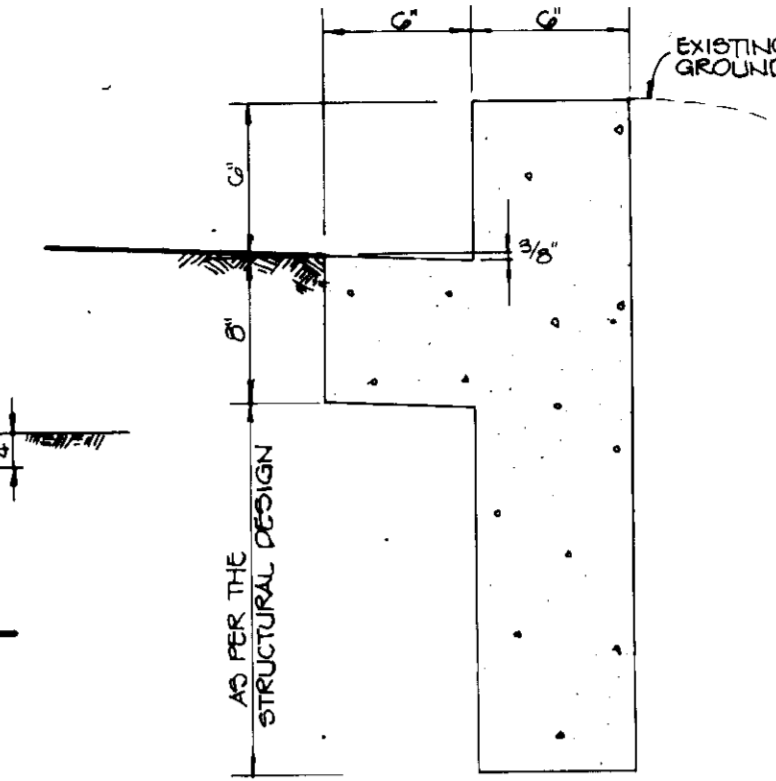
**STORM DRAIN PROFILE**  
SCALE HOR. 1"=50' VERT. 1"=5'



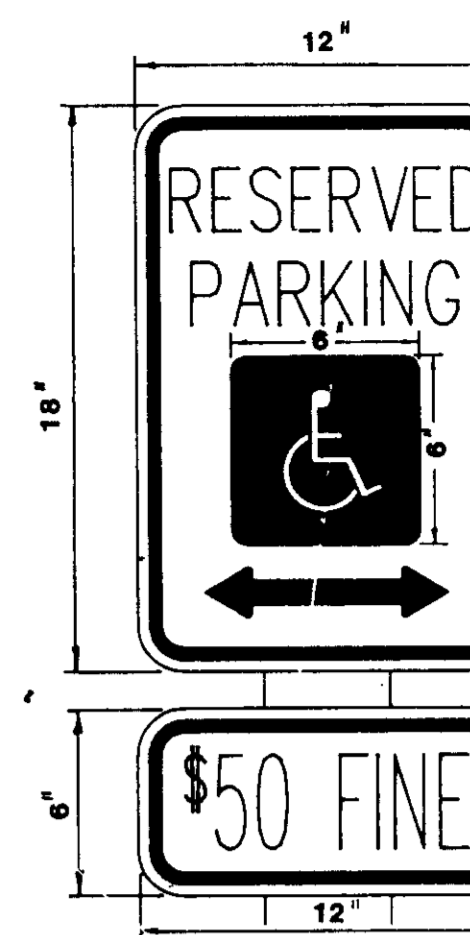
**PAVING SECTION**  
NO SCALE



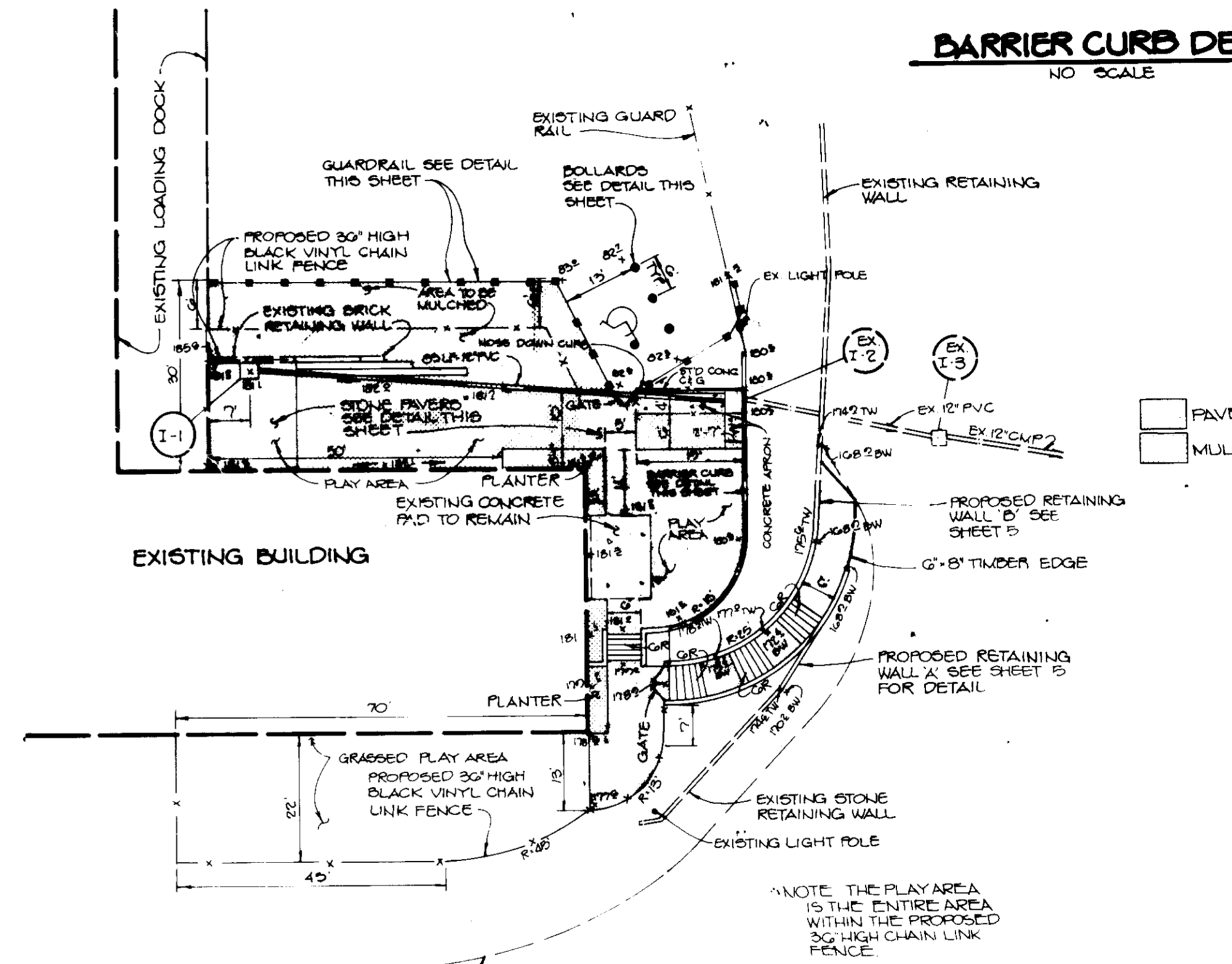
**CONCRETE APRON DETAIL**  
NO SCALE



**BARRIER CURB DETAIL**  
NO SCALE



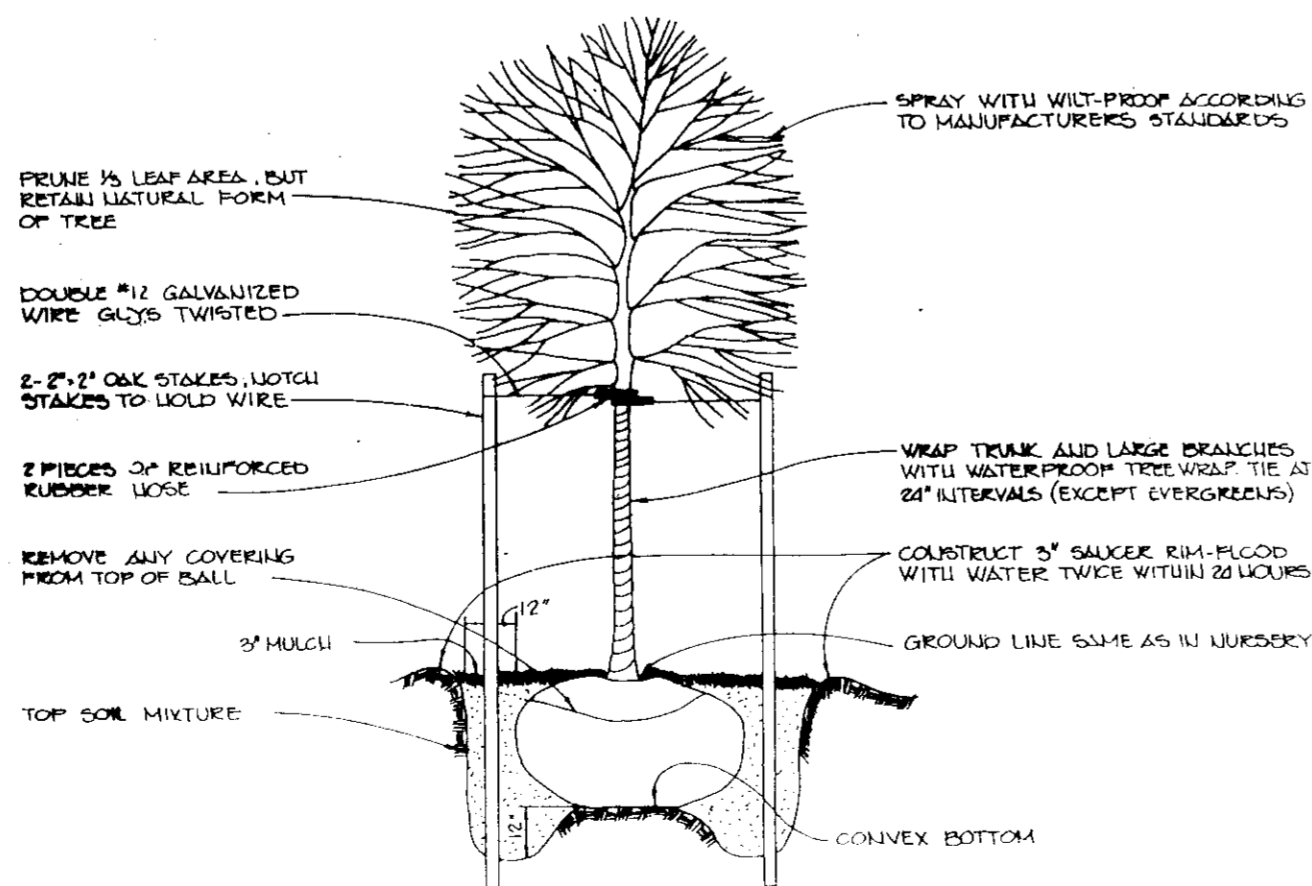
**HANDICAP SIGN DETAIL**  
NO SCALE



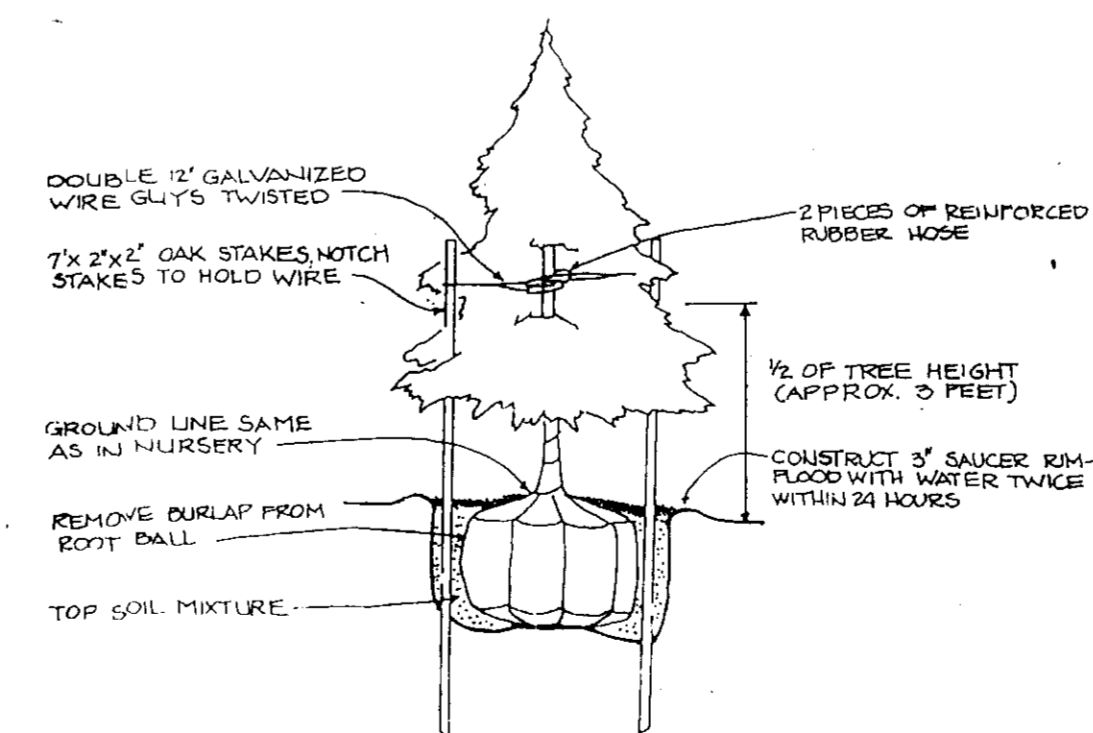
**ENLARGEMENT OF DAY CARE IMPROVEMENTS**  
SCALE 1"=20'

**PLANT LIST**

QTY	KEY	NAME	SIZE	REMARKS
1	CC	CERCIS CANADENSIS Eastern Redbud	2-2 1/2" Cal. 10-12' Ht.	B&B
2	GT	GLEDITSIA TRIACANTHOS VAR. INERMIS 'MORAINE' Moraine Thornless Honeylocust	2 1/2-3" Cal. 12-14'	B&B Full crown
4	SV	SYRINGA VULGARIS Common Lilac	4' Ht.	B&B White flower*
27	TO	TRUJA OCCIDENTALIS 'TECHERY' OR 'MIGNA' American Arborvitae	4-5' Ht.	B&B 4" o.c.



**TREE PLANTING DETAIL**  
N.T.S.



**EVERGREEN PLANTING DETAIL**  
N.T.S.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*James B. ...* 8/7/90  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.  
*W. ...* 8.16.90  
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James ...* 2/17/90  
 DIRECTOR DATE

CHIEF, BUREAU OF ENGINEERING  
*...* DATE

DATE	NO.	REVISION

OWNER/DEVELOPER  
 SAVAGE MILL LIMITED PARTNERSHIP  
 THE MIDWAY BUILDING  
 410 TELEGRAPH ROAD  
 ODENTON, MARYLAND 21113

PROJECT  
**SAVAGE MILL DAY CARE**

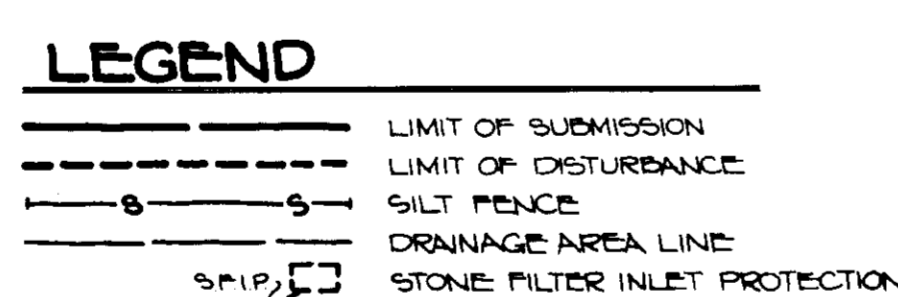
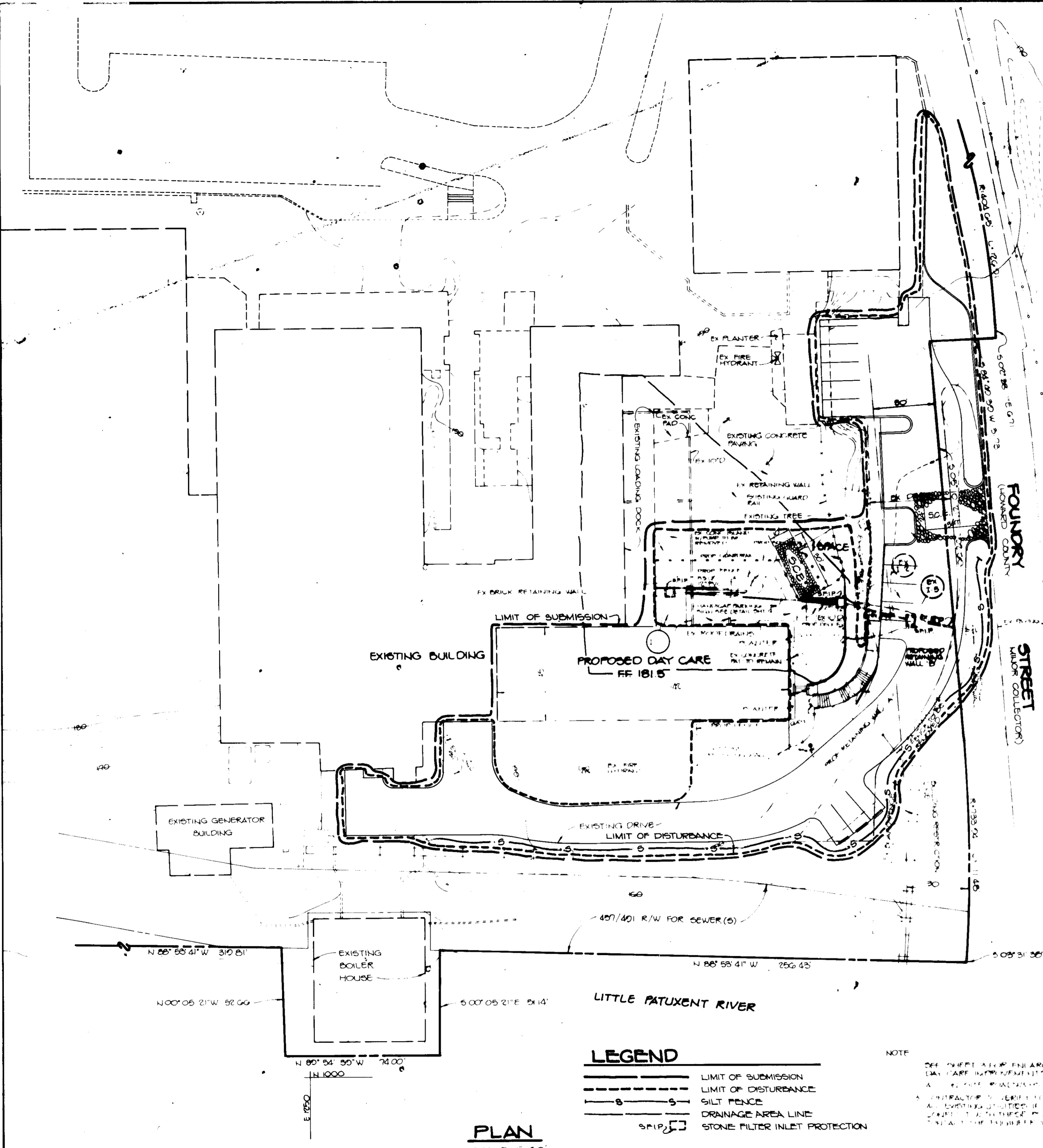
AREA  
 TAX MAP NO. 07 PARCEL 401  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE:  
**PLANTING PLAN & DETAIL SHEET**

RIEMER MUEGGE & ASSOCIATES, INC.  
 A Land Planning, Engineering and Consulting Firm  
 3105 North Ridge Road Ellicott City, Maryland 21043  
 301-461-2690 FAX: 301-750-3176

7-6-90 DATE  
 DESIGNED BY: DRP  
 DRAWN BY: WAD/CBB  
 PROJECT NO: 9140G  
 DATE: MARCH 10, 1990  
 SCALE: AS SHOWN  
 DRAWING NO. 3 OF 5

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER  
 MAX KANTZER

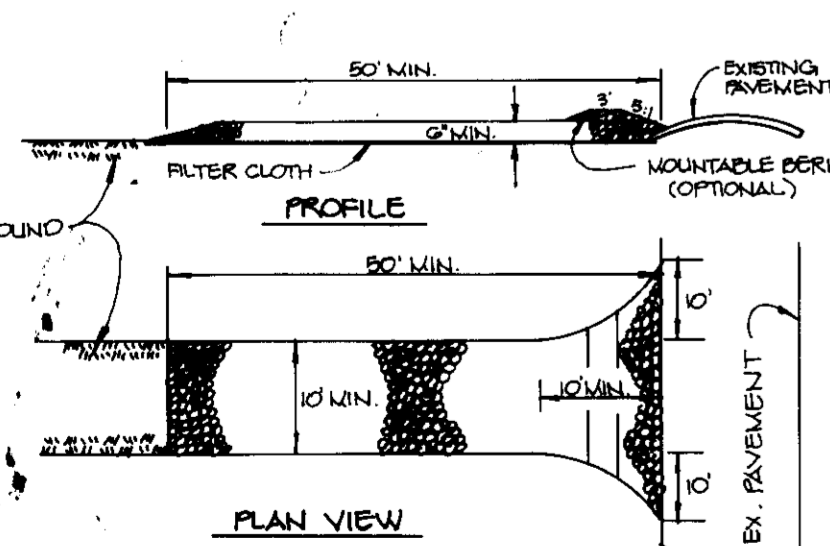


**PLAN**  
SCALE 1" = 30'

**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 30 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN 6" (6") INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.
- 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.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE FILTERED ACROSS THE ENTRANCE. IF PAVING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 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 CLEANUP OF ANY WEAPONS USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 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.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**STABILIZED CONSTRUCTION ENTRANCE**  
NO SCALE



**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas 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, if not 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 sq ft) 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 (94 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 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 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 reseedings.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed 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, if not 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 15 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.

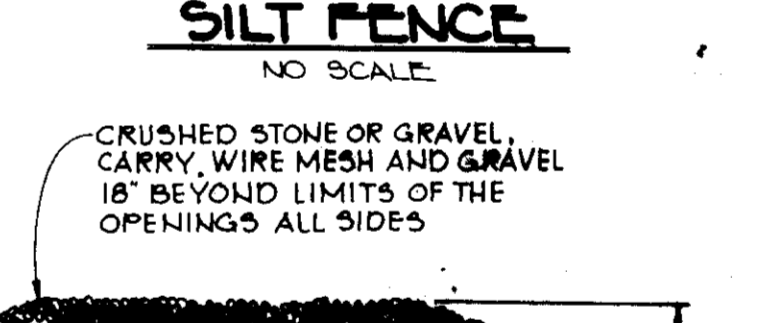
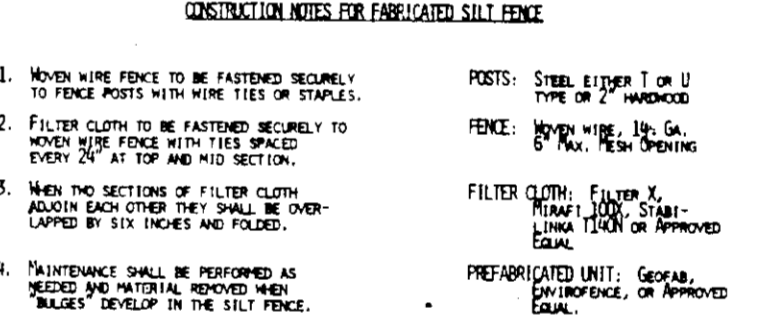
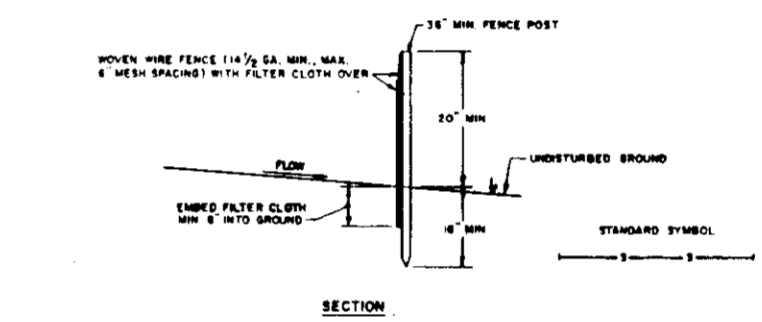
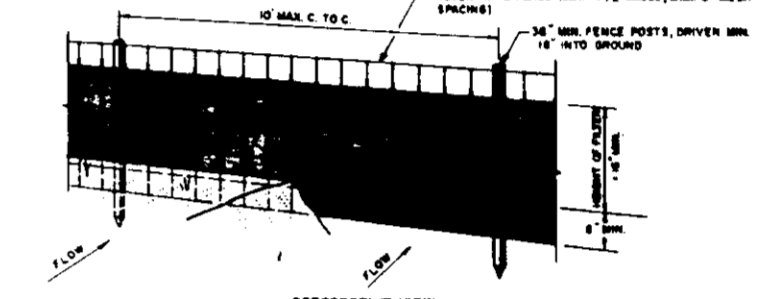
**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of untreated small grain straw immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.

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

**SEDIMENT CONTROL NOTES**

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (993-2437).
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 framed 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 seedings (Sec. 50) and mulching (Sec. 53). 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	0.71	acres
Area Disturbed	0.33	acres
Area to be seeded or paved	0.66	acres
Area to be vegetatively stabilized	0.00	acres
Total Cut	200	Cu. yds.
Total Fill	200	Cu. yds.
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 Department of Public Works Sediment Control Inspector.
10. Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
11. Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.
12. Cut and fill quantities provided under site analysis do not represent bid quantities. These quantities do not distinguish between topsoil, structural fill or embankment material, nor do they reflect consideration of undercutting or removal of unsuitable material. The contractor shall familiarize himself with site conditions which may affect the work.



**BY THE DEVELOPER:**

"I/WE 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 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 INSPECTIONS BY THE HOWARD COUNTY CONSERVATION DISTRICT."

DEVELOPER: \_\_\_\_\_ 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 COUNTY CONSERVATION DISTRICT."

ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_

REVIEWED FOR: Howard S.C.D.

AND MEETS TECHNICAL REQUIREMENTS

DATE: 7/10/90

DATE: 7/10/90

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

DATE: 8/7/90

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DATE: 8/16/90

DATE: 8/16/90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 7/17/90

1-8-01	1	ADDED PAVING & PARKING
DATE	NO	REVISION

OWNER, DEVELOPER

SAVAGE MILL LIMITED PARTNERSHIP  
THE MIDWAY BUILDING  
410 TELEGRAPH ROAD  
OCEONTON MARYLAND 21013

PROJECT: **SAVAGE MILL DAY CARE**

AREA: TAX MAP NO 47 PARCEL 461  
6TH BLOCKION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: **SEDIMENT CONTROL PLAN, NOTES, DETAILS & DRAINAGE AREA MAP**

**RIEMER MUEGGE & ASSOCIATES, INC.**  
A Land Planning, Engineering and Consulting Firm  
3105 North Ridge Road Ellicott City, Maryland 21043  
301-461-2690 FAX: 301-750-3176

7-8-90 DATE

DESIGNED BY DRF

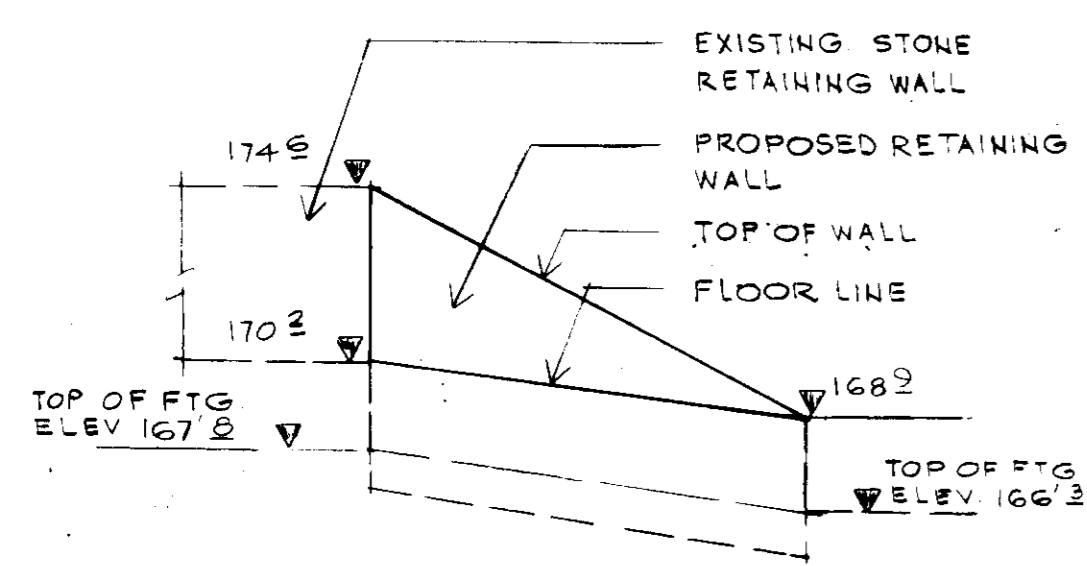
DRAWN BY WAD

PROJECT NO 5406

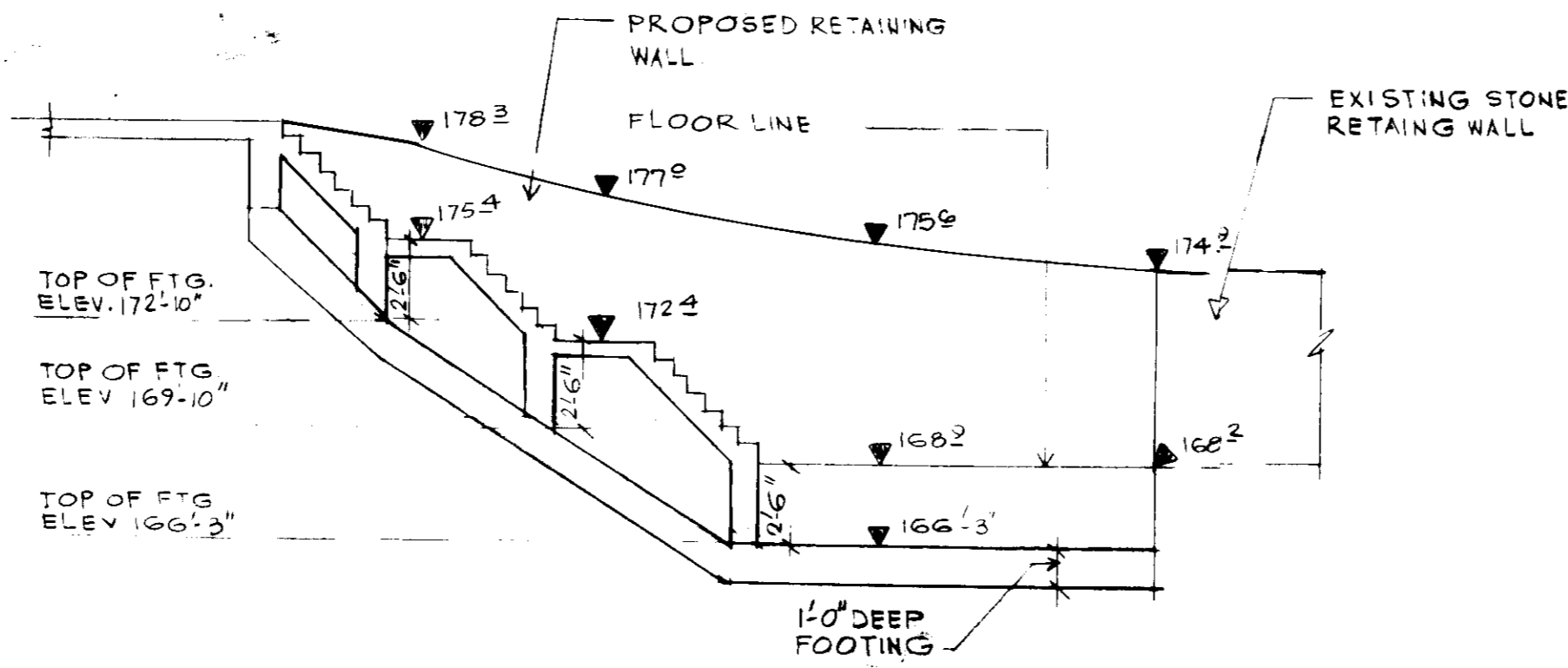
DATE: MARCH 10, 1990

SCALE: AS SHOWN

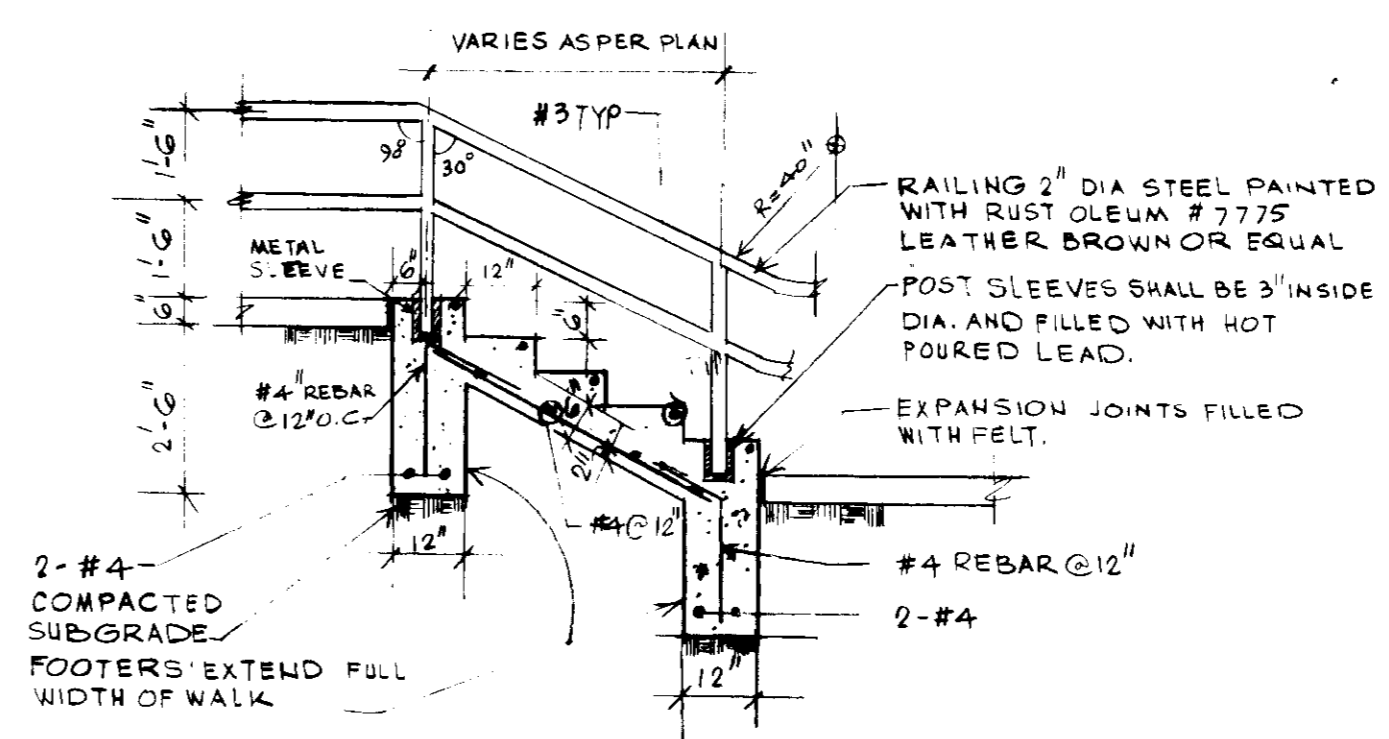
SHEET NO. 4 OF 5



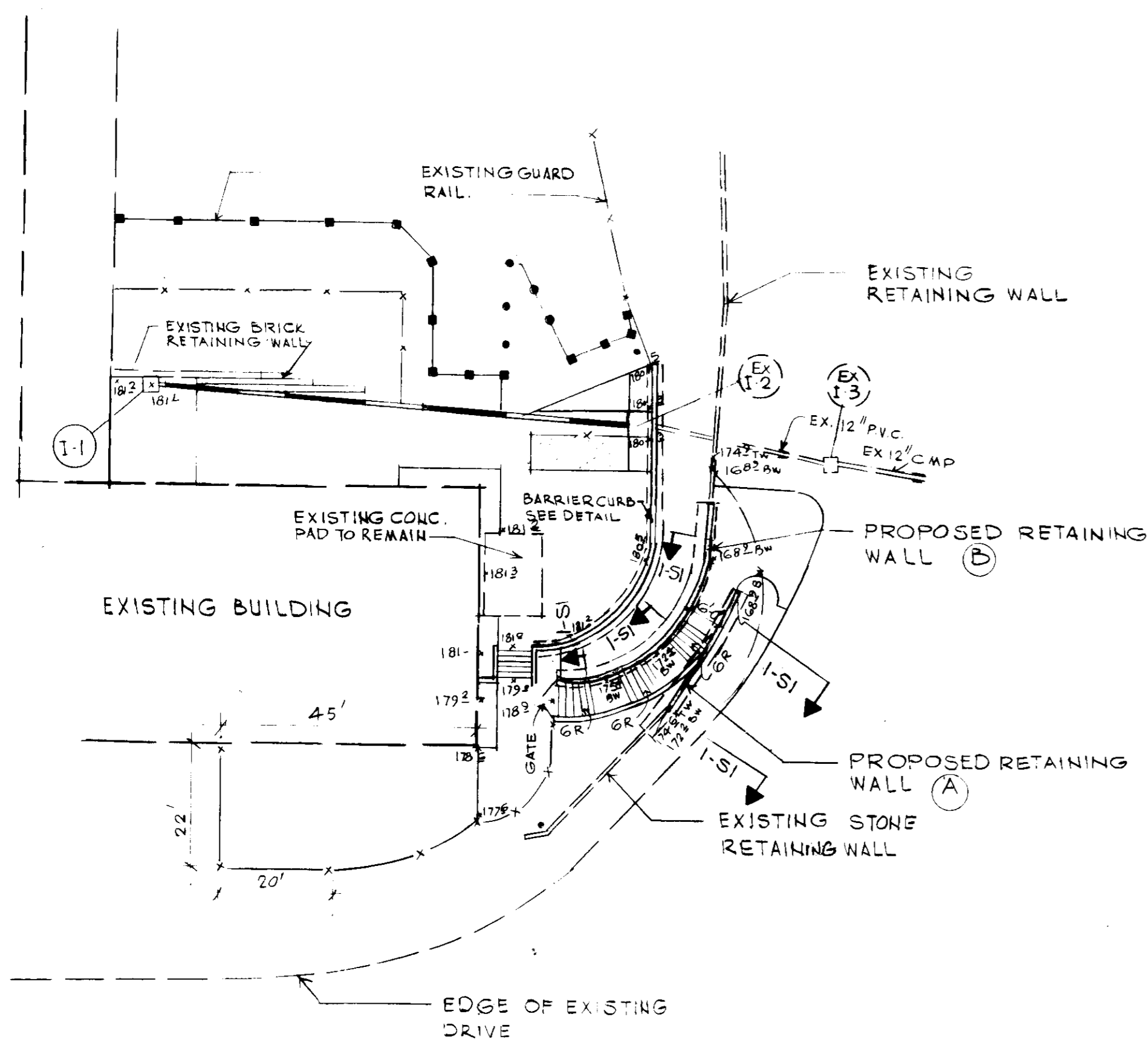
PROFILE OF RETAINING WALL (A)  
N.T.S.



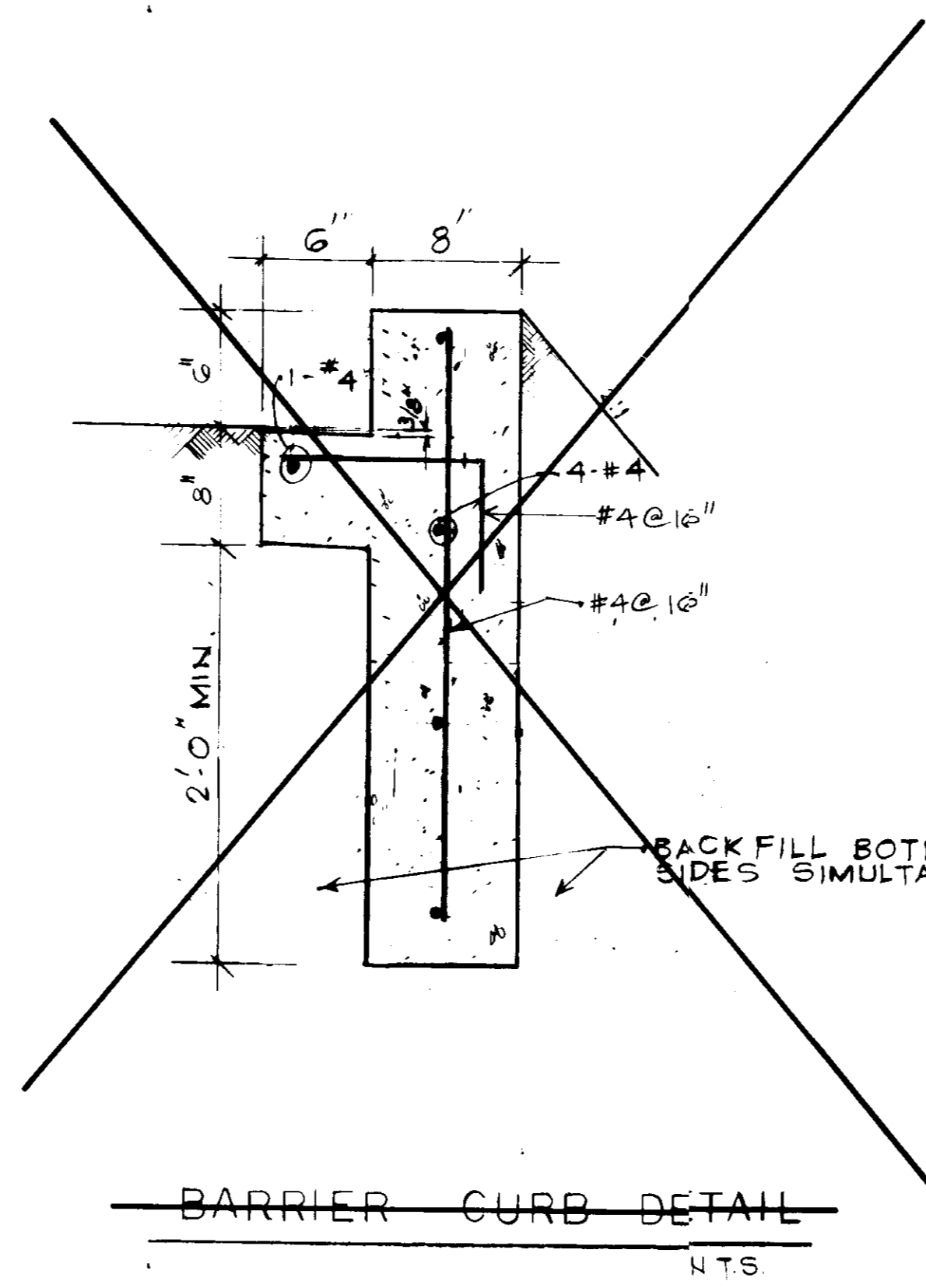
PROFILE OF RETAINING WALL (B)  
N.T.S.



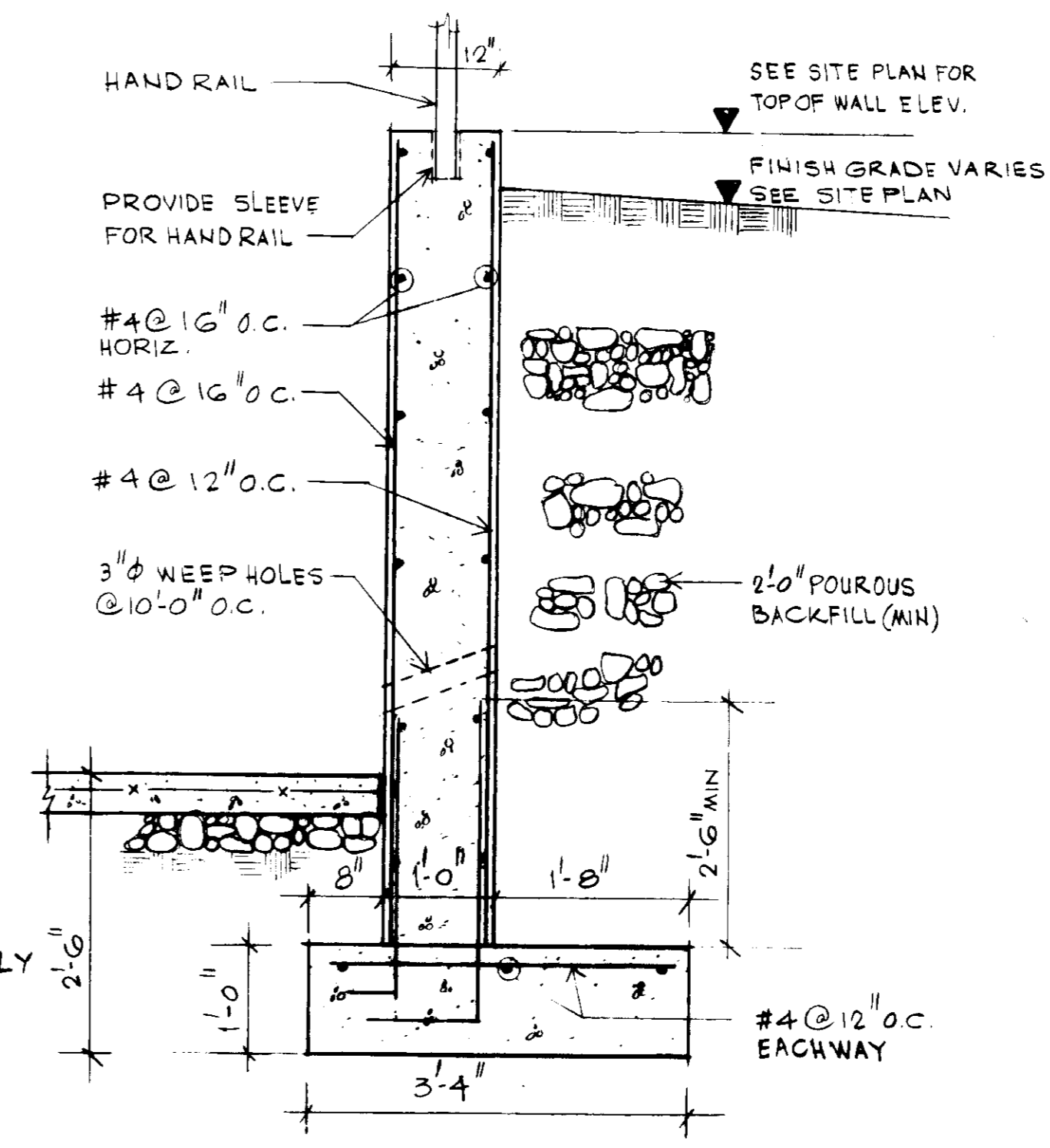
STAIR DETAIL  
N.T.S.



SITE PLAN



BARRIER CURB DETAIL  
N.T.S.

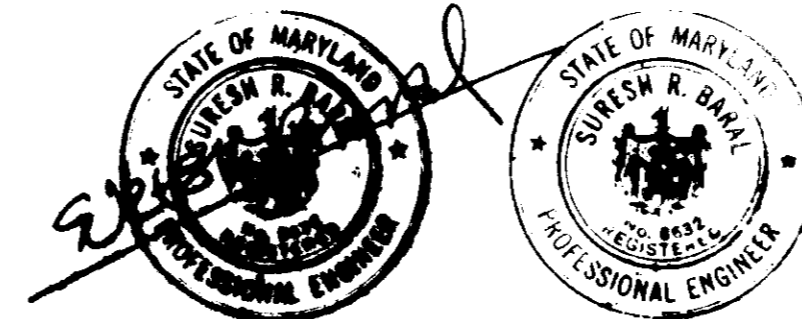


SECTION I-SI  
SCALE - 3/4\"/>

NOTES

1. ALL CONC.  $f_c' = 3000$  PSI  
REINF.  $f_y = 60,000$  PSI
2. BOTTOM OF RETAINING WALL FOOTING TO BEAR ON UNDISTURBED SOIL CAPABLE OF MIN OF 2000 PSI ALLOWABLE SOIL BEARING FIELD VERIFY

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>James Brink</i> COUNTY HEALTH OFFICER	8/7/90 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
<i>John C. D. Taylor</i> DIRECTOR	8/16/90 DATE
<i>Jack V. J. Taylor</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	8/15/90 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James P. Smith</i> DIRECTOR	7/17/90 DATE
<i>James P. Smith</i> CHIEF, BUREAU OF ENGINEERING	7-17-90 DATE
DATE	NO. REVISION
OWNER/DEVELOPER Savage Mill Limited Partnership THE MIDWAY BUILDING 410 TELEGRAPH ROAD ODENTON, MARYLAND 21115	
TITLE: STRUCTURAL DETAILS	



SAVAGE MILL DAY CARE

TAX MAP NO. 47  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

ADVANCE ENGINEERS LTD.

CONSULTING STRUCTURAL ENGINEERS  
6800 BACKLICK ROAD, SUITE 300  
SPRINGFIELD, VIRGINIA 22150-3008  
TELEPHONE: (703) 451-5222