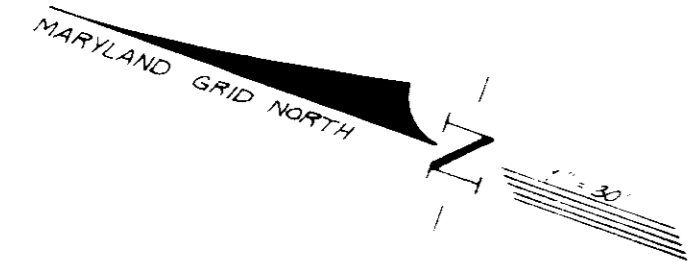
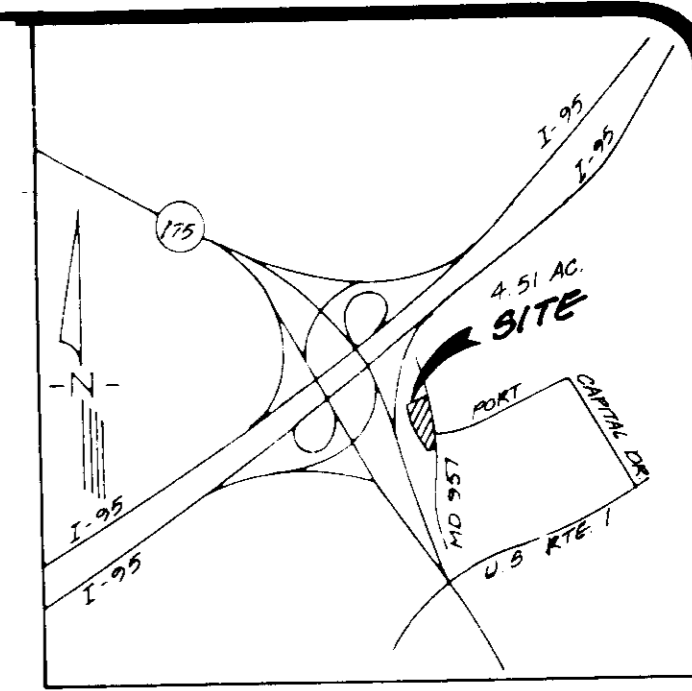


BENCH MARK  
NO. 1A - OUT TOP ROADSIDE BONNET  
POINT OF FIRE HYDRANT -  
ELEVATION 306.25

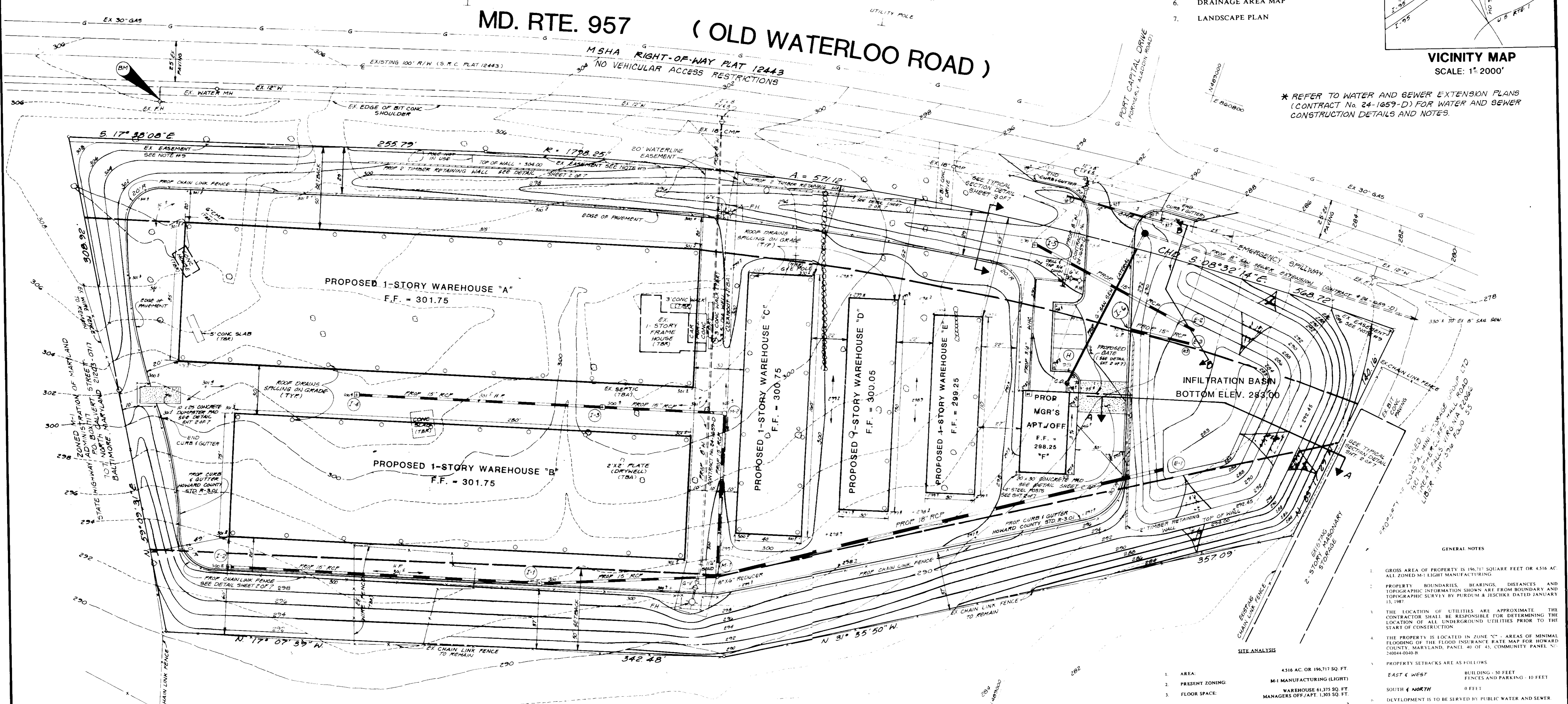


- INDEX
1. SITE DEVELOPMENT PLAN
  2. SITE PLAN DETAILS
  3. STORM DRAIN PROFILES
  4. SEDIMENT CONTROL PLAN
  5. SEDIMENT CONTROL DETAILS
  6. DRAINAGE AREA MAP
  7. LANDSCAPE PLAN



VICINITY MAP  
SCALE: 1" = 2000'

\* REFER TO WATER AND SEWER EXTENSION PLANS  
(CONTRACT No. 24-1057-D) FOR WATER AND SEWER  
CONSTRUCTION DETAILS AND NOTES.



MD. RTE. 175  
MSHA RIGHT - OF - WAY AS PER R/W PLAT 43155  
VEHICULAR INGRESS/EGRESS RESTRICTED

ZONED M-1  
PROPERTY OF STATE HIGHWAY ADMINISTRATION  
OF MARYLAND  
PO BOX 717  
707 NORTH CALVERT STREET  
HALEMORE, MARYLAND 20633-0717

- GENERAL NOTES
1. GROSS AREA OF PROPERTY IS 196,717 SQUARE FEET OR 4.516 AC. ALL ZONED M-1 LIGHT MANUFACTURING.
  2. PROPERTY BOUNDARIES, BEARINGS, DISTANCES AND TOPOGRAPHIC INFORMATION SHOWN ARE FROM BOUNDARY AND TOPOGRAPHIC SURVEY BY PETER M. JESCHKE DATED JANUARY 13, 1987.
  3. THE LOCATION OF UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
  4. THE PROPERTY IS LOCATED IN ZONE "C" - AREAS OF MINIMAL FLOODING OF THE FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND, PANEL 40 OF 45, COMMUNITY PANEL "C" 20084000-B.
  5. PROPERTY SETBACKS ARE AS FOLLOWS:  
EAST & WEST BUILDING - 50 FEET  
FENCES AND PARKING - 10 FEET  
SOUTH & NORTH 0 FEET
  6. DEVELOPMENT IS TO BE SERVED BY PUBLIC WATER AND SEWER.
  7. ALL STANDARDS CALLED FOR IN THESE PLANS, UNLESS OTHERWISE NOTED, REFER TO HOWARD COUNTY, MARYLAND STANDARDS AND SPECIFICATIONS AS SHOWN IN THE COUNTY'S DESIGN MANUAL - VOL. IV.
  8. STRUCTURAL FILL SHALL BE PLACED AS SPECIFIED IN THE SOILS REPORT PREPARED BY SCS CONSULTANTS, LTD. FOR PUBLIC STORAGE, INC., DATED JANUARY 8, 1987.
  9. PROPERTY IS SUBJECT TO SLOPE EASEMENTS ALONG MARYLAND ROUTE 957 (OLD WATERLOO ROAD) AS SHOWN ON MARYLAND STATE ROAD COMMISSION PLAT NO. 12443.
  10. WAREHOUSE BUILDINGS SHALL BE UNMANNED AND USED SOLELY FOR PRIVATE STORAGE.

SITE ANALYSIS

1. AREA:	4.516 AC. OR 196,717 SQ. FT.
2. PRESENT ZONING:	M-1 MANUFACTURING (LIGHT)
3. FLOOR SPACE:	WAREHOUSE 61,375 SQ. FT. MANAGERS OFF./APT. 1,305 SQ. FT.
4. MAXIMUM NUMBER OF EMPLOYEES:	2
5. NUMBER OF PARKING SPACES REQUIRED:	2
6. NUMBER OF PARKING SPACES PROVIDED:	35 STANDARD 1 HANDICAP
7. GREEN AREA TO REMAIN ON SITE:	66,637 SQ. FT. AND 34.9%
8. BUILDING COVERAGE OF SITE:	62,640 SQ. FT. AND 31.9%
9. TOTAL AREA OF PARKING LOT:	720 SQ. FT.
10. PERCENT GREEN SPACE REQUIRED IN PARKING AREA:	5% (36 SQ. FT.)
11. PERCENT GREEN SPACE PROVIDED IN PARKING AREA:	24% (170 SQ. FT.)

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
A	7010 MD. RTE. 957
B	7000 MD. RTE. 957
C	7020 MD. RTE. 957
D	7030 MD. RTE. 957
E	7040 MD. RTE. 957
F	7050 MD. RTE. 957



SUBDIVISION NAME <b>PUBLIC STORAGE</b>		SECT./AREA	LOT/PARCEL #
PLAT * OR L/F	BLOCK * ZONE	ELEC. DIST.	CENSUS TR.
L/F 1244/599	3 M-1	43	6012
WATER CODE B01		SEWER CODE 2420000	
OWNER WATERLOO ROAD ASSOCIATES 6917 ARLINGTON ROAD, SUITE 350 BETHESDA, MARYLAND 20814		PROJECT PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DEVELOPER/CONTRACT PURCHASER PUBLIC STORAGE, INC. 4707 EISENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304		LOCATION 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 45, PARCEL 123 C.M.P. 1244 FOLIO 599	
TITLE <b>SITE DEVELOPMENT PLAN</b>			
IMPROVEMENTS ONE STORY C.M.U. WAREHOUSES			
DATE MARCH 1987		SCALE 1" = 30'	SHT. 1 OF 7

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

APPROVED: CHIEF BUREAU OF ENGINEERING

DATE: 10-1-87  
DATE: 10-5-87  
DATE: 10-2-87  
DATE: 9/20/87  
DATE: 9-21-87

6-18-87

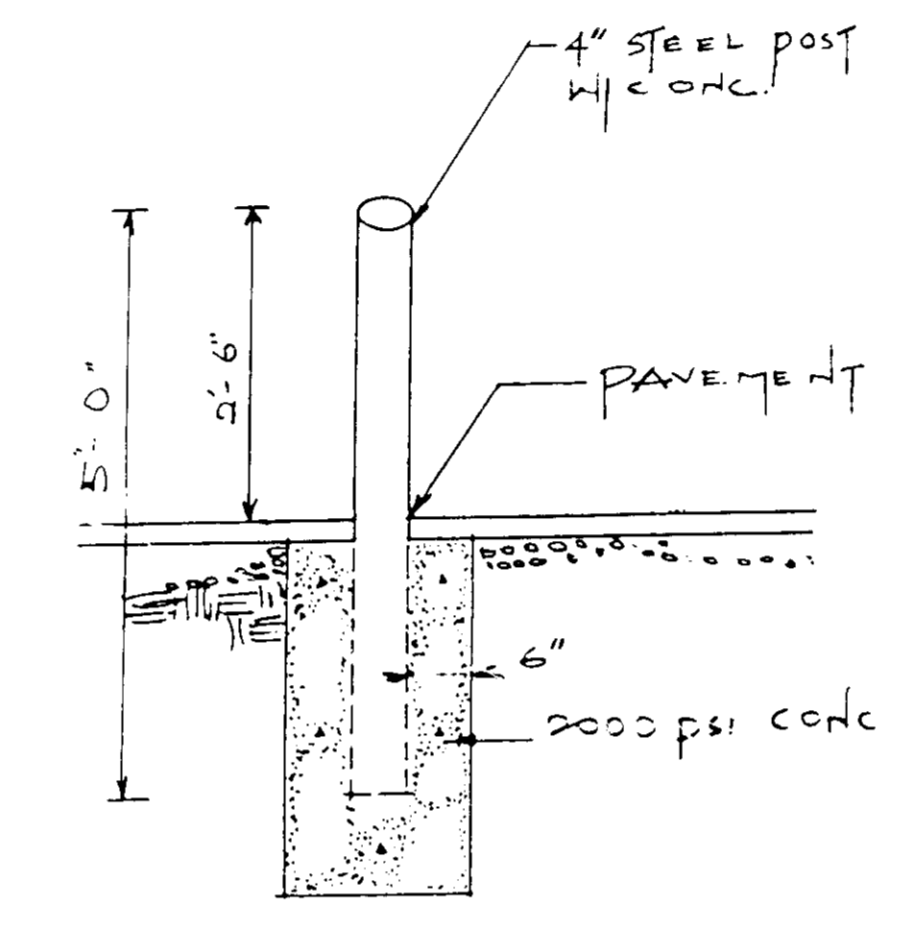
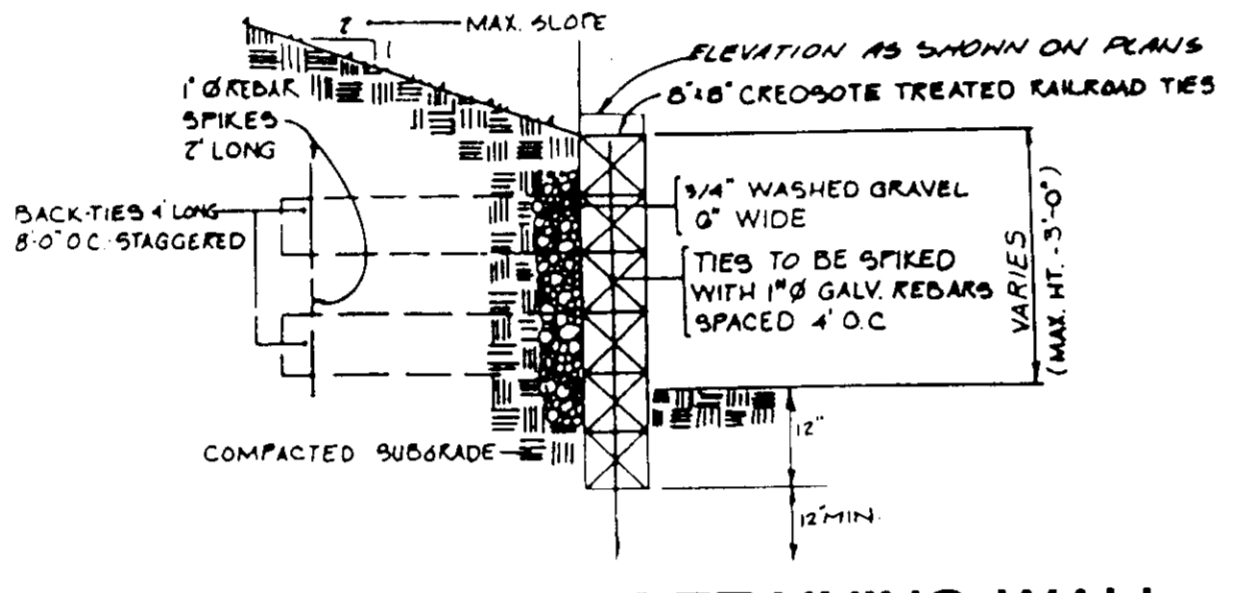
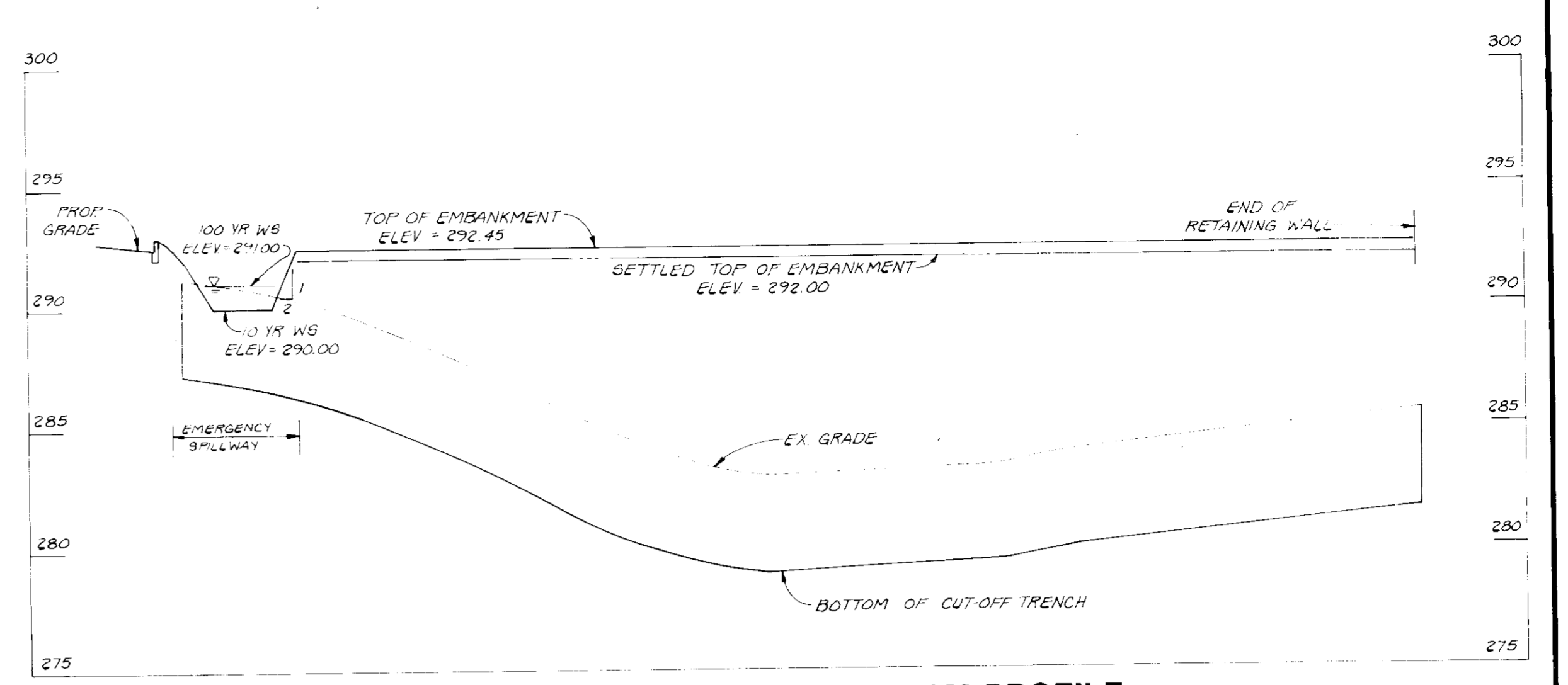
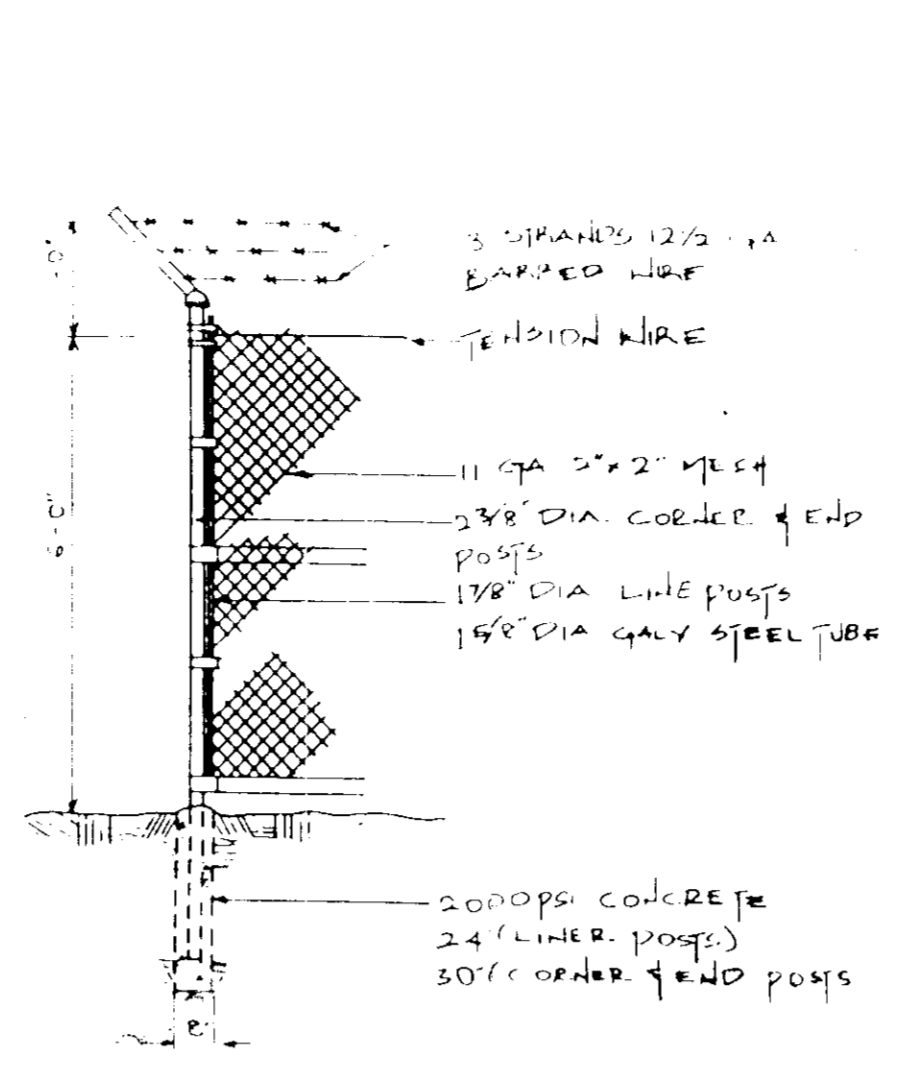
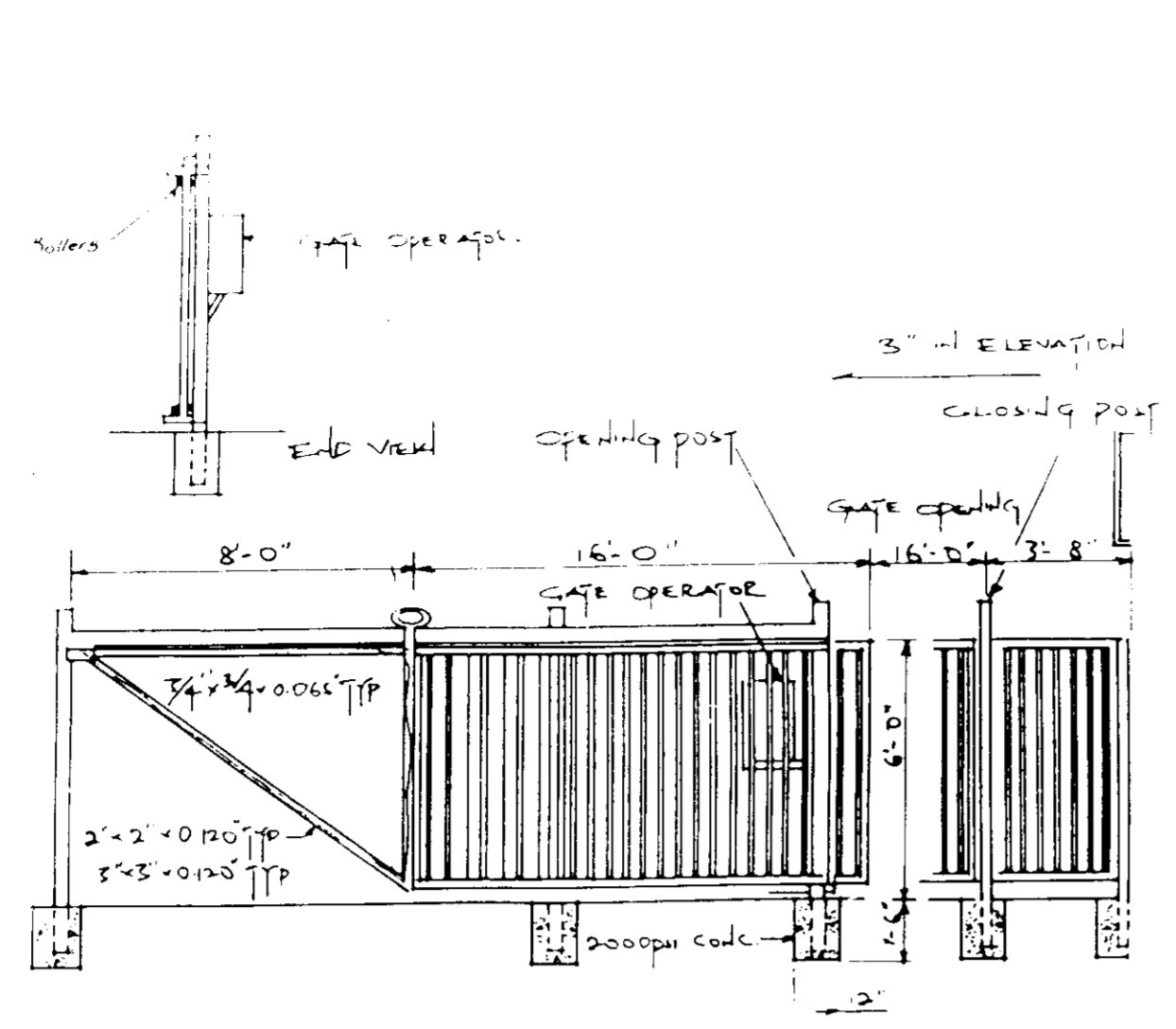
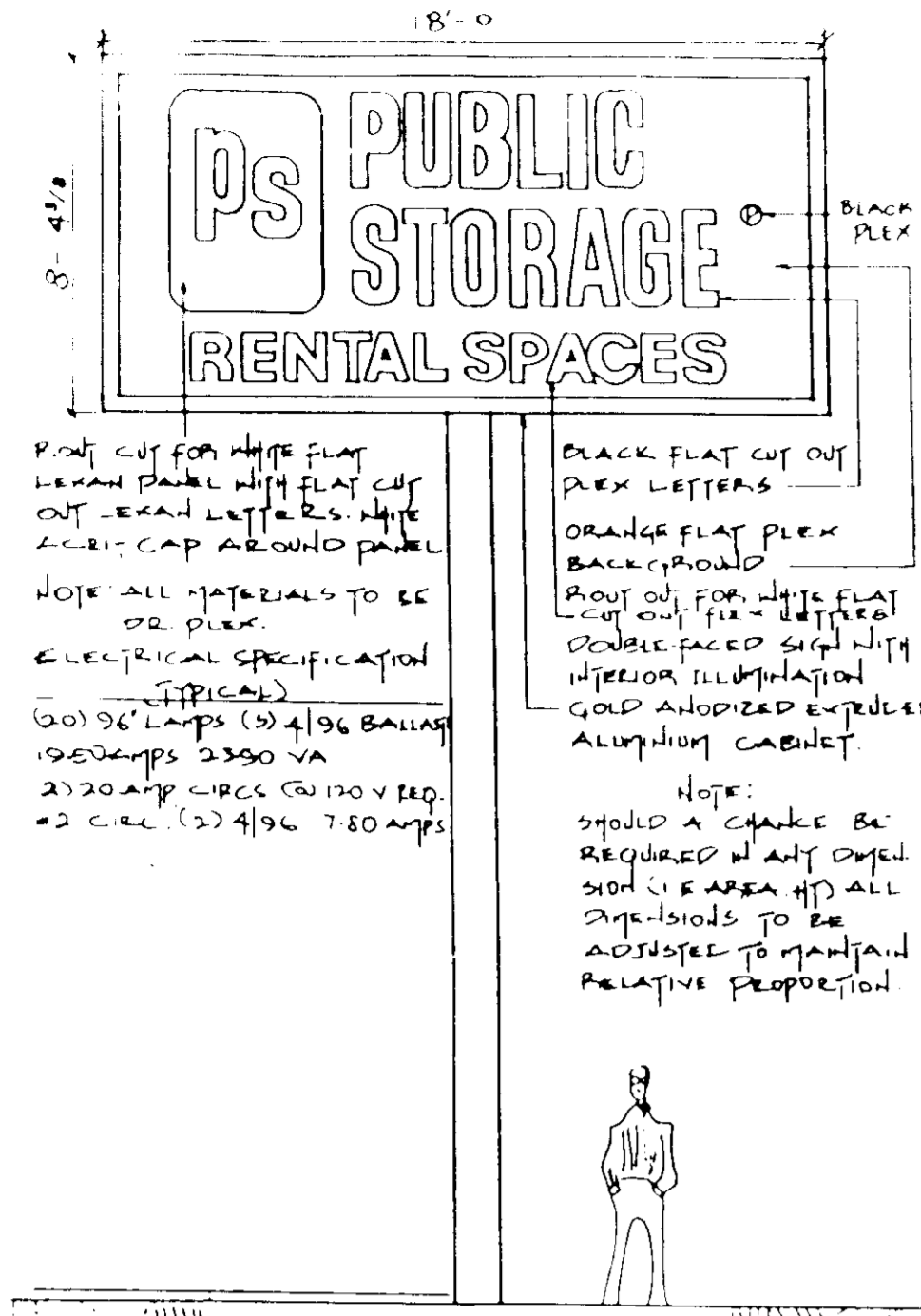
PLAN SCALE : 1" = 30'

Project	87064.00	3/87
Illustration	JAR/RND	MSI/JCS
Scale	1" = 30'	approval
DATE		DESIGNER
		CHECKERS

1	REVISED PER COUNTY COMMENTS	2/28/87	
2	REVISED PER COUNTY COMMENTS	2/28/87	
3	REVISED PER COUNTY COMMENTS	2/28/87	
4	REVISED PER COUNTY COMMENTS	2/28/87	
5	REVISED PER COUNTY COMMENTS	2/28/87	
6	REVISED PER COUNTY COMMENTS	2/28/87	
7	REVISED PER COUNTY COMMENTS	2/28/87	
8	REVISED PER COUNTY COMMENTS	2/28/87	
9	REVISED PER COUNTY COMMENTS	2/28/87	
10	REVISED PER COUNTY COMMENTS	2/28/87	

**PUBLIC STORAGE INC.**  
OLD WATERLOO ROAD PSI No. 0611  
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
**SITE DEVELOPMENT PLAN**

**kamber engineering, inc.**  
101 Chestnut Street  
Gaithersburg, Maryland 20877  
(301) 840-1030



**SOIL CONSERVATION SERVICE**  
PRETREATMENT CONSTRUCTION SPECIFICATIONS FOR FORDS

These specifications are appropriate to ponds within the scope of the Standard for practice 378.

I. **SITE PREPARATION**  
Area designated for borrow areas, embankment, and structural works shall be cleared, grubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and steep banks shall be sloped to no steeper than 1:1.

Area to be covered by the pond or reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface.

All cleared and grubbed material shall be disposed of outside and below the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpiled in a suitable location for use on the embankment and other designated areas.

II. **EMBRANKMENT**  
**Material**  
The fill material shall be taken from approved designated borrow area or areas. It shall be free of rocks, stumps, wood, rubbish, overcast stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height shall be increased along the length of the embankment as shown on the plans.

**Placement**  
Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum thickness (below compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the down-slope portion of the embankment.

**Compaction**  
The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be covered by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient moisture such that the required degree of compaction can be obtained with the equipment used.

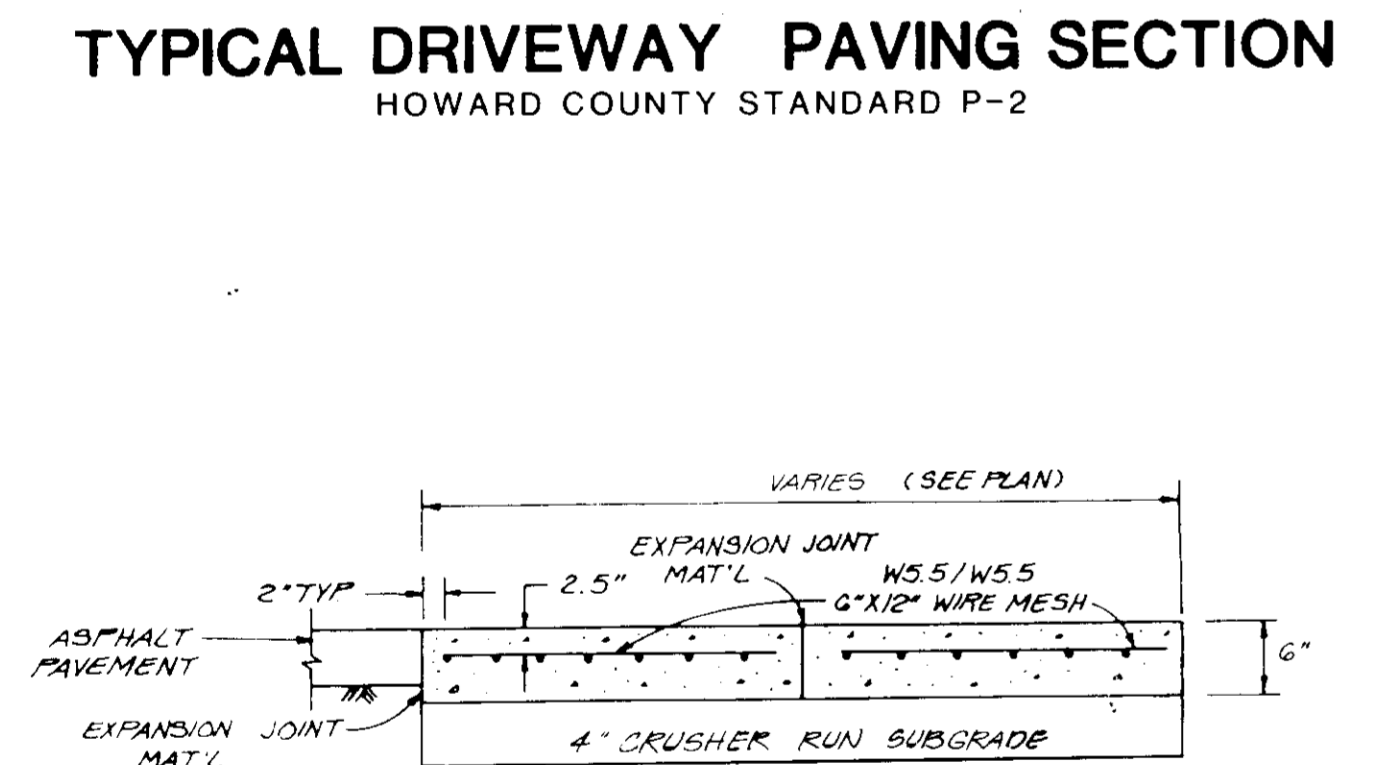
Where a minimum required density is specified, each layer of fill shall be compacted as necessary to obtain that density and is to be certified by the Engineer.

**Cutoff Trench**  
Where specified, a cutoff trench shall be excavated along or parallel to the crestline of the embankment as shown on the plans. The bottom width of the trench shall be as shown on the drawings, with the minimum width being four feet. The depth shall be at least four feet, or as shown on the plans. The side slopes of the trench shall be 1 to 1 or flatter. The backfill material for the cutoff trench shall be the most impervious material available and shall be compacted with equipment or rollers to assure maximum density and minimum permeability.

III. **STRUCTURAL BACKFILL**  
Backfill material shall be of the type and quality conforming to that specified for the adjusting fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tamper or other compaction equipment. The material needs to fill completely all space under and adjacent to the pipe. At no time during the backfilling operation shall drum equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe unless there is a compacted fill of twenty-four inches or greater over the structure or pipe.

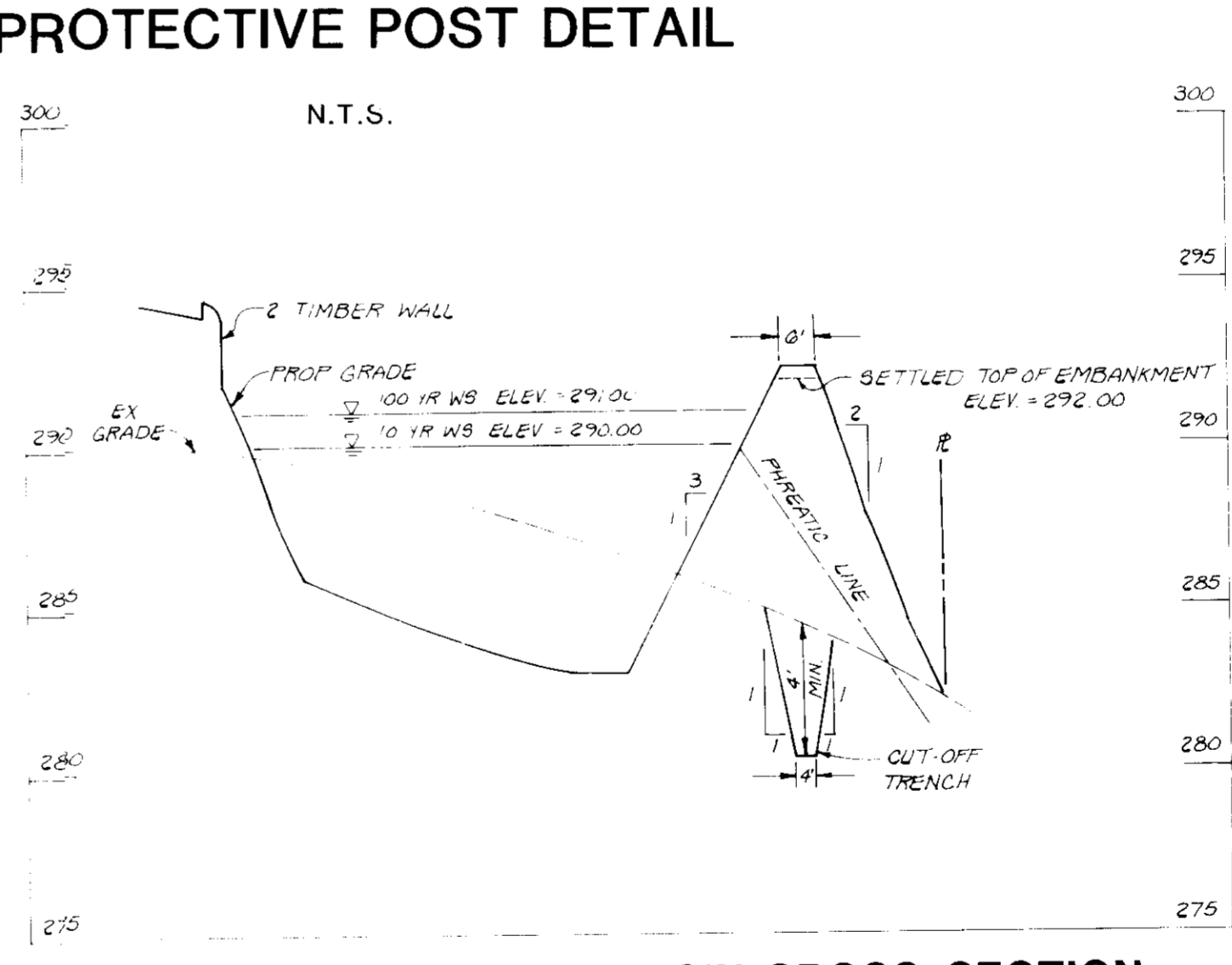
VI. **STABILIZATION**  
All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, spillway, spill and borrow areas, and borrow shall be stabilized by seeding, liming, fertilizing and mulching (if required) in accordance with the vegetative treatment specifications or as shown on the accompanying drawings.

VII. **EROSION AND SEDIMENT CONTROL**  
Construction operations will be carried out in such a manner that erosion will be controlled and silt and dirt pollution minimized. State and local laws concerning pollution abatement will be followed. Construction plans shall detail erosion and sediment control measures to be employed during the construction process.



**BUILDING USE CHART**

SPACE	A	B	C	D	E	TOTAL	% OF TOTAL	SQ. FT.
5 x 5	30	16	-	-	-	46	9.5	1,150
5 x 10	36	2	-	-	-	38	20.3	4,900
7.5 x 10	48	-	-	-	-	48	10	3,600
10 x 10	40	49	8	-	-	97	20.1	9,700
10 x 15	30	14	-	26	22	92	19.1	13,800
10 x 20	28	21	28	-	-	77	16	15,400
10 x 30	-	24	-	-	-	24	5.0	7,200
TOTAL	272	126	36	26	22	482	100	55,750



THOMAS G. HARRIS, JR.  
OWNER  
198180  
DEAF TELETYPE NUMBER  
981183

DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
JOHN B. MULLIGAN, CHIEF  
1981818

DIVISION OF COMPREHENSIVE AND TRANSPORTATION PLANNING  
WILLIAM S. CHESTNUT, CHIEF  
1981237

OFFICE OF PLANNING & ZONING OF HOWARD COUNTY  
GEORGE HOWARD BUILDING  
3430 COURT HOUSE DRIVE, ELLSWORTH CITY, MARYLAND 21043-4889

January 8, 1987

RECEIVED  
JAN 13 1987  
PUBLIC STORAGE INC.  
S.E. REGION

Mr. Fedi Gezy  
Development Coordinator  
Public Storage, Inc.  
4707 Eisenhower Avenue  
Alexandria, VA 22304

RE: Residential - Security uses in M-1 & M-2 Districts

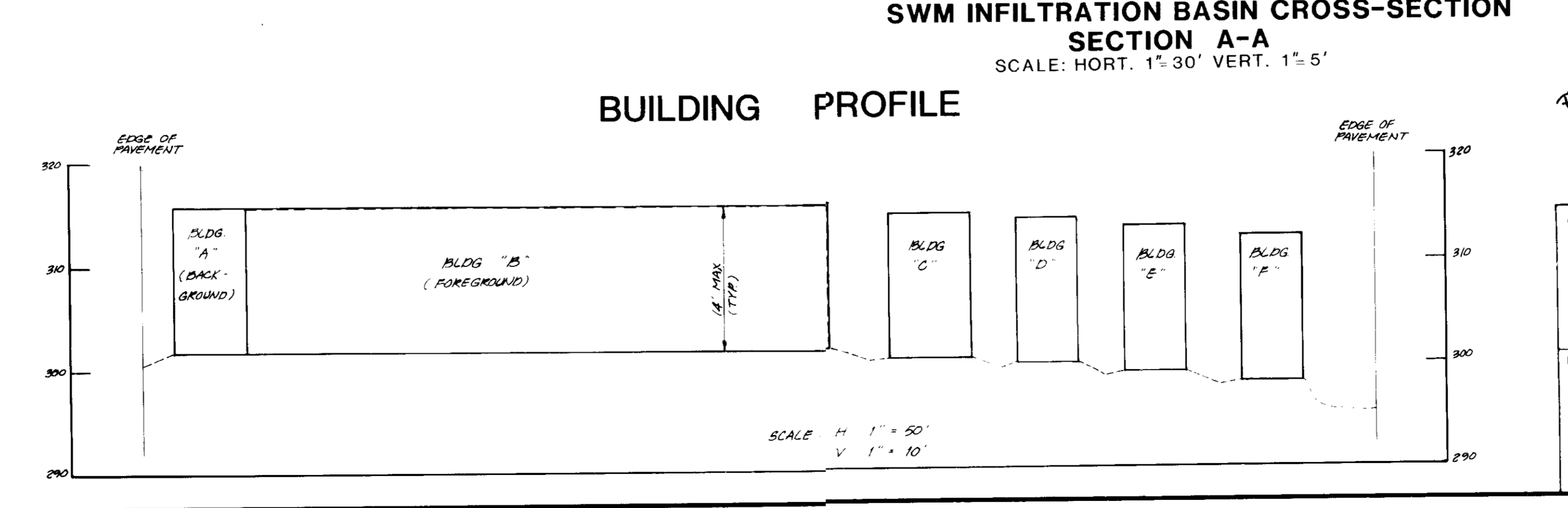
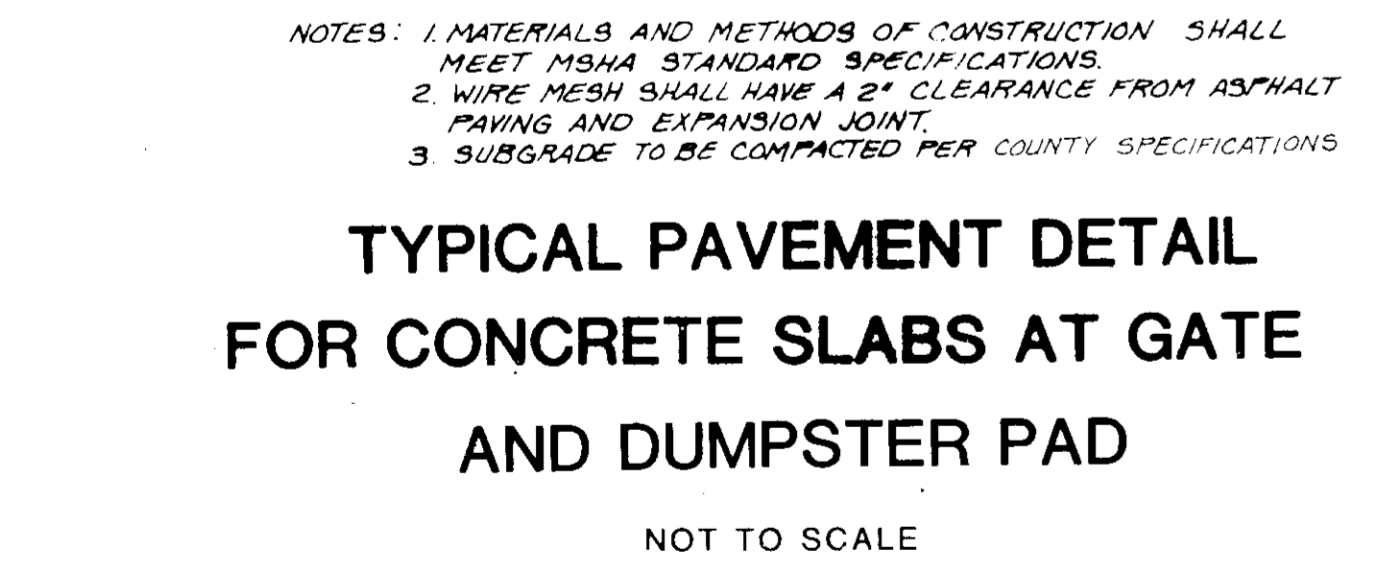
Dear Mr. Gezy:

In response to your letter of December 2, 1986, regarding the above referenced matter, review of Section 118(C)(1) of the Howard County Zoning Regulations and the Planning Director's interpretation of December 12, 1986, accessory uses, permits a manager's dwelling unit apartment within the building housing the manager's office. The apartment is considered an accessory use for warehouses.

Should you have any questions regarding the above, please contact our office, 992-2352, at your convenience. A staff member familiar with this subject and correspondence will be available to assist you. Any problems with the processing of this matter or correspondence relevant to this subject should be directed to the signer.

Very truly yours,  
John B. Mulligan, Chief  
Division of Land Development and Zoning Administration

JHM/LP:bsw



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

COUNTY HEALTH OFFICER  
DATE 10-1-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DIRECTOR  
DATE 10-5-87

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

DIRECTOR  
DATE 10/2/87

CHIEF BUREAU OF ENGINEERING  
DATE 9-21-87

6-18-87



**SITE PLAN DETAILS**

OWNER WATERLOO ROAD ASSOCIATES 6917 ARLINGTON ROAD, SUITE 350 BETHESDA, MARYLAND 20814	PROJECT PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611
DEVELOPER/CONTRACT PURCHASER PUBLIC STORAGE, INC. 4707 EISENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304	LOCATION 181 ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 43, PARCEL 123 C.M.P. 1244 FOLIO 599
TITLE <b>SITE PLAN DETAILS</b>	
IMPROVEMENTS	
DATE MARCH 1987	SCALE AS SHOWN
SHT. 2 OF 7	

**PUBLIC STORAGE INC.**  
OLD WATERLOO ROAD PSI No. 0611  
181 ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**REVISIONS**

NO.	DESCRIPTION	DATE	BY	APPROVAL
3	REVISED PER COUNTY COMMENTS	9/26/87	MSI	PEB
2	REVISED PER COUNTY COMMENTS	9/16/87	MSI	PEB
1	REVISED PER COUNTY COMMENTS	9/17/87	MSI	PEB

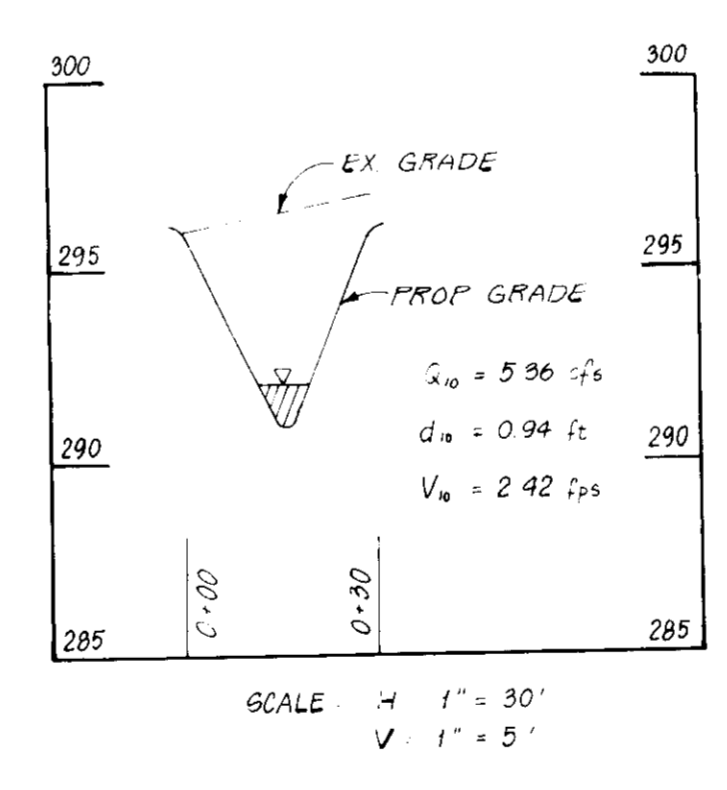
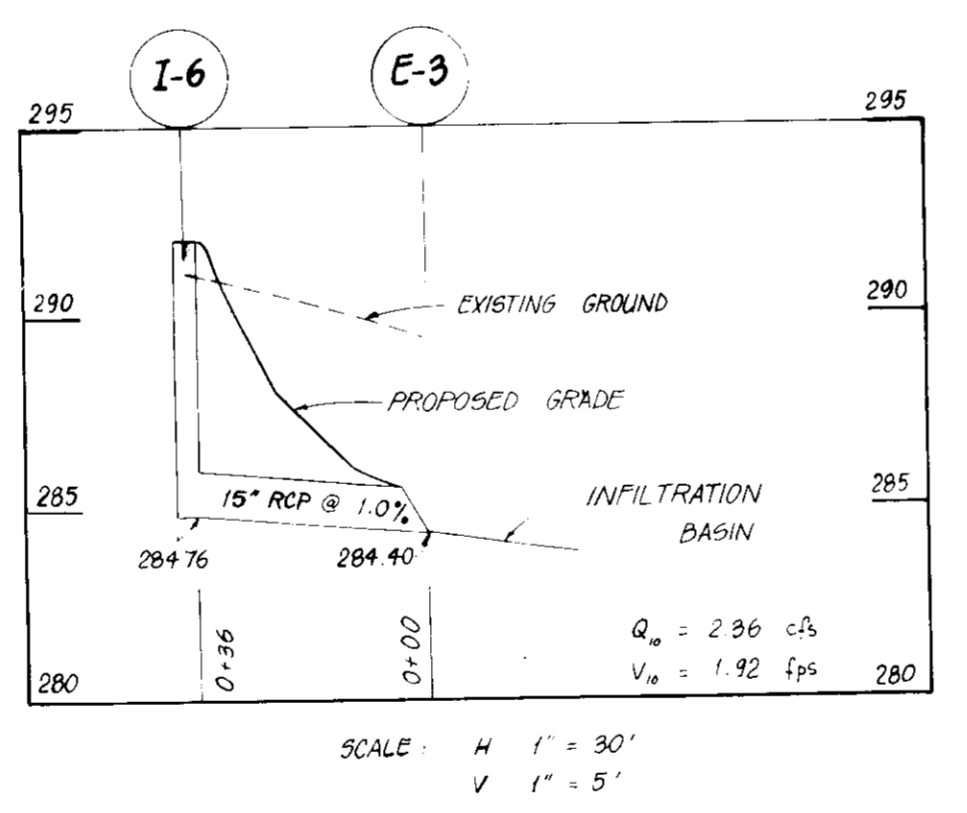
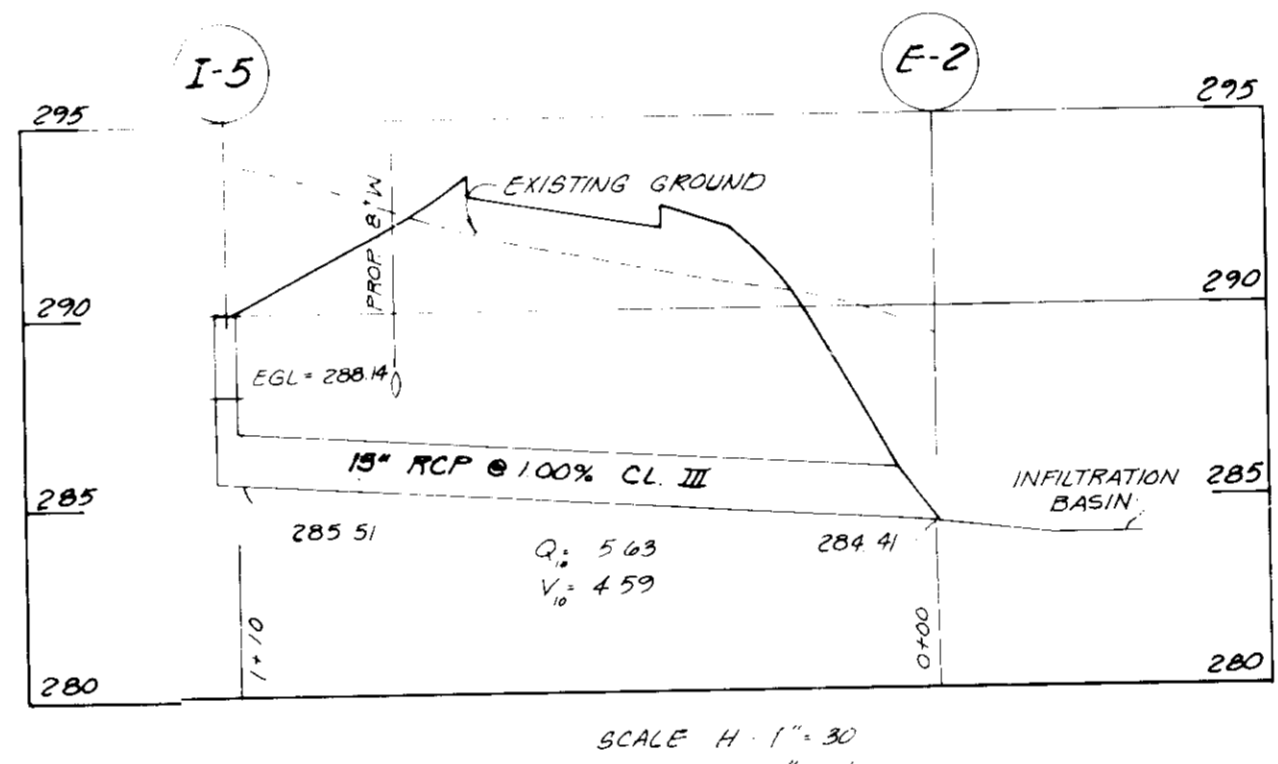
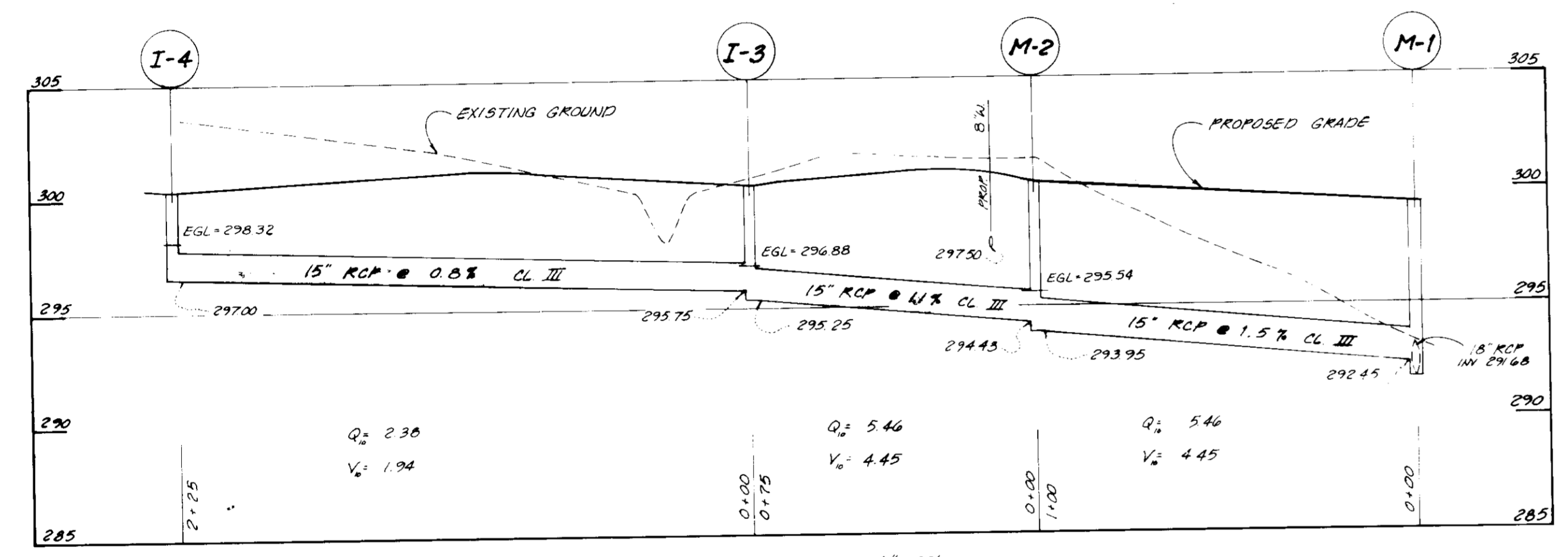
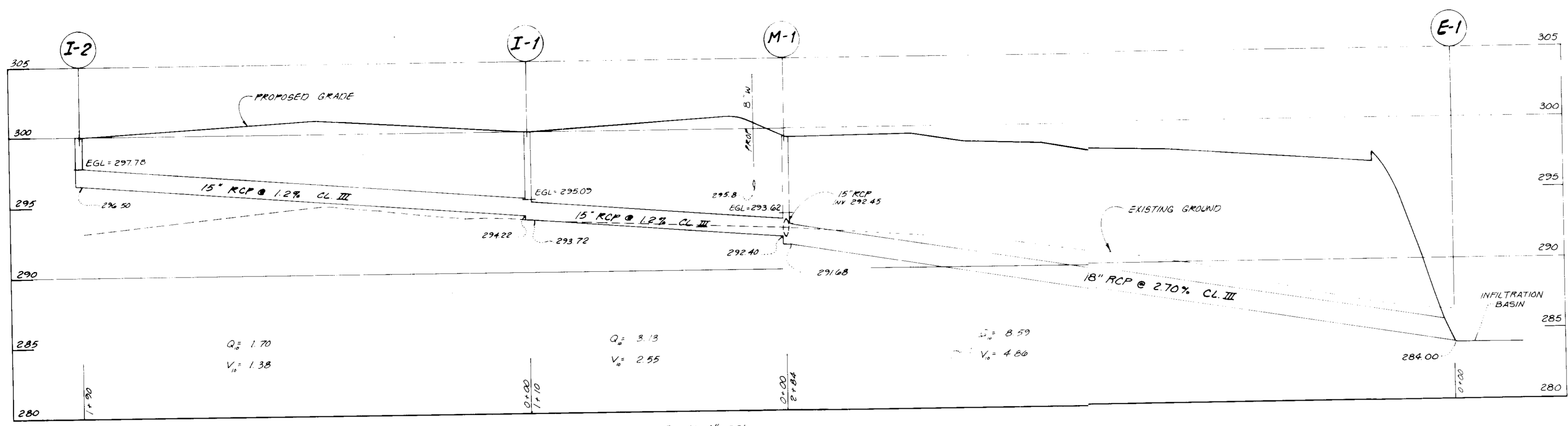
**DATE** 3/87  
**PROJECT** 87064.00  
**ILLUSTRATION** RND  
**SCALE** AS SHOWN  
**APPROVAL** SHOWN  
**DATE** 3/87

**kamber engineering, inc.**  
civil environmental  
galliersburg, md (301) 640-1030  
surveying (703) 777-9822

2 of 7

SDP-87-190

- Excavation should be carried out with light weight equipment to minimize compaction of the soil profile.
- The soils should be scarified if the soil surfaces become smeared or compacted by equipment.
- Protruding tree roots or other objectionable material should be removed from the basin.
- Any poor soils, large rocks or protruding tree roots found in the basin bottom should be removed, replaced, and re-packed with permeable soils.
- The design engineer or supervisor should be contacted if excessive groundwater seepage occurs or if there is a presence of bedrock at the bottom.
- Areas under the embankments shall be cleared, grubbed, and stripped of topsoil to remove trees, vegetation, roots or other objectionable material.
- The fill material shall be clean mineral soil free of roots, woody vegetation, oversized stones, rocks, or other objectionable material.
- Fill material shall be placed in six-inch to eight-inch thick continuous layers over the entire length of the fill. Compaction shall be obtained by raking and hauling the construction equipment over the fill so that the tread track of the equipment or by the use of a compactor.
- Debris should be removed from all areas of the infiltration basin whenever the site is inspected, if feasible.
- Sediment should be removed when the inspector determines that accumulations are affecting dewatering rates, blocking inlets or outlets, or otherwise preventing the proper operation of the infiltration basin. Sediment should be removed only after the layer has dried, cracked, and separated from the natural floor of the basin. After sediment is removed, the basin floor should be deeply tilled with rotary tillers or disc harrows to restore the recharge rate of compacted soils and aerate the soils.



**BASIN MAINTENANCE NOTE:**  
Sediment should be removed when the accumulations are affecting dewatering rates, blocking inlets or outlets or otherwise preventing the proper operation of the infiltration basin or minimum once a year. Sediment should be removed only after the layer has dried, cracked and separated from the natural floor of the basin. After sediment is removed, the basin floor should be deeply tilled with rotary tillers or disc harrows to restore the recharge of compacted soils and aerate the soils.

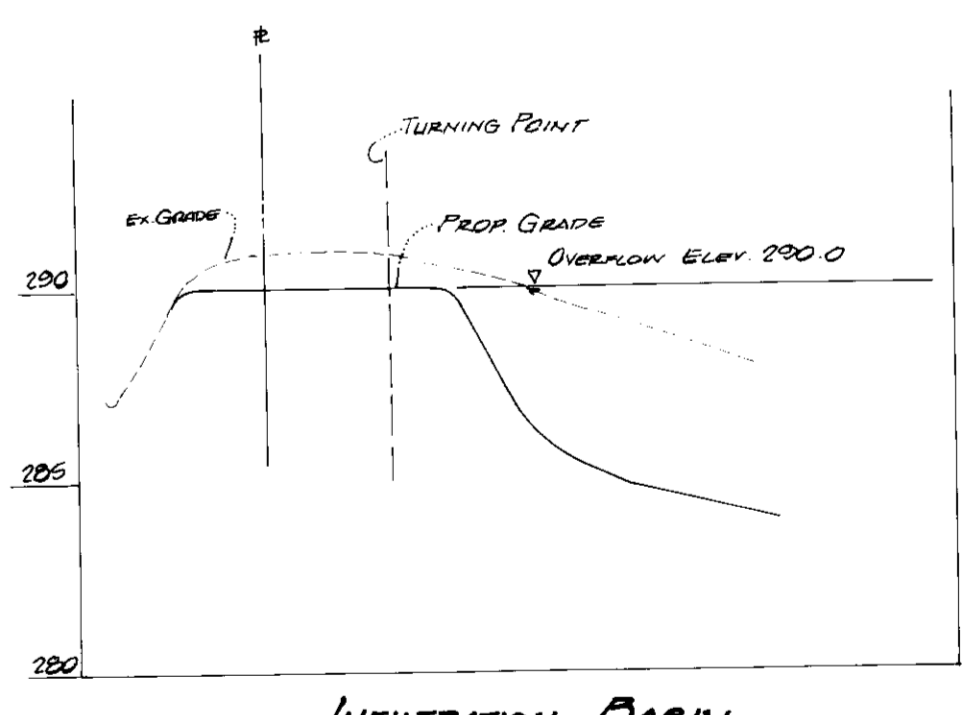


TABLE 2-1  
INFILTRATION BASIN  
CONSTRUCTION INSPECTION CHECKLIST

PROJECT NAME:	LOCATION:			
PROJECT NUMBER:	NAME OF INSPECTOR:			
PHASE	CONDITION (SATIS/UNSAT)	DATE INSPECTED	DATE PHASE COMPLETED	REMARKS/DESCRIPTION OF ACTIONS TAKEN
PRE-EXCAVATION (sediment control) A. Runoff Control B. Area Stabilized				
EXCAVATION A. Size & Location B. Side Slope Stability C. Soil Permeability D. Groundwater/Bedrock				
EMBANKMENT A. Cut-off Trench B. Fill Material				
FINAL EXCAVATION (sediment control) A. Stabilized Area B. Sediment Removal C. Tilling D. Lining E. Stabilization				
FINAL INSPECTION A. Dimensions B. Stabilization C. Access Initial Depth = _____ Ft.				

STORM DRAIN STRUCTURE SCHEDULE

DESCRIPTION NO. TYPE STD#	INV. IN	INV. IN	INV. OUT	DATE OR TOP ELEV.
I-1 Inlet SD4.32	294.22	-	293.72	300.1
I-2 Terminal Inlet SD4.32	-	-	296.50	300.0
I-3 Inlet SD4.2.9	295.75	-	295.25	300.4
I-4 Terminal Inlet SD4.2.5	-	-	297.00	300.4
I-5 Inlet SD4.01	-	-	285.51	290.0
I-6 Inlet SD4.01	292.40	292.45	292.0	290.4
M-1 Manhole GS.01	292.40	292.45	291.58	290.4
M-2 Manhole GS.01	294.43	-	293.95	300.4
E-1 Outfall	-	-	284.00	-
E-2 Outfall	-	-	284.41	-
E-3 Outfall	-	-	284.40	-

STORM DRAIN PIPE SCHEDULE

DESCRIPTION	PIPE SIZE	CLASS	LENGTH
I-1 to I-2	15" RCP	CLASS III	79'
I-2 to I-3	15" RCP	CLASS III	284'

NOTES: 1. CONTRACTOR SHALL FURNISH AND INSTALL ALL APPURTENANCES REQUIRED FOR COMPLETE INSTALLATION.  
2. STANDARD NUMBERS REFER TO THE STANDARD DETAILS AS DESCRIBED IN THE HOWARD COUNTY DESIGN MANUAL, VOL. III.  
3. INLETS 1, 2 AND 6 HAVE DEPRESSION OPENINGS.

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

10-1-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

10-6-87

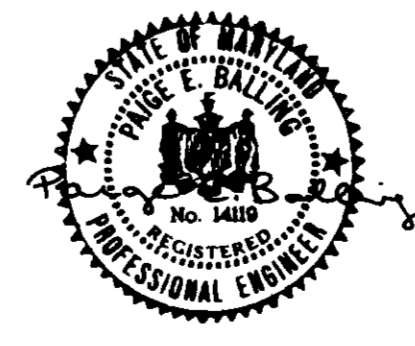
10-2-87

6-18-87

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

9-30-87

2-21-87



OWNER WATERLOO ROAD ASSOCIATES 8017 ARLINGTON ROAD, SUITE 360 BETHESDA, MARYLAND 20814	PROJECT PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611
DEVELOPER/CONTRACT PURCHASER PUBLIC STORAGE, INC. 4707 EISENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304	LOCATION 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 43 PARCEL 123 C.M.P. 1244 FOLIO 888
TITLE <b>STORM DRAIN &amp; WATER MAIN PROFILES</b>	
DATE MARCH 1987	SCALE AS SHOWN
SHT. 3 OF 7	

project	87064-00	date	3/87
illustration	RND	engineering	MSI
scale	AS SHOWN	approval	PEB

3	REVISED PER COUNTY COMMENTS	9/2/87	date
2	REVISED PER COUNTY COMMENTS	6/26/87	date
1	REVISED PER COUNTY COMMENTS	5/17/87	date
0	1 <sup>ST</sup> SUBMITTAL TO COUNTY	5/17/87	date
no	description	revisions	

PUBLIC STORAGE INC.  
OLD WATERLOO ROAD PSI No. 0611  
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
STORM DRAIN PROFILES

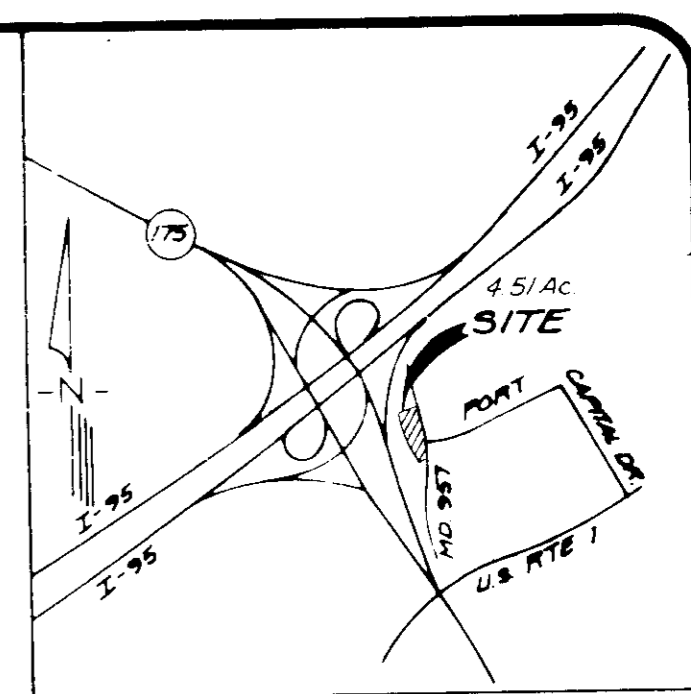
kamber engineering, inc.  
civil environmental  
1eesburg, va  
9011 Leesburg Road  
(703) 777-9822

BENCH MARK  
NO. 1 - CUT TOP ROADSIDE PAVEMENT  
20' UP FROM HIGHWAY -  
ELEVATION 308.25



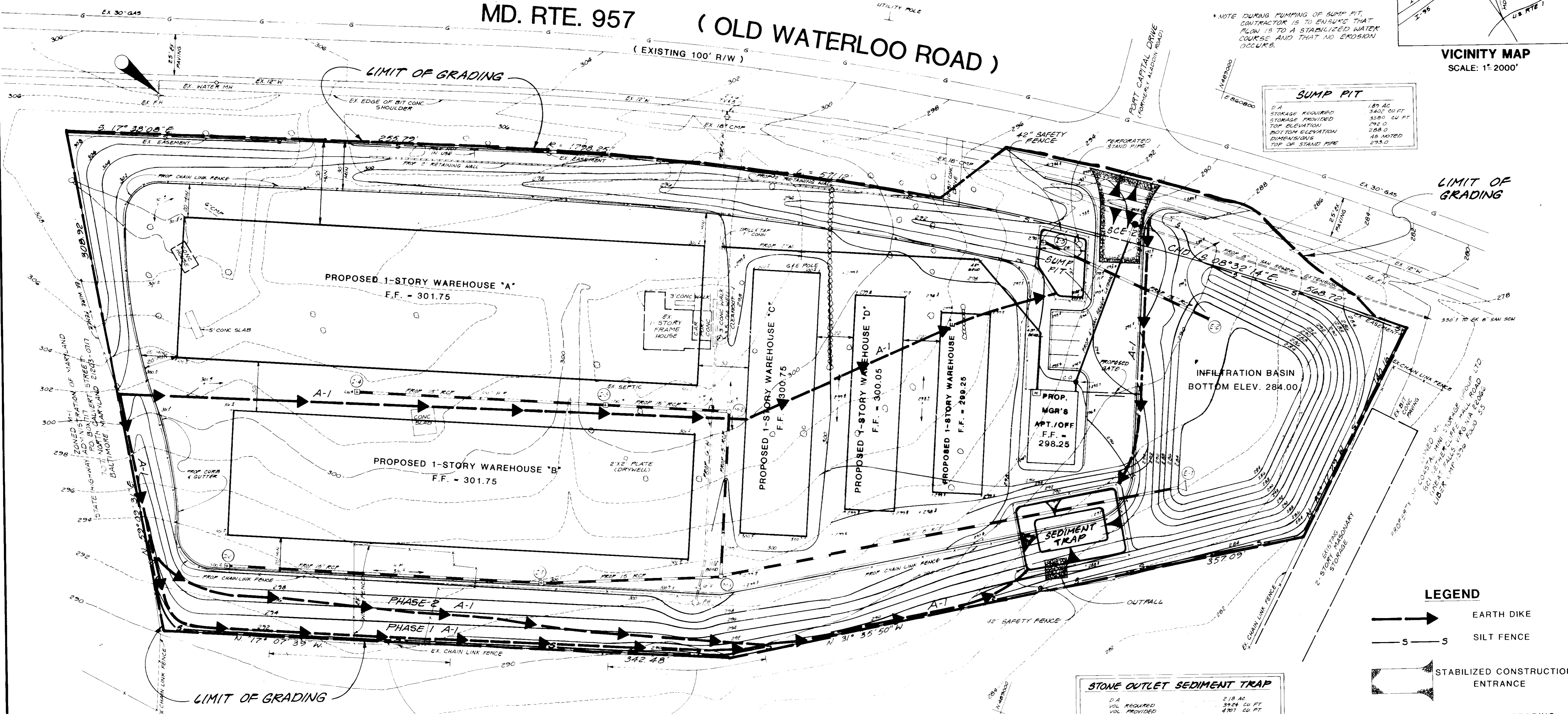
# MD. RTE. 957 (OLD WATERLOO ROAD)

(EXISTING 100' R/W)



SUMP PIT	
D.A. STORAGE REQUIRED	189 CU FT
STORAGE PROVIDED	3400 CU FT
TOP ELEVATION	310.0
BOTTOM ELEVATION	298.0
DIMENSIONS	48 X 48
TOP OF STRAND PIPE	293.0

\*NOTE DURING PUMPING OF SUMP PIT, CONTRACTOR IS TO ENSURE THAT FLOW IS TO A STABILIZED WATER COURSE AND THAT NO EROSION OCCURS.



LEGEND	
	EARTH DIKE
	SILT FENCE
	STABILIZED CONSTRUCTION ENTRANCE
	LIMIT OF GRADING

STONE OUTLET SEDIMENT TRAP	
D.A. VOL. REQUIRED	210 AC
VOL. PROVIDED	3784 CU FT
EMBANK. ELEV.	470' CU FT
UNDER ELEVATION	298.0
BOTTOM ELEVATION	283.5
UNDER DIMENSIONS	20' X 41'
TYPE	18" STONE OUTLET

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.

*James M. Helm* 9-3-87 Date  
U.S. Soil Conservation Service

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

*Robert W. Zehn* 9-3-87 Date  
Howard Soil Conservation District

POSITIVE DRAINAGE IS TO BE MAINTAINED AT ALL TIMES IN THESE AREAS.

ZONED "M"  
PROPERTY OF STATE HIGHWAY ADMINISTRATION  
OF MARYLAND  
PO BOX 717  
207 NORTH CALVERT STREET  
BALTIMORE, MARYLAND 21203-0717

## PLAN FOR SEDIMENT CONTROL CONSTRUCTION ONLY

SEE SITE PLAN (SHEET 1 OF 7) FOR SITE CONSTRUCTION DETAILS

PLAN SCALE: 1" = 30'

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

*John G. Gale* 10-1-87  
COUNTY HEALTH OFFICER  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*John P. Musselman* 10-2-87  
DIRECTOR  
CHIEF DIVISION OF LAND DEVELOPMENT  
AND ZONING ADMINISTRATION  
DATE

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

*James M. Helm* 9/30/87  
DIRECTOR  
DATE

*James M. Helm* 9-21-87  
CHIEF BUREAU OF ENGINEERING  
DATE

By the Developer:

"I 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."

*Robert W. Zehn*  
Signature of Developer  
Print name below signature  
DATE

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."

*Paige E. Balling* 6/25/87  
Signature of Engineer  
Print name below signature  
DATE  
PAIGE E. BALLING



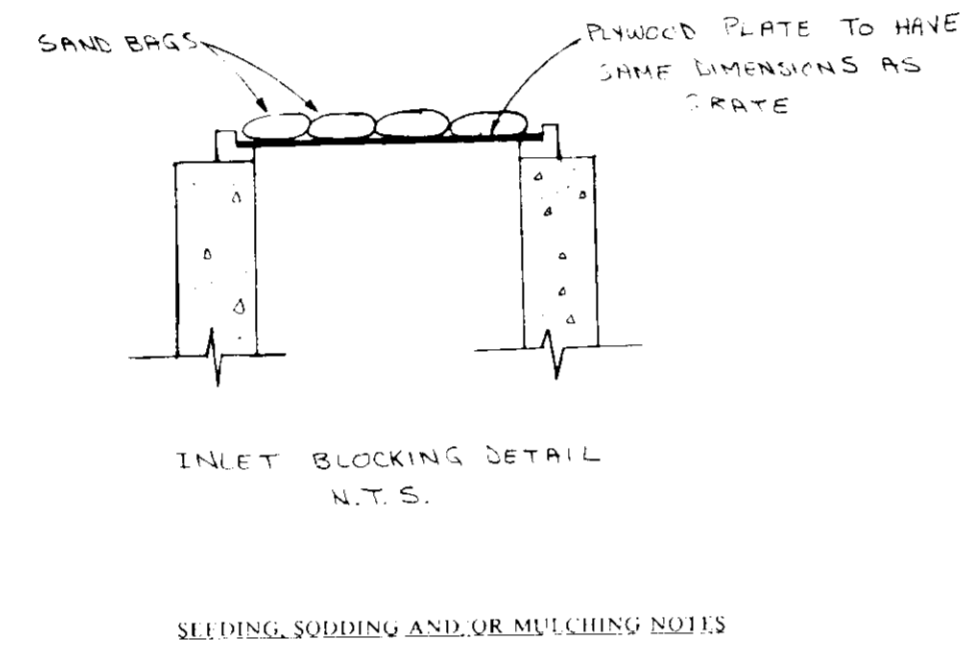
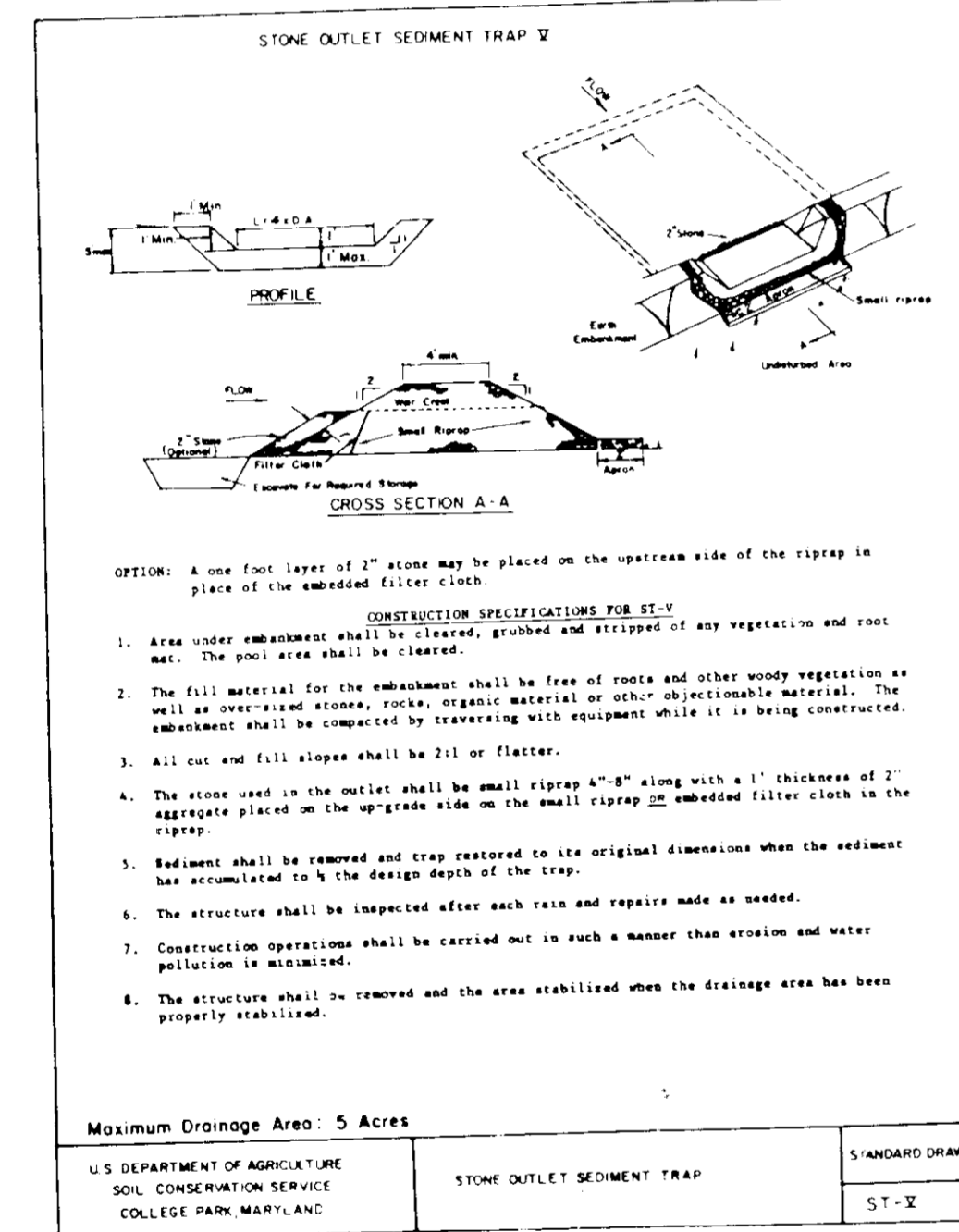
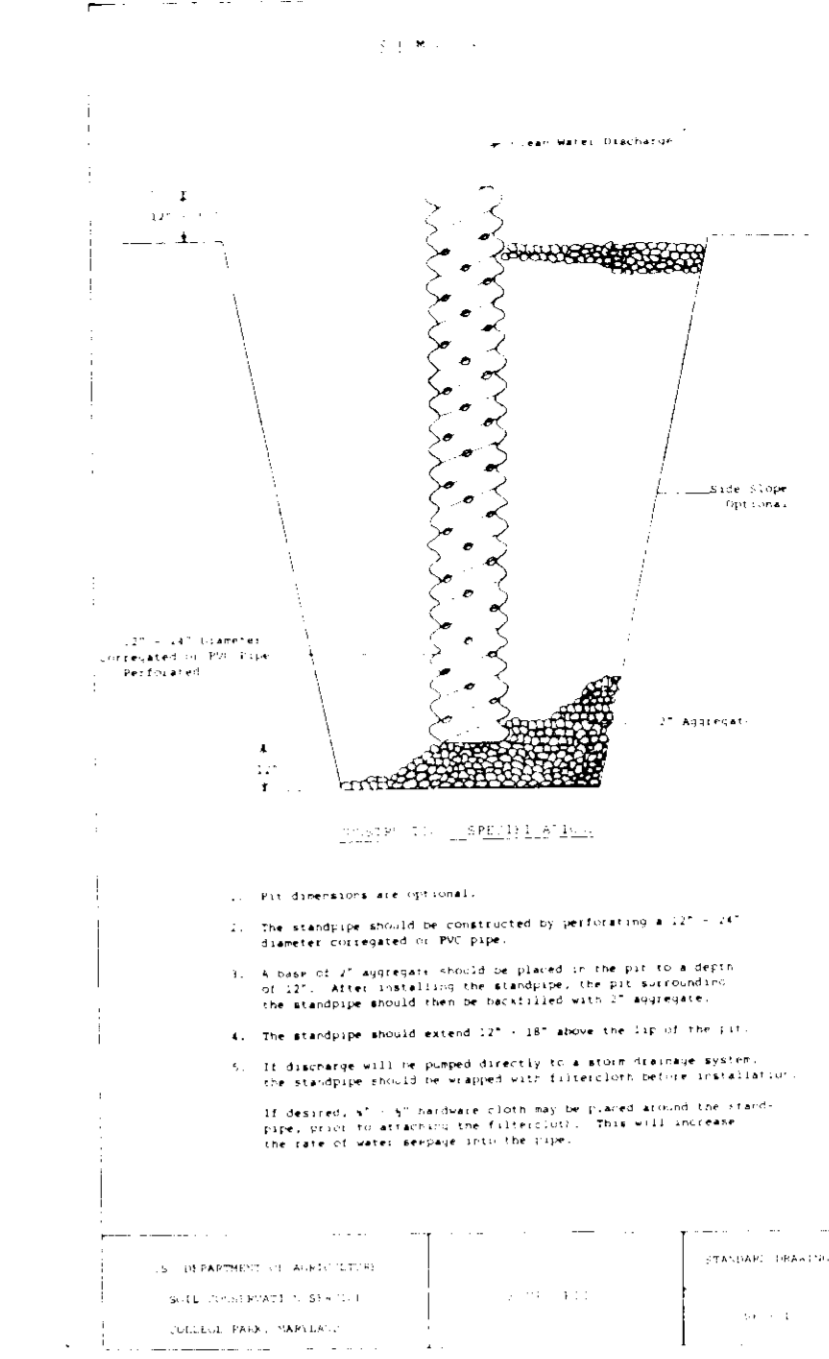
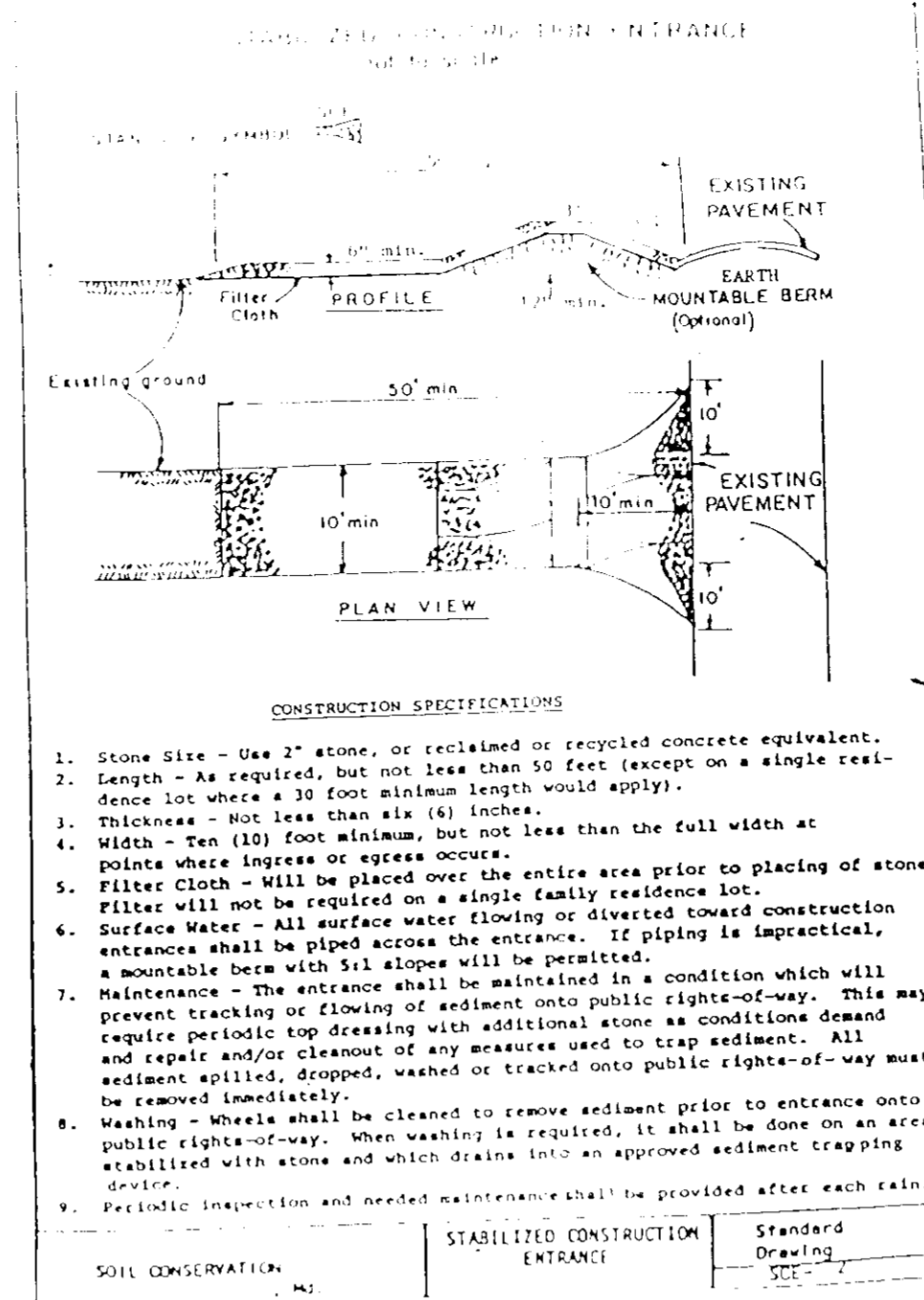
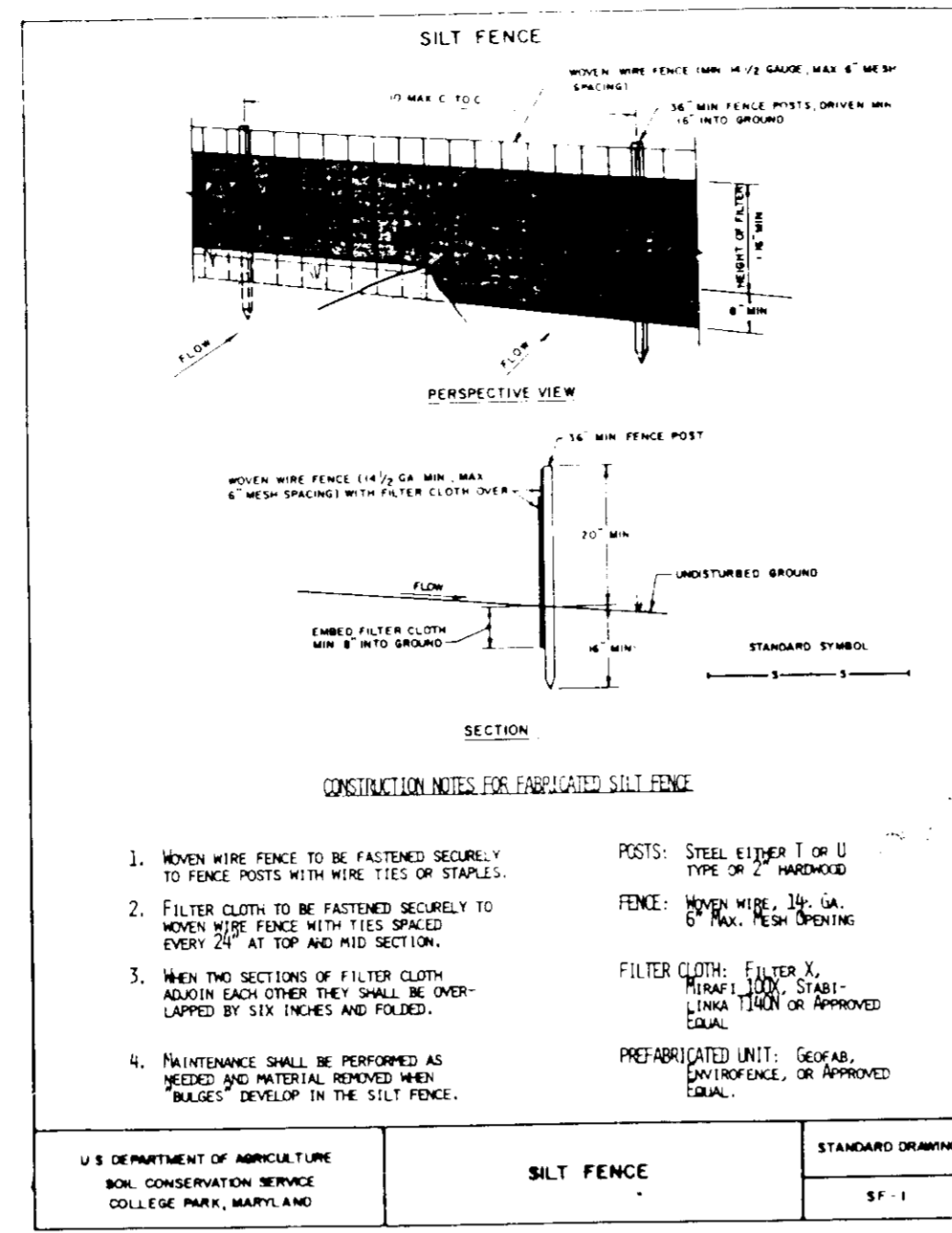
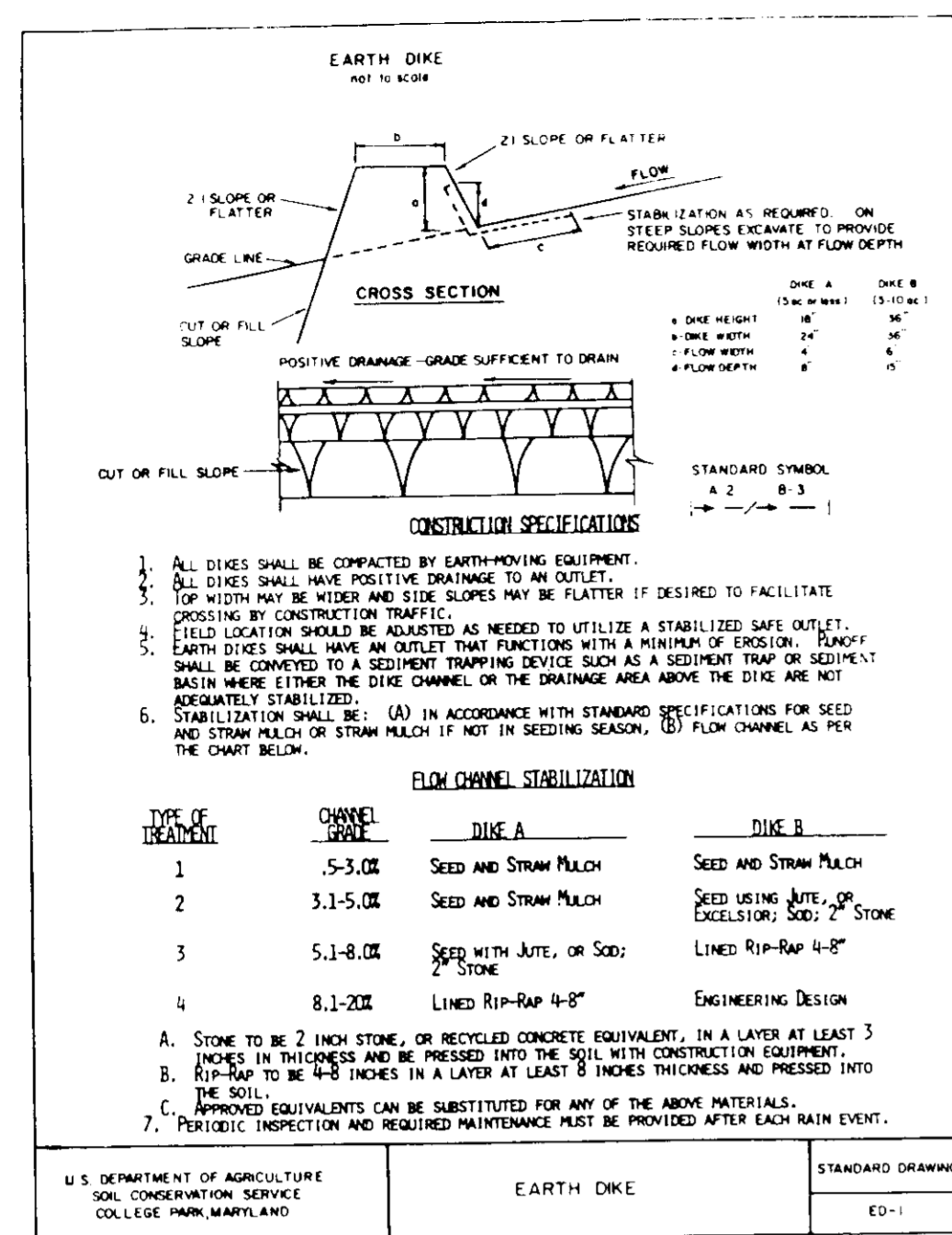
OWNER WATERLOO ROAD ASSOCIATES 6617 ARLINGTON ROAD, SUITE 300 BETHESDA, MARYLAND 20814	PROJECT PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611
DEVELOPER/CONTRACT PURCHASER PUBLIC STORAGE, INC. 4707 EISENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304	LOCATION 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 43, PARCEL 123 C.M.P. 1244 FOLIO 682
TITLE <b>SEDIMENT &amp; EROSION CONTROL PLAN</b>	
DATE MARCH 1987	SCALE 1" = 30'
SHT. 4 OF 7	

Project	Date	Author	Check	Approval
87084.00	3/87	JAR/RND	LEH/MSI	PFB

Revised	By	Description	Date
1	JAR/RND	ISSUED FOR PERMITS	3/87
2	LEH/MSI	REVISED FOR PERMITS	6/87
3	JAR/RND	REVISED FOR PERMITS	9/87
4	LEH/MSI	REVISED FOR PERMITS	11/87
5	JAR/RND	REVISED FOR PERMITS	1/88

**PUBLIC STORAGE INC.**  
OLD WATERLOO ROAD PSI No. 0611  
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
**SEDIMENT AND EROSION CONTROL PLAN**

kamber engineering, inc.  
101 Chestnut Street  
Gaithersburg, Maryland 20877  
(301) 840-1030



**SEDIMENT CONTROL NOTES**

- 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)
- 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.
- Following initial soil disturbance or re-disturbance, 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, 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins 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.
- 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 stabilization with 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.
- 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.

Site Analysis:	
Total Area of Site	4.51 Acres
Area Disturbed	2.75 Acres
Area to be roofed or paved	2.94 Acres
Area to be vegetatively stabilized	1.57 Acres
Total Cut	866 Cu. yds
Total Fill	343 Cu. yds
Offsite waste/borrow area location	

**SEQUENCE OF CONSTRUCTION**

- OBTAIN GRADING PERMIT.
- CLEAR AND GRUB ONLY THE AREA NECESSARY FOR CONSTRUCTION OF THE STABILIZED CONSTRUCTION ENTRANCE CONSTRUCT ENTRANCE.
- CLEAR AND GRUB AREAS NECESSARY FOR THE INSTALLATION OF THE SEDIMENT CONTROL DEVICES, INCLUDING PHASE 1 EARTH DIKE ALONG WESTERN PROPERTY LINE, EARTH DIKE NORTH OF PROPOSED INFILTRATION BASIN, SILT FENCES, SUMP PIT #1 AND SEDIMENT TRAP #1.
- CONSTRUCT SEDIMENT CONTROL DEVICES AND STABILIZE IMMEDIATELY.
- CLEAR AND GRUB REMAINDER OF SITE.
- REMOVE EXISTING ONE-STORY HOUSE AND OTHER EXISTING STRUCTURES.
- INSTALL EARTH DIKE ALONG CENTER OF SITE.
- FINAL GRADE SITE INCLUDING THE SWALE ALONG THE EASTERN PROPERTY LINE, ADJUST EXISTING GRADIS IN SWALE TO MAINTAIN POSITIVE DRAINAGE TO SUMP PIT #1 STABILIZE SWALE IMMEDIATELY.
- INSTALL PHASE 2 EARTH DIKE.
- REMOVE PHASE 1 EARTH DIKE AND INSTALL SILT FENCE ALONG WESTERN PROPERTY LINE.
- STABILIZE ANY AREAS NOT TO BE PAID PER STANDARDS AND SPECIFICATIONS FOR PERMANENT SEEDING.
- INSTALL WATER AND SEWER SYSTEM.
- INSTALL STORM DRAIN SYSTEM FROM INLET #1 TO MANHOLE #1 AND FROM INLET #2 TO MANHOLE #2 PROVIDING AN 18" SUC FOR THE FUTURE CONNECTION OF AN 18" RCP FROM MANHOLE #1 TO OFFFALL #1 IN THE INFILTRATION BASIN. PROVIDE INLET BLOCKING FOR INLET #1.
- INSTALL CURB AND GUTTER, EXCEPT FOR AREAS SOUTH OF MANHOLE #1 AND ANY AREAS NECESSARY TO PROVIDE ACCESS TO SITE.
- REMOVE EARTH DIKE AT CENTER OF SITE.
- BEGIN BUILDING CONSTRUCTION WITH BUILDINGS AT NORTH END OF SITE AND INSTALL BASE COURSE PAVING, WHEN CONSTRUCTION HAS PROCEEDED SUFFICIENTLY TO PERMIT SAID INSTALLATION.
- CLEAR AND GRUB THE AREA NECESSARY FOR CONSTRUCTION OF THE INFILTRATION BASIN, CONSTRUCT BASIN.
- FINAL GRADE AREA AROUND INFILTRATION BASIN AND STABILIZE IMMEDIATELY.
- AS RESPECTIVE DRAINAGE AREAS BECOME STABILIZED REDUCE CAPACITY OF SUMP PIT #1 AND SEDIMENT TRAP #1 ACCORDINGLY.
- INSTALL 18" RCP FROM MANHOLE #1 TO OFFFALL #1 IN INFILTRATION BASIN WHEN CAPACITY OF SEDIMENT TRAP #1 IS SUFFICIENTLY REDUCED TO PERMIT CONSTRUCTION.
- REMOVE INLET BLOCKING UNCE STORM DRAIN SYSTEM INCLUDING INFILTRATION BASIN IS OPERATIONAL.
- COMPLETE INSTALLATION OF CURB AND GUTTER AND BASE COURSE PAVING.
- ONCE DRAINAGE AREAS TO RESPECTIVE SEDIMENT CONTROL DEVICES ARE COMPLETELY STABILIZED AND UPON APPROVAL FROM SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES INCLUDING EARTH DIKE NORTH OF INFILTRATION BASIN.
- FOLLOWING REMOVAL OF SUMP PIT #1, INSTALL INLET #1 AND 18" RCP OUTLETTING INTO INFILTRATION BASIN.
- FINALIZE GRADING IN SWALE IN VICINITY OF INLET #1 AND STABILIZE COMPLETELY.
- REMOVE STABILIZED CONSTRUCTION ENTRANCE AND CONSTRUCT DRIVE ACCESS.
- REMOVE EARTH DIKE NORTH OF INFILTRATION BASIN.
- COMPLETE CONSTRUCTION OF BUILDINGS AND STABILIZE ANY REMAINING DISTURBED AREAS PER STANDARDS AND SPECIFICATIONS FOR PERMANENT SEEDING.

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.

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

*James M. Kelly* 9-3-87  
U.S. Soil Conservation Service Date

*Robert Ziehm* 8-28-87  
Howard Soil Conservation District Date

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

*James M. Kelly* 10-1-87  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*James M. Kelly* 10-5-87  
DATE

DIRECTOR: *James M. Kelly* 10-5-87  
DATE

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

*James M. Kelly* 9-30-87  
DATE

DIRECTOR: *James M. Kelly* 9-21-87  
DATE

CHIEF BUREAU OF ENGINEERING

By the Developer:

"I 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."

*James M. Kelly* 6-18-87  
Signature of Developer  
Print name below signature  
Date

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."

*Paige E. Baling* 6/26/87  
Signature of Engineer  
Print name below signature  
Date



OWNER	PROJECT
WATERLOO ROAD ASSOCIATES 6017 ARLINGTON ROAD, SUITE 800 BETHESDA, MARYLAND 20814	PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611
DEVELOPER/CONTRACT PURCHASER	TITLE
PUBLIC STORAGE, INC. 4707 RIBENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304	SEDIMENT & EROSION CONTROL DETAILS
LOCATION	IMPROVEMENTS
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 43, PARCEL 123 C.M.P. 1264 FOLIO 500	DATE MARCH 1987 SCALE 1" = 30' SHT. 5 OF 7

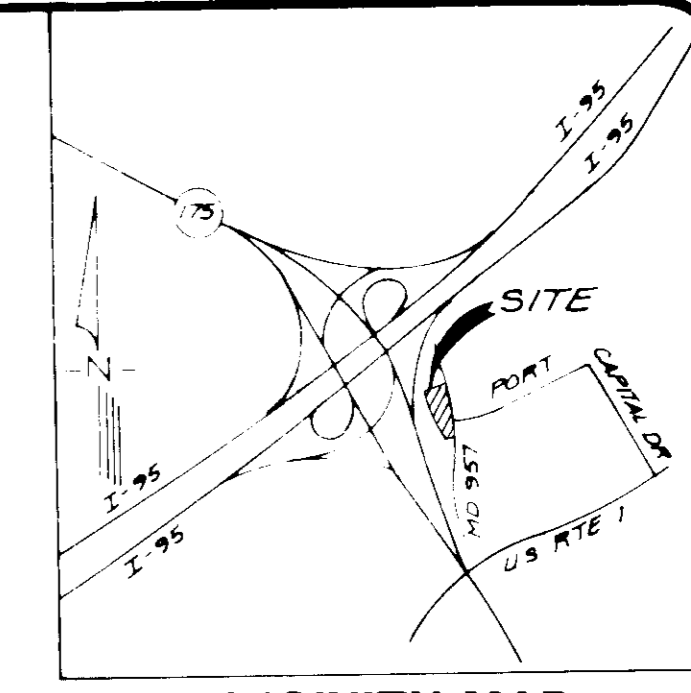
project	date
87064.00	3/87
illustration	engineering
RND	MSI
scale NO	approval
SCALE	PEB

1	REVISED PER COUNTY COMMENTS	DATE	DESCRIPTION
2	REVISED PER COUNTY COMMENTS	DATE	DESCRIPTION
3	REVISED PER COUNTY COMMENTS	DATE	DESCRIPTION
4	REVISED PER COUNTY COMMENTS	DATE	DESCRIPTION
5	REVISED PER COUNTY COMMENTS	DATE	DESCRIPTION

PUBLIC STORAGE INC.  
OLD WATERLOO ROAD PSI No. 0611  
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SEDIMENT AND EROSION CONTROL DETAILS

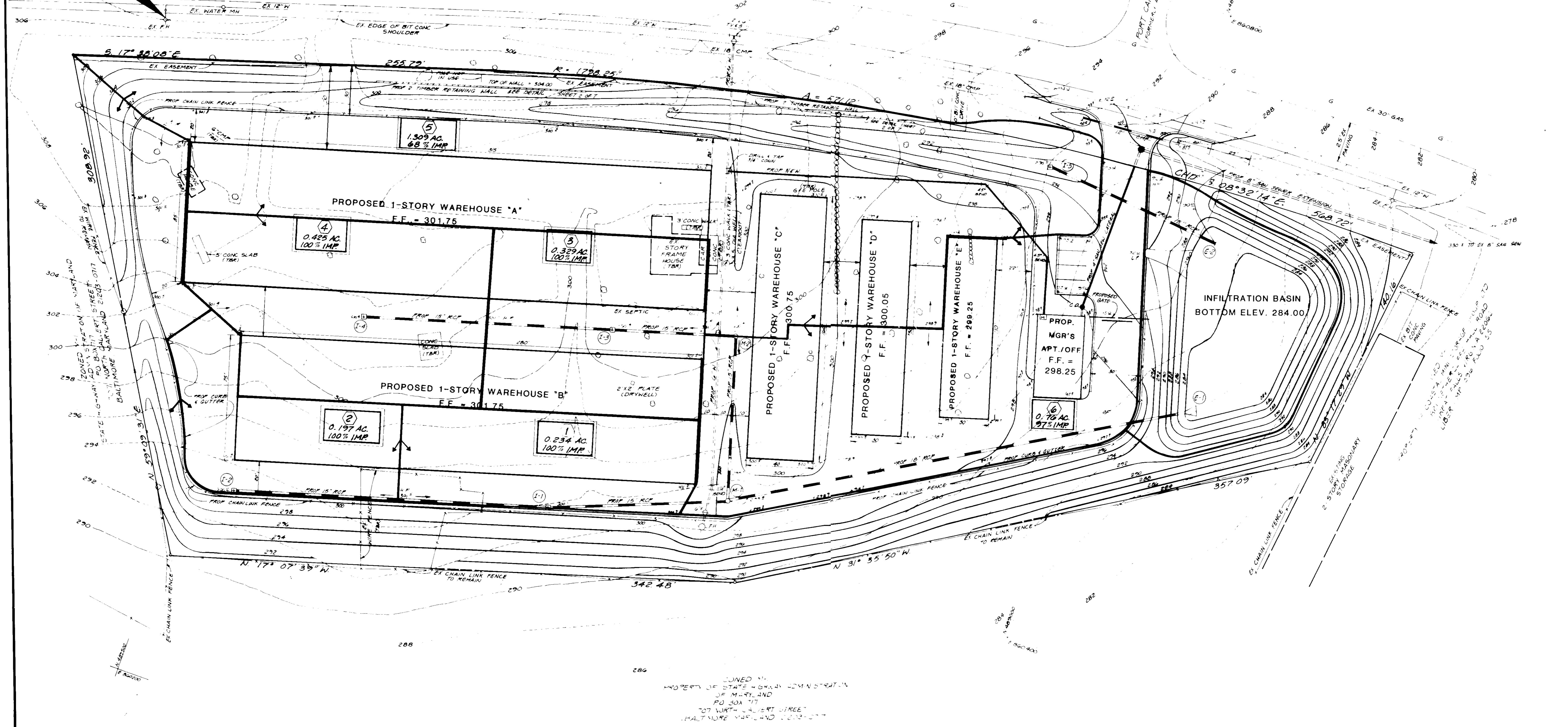
kamber engineering, inc.  
surveying  
leesburg, va  
(703) 777-9822  
civil  
environmental  
gaitheburg, md  
(301) 840-1030

BENCH MARK  
NO. 14 CUT TOP ROADSIDE BOWNET  
P.L.T. OF FIRE HYDRANT -  
ELEVATION 306.25



# MD. RTE. 957 (OLD WATERLOO ROAD)

(EXISTING 100' R/W)



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

*[Signature]* 10-1-87  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*[Signature]* 10-5-87  
DATE

DIRECTOR  
*[Signature]* 10-2-87  
DATE

CHIEF DIVISION OF LAND DEVELOPMENT  
AND ZONING ADMINISTRATION

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

*[Signature]* 9-30-87  
DATE

DIRECTOR  
*[Signature]* 9-21-87  
DATE

CHIEF BUREAU OF ENGINEERING

DIVISION OF PLANNING & ZONING ADMINISTRATION  
HOWARD COUNTY

6-18-87

PLAN SCALE : 1" = 30'



FOR DRAINAGE AREA MAP REFERENCE ONLY	
OWNER WATERLOO ROAD ASSOCIATES 6917 ARLINGTON ROAD, SUITE 350 BETHESDA, MARYLAND 20814	PROJECT PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0811
DEVELOPER/CONTRACT PURCHASER PUBLIC STORAGE, INC. 4707 EISENHOWER AVENUE ALEXANDRIA, VIRGINIA 22304	LOCATION 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 43, PARCEL 123 C.M.P. 1244 FOLIO 599
TITLE <b>DRAINAGE AREA MAP</b>	
IMPROVEMENTS	
DATE MARCH 1987	SCALE 1" = 30'
SHT. 6 OF 7	

PROJECT	DATE	DESCRIPTION
87084.00	3/87	ENGINEERING
JAR/RND	MSI/JCS	APPROVAL
SCALE	1" = 30'	PEB

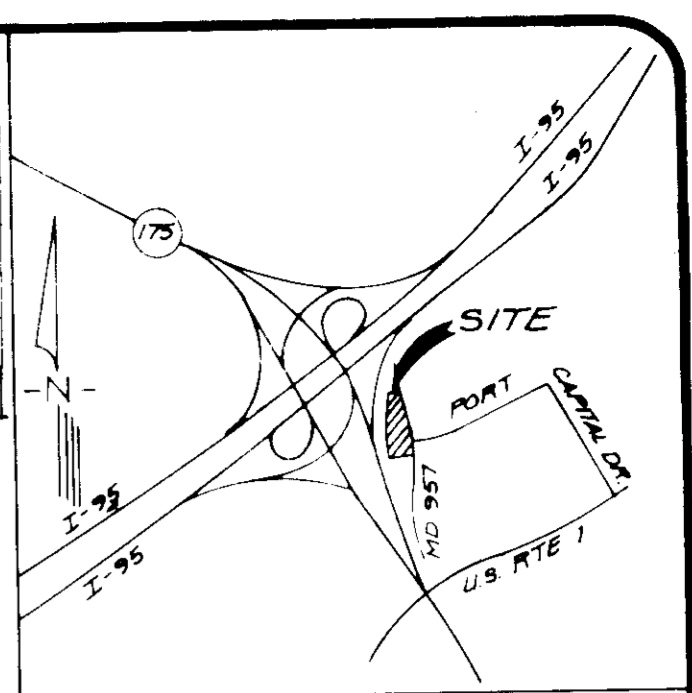
NO.	DATE	DESCRIPTION	REVISIONS
1	3/87	REVISED PER COUNTY COMMENTS	
2	4/87	REVISED PER COUNTY COMMENTS	
3	5/87	REVISED PER COUNTY COMMENTS	
4	5/87	REVISED PER COUNTY COMMENTS	
5	5/87	REVISED PER COUNTY COMMENTS	
6	5/87	REVISED PER COUNTY COMMENTS	
7	5/87	REVISED PER COUNTY COMMENTS	
8	5/87	REVISED PER COUNTY COMMENTS	
9	5/87	REVISED PER COUNTY COMMENTS	
10	5/87	REVISED PER COUNTY COMMENTS	

**PUBLIC STORAGE INC.**  
**OLD WATERLOO ROAD PSI No. 0811**  
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
**DRAINAGE AREA MAP**

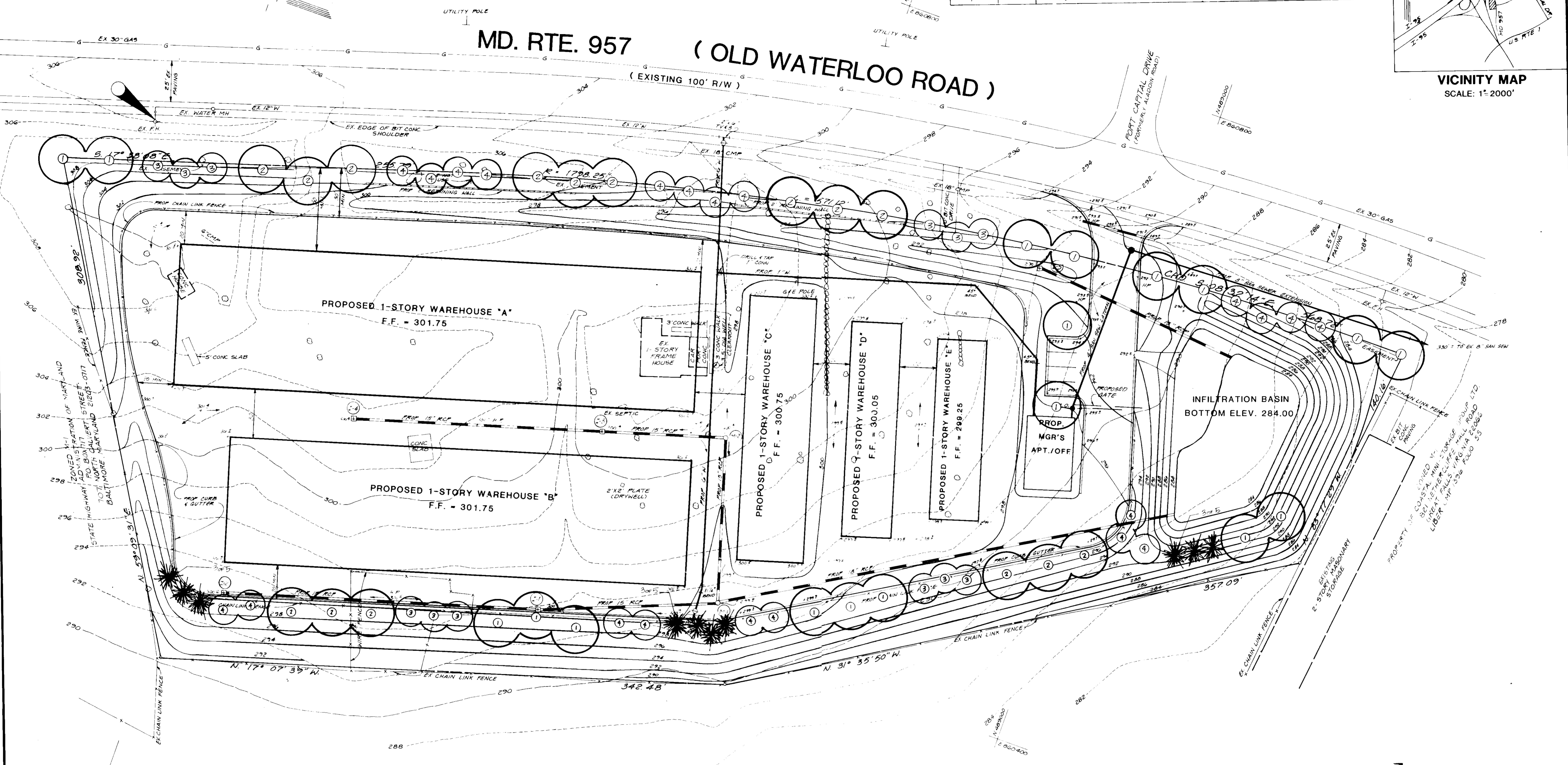
kamber engineering, inc.  
 101 Chestnut Street  
 Baltimore, Maryland 20877  
 (301) 840-1030

PLANT SCHEDULE

QUANT.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
10	1	TATANUS ACERIFOLIA 'WOODGOD'	LONDON PLANETREE	2 1/2" x 4"	B+B
15	2	ACER PLATANOIDES 'SUMMERGLADE'	NORWAY MAPLE	2 1/2" x 4"	B+B
12	3	PTAUS ALTERNATA 'BRA FORI'	BRADFORD PEAK	2 1/2" x 4"	B+B
21	4	PRUNUS SEROTINA 'KUANZAN'	P ANZAN CHERRY	2 1/2" x 4"	B+B
9	5	FINUS STROBUS	WHITE PINE	6" x 8" HT	B+B



BENCH MARK  
NO. 1X - CUT TOP ROADSIDE BOWNET  
SOIL OF RISE HYDRAUNT -  
ELEVATION 306.25



project	date	3/87
87084.00	illustration	engineering
JAR/RND	MSI/JCS	approval
1-30'	scale	1-30'
PEB	revision	

**PUBLIC STORAGE INC.**  
**OLD WATERLOO ROAD PSI No. 0611**  
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
**LANDSCAPE PLAN**

**kamber engineering, inc.**  
 101 chestnut street  
 Gaithersburg, Maryland 20877  
 (301) 840-1030

FOR LANDSCAPE CONSTRUCTION ONLY



**THE LAND PLANNING & DESIGN GROUP INC.**  
 15861 CRABBS BRANCH WAY  
 ROCKVILLE, MARYLAND 20855  
 (301) 840-9855  
 LAND PLANNING & ZONING • SITE PLANNING • LANDSCAPE ARCHITECTURE

<b>OWNER</b> WATERLOO ROAD ASSOCIATES 6017 ARLINGTON ROAD, SUITE 360 BETHESDA, MARYLAND 20814	<b>PROJECT</b> PUBLIC STORAGE INC. OLD WATERLOO ROAD PSI No. 0611 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
<b>DEVELOPER/CONTRACT PURCHASER</b> PUBLIC STORAGE, INC. 4707 EIGHENOWER AVENUE ALEXANDRIA, VIRGINIA 22304	<b>LOCATION</b> 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND TAX MAP 48, PARCEL 123 C.M.P. 1244 FOLIO 888
<b>TITLE</b> LANDSCAPE PLAN	
<b>DATE</b> MARCH 1987	<b>SCALE</b> 1" = 30'

**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 10-7-87  
**APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
 DIRECTOR: [Signature] DATE: 10-5-87  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: [Signature] DATE: 10-2-87  
**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE**  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 9-30-87  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 9-21-87

- APPENDIX B: PLANTING SPECIFICATIONS AND LANDSCAPE PLAN
- QUALITY**  
 A. Duration plant material to remain alive and be in health, as shown on plan for a period of one to two years after completion and acceptance of project by the owner.
  - MATERIALS**  
 A. Plants: Provide plants typical of their species or variety, with well-developed root systems and vigorous, disease-free stems. Provide dry annual, cutting, or potted plants free from defects, including root rot, stem rot, insect damage, frost damage, and other signs of infestation.  
 B. Dig balled and burlapped plants with firm, natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant.  
 C. Bare-root plants: Dig with adequate fibrous roots, covered with a uniformly thick coating of soil by being packed immediately after they are dug, or packed in moist straw or peat moss.  
 D. Container-grown stock: Grown in a container for sufficient length of time for the root system to have developed to hold its soil together, firm and whole.  
 E. The right of the trunk, measured from the crown of the roots to the top of the top branch, shall not be less than the minimum size designated in the plant list.  
 F. Topsoil for Planting Beds: will be provided by the Landscape Contractor.  
 G. Peat Moss: Brown to black in color, weed and seed free granulated low peat or bald peat, containing not more than 5% mineral on a dry basis.

- WATERING**  
 A. Watering shall be provided for all plants for a period of 120 days after planting, or until the plants are well established and capable of surviving on their own.  
 B. Watering shall be provided for all plants for a period of 120 days after planting, or until the plants are well established and capable of surviving on their own.  
 C. Watering shall be provided for all plants for a period of 120 days after planting, or until the plants are well established and capable of surviving on their own.
- INSTALLATION**  
 A. Plants shall be installed in accordance with the specifications and approved site plan.  
 B. Plants shall be installed in accordance with the specifications and approved site plan.  
 C. Plants shall be installed in accordance with the specifications and approved site plan.
- MAINTENANCE**  
 A. The contractor shall provide for the maintenance of all plants for a period of 120 days after planting, or until the plants are well established and capable of surviving on their own.  
 B. The contractor shall provide for the maintenance of all plants for a period of 120 days after planting, or until the plants are well established and capable of surviving on their own.