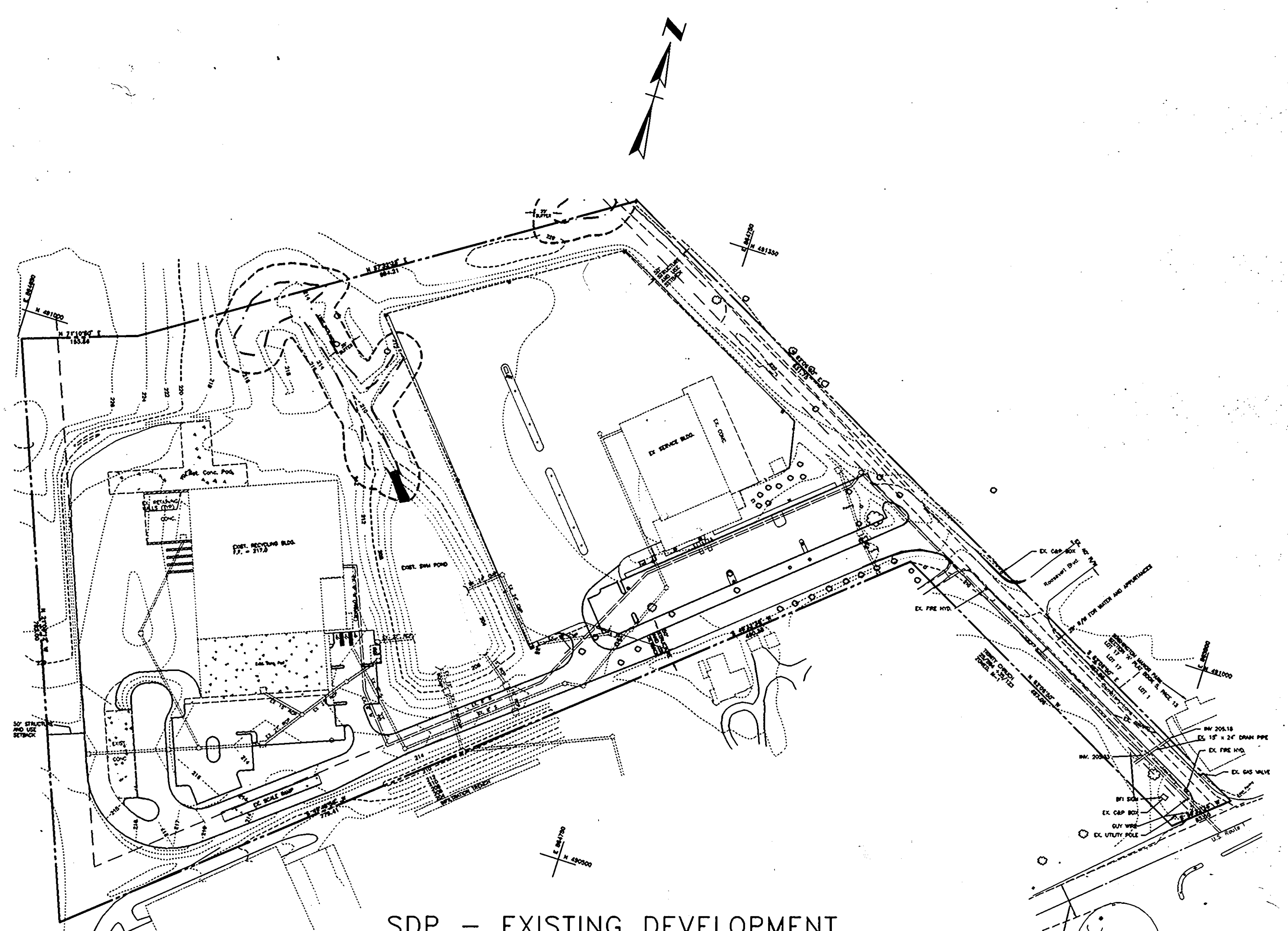


SITE ANALYSIS DATA CHART	
1. General Site Data	
a. Present Zoning:	M-1 & S.W. (ZB 955 M and R, approval date Sept. 9, 1994; to create a Solid Waste Overlay District for the 17.3 acres comprised of Parcels 599 and 624, and to modify the required 100 ft. setback from streams or wetlands).
b. Applicable DPZ File References:	SDP 91-50, SDP 92-148, ZB 955 M and R (see above) (Include any Zoning Board, Board of Appeals, Waiver Petitions, Administrative Adjustments, etc. if in the New Town district, also state the FDP number, type of land use, and any Planning Board case numbers)
c. Proposed Use of Site or Structure(s):	Building Expansion/Additions to the existing Recycling Center, to efficiently handle the increased volumes from recycling activities in Howard County.
d. Proposed Water and Sewer Systems:	X Public Private
e. Any Other Information Which May be Relevant:	Petitioned for Reduction in Parking Space Requirements.
2. Area Tabulation	
a. Total Project Area:	17.3 Acres (Indicate by Section and Area As Shown on Final Plat or As Shown on Deed)
b. Net Area of Site:	17.3 Acres
c. Area of This Plan Submission:	17.3 Acres
d. Limit of Disturbed Area:	2.61 acres; building expansion is on existing paved/impermeable area
e. Building Coverage of Site:	2.16 Acres and 12.5 % of Gross Area (Permitted) (As Req'd by Zoning Regs) not applicable
f. Other Area:	Open space on site: 15.14 acres or 87.5% of gross area
3. Unit/Lot Tabulation	
a. Total Number of Residential Units/Lots Allowed for Project:	not applicable
b. Total Number of Residential Units/Lots Proposed on This Submission:	not applicable
c. Density of Project per Net Acre:	not applicable
d. Total Number of Non-Residential Lots/Parcels on This Submission:	two
e. Overall Total Number of Lots/Parcels on This Submission:	two
f. Other:	This proposed SDP represents two building additions (130' x 164' and 132' x 70') to the existing recycling building (200' x 200'), over existing impermeable/paved areas.
4. Open Space Data	
a. Open Space on Site:	not applicable
b. Area of Recreation Open Space Required by Subdivision and Land Development Regulations:	not applicable
c. Other:	not applicable
5. Parking Space Data	
a. Floor Space on Each Level per Building(s) per Use:	93,504 ft <sup>2</sup>
b. Maximum Number of Employees, Tenants On-Site per Use:	96
c. Number of Parking Spaces Required by Zoning Regulations and/or FDP Criteria:	187
d. Total Number of Parking Spaces Provided On-Site:	160
e. Number of Handicapped Parking Spaces Provided:	6



- GENERAL NOTES
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
  - ANY DAMAGE TO PUBLIC RIGHT-OF-WAY, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE EXPENSE OF CONTRACTOR.
  - ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
  - THE LAND INCLUDED IN THIS PLAN IS ZONED: M-1 WITH SOLID WASTE OVERLAY DISTRICT.
  - THE AREA SHOWN IN THIS SUBMISSION IS LOCATED ON ZONE MAP # 43
  - TYPE OF SOIL: B&B2 - BELTSVILLE SILT LOAM, IuB - IUKA LOAM K&C2 - KEYPORT SILT LOAM, Sib2 - SASSAFRAS LOAM
  - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK, AT 792-7272
  - THE LOCATION OF EXISTING UTILITIES IS BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR MUST CHECK ALL UTILITIES BY TEST PIT BEFORE THE START OF CONSTRUCTION.
  - FILE REFERENCE FOR PREVIOUSLY APPROVED SITE DEVELOPMENT PLANS AND PRIOR SUBMISSIONS: (i). SDP-92-148 (ii). SDP-91-50 (iii). F-95-112 (iv). SDP-95-73

The applicant shall provide an explanation note if density appears to be exceeded for a specific section and area of the subdivision and attach a density tabulation chart for the total project on the SDP.

Notes: (1) The reduction from 187 parking spaces to 160 spaces was approved by the Department of Planning and Zoning in response to the consultant's written request and justification dated August 8, 1995.

(2) The requirements of the Forest Conservation Program for this site will be addressed in conjunction with SDP-95-73.

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

*Joseph M. Gagnier, Sr.* 11/14/95  
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*John P. Sullivan* 12/14/95  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*James E. Stone* 12/7/95  
DIRECTOR DATE

*John R. Kothari* 12/17/95  
DIRECTOR, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

*Peter E. Engle* 12/2/95  
USDA - NATURAL RESOURCES CONSERVATION SERVICE

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

*John R. Kothari* 11/28/95  
HOWARD COUNTY SOIL CONSERVATION DISTRICT

3 1/2" x 3 1/2" APPROVAL BLOCK

DEVELOPER'S CERTIFICATION

"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 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 HOWARD SOIL CONSERVATION DISTRICT."

*James E. Stone* VP 11/14/95  
DEVELOPER'S SIGNATURE DATE

NAME: JAMES E. STONE VICE PRESIDENT

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."

*John R. Kothari* 11/14/95  
ENGINEER'S SIGNATURE DATE

NAME: VIR KATHURIA PRESIDENT

LEGEND

---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	WETLAND LIMIT
---	WETLAND BUFFER ZONE
---	PROP. STORM DRAIN
---	EXISTING STORM DRAIN
---	PROP. PAVING
---	EXISTING CONCRETE PAD
---	EXISTING TREE

SHEET INDEX

SHEET NO.	TITLE
1 OF 8	SDP - EXISTING DEVELOPMENT
2 OF 8	SDP - PROPOSED BUILDING EXPANSION
3 OF 8	NOTES AND DETAILS
4 OF 8	DRAINAGE AREA MAP
5 OF 8	STORM DRAIN PROFILE
6 OF 8	EROSION AND SEDIMENT CONTROL PLAN
7 OF 8	SEDIMENT CONTROL NOTES AND DETAILS
8 OF 8	LANDSCAPE PLAN AND DETAILS

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PARCEL 599 & 624	7531 CEMETERY LANE ELKRIDGE, MD 21227

PERMIT INFORMATION CHART

Subdivision Name: BROWNING FERRIS, INC. RECYCLING CENTER	Section/Area	Parcel (599 & 624)
Plot # or L/P 1117/458	Block # 4	Zone SW & M-1
	Tax/Zone Map 43	Dist. Distr. 1
Water Code B-01 (PUBLIC)	Sever Code 2350000 (PUBLIC)	Corpus Tract 6012

REVISIONS

DESIGNED BY:	DATE	DATE	BY	DESCRIPTION
KP	8/95			
DRAWN BY:	CJC/CA	8/95		
CHECKED BY:	AP	8/95		
APPROVED BY:	DVK	8/95		

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.  
ENGINEERS \* PLANNERS \* SURVEYORS

3458 ELLICOTT CENTER DRIVE SUITE 101  
ELLICOTT CITY, MARYLAND 21043  
BALTO. 461-9920 WASH. 621-4690  
FAX 750-8565

OWNER / DEVELOPER  
BROWNING FERRIS INC.  
7531 CEMETERY LANE  
ELKRIDGE, MARYLAND 21227  
(410) 799-7822

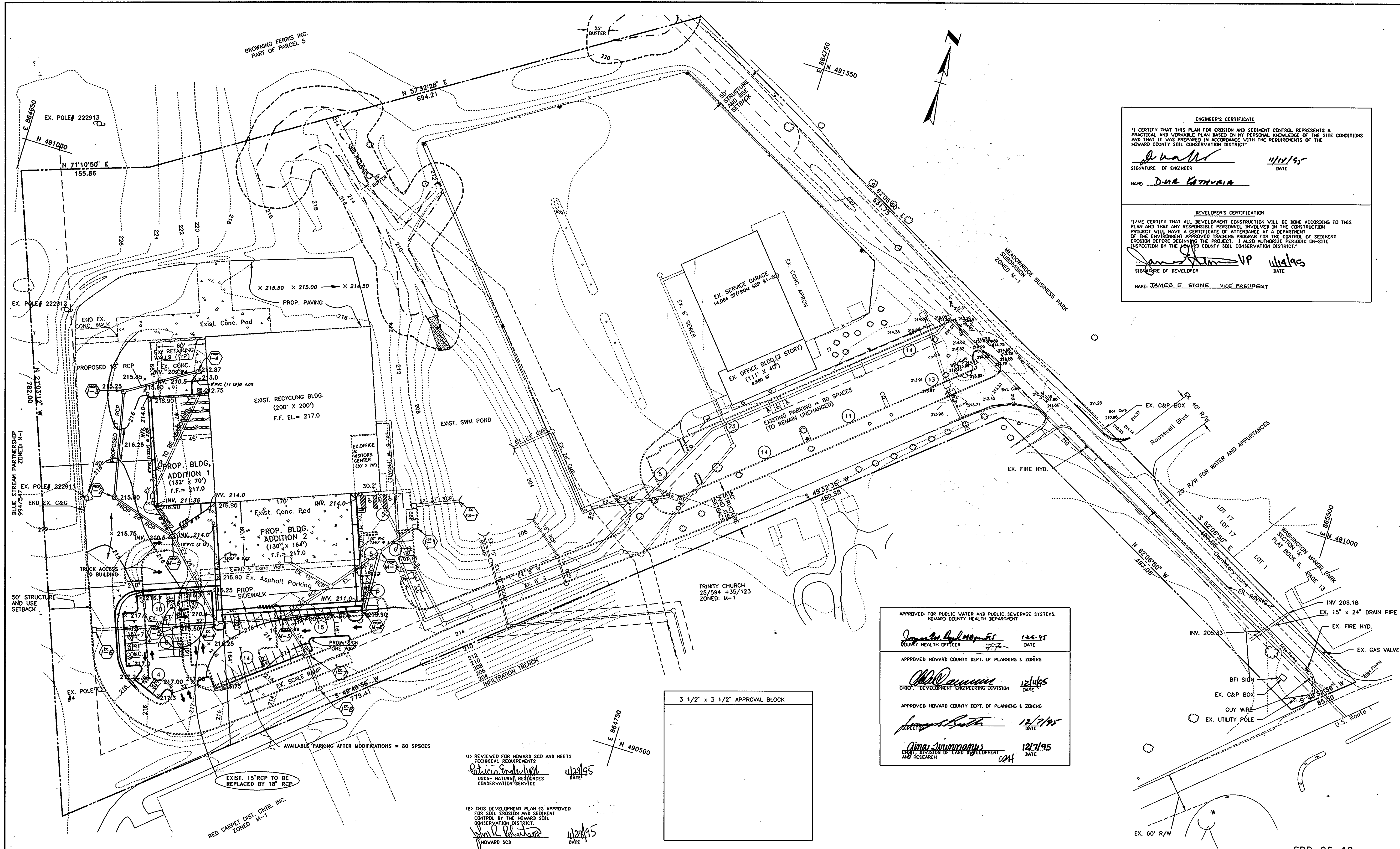
COVER SHEET / SDP - EXISTING DEVELOPMENT

BROWNING FERRIS INC. PARCELS 599 & 624  
RECYCLING CENTER  
PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

SCALE: 1"=200' CONTRACT NO.: 95208.10 DATE: 10/95 SHEET: 1 OF 8

SDP 96-19





**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 SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: *[Signature]* DATE: 11/12/95  
 NAME: DINA KATHARA

---

**DEVELOPER'S CERTIFICATION**

I HAVE CERTIFIED THAT ALL DEVELOPMENT 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 EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER: *[Signature]* DATE: 11/14/95  
 NAME: JAMES E. STONE VICE PRESIDENT

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

*[Signature]* 12/5/95  
 COUNTY HEALTH OFFICER DATE

---

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/14/95  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

---

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/21/95  
 DIRECTOR DATE

---

*[Signature]* 12/21/95  
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

3 1/2' x 3 1/2' APPROVAL BLOCK

(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
*[Signature]* 11/21/95  
 USDA - NATURAL RESOURCES CONSERVATION SERVICE DATE

(2) THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* 11/21/95  
 HOWARD SCD DATE

DESIGNED BY: KP		8/95	
DATE		DATE	
DRAWN BY:	CJC/CA	8/95	DATE
CHECKED BY:	AP	8/95	DATE
APPROVED BY:	DVK	8/95	DATE

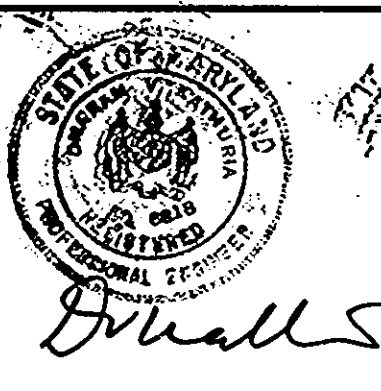
REVISIONS			
DATE	BY	DESCRIPTION	

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**

ENGINEERS \* PLANNERS \* SURVEYORS

3458 ELLICOTT CENTER DRIVE SUITE 101  
ELLICOTT CITY, MARYLAND 21043

BALTO. 461-9920 WASH. 621-4690  
FAX 750-8565



**OWNER / DEVELOPER**

**BROWNING FERRIS INC.**

7531 CEMETERY LANE  
ELKBRIDGE, MARYLAND 21227  
(410) 799-7822

**SDP - PROPOSED BUILDING EXPANSION**

BROWNING FERRIS INC. PARCELS 599 & 624

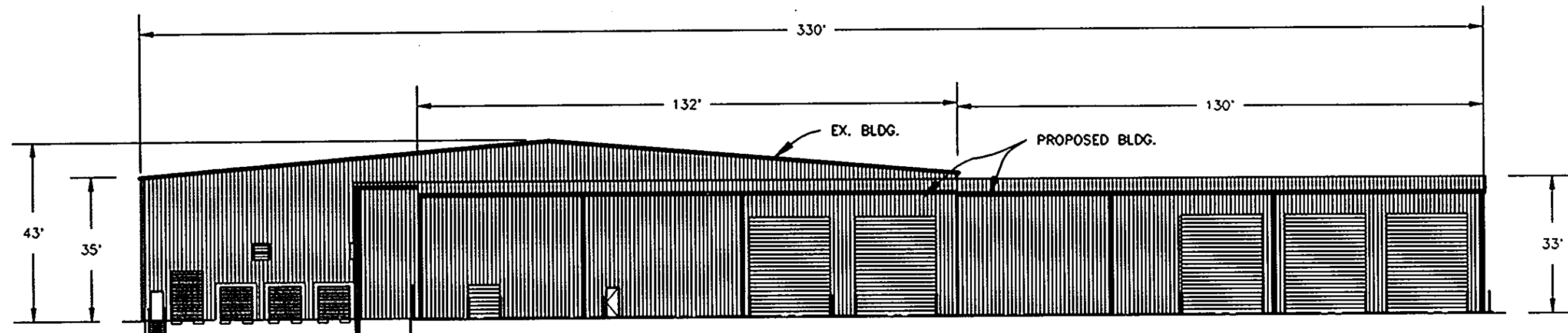
**RECYCLING CENTER**

PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

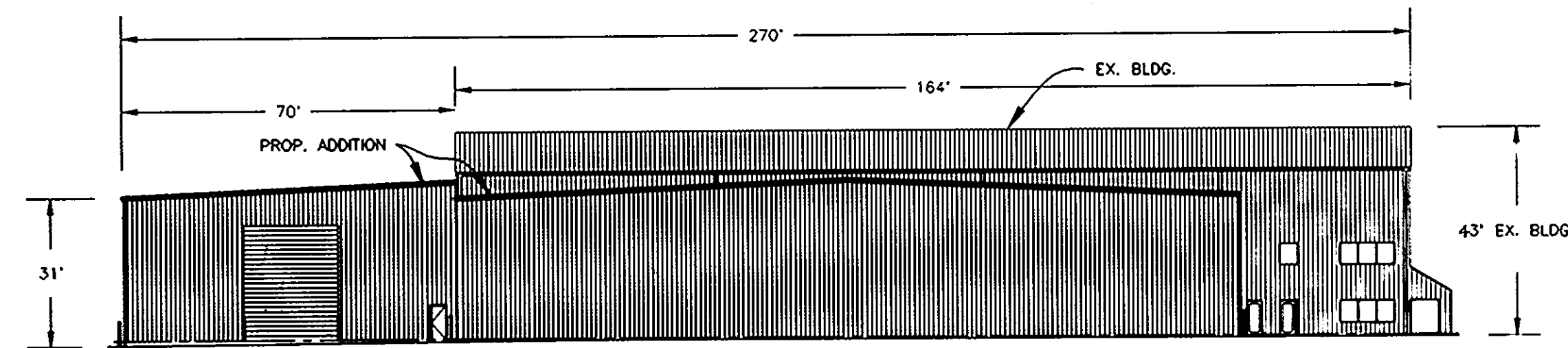
SCALE: 1" = 50'    CONTRACT NO.: 95208.10    DATE: 10/95    SHEET: 2 OF 8

SDP-96-19

SDP.96.19

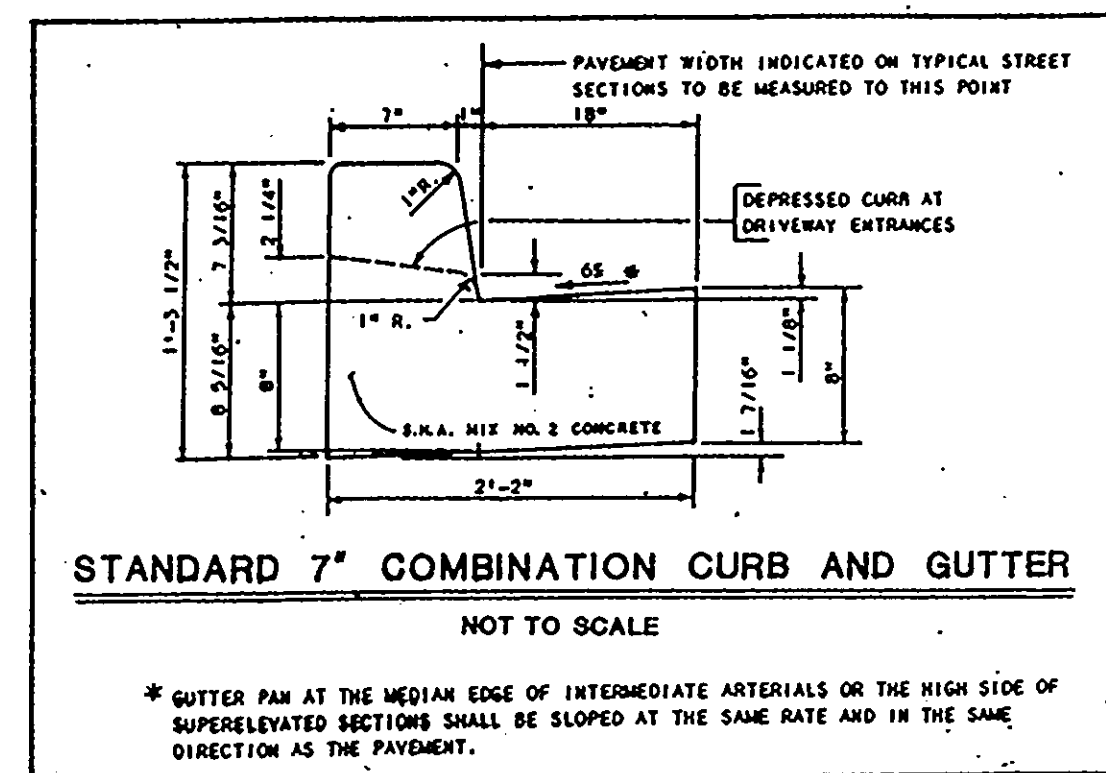


WEST ELEVATION  
NOT TO SCALE



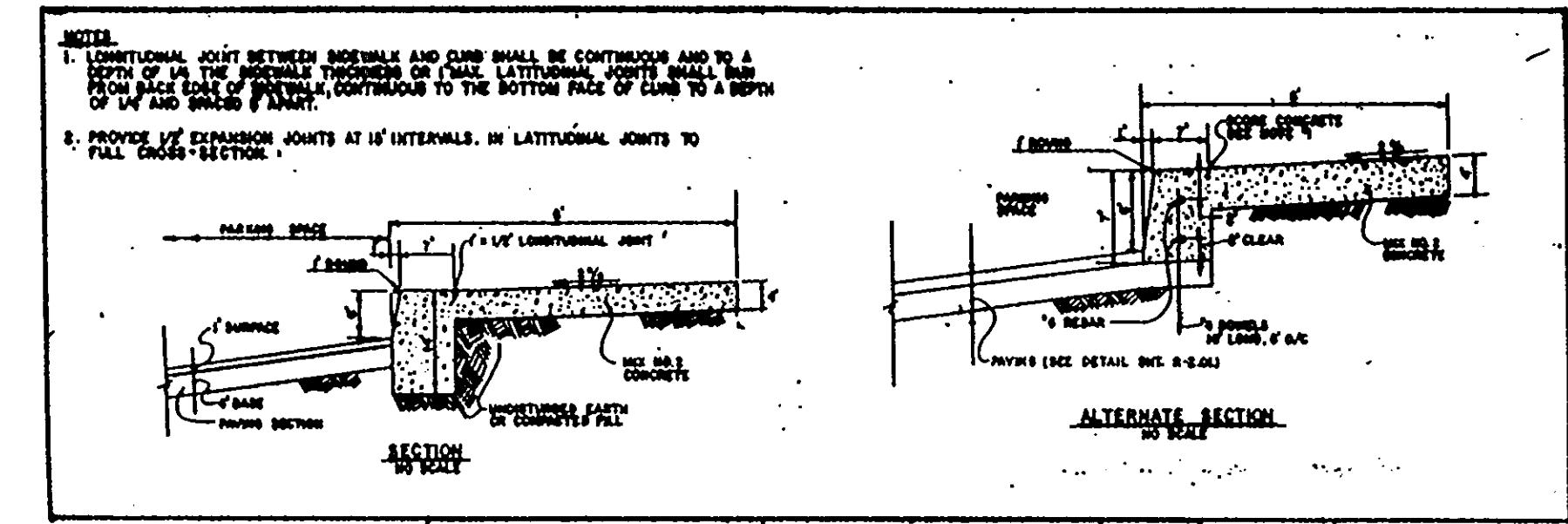
SOUTH ELEVATION  
NOT TO SCALE

NOTE: SEE ARCHITETURAL DRAWINGS FOR EXACT OVER HANG DOOR LOCATION.



STANDARD 7" COMBINATION CURB AND GUTTER  
NOT TO SCALE

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



HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
DATE: 8-14-95

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS	
		FULL DEPTH BIT. CONC. ALTERNATE	GRANULAR BASE ALTERNATES
P-1	PARKING BAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS TRAVELWAYS FOR APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE 2" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)
<del>P-2</del>	<del>RESIDENTIAL ZONES LOCAL, CUL-DE-SAC, ALLEYS AND PRIVATE ROADS SERVING INDIVIDUAL LOTS TRAVELWAYS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS PER DAY</del>	<del>1 1/2" BIT. CONC. SURFACE 1" BIT. CONC. BASE</del>	<del>1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 6" GRADED AGGREGATE BASE (GAB)</del>
P-3	RESIDENTIAL ZONES MINOR AND MAJOR COLLECTIONS COMMERCIAL-INDUSTRIAL ZONES LOCAL AND CUL-DE-SAC STREETS ALLEYS TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" GRADED AGGREGATE BASE (GAB)
<del>P-4</del>	<del>COMMERCIAL-INDUSTRIAL ZONES MINOR COLLECTOR</del>	<del>1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE</del>	<del>1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)</del>

\* TRAVELWAYS ARE DEFINED AS THE ROADWAYS LEADING TO THE PARKING BAYS.  
 \* HEAVY TRUCKS ARE DEFINED AS THOSE WITH 6 WHEEL OR MORE INCLUDING GARBAGE TRUCKS.

HOWARD COUNTY, MARYLAND  
 DEPARTMENT OF PUBLIC WORKS  
 Approved: [Signature] Chief-Eng. of Egr. Date: 1-14-91

PAVING SECTIONS  
 P-1 THROUGH P-4

REV. OCT. 1990  
 REV. JAN. 1991  
 REV. MAR. 1992

NOTE: PAVING SECTION P-1 TO BE USED FOR PROPOSED EMPLOYEE PARKING LOT ONLY IN FRONT OF PROPOSED BUILDING ADDITION.

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

[Signature] COUNTY HEALTH OFFICER 12/6/95 DATE

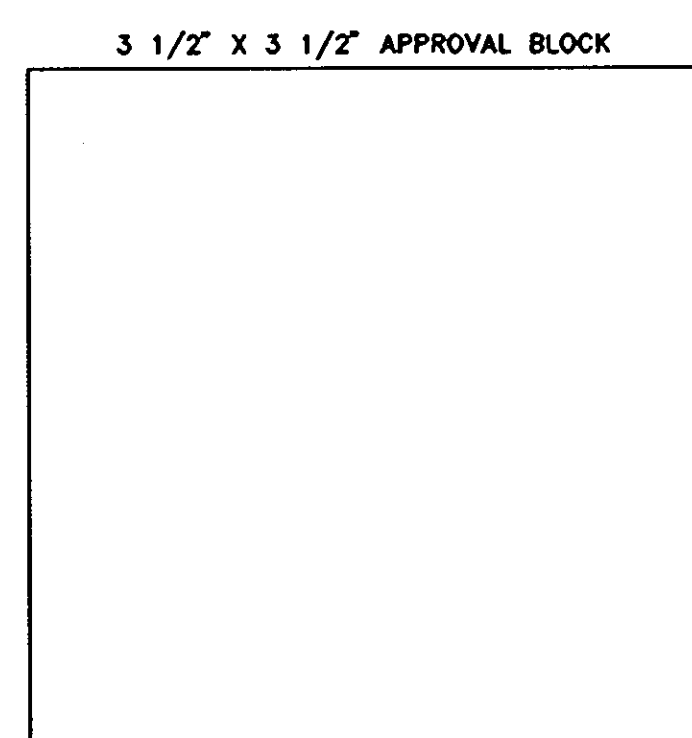
APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

[Signature] CHIEF, DEVELOPMENT ENGINEERING DIVISION 12/6/95 DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

[Signature] DIRECTOR 12/7/95 DATE

[Signature] CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH 12/1/95 DATE



- (1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.  
[Signature] 11/28/95 DATE  
POLICE PROBABLY  
USDA-NATURAL RESOURCES  
CONSERVATION SERVICE
- (2) THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
[Signature] 11/28/95 DATE  
HOWARD SCD

DEVELOPER'S CERTIFICATION

"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 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 HOWARD SOIL CONSERVATION DISTRICT."

[Signature] DEVELOPER'S SIGNATURE 11/14/95 DATE  
NAME: JAMES E. STONE VICE PRESIDENT

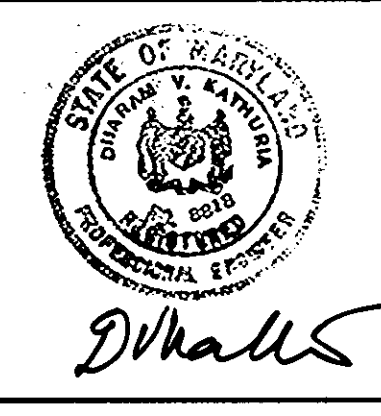
ENGINEER'S CERTIFICATE

"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] ENGINEER'S SIGNATURE 11/14/95 DATE  
NAME: VIR KATHURIA PRESIDENT

DESIGNED BY:		DATE		REVISIONS	
DATE	BY	DATE	BY	DESCRIPTION	
8/95	KP				
8/95	CJC/CA				
8/95	AP				
8/95	DVK				

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.  
ENGINEERS \* PLANNERS \* SURVEYORS  
3458 ELLICOTT CENTER DRIVE SUITE 101  
ELLICOTT CITY, MARYLAND 21043  
BALTO. 461-9920 WASH. 621-4690  
FAX 750-8555



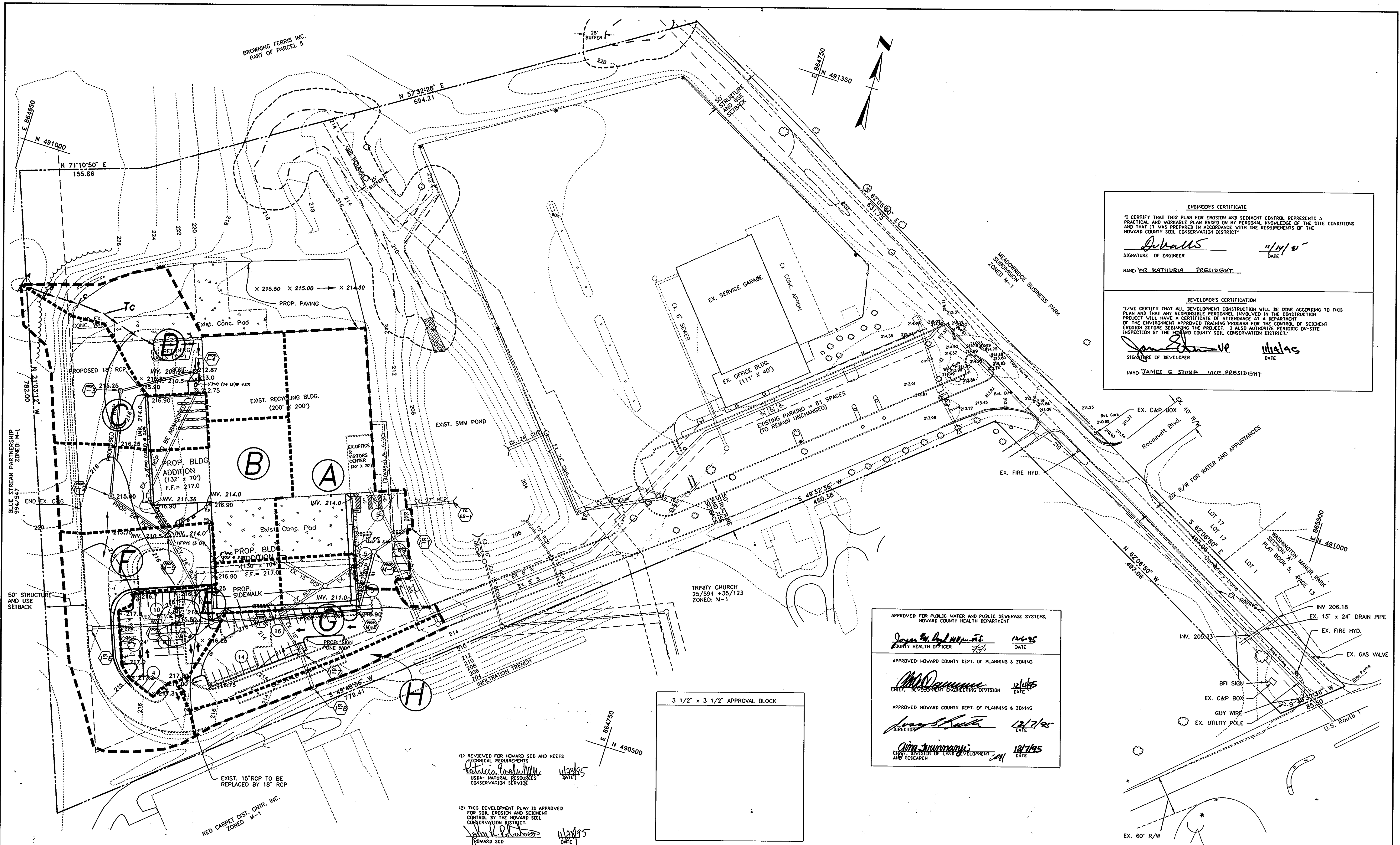
OWNER / DEVELOPER  
BROWNING FERRIS INC.  
7531 CEMETERY LANE  
ELKBRIDGE, MARYLAND 21227  
(410) 799-7822

NOTES AND DETAILS

BROWNING FERRIS INC. PARCEL 599 & 624  
RECYCLING CENTER  
PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

SCALE: AS SHOWN CONTRACT NO.: 95208.10 DATE: 10/95 SHEET: 3 OF 8





**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 SOIL CONSERVATION DISTRICT.

*[Signature]* 11/14/95  
 SIGNATURE OF ENGINEER DATE  
 NAME: YR KATHURIA PRESIDENT

**DEVELOPER'S CERTIFICATION**  
 I HAVE CERTIFIED THAT ALL DEVELOPMENT 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 EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*[Signature]* 11/14/95  
 SIGNATURE OF DEVELOPER DATE  
 NAME: JAMES E. STONE VICE PRESIDENT

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

*[Signature]* 12/6/95  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/14/95  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/7/95  
 DIRECTOR DATE

*[Signature]* 12/17/95  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

3 1/2' x 3 1/2' APPROVAL BLOCK

(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
*[Signature]* 11/28/95  
 USDA - NATURAL RESOURCES CONSERVATION SERVICE DATE

(2) THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* 11/28/95  
 HOWARD SCD DATE

DESIGNED BY: KP		8/95
DRAWN BY: CJC/CA		8/95
CHECKED BY: AP		8/95
APPROVED BY: DVK		8/95

REVISIONS		
DATE	BY	DESCRIPTION

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**  
 ENGINEERS \* PLANNERS \* SURVEYORS  
 3458 ELLICOTT CENTER DRIVE SUITE 101  
 ELLICOTT CITY, MARYLAND 21043  
 BALTO. 461-9920 WASH. 621-4680  
 FAX 750-8565

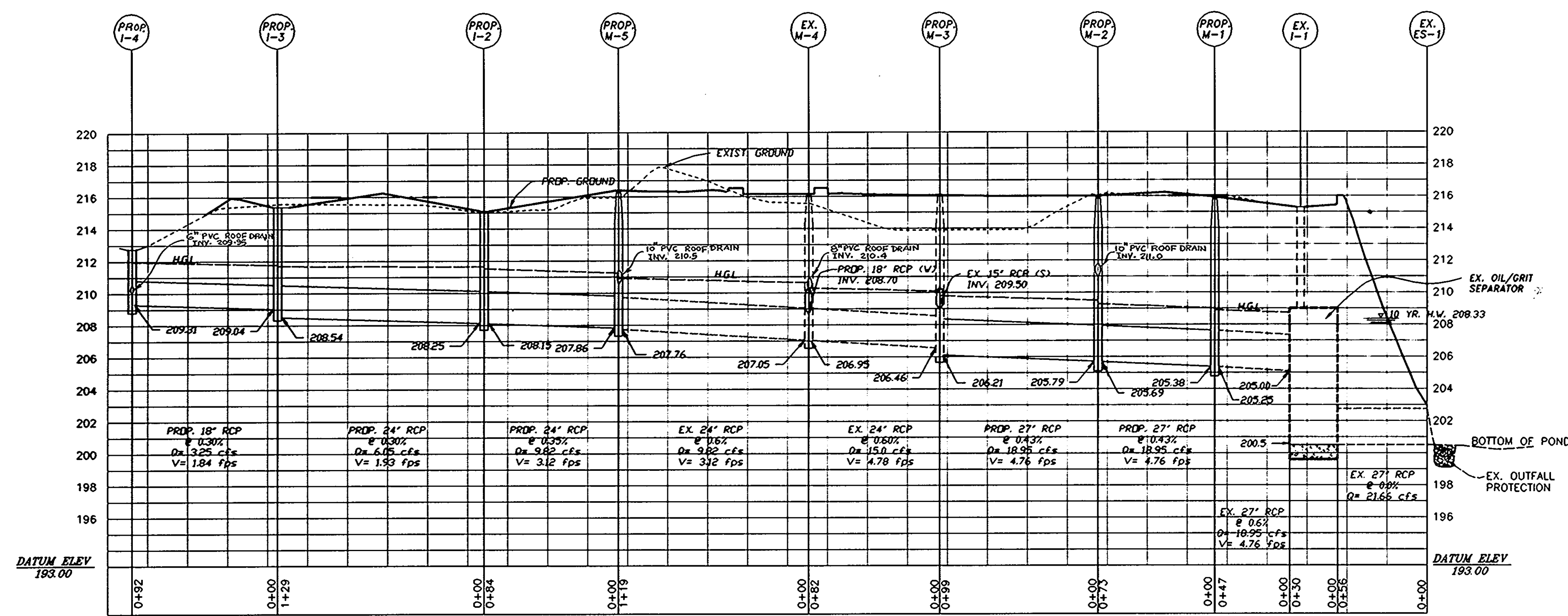


**OWNER / DEVELOPER**  
**BROWNING FERRIS INC.**  
 7531 CEMETERY LANE  
 ELKCRIDGE, MARYLAND 21227  
 (410) 799-7822

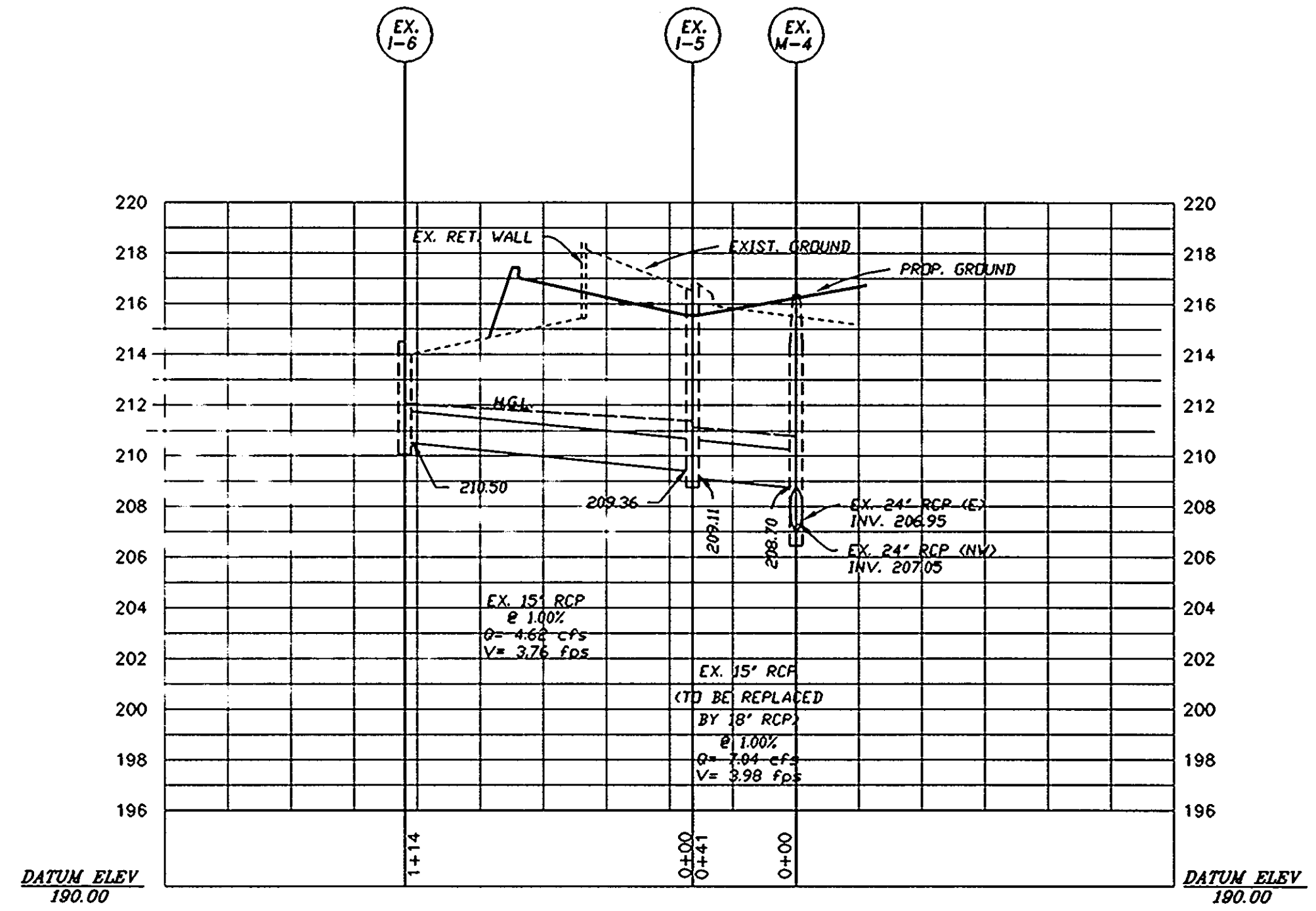
**DRAINAGE AREA MAP**  
 BROWNING FERRIS INC. PARCEL 599 & 624  
**RECYCLING CENTER**  
 PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

SCALE: 1" = 50'  
 CONTRACT NO. 95208.10  
 DATE: 10/95  
 SHEET: 4 OF 8

SDP-96-19



PROFILE  
SCALE: HORZ. 1" = 50'  
VERT. 1" = 5'



PROFILE  
SCALE: HORZ. 1" = 50'  
VERT. 1" = 5'

STRUCTURE SCHEDULE

No.	Str. No.	Type	Inv. In.	Inv. Out.	Top. El.	Std. Detail	Remarks
1	I-1	A-5	205.00	200.50	215.65/e	SD-4.01	Ex. Inlet
2	I-2	S	208.25	208.15	215.00	SD-4.22	Prop. Inlet
3	I-3	S	209.04	208.54	215.25	SD-4.22	Prop. Inlet
4	I-4	Double S	-	209.31	212.87	SD-4.23	Prop. Inlet
5	I-5	S	209.36	209.26	215.50	SD-4.22	Ex. Inlet to be modified
6	I-6	S Comb.	-	210.50	214.25/e	SD-4.32	Ex. Inlet
7	I-7	Double S	209.60	209.50	213.00	SD-4.23	Ex. Inlet to be modified
8	I-8	A-5	-	209.98	213.50/e	SD-4.01	Ex. Inlet
9	M-1	Std. PreCast	205.38	205.28	215.85	G-5.11	Prop. Manhole
10	M-2	Std. PreCast	205.79	205.69	216.00	G-5.11	Prop. Manhole
11	M-3	Std. PreCast	206.46	206.21	216.00	G-5.11	Ex. Inlet to be replaced by manhole
12	M-4	Std. PreCast	207.05	206.95	216.25	G-5.11	Ex. Manhole to be modified
13	M-5	Std. PreCast	207.05	208.15	216.30	G-5.11	Prop. Manhole

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

*[Signature]* 12/6/95  
COUNTY HEALTH OFFICER DATE

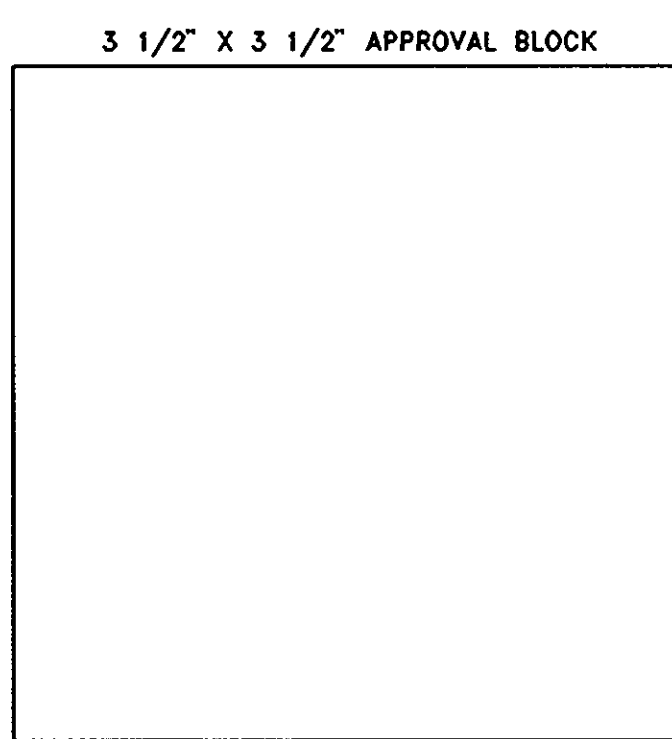
APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/14/95  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/7/95  
DIRECTOR DATE

*[Signature]* 12/7/95  
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE



(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.  
*[Signature]* 11/29/95  
USDA-NATURAL RESOURCES DATE  
CONSERVATION SERVICE

(2) THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* 11/29/95  
HOWARD SCD DATE

DEVELOPER'S CERTIFICATION

"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 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 HOWARD SOIL CONSERVATION DISTRICT."

*[Signature]* 11/14/95  
DEVELOPER'S SIGNATURE DATE

NAME: JAMES E. STONE VICE PRESIDENT

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]* 11/14/95  
ENGINEER'S SIGNATURE DATE

NAME: VIR KATHURIA PRESIDENT

DESIGNED BY:	DATE	DATE	BY	DESCRIPTION
KP	8/95			
CJC/CA	8/95			
AP	8/95			
DVK	8/95			

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.  
ENGINEERS \* PLANNERS \* SURVEYORS  
3458 ELLICOTT CENTER DRIVE SUITE 101  
ELLICOTT CITY, MARYLAND 21043  
BALTO. 461-9920 WASH. 621-4690  
FAX 750-8565

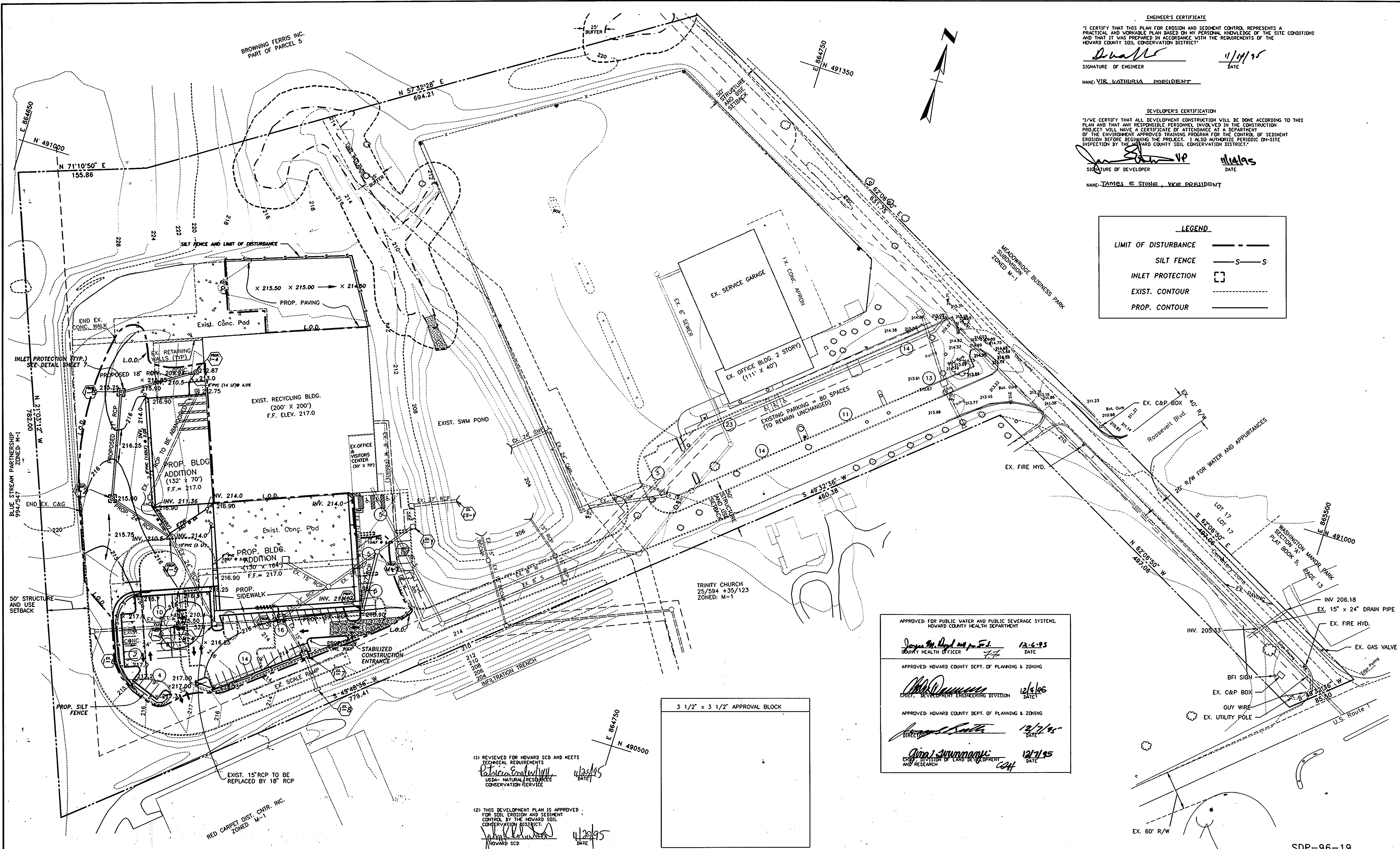
OWNER / DEVELOPER  
BROWNING FERRIS INC.  
7531 CEMETERY LANE  
ELK RIDGE, MARYLAND 21227  
(410) 799-7822

SDP-96-19

STORM DRAIN PROFILES  
BROWNING FERRIS INC. PARCELS 599 & 624  
RECYCLING CENTER  
PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

SCALE: AS SHOWN CONTRACT NO.: 95208.10 DATE: 8/95 SHEET: 5 OF 8





**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 SOIL CONSERVATION DISTRICT.  
 Signature: *D. Wall* DATE: 11/19/95  
 SIGNATURE OF ENGINEER  
 NAME: VIR KATHURIA, PRESIDENT

**DEVELOPER'S CERTIFICATION**  
 I/WE CERTIFY THAT ALL DEVELOPMENT 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 EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
 Signature: *James E. Stone* DATE: 11/19/95  
 SIGNATURE OF DEVELOPER  
 NAME: JAMES E. STONE, VICE PRESIDENT

**LEGEND**

LIMIT OF DISTURBANCE	---
SILT FENCE	—S—S
INLET PROTECTION	□
EXIST. CONTOUR	.....
PROP. CONTOUR	———

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 Signature: *James M. Boyd* DATE: 12-6-95  
 COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Signature: *Chad Dammann* DATE: 12/14/95  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Signature: *James S. Smith* DATE: 12/14/95  
 DIRECTOR

Signature: *Jim J. Stumm* DATE: 12/19/95  
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH

3 1/2" x 3 1/2" APPROVAL BLOCK

(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
 Signature: *Patricia Crowl* DATE: 11/29/95  
 USDA - NATURAL RESOURCES CONSERVATION SERVICE

(2) THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *John M. Stone* DATE: 11/29/95  
 HOWARD SCD

DESIGNED BY: KP		8/95	
DRAWN BY: CJC/CA		8/95	
CHECKED BY: AP		8/95	
APPROVED BY: DVK		8/95	
DATE	BY	DESCRIPTION	

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**  
 ENGINEERS \* PLANNERS \* SURVEYORS  
 345B ELLICOTT CENTER DRIVE SUITE 101  
 ELLICOTT CITY, MARYLAND 21043  
 BALTO. 461-9920 WASH. 621-4690  
 FAX 750-8565



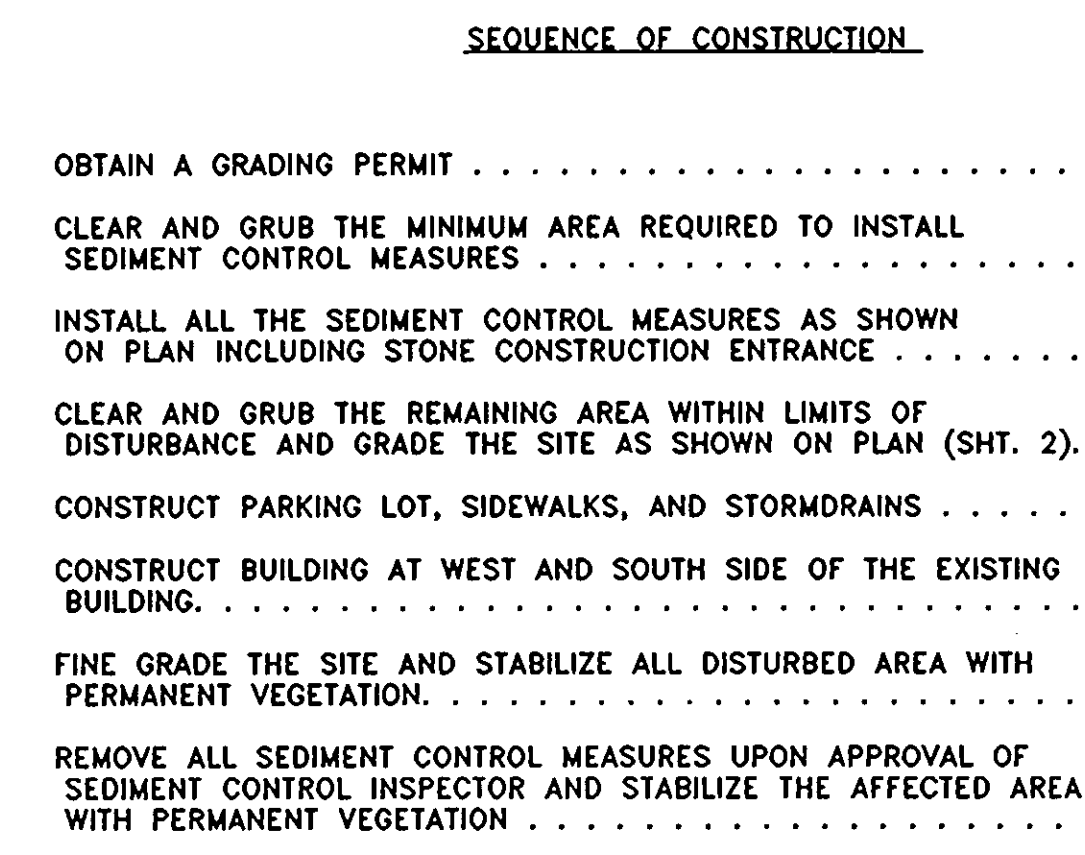
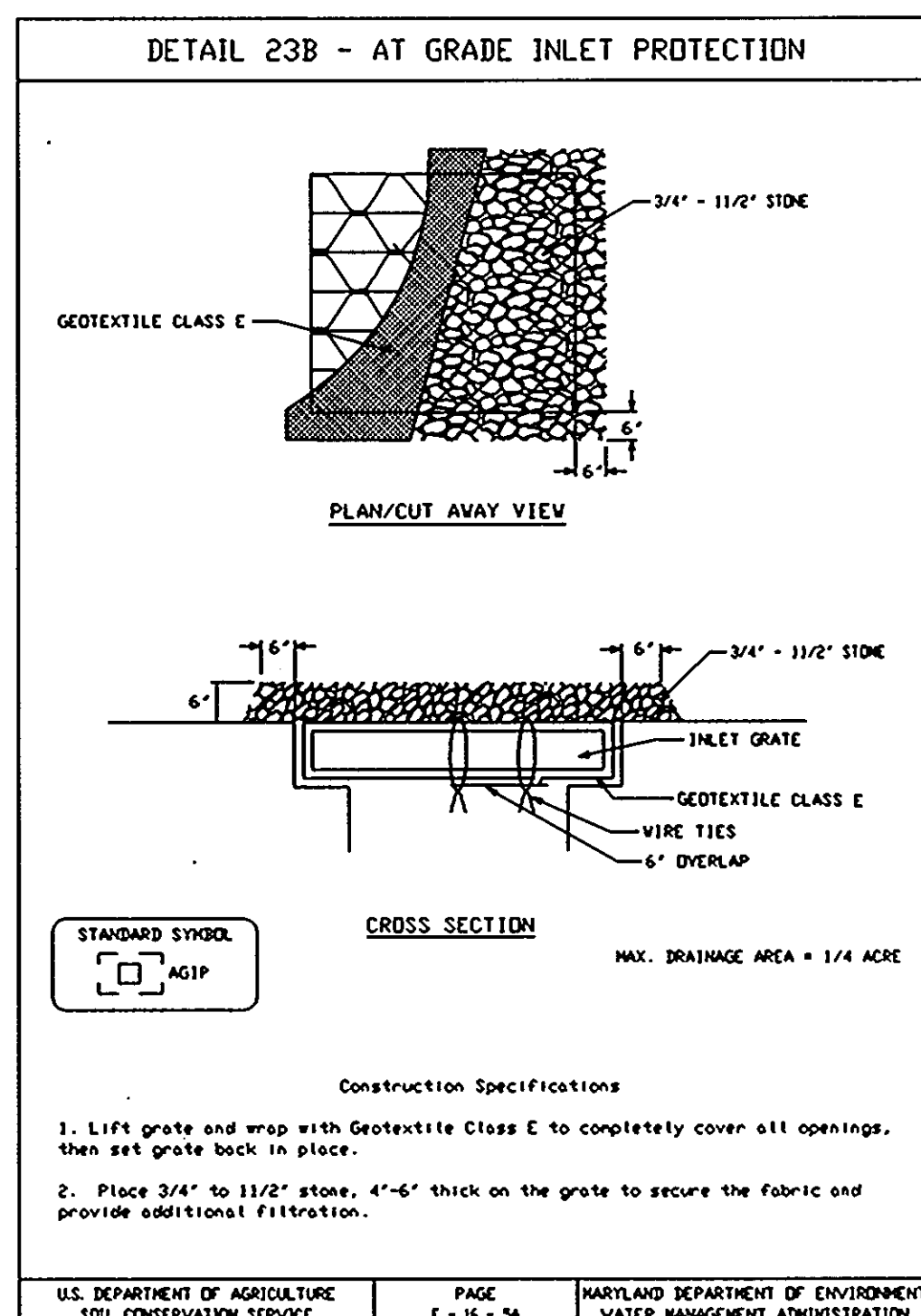
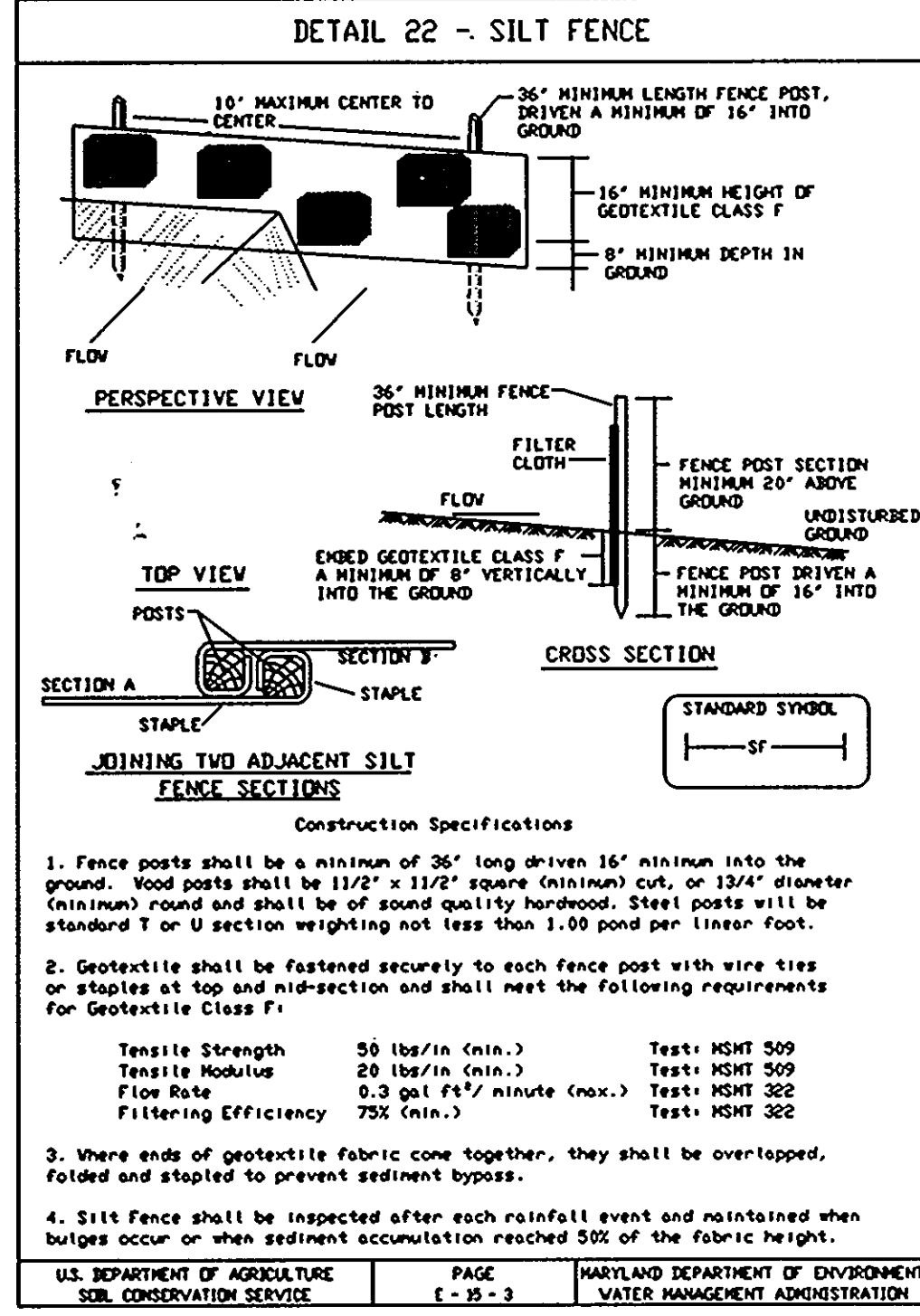
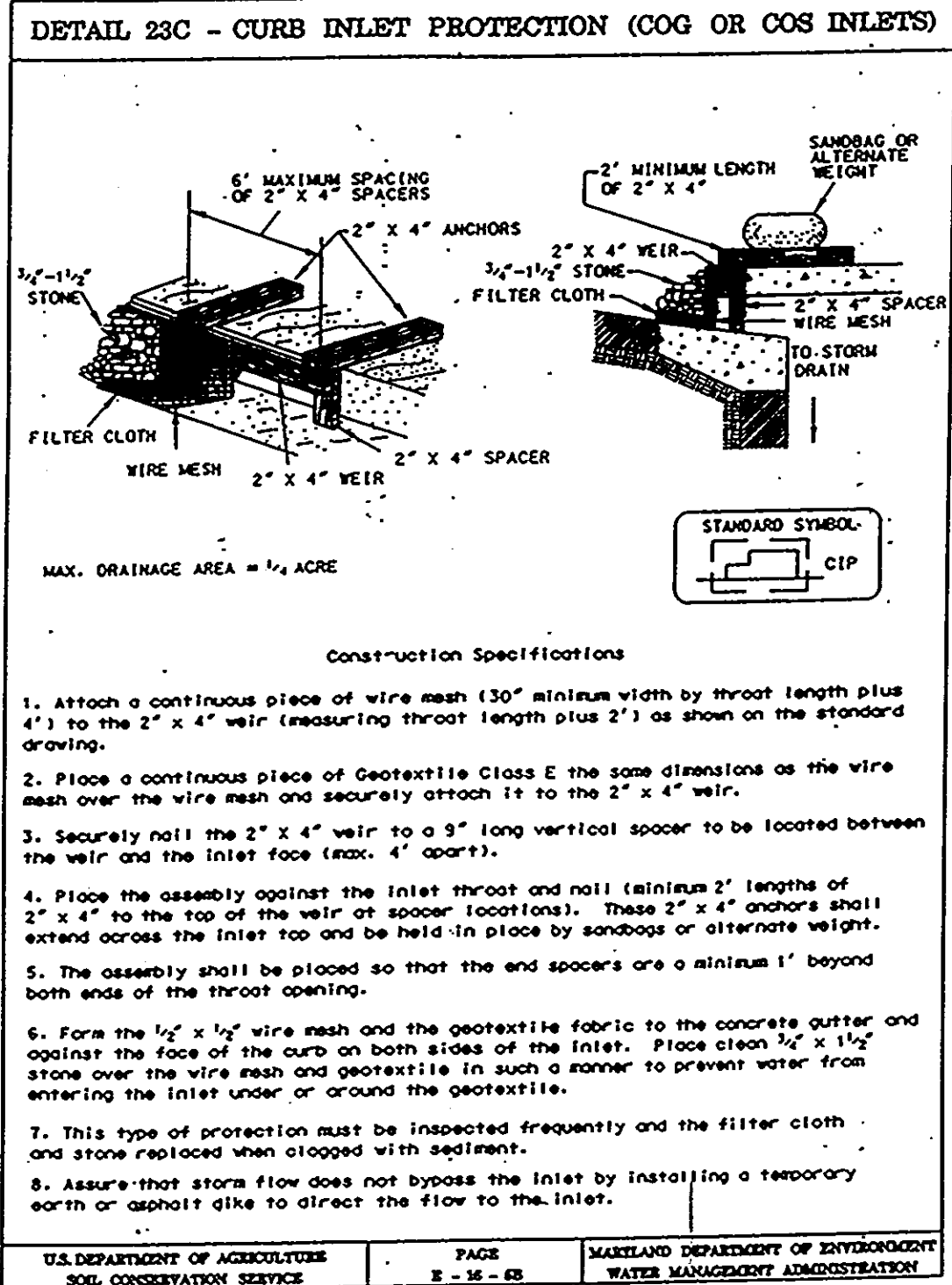
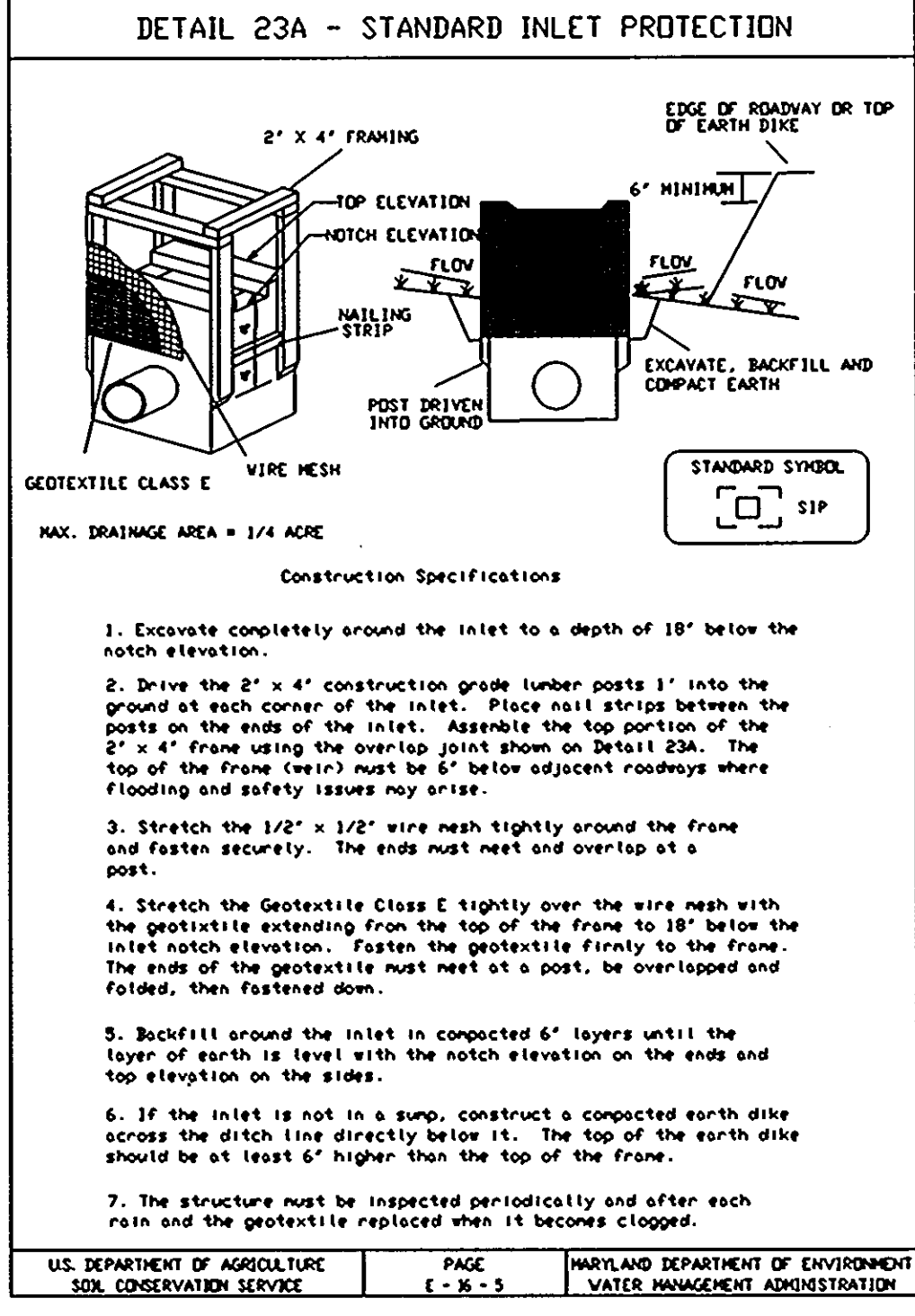
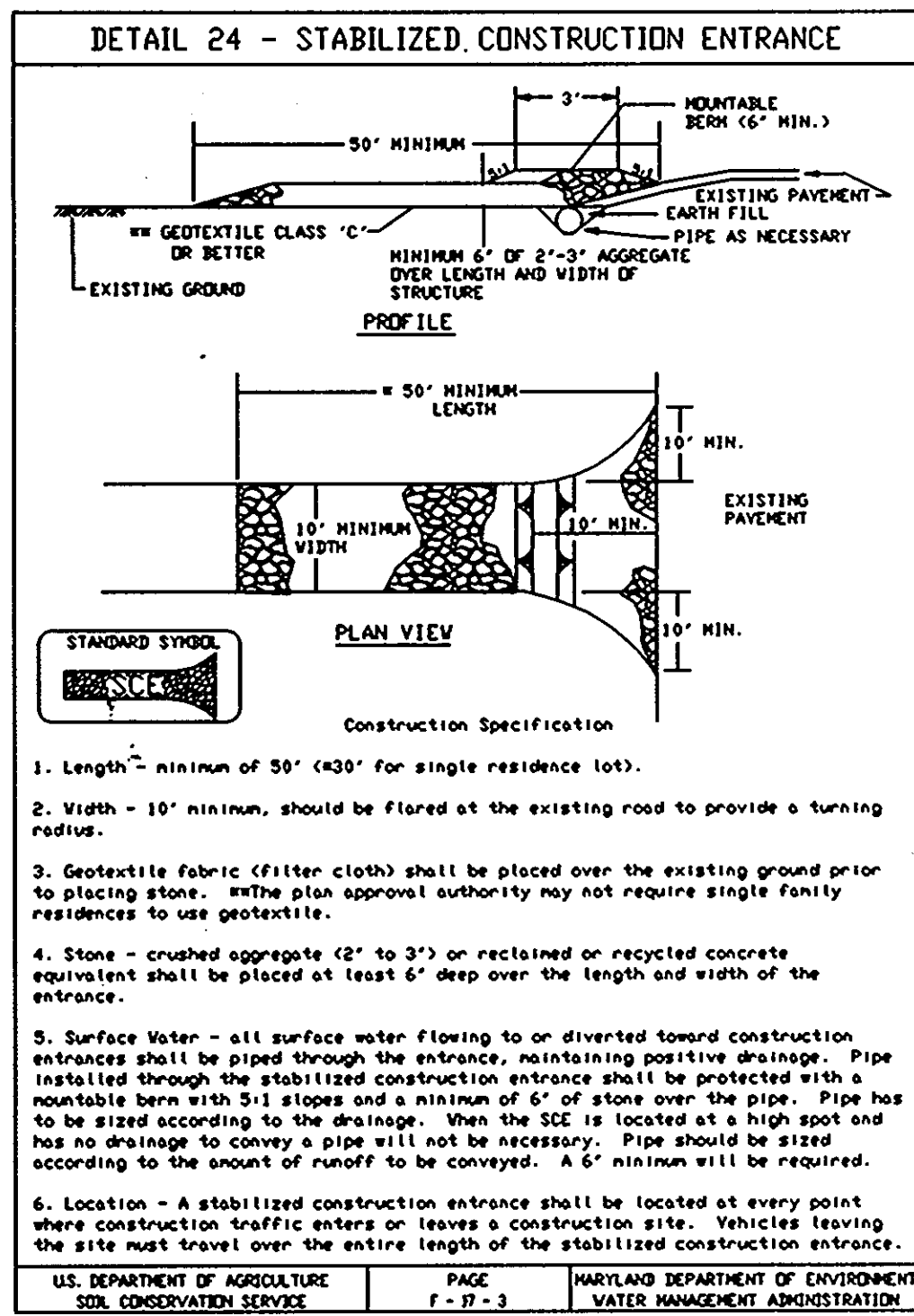
**OWNER / DEVELOPER**  
**BROWNING FERRIS INC.**  
 7531 CEMETERY LANE  
 ELKBRIDGE, MARYLAND 21227  
 (410) 799-7822

**EROSION AND SEDIMENT CONTROL PLAN**  
 BROWNING FERRIS INC. PARCELS 599 & 624  
**RECYCLING CENTER**  
 PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50  
 SCALE: 1" = 50'  
 CONTRACT NO. 95208-10  
 DATE: 10/95  
 SHEET: 6 OF 8

SDP-96-19

SDP96-19





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

*[Signature]* 12-6-95  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/14/95  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/12/95  
DIRECTOR DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

*[Signature]* 12/11/95  
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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 SOIL CONSERVATION DISTRICT.

*[Signature]* 11/14/95  
SIGNATURE OF ENGINEER DATE

NAME: VIR KATHURIA, PRESIDENT

DEVELOPER'S CERTIFICATION

I/WE CERTIFY THAT ALL DEVELOPMENT 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 EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*[Signature]* 11/14/95  
SIGNATURE OF DEVELOPER DATE

NAME: JAMES E. STONE, VICE PRESIDENT

3 1/2" X 3 1/2" APPROVAL BLOCK

(1) REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.

*[Signature]* 11/24/95  
PATRICIA C. WILSON, WASH 95  
USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE

(2) THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*[Signature]* 11/24/95  
HOWARD SCD DATE

REVISIONS	
DATE	DESCRIPTION

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.

ENGINEERS \* PLANNERS \* SURVEYORS

3458 ELLICOTT CENTER DRIVE SUITE 101  
ELLICOTT CITY, MARYLAND 21043  
BALTO. 461-9920 WASH. 621-4690  
FAX 750-8565

OWNER / DEVELOPER

BROWNING FERRIS INC.  
7531 CEMETERY LANE  
ELKRIDGE, MARYLAND 21227  
(410) 799-7822

SEDIMENT CONTROL NOTES & DETAILS

BROWNING FERRIS INC. PARCELS 599 & 624

RECYCLING CENTER

PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP 91-50

SCALE: AS SHOWN CONTRACT NO.: 95208.10 DATE: 10/95 SHEET: 7 OF 8

### Construction Specifications FOR INLET PROTECTION

I. Materials

- Wooden frame is to be constructed of 2" x 4" construction grade lumber.
- Wire mesh must be of sufficient strength to support filter fabric, and stooe for curb inlets, with water fully impounded against it.
- Filter cloth must be of a type approved for this purpose resistant to sunlight with sieve size, 200, 40-85, to allow sufficient passage of water and removal of sediment.
- Stooe is to be 2" in size and clean, since fines would clog the cloth.

II. Procedure

- A weale, ditchline or yard inlet protection.
  - Excavate completely around inlet to a depth of 18" below notch elevation.
  - Drive 2 x 4 post 1" into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.
  - Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
  - Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
  - Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.
  - If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (weir).
  - This structure must be inspected frequently and the filter fabric replaced when clogged.
- Curb Inlet Protection.
  - Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
  - Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
  - Securely nail the 2" x 4" weir to 3" long vertical spacers to be located between the weir and inlet face (max. 6" apart).
  - Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
  - The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
  - Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 3/4" x 1/2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
  - This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
  - Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

### HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs/acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.)
- Acceptable - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.

**Seeding -** For the periods March 1 - April 30, and August 1 - October 15, seed with 60 lbs/acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 - July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs/acre (0.5 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 - February 28, protect site by: Option 1 - Two 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 30 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 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

**Maintenance -** Inspect all seeding areas and make needed repairs, replacements and reseedings.

### TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

**Seedbed preparation:** - Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** - Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

**Seeding -** For periods March 1 - April 30 and from August 15 - October 15, seed with 2-1/2 bushel per acre of annual ryegrass (3.2 lbs/1000 sq. ft.). For the period May 1 - August 14, seed with 3 lbs/acre of weeping lovegrass (0.7 lbs/1000 sq. ft.). For the period November 16 - February 28, protect site by applying 2 tons/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/acre (70 to 90 lbs/1000 sq. ft.) of unrotted weed-free, 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.

### HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction, (313-1855).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the HOWARD COUNTY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
- 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.
- All sediment traps/basins storm must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN HANDBOOK, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 59) 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.
- 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:
 

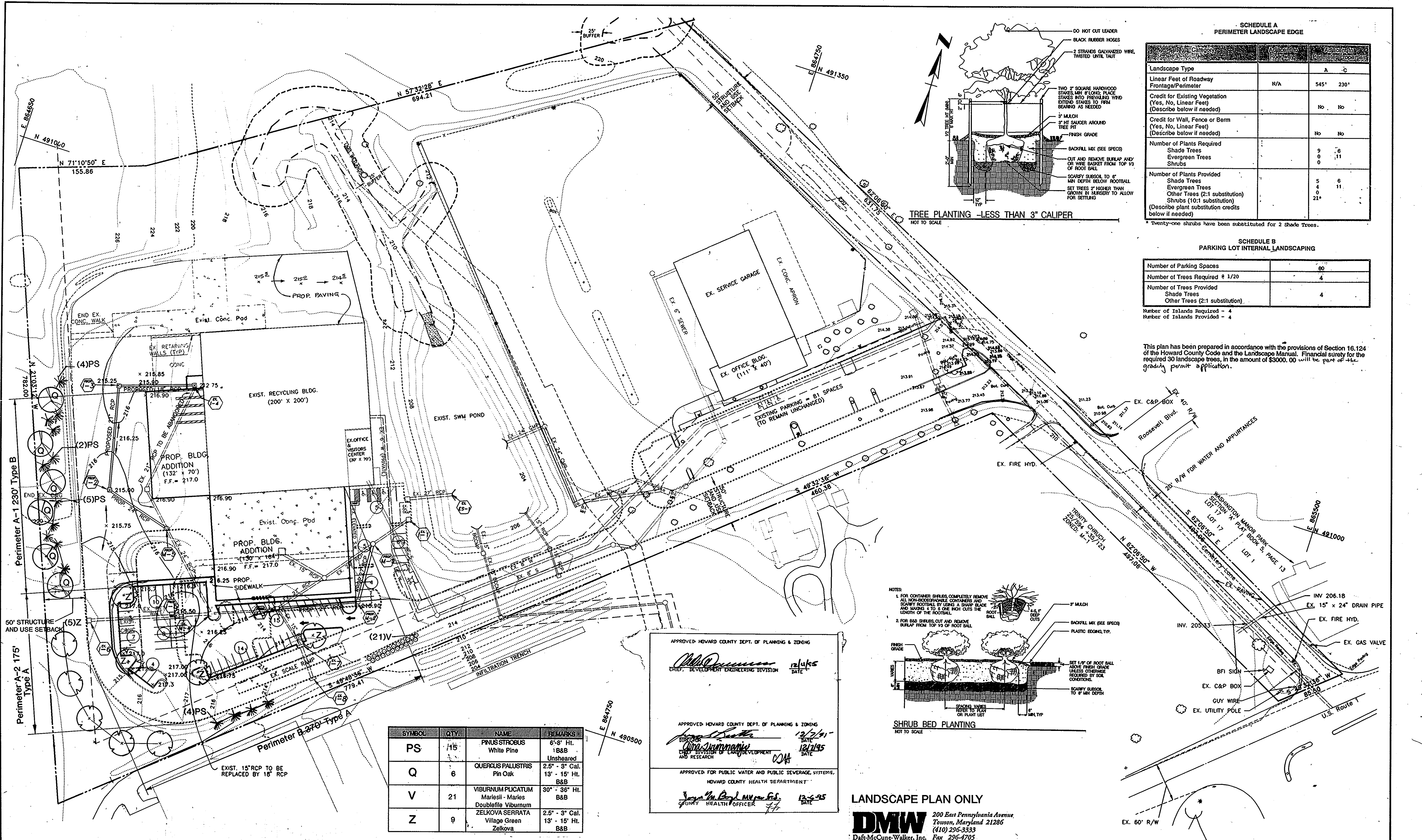
Total Area of Site	17.3 Acres
Area Disturbed	2.61 Acres
Area to be roofed or paved	2.51 Acres
Area to be vegetatively stabilized	0.11 Acres
Total Cut	500 Cu. Yds.
Total Fill	500 Cu. Yds.

 Offsite waste/borrow area location will have an active grading permit (Unknown location) at this time.
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 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.
- Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.

SDP-96-19

SDP-96-19





**SCHEDULE A  
PERIMETER LANDSCAPE EDGE**

Category	Quantity	Remarks
Landscape Type	A	C
Linear Feet of Roadway Frontage/Perimeter	N/A	545' 230'
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	No	No
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	No	No
Number of Plants Required		
Shade Trees	9	6
Evergreen Trees	0	11
Shrubs	0	0
Number of Plants Provided		
Shade Trees	5	6
Evergreen Trees	4	11
Other Trees (2:1 substitution)	0	0
Shrubs (10:1 substitution)	0	21*

\*Twenty-one shrubs have been substituted for 2 Shade Trees.

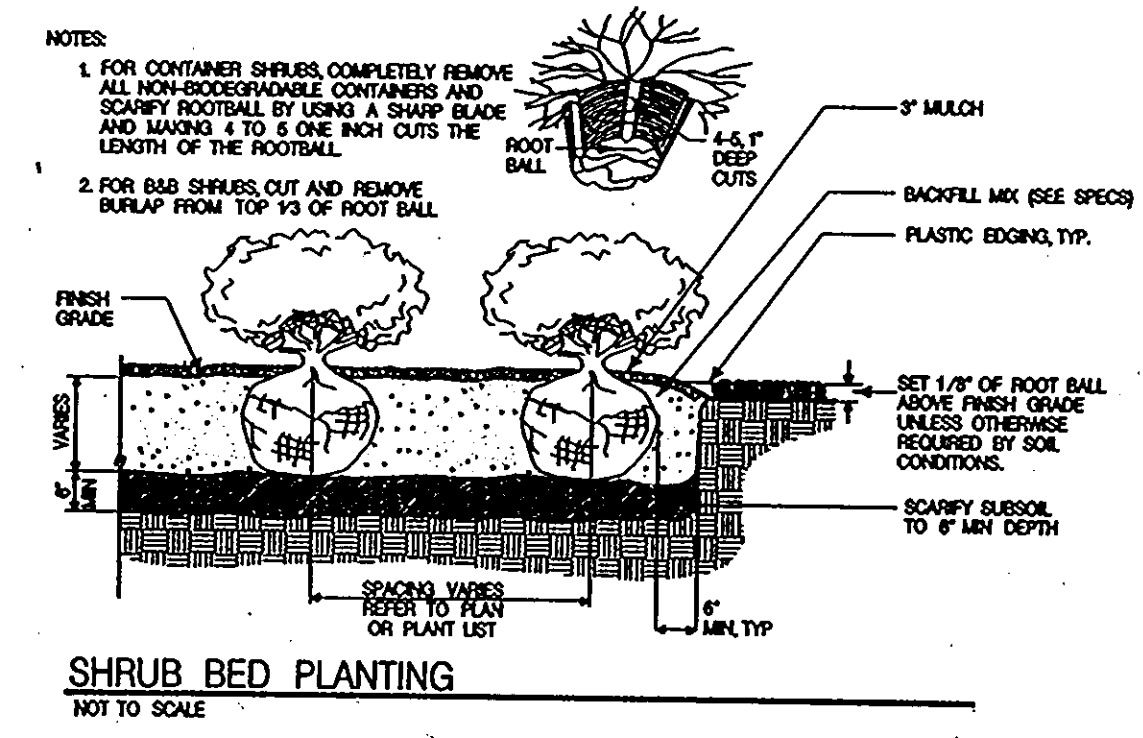
**SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING**

Number of Parking Spaces	80
Number of Trees Required @ 1/20	4
Number of Trees Provided	4
Shade Trees	4
Other Trees (2:1 substitution)	0

Number of Islands Required - 4  
Number of Islands Provided - 4

This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual. Financial surety for the required 30 landscape trees, in the amount of \$3000.00 will be part of the grading permit application.

**TREE PLANTING - LESS THAN 3" CALIPER**  
NOT TO SCALE



SYMBOL	QTY.	NAME	REMARKS
PS	15	PNUS STROBUS White Pine	6'-8" Ht. 1B&B Unsheared
Q	6	QUERCUS PALUSTRIS Pin Oak	2.5" - 3" Cal. 13' - 15' Ht. B&B
V	21	VIBURNUM Plicatum Marlesii - Marles Doublefile Viburnum	30" - 36" Ht. B&B
Z	9	ZELKOVA SERRATA Village Green Zelkova	2.5" - 3" Cal. 13' - 15' Ht. B&B

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*[Signature]* 12/4/95  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*[Signature]* 12/2/95  
 SUPERVISOR DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*[Signature]* 12/1/95  
 SUPERVISOR DATE

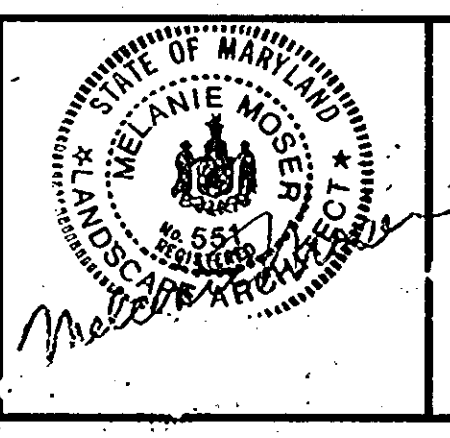
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 12-6-95  
 COUNTY HEALTH OFFICER DATE

**LANDSCAPE PLAN ONLY**  
**DMW** 200 East Pennsylvania Avenue,  
 Towson, Maryland 21286  
 (410) 296-3333  
 Daft-McCune-Walker, Inc. Fax 296-4705

**REVISIONS**

DESIGNED BY:	DATE	DATE	BY	DESCRIPTION

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**  
 ENGINEERS \* PLANNERS \* SURVEYORS  
 3458 ELLICOTT CENTER DRIVE SUITE 101  
 ELLICOTT CITY, MARYLAND 21043  
 BALTO. 461-8920 WASH. 621-4690  
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 ELK RIDGE, MARYLAND 21227  
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**LANDSCAPE PLAN & DETAILS**  
 BROWNING-FERRIS INC. PARCEL 599 & 624  
**RECYCLING CENTER**  
 PROPOSED EXPANSION -- BUILDING ADDITIONS TO SDP. 91-50  
 SCALE: 1" = 50' CONTRACT NO.: 95208.10 DATE: 10/95 SHEET: 8 OF 8