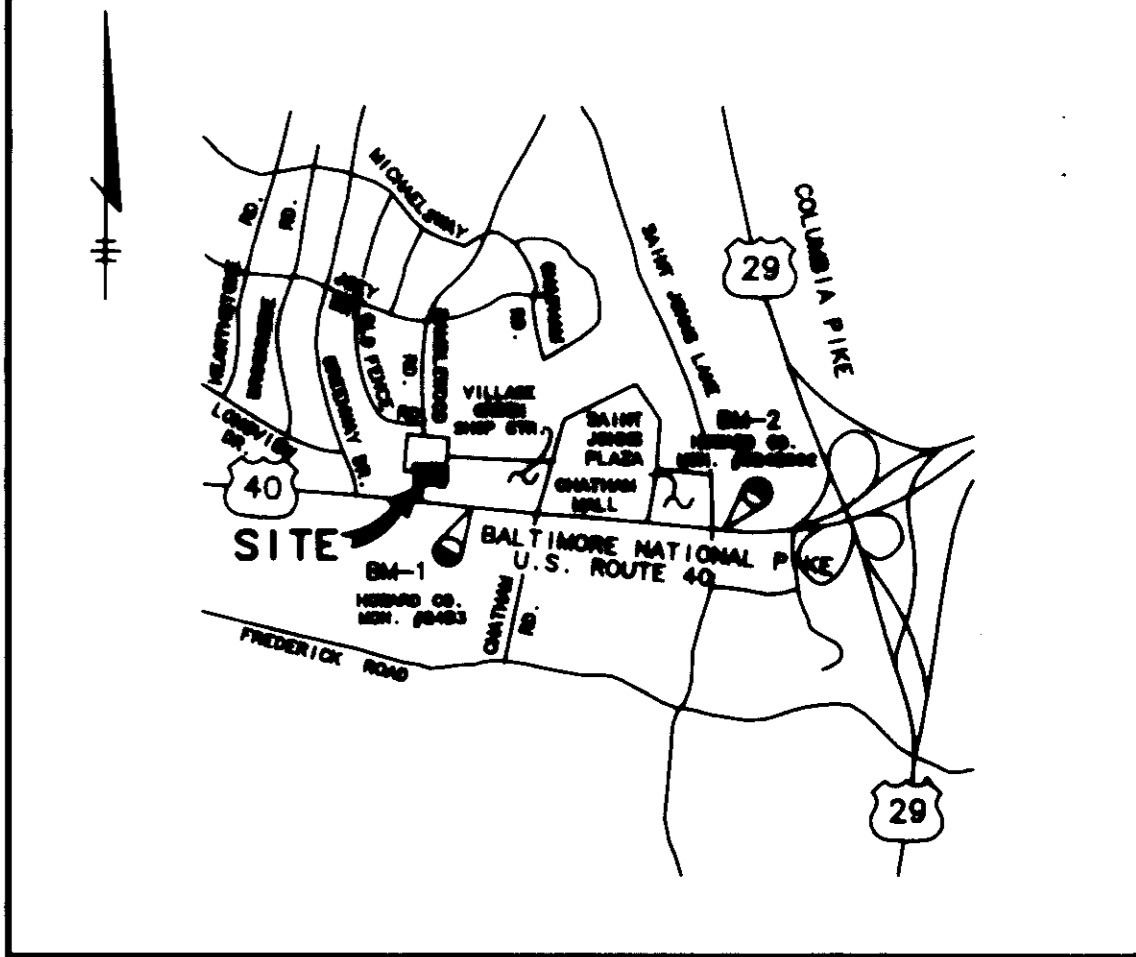


SHEET INDEX	
No.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	GRADING AND SEDIMENT CONTROL PLAN
4	LANDSCAPE PLAN
5	DRAINAGE AREA MAP, SEDIMENT CONTROL DETAILS & NOTES
6	PROFILES & DETAILS

SITE DEVELOPMENT PLAN DOLLY'S CAR WASH LYNCH PROPERTY PARCEL A 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1"=2000'

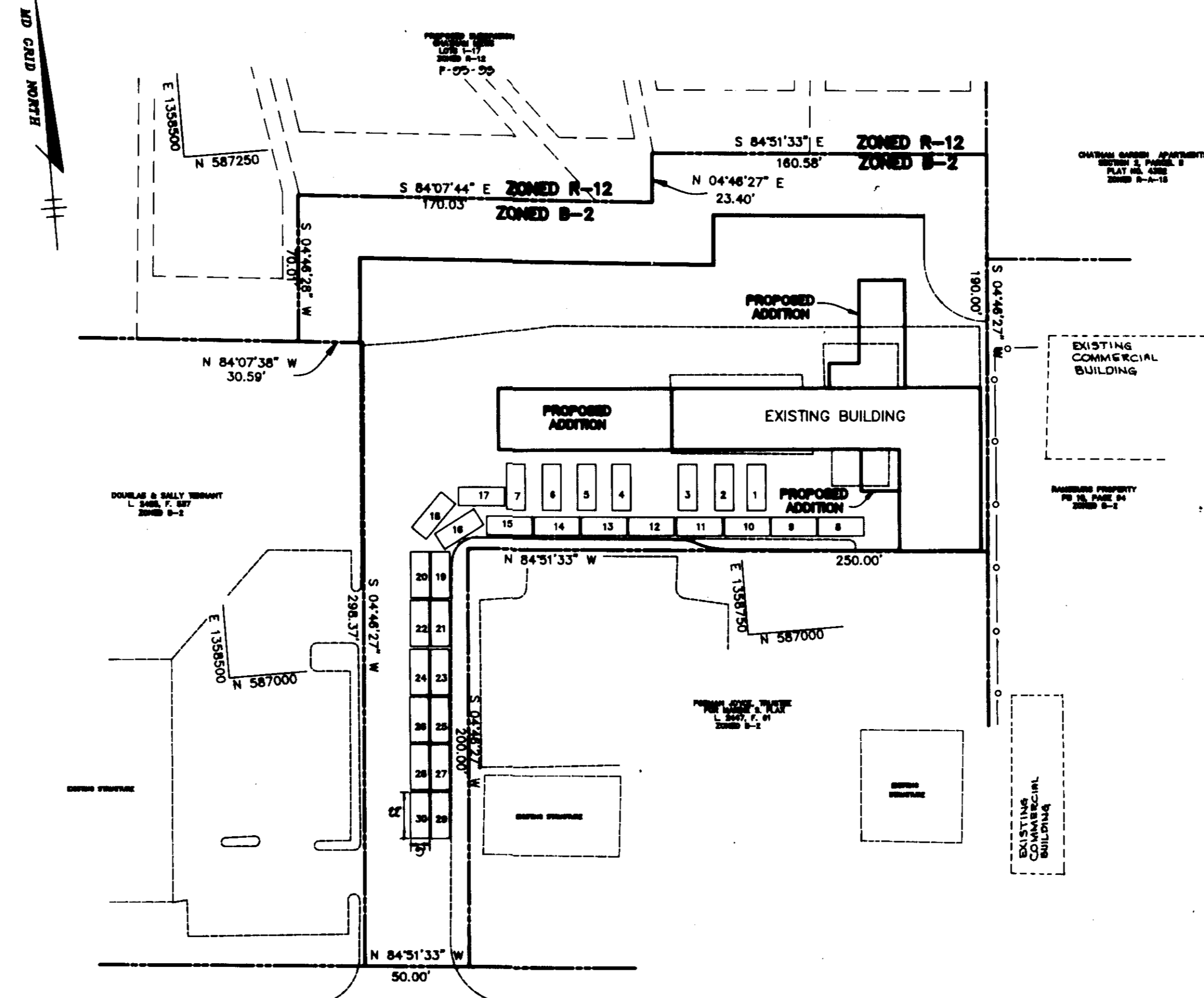
BENCHMARKS

BM-1
HOWARD COUNTY CONTROL STATION # 2003 ELEV= 388.50
N. 88°01'20" E. 1388.23 (DMS)
CONC. MON. @ SURFACE 1' N. OF E. OF EAST TRAFFIC LANE
100' EAST OF E. END OF SANDOZ STATION OPPOSITE SECTION B.M.
1.5' BELOW SURFACE.

BM-2
HOWARD COUNTY CONTROL STATION # 2008 ELEV= 405.70
N. 88°01'20" E. 848.76 (DMS)
CONC. MON. @ SURFACE 1' N. OF E. OF E. OF SHOULDER OF
RTE. 40 WEST 100' OF ST. JOHN'S LANE.

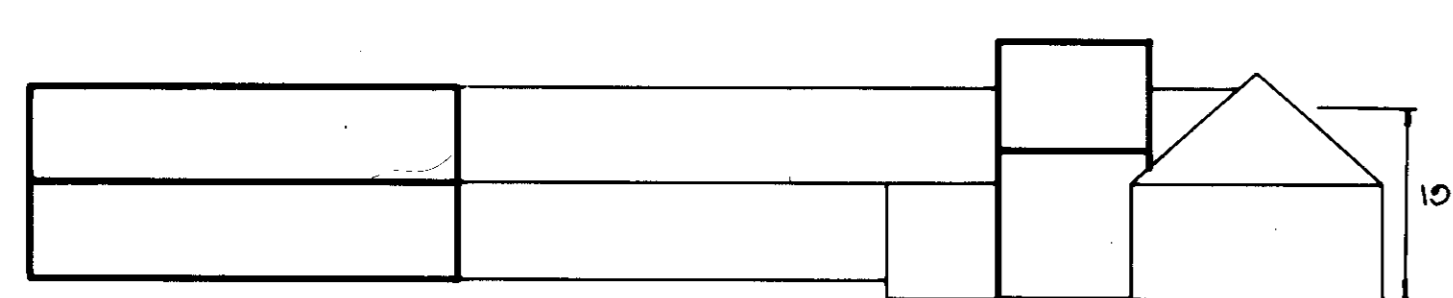
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUM B.L.M.A.L. STANDARDS AND SPECIFICATIONS OF APPLICATION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES AND SUPERFICIAL SERVICES. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST ALL EXISTING UTILITIES AT LEAST 2 WEEKS BEFORE STARTING WORK. BEFORE ANY CHANGES TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTORS AT (410) 313-1850 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 - MISE UTILITY 1-800-237-7777
 - SEA ATLANTIC TELEPHONE COMPANY 728-8878
 - HOWARD COUNTY BUREAU OF UTILITIES 315-4800
 - STATE CABLE LOCATION DIVISION 346-3883
 - BALTIMORE GAS & ELECTRIC COMPANY 488-0123
 - STATE HIGHWAY ADMINISTRATION 531-8633
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- EX. PUBLIC WATER - CONTRACT NO. 14-1054-10
EX. PUBLIC SEWER - CONTRACT NO. 1500-5
- TPO AND EXISTING UTILITIES SECTION FROM FIELD PLAN SURVEY DATED DEC. 1993, BY RIEMER MUEGGE AND ASSOCIATES, INC.
- VERTICAL CONTROL ESTABLISHED USING N.C. CO. MONUMENT (SANDOZ) & SANDOZ (40217) HORIZONTAL CONTROL ESTABLISHED FROM MARYLAND STATE COORDINATE SYSTEM.
- PREVIOUS COUNTY FILE NO.: F-84-84-20000M
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE EXISTING AND PROPOSED CONSTRUCTION. STORMWATER MANAGEMENT PRACTICES AND THE DISPOSAL OF STORMWATER 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.
- THE PAVEMENT DETAILS SHOWN ON THESE PLANS REFLECT THE HOWARD COUNTY MEMBRAN STANDARD PAVEMENT SECTIONS AND ARE NOT BASED ON SITE SPECIFIC CONDITIONS. PRIOR TO PAVING, THE FINAL PAVEMENT SECTIONS SHALL BE DETERMINED BY A QUALIFIED GEOTECHNICAL ENGINEER BASED ON 8"-8 1/2" TESTS OF THE FINISHED SURFACE. ANY PAVEMENT SECTION DETERMINED BY THE GEOTECHNICAL ENGINEER THAT IS LESS THAN THE HOWARD COUNTY MEMBRAN STANDARD, SHALL FIRST BE APPROVED BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. THE TESTING AND GEOTECHNICAL ENGINEER SHALL BE FURNISHED BY THE OWNER.
- ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1928.
- ANY DAMAGE TO THE COUNTY'S OR S.L.A. M.W. SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- STORMWATER MANAGEMENT FOR THIS SITE TO BE PROVIDED UNDER F-05-02.
- THERE ARE NO WETLANDS OR FLOODPLAIN ON SITE.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.

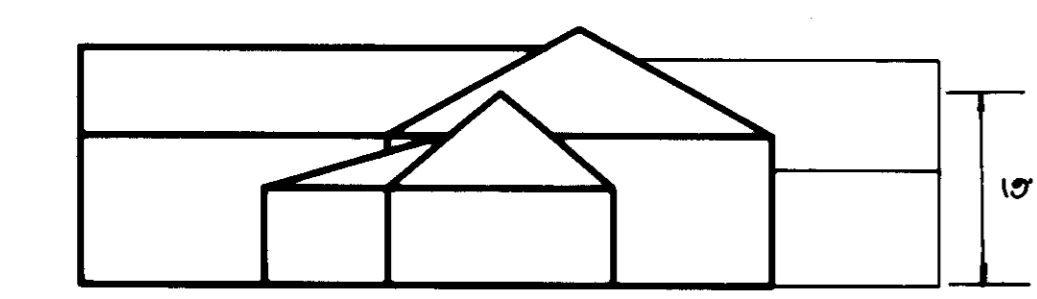


U.S. ROUTE 40
BALTIMORE NATIONAL PIKE

PLAN
SCALE: 1"=50'



FRONT



LEFT SIDE

ELEVATION
NOT TO SCALE

SITE ANALYSIS

AREA OF PROPERTY: 1.802 AC. OR 78495 S.F.
PRESENT ZONING: B-2
PROPOSED USE: CAR WASH
BUILDING AREA:
EXISTING: 8190 S.F.
PROPOSED: 4040 S.F.
TOTAL: 12230 S.F.
BUILDING COVERAGE (% OF SITE): 13%
PARKING: NO. OF EMPLOYEES = 4
PARKING PROVIDED: 1 SP./EMPLOYEE
PARKING PROVIDED: 6 SPACES (INCLUDING 1 H/C SP.)
PAVED AREA:
EXISTING: 9690 S.F.
PROPOSED: 11168 S.F.
TOTAL: 20858 S.F.
PAVING COVERAGE (% OF SITE): 25%
STAGING PROVIDED: 30 CARS
STAGING DIMENSION: 9'X22'
NUMBER OF BAYS: 10
EXISTING: 4
PROPOSED: 4

ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
A	9430 BALTIMORE NATIONAL PIKE

LYNCH PROPERTY, PARCELS A & B		A	
PARCEL #	AREA	AREA	AREA
1121G	12	24	24
	12	24	24
	12	24	24

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

[Signature] 9/28/95
DIRECTOR DATE

[Signature] T.C. 9/23/95
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

[Signature] 9/18/95
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DATE NO.	REVISION

OWNER / DEVELOPER

THE LYNCH PARTNERSHIP
c/o MIKE LYNCH
9430 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042

PROJECT
DOLLY'S CAR WASH

AREA
TAX MAP 24 ZONED B-2
LYNCH PROPERTY, PARCEL A
2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE
TITLE SHEET

8-30-95
DATE

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER

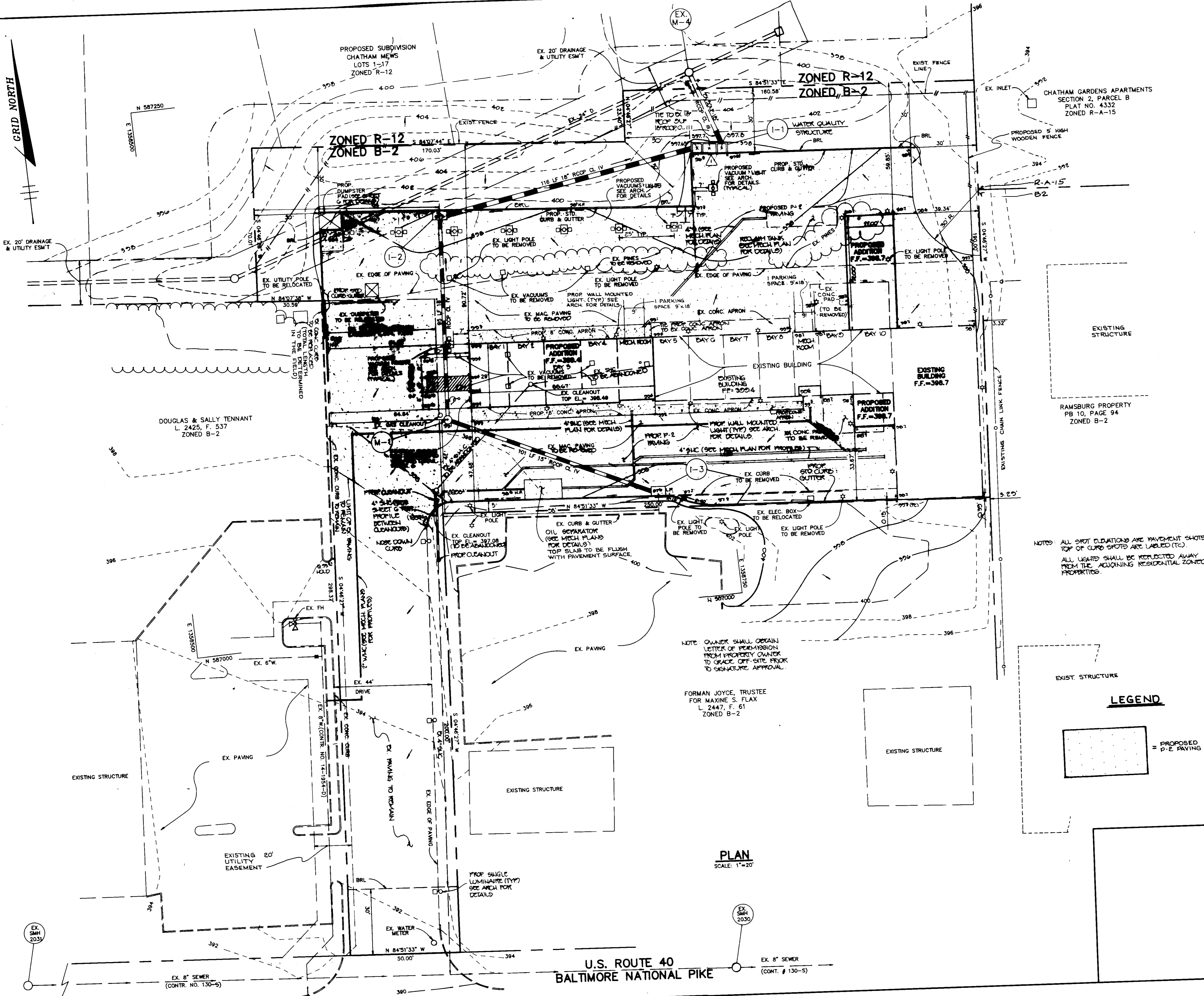
[Signature]
J. Farrell

JAYKANT D. PAREKH #19148

F-84-84-20000M

DESIGNED BY: J.C.O./JTD.
DRAWN BY: J.C.O.
PROJECT NO: 50013
DATE: AUG. 30, 1995
SCALE: AS SHOWN
DRAWING NO. 1 OF 6

GRID NORTH



NOTE: OWNER SHALL OBTAIN LETTER OF PERMISSION FROM PROPERTY OWNER TO GRADE OFF-SITE PRIOR TO SIGNATURE APPROVAL.

FORMAN JOYCE, TRUSTEE FOR MAXINE S. FLAX L. 2447, F. 61 ZONED B-2

PLAN
SCALE: 1"=20'

U.S. ROUTE 40
BALTIMORE NATIONAL PIKE

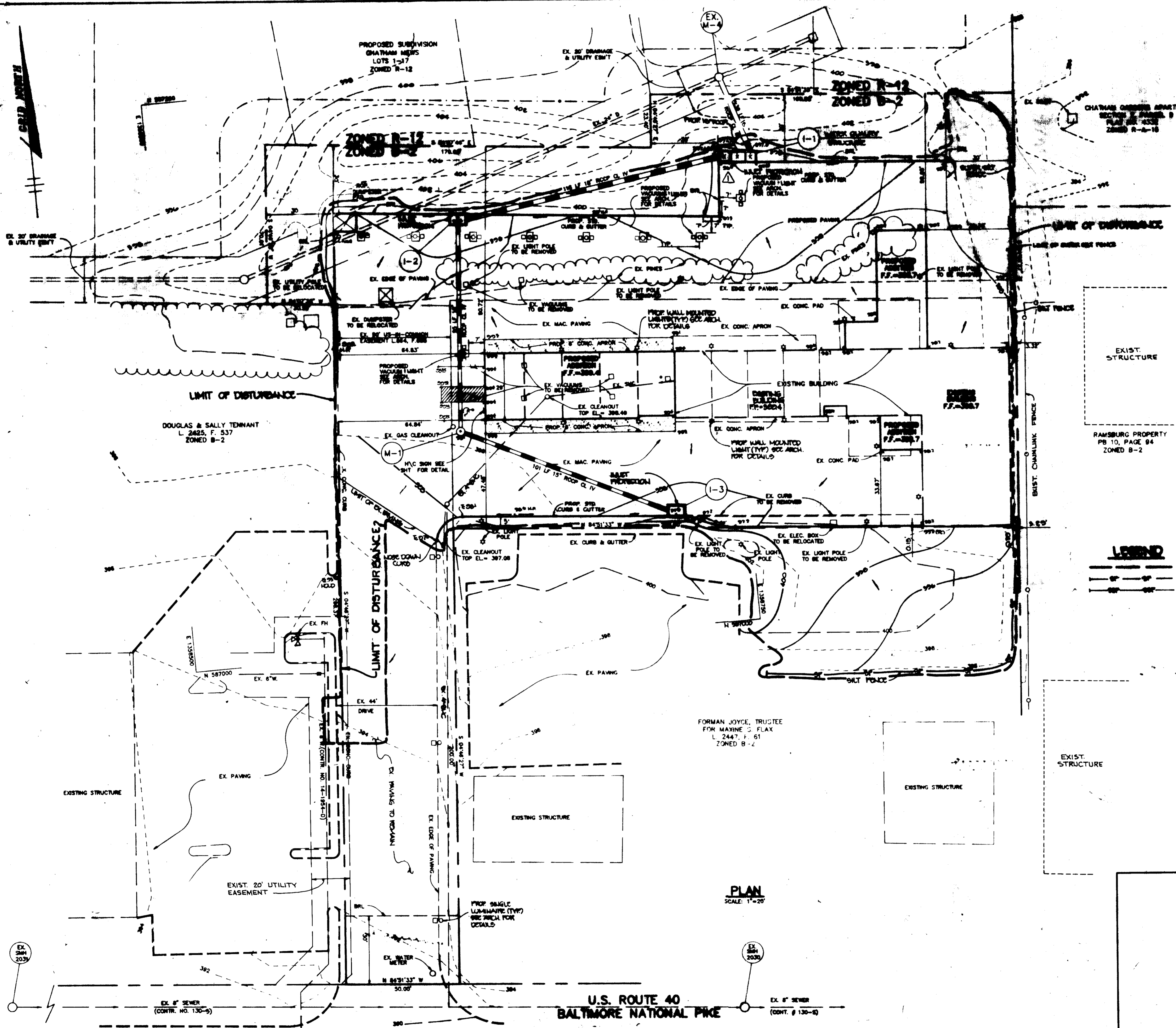
NOTES: ALL SPOT ELEVATIONS ARE PAVEMENT SHOTS. TOP OF CURB SPOTS ARE LABELED (TC). ALL LIGHTS SHALL BE REFLECTED AWAY FROM THE ADJACENT RESIDENTIAL ZONED PROPERTIES.

LEGEND

[Hatched Box] = PROPOSED P-2 PAVING

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>Joseph Smith</i>	9/21/95 DATE
<i>Jim Swearingen</i>	9/21/95 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH	7/25/95 DATE
<i>W.D. Permann</i>	9/10/95 DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	
9/15/95	STRUCTURE I-1 INVERTS
DATE NO.	REVISION
OWNER / DEVELOPER	
THE LYNCH PARTNERSHIP c/o MIKE LYNCH 9430 BALTIMORE NATIONAL PIKE ELLCOTT CITY, MARYLAND 21042	
PROJECT	
DOLLY'S CAR WASH	
AREA	
TAX MAP NO. 24 ZONED B-2 LYNCH PROPERTY, PARCEL A 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	
SITE DEVELOPMENT PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. Planners • Engineers • Surveyors 8818 Centre Park Drive • Suite 200 Columbia, Md 21045 410-997-8900 FAX: 410-997-9282	
8.30.95 DATE	F-94-84, Z0 000M
	DESIGNED BY: J.C.O./J.T.D.
<i>J. Saell</i>	DRAWN BY: J.C.O./J.T.D.
JAYKANT G. PAREKH #19148	PROJECT NO: 50013
	DATE: AUG. 30, 1995
	SCALE: AS SHOWN
	DRAWING NO. 2 OF 6

AS BUILT 9/15/96 50P.05.72



LEGEND

--- LIMIT OF DISTURBANCE
 - - - - - SALT FENCE
 - - - - - SUPER SALT FENCE

PLAN
 SCALE: 1"=20'

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THIS PLAN, AND THAT ANY EROSION CONTROL MEASURES AS THE CONSTRUCTION PROJECT IS UNDER A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED SEDIMENT CONTROL PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO APPROVE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 8/29/95
 DEVELOPER: [Signature]

BY THE ENGINEER:
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL MEASURES IS A FEASIBLE AND REASONABLE 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.

DATE: 8-30-95
 ENGINEER: J. Farrell

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

DATE: 7/1/95
 NATURAL RESOURCES CONSERVATION DISTRICT: [Signature]

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

DATE: 7/1/95
 HOWARD SOIL CONSERVATION DISTRICT: [Signature]

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

DATE: [Signature]

COUNTY HEALTH OFFICER: [Signature]

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DATE: 9/1/95
 [Signature]

DATE: 9/2/95
 [Signature] CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

DATE: 9/1/95
 [Signature] CHIEF, DEVELOPMENT ENGINEERING DIVISION

9/1/95 STRUCTURE I-1 INVERTS

DATE NO.	REVISION

OWNER / DEVELOPER
 THE LYNCH PARTNERSHIP
 c/o MIKE LYNCH
 9430 BALTIMORE NATIONAL PIKE
 ELLIGOTT CITY, MARYLAND 21042

PROJECT: **DOLLY'S CAR WASH**

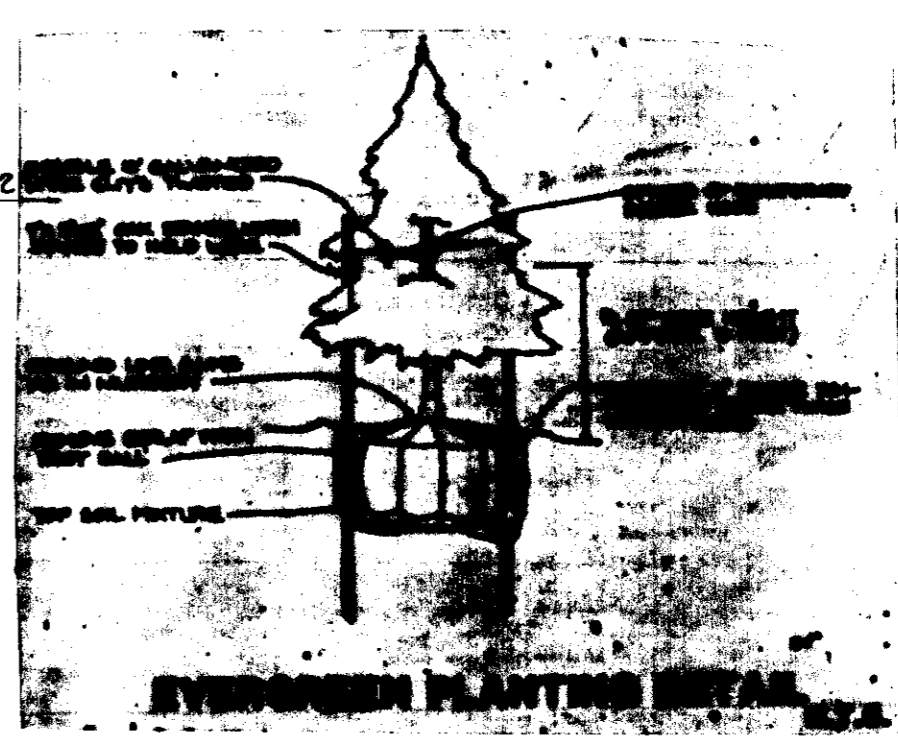
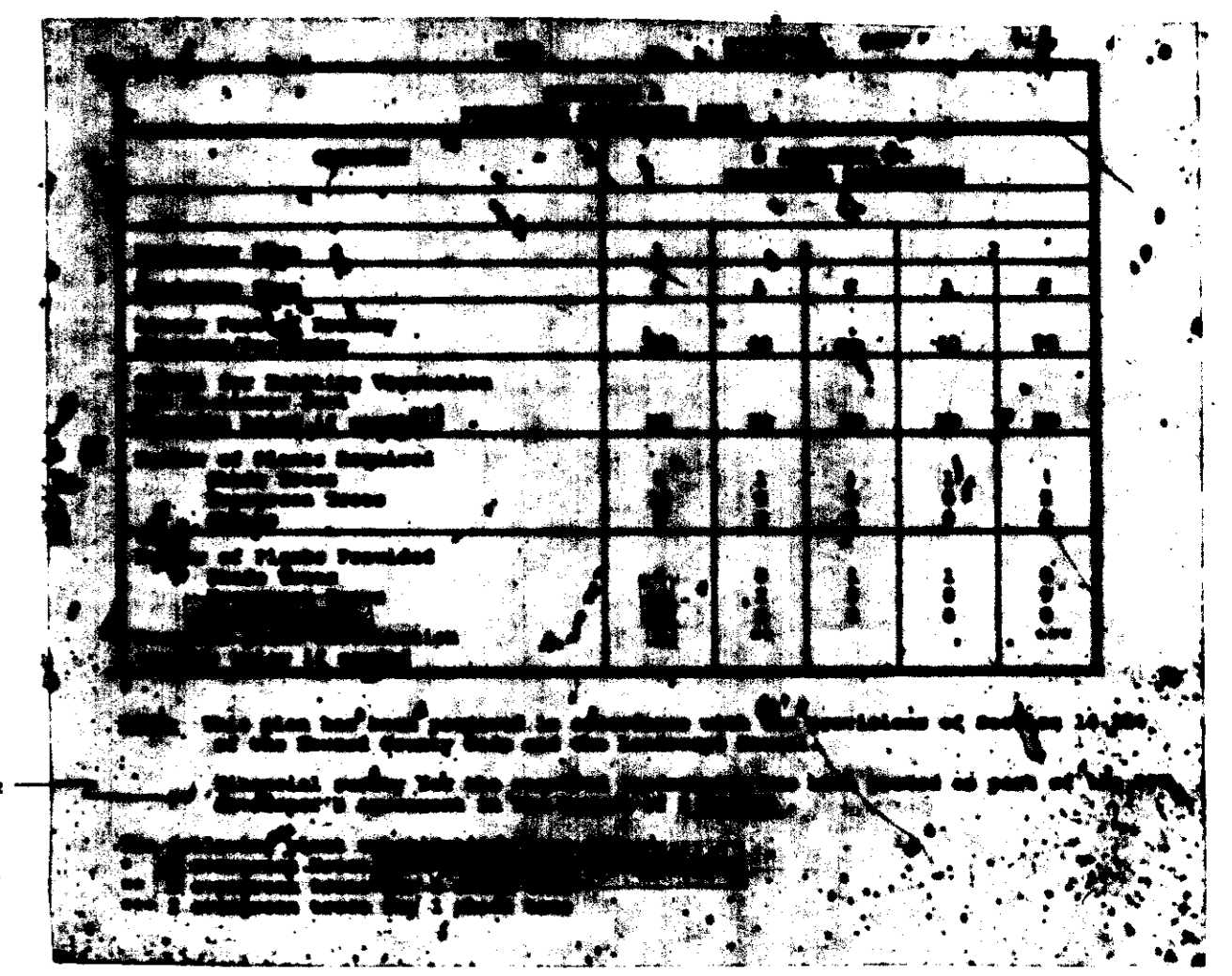
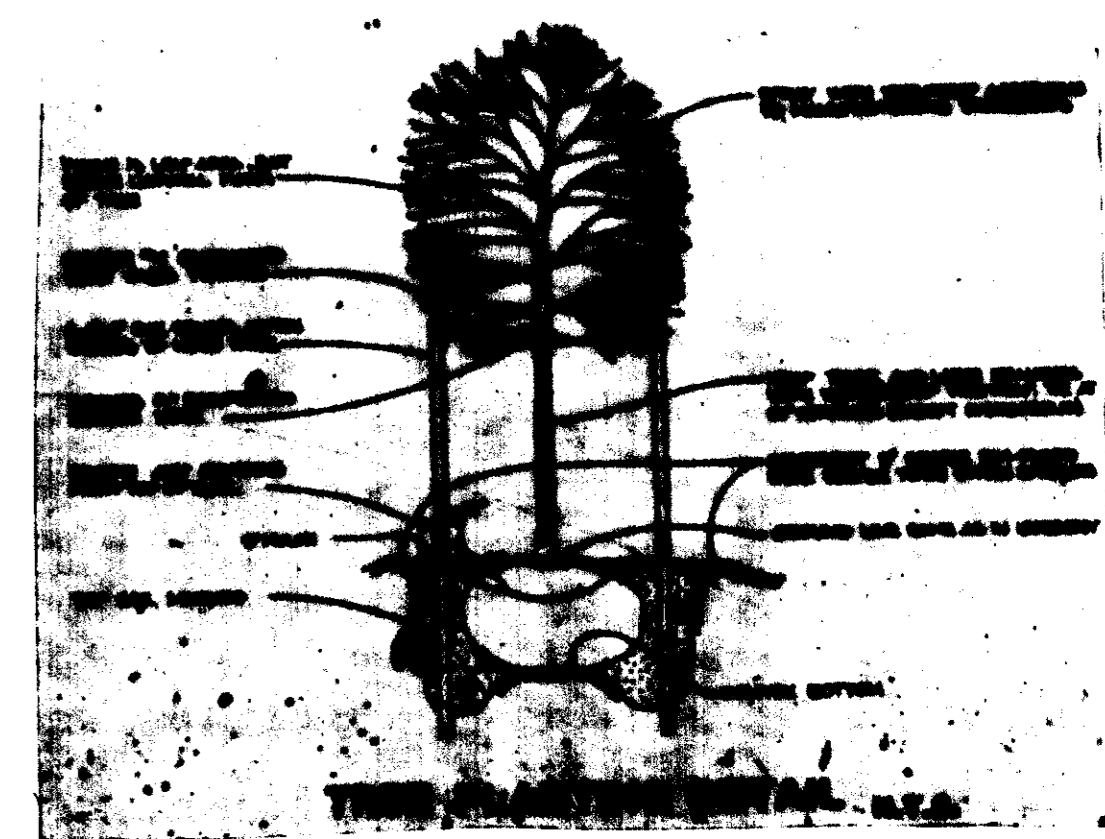
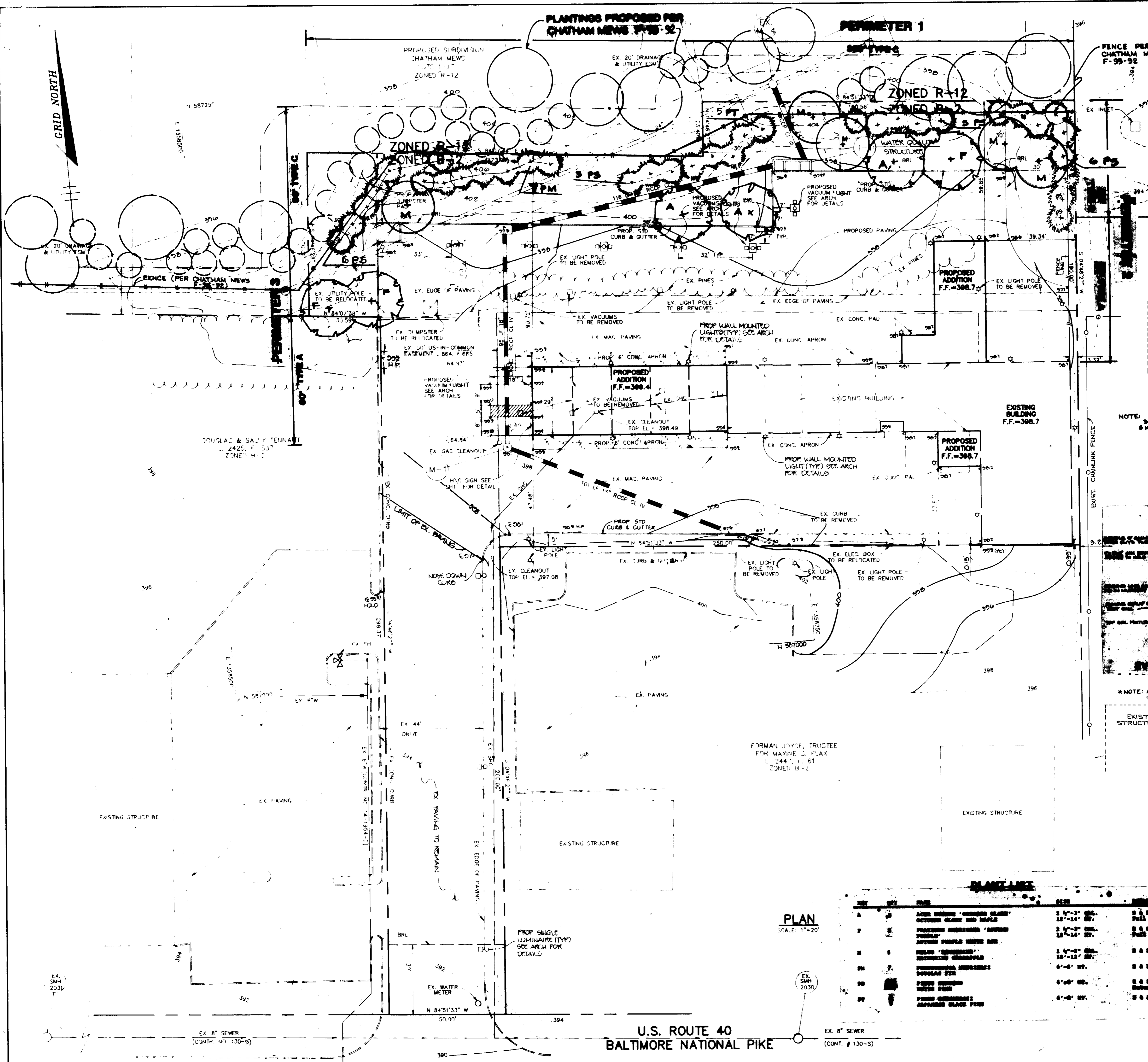
AREA: TAX MAP NO. 24 ZONED B-2
 LYNCH PROPERTY, PARCEL A
 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: **GRADING AND SEDIMENT CONTROL PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
 Planners • Engineers • Surveyors
 8818 Centre Park Drive • Suite 200 Columbia, Md 21045
 410-997-8900 FAX: 410-997-9282

DATE: 8-30-95
 DESIGNED BY: J.C.O./J.T.D.
 DRAWN BY: J.C.O./J.T.D.
 PROJECT NO.: 50013
 DATE: AUG. 30, 1995
 SCALE: AS SHOWN
 DRAWING NO. 2 OF 6

DATE: 8-30-95
 [Seal of State of Maryland Professional Engineer]
 J. Farrell
 JAYKANT D. PAREKH #19148
 AS BUILT 9/15/96



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

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature] 9/29/95
 DIRECTOR DATE

[Signature] 9/29/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

[Signature] 9/29/95
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DATE	NO.	REVISION

OWNER / DEVELOPER
 THE LYNCH PARTNERSHIP
 9439 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21142

PROJECT
DOLLY'S CAR WASH

AREA
 TAX MAP NO. 24
 LYNCH PROPERTY, PARCEL A
 2nd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE
LANDSCAPE PLAN

RIEMER MUEGGE & ASSOCIATES, INC.
 Planners • Engineers • Surveyors
 8818 Centre Park Drive • Suite 200 Columbia, Md 21045
 410-997-8900 FAX: 410-997-9282

8-30-95 DATE
 7-24-84 F-24-84

DESIGNED BY: JWC/JTC
 DRAWN BY: JWC/JTC
 PROJECT NO.: 1000
 DATE: AUG. 30, 1995
 SCALE: AS SHOWN
 DRAWING NO.: 4 OF 6

PLANT LIST

NO.	QTY	NAME	SIZE	REMARKS
1	1	ASH BUDS 'GOLDEN GLAZED' OUTSIDE GLAZED AND TRAPED	1 1/2" - 2" DB.	2 1/2" DB.
2	2	PANICLED HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
3	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
4	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
5	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
6	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
7	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
8	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
9	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
10	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
11	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
12	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
13	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
14	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
15	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
16	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
17	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
18	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
19	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
20	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
21	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
22	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
23	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
24	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
25	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
26	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
27	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
28	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
29	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.
30	1	HYDRANGEA 'ANNIE'S REVEREND'	12" - 14" DB.	2 1/2" DB.

PLAN
 SCALE: 1" = 20'

U.S. ROUTE 40
 BALTIMORE NATIONAL PIKE

TEMPORARY SEEDING NOTES

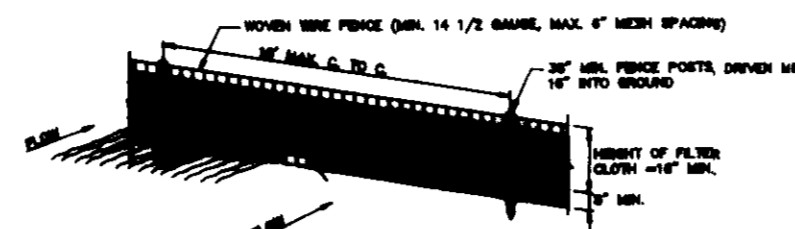
Apply to graded or cleared areas... Temporary Seeding - Apply to graded or cleared areas...

PERMANENT SEEDING NOTES

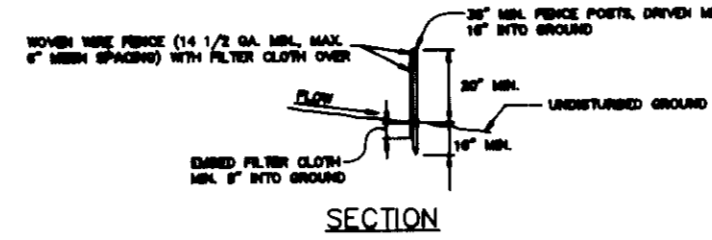
Apply to graded or cleared areas not subject to immediate further disturbance... Permanent Seeding - Apply to graded or cleared areas...

SEEDING CONTROL NOTES

- 1. A minimum of 48 hours notice must be given to the Howard County Office of Inspection... 2. All vegetation and structural practices are to be installed...



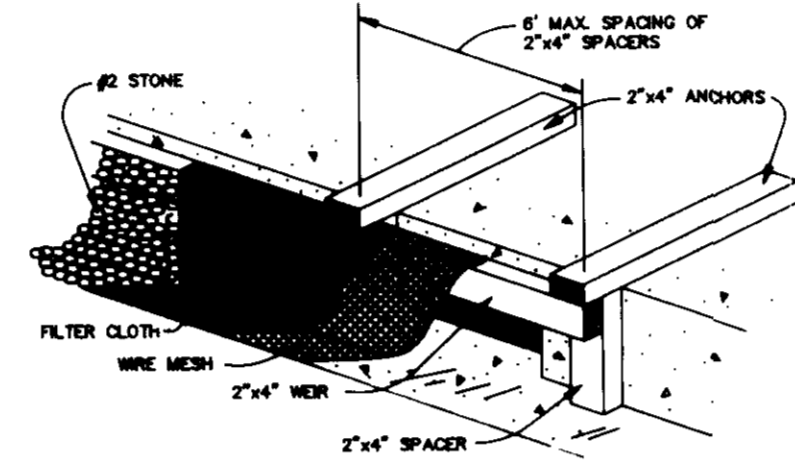
PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE... 1. WIRE MESH FENCE TO BE FASTENED SECURELY TO FENCE POSTS...

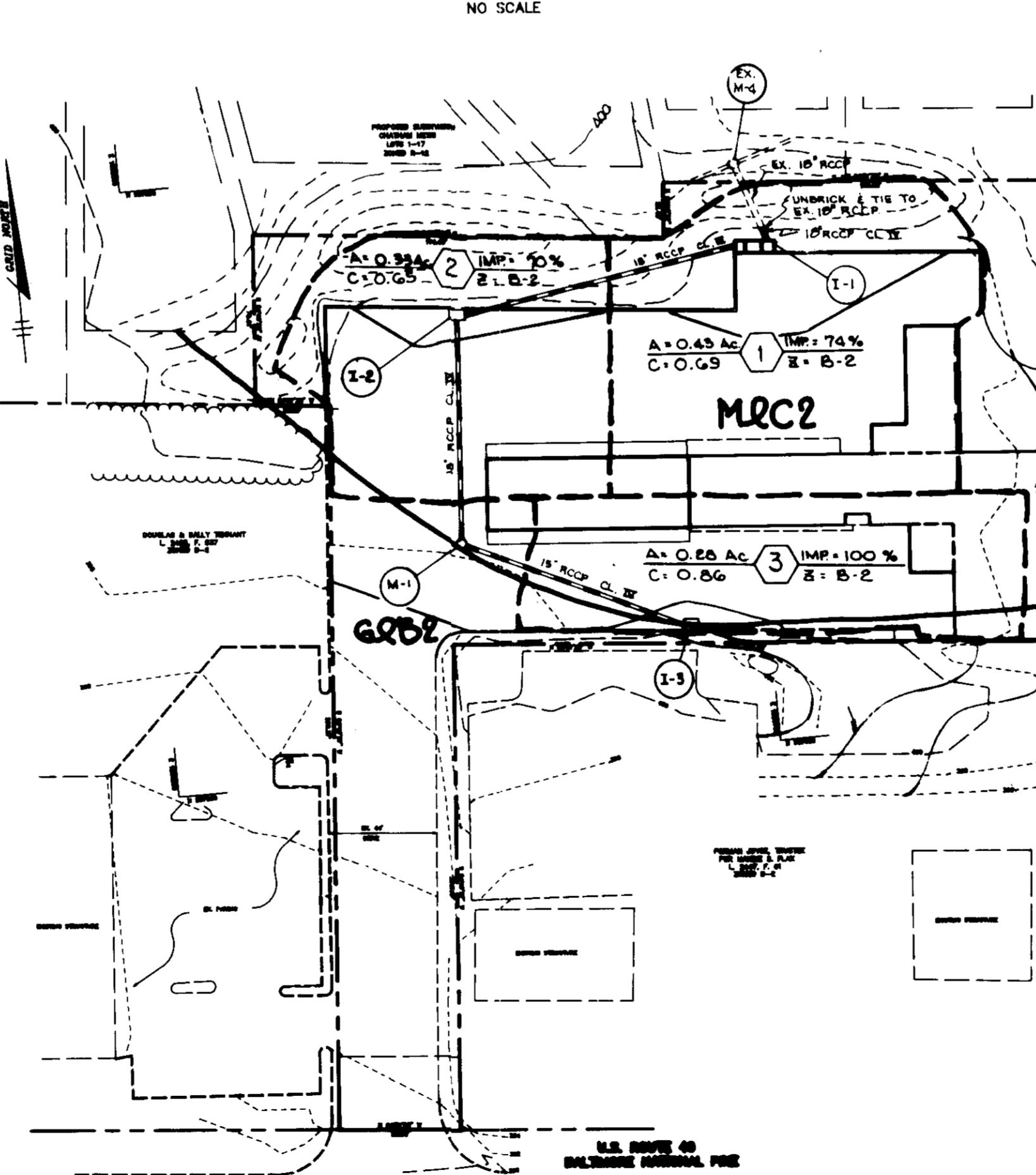
SILT FENCE DETAIL



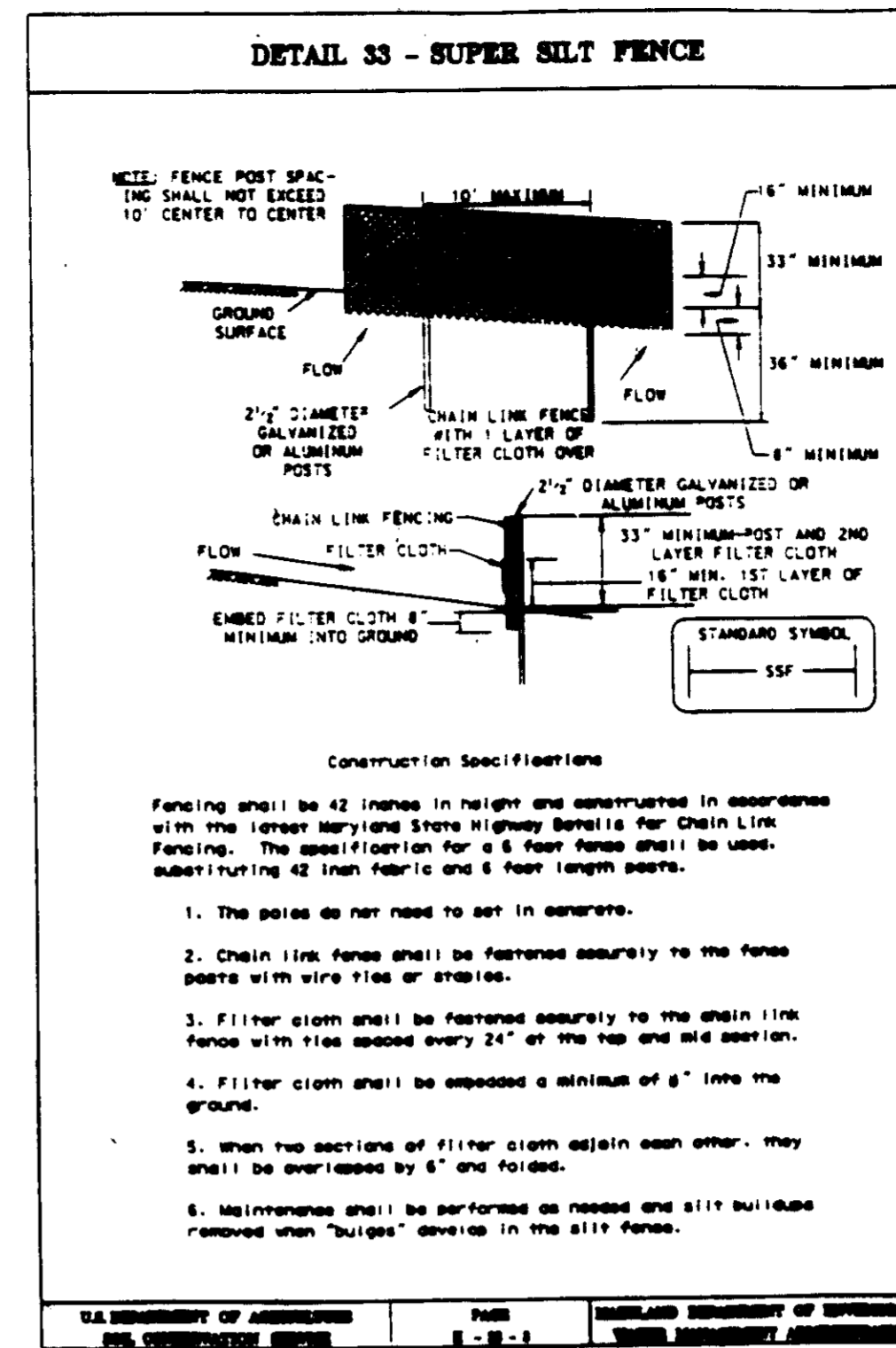
CONSTRUCTION SPECIFICATIONS

- A. MATERIALS: 1. WOODEN FRAME IS TO BE CONSTRUCTED OF 2"x4" CONSTRUCTION GRADE LAMBER... B. PROCEDURE (SEE DRAWING PROTECTION): 1. ATTACH A CONTINUOUS PIECE OF WIRE MESH...

STONE FILTER INLET PROTECTION



DRAINAGE AREA MAP SCALE: 1"=50'



CONSTRUCTION SPECIFICATIONS

Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway Bureau for Chain Link Fencing... 1. The posts do not need to set in concrete...

U.S. DEPARTMENT OF AGRICULTURE... PAUSE... 1-8-2... U.S. DEPARTMENT OF AGRICULTURE

SEQUENCE OF CONSTRUCTION table with 9 items: 1. OBTAIN A GRADING PERMIT, 2. INSTALL SILT FENCE AND SUPER SILT FENCE, etc.

BY THE DEVELOPER: I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN...

BY THE ENGINEER: I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN...

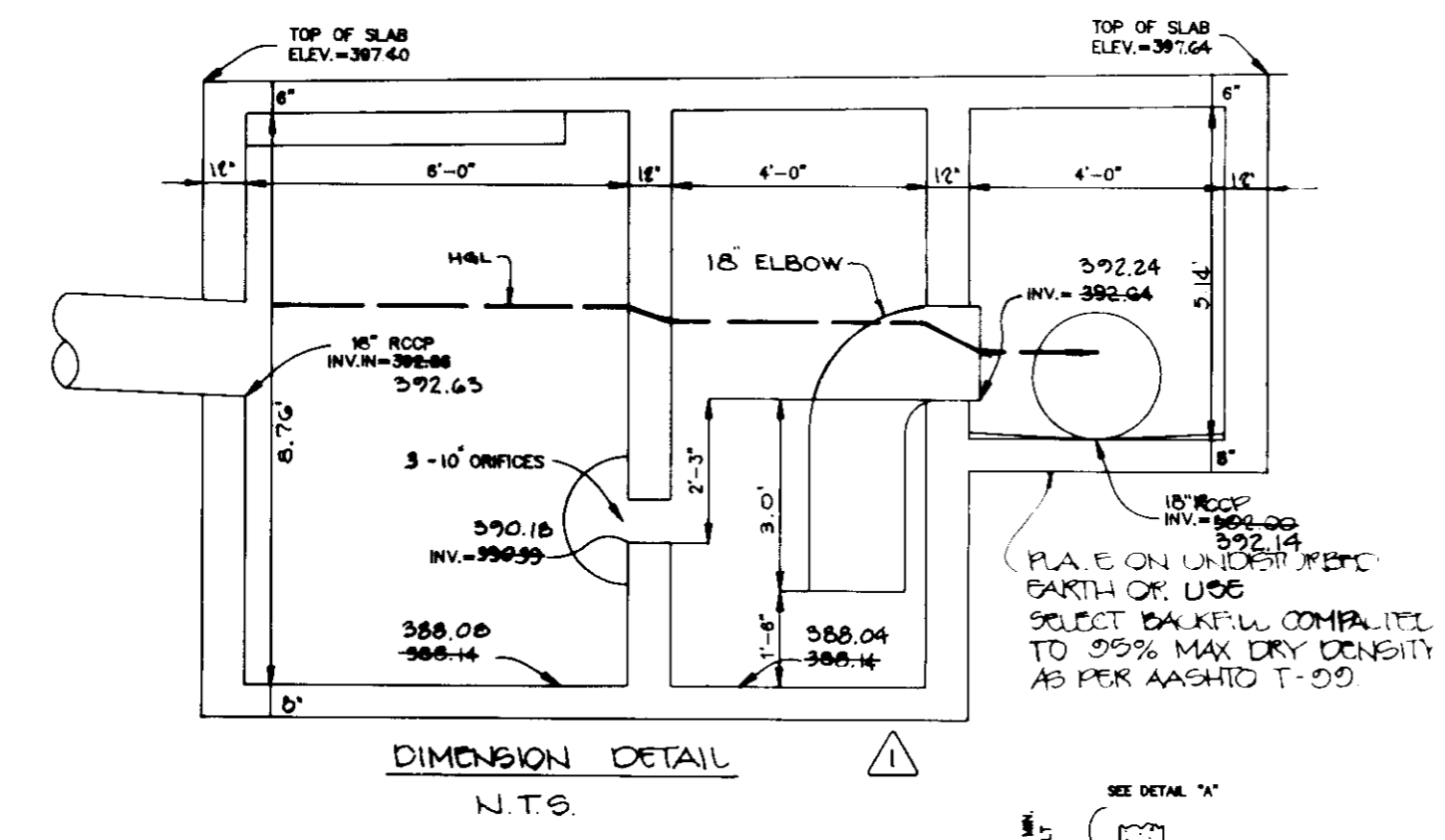
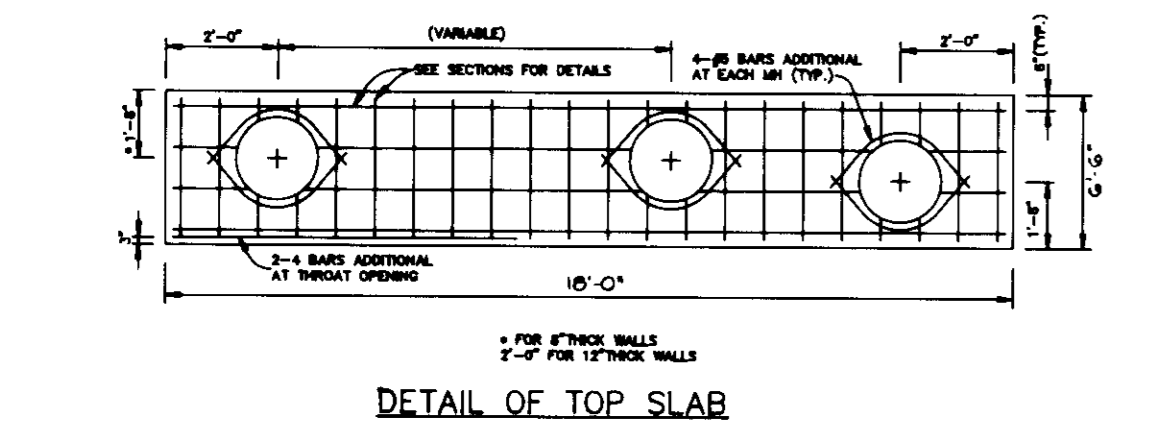
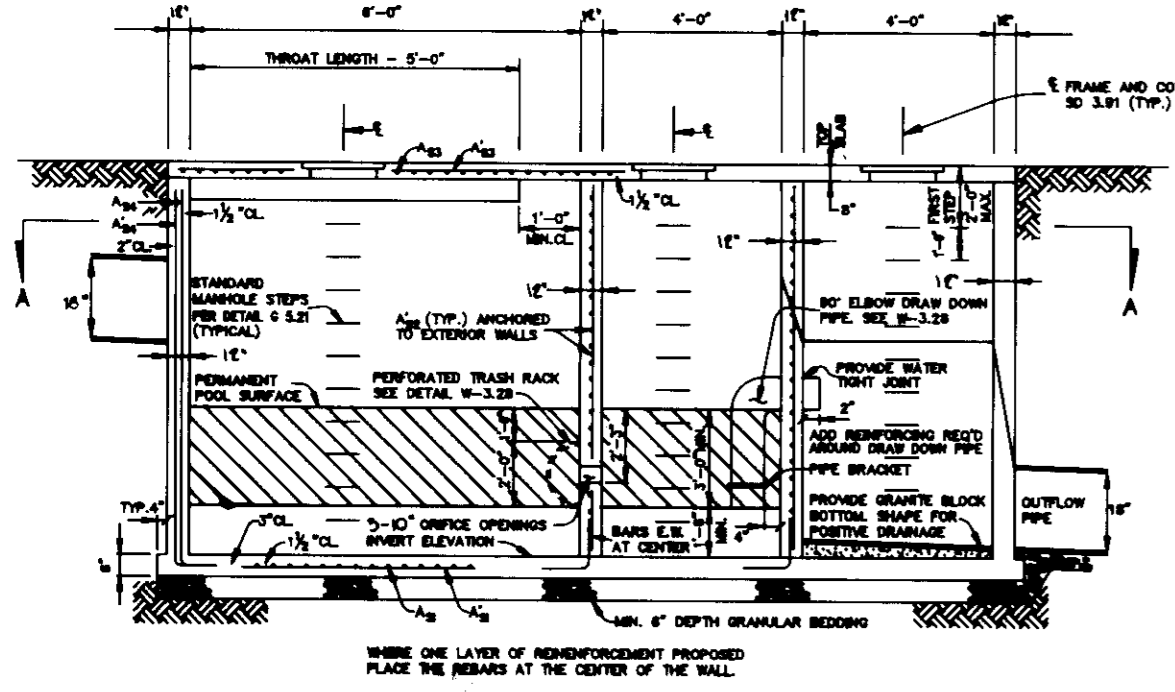
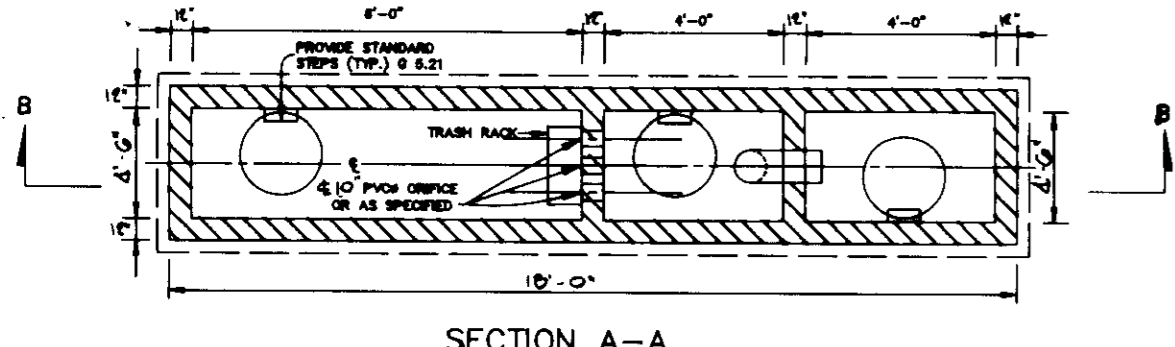
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. Includes signatures of Director, Chief of Land Development and Research, and Chief of Development Engineering Division.

Table with columns: DATE NO., REVISION, OWNER / DEVELOPER (THE LYNCH PARTNERSHIP), PROJECT (DOLLY'S CAR WASH), AREA, TITLE (DRAINAGE AREA MAP).

RIEMER MUEGGE & ASSOCIATES, INC. Planners • Engineers • Surveyors. 8818 Centre Park Drive • Suite 200 • Columbia, Md 21046

Professional Engineer seal for J. Farrell, State of Maryland, License No. 18148. Includes drawing title and number.

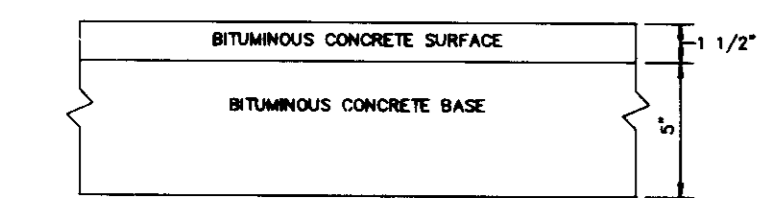
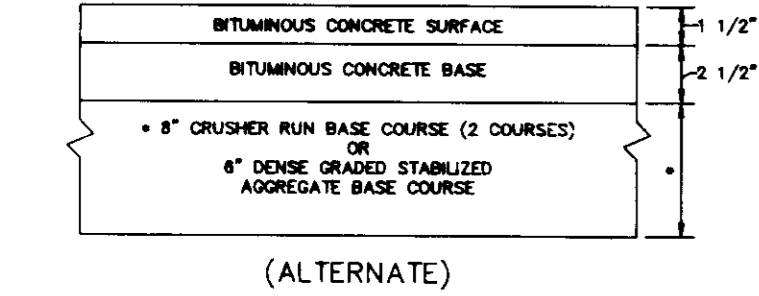
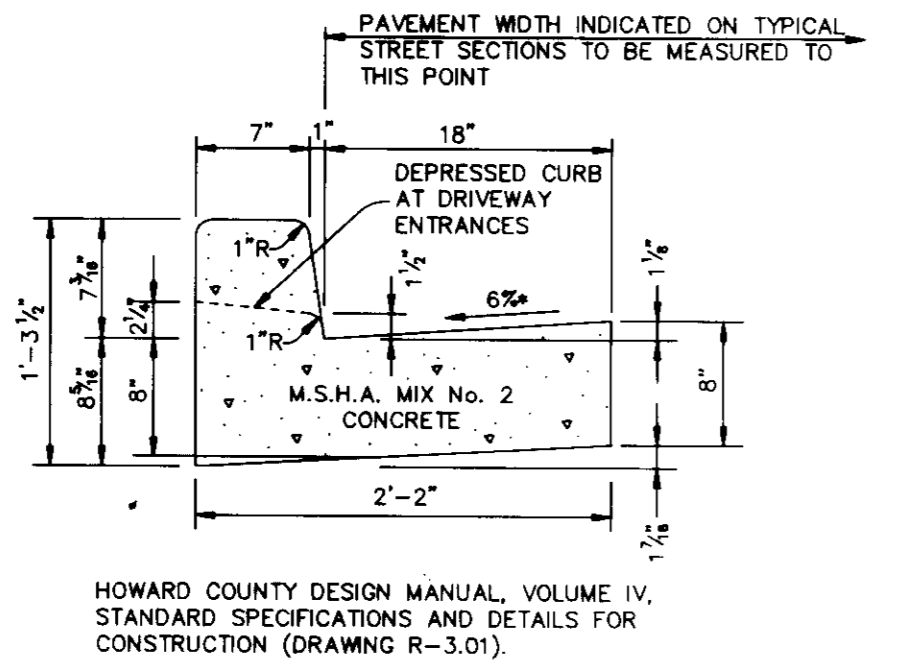


WATER QUALITY STRUCTURE NOTES

- GENERAL AND GENERAL NOTES**
- Use general to phone schedule for the entire structure.
 - Refer to Howard County Department of Public Works for materials and specifications.
 - Use Howard County Standard Details for all details.
 - For details regarding street openings, refer to Howard County Standard Detail SD-4.2.
 - For details regarding manhole openings, refer to Howard County Standard Detail MH-1.
 - The top of all walls shall be finished in accordance with the latest specifications.
 - Refer to Howard County Department of Public Works for materials and specifications.
 - Use Howard County Standard Details for all details.
 - For details regarding street openings, refer to Howard County Standard Detail SD-4.2.
 - For details regarding manhole openings, refer to Howard County Standard Detail MH-1.
 - The top of all walls shall be finished in accordance with the latest specifications.
- MAINTENANCE NOTES**
- Water Quality Structures are subject to periodic cleaning.
 - Owners of these structures shall be responsible for the maintenance and operation of the structure and the level of the facility.
 - The design of the facility and water meter shall be as follows:
 - a. The facility shall be designed to handle the maximum flow rate of the facility.
 - b. The facility shall be designed to handle the maximum flow rate of the facility.
 - c. The facility shall be designed to handle the maximum flow rate of the facility.
 - The facility shall be designed to handle the maximum flow rate of the facility.
- CONSTRUCTION NOTES**
- SI and other details shall not be altered to enter the structure until the structure is approved for construction.
 - All openings to structures shall be protected with the appropriate material until construction is complete.
- REFERENCE NOTES**
- Prior to start of construction on water quality structures, the Howard County Department of Public Works Inspector must be called 48 hours in advance of start of construction at 315-1880.
 - The Howard County Department of Public Works Inspector must be notified (315-1880) at each of the following stages:
 - a. Excavation and foundation work.
 - b. Structure walls below and above ground prior to pouring.
 - c. Prior to top of structure.
 - d. Department of Public Works Inspector must check structure and all details and SI in structure removed.
 - e. When to permanently establish and maintain control measures to protect child care to be removed.

BASE SLAB		PARTITION WALLS		TOP SLAB		OUTER WALLS			
A'S1	A'S1	A'S2	A'S2	A'S3	A'S3	A'S4	A'S4	A'S5	A'S5
#6@6"	#4@12"	#6@6"	#6@6"	#6@6"	#5@6"	#7@7"	#4@12"	#5@6"	#5@6"

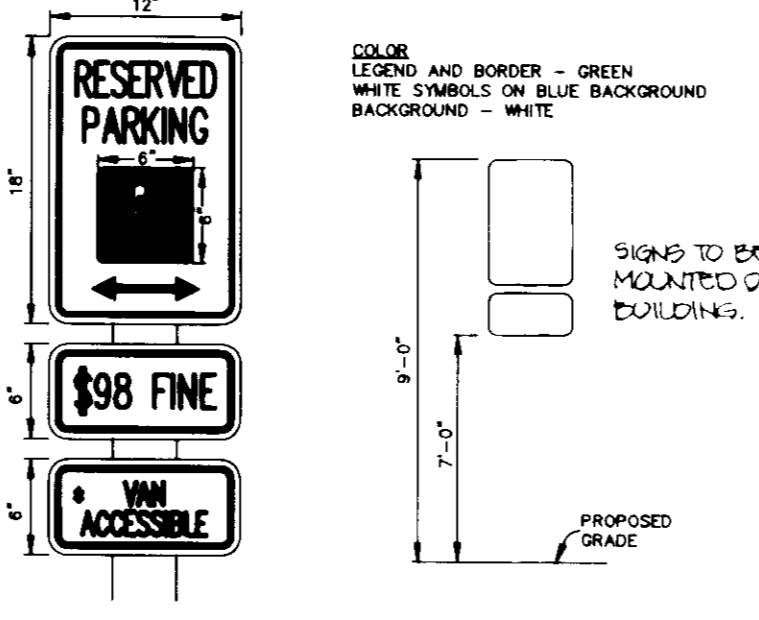
WATER QUALITY INLET I-1 DETAIL
NO SCALE UNLESS OTHERWISE NOTED



HOWARD COUNTY DESIGN MANUAL VOLUME IV - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)

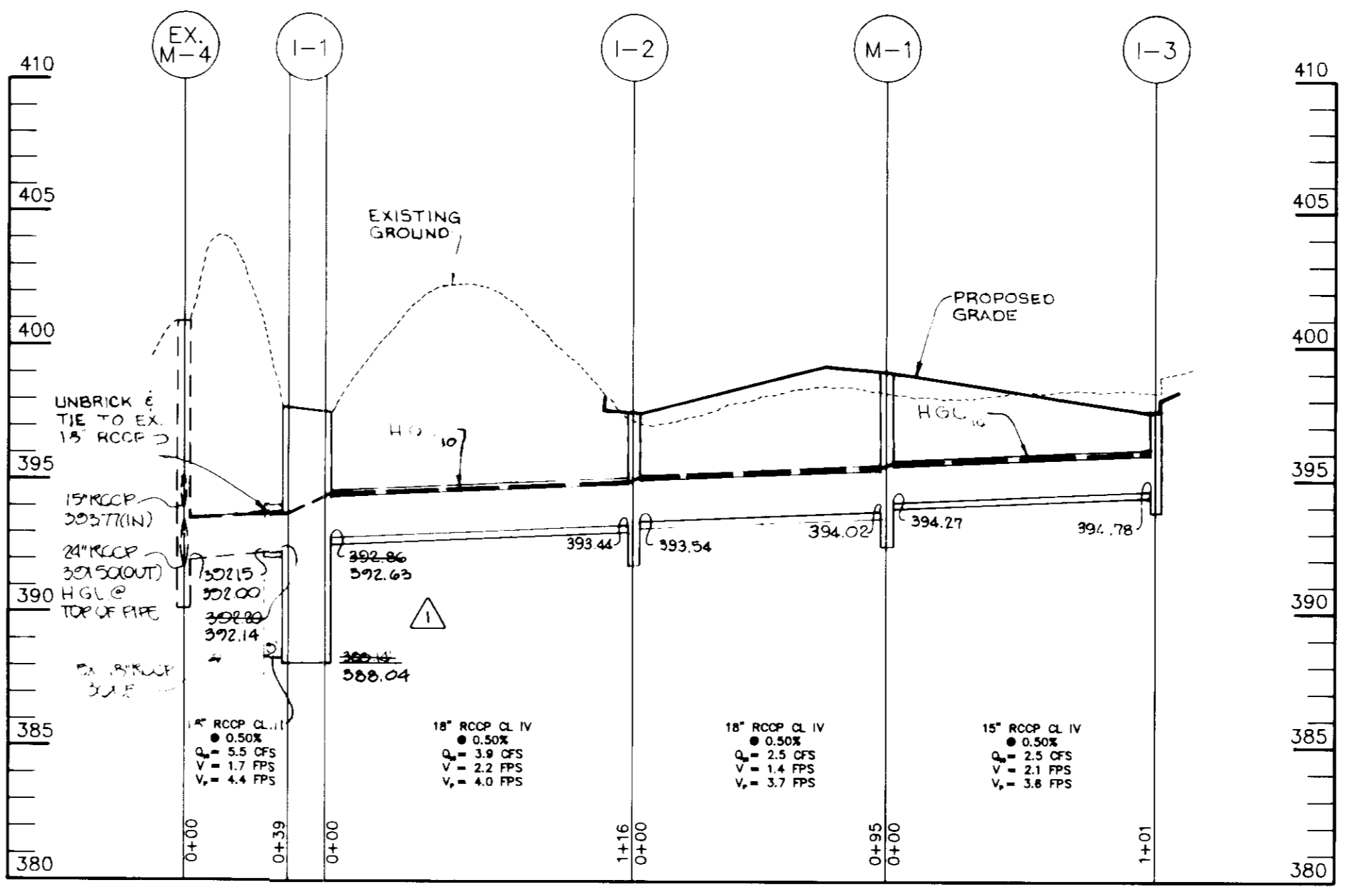
P-2 PAVING
NO SCALE

STANDARD 7" COMBINATION CURB AND GUTTER
NO SCALE

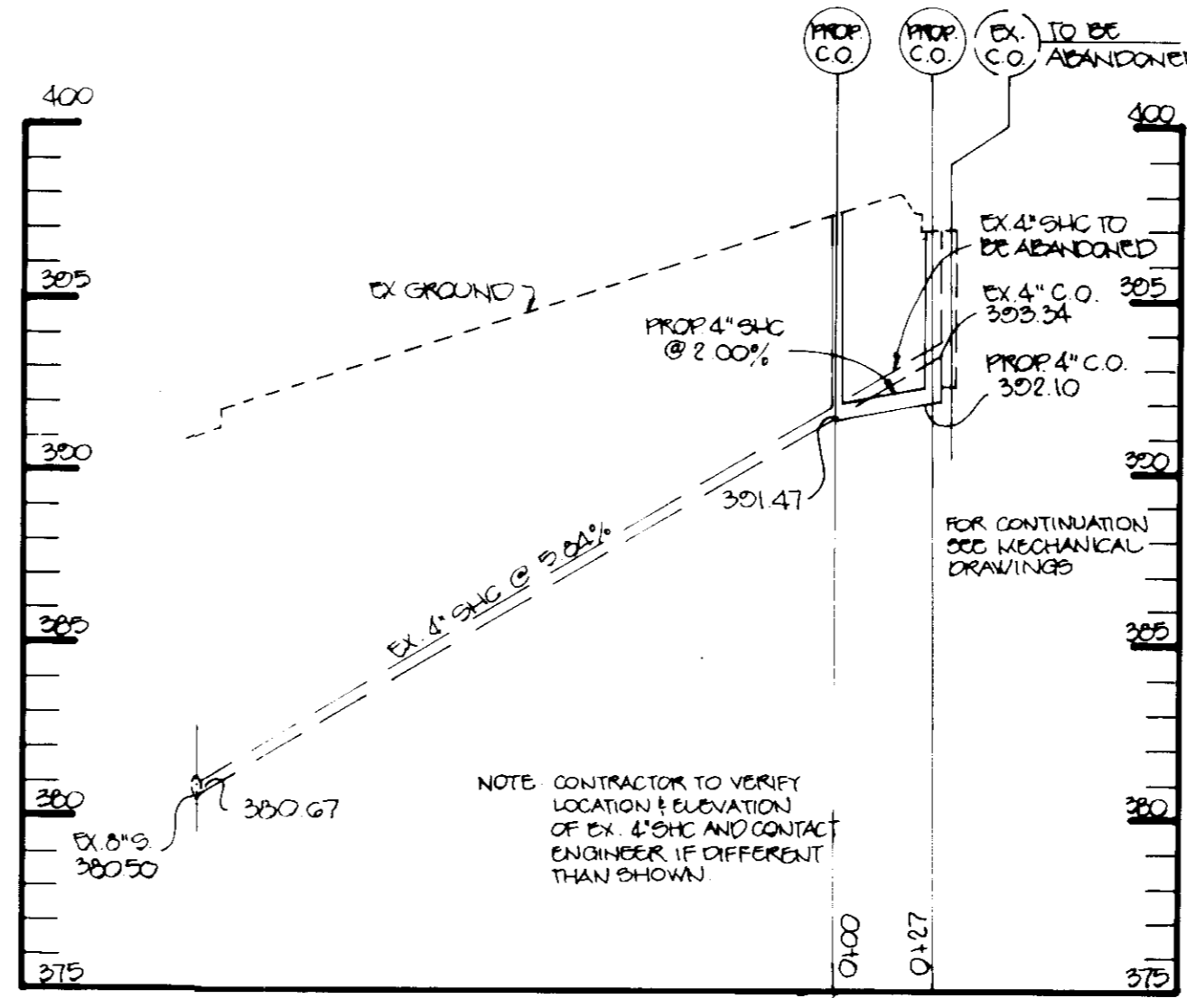


NOTE: DISTANCE FROM GROUND TO BOTTOM OF SIGN TO BE 7".

HANDICAP SIGN DETAIL
NO SCALE

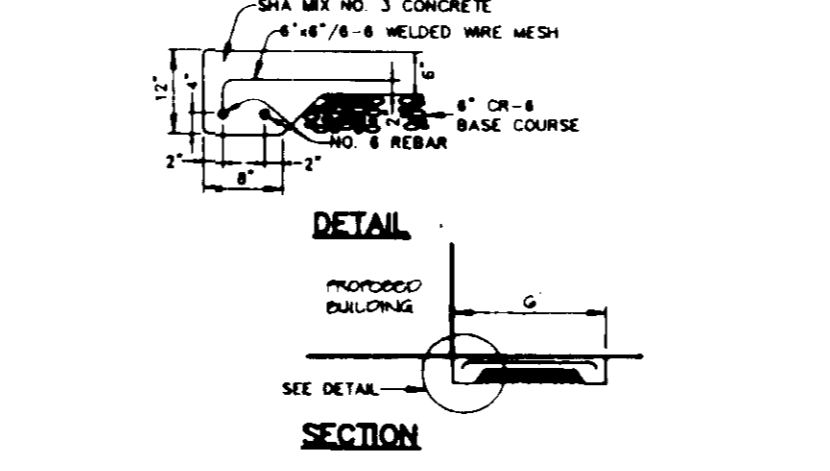


PROFILE
SCALE: HOR.-1"=50', VERT.-1"=5'



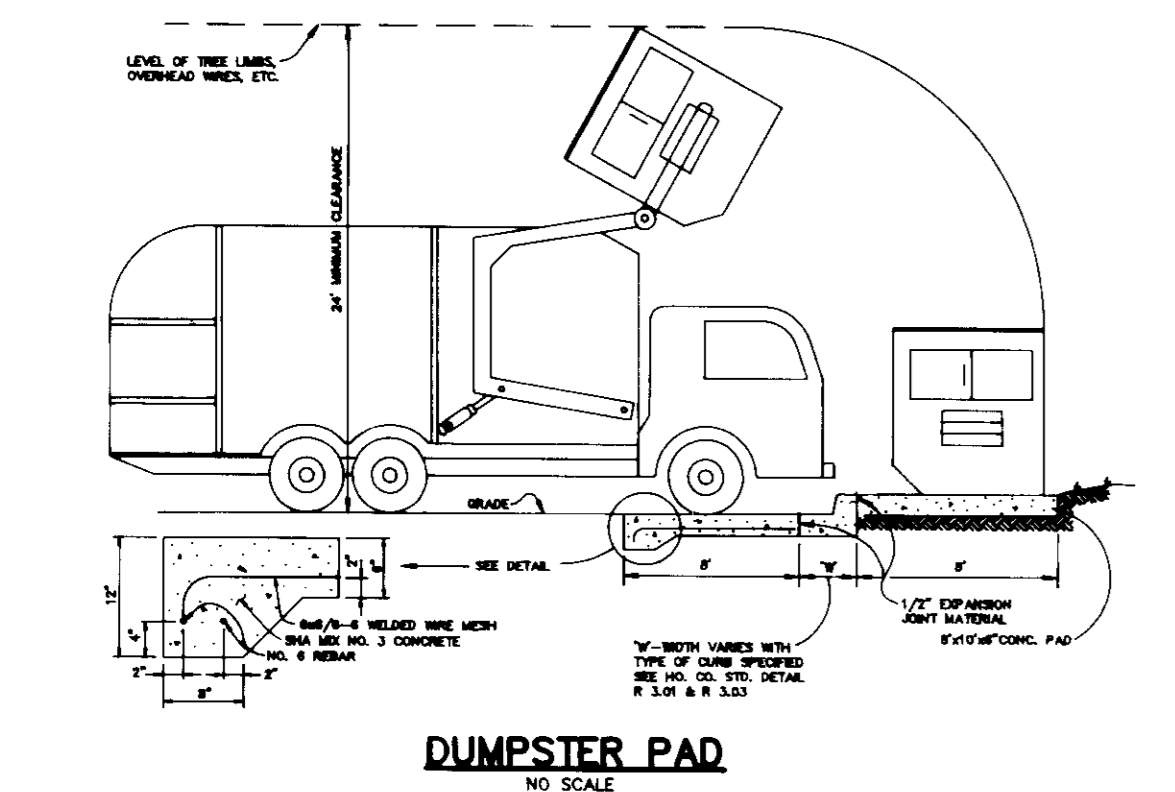
4\"/>

SCALE: HOR.-1"=50', VERT.-1"=5'



CONCRETE APRON DETAIL
NO SCALE

STRUCTURE SCHEDULE						
STRUCTURE NUMBER	TYPE	LOCATION	INVERT	TOP ELEV.	HO. CO. STD. DETAIL	
I-1	WQ INLET	SEE PLAN	392.86	392.20	397.40/397.64	SD 4.42
I-2	WR	SEE PLAN	393.54	393.44	398.10	SD 4.35
I-3	WR	SEE PLAN	-	394.78	398.20	SD 4.35
M-1	MH	SEE PLAN	394.27	394.02	395.10	G 5.11



DUMPSTER PAD
NO SCALE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James H. ... 9/28/95
DIRECTOR DATE

John Stumm... 9/28/95
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

John Stumm... 9/18/95
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

9/15/96 STRUCTURE I-1 INVERTS

DATE NO. REVISION

OWNER / DEVELOPER
THE LYNCH PARTNERSHIP
c/o MIKE LYNCH
9430 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042

PROJECT
DOLLY'S CAR WASH

AREA
TAX MAP 24 ZONED B-2
LYNCH PROPERTY, PARCEL A
2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE
PROFILES AND DETAILS

RIEMER MUEGGE & ASSOCIATES, INC.
Planners • Engineers • Surveyors
8818 Centre Park Drive Suite 200 Columbia, Maryland 21045
410-997-8900 FAX: 410-997-8282

B.30.95
DATE

F-94-84.2E 09/11/95
DESIGNED BY: J.C.O./JTD
DRAWN BY: J.C.O.
PROJECT NO.: 50013
DATE: AUG. 30, 1995
SCALE: AS SHOWN
DRAWING NO. 6 OF 6

J. ...
JAYKANT D. PAREKH #19148