

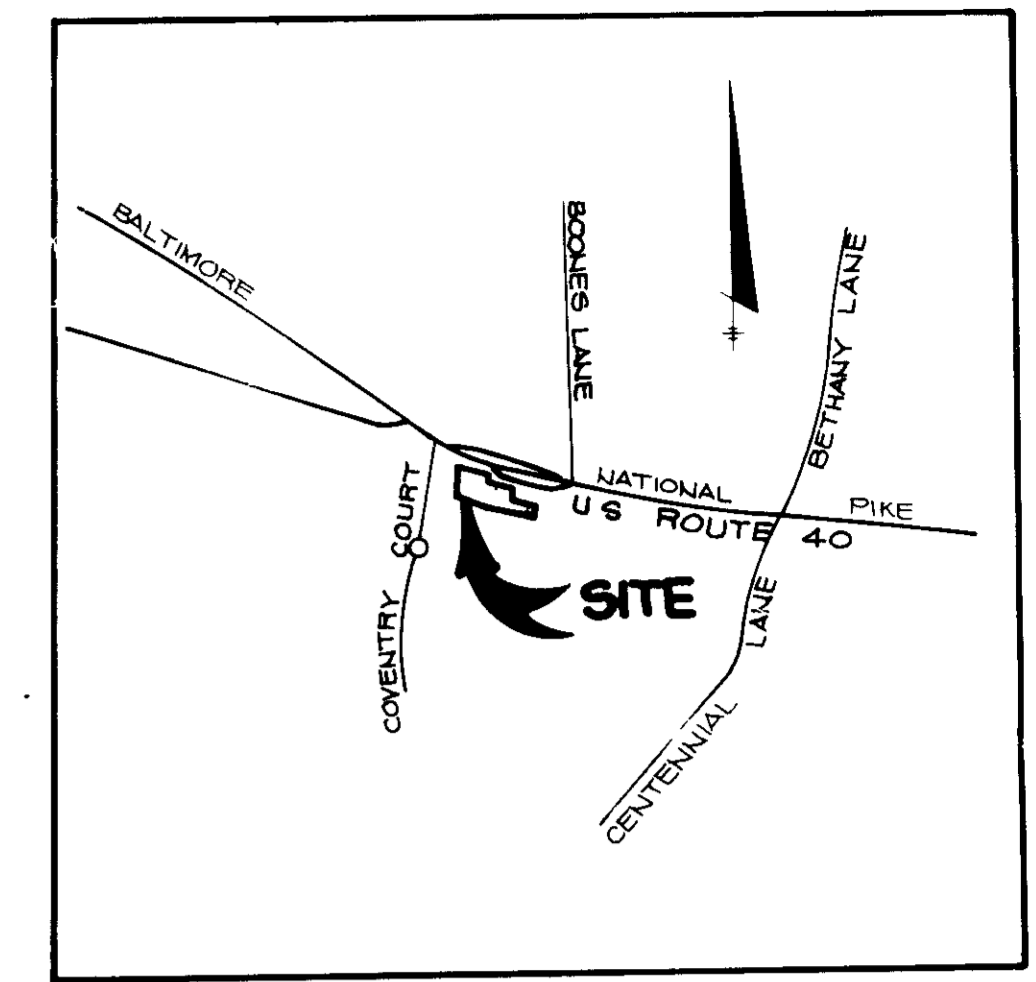
SHEET INDEX	
NO	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	SITE DEVELOPMENT PLAN
4	DRAINAGE AREA AND SOILS MAP
5	DRAINAGE AREA AND SOILS MAP
6	DETAILS AND PROFILES
7	SEDIMENT CONTROL PLAN
8	SEDIMENT CONTROL PLAN
9	SWM PROFILES AND DETAILS
10	PLANTING PLAN

SITE DEVELOPMENT PLAN

CLARK'S DO-IT CENTER

2ND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

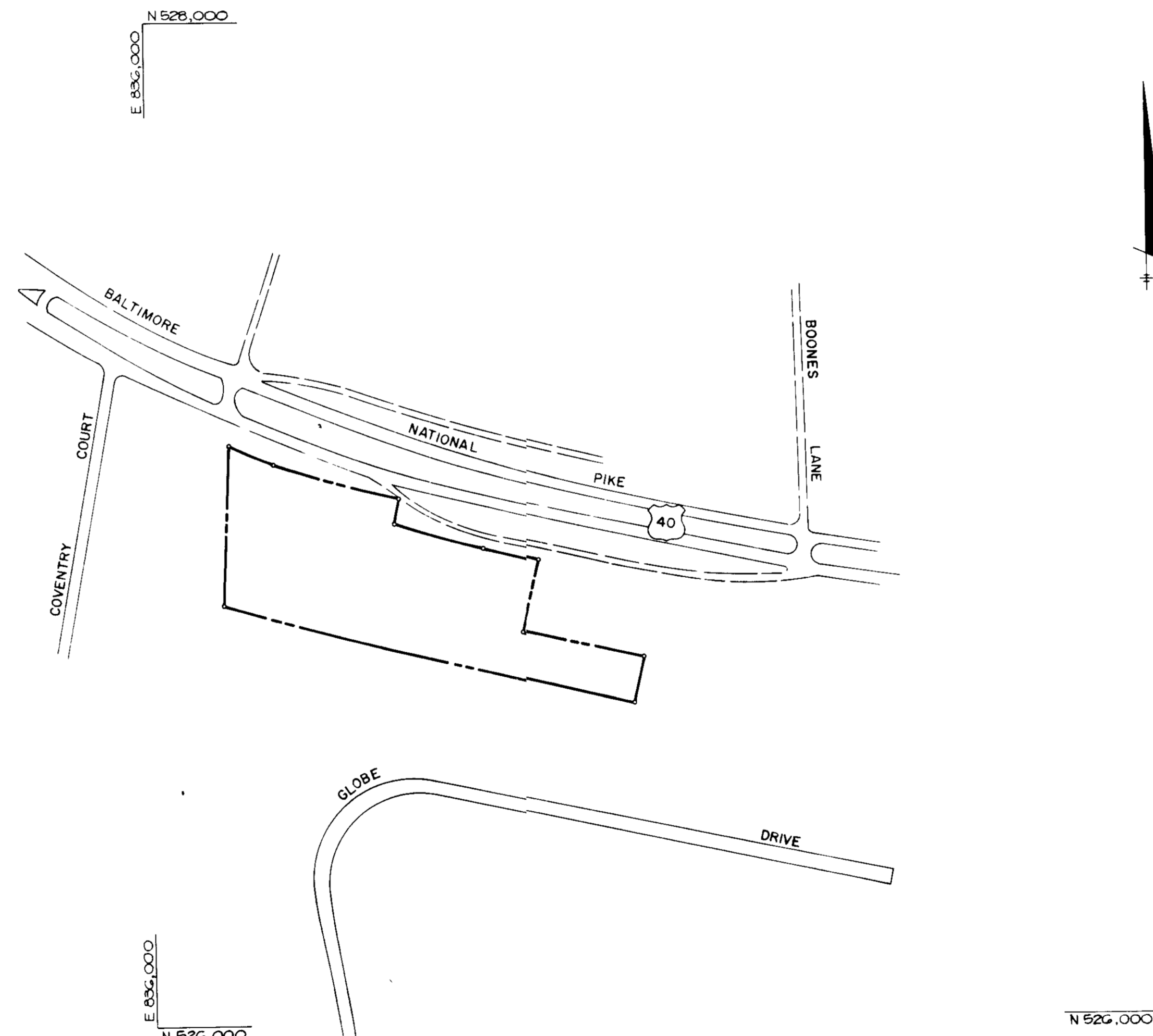


VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES

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

MISS UTILITY	1-800-257-7777
C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS & ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
- TOPO TAKEN FROM FIELD RUN SURVEY DATED JUNE 1988 BY THE REEMER GROUP, INC.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL C2 01 (TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS) IN VOL IV OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN, WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM IF THIS WASTE IS REGULATED UNDER SECTION 18.122A OF THE HOWARD COUNTY CODE. EACH SEPARATE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WASTE PRETREATMENT DEVICES AS REQUIRED AND APPROVED BY HOWARD COUNTY. WASTE LINES ON THE INTERIOR OF THE BUILDING SHALL BE DESIGNED, CONSTRUCTED OR MODIFIED SUCH THAT NON-DOMESTIC WASTE WILL BE DISCHARGED TO THE SEPARATE AND INDEPENDENT SEWER CONNECTION. NO TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEPARATE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS OR TENANTS.
- WF-89-106 - PETITION BY OWNER TO GRANT WAIVER TO ALLOW DIRECT ACCESS TO U.S. RTE 40, AN INTERMEDIATE ARTERIAL. THE WAIVER WAS APPROVED ON JUNE 10, 1989.



SITE ANALYSIS

TOTAL AREA THIS SUBMISSION	4.51 AC (196,455 SQ FT)	PARKING REQUIRED	
EXISTING ZONING	B-1	NUMBER OF OFFICE EMPLOYEES (6)	5 SPACES
PROPOSED USE	HOME IMPROVEMENT CENTER/STORAGE/OFFICES	7 SPACES/10 EMPLOYEES	
BUILDING COVERAGE PROPOSED	39,484.73 SQ FT (20%)	RETAIL SPACE (28,144.40 SQ FT)	141 SPACES
BUILDING COVERAGE PERMITTED	98,277.30 SQ FT (50%)	1 SPACE/200 SQ FT FLOOR AREA	
BUILDING USAGE ANALYSIS		STORAGE SPACE (13,340.33 SQ FT)	27 SPACES
MAIN LEVEL	21,644.40 SQ FT	1 SPACE/500 SQ FT	173 SPACES
RETAIL	11,840.33 SQ FT	TOTAL PARKING REQUIRED	177 SPACES
STORAGE	2,060 SQ FT	PARKING PROVIDED (INCLUDES HANDICAPPED)	6 SPACES
UPPER LEVEL OFFICES	2,060 SQ FT	HANDICAPPED PARKING REQUIRED	6 SPACES
LUMBER DISPLAY / 6' WIDE ENCLOSED STRUCTURE	1,500 SQ FT	HANDICAPPED PARKING PROVIDED	39,291 SQ FT
	1,300 SQ FT	OPEN SPACE REQUIRED (20%)	70,672 SQ FT (INCL 25,100 SQ SWM AREA)
		OPEN SPACE PROVIDED	78,535 SQ FT
		TOTAL PARKING AREA	3927 SQ FT
		LANDSCAPED ISLANDS REQUIRED (5%)	6148 SQ FT
		LANDSCAPED ISLANDS PROVIDED (7.8%)	

PLAN
SCALE 1" = 200'

ADDRESS CHART					
LOT NUMBER	STREET ADDRESS				
PARCEL B	10525 BALTIMORE NATIONAL PIKE				
SUBDIVISION NAME	CLARK'S DO-IT CENTER	SECT / AREA	15-1	LOT/PARCEL #	
PLAT # OR L/F	8614	BLOCK #	1	TAX/ZONE MAP	24
WATER CODE		ZONE	B-1	ELEC DIST	2nd
				CENSUS TR	6022
				SEWER CODE	

APPROVED
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 11-30-89
S.A.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 11-28-89

APPROVED HOWARD COUNTY DEPT OF PLANNING AND ZONING
DATE: 12/22/89

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 11/22/89

DATE NO REVISION

OWNER DEVELOPER:
ALTON A. CLARK
9150-T BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21043

PROJECT:
CLARK'S DO-IT CENTER

AREA TAX MAP NO. 14 2460B-1 PARCELS B-1
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE:
TITLE SHEET

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

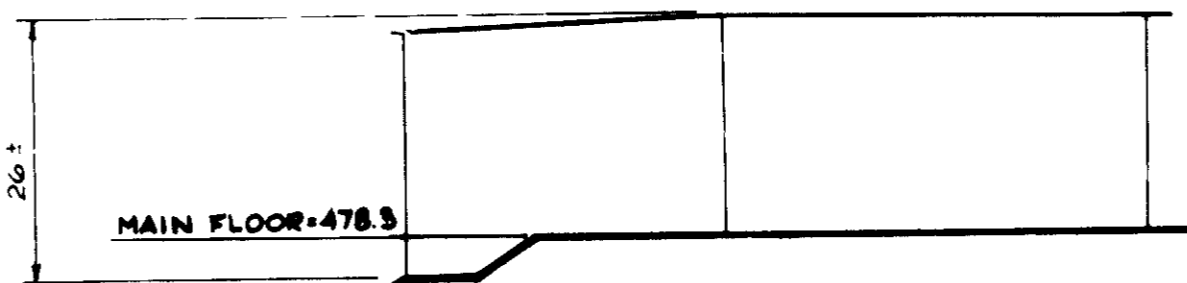
DATE: 11-3-89
COUNTY FILE NO. WF-89-106

DESIGNED BY J.J.B.
DRAWN BY R.A.W.
PROJECT NO. 52702
DATE NOV 1, 1989
SCALE AS SHOWN
DRAWING NO. 1 OF 10

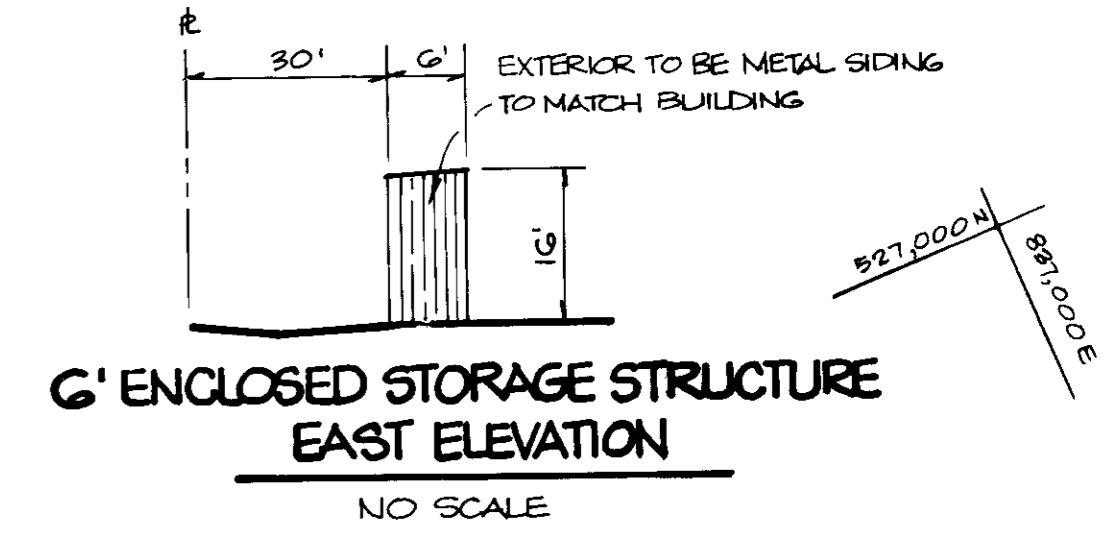
ARTHUR E. MUEGGE 1987

U.S. ROUTE 40
 (MD SR. PLATS No 8108, 8109, 10987 & 10988)
 INTERMEDIATE ARTERIAL
 R/W WIDTH VARIES

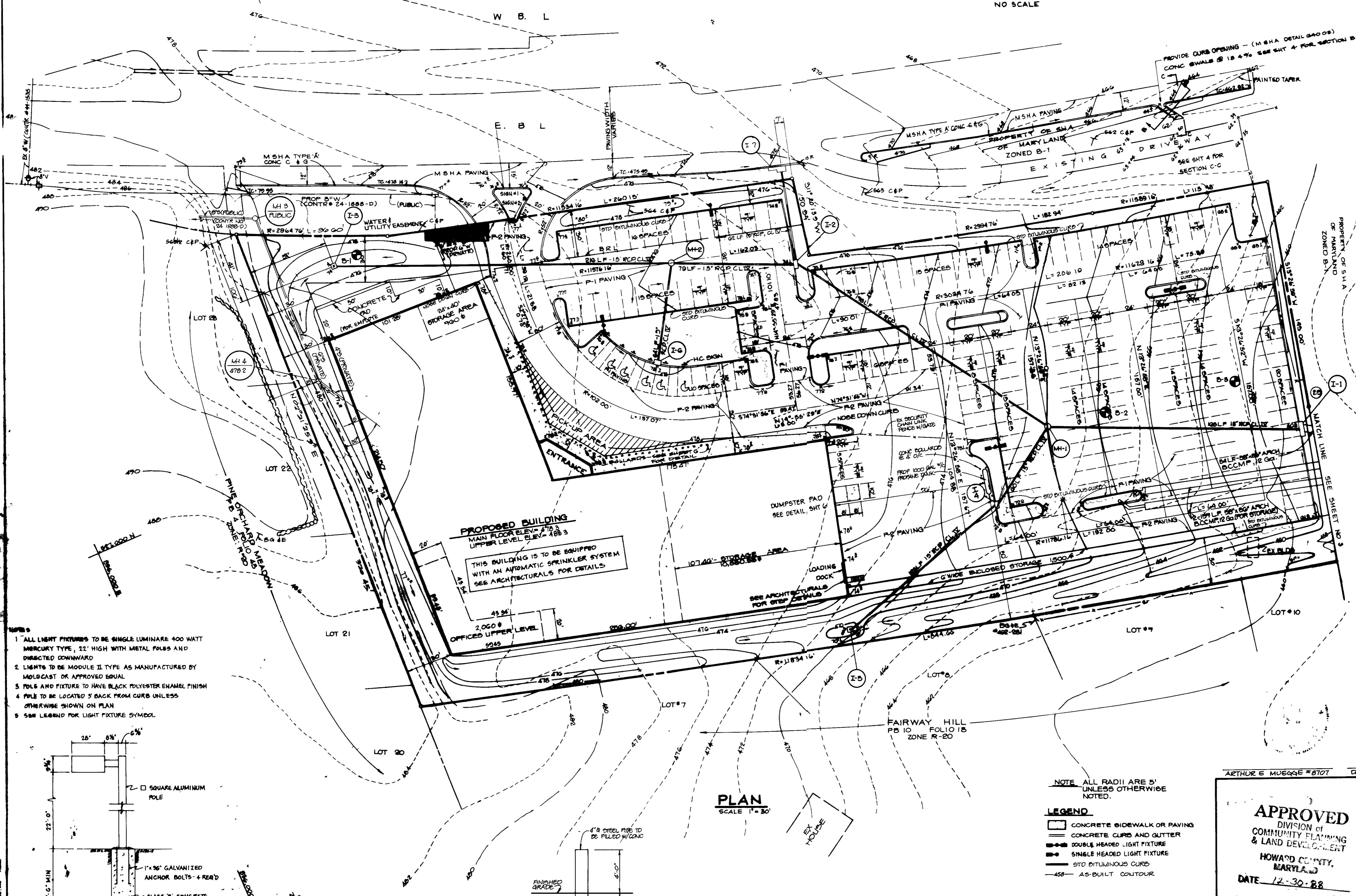
ENTRANCE ISLAND SIGNS
 #1 RIGHT TURN ONLY
 #2 KEEP RIGHT (TYPE R4-7)



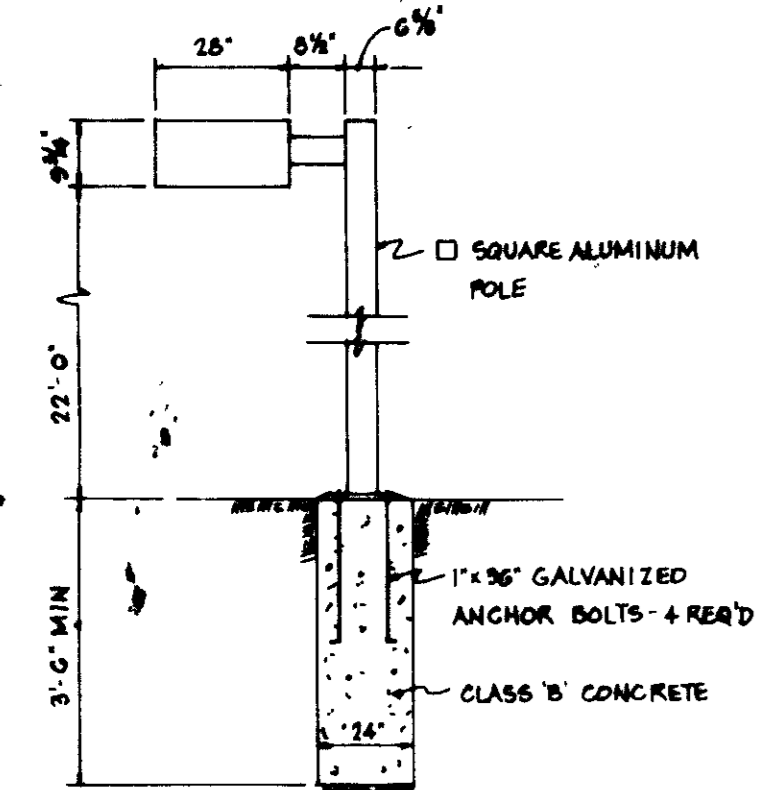
BUILDING ELEVATION-EAST SIDE
 NO SCALE



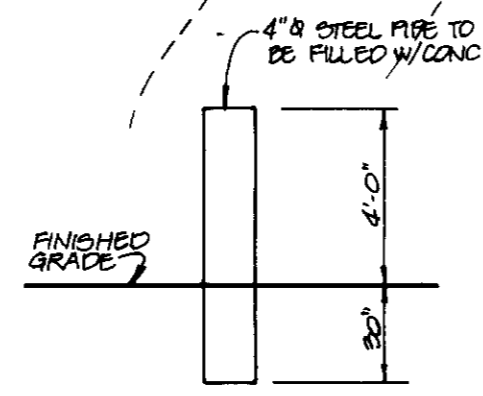
G' ENCLOSED STORAGE STRUCTURE EAST ELEVATION
 NO SCALE



- NOTES**
- 1 ALL LIGHT FIXTURES TO BE SINGLE LUMINAIRE 400 WATT MERCURY TYPE, 22' HIGH WITH METAL POLES AND DIRECTED DOWNWARD
 - 2 LIGHTS TO BE MODULE II TYPE AS MANUFACTURED BY MOLDCAST OR APPROVED EQUAL
 - 3 POLES AND FIXTURE TO HAVE BLACK POLYESTER ENAMEL FINISH
 - 4 POLE TO BE LOCATED 5' BACK FROM CURB UNLESS OTHERWISE SHOWN ON PLAN
 - 5 SEE LEGEND FOR LIGHT FIXTURE SYMBOL



LIGHT DETAIL
 NO SCALE



BOLLARD DETAIL
 NO SCALE

PLAN
 SCALE 1" = 30'

NOTE ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

- LEGEND**
- CONCRETE SIDEWALK OR PAVING
 - CONCRETE CURB AND GUTTER
 - DOUBLE HEADED LIGHT FIXTURE
 - SINGLE HEADED LIGHT FIXTURE
 - STD BITUMINOUS CURB
 - AS-BUILT OUTLINE

NOTE ALL LIGHTING SHALL BE DIRECTED/ REFLECTED AWAY FROM RESIDENTIAL DISTRICTS AND PUBLIC STREET RIGHT OF WAYS

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

J. B. Blyler 11-25-87
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT OF PLANNING AND ZONING.

James B. Blyler 12/22/87
Mark J. Blyler 12/22/87
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT J.B. DATE

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

James B. Blyler 11/22/87
 DIRECTOR DATE

4-8-84 2 ADDED BY FENCE, PROGRAM TANK, BOLLARDS & BOLLARD DETAIL
 4-9-84 1 RELOCATED DRIVEWAY LINE, ADDED SIDEWALK SYSTEM 1-7 TO 1-8, CHANGED STR. CL. TO BIT. CURB AS SHOWN

OWNER/DEVELOPER
 ALTON A. CLARK
 9150-7 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21045

PROJECT
CLARK'S DO-IT CENTER
 AREA TAX MAP NO 24 ZONE B-1 PARCEL B-1
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

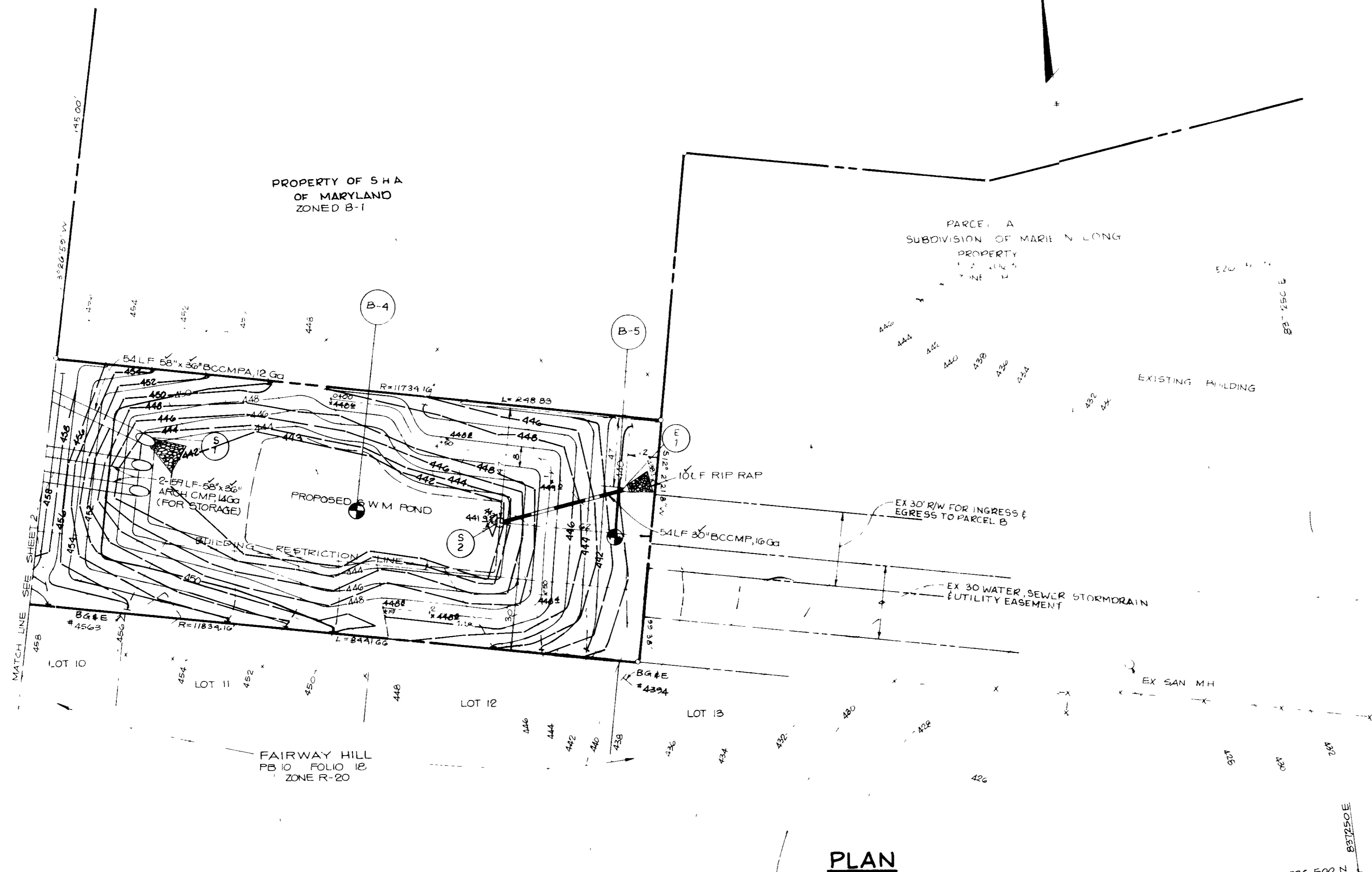
TITLE
SITE DEVELOPMENT PLAN

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

11-3-87 DATE
 COUNTY FILE NO. WP-89-100

DESIGNED BY J.J.B.
 DRAWN BY J.C.R.
 PROJECT NO 52702
 DATE NOV 1, 1988
 SCALE AS SHOWN
 DRAWING NO. 1 OF 10
 AS-BUILT

APPROVED
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 12-30-88
 J.B.



PLAN
SCALE 1" = 30'

LEGEND
--- 445 --- AS-BUILT CONTOUR

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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

Alton A. Clark 11-3-89
DEVELOPER 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."

Arthur E. Muegge 11-3-89
ENGINEER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Joseph W. Bodewig 11-25-89
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING AND ZONING

Joseph A. Heath 12/22/89
DIRECTOR DATE

Frank J. Tangle 12/21/89
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION J.B. DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS AND PUBLIC UTILITIES
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Smith 11/22/89
DIRECTOR DATE

James E. Kelly 11-21-89
CHIEF BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
4-0-91	1	REMOVED SEWER LINE

OWNER/DEVELOPER
ALTON A. CLARK
9150-7 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MD 21043

PROJECT
CLARK'S DO-IT CENTER

AREA TAX MAP No 24 ZONED B-1 PARCEL B-1
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
SITE DEVELOPMENT PLAN

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

11-3-89 DATE	COUNTY FILE NO WP-89-106
DESIGNED BY JJB	
DRAWN BY DBS	
PROJECT NO 82702	
DATE Nov 1, 1989	
SCALE AS SHOWN	
DRAWING NO 3 OF 10	

Arthur E. Muegge 12-30-89
ARTHUR E. MUEGGE #0301 DATE

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE 12-30-89

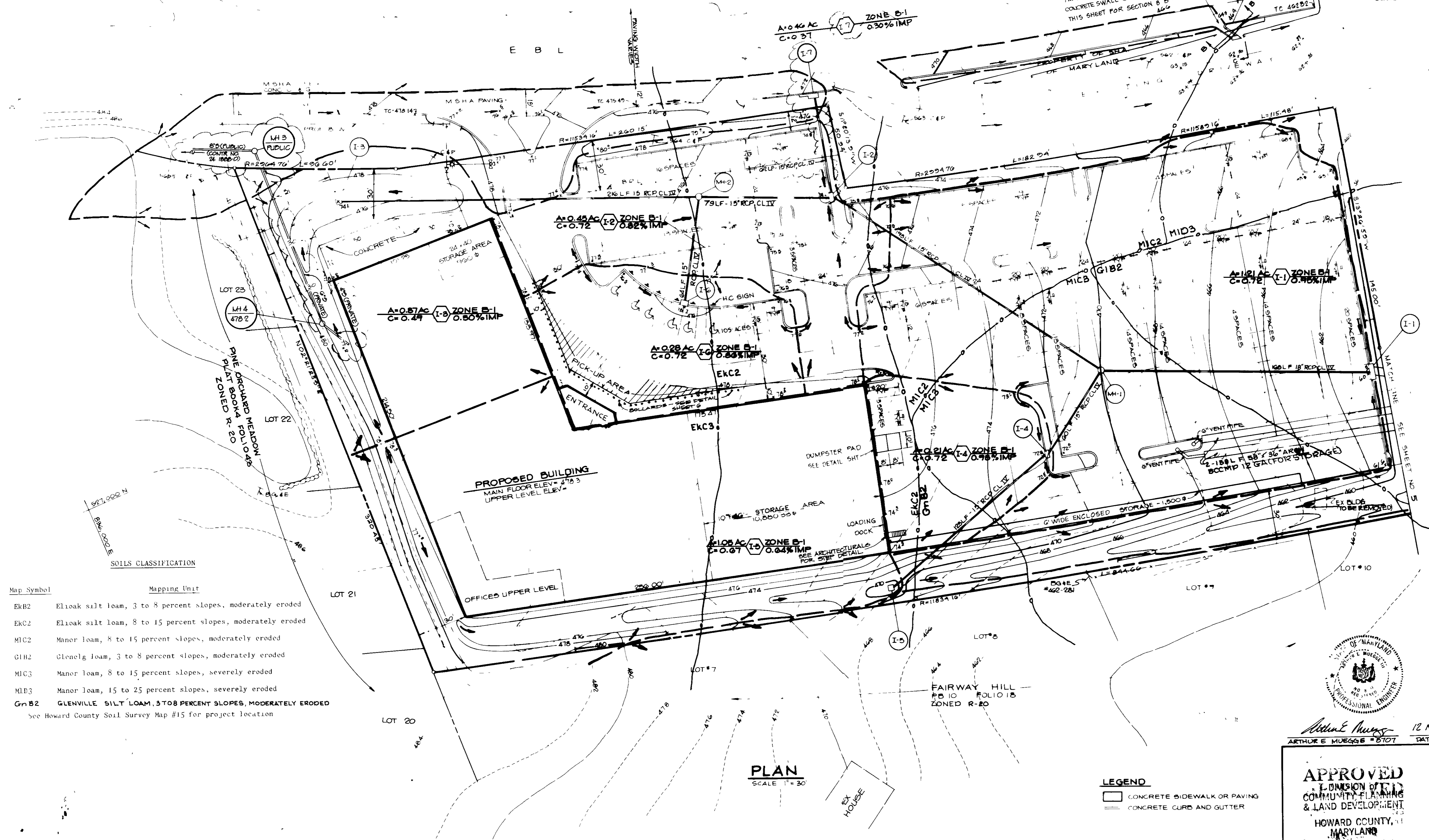


U.S. ROUTE 40
 MD SEC PLATS No 8105, 8106, 10281 & 10288
 INTERMEDIATE ARTERIAL
 R/W WIDTH VARIES

SECTION B-B
 NO SCALE

OFF SITE DRAINAGE AREA MAP
 SCALE 1"=200'

SECTION C-C
 SCALE HORIZ 1"=10'
 VERT 1"=1'



Map Symbol Mapping Unit

EkB2	Elioak silt loam, 3 to 8 percent slopes, moderately eroded
EkC2	Elioak silt loam, 8 to 15 percent slopes, moderately eroded
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded
GIH2	Glencly loam, 3 to 8 percent slopes, moderately eroded
MIC3	Manor loam, 8 to 15 percent slopes, severely eroded
MID3	Manor loam, 15 to 25 percent slopes, severely eroded
GnB2	GLENNVILLE SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED

See Howard County Soil Survey Map #15 for project location

PROF GR
 R-0.10
 P-4.91
 A-0.480
 S-1.026
 V-1.066
 Q-0.000

1"=0.21
 0"=0.03
 V-1.066
 D-0.20'
 Q-0.000

APPROVED	11-28-89
APPROVED	12/22/89
APPROVED	12/1/89
APPROVED	11/22/89

4 0 0 1	RELOCATED DRAINAGE LINE, ADD DRAINAGE SYSTEM I7-I2
DATE NO	REVISION

OWNER DEVELOPER
CLARK'S DO-IT CENTER
 ALTON A CLARK
 9150-7 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD 21043

PROJECT
CLARK'S DO-IT CENTER
 AREA TAX MAP No 24 ZONE B-1 PARCEL 8-1
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

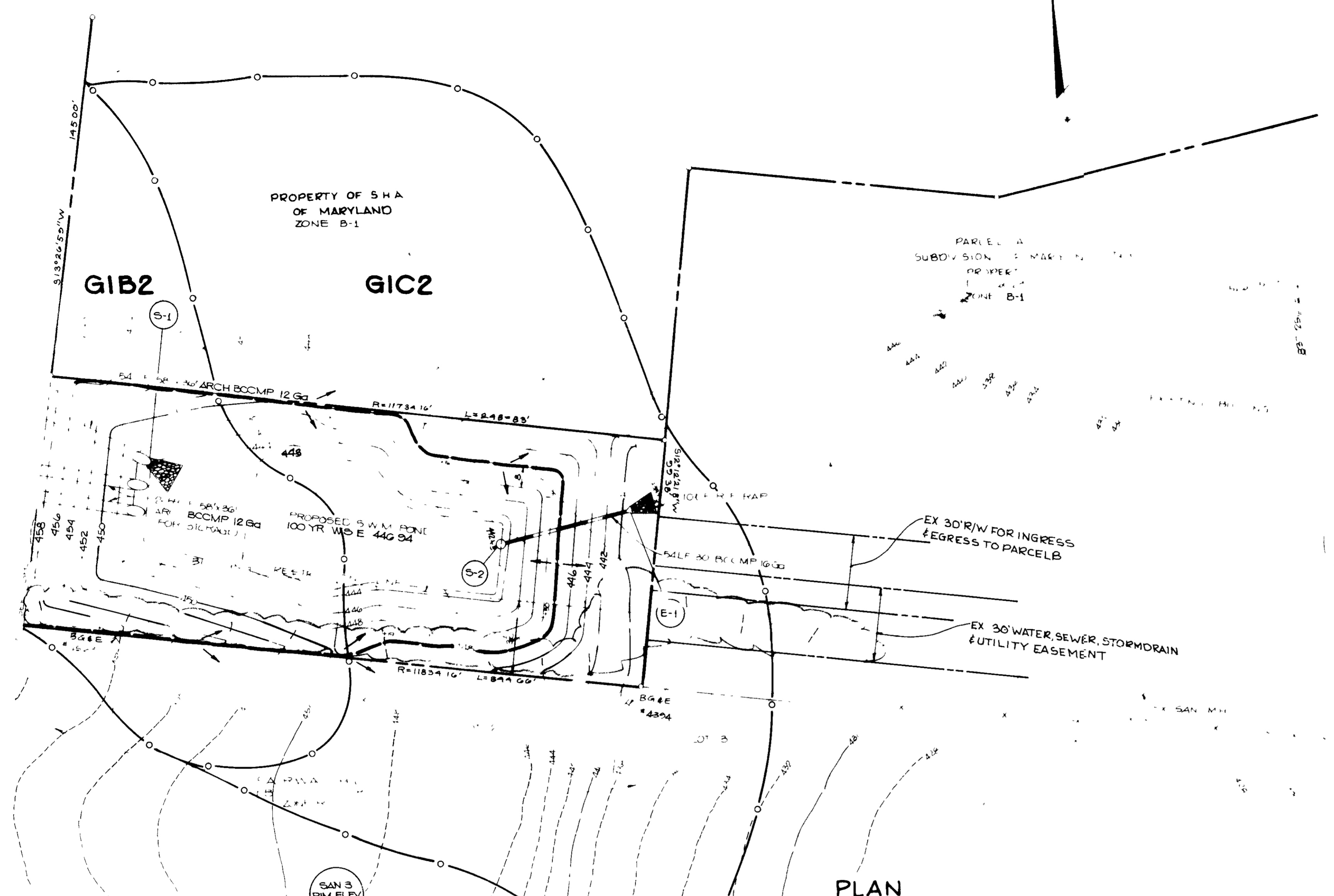
TITLE
DRAINAGE AREA AND SOILS MAP

APPROVED
 COMMUNITY PLANNING & LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 12-30-88
 J.B.

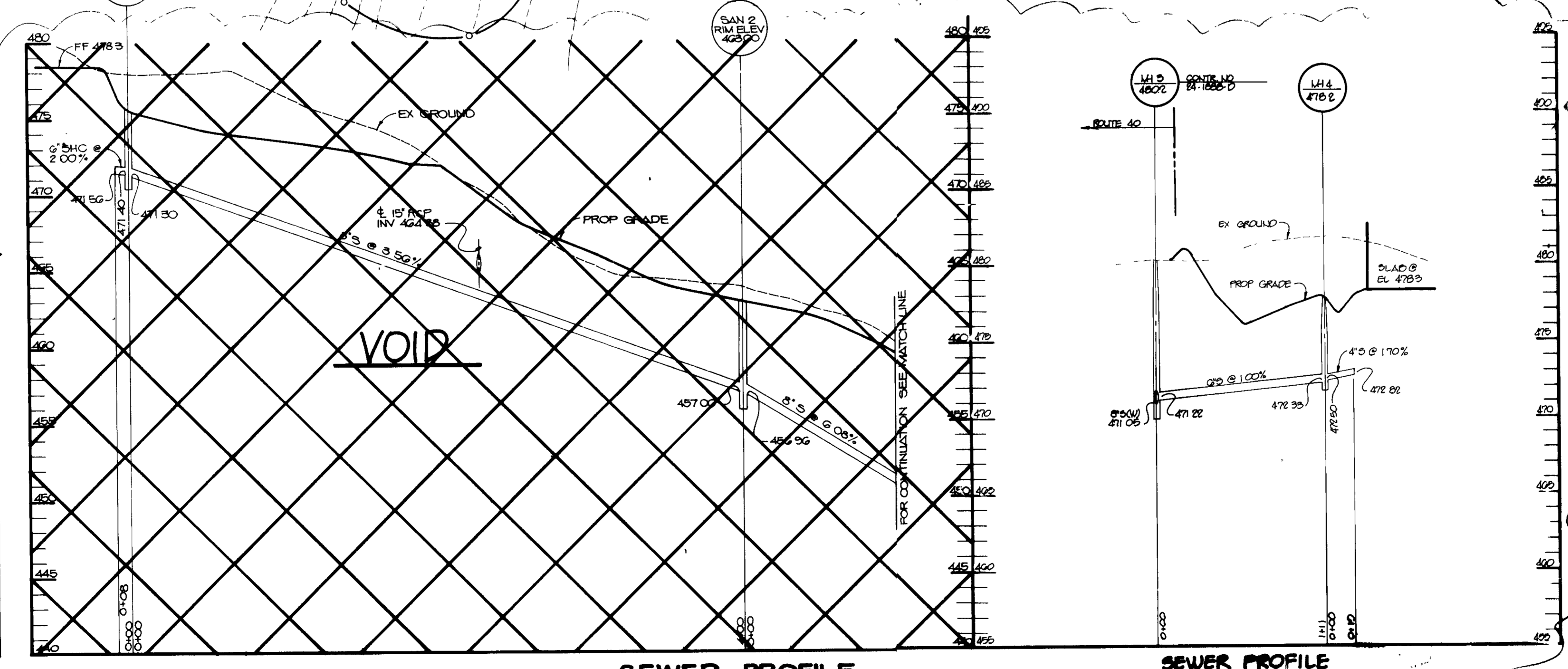
RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX 301-750-3176

11-3-89
 DATE

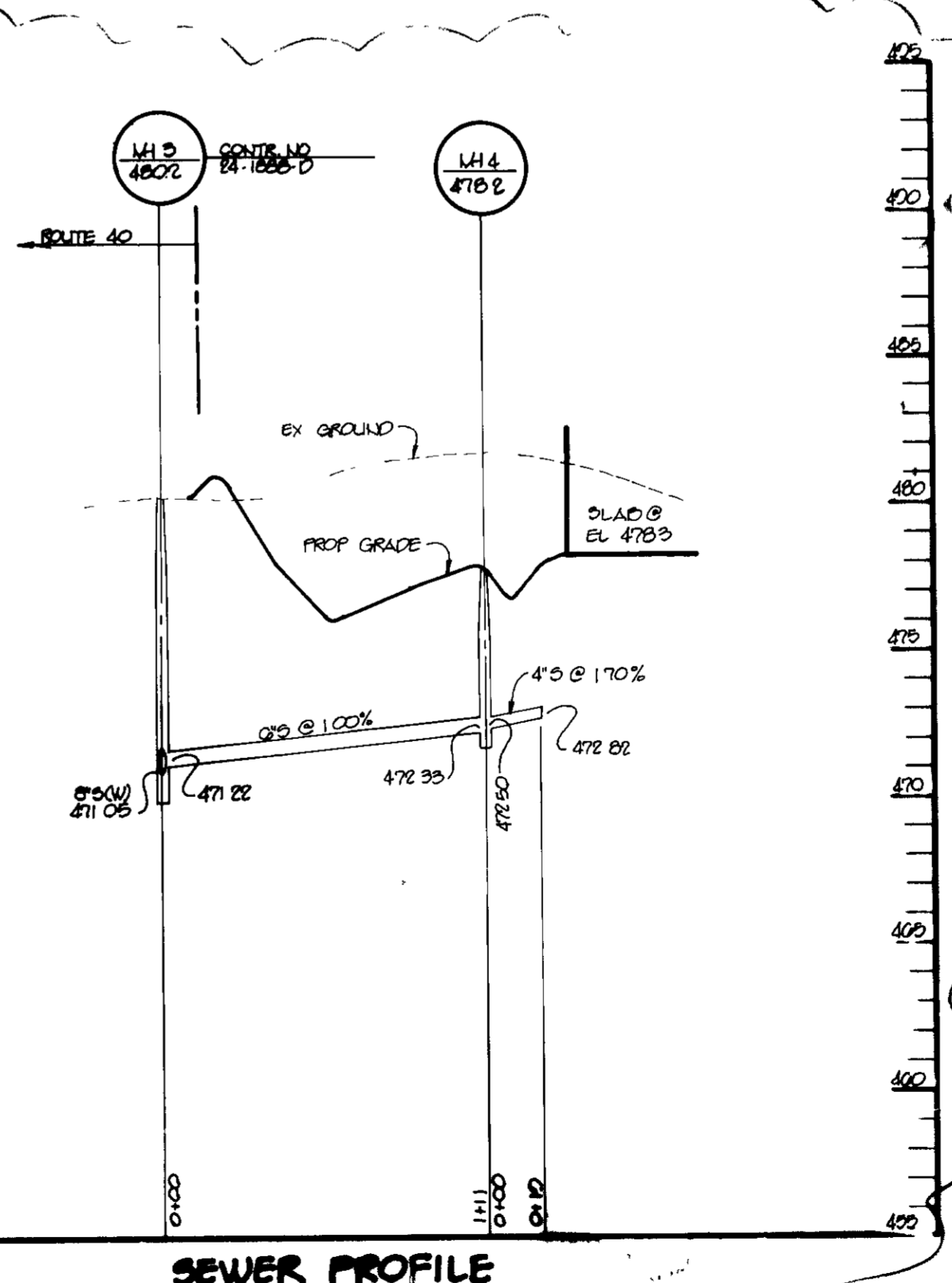
DESIGNED BY J.B.
 DRAWN BY J.C.R.
 PROJECT NO 5270.
 DATE NOV 1, 1989
 SCALE AS SHOWN
 DRAWING NO 4 OF 10



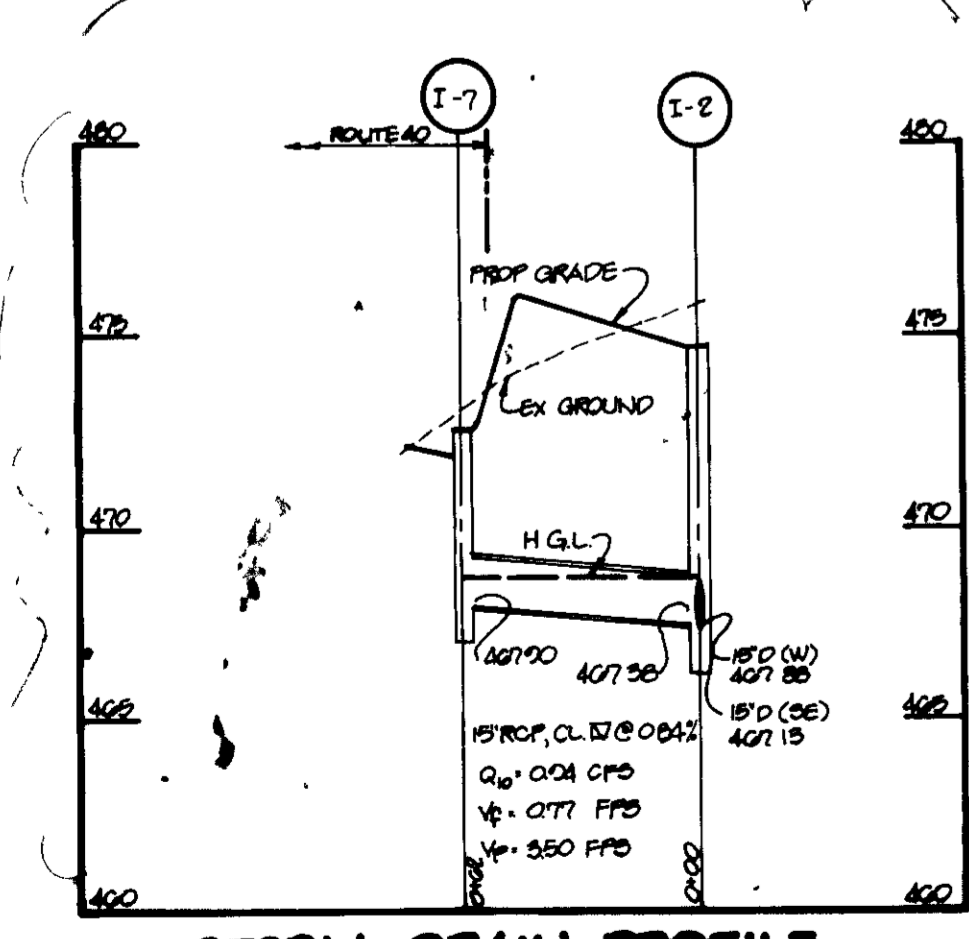
PLAN



SEWER PROFILE
SCALE HOR. 1"=50'
VERT. 1"=5'



SEWER PROFILE
SCALE HOR. 1"=50'
VERT. 1"=5'



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

No.	Type	Location	Top Elev.	Inv. In.	Inv. Out.	Remarks
I-1	A-10 Depressed	See Plan	461.15	450.13	444.29	Ho Co Std Detail SD 4.02 & 4.02
MH-1	4" Standard Precast Manhole	See Plan	470.00	15" NW 463.50 15" SW 462.92	462.92	Ho Co Std. Detail G-5.12
I-2	A-5 Depressed	See Plan	474.73	467.38	467.13	Ho Co Std Detail SD 4.01 & 4.02
MH-2	4" Standard Precast Manhole	See Plan	475.86	15" NW 468.26 15" SW 468.26	468.01	Ho Co Std Detail G-5.12
I-3	Yard Inlet	See Plan	474.40	---	470.00	Ho Co Std Detail SD 4.14
I-4	A-5 Inlet	See Plan	473.23	463.77	463.52	Ho Co Std Detail SD 4.01
I-5	Yard Inlet	See Plan	469.00	---	465.00	Ho Co Std Detail SD 4.14
I-6	A-5 Inlet	See Plan	476.33	---	471.00	Ho Co Std Detail SD 4.01
I-7	C22 IO Inlet	See Plan	478.80	---	467.00	WCHA Std Detail M2-574.01
F-1	30" Metal End Section	See Plan	---	---	448.7 456.57	Ho Co Std Detail SD 5.01
S-1	30" R/SWP Box (14 Gal)	See Plan	446.4 445.57	444.4 441.9	444.4 441.6	See Detail Sheet 9

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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
 Alton A. Clark 11-3-89
 DEVELOPER 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."
 Arthur E. Muegge 11-3-89
 ENGINEER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 Joseph M. Zedler 11-28-89
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 Joseph R. Rute 12/22/89
 DIRECTOR DATE

David J. Campbell 12/2/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

James J. Clark 11/2/89

4.01 REVISION: REMOVED SEWER LINE FROM PLAN, DUBBED SEWER PROFILE, ADDED OTHER DRAIN PROFILES, REVISION SEWER PROFILE.
 DATE: 11/19/89 REVISION
 OWNER OF DEVELOPER
 ALTON A. CLARK
 2150-N NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043

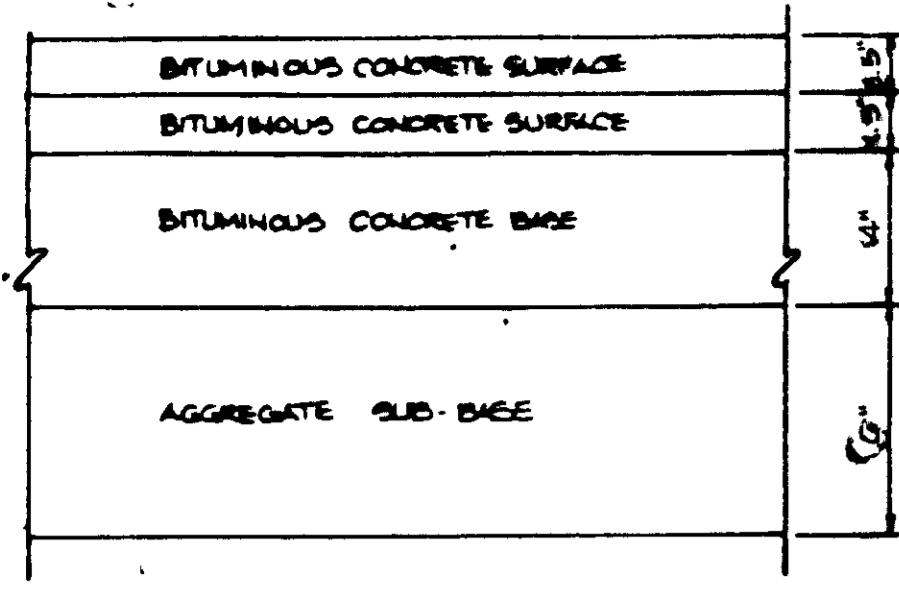
PROJECT: CLARK'S DO-IT CENTER
 AREA: TAX MAP No 24 ZONED B-1 PARCELS 51
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TITLE: DRAINAGE AREA AND SOILS MAP AND SEWER PROFILE

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

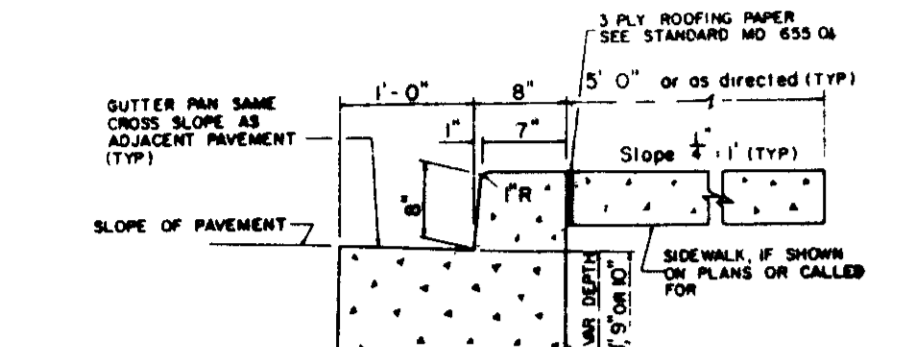
11-3-89 DATE
 COUNTY FILE NO. WP-89-106
 DESIGNED BY
 DRAWN BY
 PROJECT NO.
 DATE NOV 1, 1989
 SCALE AS SHOWN
 DRAWING NO. 5 OF 10



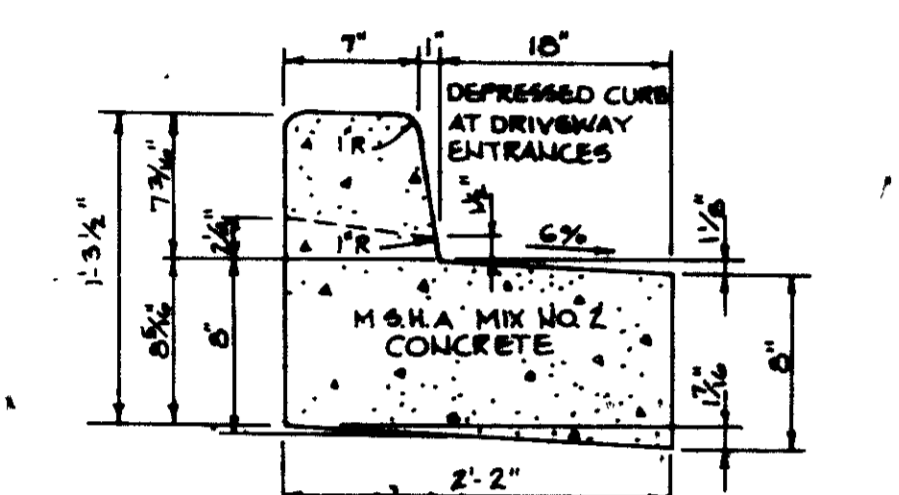
APPROVED
 COMMUNITY PLANNING & LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 12-30-89
 ARTHUR E. MUEGGE



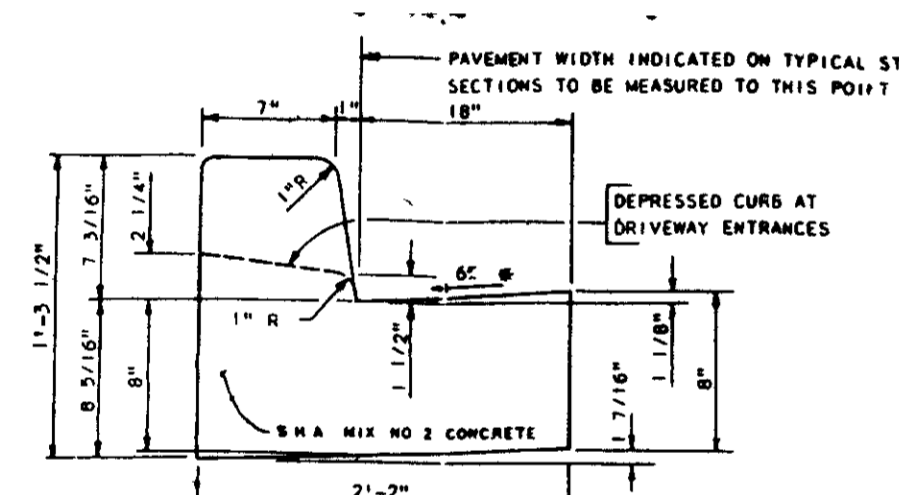
M.S.H.A. PAVING SECTION
NO SCALE



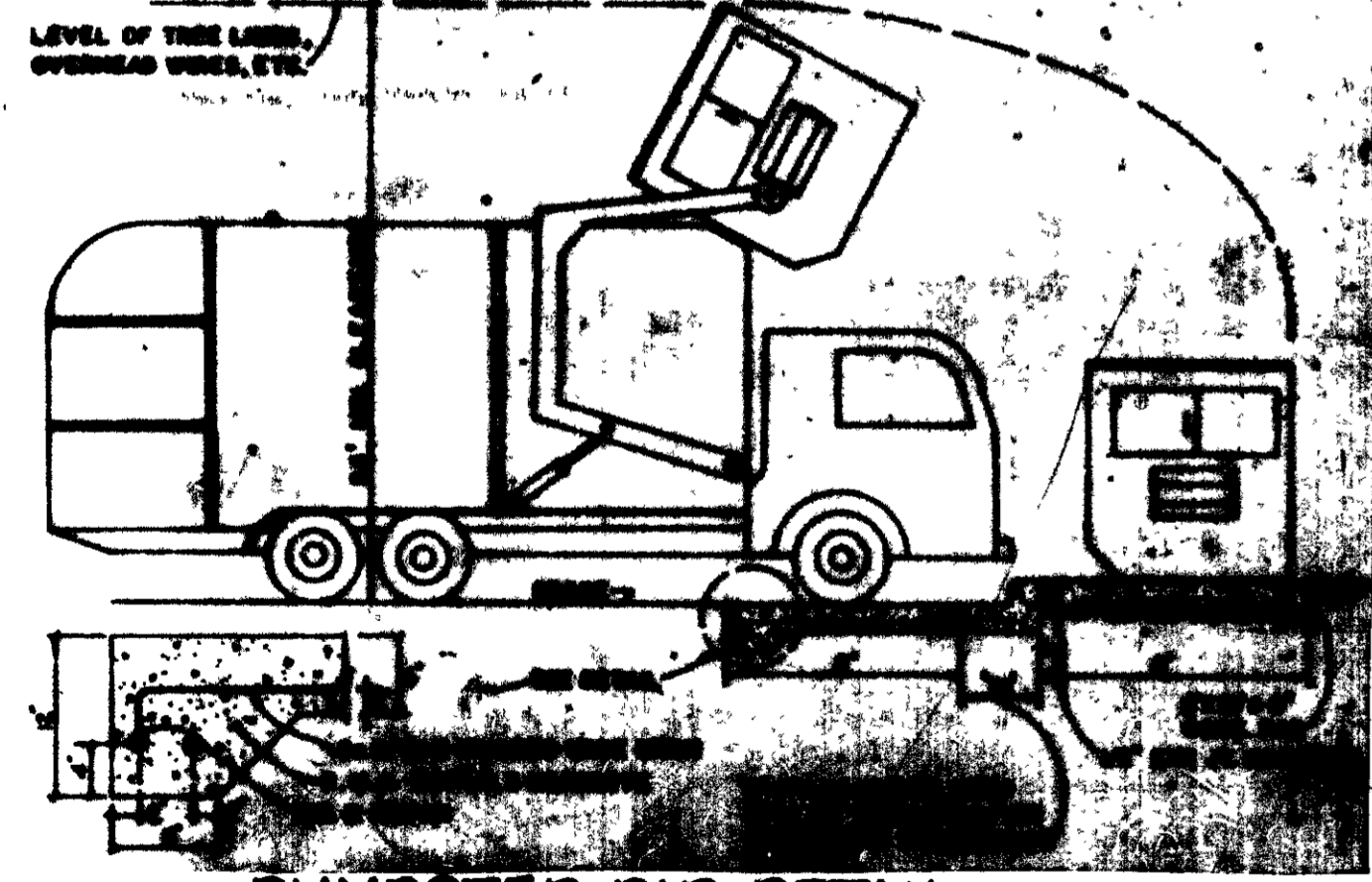
TYPE 'A' COMBINATION CURB AND GUTTER
NO SCALE



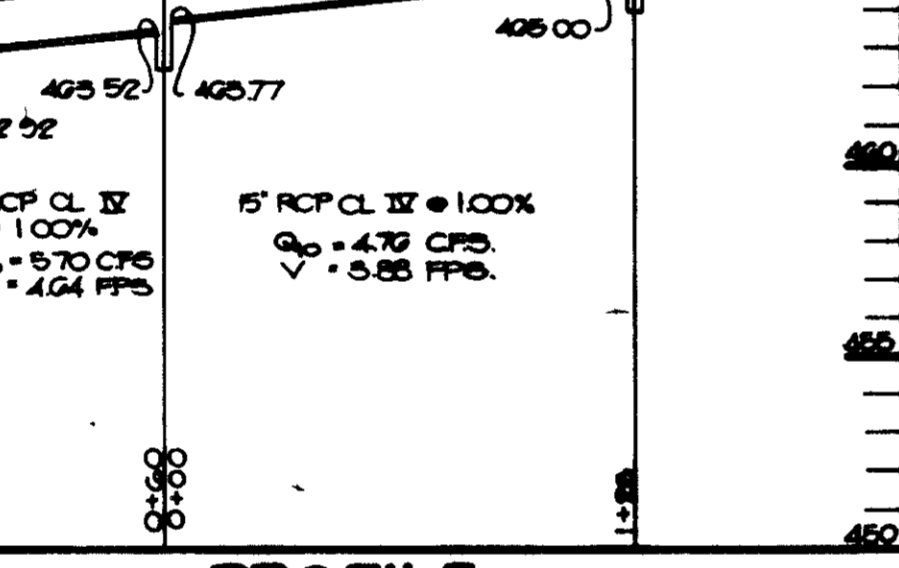
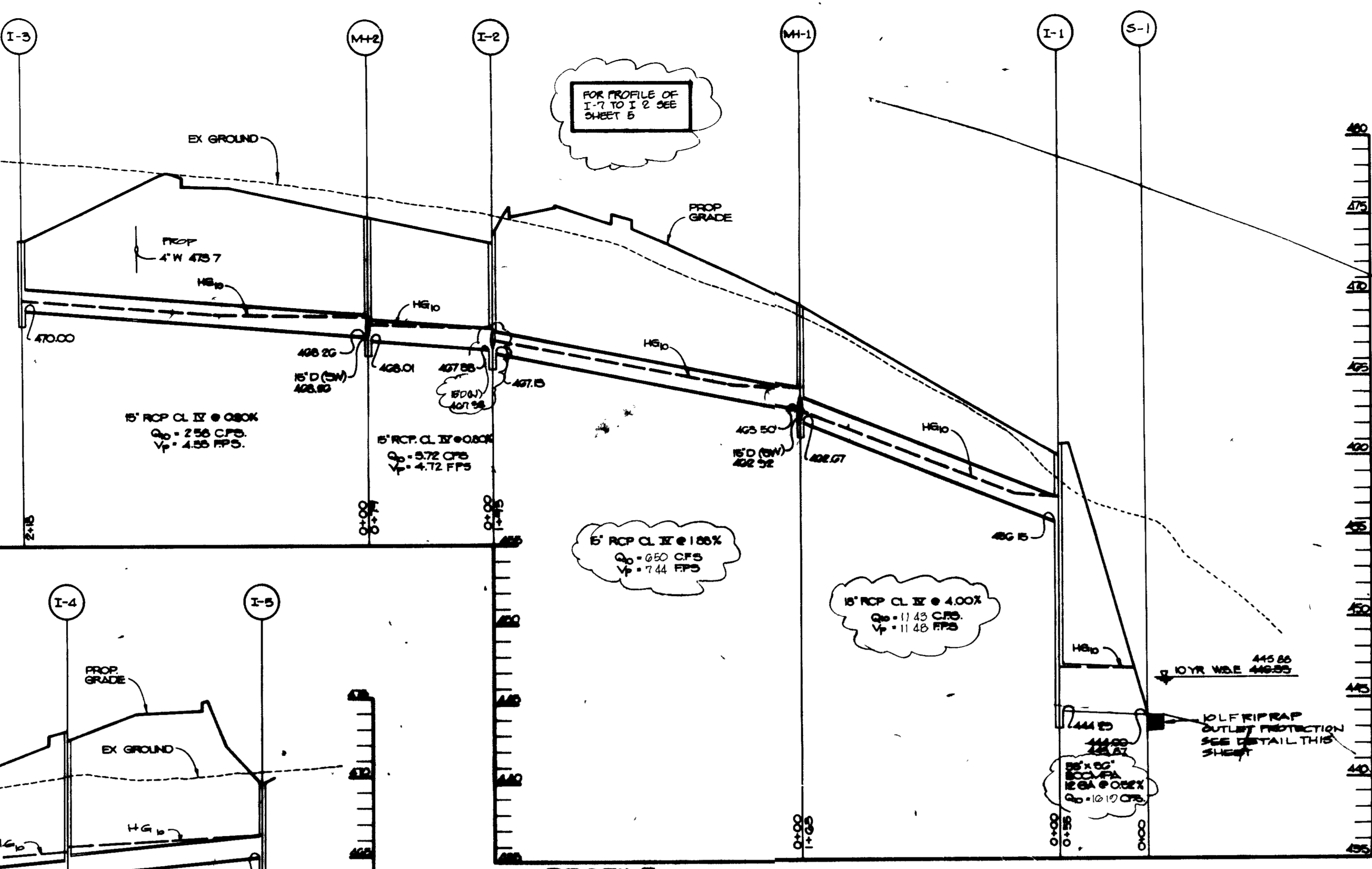
REVERSE 7\"/>



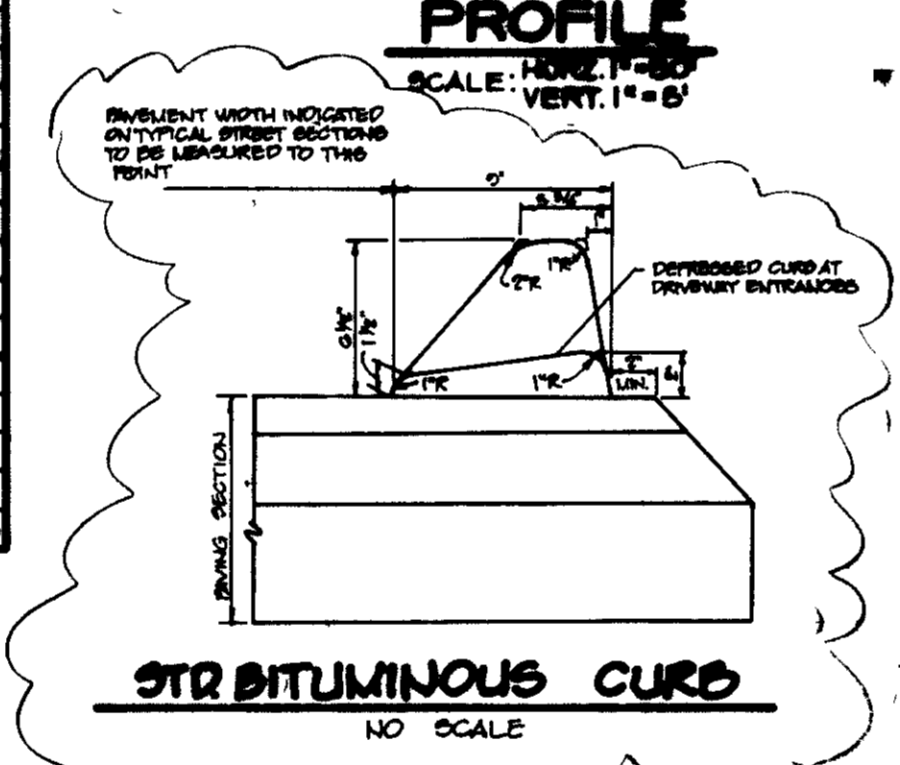
STANDARD 7\"/>



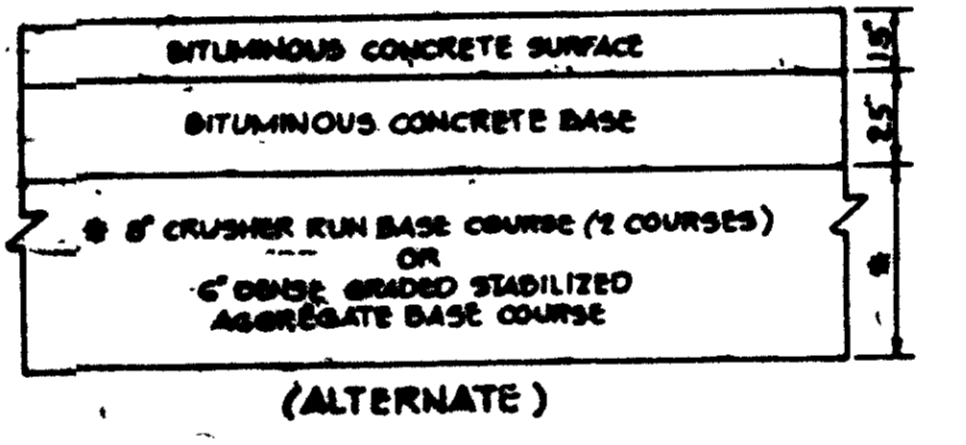
DUMPSTER PAD DETAIL
NO SCALE



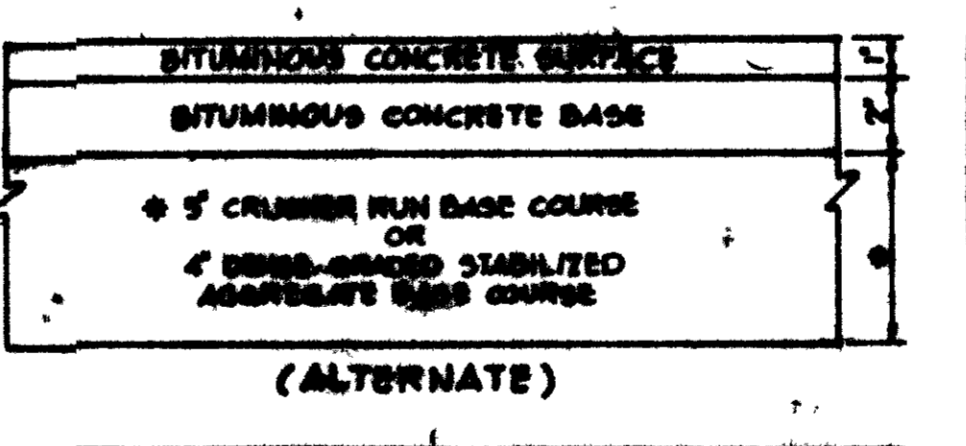
PROFILE
SCALE: HORIZ 1"=50'
VERT 1"=5'



STR BITUMINOUS CURB
NO SCALE

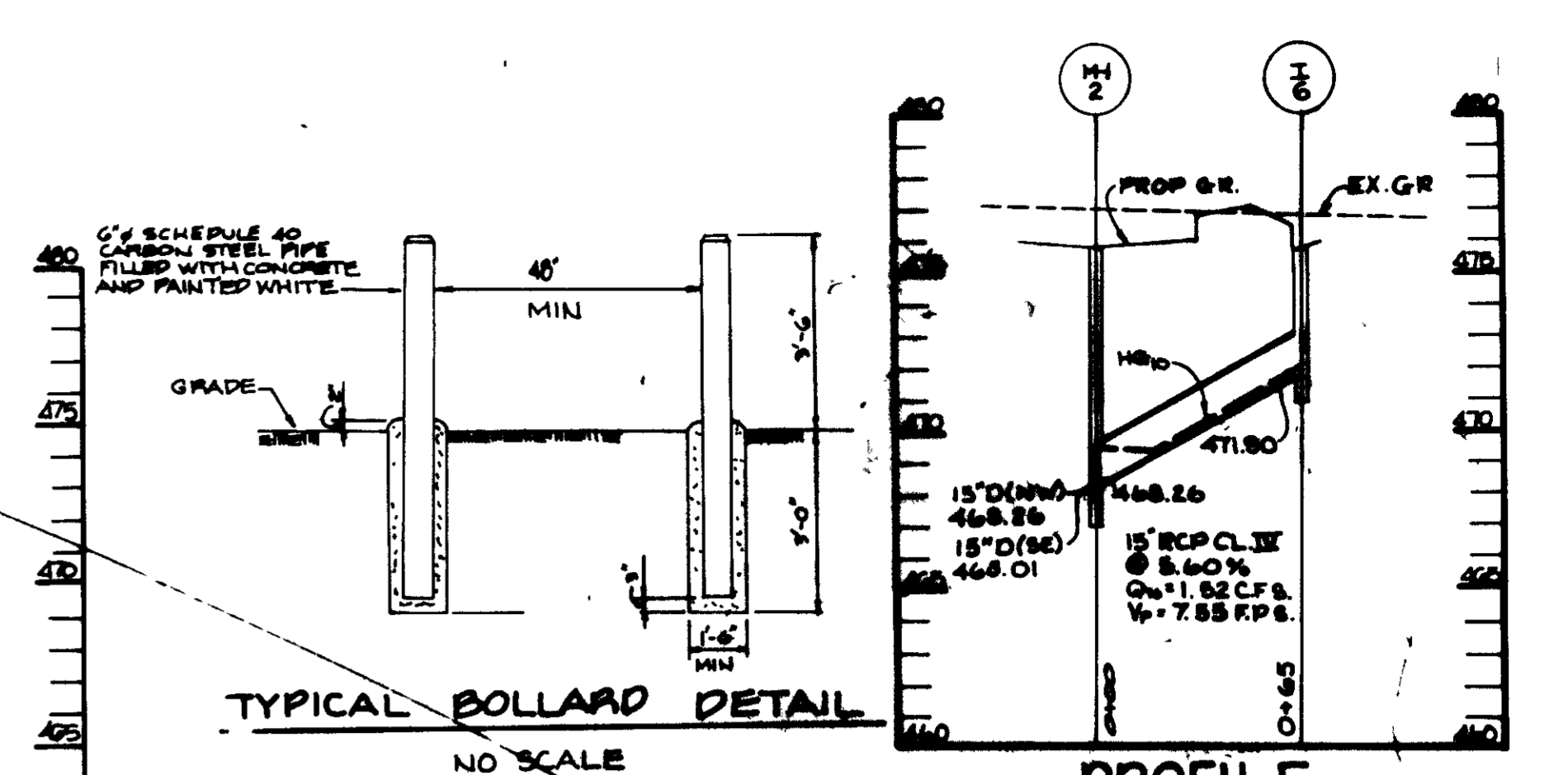


6\"/>

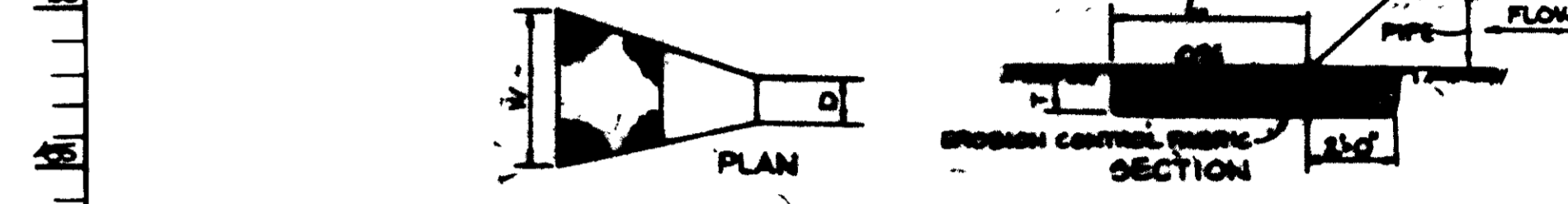


4\"/>

5\"/>



TYPICAL BOLLARD DETAIL
NO SCALE



STRUCTURE	APPROX. OVERALL DIA.	LENGTH (L)	WIDTH (W)	THICKNESS (T)
B-1	6"	10'	15"	14"
S-1	6"	10'	18"	14"

OUTLET PROTECTION DETAIL
NO SCALE

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

[Signature] COUNTY HEALTH OFFICER 11-28-89 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

[Signature] DIRECTOR 11/28/89 DATE

[Signature] CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 11/28/89 DATE

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

[Signature] DIRECTOR 11/28/89 DATE

[Signature] CHIEF, DIVISION OF ENGINEERING 11/28/89 DATE

DATE	NO.	REVISION
4-0-01	1	REVISED STORM DRAIN PROFILE, ADDED BITUMINOUS CURB DETAIL

OWNER/DEVELOPER
ALTON A. CLARK
3105-7 BALTIMORE NATIONAL PIKE
ELICOTT CITY MD. 21043

PROJECT
CLARK'S DO-IT CENTER

AREA TAX MAP NO. 84 ZONED B-1 PARCEL B-1
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

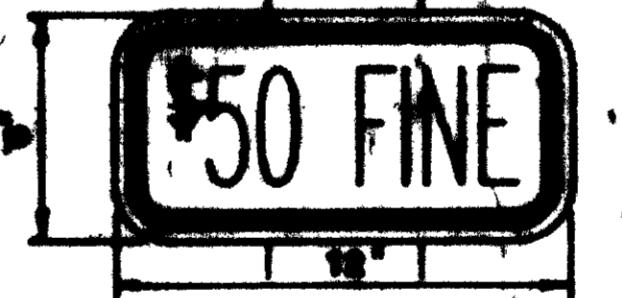
TITLE
DETAILS AND STORM DRAIN PROFILES

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

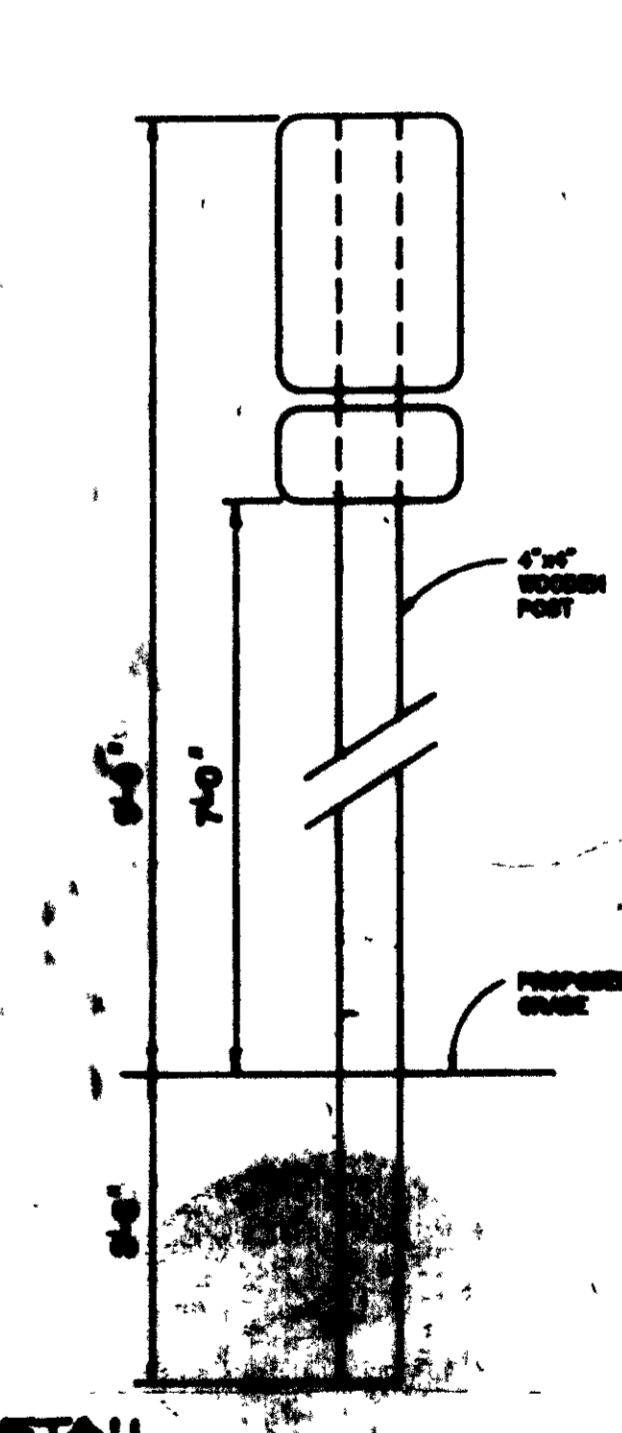
11-28-89 DATE
COUNTY FILE NO. WP-89-100

DESIGNED BY J.J.D.
DRAWN BY J.C.R.

PROJECT NO. D202
DATE NOV 1, 1989
SCALE AS SHOWN
DRAWING NO. 6 OF 10



HANDICAP SIGN DETAIL
NO SCALE



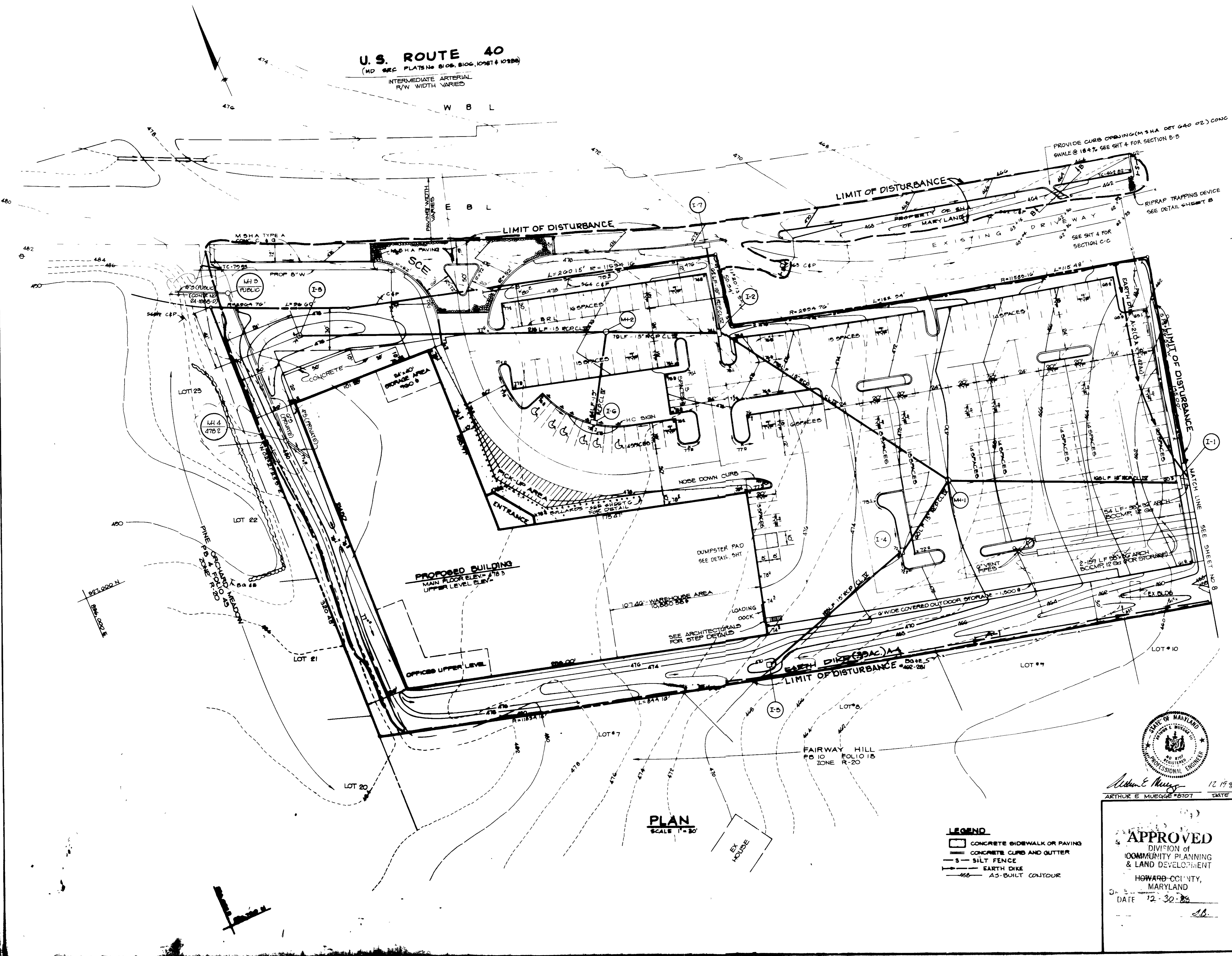
HANDICAP SIGN DETAIL
NO SCALE

APPROVED
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT,
HOWARD COUNTY, MARYLAND
DATE 12-30-89



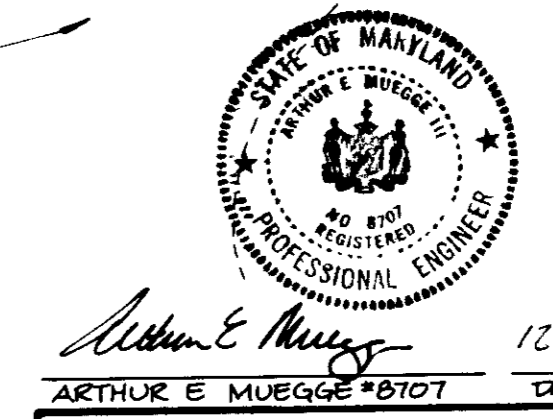
Arthur E. Muegge 12-19-89
ARTHUR E. MUEGGE - PEOT DATE

U.S. ROUTE 40
 (MD SEC PLATS No 8106, 8106, 10261 & 10262)
 INTERMEDIATE ARTERIAL
 R/W WIDTH VARIES



PLAN
 SCALE 1" = 20'

- LEGEND**
- CONCRETE SIDEWALK OR PAVING
 - CONCRETE CURB AND GUTTER
 - S- SILT FENCE
 - EARTH DIKE
 - 45- AS-BUILT CONTOUR



APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE 11-30-89

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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
 DEVELOPER *Alton A. Clark* DATE 11-3-89

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."
 ENGINEER *Arthur E. Muegge* DATE 11-3-89

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.
 U.S. SOIL CONSERVATION SERVICE *James M. Helms* DATE 11-16-89

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT
 APPROVED *Robert W. Zuber* DATE 4/15/89
 HOWARD S.O.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James H. Blum DATE 11-28-89
 DIRECTOR

APPROVED HOWARD COUNTY DEPT. OF PLANNING AND ZONING
James S. Ketchum DATE 12/22/89
 DIRECTOR
David S. Drayton DATE 12/22/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James H. Blum DATE 11/22/89
 DIRECTOR
James H. Blum DATE 11/22/89
 CHIEF BUREAU OF ENGINEERS

4 9 01 1 RELOCATED SEWER LINE, ADDD STORM DRAIN SYSTEM I 7 - I 8
 DATE NO REVISION

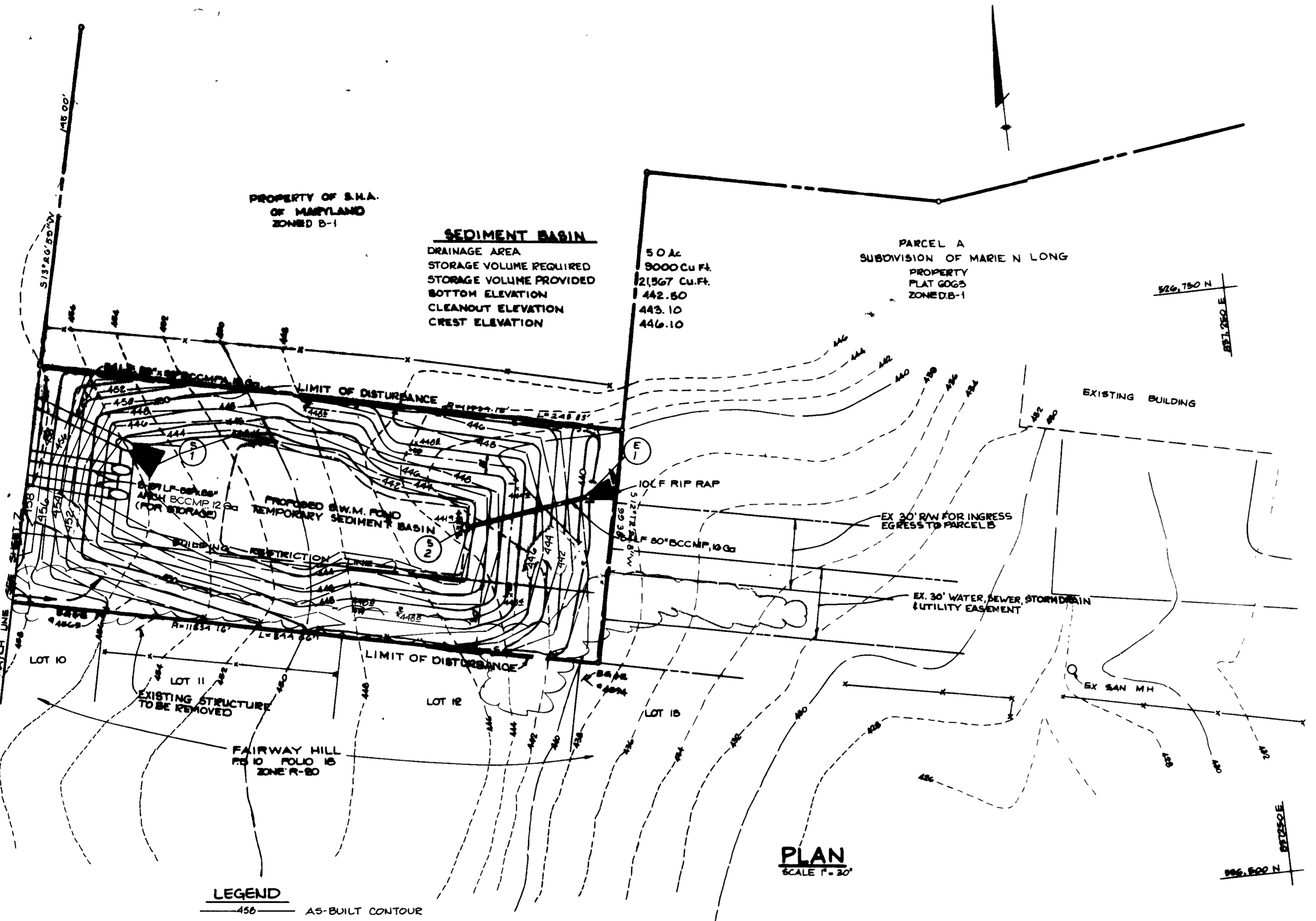
OWNER / DEVELOPER
 ALTON A. CLARK
 9180-T BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD 21043

PROJECT
CLARK'S DO-IT CENTER
 AREA TAX MAP No 24 ZONE B-1 PARCEL B 1
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE
SEDIMENT CONTROL PLAN

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

11-3-89 DATE	COUNTY FILE NO WP-89-106
DESIGNED BY JJB	
DRAWN BY A P F	
PROJECT NO 52702	
DATE NOV 1, 1989	
SCALE AS SHOWN	
<i>Arthur E. Muegge</i> ARTHUR E. MUEGGE #8107	DRAWING NO 7 OF 10



PLAN SCALE 1"=30'

LEGEND 450 AS-BUILT CONTOUR

PERMANENT SEEDING NOTES

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

Seeded Preparation Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments Apply 0-20-20 fertilizer at the rate of 600 lbs per acre. If soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.

Seeding For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs. per acre (1 lb./1000 sq. ft.) of a mixture of certified 'Merion' Kentucky bluegrass, common Kentucky bluegrass @ 40 lbs. per acre (1 lb./1000 sq. ft.) and Red Fescue, Pennlawn or Jamestown 31, seed with 40-40-20 mix as specified above and 2 lbs. per acre (0.05 lb./1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by (Option 1) 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring (Option 2) 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring, or use seed.

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

Maintenance Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

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

Seeded Preparation Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments Apply 600 lbs. per acre 10-10-10 fertilizer (14 lb./1000 sq. ft.) where soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.

Seeding For periods March 1 thru April 30 and from August 15 thru November 15, seed with 140 lbs. per acre of annual ryegrass (3.2 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.07 lb./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring, or use seed.

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

SEDIMENT CONTROL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (493-2433).
2. All vegetative and structural practices are to be installed in accordance with the provisions of this plan and are to be in compliance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days for all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 121 of the HOWARD COUNTY DESIGN HANDBOOK: Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (for permanent seedings (Sec 31) and (Sec 34), temporary seedings (Sec 30) and mulching (Sec 33). Temporary stabilization with mulch alone can only be done when recommended seeding devices do not allow for proper germination and establishment of grasses.
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:

Total Area of Site	4.91 acres
Area Discurbed	3.02 acres
Area to be roofed or paved	0.47 acres
Area to be vegetatively stabilized	1.42 acres
Total Cut	2000 cu yds
Total Fill	2000 cu yds
8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment controls must be provided, if deemed necessary by the Howard County OPI sediment control inspector.
10. Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
11. Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DEVELOPER: *[Signature]* DATE: 11-3-89

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.
 ENGINEER: *[Signature]* DATE: 11-3-89

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.
 HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.
 DATE: 11-16-89

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE - STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 11/15/89

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE - STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 11-28-89

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE - STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 12/22/89

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE - STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 11/26/89

4-0-91	REMOVED SEWER LINE
DATE	NO REVISION

OWNER/DEVELOPER
 ALTON A CLARK
 8150-7 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD 21043

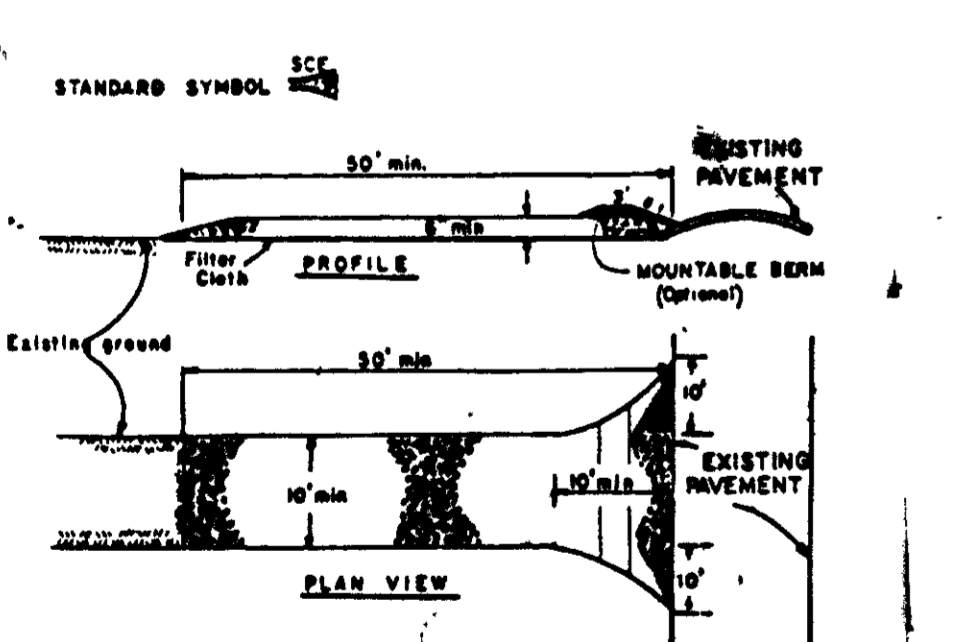
PROJECT
CLARK'S DO-IT CENTER

AREA TAX MAP NO 24 ZONED B-1 PARCEL 5-1
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE **SEDIMENT CONTROL PLAN NOTES & DETAILS**

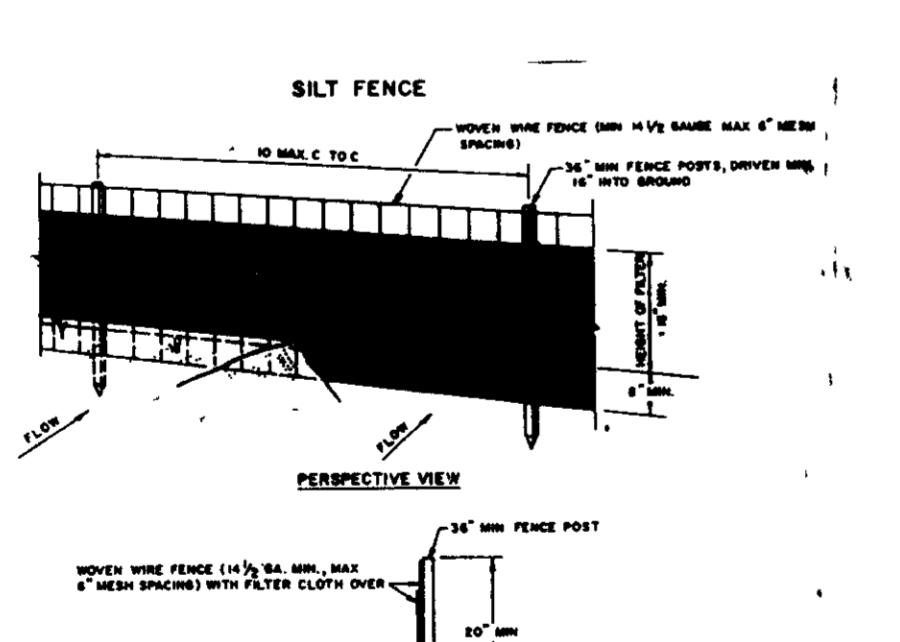
RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX 301-750-3176

DATE: 11-3-89
 COUNTY FILE NO: WP-89-100
 DESIGNED BY: JJB
 DRAWN BY: DBS
 PROJECT NO: 52702
 DATE: NOV 1, 1989
 SCALE: AS SHOWN
 DRAWING NO: 8 OF 10



STABILIZED CONSTRUCTION ENTRANCE
 NO SCALE

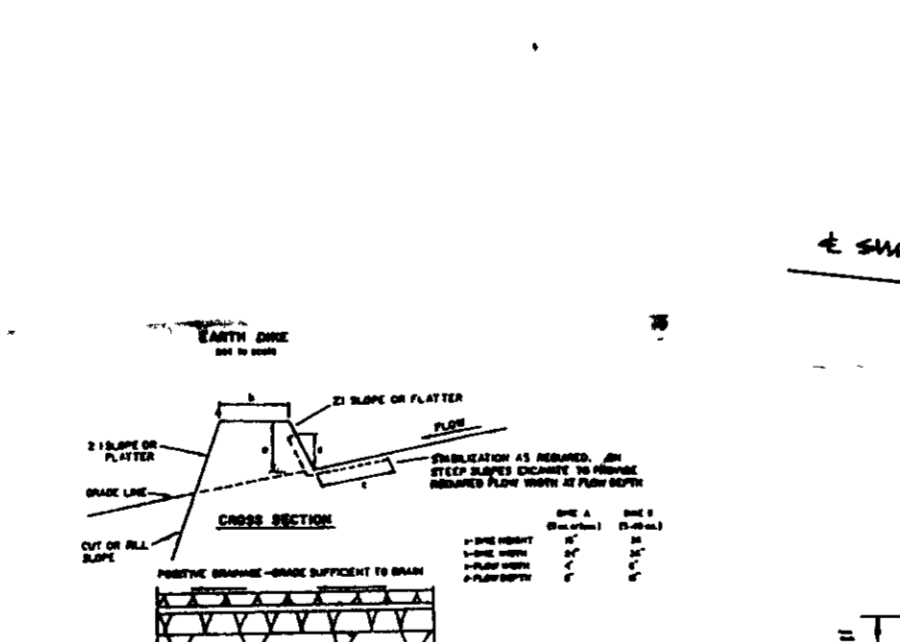
1. Stone dikes - 30" stones, or equivalent of recycled concrete equivalent.
2. Length - As required, but not less than 30 feet (except on a single road-ditch lot where a 30 foot minimum length would apply).
3. Thickness - 24" less than six (6) inches.
4. Width - 24" (18" face width), but not less than the full width of the roadway where adjacent to a roadway.
5. Filter Cloth - All surface water flowing off disturbed areas must be filtered through a filter cloth.
6. Surface Water - All surface water flowing off disturbed areas must be filtered through a filter cloth.
7. A waterable basin with 2:1 slopes will be provided.
8. Maintenance - The entrance must be maintained in a condition which will prevent blocking or flowing of sediment into public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or placement of any necessary sand to keep sediment.
9. All sediment, silt, gravel, sand or washed into public right-of-way must be removed immediately.
10. Working - Stone shall be placed to remove sediment prior to entrance into public right-of-way. Stone washing is required. It shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
11. Periodic inspection and repair is required.



SILT FENCE
 NO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:

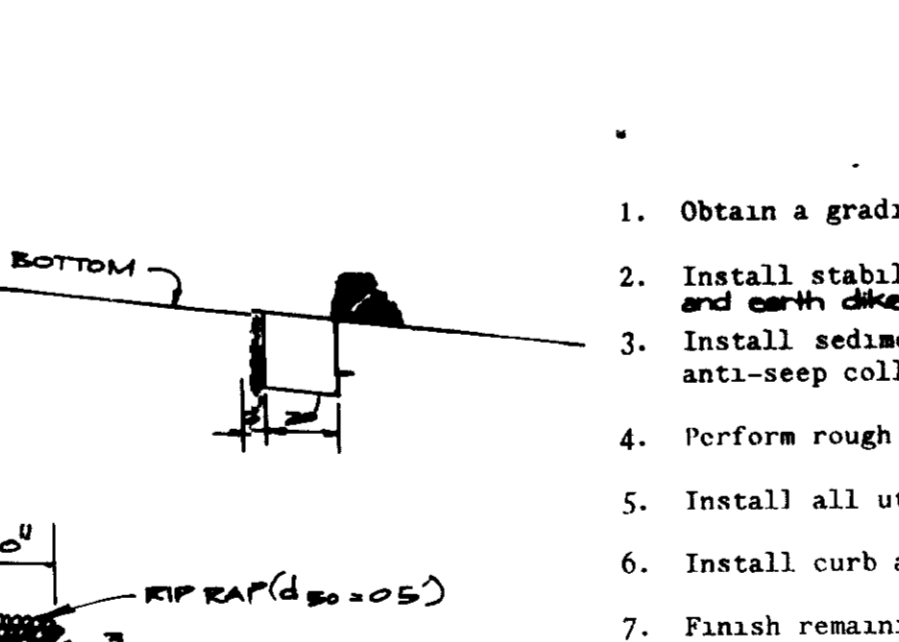
1. WOOD WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOOD WIRE FENCE WITH TIES EVERY 2' AT TOP AND MID SECTION.
3. NO TWO SECTIONS OF FILTER CLOTH ALLOW BACK OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED AND REPAIRS REQUIRED SHALL BE MADE IMMEDIATELY.



EARTH DIKE
 NO SCALE

CONSTRUCTION NOTES FOR EARTH DIKE:

1. ALL DIKES SHALL BE CONSTRUCTED BY THE CONTRACTOR.
2. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
3. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
4. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
5. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
6. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
7. ALL DIKES SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.



SWALE TRAPPING DEVICE
 NO SCALE

CONSTRUCTION NOTES FOR SWALE TRAPPING DEVICE:

1. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
2. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
3. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
4. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
5. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
6. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.
7. SWALE TRAPPING DEVICE SHALL BE CONSTRUCTED TO A MINIMUM OF 18" ABOVE FINISHED GRADE.

SEQUENCE OF CONSTRUCTION

1. Obtain a grading permit.
2. Install stabilized construction entrance and silt fence, and earth dike ----(1 day)
3. Install sediment basin, riser structure without low flow orifice, anti-seep collars and core trench ----(1 week)
4. Perform rough grading without disturbing sediment controls. ----(2 weeks)
5. Install all utilities ----(2 weeks)
6. Install curb and gutter and paving ----(4 weeks)
7. Finish remaining construction activities and stabilize all disturbed areas in accordance with the permanent seeding notes.
8. Upon approval of the Howard County Department of Public Works Sediment Control Inspector, remove all remaining sediment controls and proceed with conversion of sediment basin to storm water management facility as follows:
 - a. Flush storm drain system of all sediment ----(1/2 day)
 - b. Pump out any impounded water ----(1/2 day)
 - c. Remove sediment and place as directed by the Howard County Department of Public Works Sediment Control Inspector.
 - d. Install 4" x 4" low flow orifice on riser structure ----(1/2 day)
 - e. Excavate as necessary and bring the storm water management facility to the dimensions as shown on the site development plan ----(1/2 day)
 - f. Stabilize all areas in accordance with the permanent seeding notes ----(1/2 day)

APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE: 12-30-88
 ARTHUR E MUEGGE #807

APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE: 12-30-88
 ARTHUR E MUEGGE #807

