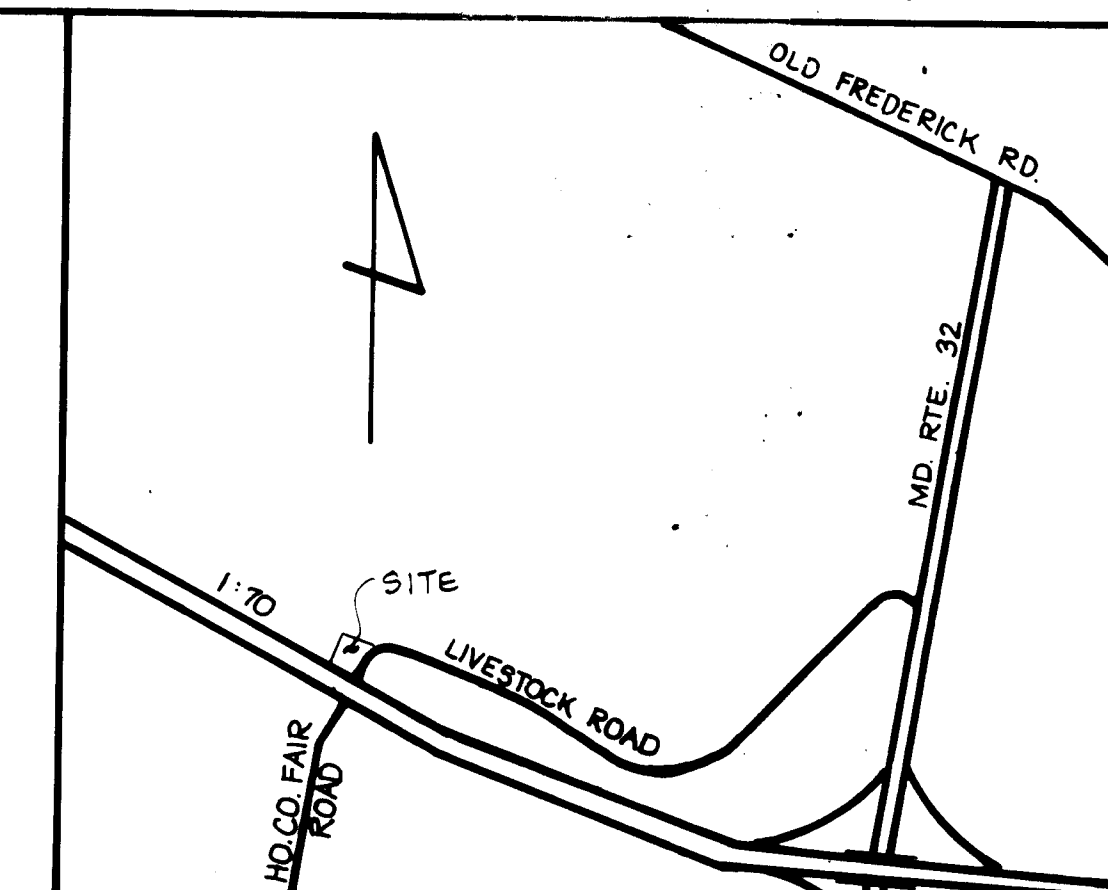


SEDIMENT CONTROL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE.
- APPLY FOR GRADING PERMIT.
- NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS.
- CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE.
- CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM.
- ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE.
- ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S). MAXIMUM FILL SLOPE SHALL BE 3:1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW.
- SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS.
- STABILIZATION MEASURES:
 - TEMPORARY STABILIZATION:**
 - APPLY: 2000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. OR 11.5 LBS./1000 SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
 - PERMANENT STABILIZATION:**
 - APPLY: 2000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. OF 10-10-10 FERTILIZER.
 - SEED: 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE. 40 LBS./AC. OF KENTUCKY BLUE GRASS. 25 LBS./AC. OF ANNUAL RYEGRASS.
- NOTE: SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUG. 1 - OCT. - 1 ONLY. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
- MULCH: 2 TONS/AC. OF UNWEATHERED WHEATSTRAW. TIE MULCH DOWN WITH 480 GAL./AC. OF LIQUID ASPHALT.

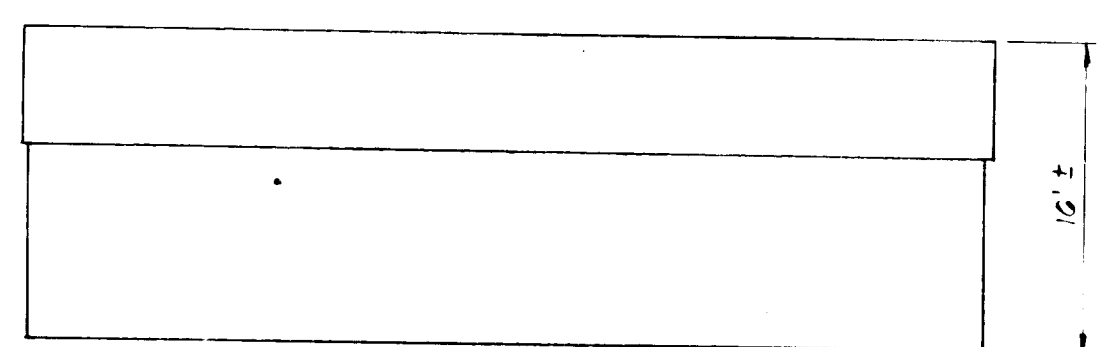
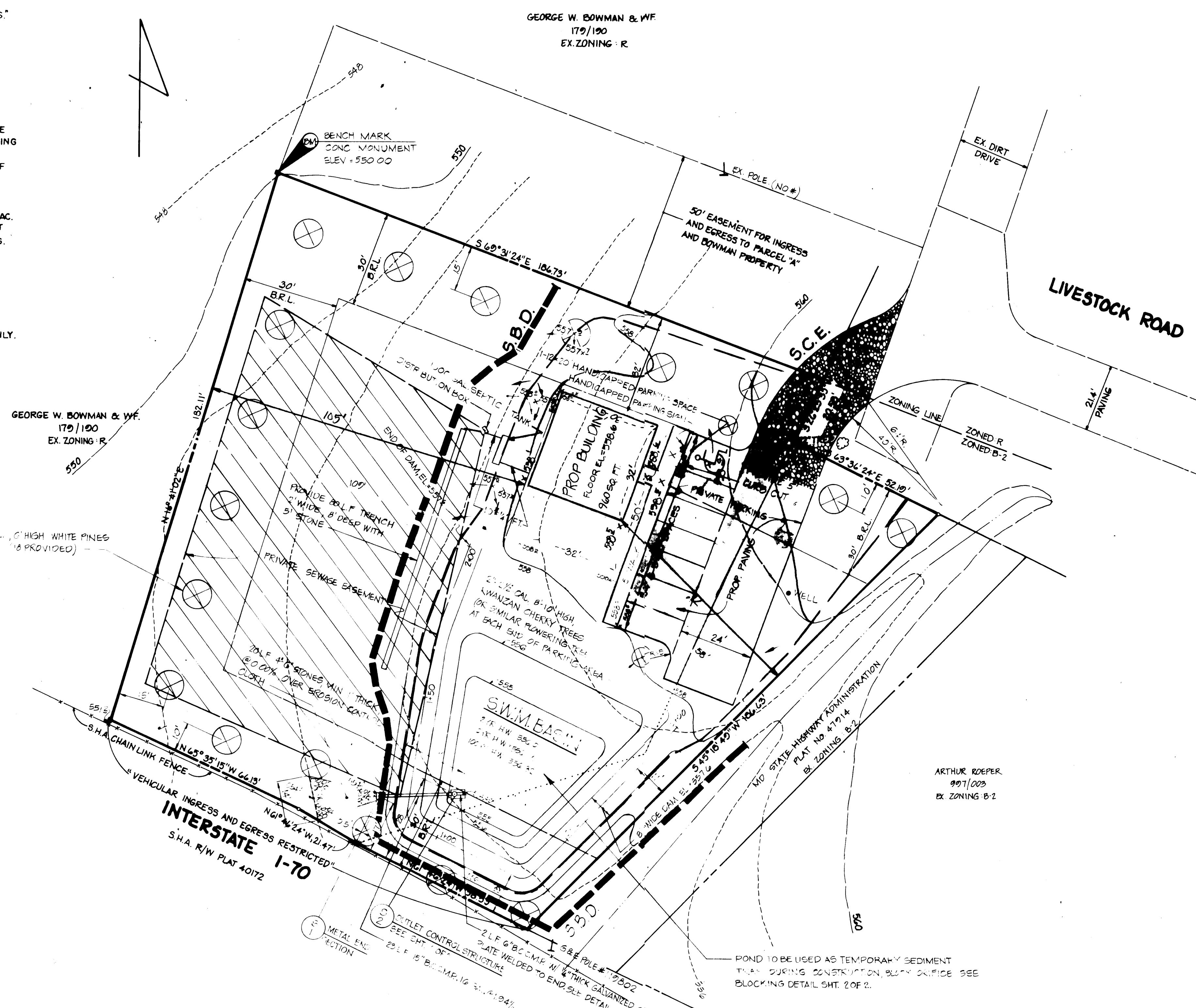
SITE ANALYSIS

AREA OF SITE: 0.8 AC. ±
 AREA PAVED: 0.14 AC. ±
 AREA REVEGETATED: 0.26 AC. ±
 AREA DISTURBED: 0.4 AC. ±
 AREA UNDISTURBED: 0.4 AC. ±



GENERAL NOTES

- TAX MAP: 15, PARCEL 240
- DEED REFERENCE: 1062/544, PLAT REFERENCE: 4868 AND
- EX ZONING: B-2, MSHA PLAT NO. 47914
- SITE USE: FEDERAL LAND BANK & PRODUCTION CREDIT AGENCY OFFICE
- TOTAL AREA OF SITE: 0.8 AC.
- BLDG. COVERAGE: 960 SQ. FT. OR 2.8%
- OPEN SPACE PROVIDED: 0.65 AC. ±
- PRIVATE WATER AND PRIVATE SEWERAGE ARE TO BE UTILIZED.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. IV.
- SUBJECT TO "VP-81-48"
- BOUNDARY SHOWN HEREON IS BASED ON PLAT PREPARED BY FISHER, COLLINS AND CARTER, INC.
- PARKING TABULATIONS:
 - REQ'D:
 - 7 SPA. ± FOR 200 SF
 - TOTAL FLOOR AREA = 960 SF
 - AREA ACCESSIBLE TO PUBLIC = 600 SF
 - 600 ÷ 200 = 3 SPACES
 - 7 SPACES / 10 EMPLOYEES
 - 2 EMPLOYEES X 0.7 = 2 SPACES
 - PROVIDED:
 - 7 SPACES INCLUDING 1 HANDICAPPED
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-550-2100 AT LEAST 3 DAYS PRIOR TO BEGINNING WORK.



BUILDING ELEVATION
NOT TO SCALE

BUILDING
 FF ELEV. = 550.0
 INV. OUT. = 553.72
SEPTIC TANK
 EX. GR. = 556.5
 FIN. GR. = 557.0
 INV. IN. = 553.51
 INV. OUT. = 553.21
DISTRIBUTION BOX
 EX. GR. = 556.0
 FIN. GR. = 556.0
 INV. IN. = 553.0
WELL
 EX. GR. = 560.0
 FIN. GR. = 560.0

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-18-83

ADDRESS / CHART	
PARCEL NO.	STREET ADDRESS
240	12900 LIVESTOCK ROAD

SUBDIVISION NAME		SECT./AREA	PARCEL NO.
PARCEL A BOWMAN PROPERTY		-	240

PLAT # OR L/F	BLOCK	ZONING	TAX/ZONING MAP	ELECT. DIST.	CENSUS TR.
496.9	1062/544	B-2	15	240	10290

OWNER/DEVELOPER
 UPPER CHESAPEAKE FARM CREDIT SERVICE
 410 PAUL NEWCOMER, GEN. MANAGER
 P.O. BOX 648
 BEL AIR, 21014

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 4-9-84
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 [Signature] 4-11-84
 PLANNING DIRECTOR DATE

[Signature] 4-11-84
 CHIEF, DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION DATE

APPROVED FOR STORM
 DRAINAGE SYSTEMS AND PUBLIC ROADS: HOWARD COUNTY
 DEPARTMENT OF PUBLIC WORKS
 [Signature] 4-5-84
 DIRECTOR DATE

[Signature] 4-4-84
 CHIEF, BUREAU OF ENGINEERING DATE

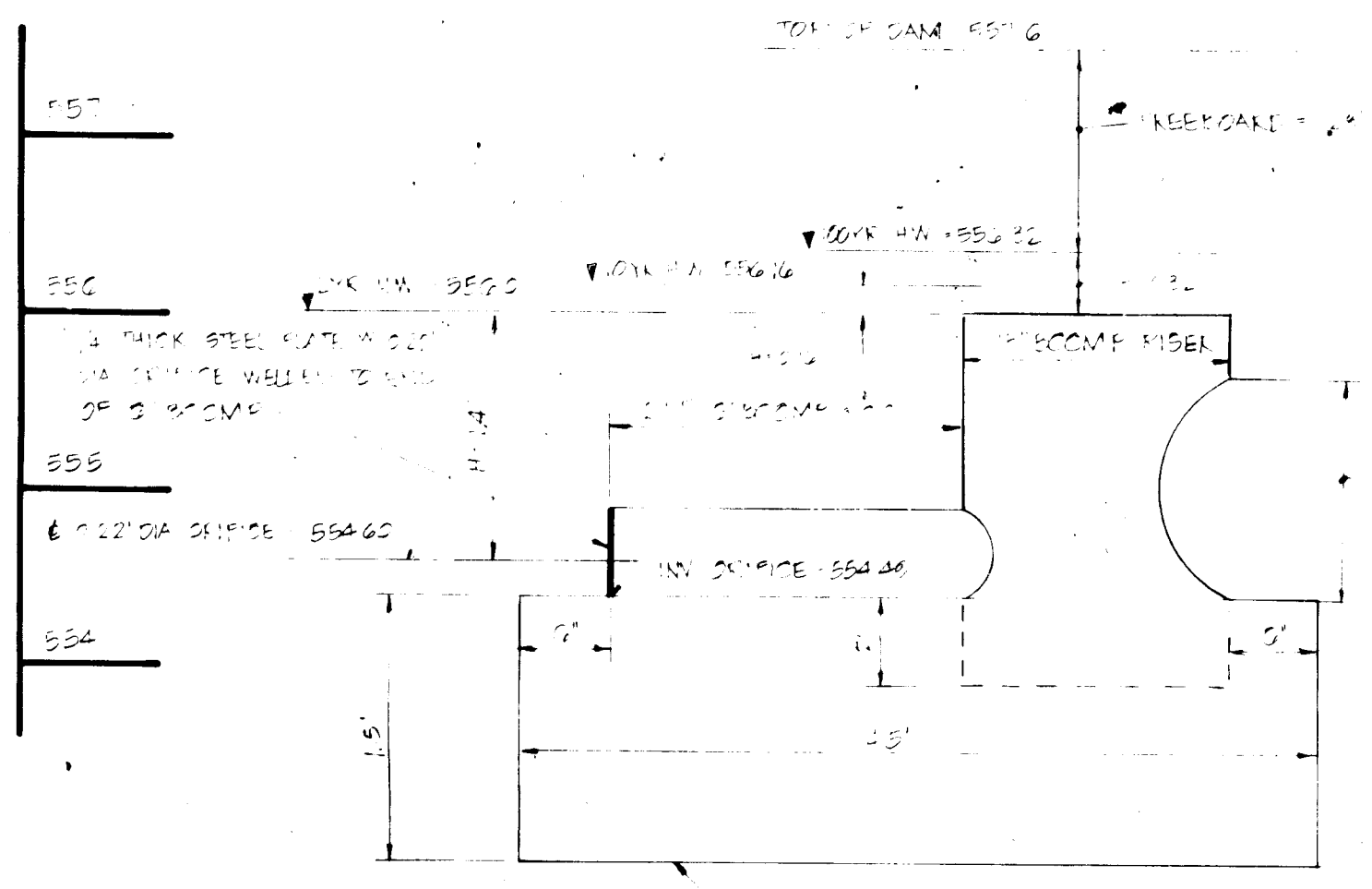
REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 [Signature] 4-2-84
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 4-2-84
 SOIL CONSERVATION DISTRICT DATE

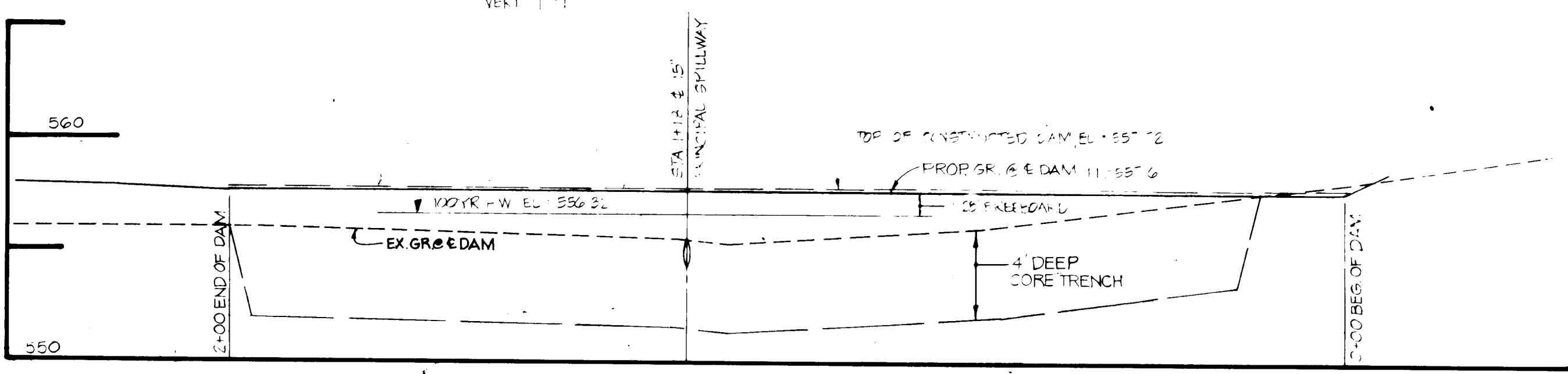
DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 [Signature] 9/13/83
 DEVELOPER DATE

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 9/13/83
 ENGINEER DATE

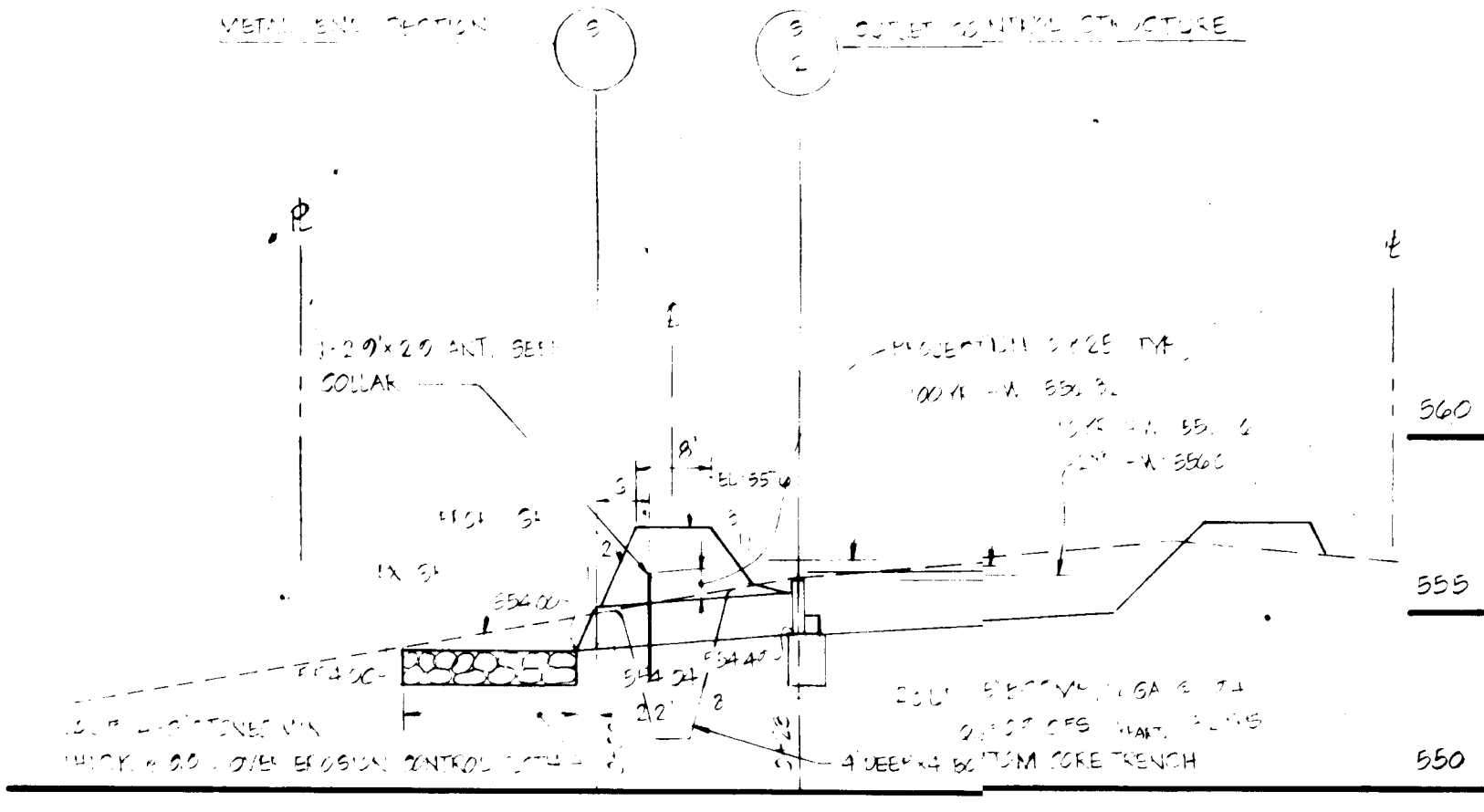
SITE DEVELOPMENT PLAN
 PROJECT: PARCEL 'A' - BOWMAN PROPERTY
 LOCATION: 3RD ELECTION DISTRICT TAX MAP: 15 HOWARD COUNTY, MD.
 DATE: MAY, 1983 SCALE: 1"=20' DESIGN BY: J.J.B. DRAWN BY: J.C.B./J.J.B. CHECKED BY: R.D. 488 DRAWING NO.: 10F 2 JOB NO.: 83076
boender associates engineers, surveyors, planners
 3523 COURTHOUSE SQUARE - SUITE A
 ELLICOTT CITY, MARYLAND 21043
 301-465-7777



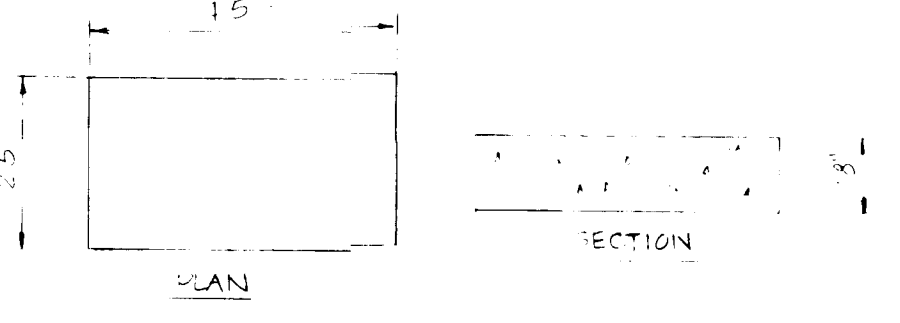
OUTLET CONTROL STRUCTURE - S2



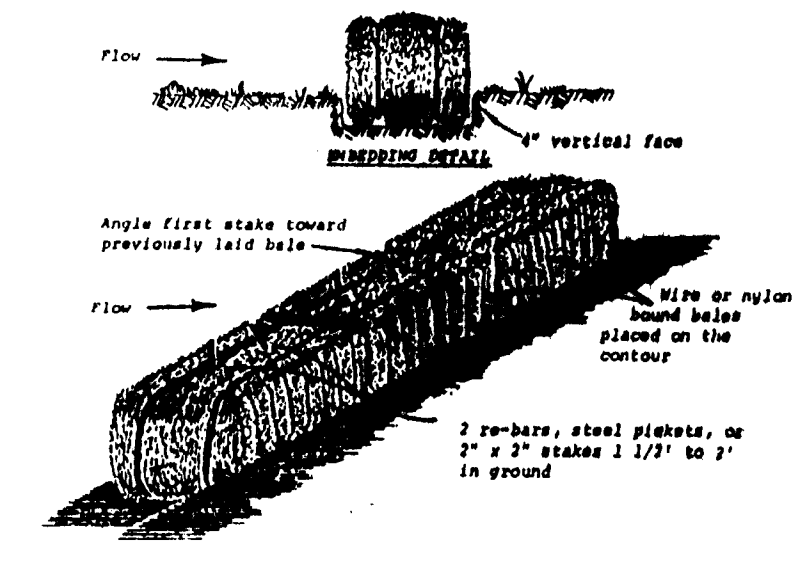
PROFILE: TOP OF DAM



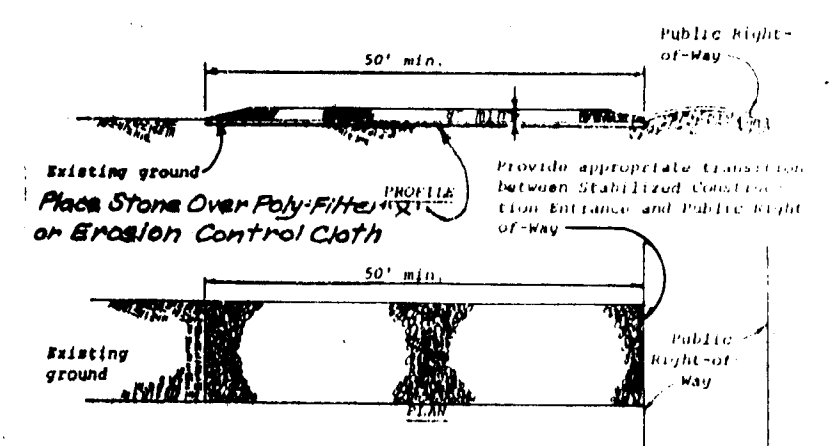
OUTLET CONTROL STRUCTURE



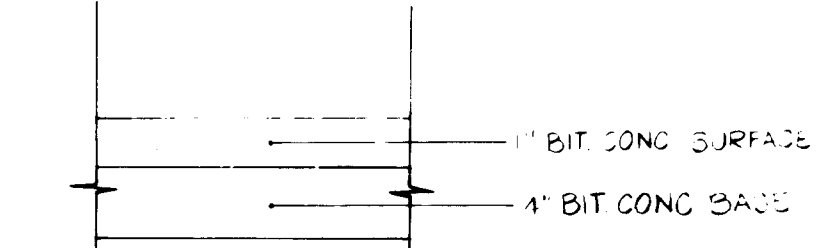
SLAB DETAIL AT S2



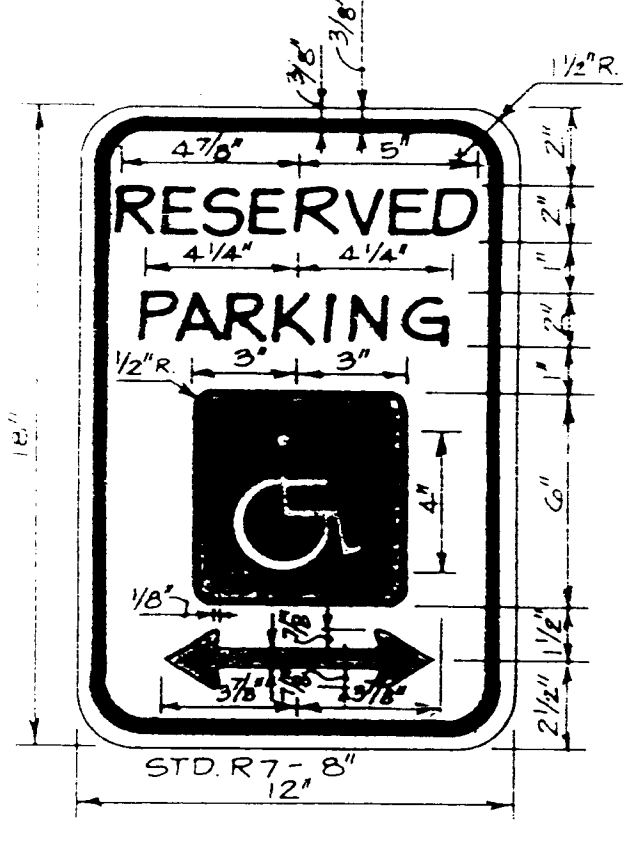
STRAW BALE DIKE (S.B.D.)



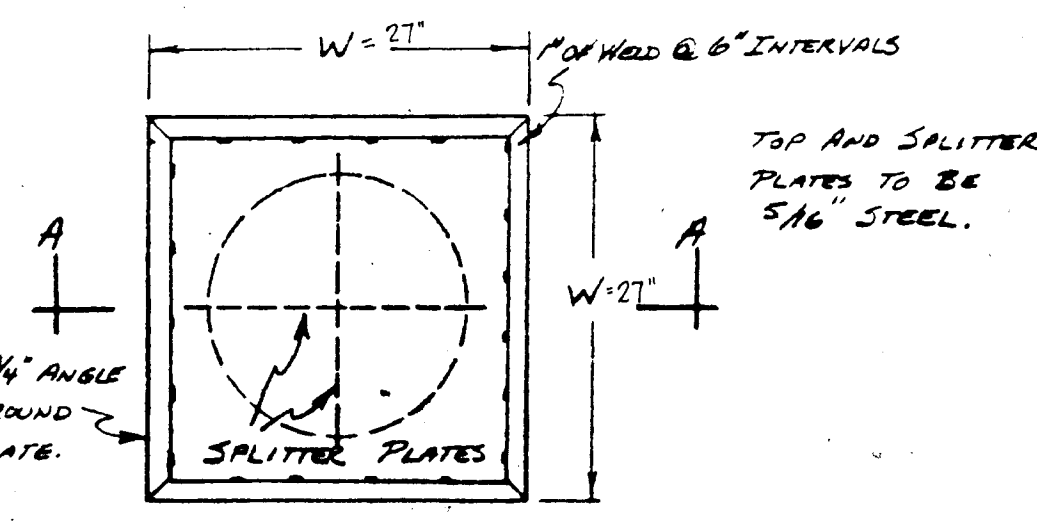
STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)



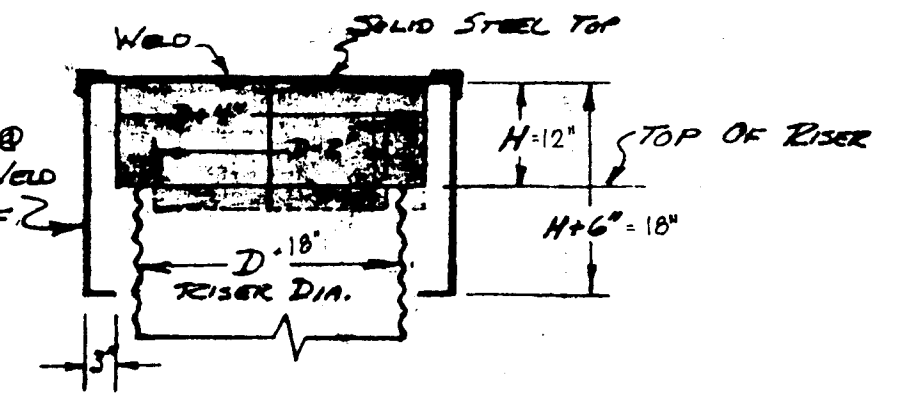
PAVING SECTION P-1



HANDICAPPED PARKING SIGN

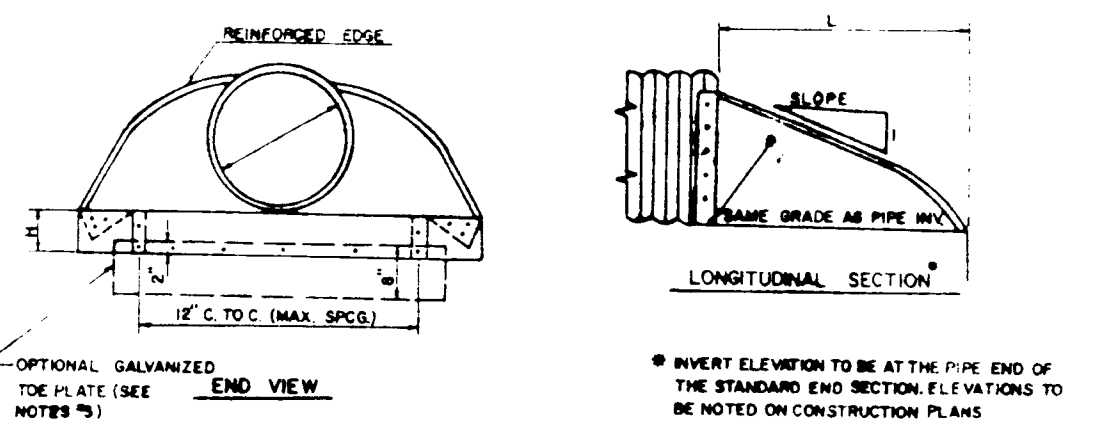


PLAN VIEW OF TRASH GUARD - ANTI VORTEX DEVICE



SECTION AA

- NOTES:**
1. PAINT ASST. USING 2 COATS RED LEAD AND 2 COATS ALUMINUM.
 2. FASTEN ASST. TO RISER USING ANGLES BOLTED TO SPLITTER PLATES AND VERTICAL RISER PIPE.
 3. SET TOP OF ASST. LEVEL WHEN INSTALLING ON RISER.



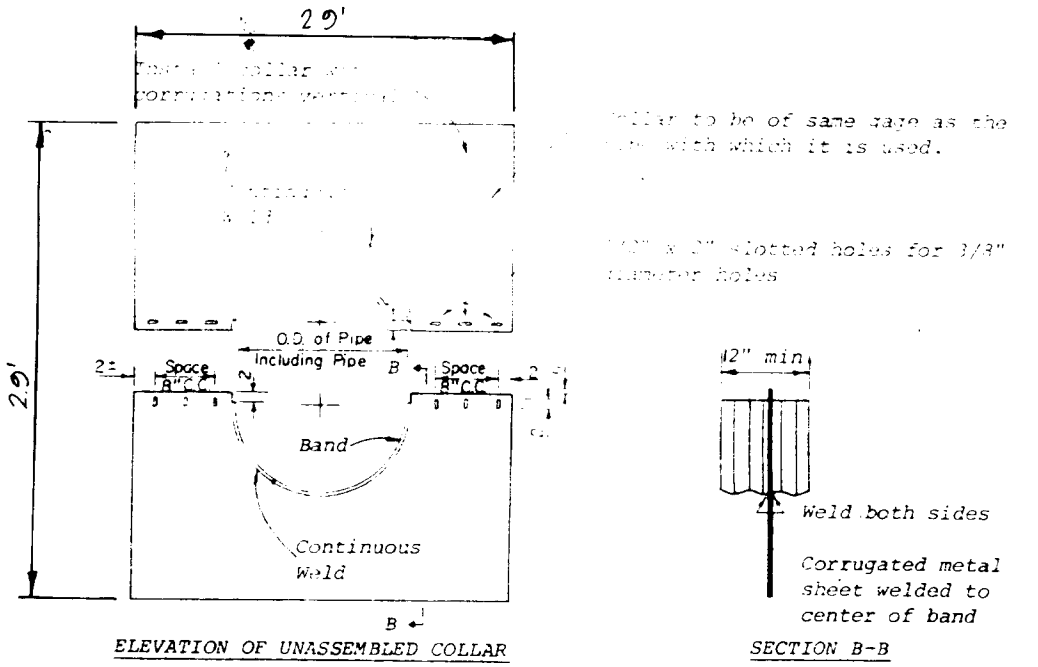
METAL END SECTION

PIPE DIA.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING & BUILDING PERMIT
2. NOTIFY THE H.C. BUREAU OF LICENSE INSPECTIONS & PERMITS AND THE CONSTRUCTION INSPECTION DIVISION 24 HOURS PRIOR TO GRADING OPERATIONS
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES SITE & SW
4. INSTALL 8" W.I.P. RAIN, EJECT SPRINGS AND USE AS SEDIMENT TRAPPING CONSTRUCTION
5. RUSH GRADE REMAINDER OF SITE APPLY TEMPORARY STABILIZATION
6. INSTALL SEPTIC SYSTEM
7. CONSTRUCT BUILDING HAVE PARKING AREA
8. FINE GRADE APPLY PERMANENT STABILIZATION
9. CLEAN OUT SEDIMENT BASIN RESTORE TO DESIGN CONDITION DISPOSE OF SEDIMENT IN A SITE WITH APPROVED SEDIMENT CONTROL BY THE SOIL CONSERVATION SERVICE. CONSULT WITH INSPECTORS APPROVAL ONLY
10. REMOVE TEMPORARY SEDIMENT CONTROL MEASURES WITH APPROVAL OF THE H.C. BUREAU OF LICENSE INSPECTIONS AND PERMITS.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS	
<i>M.H.K. S.M.</i>	4-2-84
U.S. SOIL CONSERVATION SERVICE	DATE
THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT	
<i>Robert W. Ziehm</i>	4-2-84
SOIL CONSERVATION DISTRICT	DATE
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	
<i>Joseph Byrne</i>	4-9-84
COUNTY HEALTH OFFICER	DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>Thomas L. Harrieh</i>	4-11-84
PLANNING DIRECTOR	DATE
<i>John M. Murchison</i>	4-11-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE
APPROVED FOR DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Shirley F. Nemy</i>	4-5-84
DIRECTOR	DATE
<i>Robert W. Ziehm</i>	4-4-84
CHIEF, BUREAU OF ENGINEERING	DATE



CORRUGATED METAL ANTI-SLIP COLLAR DETAIL

TRASH RACK DETAIL

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul Newcomer, Agent 9/13/83
DEVELOPER DATE

ENGINEER'S CERTIFICATE

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Rossio L. Prince 10/25/83
ENGINEER DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-18-83
M.H.K.

OWNER/DEVELOPER
UPPER CHESAPEAKE FARM CREDIT SERVICE
c/o PAUL NEWCOMER, GEN. MANAGER
P.O. BOX 648
BEL AIR, 21014

TITLE: PROFILES & DETAILS			
PROJECT: PARCEL 'A' - BOWMAN PROPERTY			
LOCATION: 3RD ELECTION DISTRICT	TAX MAP: 15	HOWARD COUNTY, MD	
DATE: MAY, 1983	SCALE: 1" = 20'	DESIGN BY: J.J.B.	CHECKED BY: D.M.P.
		DRAWN BY: R.D.M.	APPROX. BODY: 2 OF 2
			JOB NO.: 83076
boender associates		engineers	
3525 COURTHOUSE SQUARE - SUITE A		surveyors	
ELLCOTT CITY, MARYLAND 21043		planners	
301 465 7777			