

GENERAL NOTES:

NOTE: ALL BLDGS. SHALL BE USED FOR LEAD STORAGE, RETAIL SALES, OFFICE SERVICE/REPAIRS USES SHALL NOT BE ESTABLISHED ON THIS SITE WITHOUT OFFICE OF PLANNING & ZONING APPROVAL.

- AREA OF PARCEL: 2.607 ACRES ±
PROPOSED OPEN SPACE: 0.702 ACRES ± %OPEN SPACE 26.93%
FIRST FLOOR SPACE: 34,500 ±
SECOND FLOOR SPACE: 7,350 ± (BLDG. #3 ONLY)
- ZONING - M-1
- EMPLOYEES: 1 (ONE) ON SITE
- PARKING SPACES: 8 PROPOSED
- ALL PROPOSED ROADS ARE PRIVATE.

SQUARE FOOTAGE PER BLDG.	BLDG. 1: 2500 ±	BLDG. 2: 1,500 ±	BLDG. 3: 2520 ±	BLDG. 4: 2,740 ±	BLDG. 5: 4,000 ±	BLDG. 6: 4,100 ±	BLDG. 7: 4,550 ±
			FIRST FLOOR: 7350 ±				
			SECOND FLOOR: 7350 ±				

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND AND STORM DRAINAGE SYSTEMS AND ROADS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Mark E. Neman 3-29-83
DIRECTOR DATE

William S. Ray 3-29-83
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT

John J. Ellis 3-29-83
COUNTY HEALTH OFFICER S.S. DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

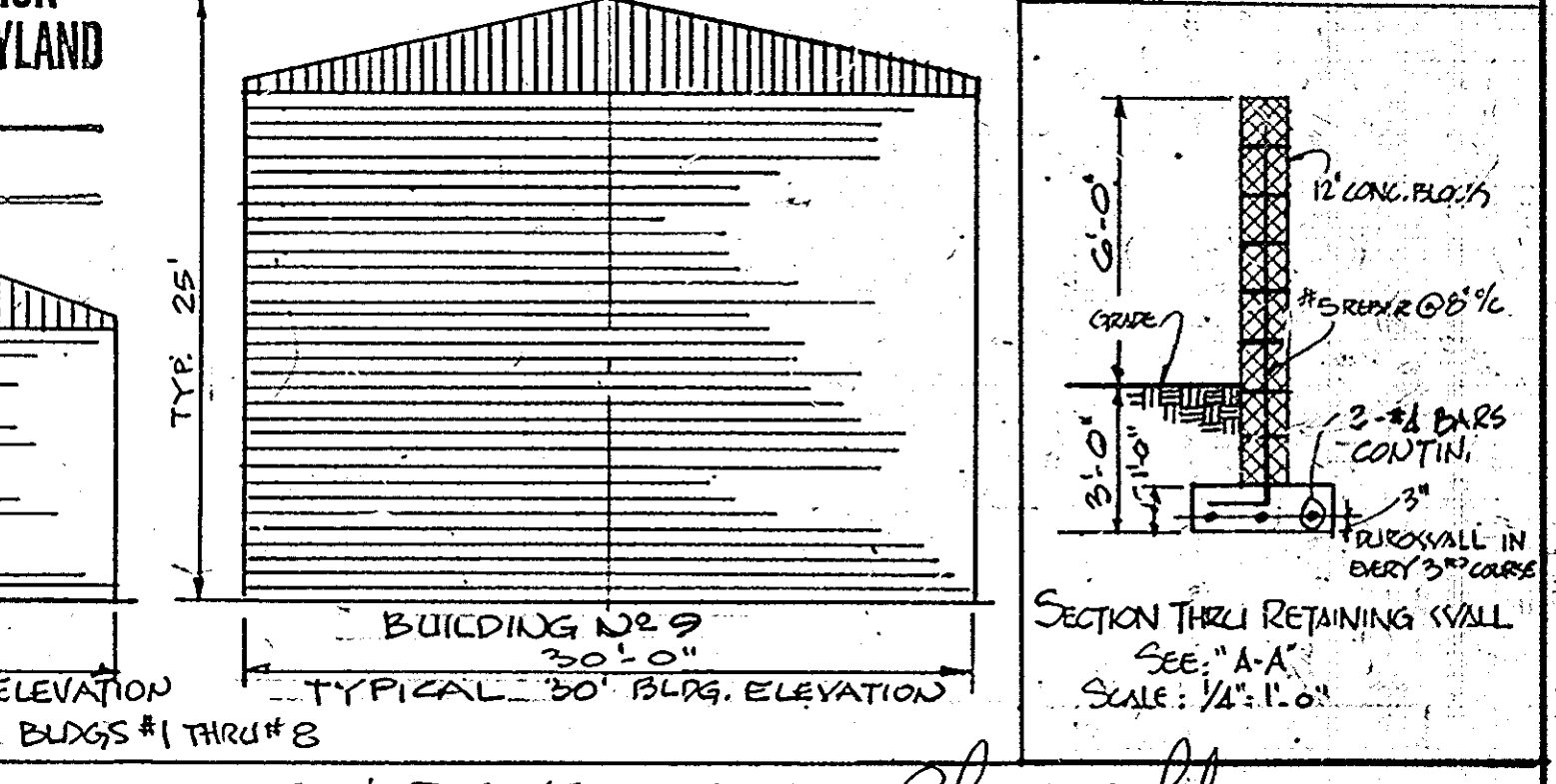
Thomas J. Hamish 3-30-83
PLANNING DIRECTOR DATE

William S. Ray 3-30-83
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

SECTION NUMBER	ROAD AND STREET CLASSIFICATIONS	PAVEMENT FULL DEPTH EXH. CONC. ACT.	MATERIALS GRANULAR BASE ALTERNATES
P-1	PARKING AREA APARTMENT AND COMMERCIAL INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE 1" BIT. CONC. BASE	1" BIT. CONC. SUBBASE 2" BIT. CONC. BASE PRIME 5" CRUSHED RUN BASE COURSE OR 4" FINE GRADED STABILIZED ASPHALT BASE COURSE

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY, MARYLAND DATE 12-6-82

MS/AM



OWNER & DEVELOPER: *Charles G. Scherr*
CHARLES G. SCHERR TEL. # 944-5914
701 FERN VALLEY CIRCLE, BALTIMORE, MARYLAND 21207

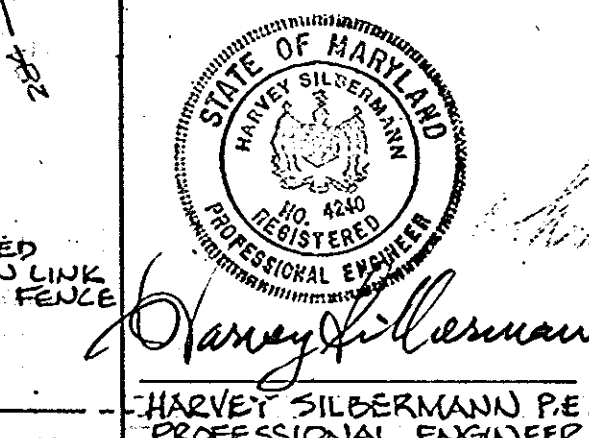
COASTAL MINI-STORAGE WAREHOUSES

SILBERMANN & ASSOCIATES *engineers planners surveyors*
661-5888
1703 E. JOPPA ROAD, BALTIMORE, MARYLAND 21234

HOWARD COUNTY, MARYLAND

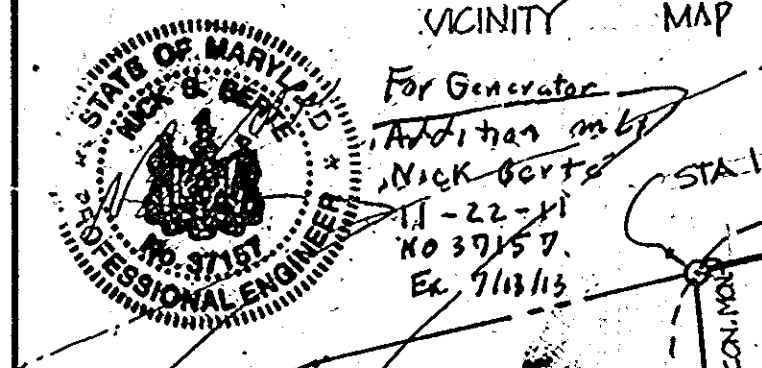
SITE DEVELOPMENT PLAN 2.607 ± AC. PARCEL
WATERLOO ROAD - OLD MD #175 - NOV. MD #957

Drawn By: HARVEY SILBERMANN Contract No.:
Designed By: H. SILBERMANN Scale: 1" = 20'
Reviewed By: R.M. Sheet 1 of 4



Revisions

12-15-82	GENERAL	H.S. Δ
10-27-83	Add monopole	
5-22-87	Changed height of monopole to 113'	
12-14-87	Add Generator on Concrete Pad	
11-23-87	Add Generator on Concrete Pad	



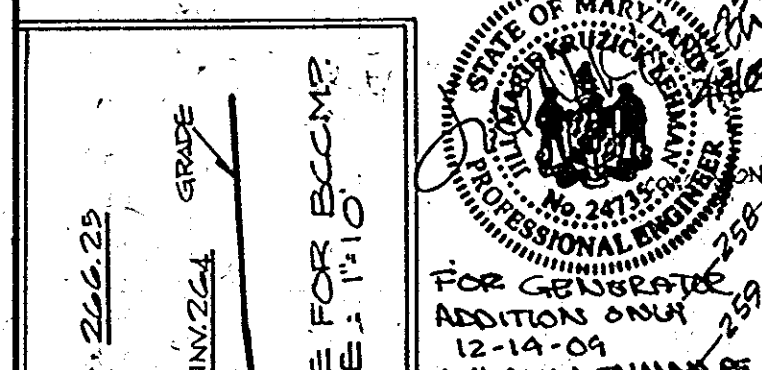
For Generator Addition on by Nick Bertz 11-22-81 No. 3715 E. 91113

Proposed Diesel Generator on Proposed 5'x11' concrete Foundation

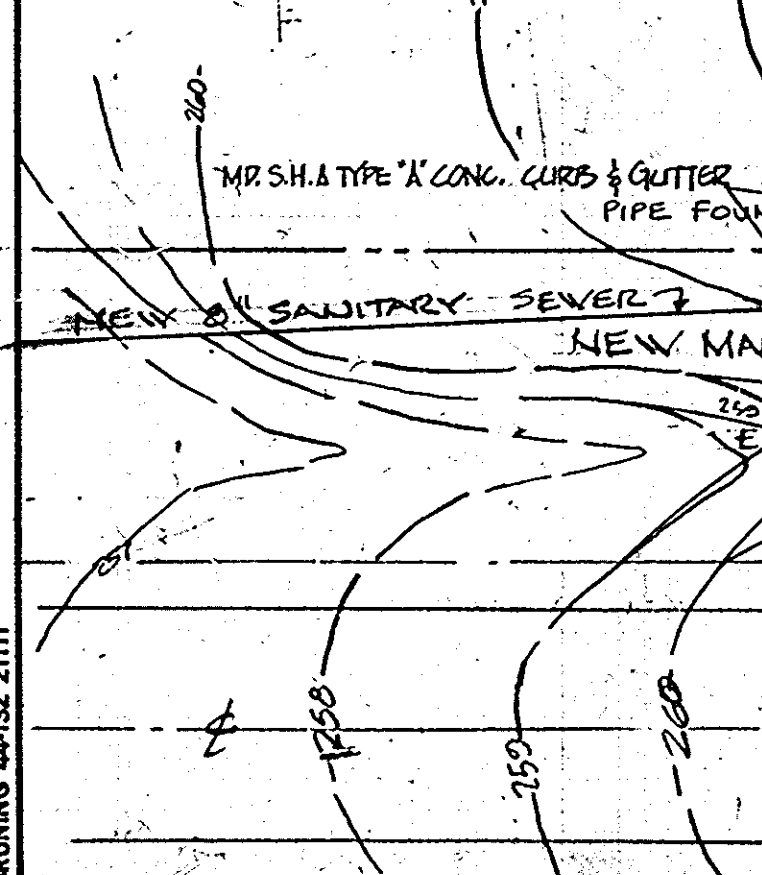
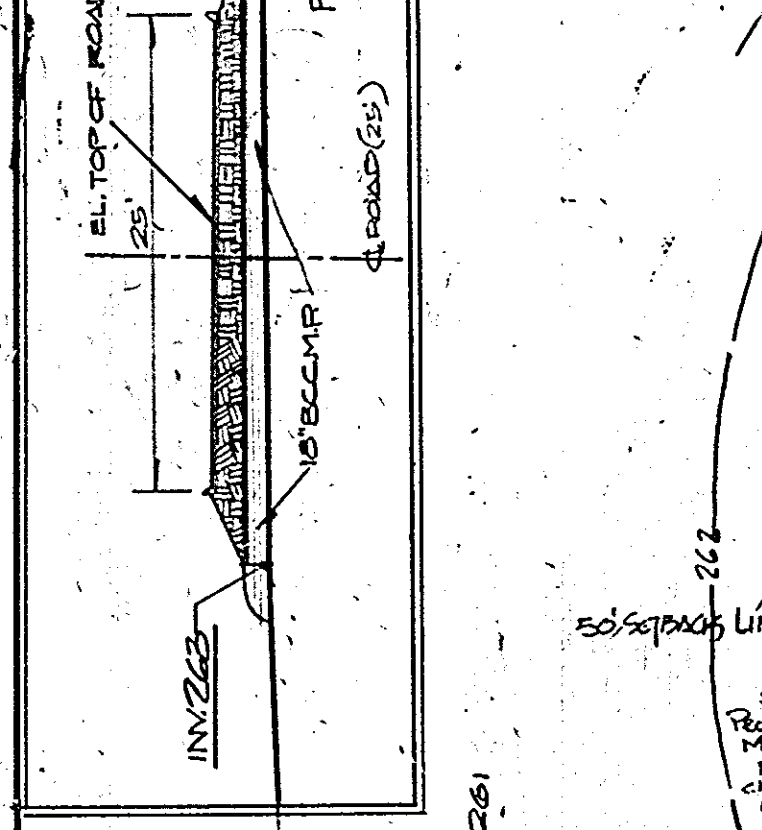
C.G. GARVEY ET AL.
523 1238
1876 ACRES
ZONING: M-1

EDGE OF EXISTING PAVING PROP. 9'2" x 2'3" x 7'1" GENERATOR ON 6' x 12'5" CONCRETE PAD

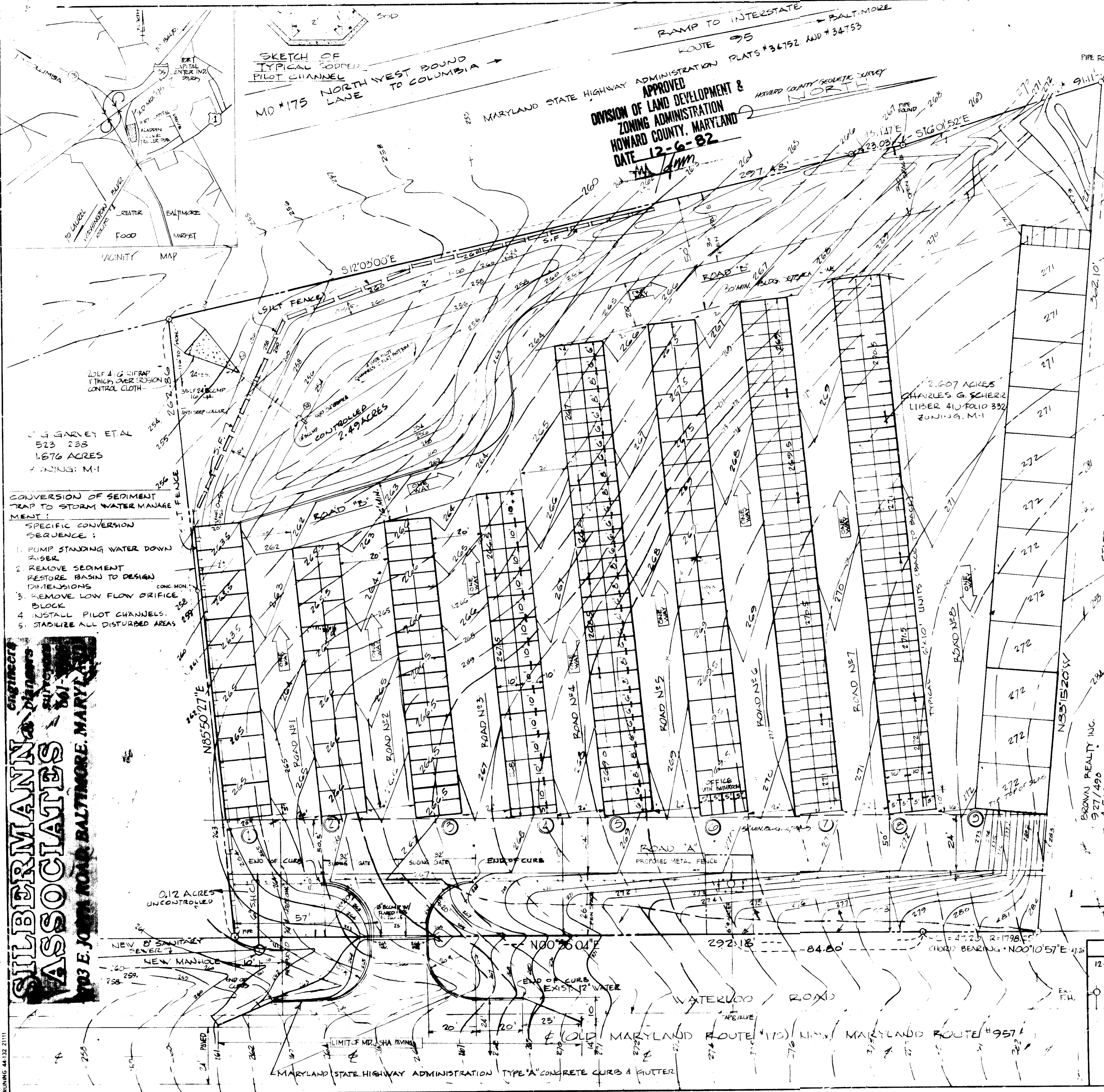
EDGE OF EXISTING BUILDING



For Generator Addition ONLY 12-14-87 1111 N. K. LEMANN, P.E. MD. REG. NO. 24185 EXP. 1/15/2011



SILBERMANN ASSOCIATES
 ENGINEERS & ARCHITECTS
 703 E. JONES ROAD BALTIMORE, MARYLAND



- CONVERSION OF SEDIMENT TRAP TO STORM WATER MANAGEMENT:
- SPECIFIC CONVERSION SEQUENCE:
1. PUMP STANDING WATER DOWN RISER
 2. REMOVE SEDIMENT RESTORE BASIN TO DESIGN DIMENSIONS
 3. REMOVE LOW FLOW ORIFICE BLOCK
 4. INSTALL PILOT CHANNELS
 5. STABILIZE ALL DISTURBED AREAS

G. GARVEY ET AL
 523 238
 1.676 ACRES
 ZONING: M-1

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-6-82

DEVELOPER
 I 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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD COUNTY SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

Charles G. Scherr
 DATE

ENGINEER
 I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL PRESENTS 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 COUNTY SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD COUNTY SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

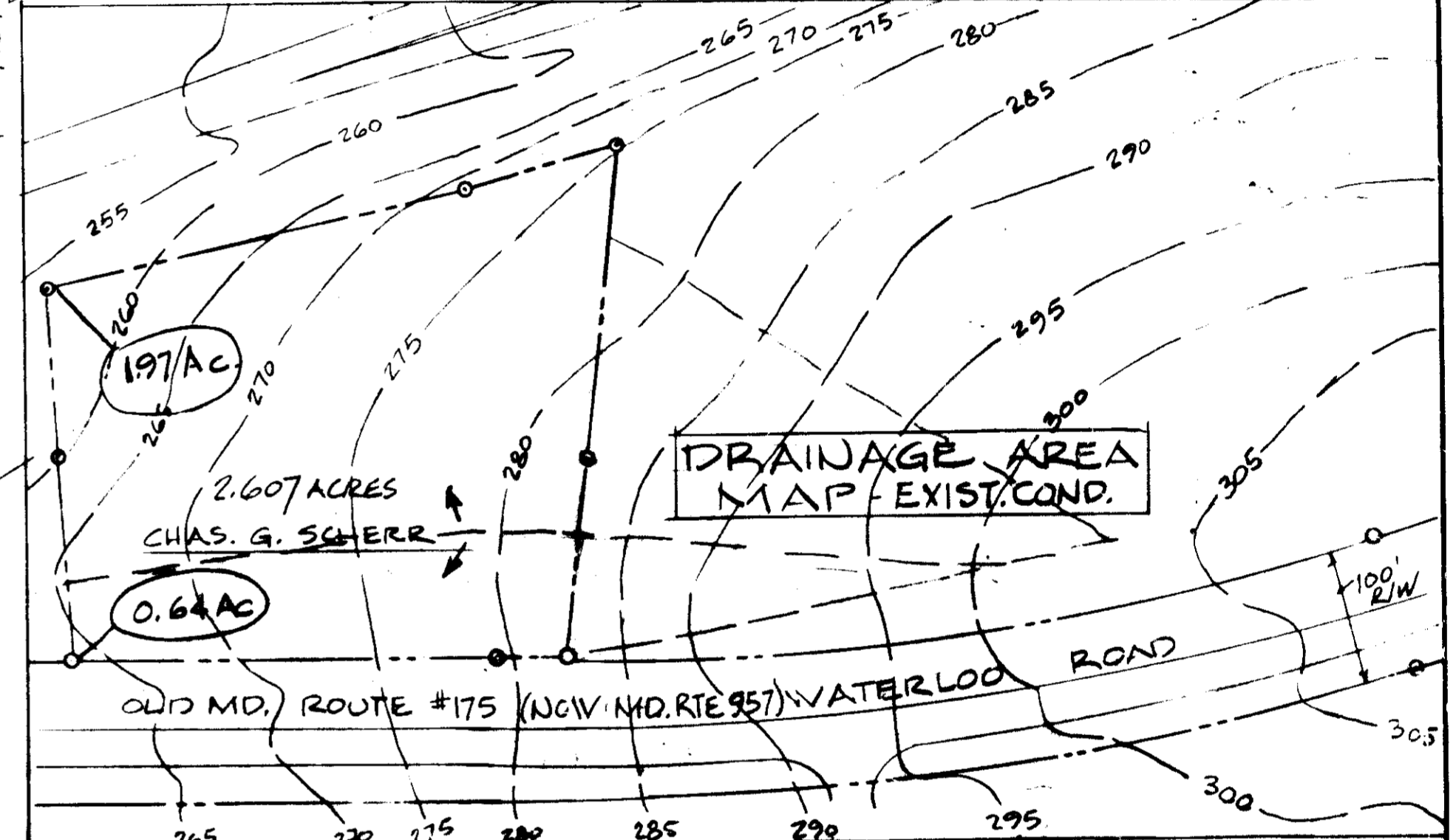
Harvey Silberman, P.E.
 PROFESSIONAL ENGINEER
 DATE

U.S. SOIL CONSERVATION SERVICE
 THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Harvey Silberman
 U.S. SOIL CONSERVATION DISTRICT
 DATE

HOWARD SOIL CONSERVATION SERVICE
 THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Harvey Silberman
 HOWARD SOIL CONSERVATION DISTRICT
 DATE



CONSTRUCTION SEQUENCE: 1. INSTALL SILT FENCE ON SOUTH & PART OF WEST PROPERTY LINES AS SHOWN. 2. EXISTING CONSTRUCTION ENTRANCE A. GRADE ENTIRE SITE. B. CONSTRUCT BLDGS. C. BUILD ROADS & PAVED AREAS. 7. STABILIZE ALL DISTURBED AREAS. 8. CONVERT SEDIM. TRAP TO STORM MGMT.

THE ENTIRE SITE IS DRAINAGE THROUGH THE DRAINAGE POND ON THE SITE AND DIVERTS ALL OFF-SITE DRAINAGE BY A RETAINING WALL ON THE NORTH SIDE OF THE PROPERTY. THE DRAINAGE FACTOR IS 0.205. TOTAL AREA 2.607 ACRES.

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

Michelle Nimm
 DIRECTOR
 DATE

APPROVED FOR THE PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

James H. Ziegler
 COUNTY HEALTH OFFICER
 DATE

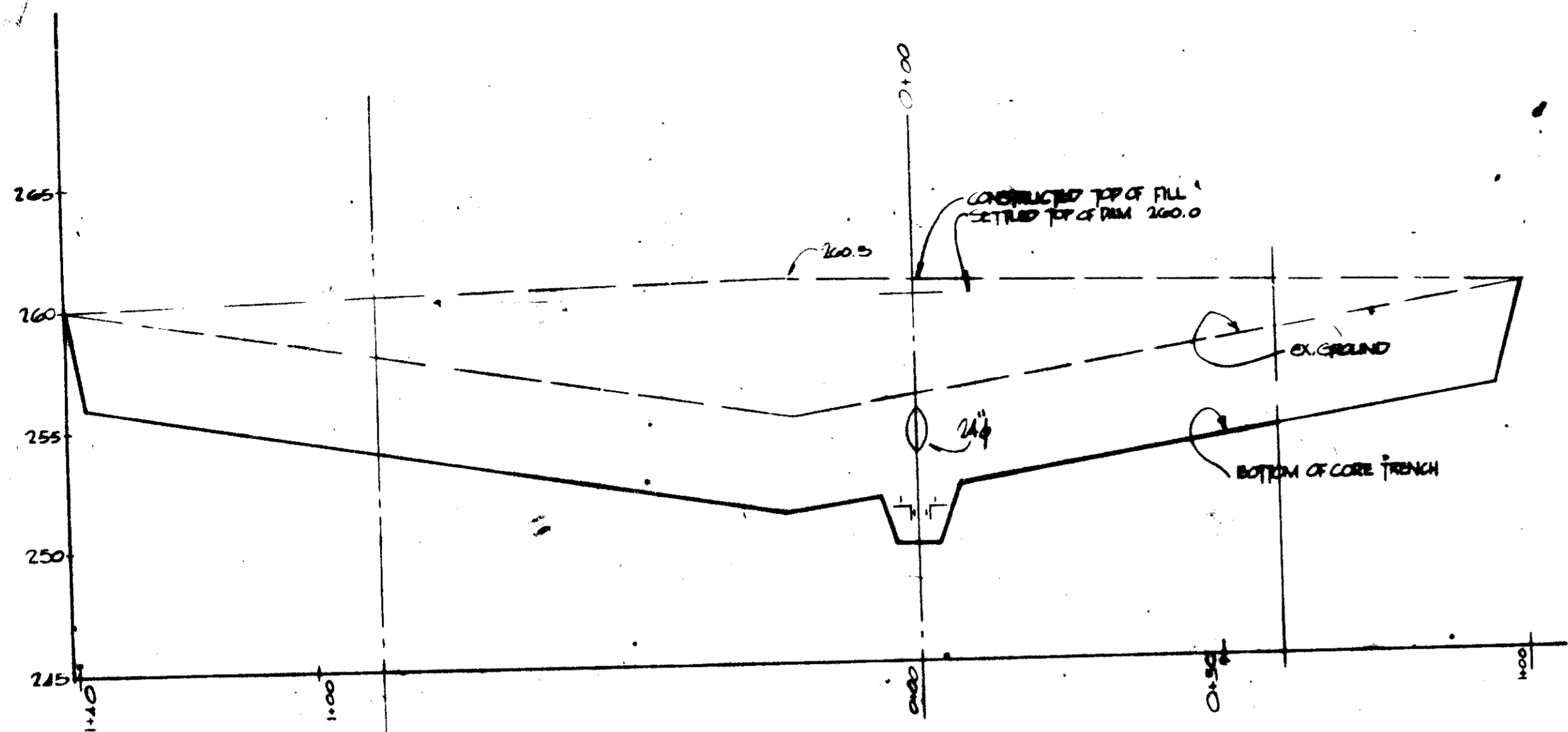
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James H. Ziegler
 PLANNING DIRECTOR
 DATE

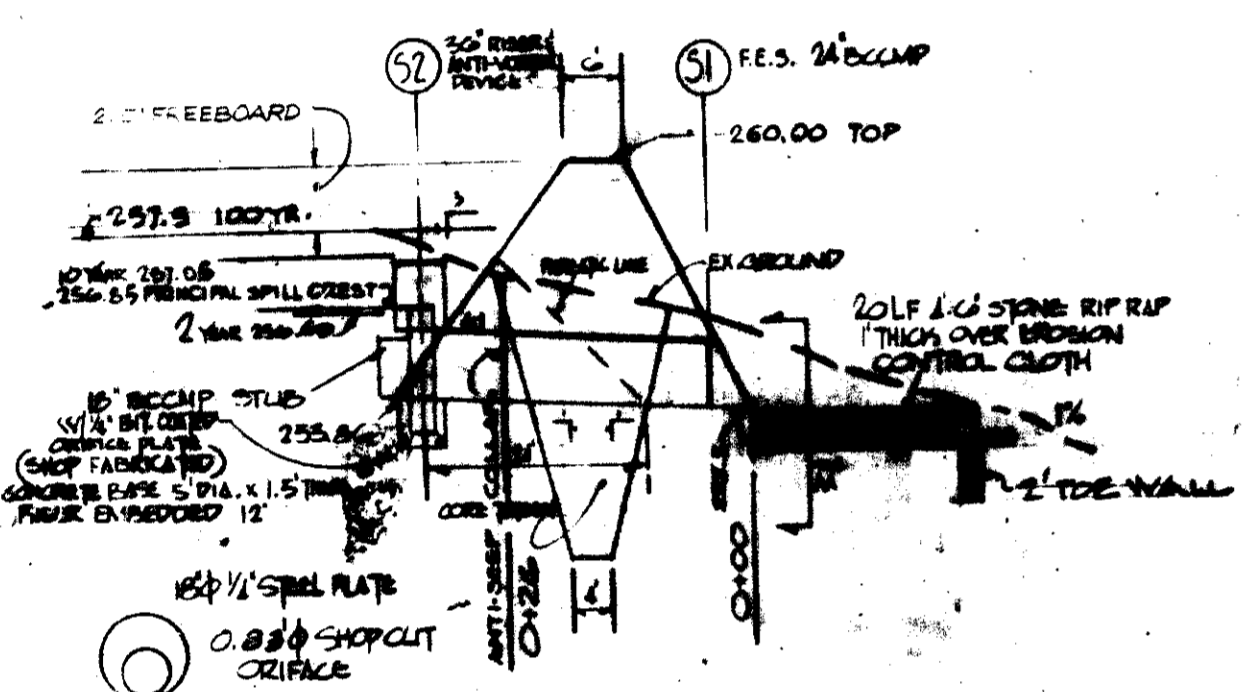
Harvey Silberman
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING
 DATE

DEVELOPER & OWNER: Charles G. Scherr
 CHARLES G. SCHERR, 701 FERN VALLEY CIRCLE
 BALTIMORE, MARYLAND 21207 (944-5914)

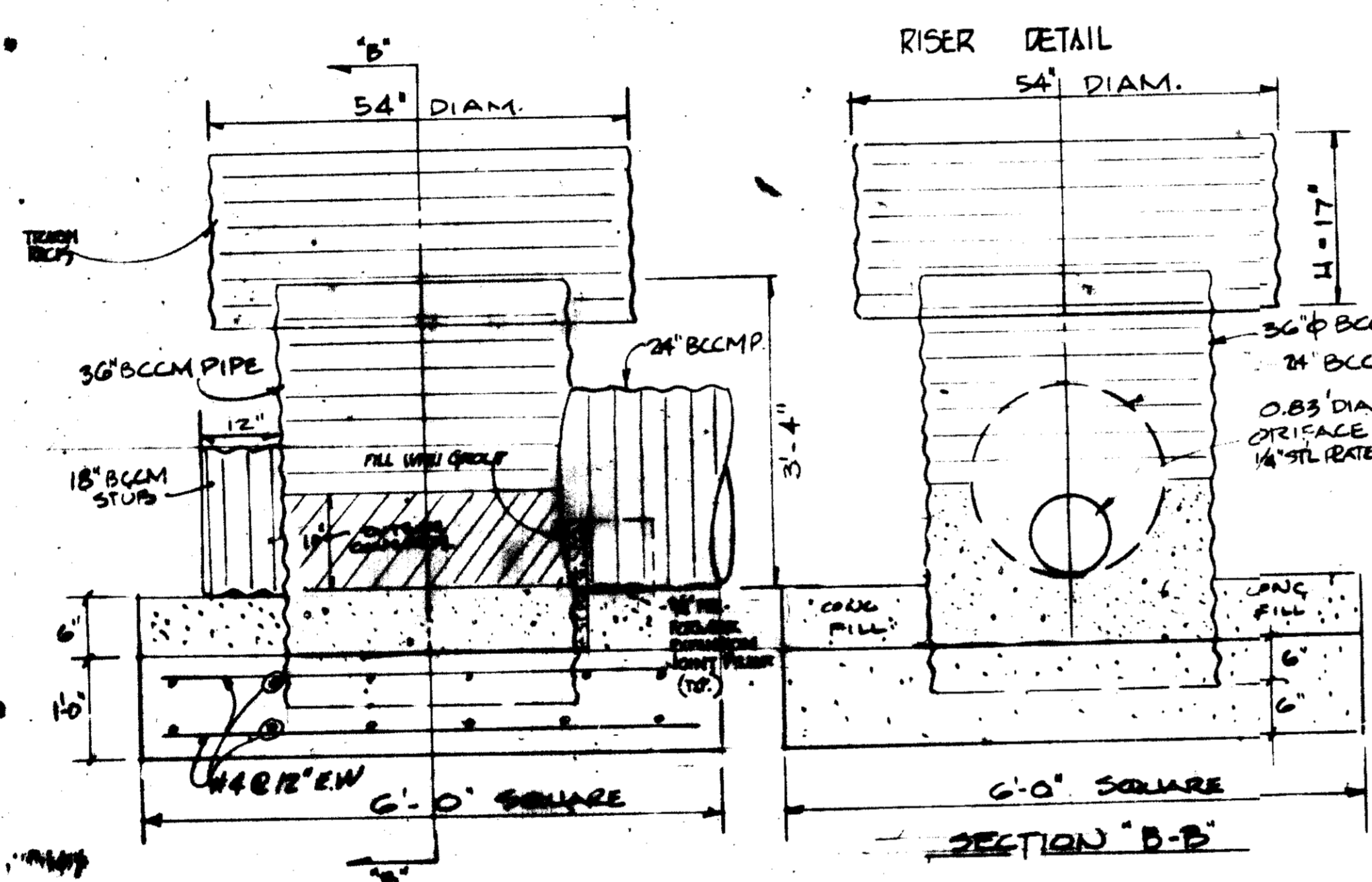
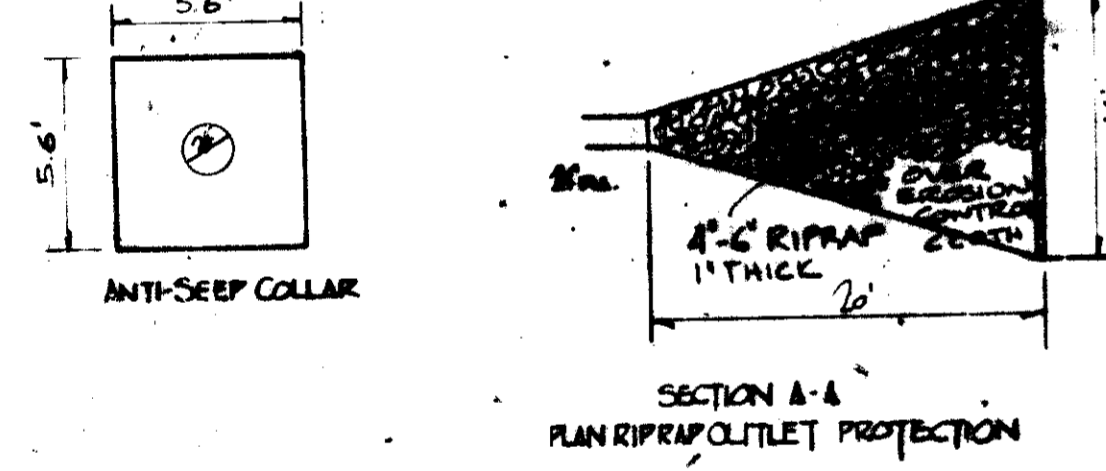
Revisions		HOWARD COUNTY, MARYLAND	
12-15-82	GENERAL	H.S.A.	SEDIMENT CONTROL & DETENTION POND 2.607 ACRES WATERLOO ROAD - OLD MD #175 - NOW MD #957
		Drawn By: HARVEY SILBERMANN	CONTRACT NO.:
		Designed By: H. SILBERMANN	Scale: 1" = 20'
		Reviewed By: R.M.	Sheet 2 OF 4
COASTAL MINI-STORAGE WAREHOUSES			



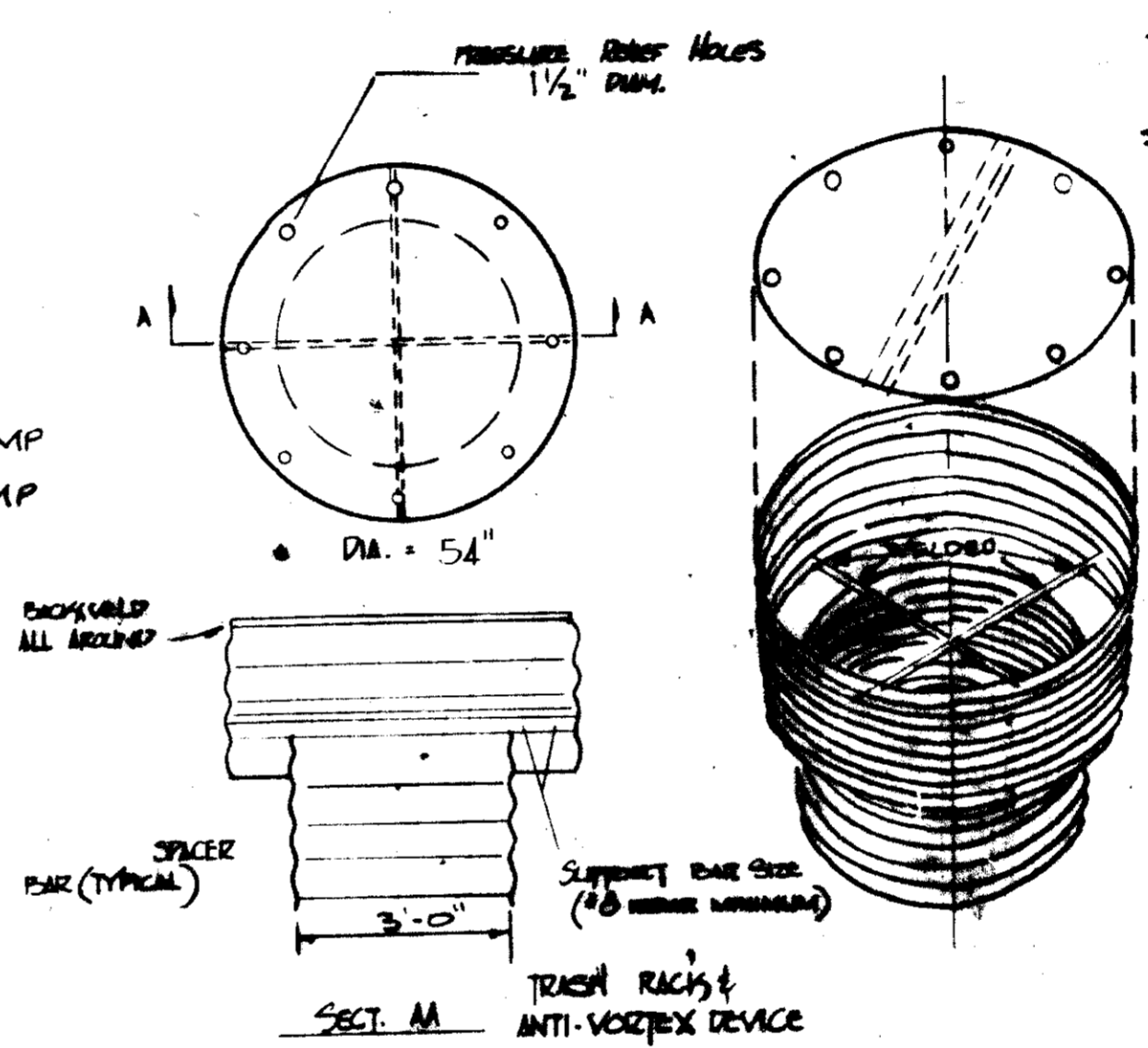
PROFILE ALONG EMBANKMENT
SCALE: HOR. 1"=20' VERT. 1"=5'



OUTLET STRUCTURE



RISER DETAIL
SCALE: 3/4"=1'-0"



TOP REINFORCING BEAM IS 1 1/2" x 1 1/2" x 1/2" ANGLE WELDED TO TOP AND SEATED PERPENDICULAR TO CORRUGATIONS.
TOP IS 12 GAGE CORRUGATED METAL OR 1/8" STEEL PLATE PRESSURE RELIEF HOLES MAY BE QUANTIFIED, IF ENDS OF CORRUGATIONS ARE LEFT FULLY OPEN WHEN CORRUGATED TOP IS WELDED TO CYLINDER. CYLINDER IS 16 GAGE CORRUGATED FROM 1/8" STEEL PLATE.

NOTES:
1. THE CYLINDER MUST BE FIRMLY RESTORED TO THE TOP OF THE RISER.
2. SUPPORT BEAMS ARE WELDED TO THE TOP OF THE RISER OR ATTACHED BY STRAPS BOLTED TO TOP OF RISER.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-6-82
HMM

OWNER & DEVELOPER
CHARLES G. SCHERK
701 FERN VALLEY CIRCLE
PALTINORE, MARYLAND 21207
(TEL. # 944-5914)

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPT. OF PUBLIC WORKS
M. F. NUNN
DIRECTOR
3-29-83
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Joseph Bond
COUNTY HEALTH OFFICER
3-29-83
DATE

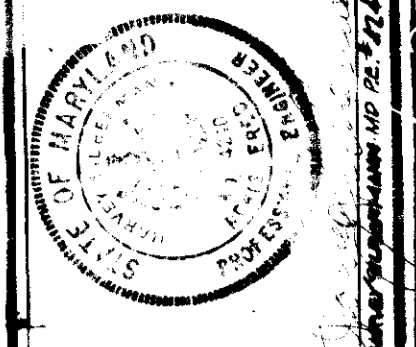
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
M. F. NUNN
PLANNING DIRECTOR
3-30-83
DATE

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
M. F. NUNN
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
3-30-83
DATE

I/WE HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE ZONING APPLICATION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE RESUMING THE PROJECT. THE SEDIMENT CONTROL INSPECTOR IS AUTHORIZED TO ENTER THE PROPERTY AT ANY TIME.

Charles G. Scherk
DEVELOPER (CHARLES G. SCHERK) DATE

ENGINEER'S CERTIFICATION
I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Harvey Goldmann
NOV 19 1982
DATE
HARVEY GOLDBERMAN, P.E.
PROFESSIONAL ENGINEER, MARYLAND PE 124140

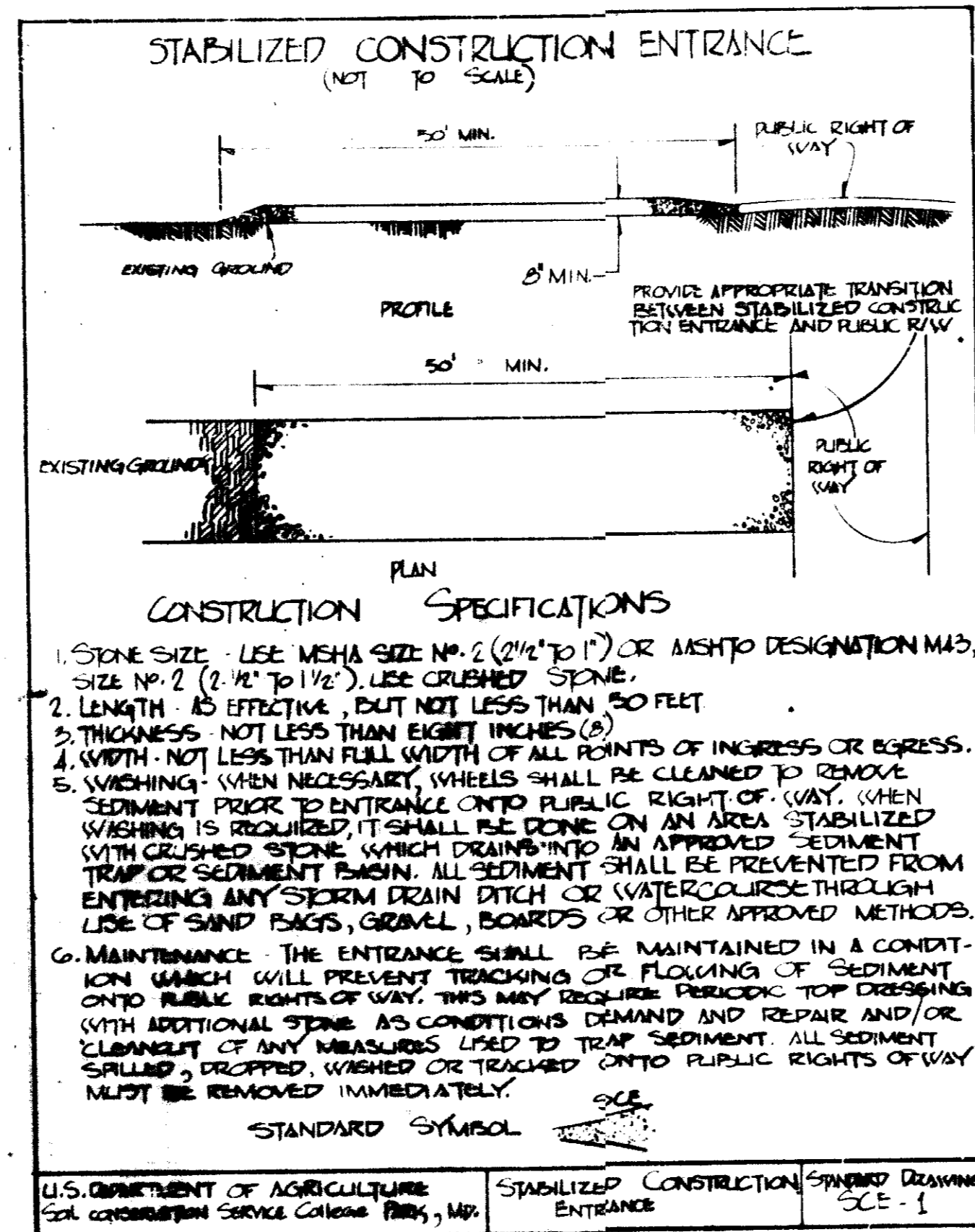
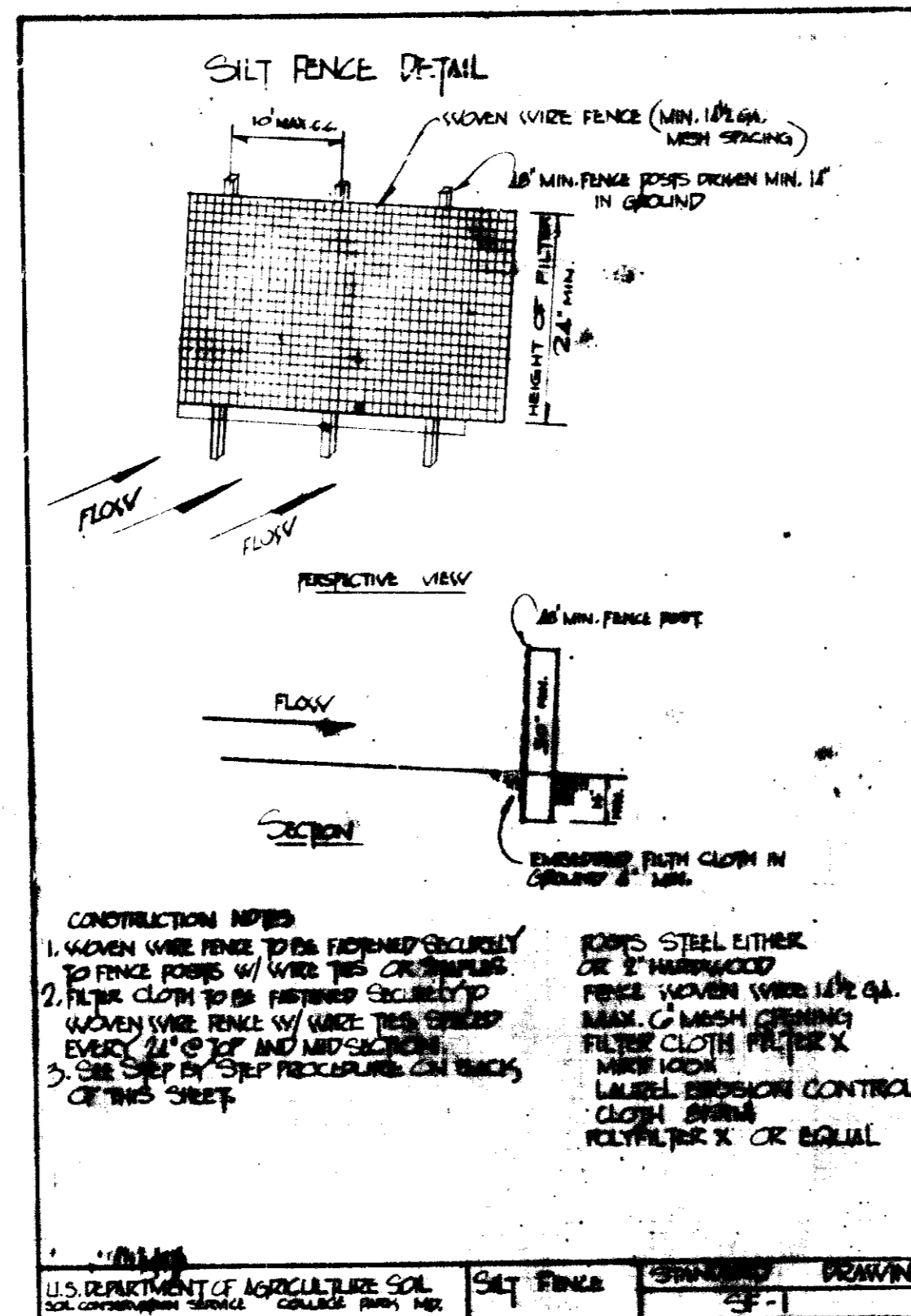
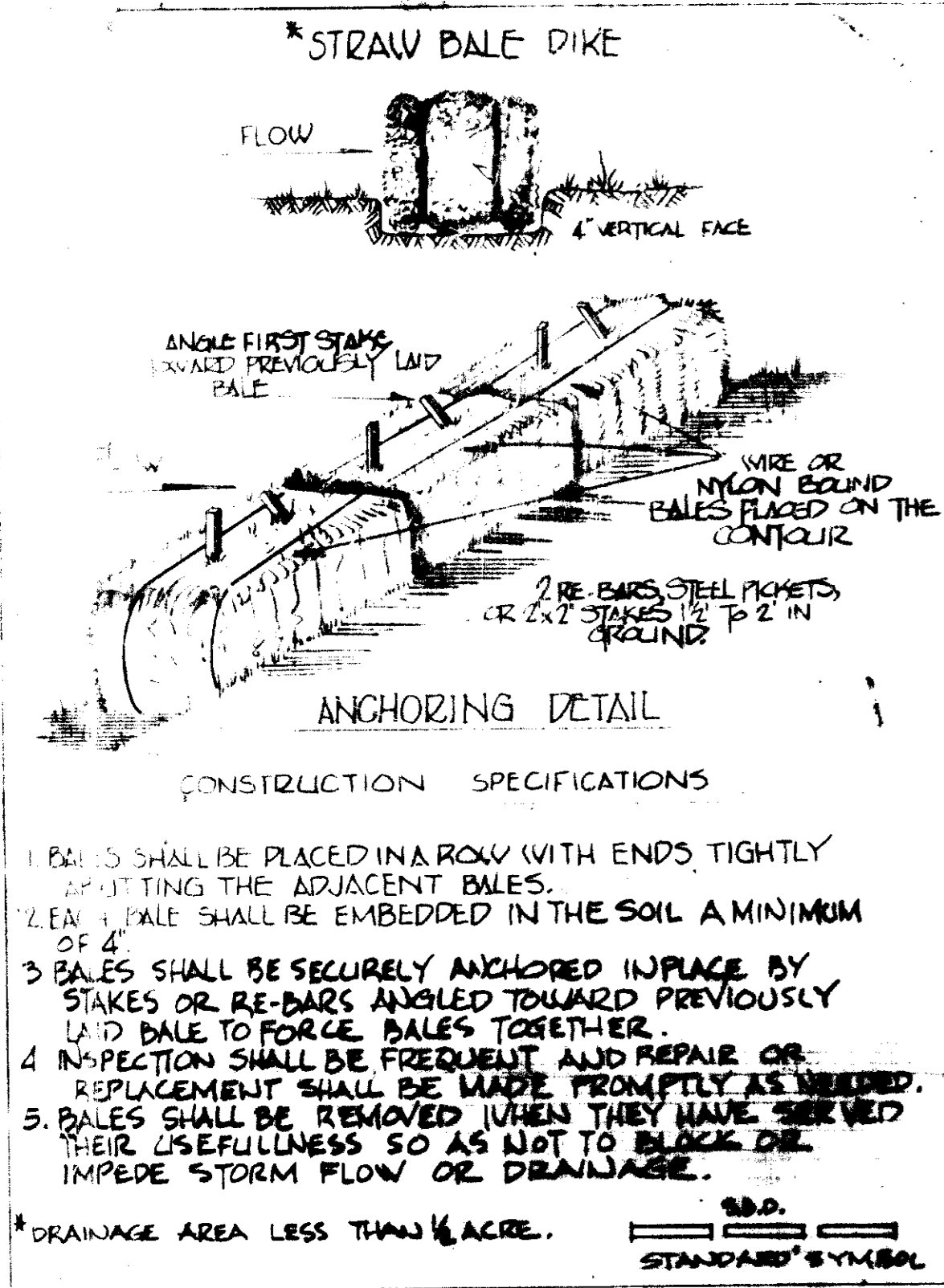


COASTAL MINI-STORAGE WAREHOUSES

SCALE: AS NOTED
SHEET 3 OF 4
DATE: OCT. 20, 1982
HMM

MINI-STORAGE WAREHOUSES
STORM WATER DETENTION POND
- SPECIFICATIONS & DETAILS

OLD WATERLOO ROAD - MARYLAND #175
HOWARD COUNTY, MARYLAND
CHARLES G. SCHERK
PAX MAP 43 PARCEL 548 ELECT. DISTRICT 1
SDP-83-40



ENGINEER'S CERTIFICATION

I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

James J. Morrison

PROFESSIONAL ENGINEER NO. 4340 DATE

DEVELOPER'S CERTIFICATION

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION SHALL HAVE A CERTIFICATE OF ATTENDANCE @ A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE PERIODIC ON SITE INSPECTIONS BY HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED REPRESENTS AS DEEMED NECESSARY.

Charles G. Scherz

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAIN SYSTEMS & ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

John F. Nunnery 3-29-83
DIRECTOR DATE

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

John Egan 3-29-83
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Shamuel Daniel 3-30-83
PLANNING DIRECTOR DATE

William M. ... 3-30-83
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

WE HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE @ A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT AND THE SEDIMENT CONTROL INSPECTOR IS AUTHORIZED TO ENTER THE PROPERTY AT ANY TIME.

Charles G. Scherz

DEVELOPER DATE

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAINING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 2 TONS PER ACRE LIMESTONE (500 LBS./1,000 SQ. FT.) HARROW OR DISC LIMB AND FERTILIZER INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING APPLY 100 LBS. PER ACRE OF 20-0-0 LIQUOROUS FERTILIZER AND 500 LBS. PER ACRE OF 20-0-0 LIQUOROUS FERTILIZER.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2 1/2 TONS PER ACRE (3 1/2 LBS./1,000 SQ. FT.) OF HYBRID BROMEGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 28, SEED WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (1) USE 500. OPTION (2) SEED 500 LBS./ACRE HYBRID BROMEGRASS AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 100 LBS./1,000 SQ. FT.) OF UNFERTILIZED SMALL STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 100 GALLONS PER ACRE (5 GALLONS/1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 3 FEET OR HIGHER, USE 500 GALLONS PER ACRE (5 GALLONS/1,000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDBED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS, AND RE-SEEDING.

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES BY DISCING, RAINING, OR OTHER ACCEPTABLE MEANS.

SOIL AMENDMENTS: APPLY 500 LBS. PER ACRE (5 LBS./1,000 SQ. FT.) OF 10-20-10 FERTILIZER.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHELS PER ACRE (3 1/2 LBS./1,000 SQ. FT.) OF ANNUAL RYE. DURING THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS./ACRE 10-07 LBS./1,000 SQ. FT. OF UNFERTILIZED SMALL STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 100 GALLONS PER ACRE (5 GALLONS/1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 3 FEET OR HIGHER USE 500 GALLONS PER ACRE (5 GALLONS/1,000 SQ. FT.) FOR ANCHORING.



COASTAL MINI-STORAGE WAREHOUSES

SCALE: AS SHOWN
SHEET 4 OF 4
DATE: OCT. 20, 1982

MINI-STORAGE WAREHOUSES
EROSION CONTROL
SPECIFICATIONS & DETAILS

OWNER & DEVELOPER:
CHARLES G. SCHERZ
707 FERN VALLEY CIRCLE
BALTIMORE, MARYLAND 21207 (TEL. *944-5914)

OLD WATERLOO ROAD - MARYLAND #175
HOWARD COUNTY MARYLAND
CHARLES G. SCHERZ
TAX MAP 15 PARCEL 548 ELEC. DISTRICT 1

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-6-82
William M. ...