SEDIMENT CONTROL NOTES

1. 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.
2. APPLY FOR GRADING PERMIT.
3. NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS.
4. CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE.
5. CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM.
6. ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE.
7. 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.
8. SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS.
9. STABILIZATION MEASURES

TEMPORARY STABILIZATION:

APPLY: 4000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. OR 11.5 LBS./1000SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.

PERMANENT STABILIZATION:

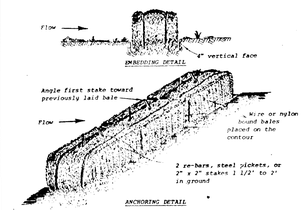
APPLY: 4000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE.
500 LBS./AC. OF 10-10-10 FERTILIZER.

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.

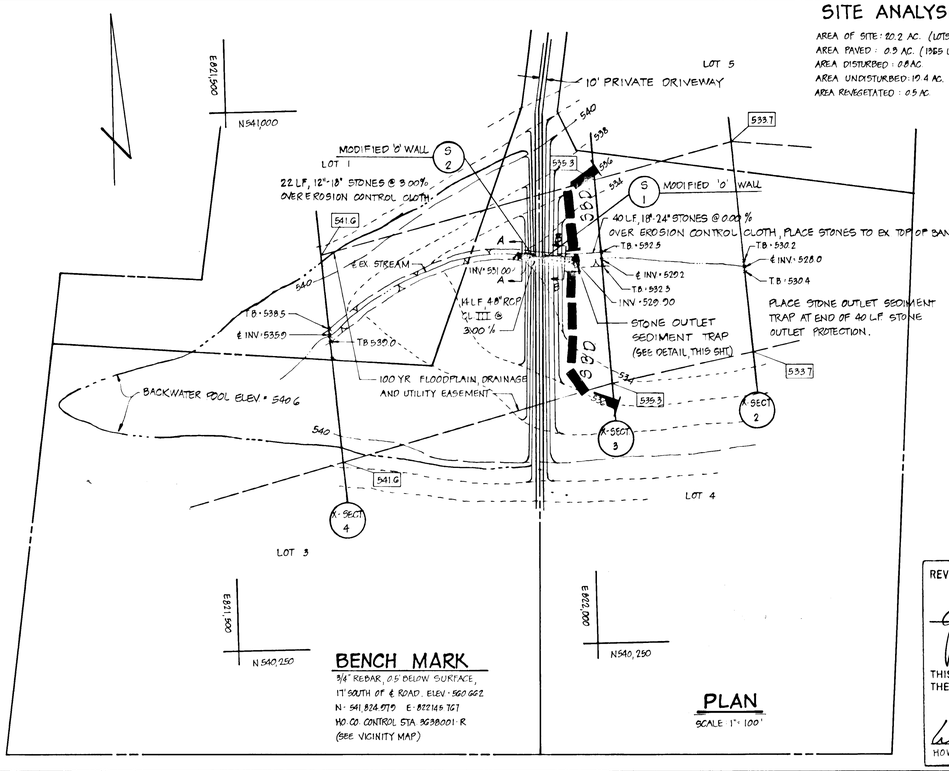
PLAN — SURVEYED / PLOTTED / NOTE BOOK / No. — ALIGNMENT CHECKED / GRADES CHECKED / R/W & LOT LOCATIONS CHECKED — BY — DATE



FOR SPECS SEE S.C.S. DETAIL SBD-1, PG. 13-01

STRAW BALE DIKE - S.B.D.

NOT TO SCALE



PLAN

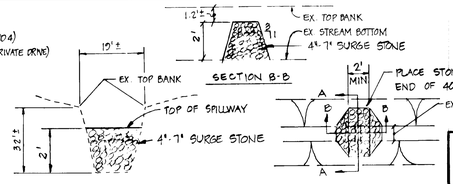
SCALE: 1" = 100'

BENCH MARK

3/4" REBAR, 0.5 BELOW SURFACE, 17' SOUTH OF ℄ ROAD. ELEV · 560.662
N · 541,824.975 E · 822,145.767
HO. CO. CONTROL STA 3638001-R
(SEE VICINITY MAP)

SITE ANALYSIS

AREA OF SITE: 20.2 AC. (LOTS 3 AND 4)
AREA PAVED: 0.9 AC. (1365 LF ± PRIVATE DRIVE)
AREA DISTURBED: 0.8 AC.
AREA UNDISTURBED: 19.4 AC.
AREA REVEGETATED: 0.5 AC.



SECTION A-A

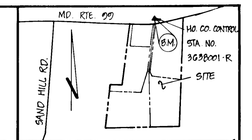
PLAN

STONE OUTLET SEDIMENT TRAP

NOT TO SCALE

VICINITY MAP

SCALE: 1" = 1200'



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.

ENGINEER - LARRY L. YEAGER, P.E. 10575 — DATE 8/25/82

DEVELOPER'S CERTIFICATE

"I/WE 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 ATTENDANCES AT A DEPT. 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

DEVELOPER - DATE

APPROVED DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING — DATE 10-18-82

APPROVED OFFICE OF PLANNING AND ZONING

ACTING CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 10-14-82

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE — DATE 10-12-82

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 10-12-82

OWNER & DEVELOPER

MIKE BOSWELL
11805 ROUTE 99
MARRIOTTSVILLE, MD 21104

TITLE: CULVERT UNDER PRIVATE DRIVEWAY PLAN AND PROFILE
PROJECT: BOSWELL PROPERTY - LOTS 1 THRU 5
LOCATION: 3RD ELECTION DISTRICT — HOWARD COUNTY, MD.

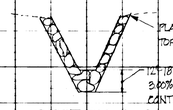
DATE:	DESIGN BY:	DRAWN BY:	CHECKED BY:
SEPT., 1982	L.L.Y.	J.J.B.	L.L.Y.
SCALE: AS SHOWN	JOB NO.: 81018	DRAWING NO.: 1 OF 1	

boender associates
engineers, surveyors planners
BALTIMORE 301 465 7777 ◆ SALISBURY 301 749 1286

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT
2. NOTIFY THE HO. CO. BUREAU OF LICENSE, INSPECTIONS AND PERMITS AND CONSTRUCTION INSPECTION/SURVEYS DIVISION 24 HRS. PRIOR TO GRADING OPERATIONS @ 792-7272 / 992-1738.
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (S.B.D. & STONE SEDIMENT TRAP).
4. INSTALL STORM DRAIN.
5. CONSTRUCT DRIVEWAY & FINE GRADE. APPLY PERMANENT STABILIZATION MEASURES.
6. REMOVE TEMPORARY SEDIMENT CONTROL MEASURES WITH APPROVAL OF HO. CO. BUREAU OF LICENSE, INSPECTIONS AND PERMITS.

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / R/W & LOT LOCATIONS CHECKED — NOTE BOOK — No. — BY — DATE

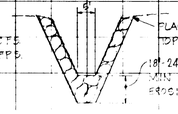


SECTION A-A

Q = CIA
D.A. = 22.2 AC.
C = 0.25 (5% IMP.)
I = 5.0'
Tc = 38 MIN.
Q25 = 0.25 × 5.0 × 22.2 = 33.5 CFS

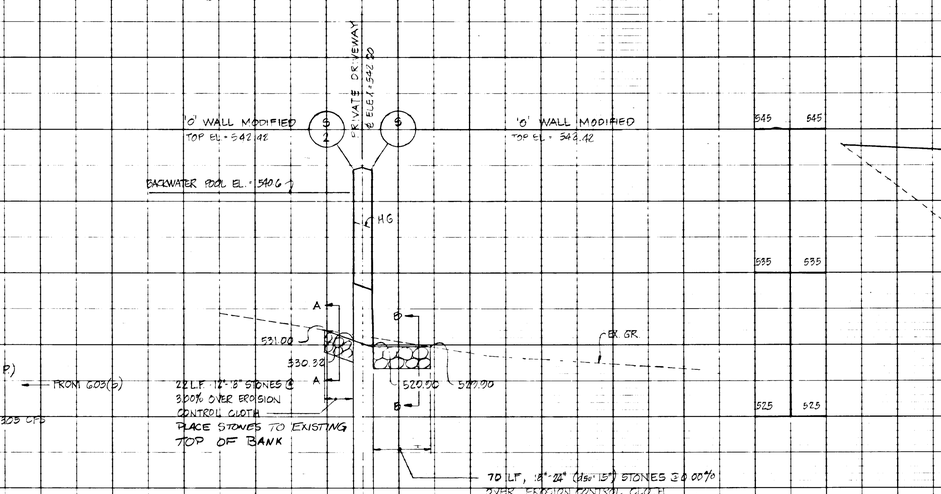
← FROM SCS(5)

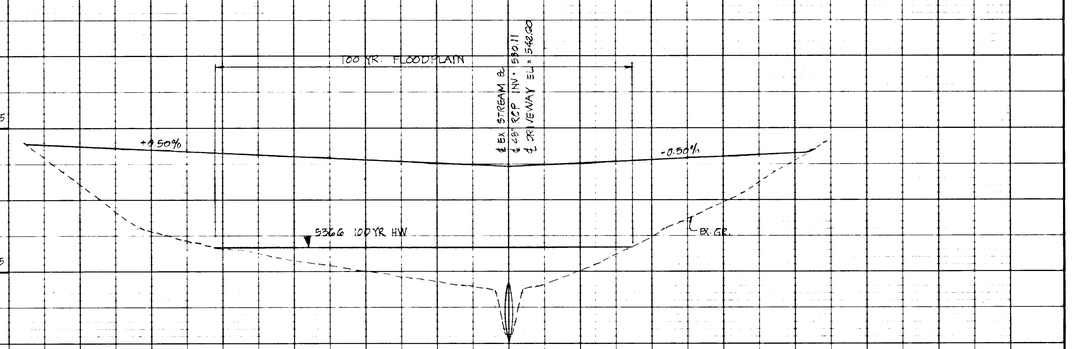
LENGTH OF STONES FROM END OF PIPE = 40 L.F. (TR. A. 3.00%, SCS MANUAL)



SECTION B-B

HYDRAULIC ENGINEERING CIRCULAR 10'S ← CAPACITY OF 18" PIPE = 130 CFS (control) > 130 FPS





DRIVEWAY PROFILE

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

#967

F-82-142