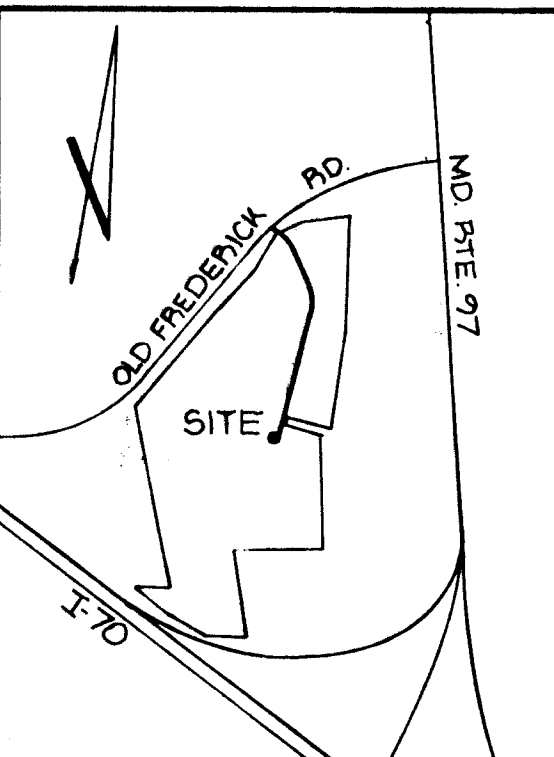
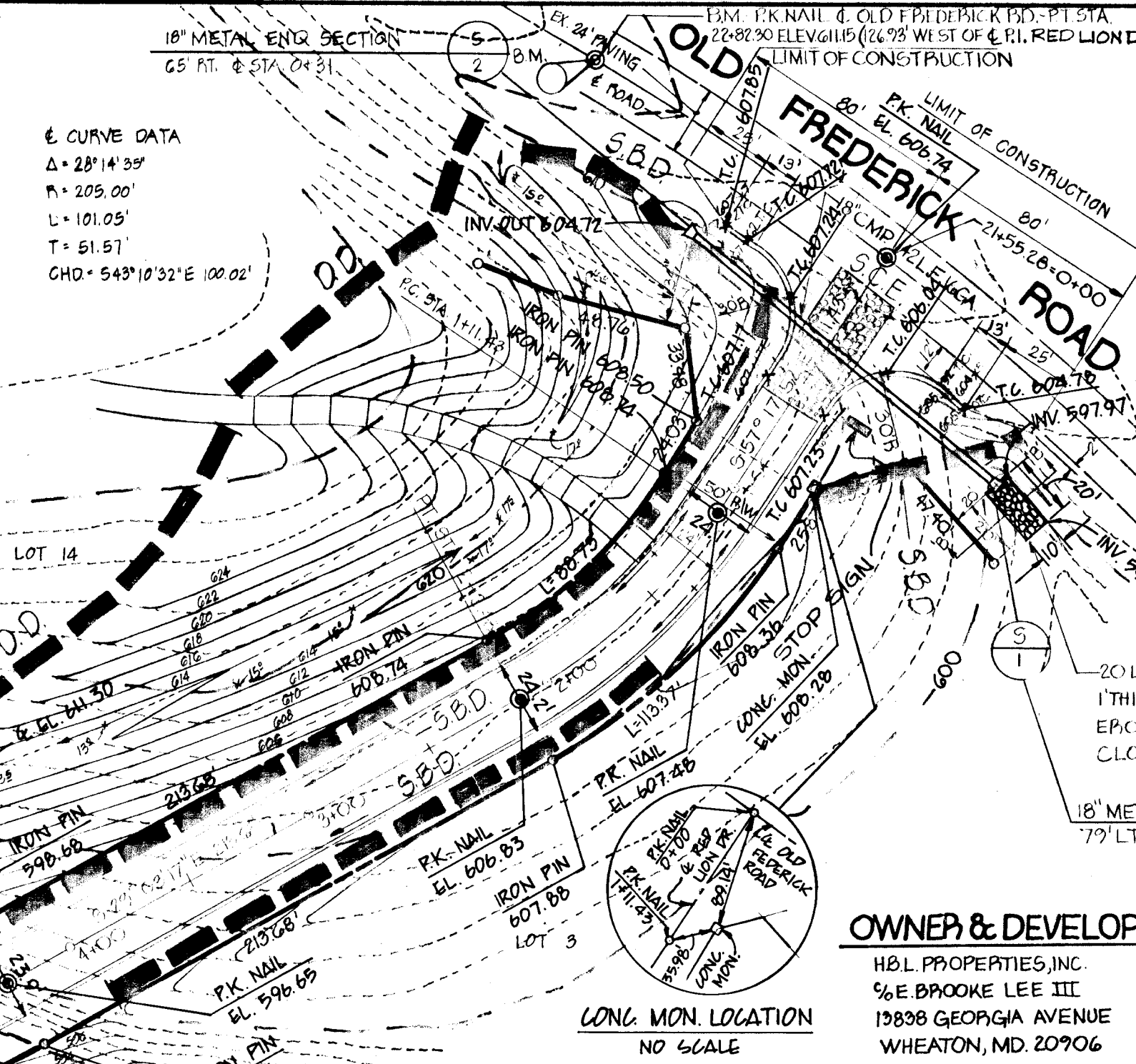


APPROVED DEPARTMENT OF PUBLIC WORKS
William E. Ray c118181
 CHIEF, BUREAU OF ENGINEERING DATE
 APPROVED OFFICE OF PLANNING AND ZONING
William J. Ray 6-10-81
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
William J. Ray 6-9-81
 U.S. SOIL CONSERVATION SERVICE DATE
 THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
William J. Ray 6-7-81
 HOWARD 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.
E. Brooks, Jr. III 3-30-81
 DEVELOPER DATE

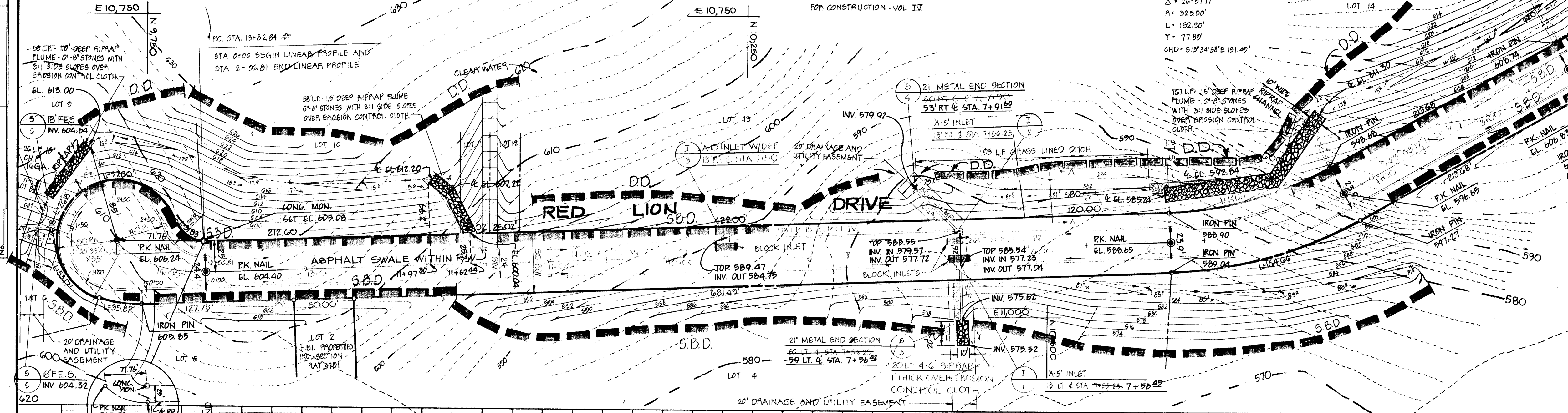
ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert M. ... 3-30-81
 ENGINEER DATE



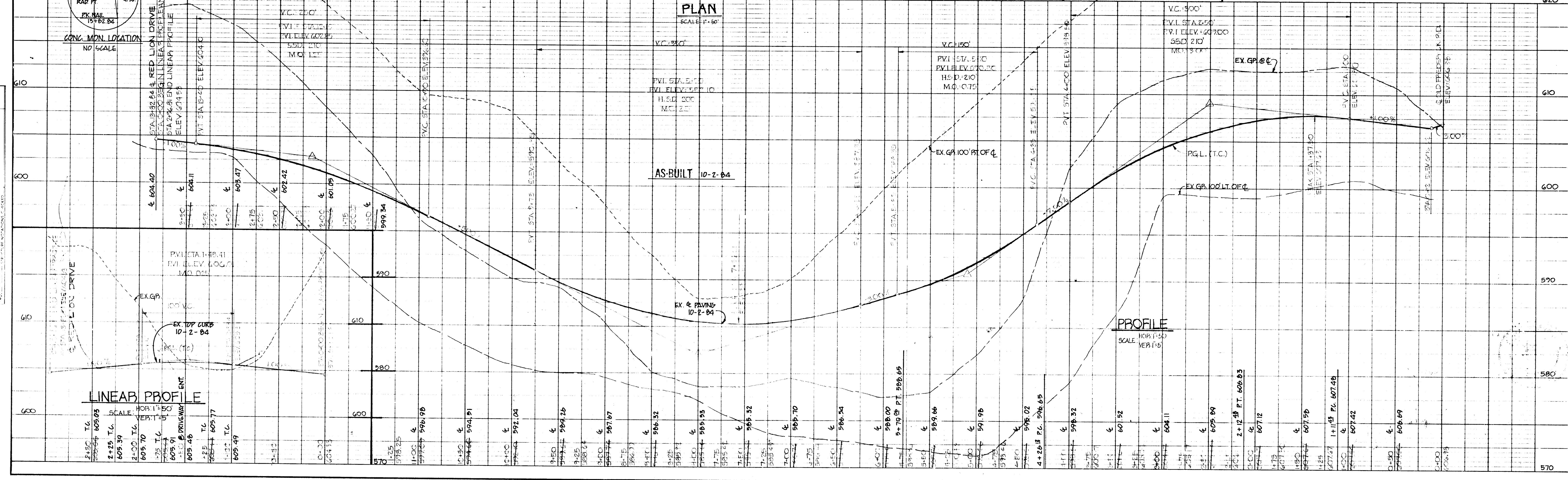
6 CURVE DATA
 $\Delta = 37^{\circ}37'45''$
 $R = 102.37'$
 $L = 69.92'$
 $T = 36.28'$
 $CHD = S 16^{\circ}43'53'' W 68.08'$

6 CURVE DATA
 $\Delta = 26^{\circ}51'17''$
 $R = 225.00'$
 $L = 152.90'$
 $T = 77.80'$
 $CHD = S 19^{\circ}34'38'' E 151.40'$

NOTE:
 ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION - VOL. III

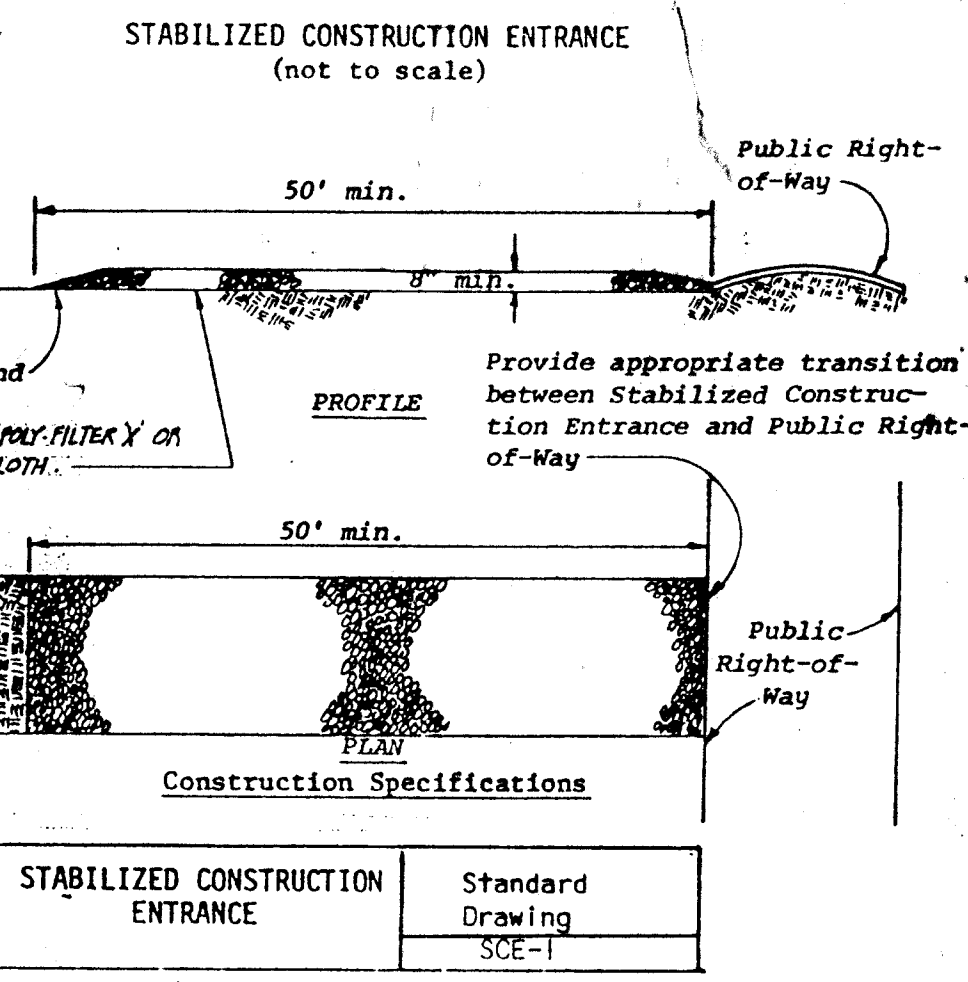
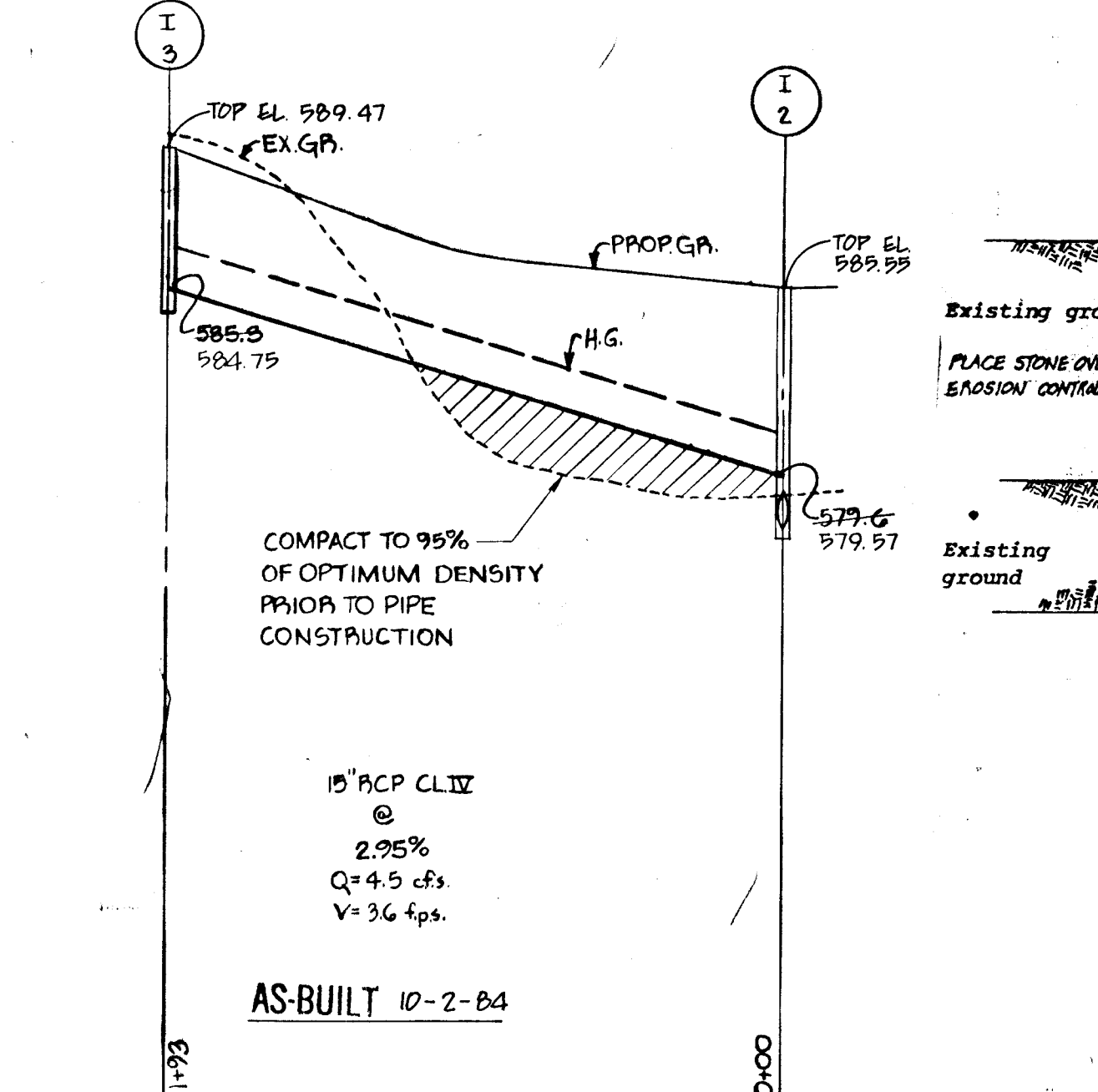
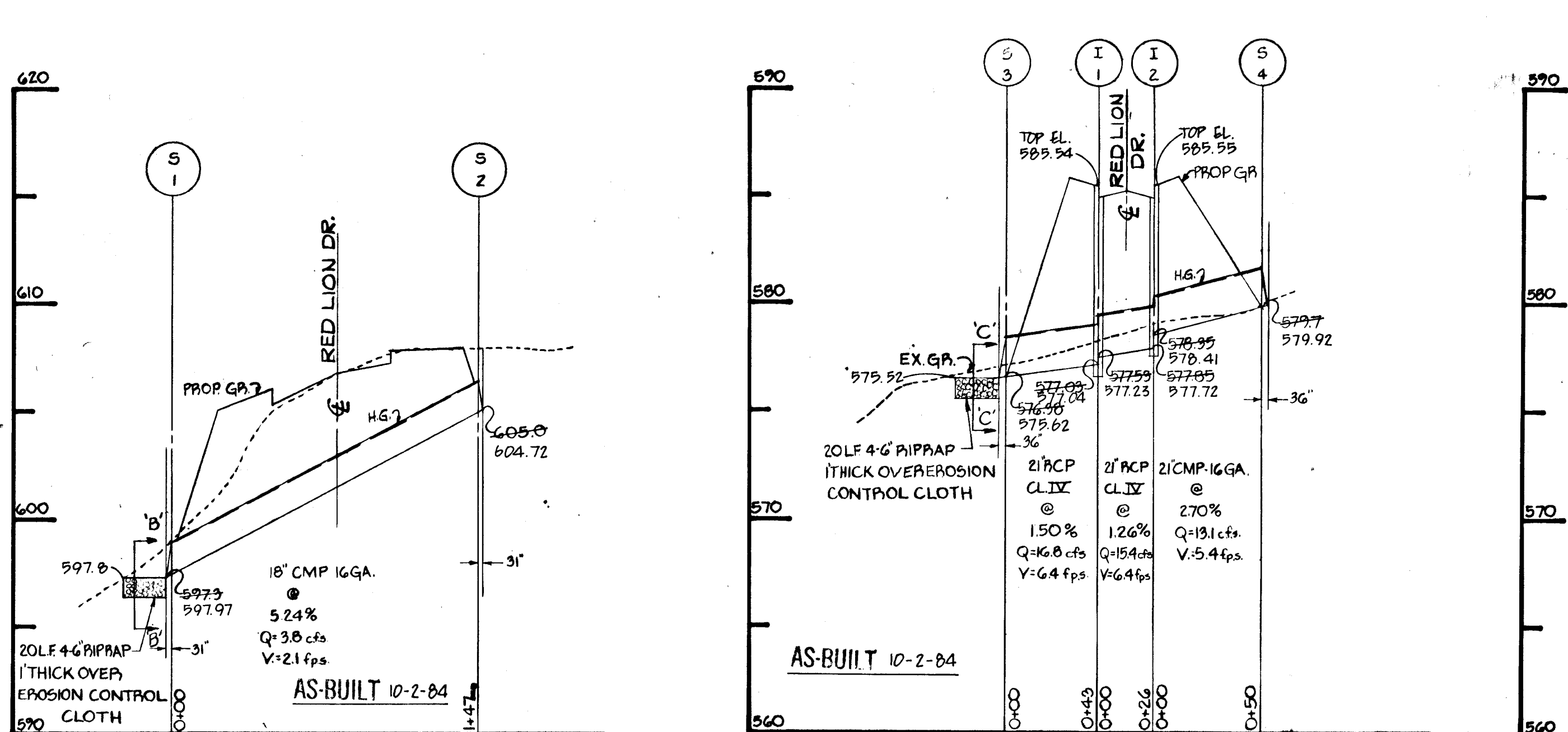


RED LION DRIVE-CONSTRUCTION PLAN
 PROJECT: RED LION INN ESTATES - A RESUBDIVISION OF LOT 1 H.B.L. PROPERTIES, INC. - SECTION 2 LOTS 3-14
 LOCATION: 4TH ELECTION DISTRICT TAX MAP: 8 PART OF PARCEL 93 HOWARD COUNTY, MD.
 DATE: JUNE 3, 1981 DESIGN BY: R.L.M./J.J.B. DRAWN BY: G.E.M. CHECKED BY: P.L.M.
 SCALE: AS SHOWN JOB NO.: 7909 DRAWING NO.: 1 OF 3
 boender associates engineers/surveyors/planners
 BALTIMORE 301 465-7777 SALISBURY 301 749-1286



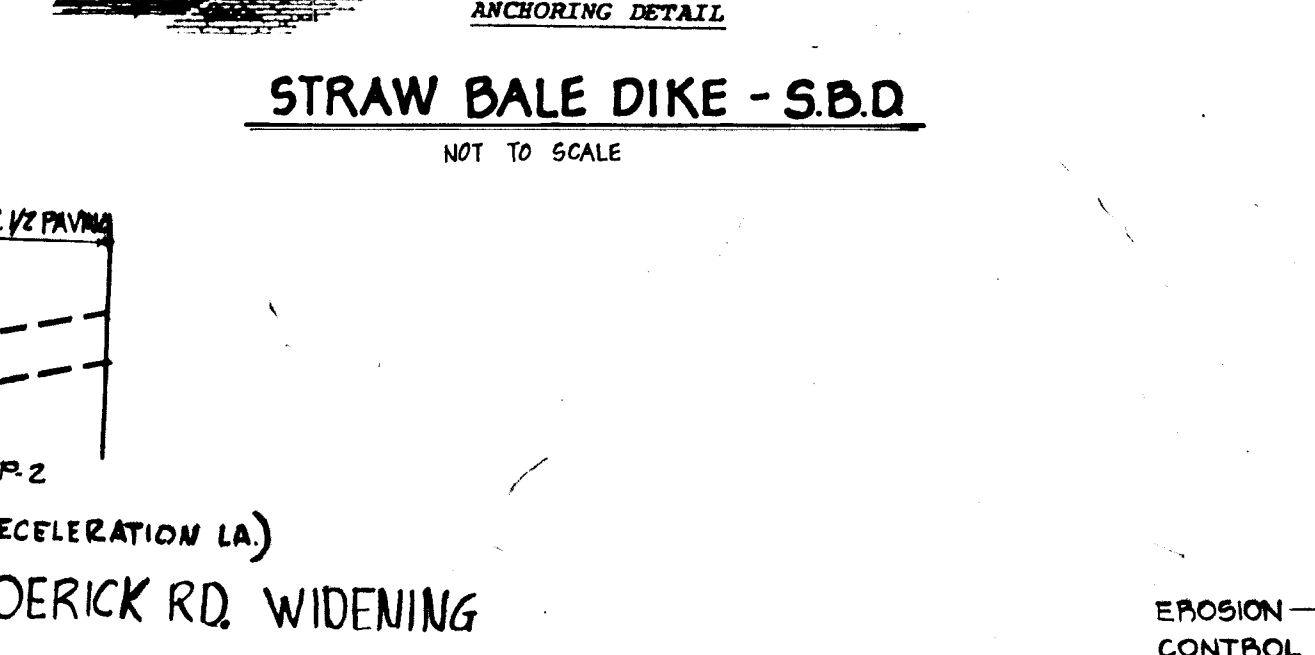
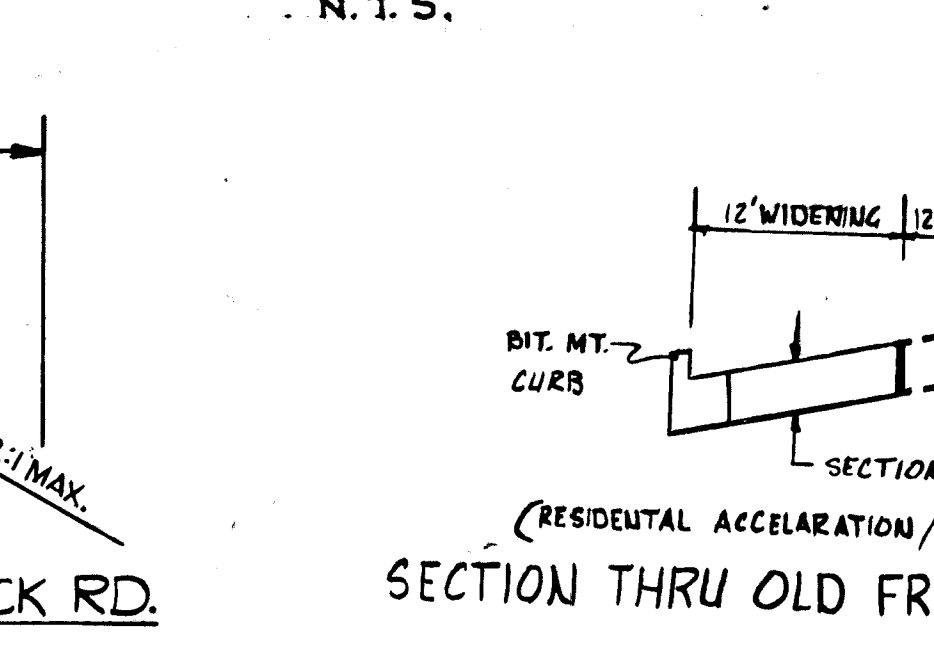
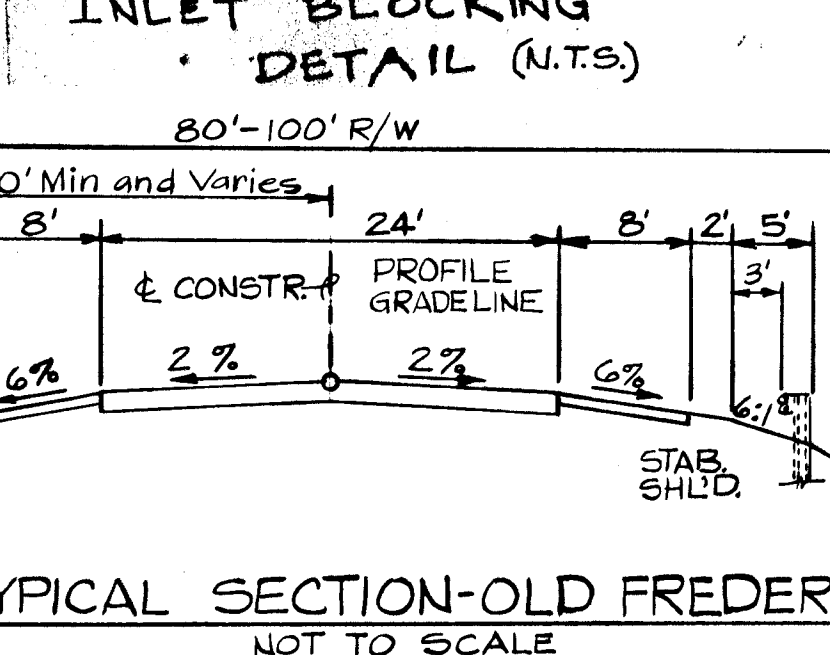
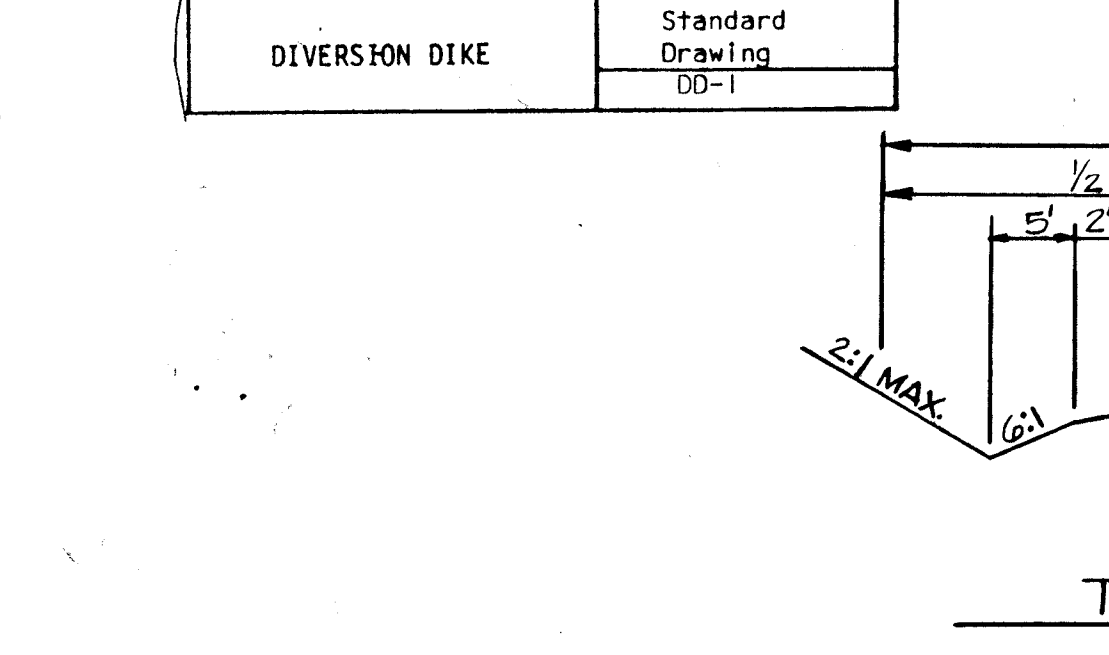
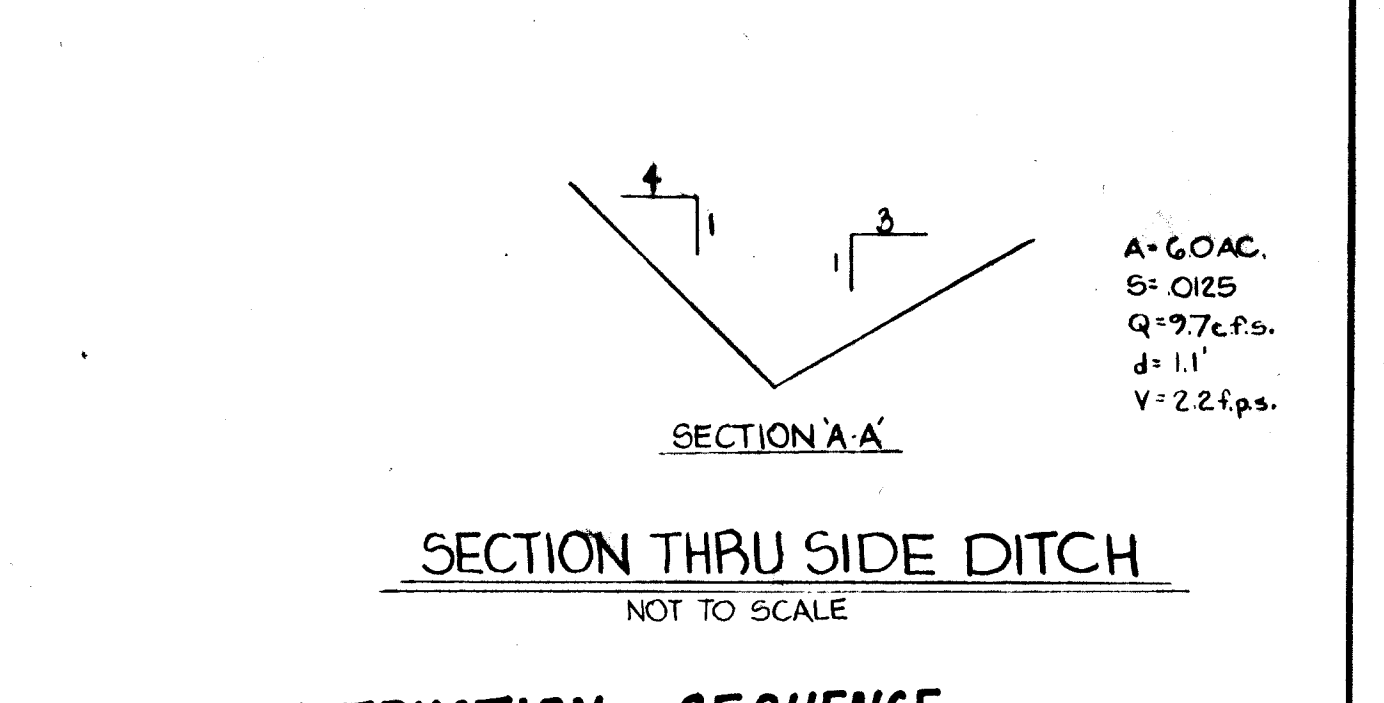
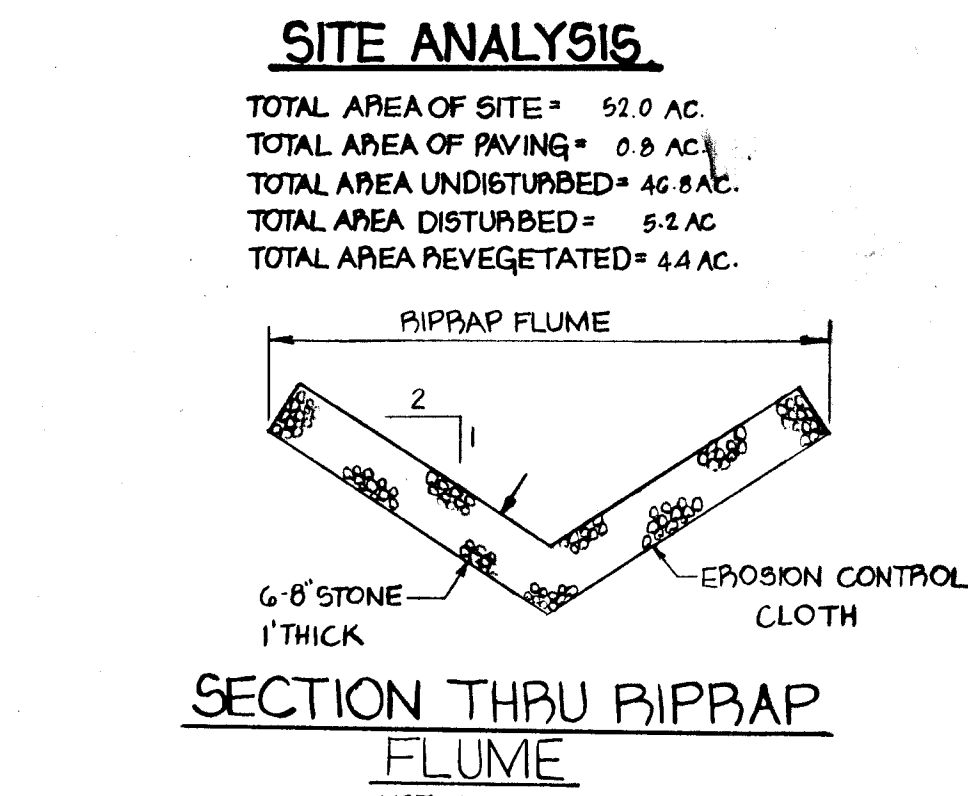
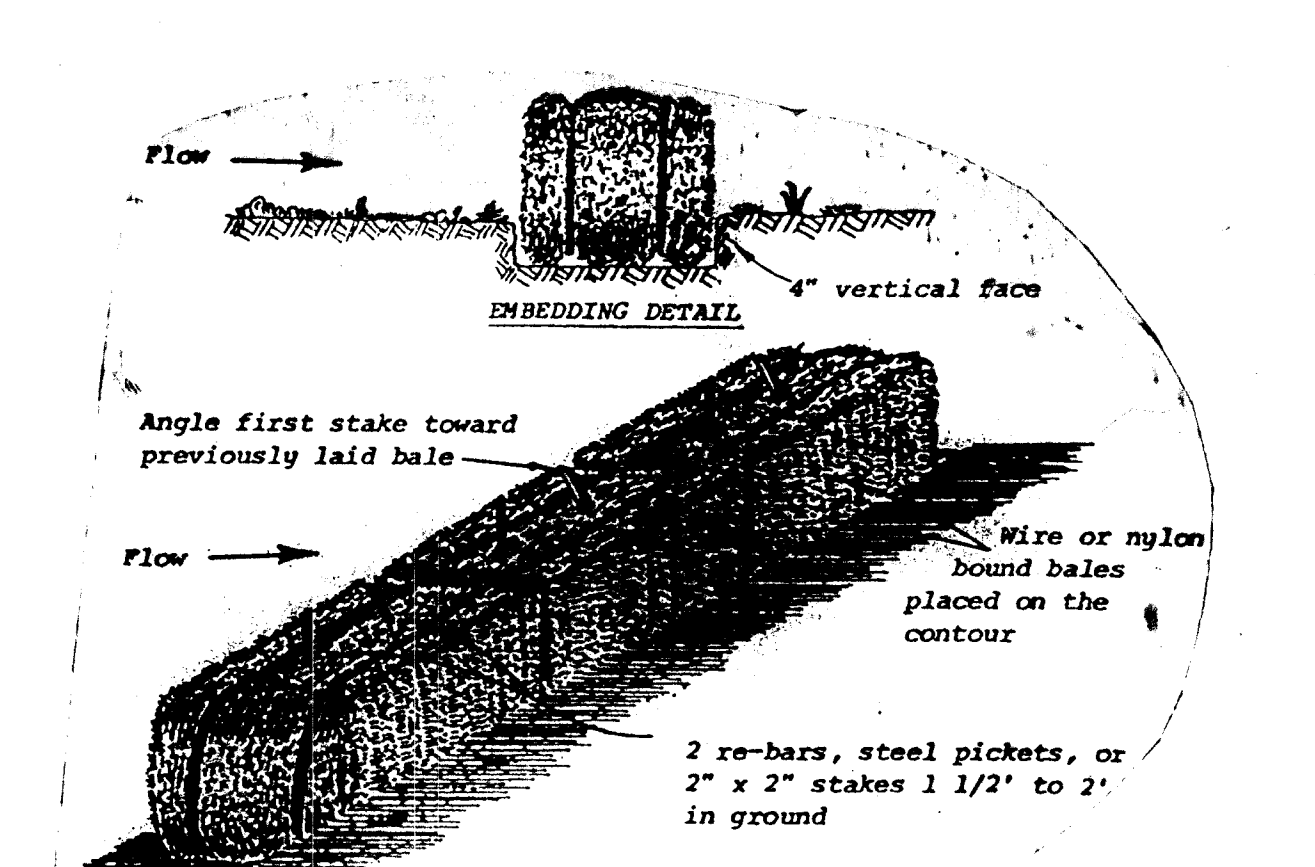
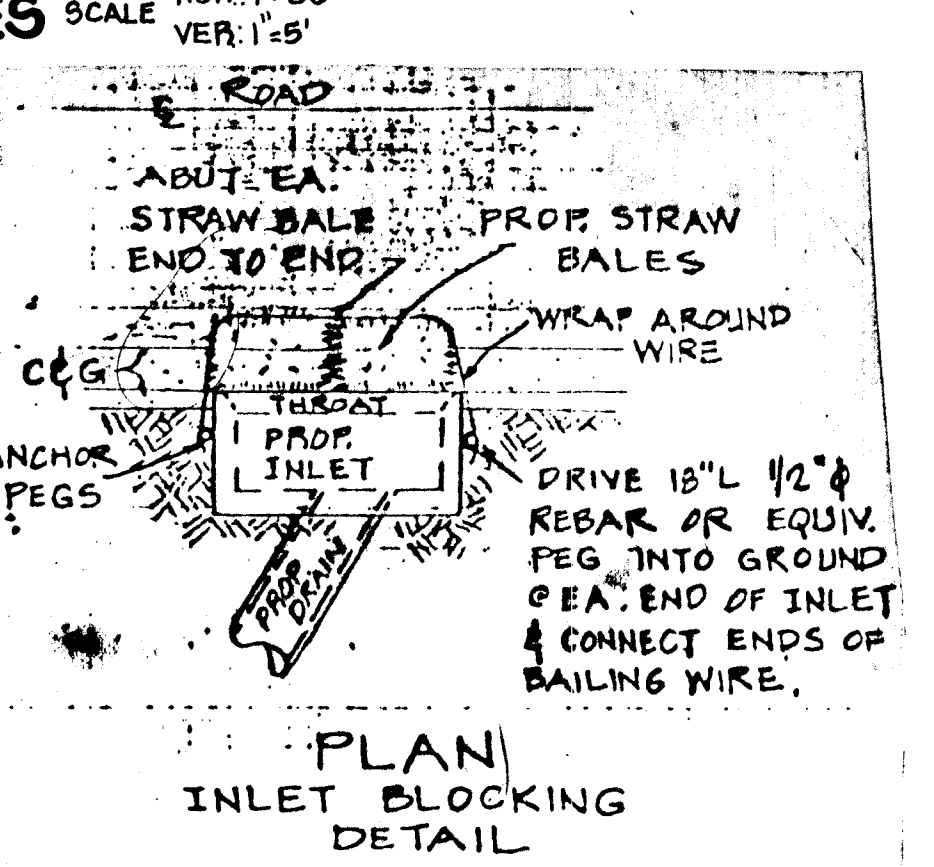
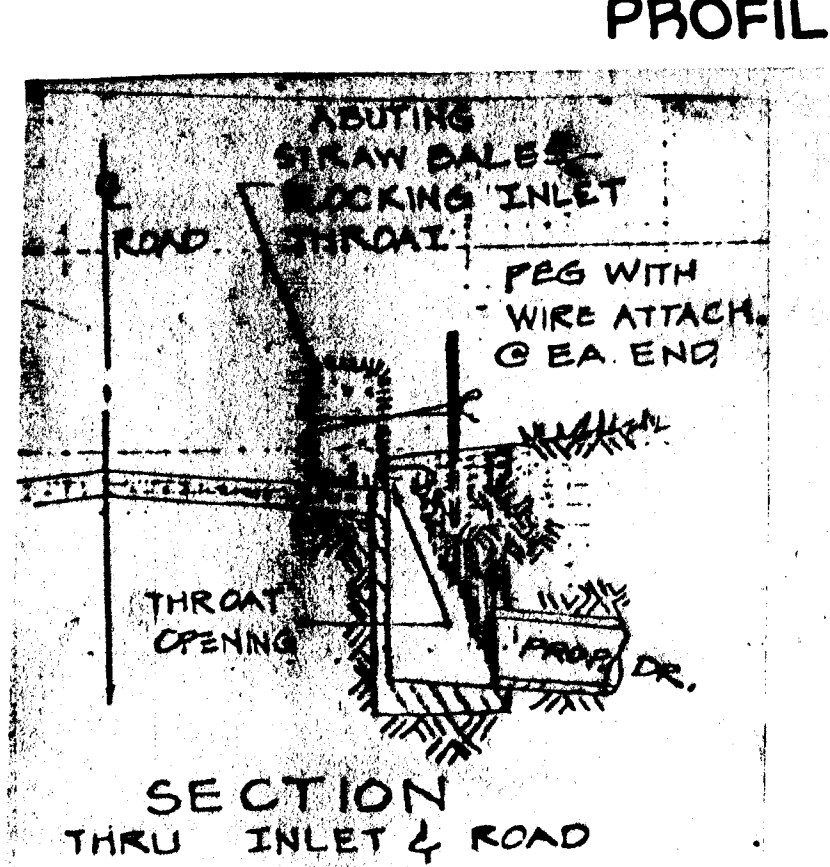
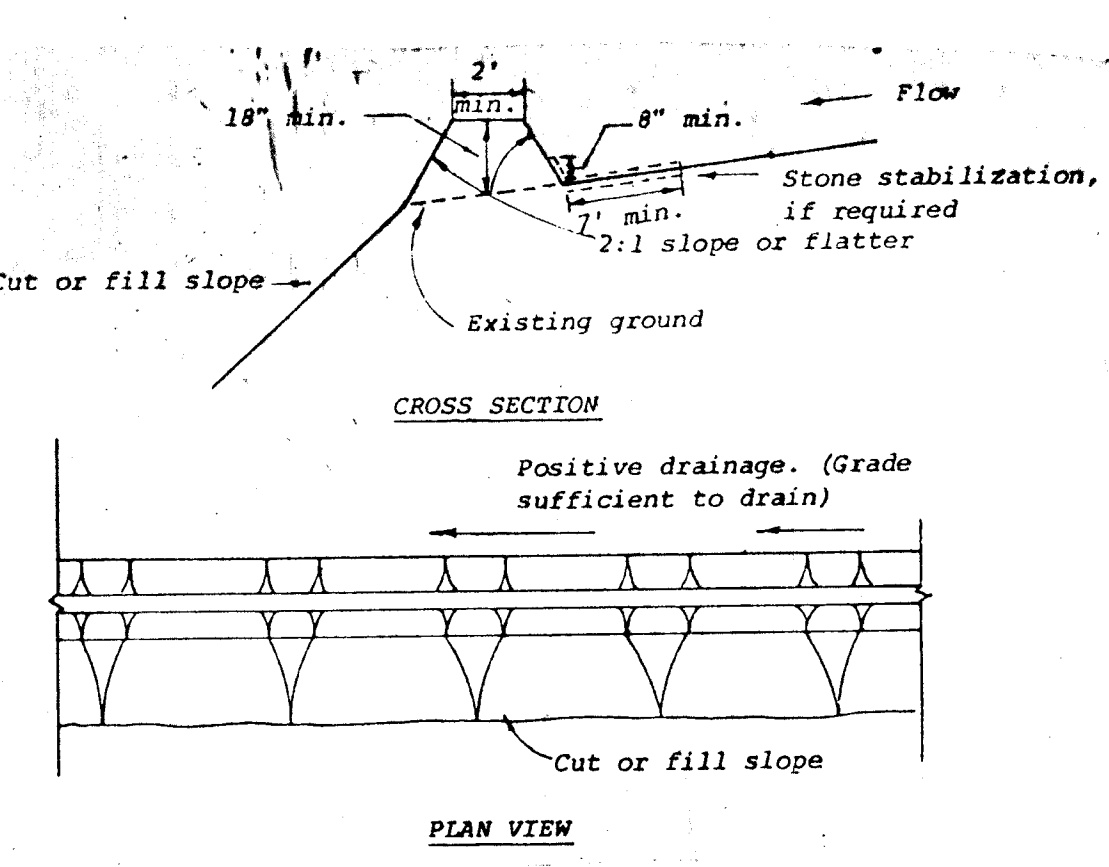
LINEAR PROFILE
 SCALE: HORIZ. 1" = 50' VERT. 1" = 5'

STATION	ELEVATION
2+50	605.03
2+75	605.70
3+00	605.39
3+25	605.91
3+50	605.48
3+75	605.77
4+00	605.49
4+25	605.11
4+50	604.91
4+75	604.73
5+00	604.53
5+25	604.33
5+50	604.13
5+75	603.93
6+00	603.73
6+25	603.53
6+50	603.33
6+75	603.13
7+00	602.93
7+25	602.73
7+50	602.53
7+75	602.33
8+00	602.13
8+25	601.93
8+50	601.73
8+75	601.53
9+00	601.33
9+25	601.13
9+50	600.93
9+75	600.73
10+00	600.53



SEDIMENT CONTROL NOTES

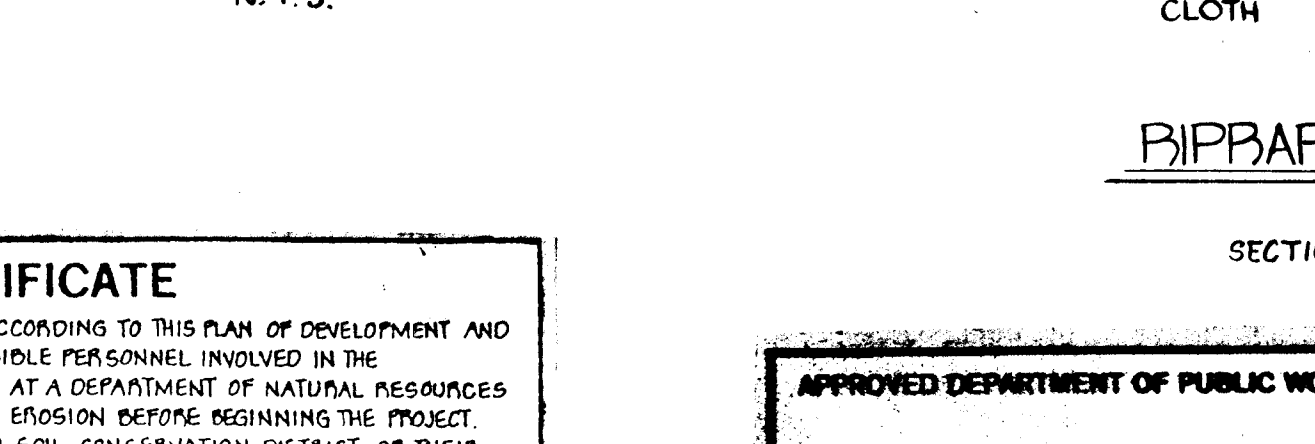
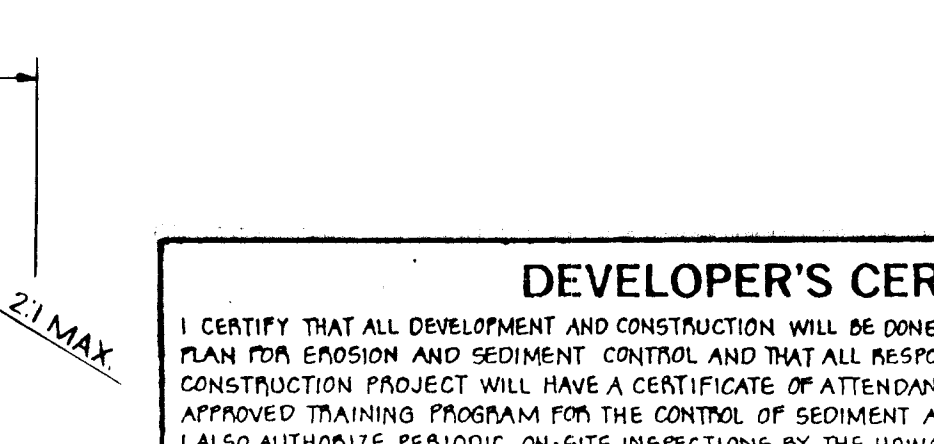
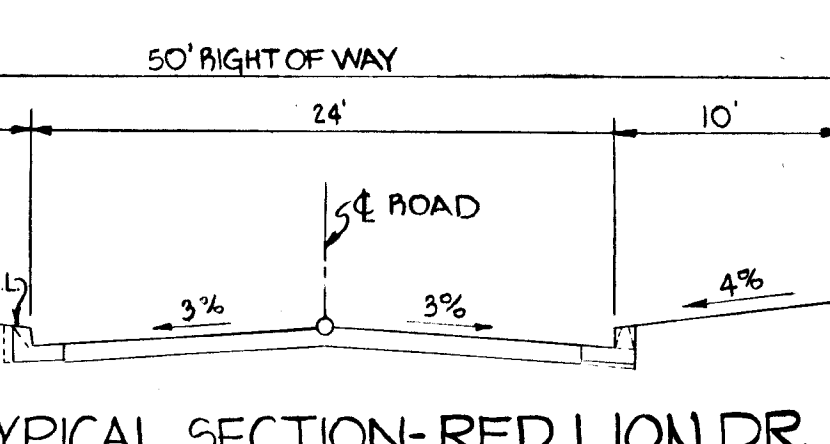
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE.
- APPLY FOR GRADING PERMIT.
- NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS.
- 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 4,000 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: 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.



STRUCTURE	W1	W2	STONE SIZE
S-1	15'	7.5'	4'-6"
S-3	1.75'	7.75'	4'-6"

CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- NOTIFY THE HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS, ALSO CONSTRUCTION INSPECTIONS/SURVEY DIVISION 24 HRS. PRIOR TO GRADING OPERATIONS.
- CLEAR TO INSTALL SEDIMENT CONTROL.
- INSTALL S.C.E., D.D., S.B.D. AT TOE OF FILL, STORM DRAINS FROM S-4 TO S-3, ALSO S-2 TO S-1.
- CLEAR TO CONSTRUCT ROAD.
- ROUGH GRADE SITE. STABILIZE SLOPES.
- INSTALL BALANCE OF STORM DRAINS. BLOCK INLET, EXCEPT S-2 AND S-4. PAVE ROAD WITH BASE COURSE.
- FINE GRADE SITE. INSTALL PERMANENT STABILIZATION, SURFACE COURSE, SEEDING, RIPRAP. REMOVE TEMPORARY STABILIZATION MEASURES.



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, IF NECESSARY.

R. Brooke Lee III DEVELOPER DATE: March 30, 1981

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.

Rudolph Mayt ENGINEER DATE: 3-30-81

APPROVED DEPARTMENT OF PUBLIC WORKS
William B. Rehm 6-18-81
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED OFFICE OF PLANNING AND ZONING
William B. Rehm 6-10-81
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

STRUCTURE SCHEDULE

NO.	DESCRIPTION	INVERT ELEV.	TOP ELEV.	REMARKS
I-1	A-5' INLET	577.53	577.03	HO.CO. STD. S.D.-401
I-2	A-5' INLET	576.41	577.99	HO.CO. STD. S.D.-401
I-3	A-10' INLET (W/DEFLECTOR)	576.35	577.99	HO.CO. STD. S.D.-402
S-1	METAL END SECTION	577.3	-	HO.CO. STD. S.D.-5-61
S-2	METAL END SECTION	604.72	605.6	HO.CO. STD. S.D.-5-61
S-3	CONCRETE END SECTION	612.02	576.74	HO.CO. STD. S.D.-5-52
S-4	CONCRETE END SECTION	574.7	-	HO.CO. STD. S.D.-5-52
S-5	METAL END SECTION	604.32	605.98	HO.CO. STD. S.D. 5-61
S-6	METAL END SECTION	605.6	-	HO.CO. STD. S.D. 5-61
S-7	METAL END SECTION	594.3	-	HO.CO. STD. S.D. 5-61
S-8	METAL END SECTION	595.0	-	HO.CO. STD. S.D. 5-61

OWNER & DEVELOPER
 GEORGIA AVENUE PROPERTIES, INC.
 1838 GEORGIA AVENUE
 WHEATON, MD. 20706

Rudolph Mayt REGISTERED PROFESSIONAL ENGINEER

DETAILS AND STORM DRAIN PROFILES

RED LION INNSTATES

A RESUBDIVISION OF LOT 1 LOTS H.B.L. PROPERTIES, INC. - SECTION 23-14

PROJECT: 4TH ELECTION DISTRICT HOWARD COUNTY, MD.

DATE: JUNE 3, 1981 DESIGN BY: P.L.M. DRAWN BY: G.E.M. CHECKED BY: P.L.M.

SCALE: AS SHOWN JOB NO: 7909 DRAWING NO: 2 OF 3

boender associates engineers/surveyors/planners

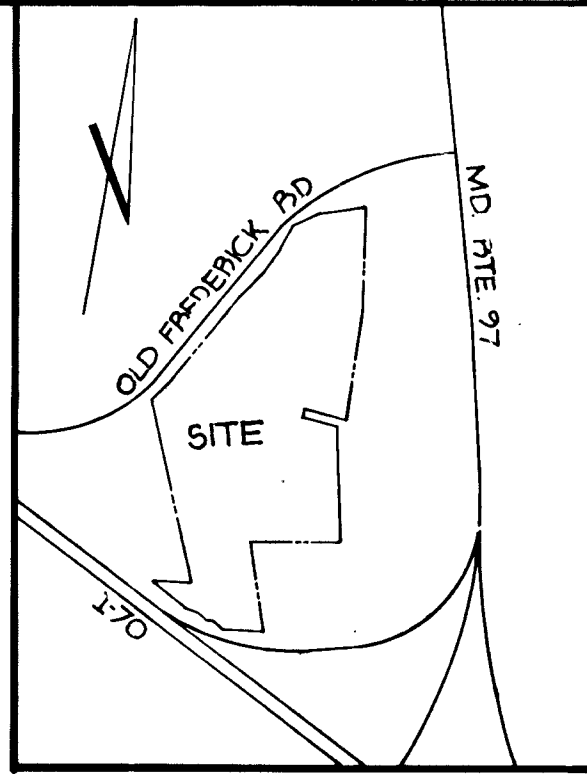
REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

William B. Rehm 6-9-81
 U.S. SOIL CONSERVATION SERVICE DATE

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

William B. Rehm 6-7-81
 HOWARD SOIL CONSERVATION DISTRICT DATE

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIAL	
		FULL DEPTH BIT CONC ALTERNATE	GRANULAR BASE ALTERNATE
P-2	RESIDENTIAL ZONES Local Streets ALLEYS PARKING AREAS Apartments and Commercial-Industrial Zones with no more than 10 Heavy Trucks per day	1 1/2" Bit. Conc. Surface 5" Bit. Conc. Base (2 Courses)	1 1/2" Bit. Conc. Surface 2 1/2" Bit. Conc. Base Prime 8" Crusher Run Base Course (2 Courses) or 6" Dense Graded Stabilized Aggregate Base Course



VICINITY MAP
SCALE 1"=1200'



GENERAL NOTES

1. TAX MAP: B PART OF PARCEL: 93
2. DEED REFERENCE: 404/237
3. COORDINATES SHOWN HEREON ARE BASED ON ASSUMED DATUM.
4. EXISTING ZONING: R
5. TOTAL NO. OF LOTS: 12
6. TOTAL AREA OF LOTS: 50.54 AC±
7. TOTAL AREA OF ROAD DEDICATION: 1.5 AC±
8. TOTAL AREA OF SITE: 52.04 AC
9. PRIVATE WATER AND PRIVATE SEWER ARE TO BE UTILIZED.
10. ALL PEPC TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND AREA SHOWN THUS (O).
11. TOPO. SHOWN IN HEAVILY WOODED AREA BASED ON U.S.G.S. MAPS.
12. CENTERLINE ROAD A FIELD RUN BY BOENDER ASSOCIATES, INC.
13. TOPO IS BASED ON AERIAL TOPOGRAPHY PREPARED BY POTOMAC AERIAL SURVEYS.



OWNER & DEVELOPER
 H.B.L. PROPERTIES, INC.
 % E. BROOKE LEE, III
 13858 GEORGIA AVE.
 WHEATON, MD. 20906

APPROVED: DEPARTMENT OF PUBLIC WORKS
Richard E. Ryan 6-18-81
 CHIEF, BUREAU OF ENGINEERING
 APPROVED: OFFICE OF PLANNING AND ZONING
William M. ... 6-10-81
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DRAINAGE AREA MAP			
RED LION INN ESTATES		A RESUBDIVISION OF LOT 1 H.B.L. PROPERTIES, INC. - SECTION 2 LOTS 3-14	
4TH ELECTION DISTRICT		HOWARD COUNTY, MD	
DATE JUNE 3, 1981	DESIGNED BY B.L.M.	DRAWN BY G.E.M.	CHECKED BY P.L.M.
SCALE 1"=100'	JOB NO. 7909	DRAWING NO. 3 OF 3	
boender associates SUITE 102 107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLICOTT CITY, MARYLAND 21043 BALTIMORE 301-468-7777 SALISBURY 301-748-1288			engineers surveyors planners