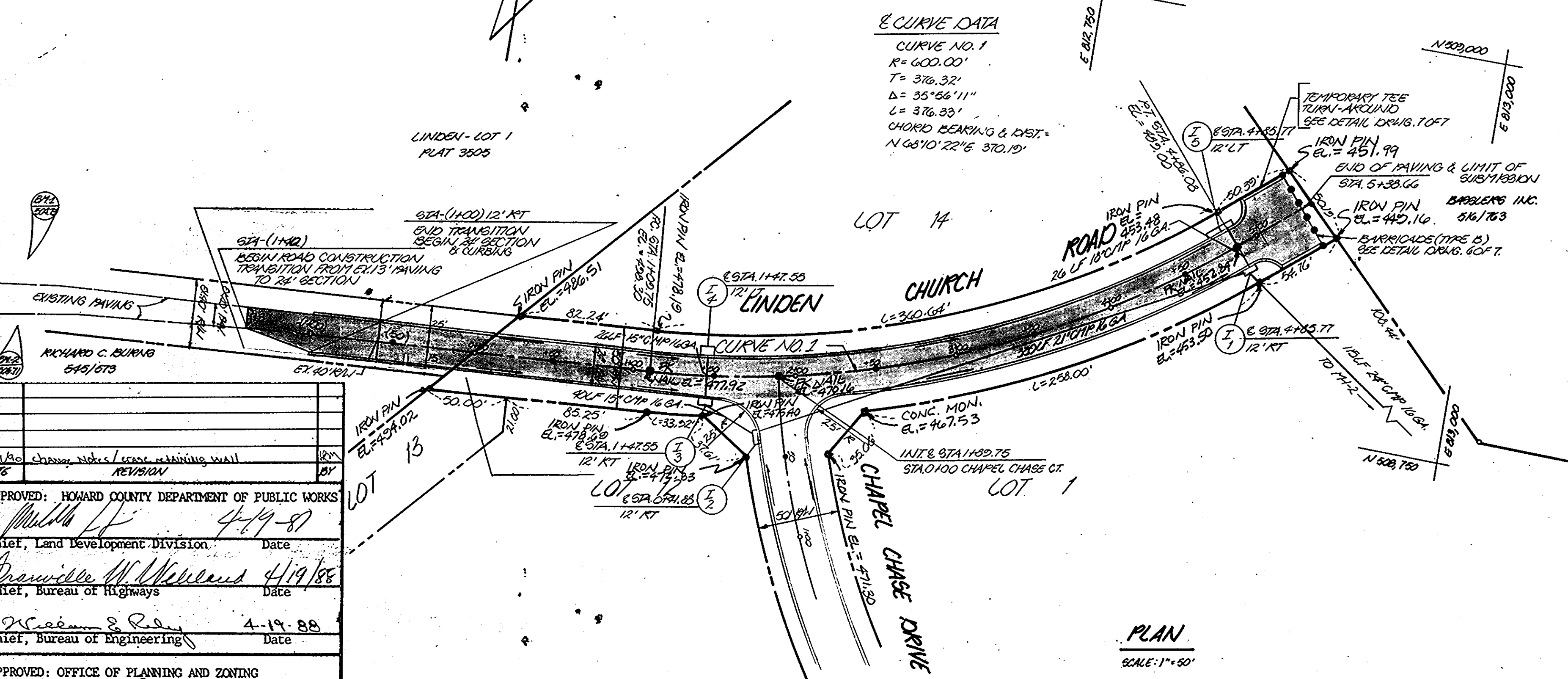


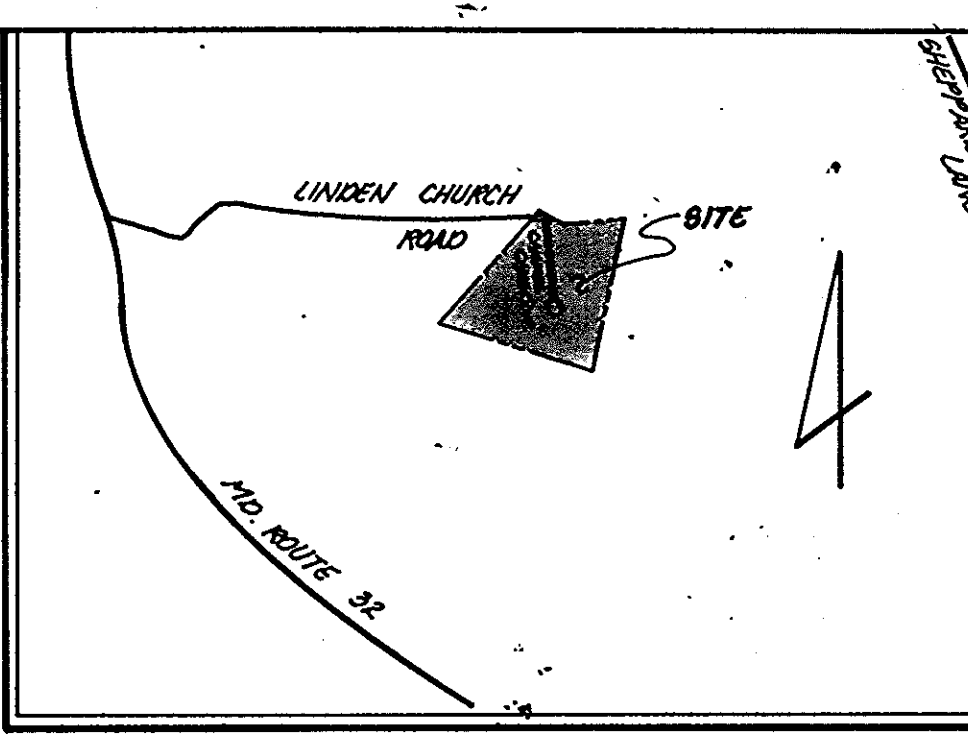
**NOTES:**  
 1. BENCH MARK 1 STA. (1250) L.T. CUT CORNER OF ROCK-EDGE OF ROAD R/W DRIVEWAY, PAINTED ORANGE.  
 2. BENCH MARK 2 STA. (1260) RT, R.R. SPIKE IN TREE @ EDGE OF ROAD, PAINTED ORANGE.



**PLAN**  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division  
 Date: 4-19-88  
 Approved: Office of Planning and Zoning  
 Chief, Division of Community Planning and Land Development  
 Date: 5/12/88

**GENERAL NOTES**

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. 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 FOR EXISTING UTILITIES AT LEAST FIVE (5) DAYS PRIOR TO STARTING WORK SHOWN ON THESE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES AT LEAST FIVE (5) DAY PRIOR TO BEGINNING WORK SHOWN ON THESE DRAWINGS:  
 MISS UTILITY.....559-5100  
 BELL TELEPHONE SYSTEM.....330-3649  
 LONG DISTANCE CABLE DIVISION.....350-3553/3554  
 BALTIMORE GAS & ELECTRIC COMPANY.....539-8000  
 HOWARD COUNTY BUREAU OF UTILITIES.....592-2366  
 HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR OF COMMENCEMENT OF WORK).....792-7273
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL STREET CURB RETURNS SHALL HAVE 25' RADII UNLESS OTHERWISE NOTED.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHTS-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL, VOL. IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 1978 EDITION (REVISED).
- PIPE SHALL NOT BE INSTALLED BY CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- DESIGNED TRAFFIC SPEED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIAL STANDARDS:  
 LINDEN CHURCH RD. - 50 MPH (LOCAL ROAD) - 30 MPH.  
 CHAPEL CHASE DR. - 50 MPH (CUL-DE-SAC) - 25 MPH.
- ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929.
- ALL FILL AREAS WITHIN ROADWAYS AND/OR UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM 95% COMPACTION.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- SUBJECT PROPERTY ZONED R PER 01-02-85 COMPREHENSIVE ZONING PLAN.
- TOPO SHOW HEREON WAS FIELD RUN BY BOENDER ASSOCIATES ON OCT. 1987.
- NO PIPE SHALL BE LAID IN PLACE UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO WITHIN SIX (6) INCHES OF FINISHED GRADE ELEVATIONS.
- ALL STORM DRAIN PIPE DRAINING SHALL BE CLASS 401 AS SHOWN IN FIG. 11.4 OF THE HOWARD COUNTY DESIGN MANUAL, VOL. I, UNLESS OTHERWISE NOTED.



**VICINITY MAP**

SCALE: 1" = 2,000'

- NOTES:**
- FOR ROAD DETAILS SEE DRAWING 6 OF 7.
  - FOR GRADING & SEDIMENT CONTROL SEE DRAWING 4 OF 7.
  - FOR DRAINAGE STRUCTURE SCHEDULE SEE DRAWING 4 OF 7.

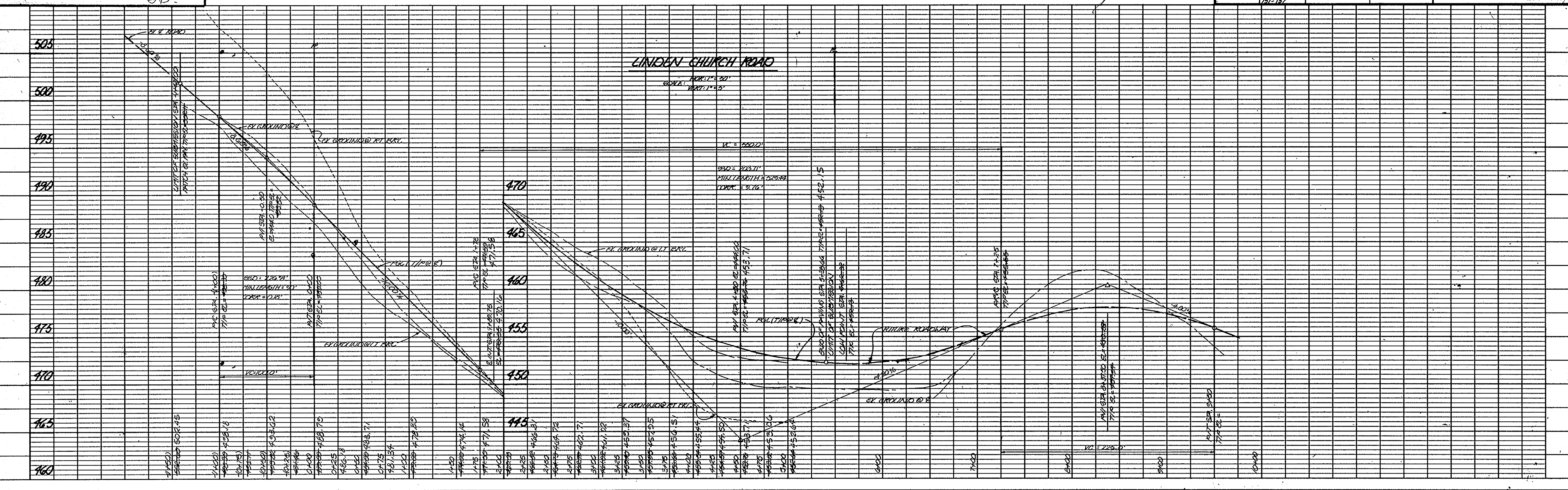
**OWNER/DEVELOPER**  
 CHAPEL CHASE VENTURE, INC.  
 3566 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MARYLAND 21043

TITLE: LINDEN CHURCH RD. 67A-(1142) TO 5138.66	
PROJECT: CHAPEL CHASE	
LOCATION: 5TH ELECTION DISTRICT HOWARD CO., MD.	
SCALE: AS SHOWN	DESIGNED BY: J.A.
DRAWN BY: J.C.D.	CHECKED BY: C.E.B.
DATE: DEC. 1987	
FIELD BOOK: 30	PAGE NO.: 12-13, 102-111
JOB NO.: 864	DRAWING NO.: 1 OF 7

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3585 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 1301 465-7777



**PLAN**  
 SCALE: 1" = 50'



**PLATE 1, PLAN-PROFILE**  
 KEUPEL & ESSER CO.  
 48 7024 MADE IN U.S.A.

AS-BUILT 3-17-92

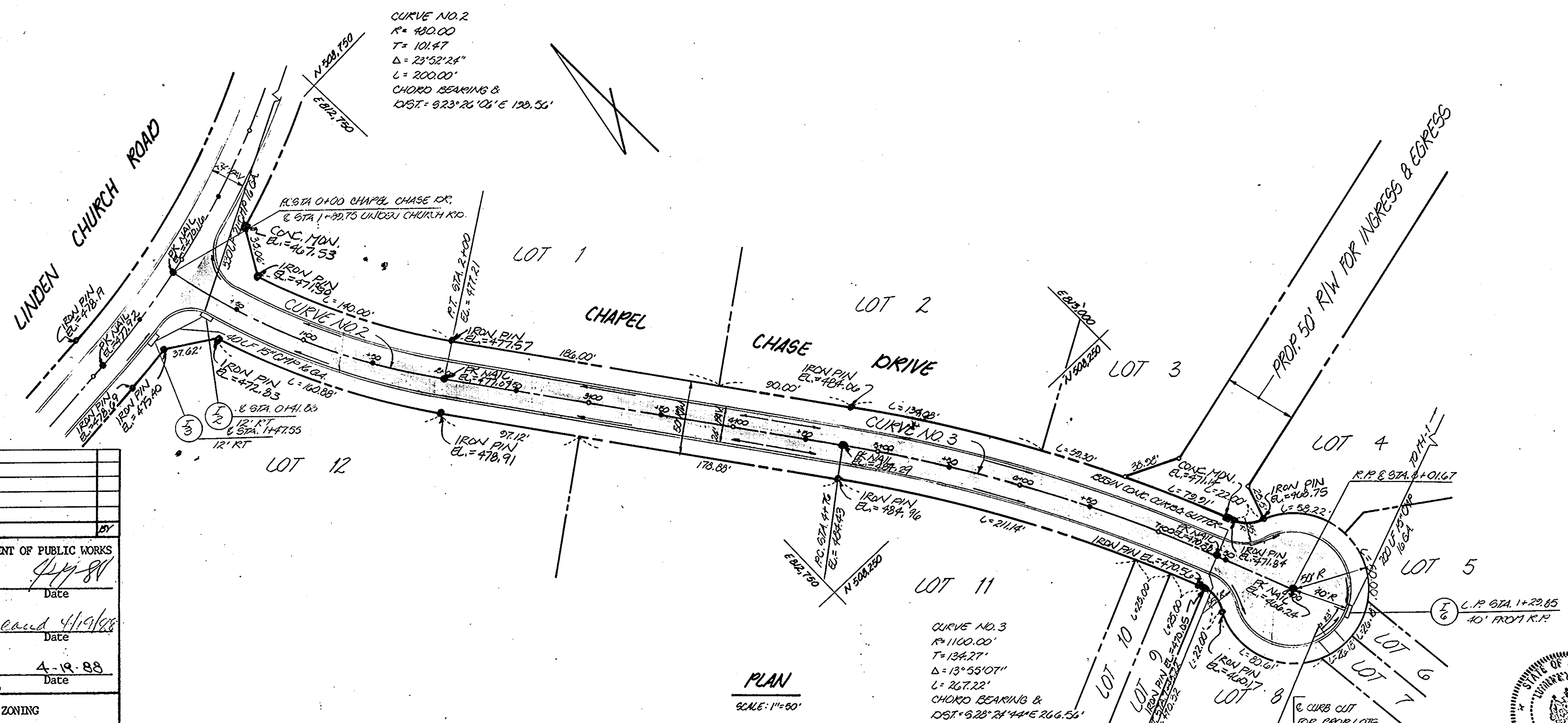
F-88-157

1359

PLAN  
DATE  
BY  
SURVITD.  
POSITION  
NOTE BOOK  
No.

PROFILE  
DATE  
BY  
SURVITD.  
POSITION  
NOTE BOOK  
No.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division Date 4/4/88  
 Chief, Bureau of Highways Date 4/19/88  
 Chief, Bureau of Engineering Date 4-19-88  
 APPROVED: OFFICE OF PLANNING AND ZONING  
 Chief, Division of COMMUNITY PLANNING AND LAND DEVELOPMENT Date 5/2/88



**NOTES:**  
 1. FOR GRADING AND EROSION CONTROL SEE DRAWING 4 OF 7.  
 2. FOR ROAD DETAILS SEE DRAWING 6 OF 7.  
 3. FOR GENERAL NOTES SEE DRAWING 1 OF 7.  
 4. FOR DRAINAGE STRUCTURE SCHEDULE SEE DRAWING 4 OF 7.

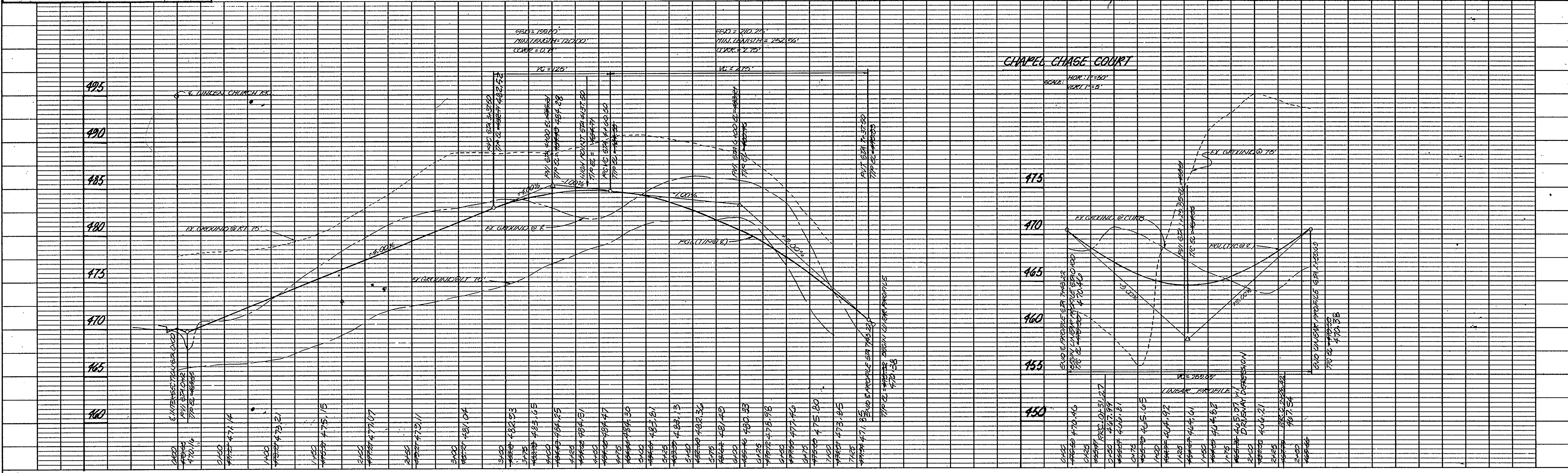
**OWNER/DEVELOPER**  
 CHAPEL CHASE JOINT VENTURE, INC.  
 2565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MARYLAND 21043

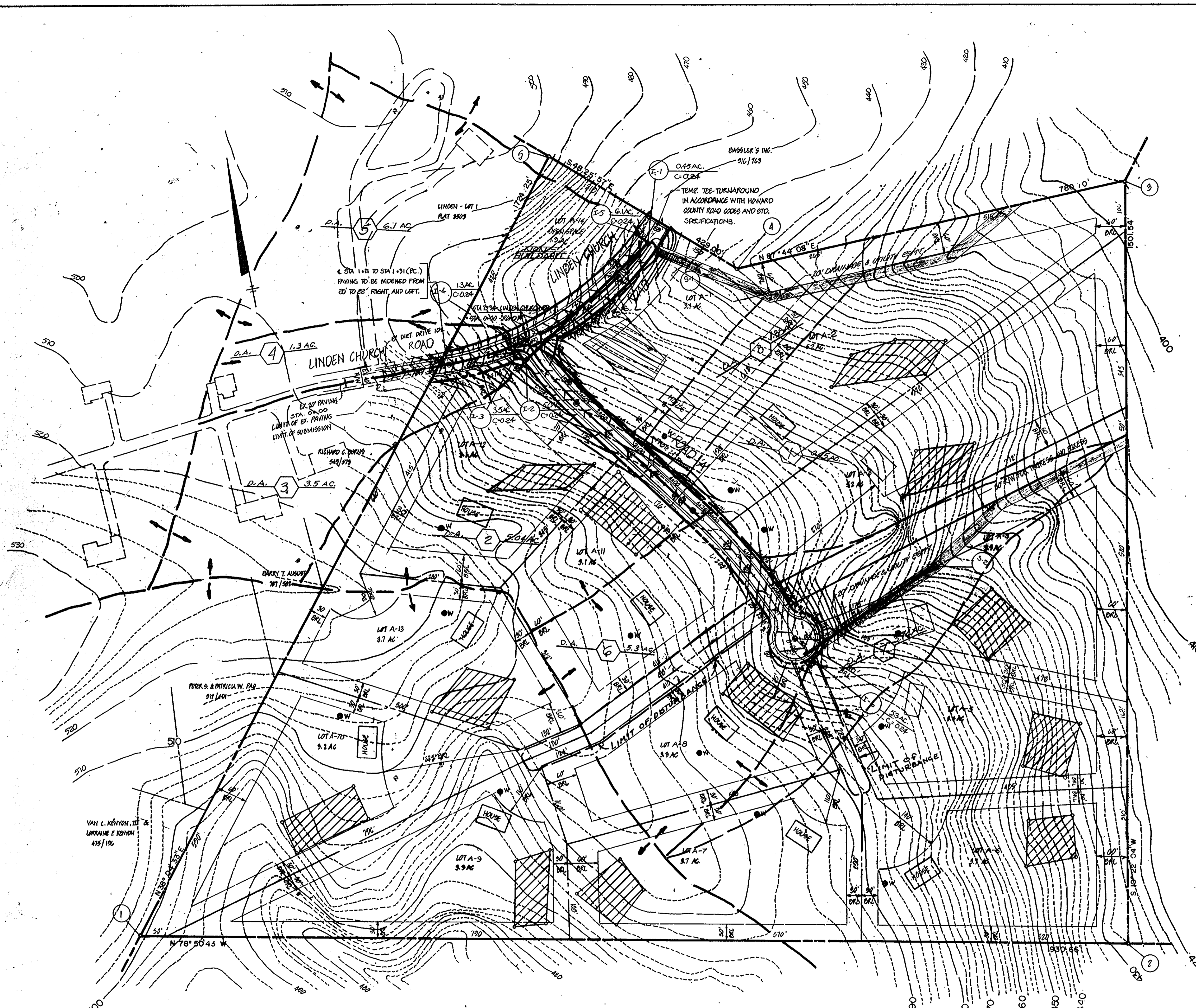
TITLE: CHAPEL CHASE DR. STA. 0+00 TO 7+43.22  
 PROJECT: CHAPEL CHASE  
 LOCATION: 5 TH ELECTION DISTRICT HOWARD CO., MD.  
 SCALE: AS SHOWN  
 DESIGNED BY: J.A.  
 DRAWN BY: J.C.O.  
 CHECKED BY: C.E.B.  
 DATE: DEC., 1987  
 FIELD BOOK: 89-18-100-III, 101-187  
 JOB NO.: 8614  
 DRAWING NO.: 2 OF 7

**boender associates, inc.**  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777

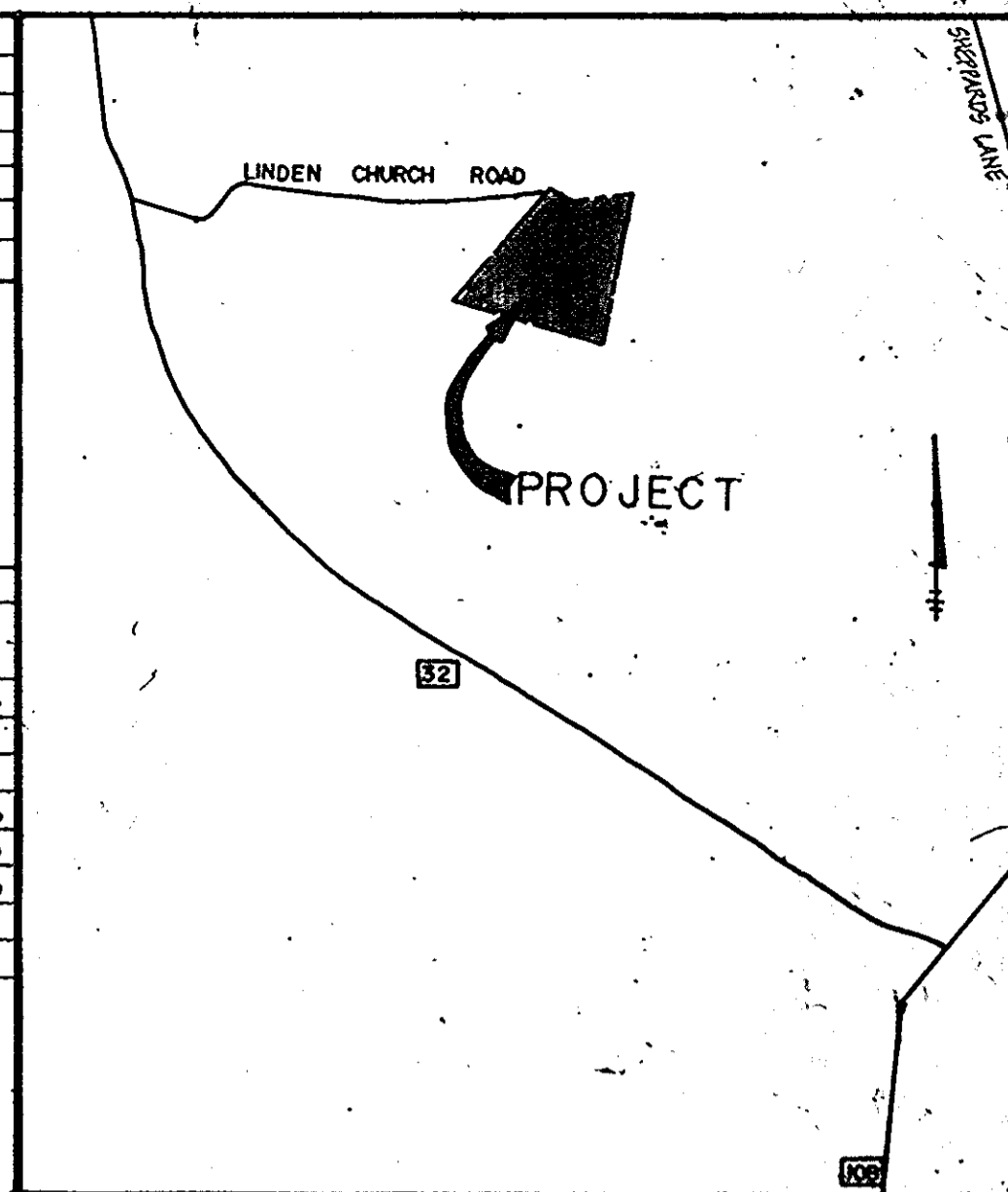


1359





STRUCTURE	TYPE	INVERT		
		INV. IN	INV. OUT	TOP EL.
I-1	12" INLET W/DEFLECTOR	445.13	440.08	453.00
I-2	12" INLET W/DEFLECTOR	446.00	445.58	471.00
I-3	12" INLET W/DEFLECTOR	452.70	448.98	474.37
I-4	12" INLET W/DEFLECTOR	461.53	---	474.28
I-5	12" INLET W/DEFLECTOR	461.50	---	453.00
I-6	12" INLET W/DEFLECTOR	461.20	---	467.60
S-1	8" SECTION W/PROTECTION	432.50	---	433.00
S-2	8" SECTION W/PROTECTION	432.45	---	433.00



VICINITY MAP  
SCALE: 1" = 200'

GENERAL NOTES

- TAX MAP: B; BLOCK: 17; PARCEL: 309
- DEED REFERENCE: 826/283
- EX ZONING: R
- PRIVATE WATER AND PRIVATE SEWERAGE ARE TO BE UTILIZED.
- MINIMUM LOT SIZE: 3.0 AC.
- TOTAL NUMBER OF LOTS: 19
- TOTAL AREA OF LOTS: 119
- TOTAL AREA OF LAND DESIGNATION: 119
- TOTAL AREA OF SITE: 50.2
- SEDIMENT CONTROL MEASURES SHOWN ON DRAWING 4 OF 7
- VERTICAL CURVES SHOWN HEREIN HAVE BEEN SUPPLIED BY OWNER.
- BOUNDARY SHOWN HEREIN IS BASED ON A PLAT OF RECORD, RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AT PLATBOOK 1159.
- PREVIOUS OFFICE OF PLANNING AND ZONING FILE NUMBERS: P-81-92, F-79-17, S-79-51, YP-79-24
- SEWERAGE EXHIBITS SHOWN ON THIS DRAINAGE AREA MAP DO NOT REFLECT ACTUAL LOCATION FOR PERCOLATION TEST DATA, SEE: FINAL PLAN
- FOR SEWER DRAIN CULVERT STRUCTURE S-1 AND S-2 LOCATIONS, SEE PRELIMINARY PLAN, DRAWING 4 OF 7
- THIS DRAWING FOR DRAINAGE AREA REPRESENTATION ONLY.

THE LOTS SHOWN HEREIN COMPLY WITH THE MINIMUM REQUIREMENTS AND LOTS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.  
 THIS AREA DEMONSTRATES A PRIVATE SEWERAGE SYSTEM OF A MIN. 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE PROHIBITED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EXHIBITS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR DISCHARGEMENTS INTO THE PRIVATE SEWERAGE SYSTEM. RECONSTRUCTION OF A VACATED SEWERAGE SYSTEM SHALL NOT BE NECESSARY.  
 ALL PERCOLATION TEST HOLES SHOWN HEREIN HAVE BEEN FIELD LOCATED AND SHOWN THIS (S).

FRANK J. DEFRANCO  
1170/116

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*[Signature]* Chief, Land Development Division Date: 4/19/88

*[Signature]* Chief, Bureau of Highways Date: 4/19/88

*[Signature]* Chief, Bureau of Engineering Date: 4/19/88

APPROVED: OFFICE OF PLANNING AND ZONING

*[Signature]* Chief, Division of Community Planning and Land Development Date: 5/2/88

R. FRANK WARFIELD & BARBARA L. WARFIELD  
418/581



OWNER & DEVELOPER  
CHAPEL CHASE LOTT VENTURE, INC.  
46 WILLIAM F. HOPKINS  
3518 ROBERTS AVENUE  
ELLCOTT CITY, MARYLAND, 21043

TITLE: DRAINAGE AREA MAP  
PROJECT: CHAPEL CHASE  
LOCATION: PARCEL: 309 D.P. & F. FILES: P-81-92, F-79-17, S-79-51, YP-79-24  
5TH ELECTION DISTRICT HOWARD CO., MD.

SCALE: 1" = 100'  
DESIGNED BY: J.A.B.  
DRAWN BY: W.G.W.  
CHECKED BY: D.R.  
DATE: DEC, 1987

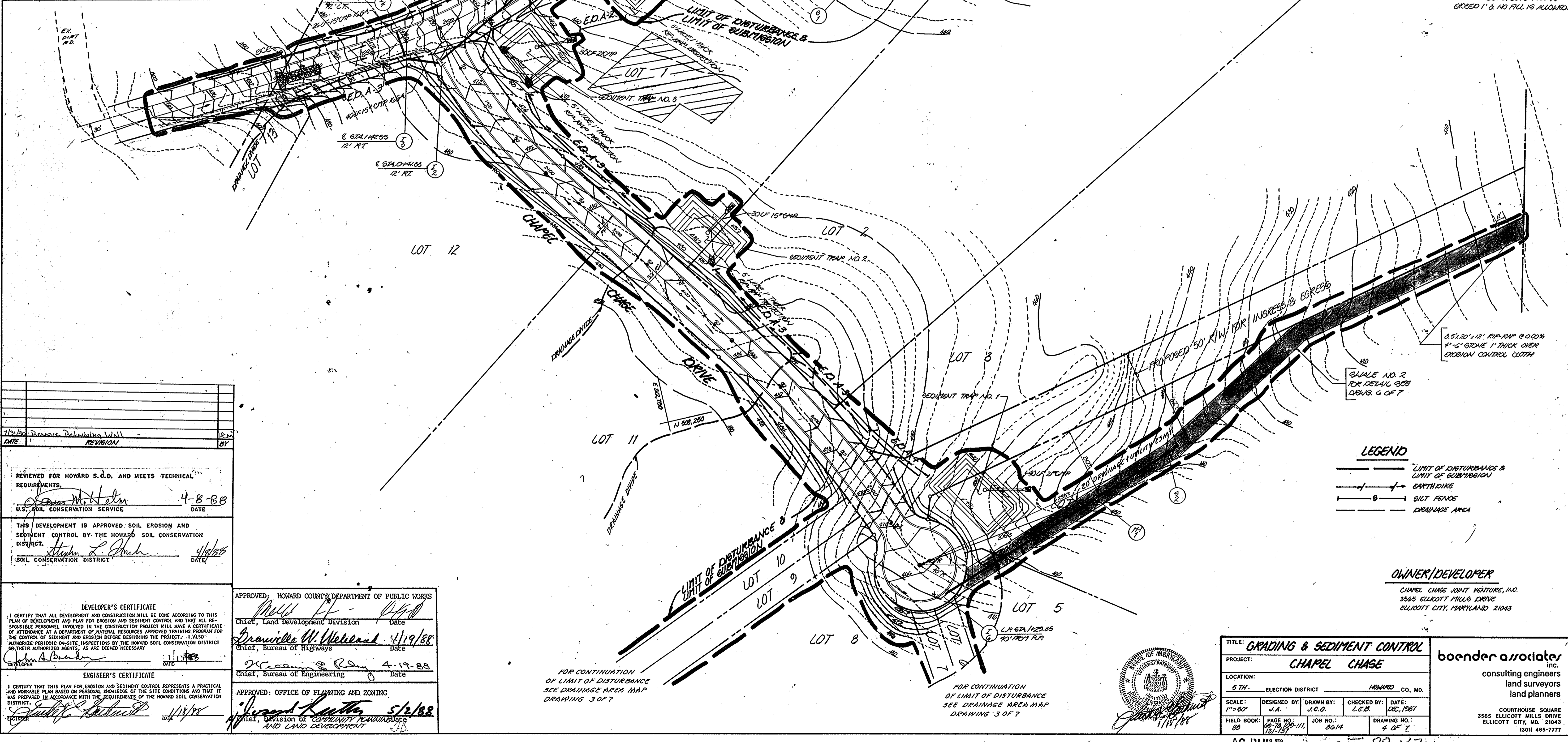
JOB NO.: 8018  
DRAWING NO.: 3 OF 7

boender associates, inc. consulting engineers land planners  
COURTHOUSE SQUARE  
3555 ELLCOTT HILLS DRIVE  
ELLCOTT CITY, MD. 21043  
(301) 485-7777

359

SEDIMENT TRAP SCHEDULE											
TRAP NO.	TYPE OF TRAP	C.A.	DEPTH	INLET DIA.	OUTLET DIA.	INLET ELEV.	OUTLET ELEV.	INLET SLOPE	OUTLET SLOPE	C.O.	
1	PIPE UTILITY	3.96	7.1200	30" X 30"	3"	425.5	420.0	450.5	24"	21"	457.0
2	"	1.64	932.0	30" X 30"	3"	440.0	435.0	470.0	18"	15"	475.5
3	"	3.46	6.7200	30" X 30"	3.5"	462.0	457.0	485.5	24"	21"	483.75
4	"	1.80	6.0000	30" X 30"	3.5"	447.0	442.0	472.5	24"	21"	473.75

DRAINAGE STRUCTURE SCHEDULE					
STRUCTURE	TYPE	INVERT		TOP ELEV.	DETAIL NO.
		INR. IN	INR. OUT		
I-1	8-10" INLET	445.20	440.50	453.14	4.02
I-2	8-10" INLET WITH DEFLECTOR	466.00	465.50	471.13	4.02 & 4.83
I-3	8-10" "	469.70	469.60	474.49	4.02 & 4.83
I-4	4-5" "	-	470.00	474.49	4.01 & 4.83
I-5	8-10" "	-	446.50	453.14	4.02 & 4.83
I-6	8-10" INLET	-	461.00	464.66	4.02
S-1	END SECTION W/ PROTECTION	-	432.42	438.50	5.36
S-2	"	-	436.86	434.75	5.36
MH-1	LINE MANHOLE	444.00	442.00	446.50	1.32
MH-2	"	435.50	435.25	440.67	1.32



NOTES:  
 1. TEMPORARY 18" CMP CROSSING UNDER CHURCH RD. IS TO BE PROVIDED AT STA. #40. FOLLOWING CONSTRUCTION OF LINDEN CHURCH RD. THE TEMP 18" CMP IS TO BE ABANDONED.  
 2. THE AREA TO BE CLEARED FOR LOTS 6, 7, 8 & 10 IS FOR THE PURPOSE OF PROVIDING A TEMPORARY GRAVEL ACCESS TO THE LOTS. CUTS NOT TO EXCEED 1' & NO FILL IS ALLOWED.

**LEGEND**  
 - - - - - LIMIT OF DISTURBANCE & LIMIT OF SUBDIVISION  
 - - - - - EARTHDIKE  
 - - - - - SILT FENCE  
 - - - - - DRAINAGE AREA

**OWNER/DEVELOPER**  
 CHAPEL CHASE JOINT VENTURE, INC.  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MARYLAND 21043

**boender associates inc.**  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777

**TITLE: GRADING & SEDIMENT CONTROL**  
**PROJECT: CHAPEL CHASE**  
 LOCATION: 5TH ELECTION DISTRICT HOWARD CO., MD.  
 SCALE: 1"=50'  
 DESIGNED BY: J.A. DRAWN BY: J.C.O. CHECKED BY: L.E.B. DATE: DEC, 1987  
 FIELD BOOK: 88 PAGE NO: 111 JOB NO: 2614 DRAWING NO.: 4 OF 7

7/3/88 Review Revising Well  
 DATE REVISION BY

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
*John M. Helm* 4-8-88  
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Stephen L. Smith* 4/6/88  
 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
*John A. Boender* 11/1/88  
 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.  
*John A. Boender* 11/1/88  
 ENGINEER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Neil H. [Signature]*  
 Chief, Land Development Division Date

*Drawville W. McLeod* 4/19/88  
 Chief, Bureau of Highways Date

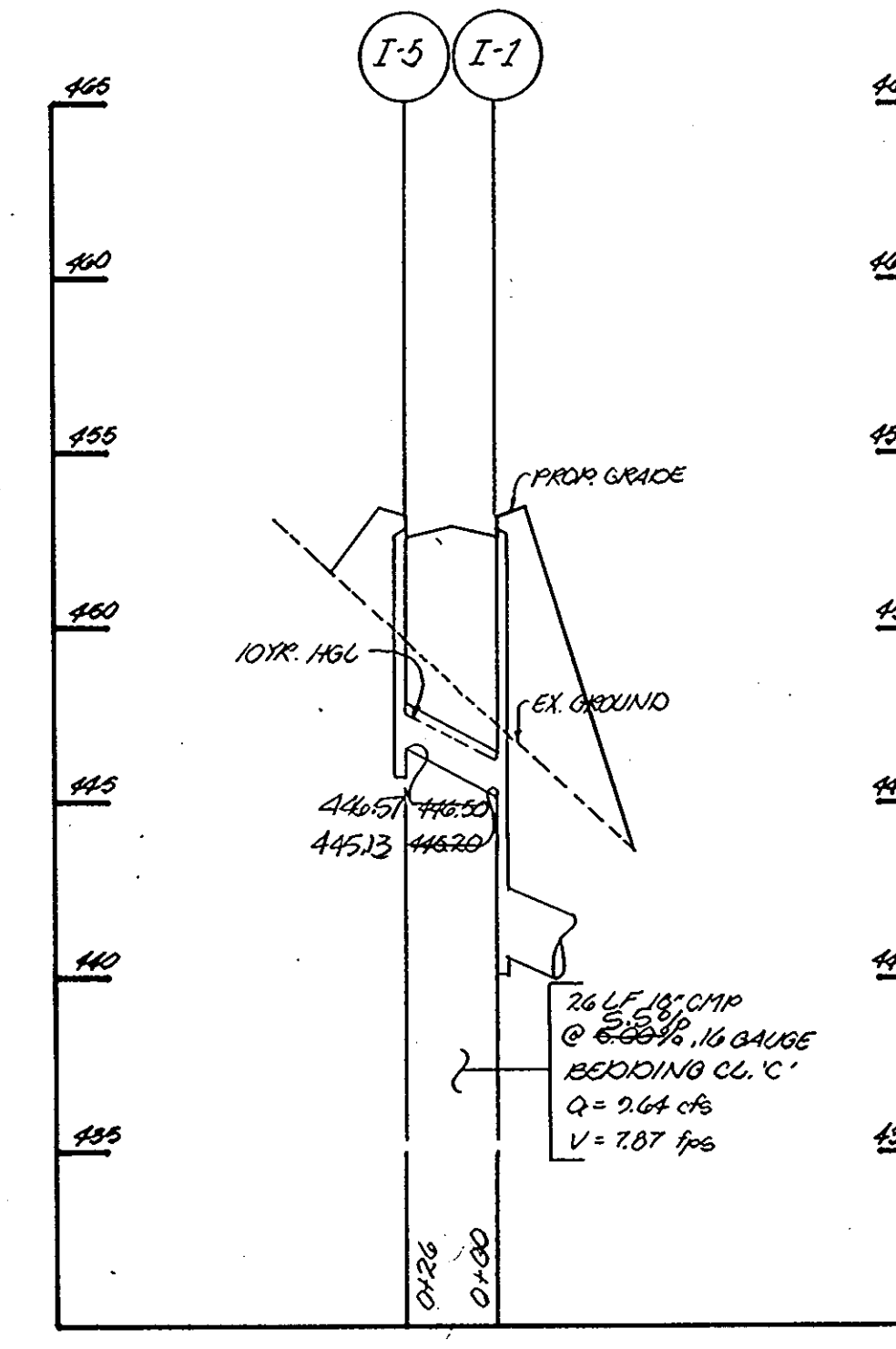
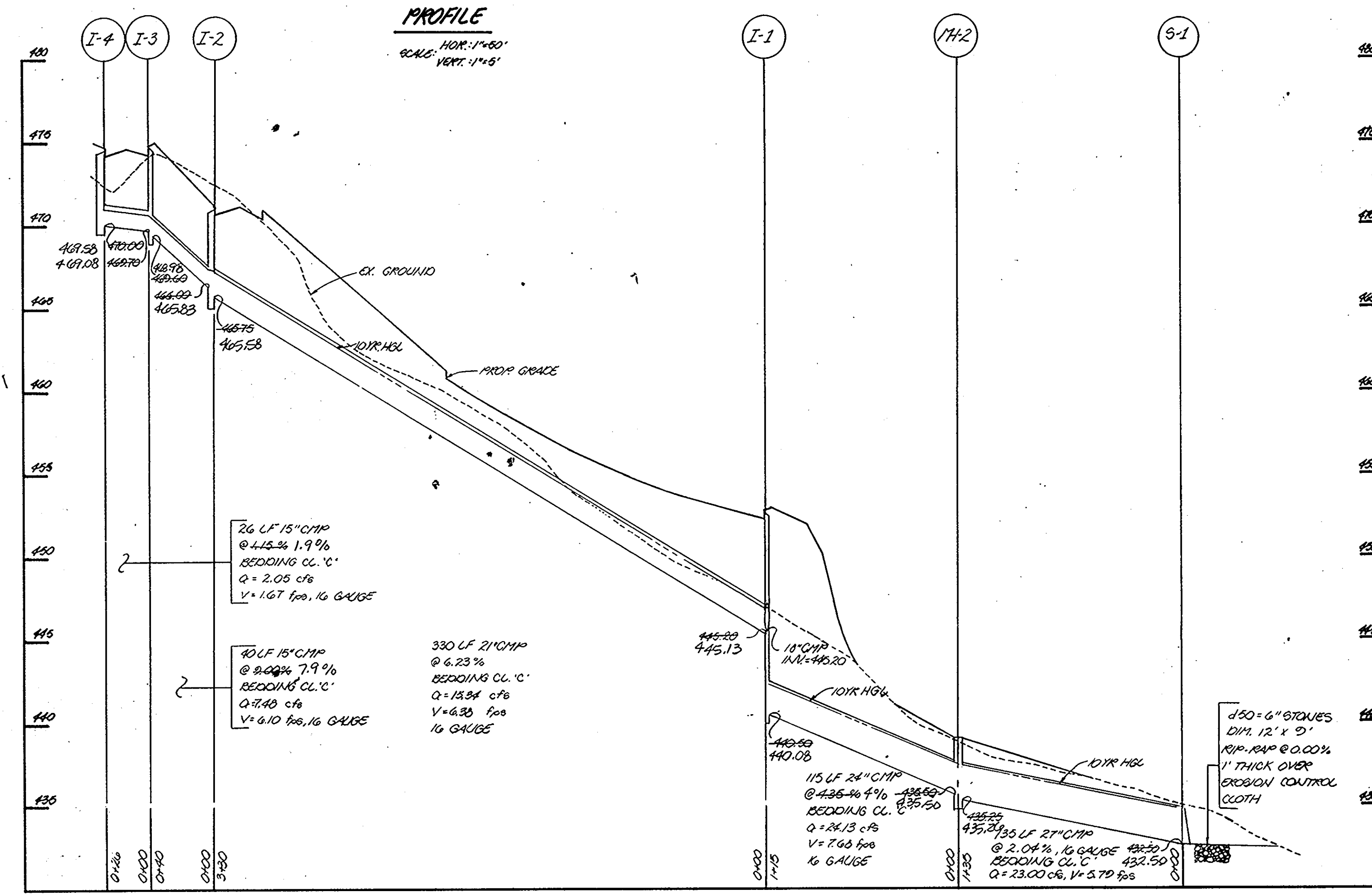
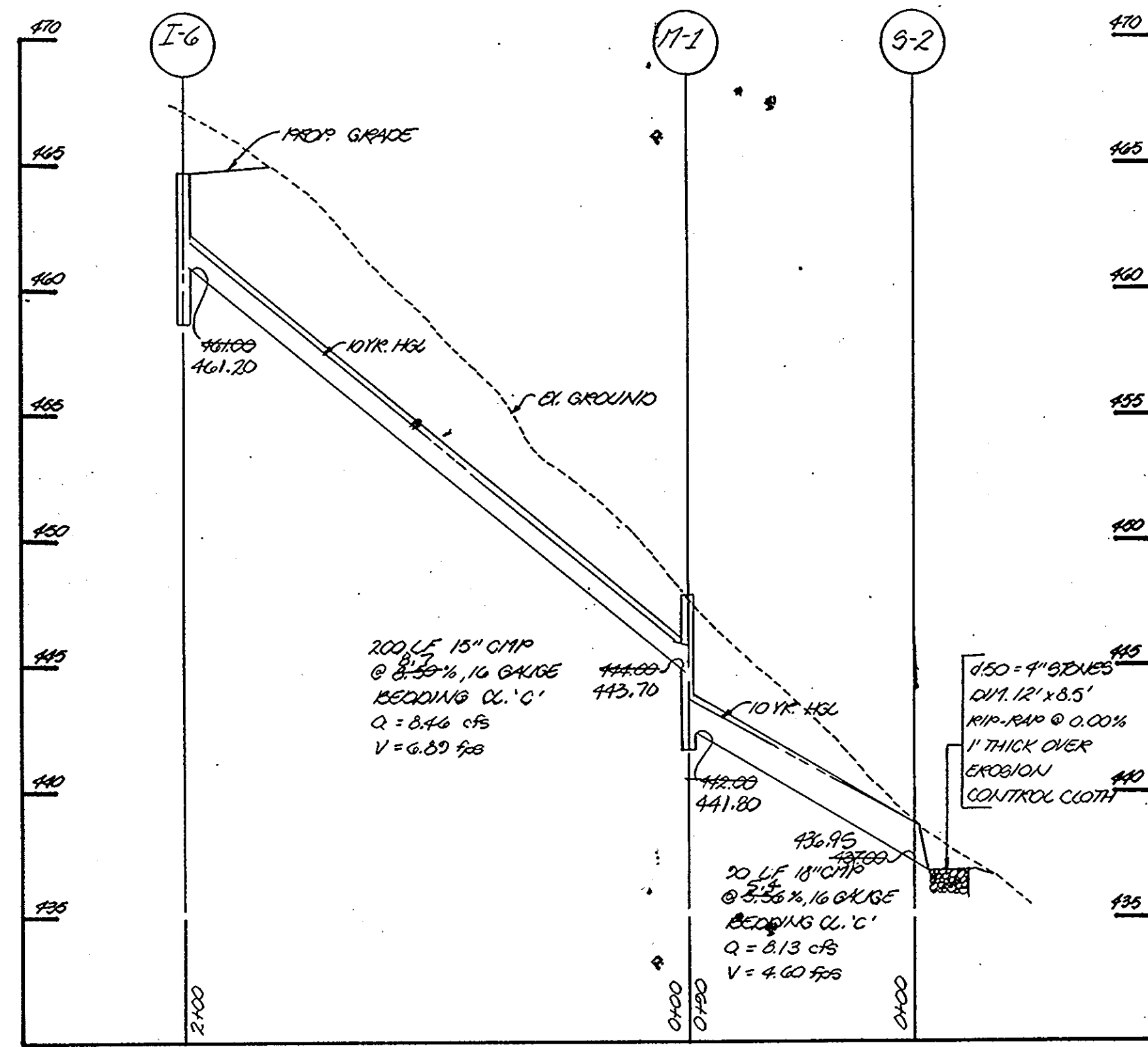
*William R. [Signature]* 4-19-88  
 Chief, Bureau of Engineering Date

APPROVED: OFFICE OF PLANNING AND ZONING  
*Edward K. [Signature]* 5/2/88  
 Chief, Division of COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

FOR CONTINUATION OF LIMIT OF DISTURBANCE SEE DRAINAGE AREA MAP DRAWING 3 OF 7

FOR CONTINUATION OF LIMIT OF DISTURBANCE SEE DRAINAGE AREA MAP DRAWING 3 OF 7

1359



NOTE: TRENCH BEDDING SHALL BE IN ACCORDANCE TO STANDARD DETAIL G-2.01.

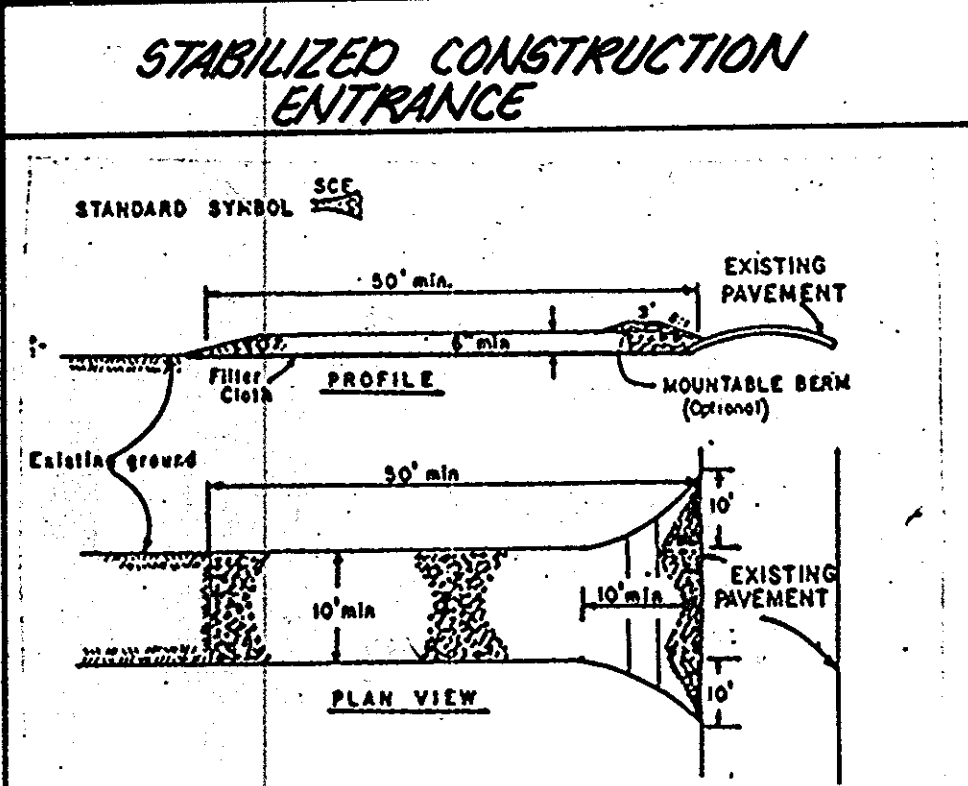
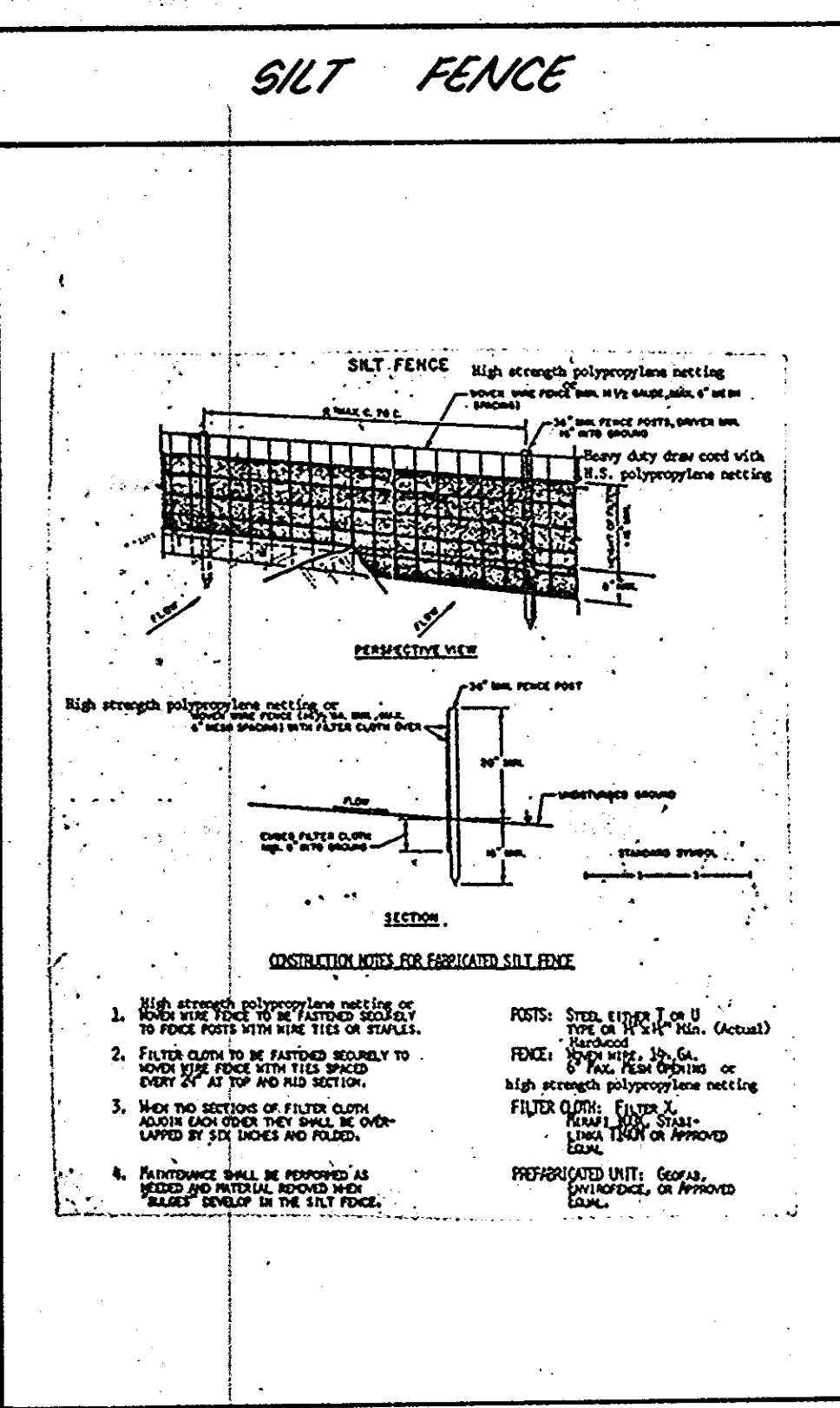
OWNER/DEVELOPER  
 CHAPEL CHASE JOINT VENTURE, INC.  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043

APPROVED: HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division  
 Chief, Bureau of Highways  
 Chief, Bureau of Engineering  
 APPROVED: OFFICE OF PLANNING AND ZONING  
 Chief, Division of COMMUNITY PLANNING AND LAND DEVELOPMENT



TITLE: STORM DRAIN PROFILES			
PROJECT: CHAPEL CHASE			
LOCATION: 5 TH ELECTION DISTRICT, HOWARD CO., MD.			
SCALE: AS SHOWN	DESIGNED BY: E.C.	DRAWN BY: J.C.O.	CHECKED BY: L.E.B.
FIELD BOOK: -	PAGE NO.: -	JOB NO.: 8814	DATE: DEC, 1987
		DRAWING NO.: 5 OF 7	

boender associates inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777



### SEEDING NOTES

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

**Seeding Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, IF NOT PREVIOUSLY LOGGED.

**Soil Amendment:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

**Seeding:** For periods March 1 thru April 30, and August 1 thru October 15, seed with 50 lbs per acre (14 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.03 lbs/1000 sq ft) of weeping lovegrass. During the period of October 15 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) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal/acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 2 ft. min. higher, use 345 gal/acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 HANDBOOK STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

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

*John A. Stelm* 4-8-88  
U.S. SOIL CONSERVATION SERVICE DATE

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

*Stephen L. Jordan* 4/8/88  
SOIL CONSERVATION DISTRICT DATE

DEVELOPER'S CERTIFICATE

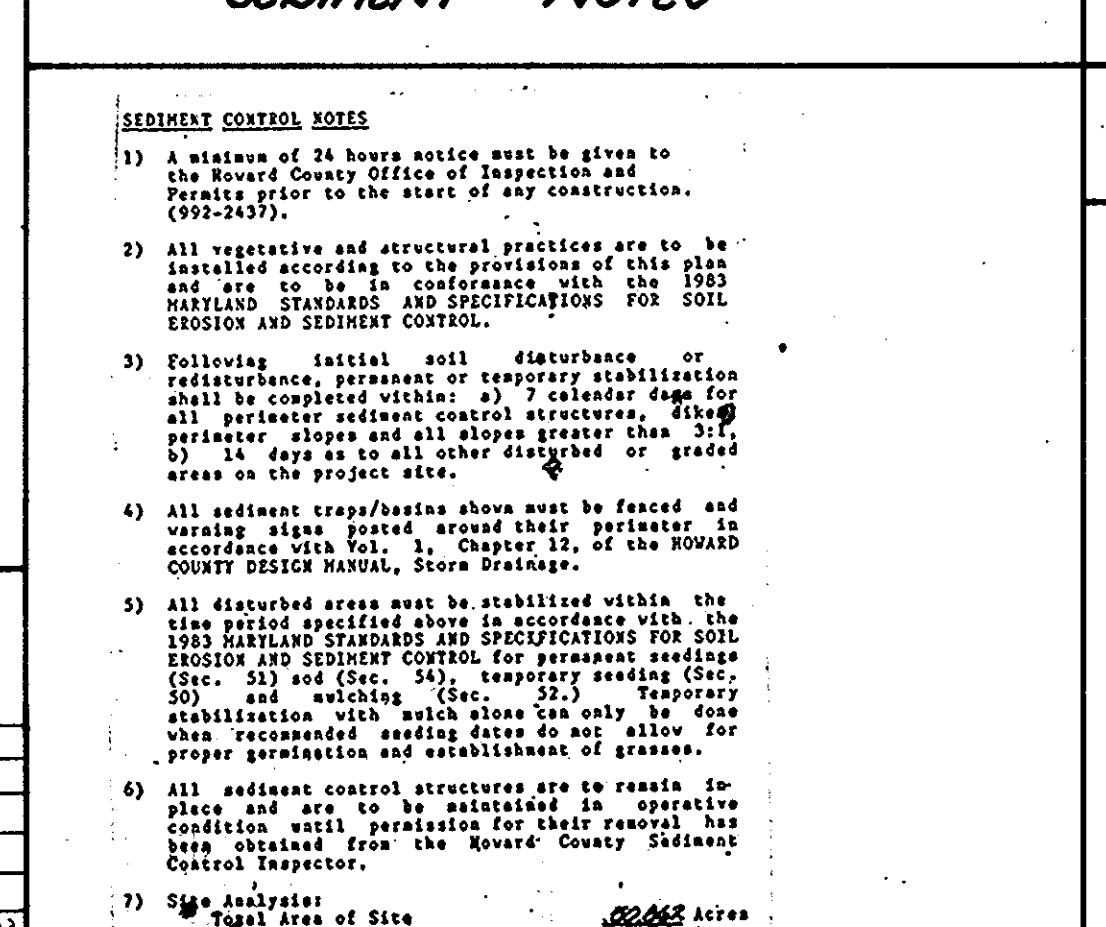
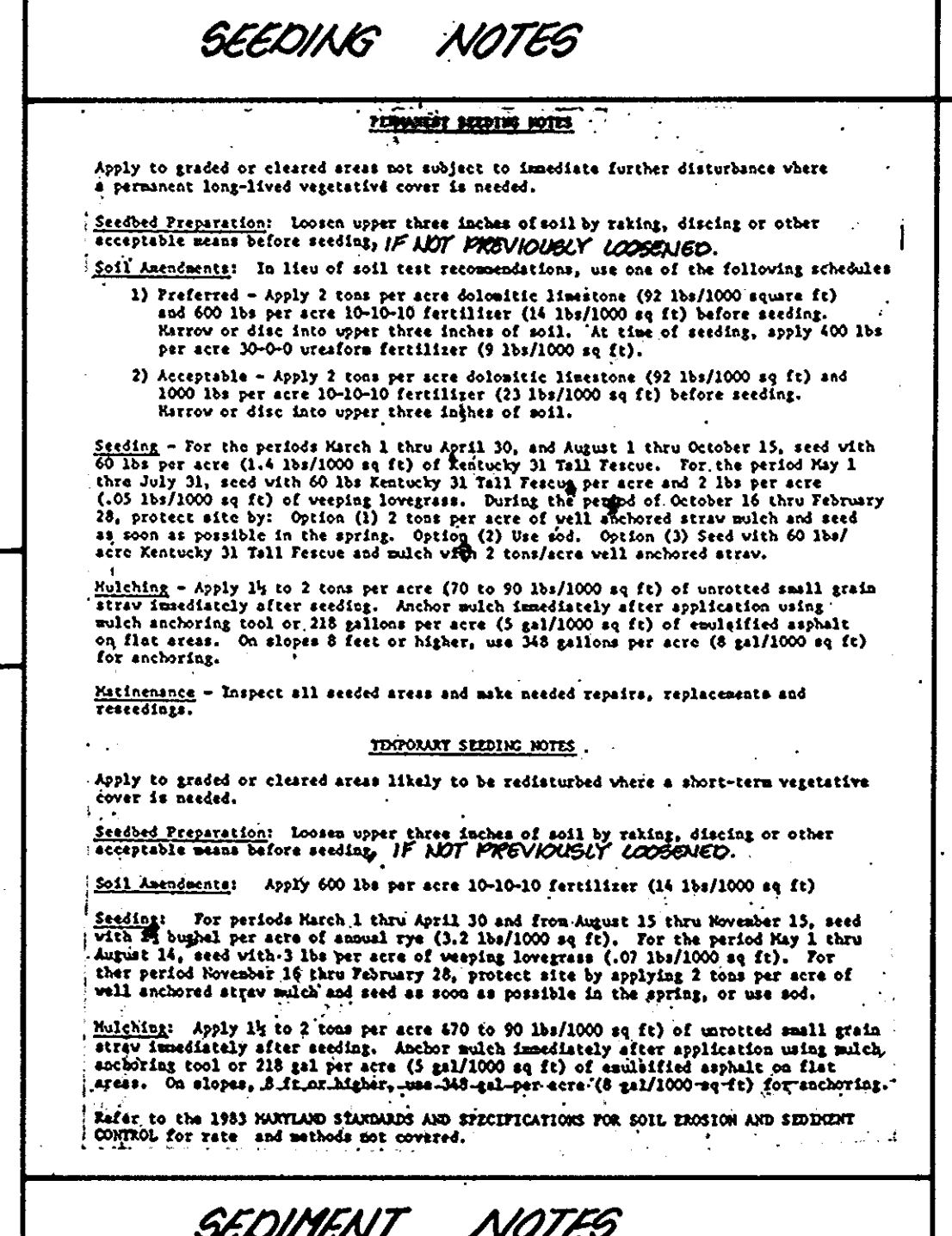
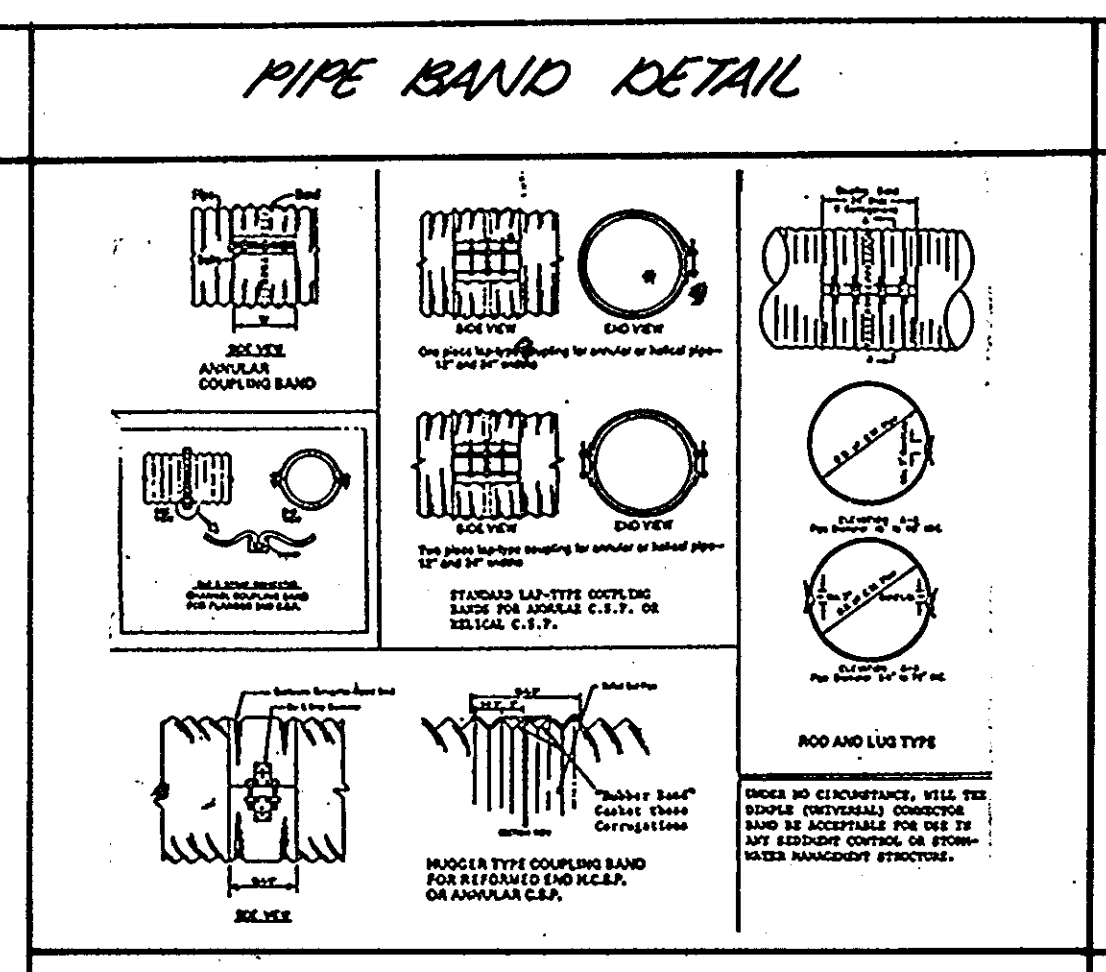
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING 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 OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.

*John A. Stelm* 4-13-88  
DEVELOPER DATE

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*John A. Stelm* 4/13/88  
ENGINEER DATE



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

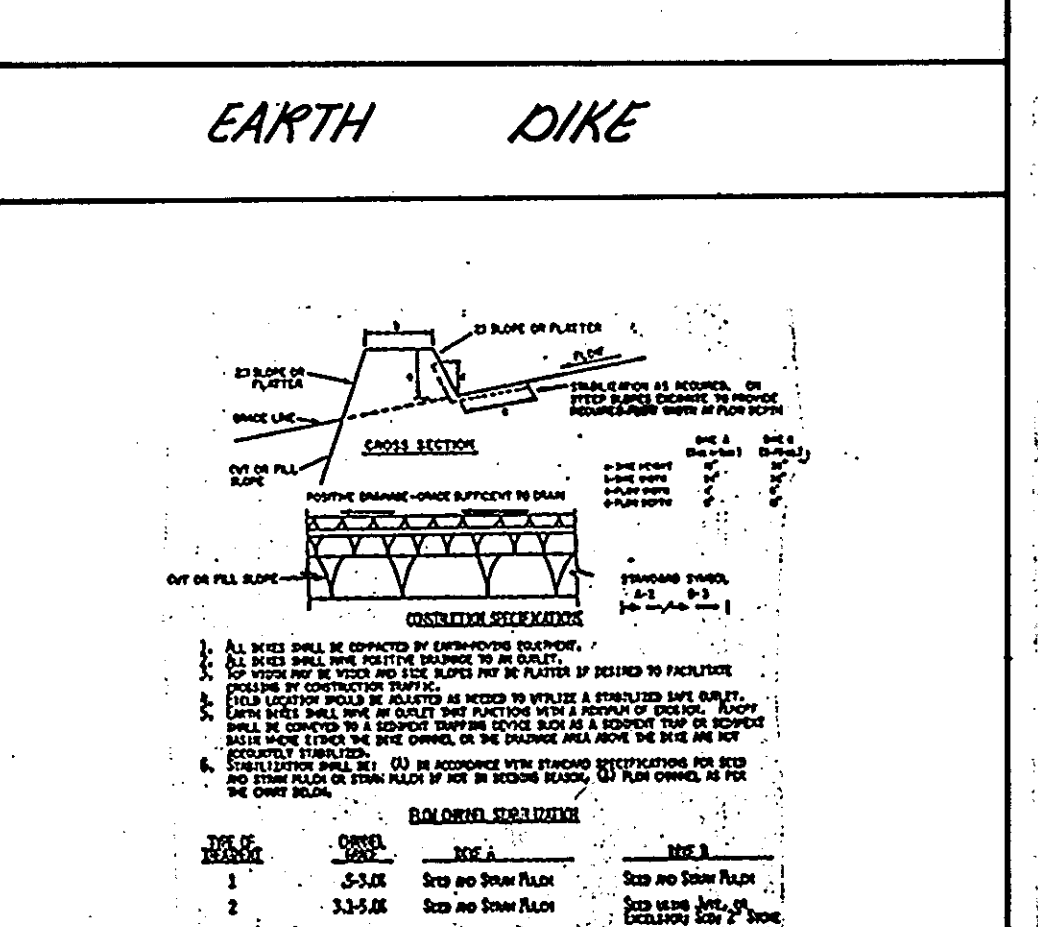
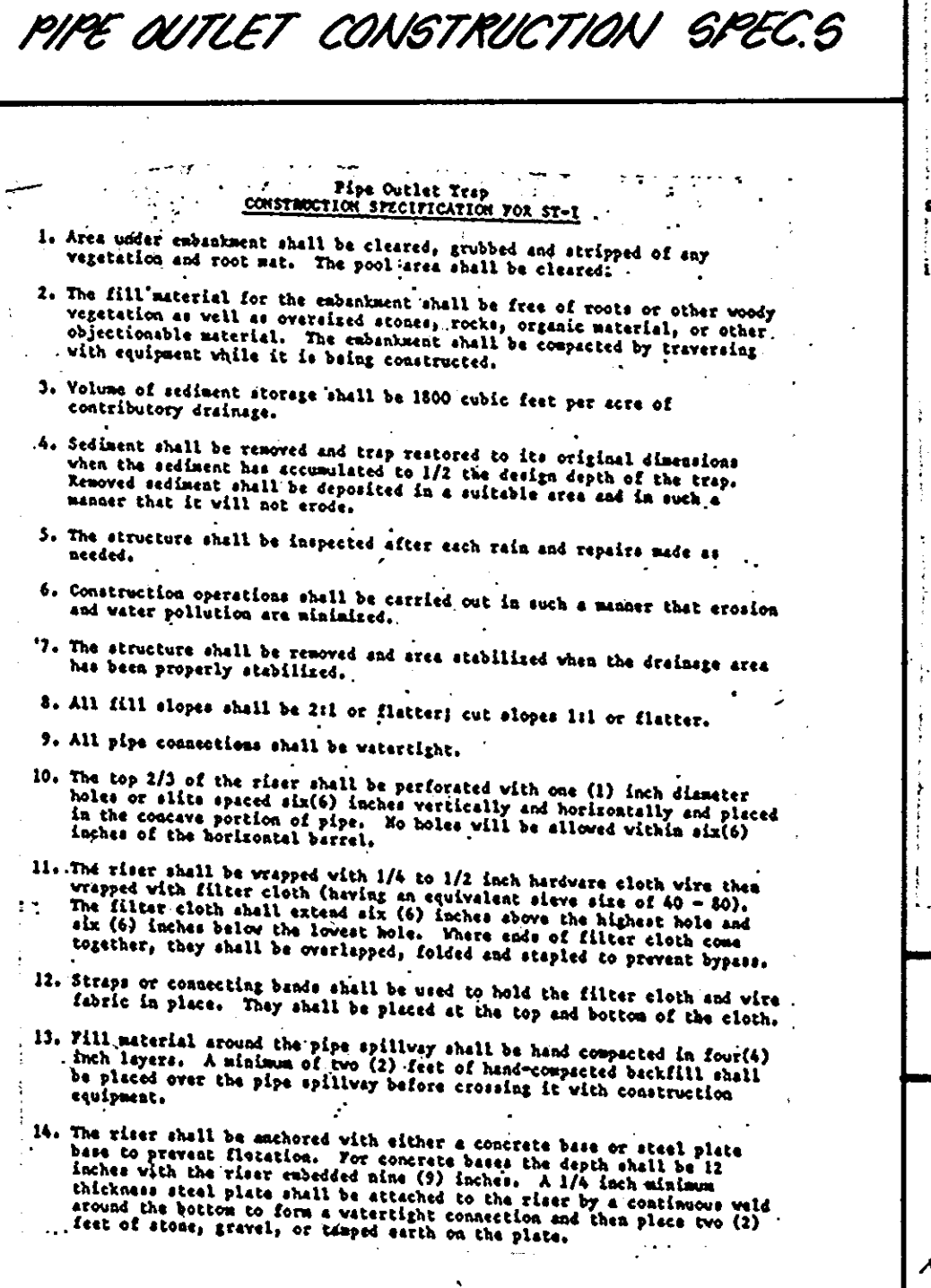
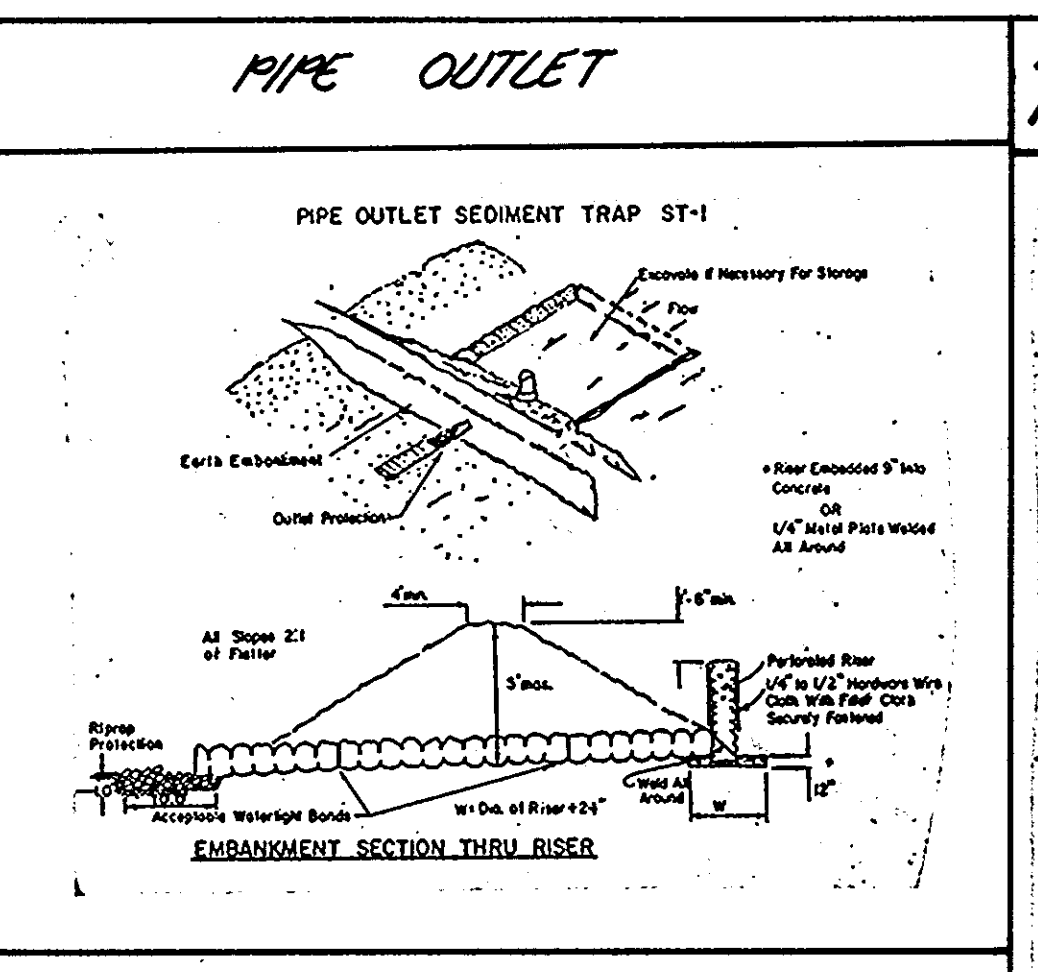
*Walter H. ...* 4-19-88  
Chief, Land Development Division Date

*William M. Williams* 4/19/88  
Chief, Bureau of Highways Date

*William E. Reg* 4-19-88  
Chief, Bureau of Engineering Date

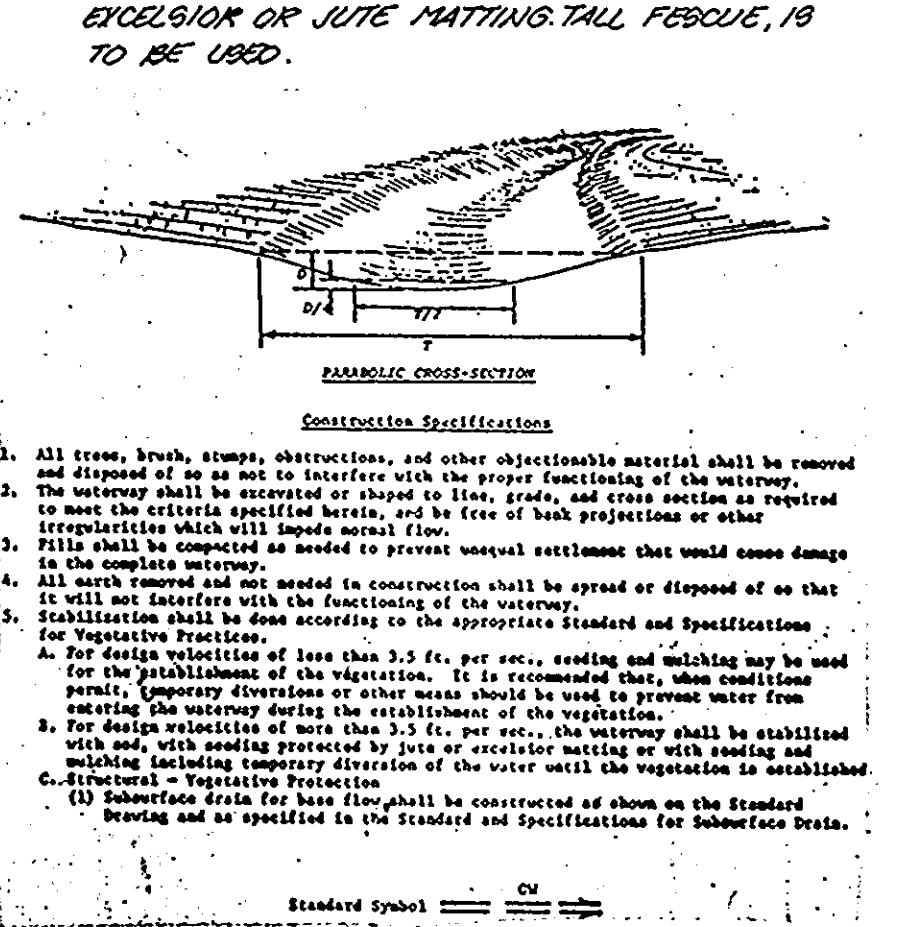
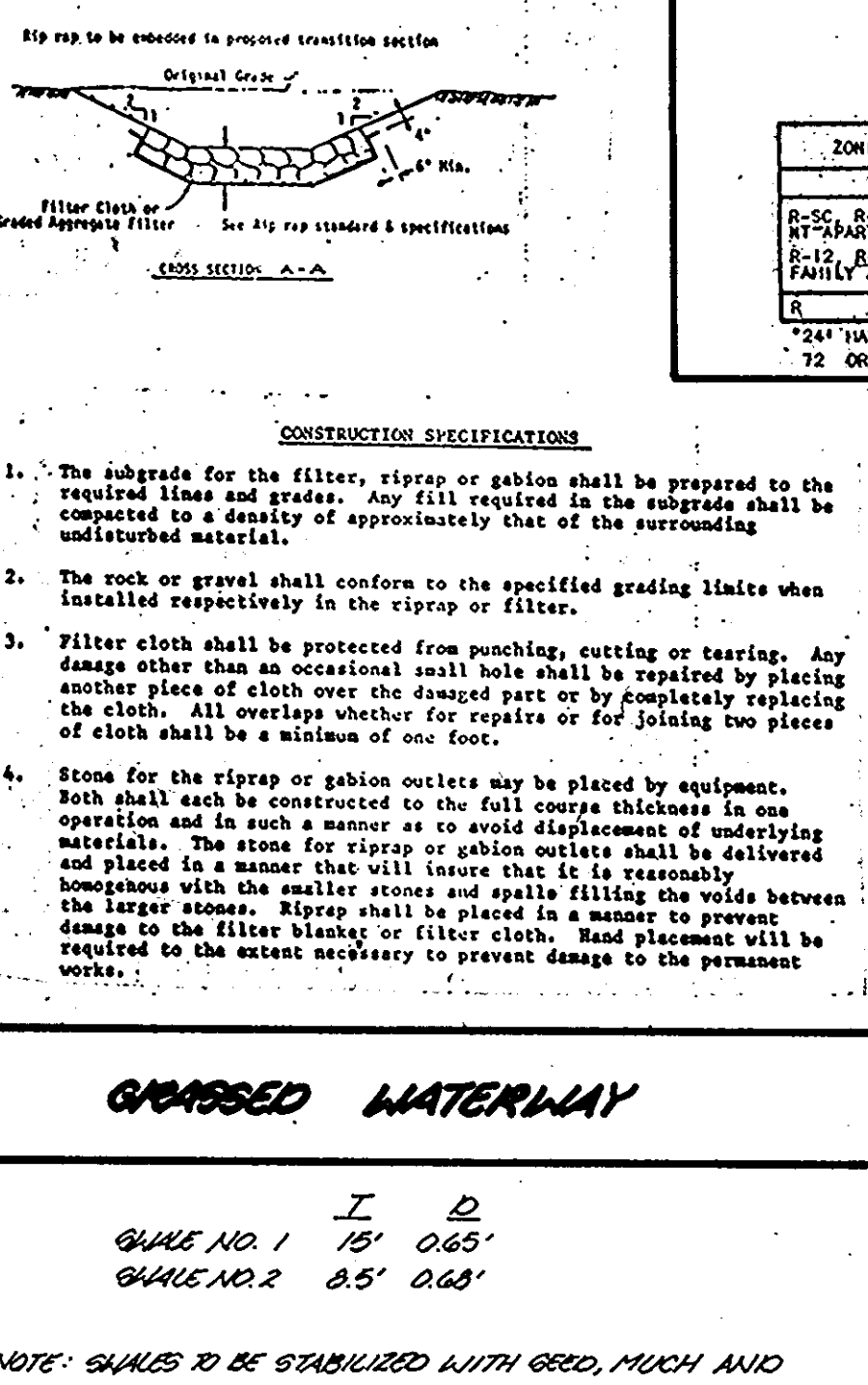
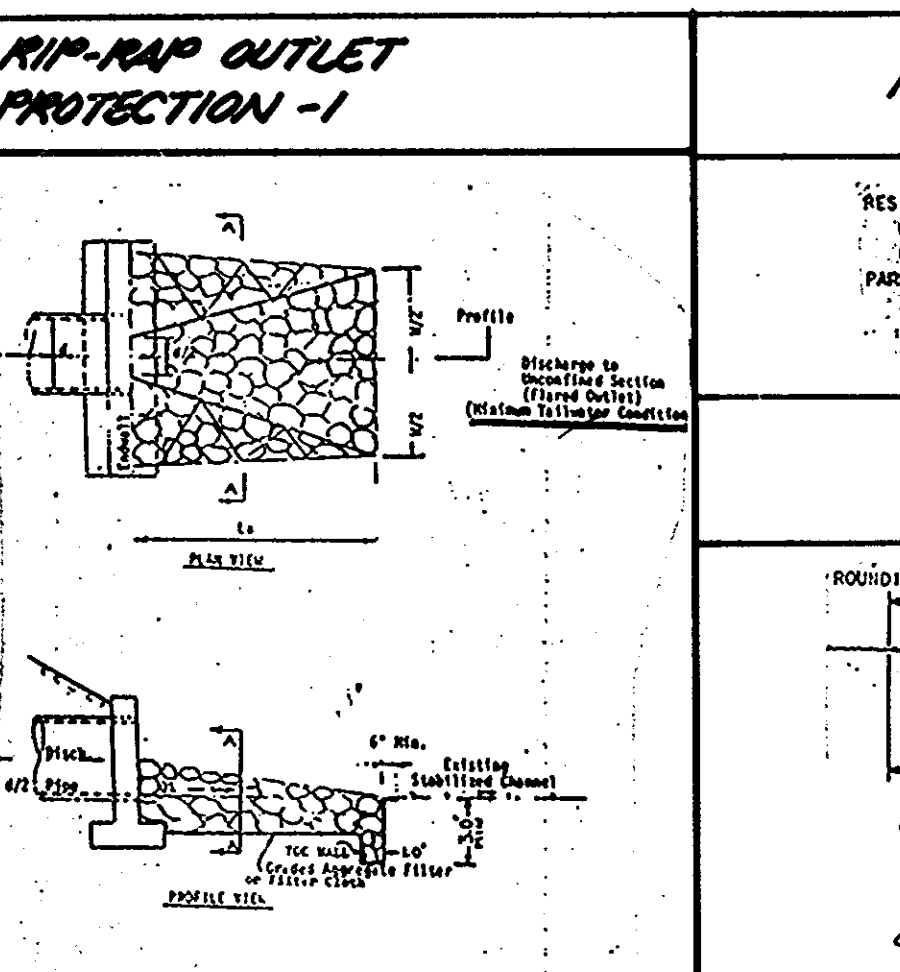
APPROVED: OFFICE OF PLANNING AND ZONING

*Howard ...* 5/2/88  
Chief, Division of Community Planning and Development Date



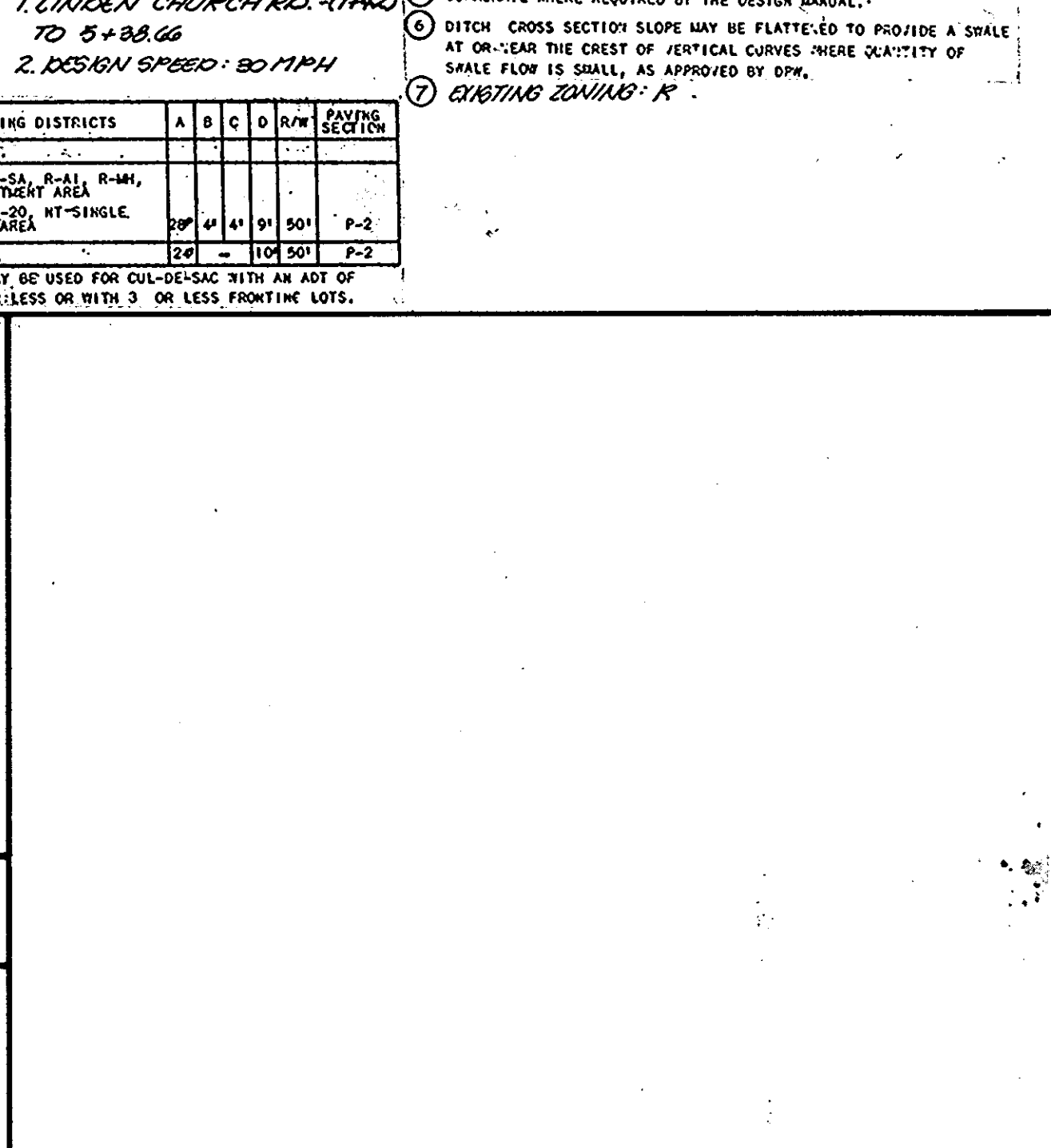
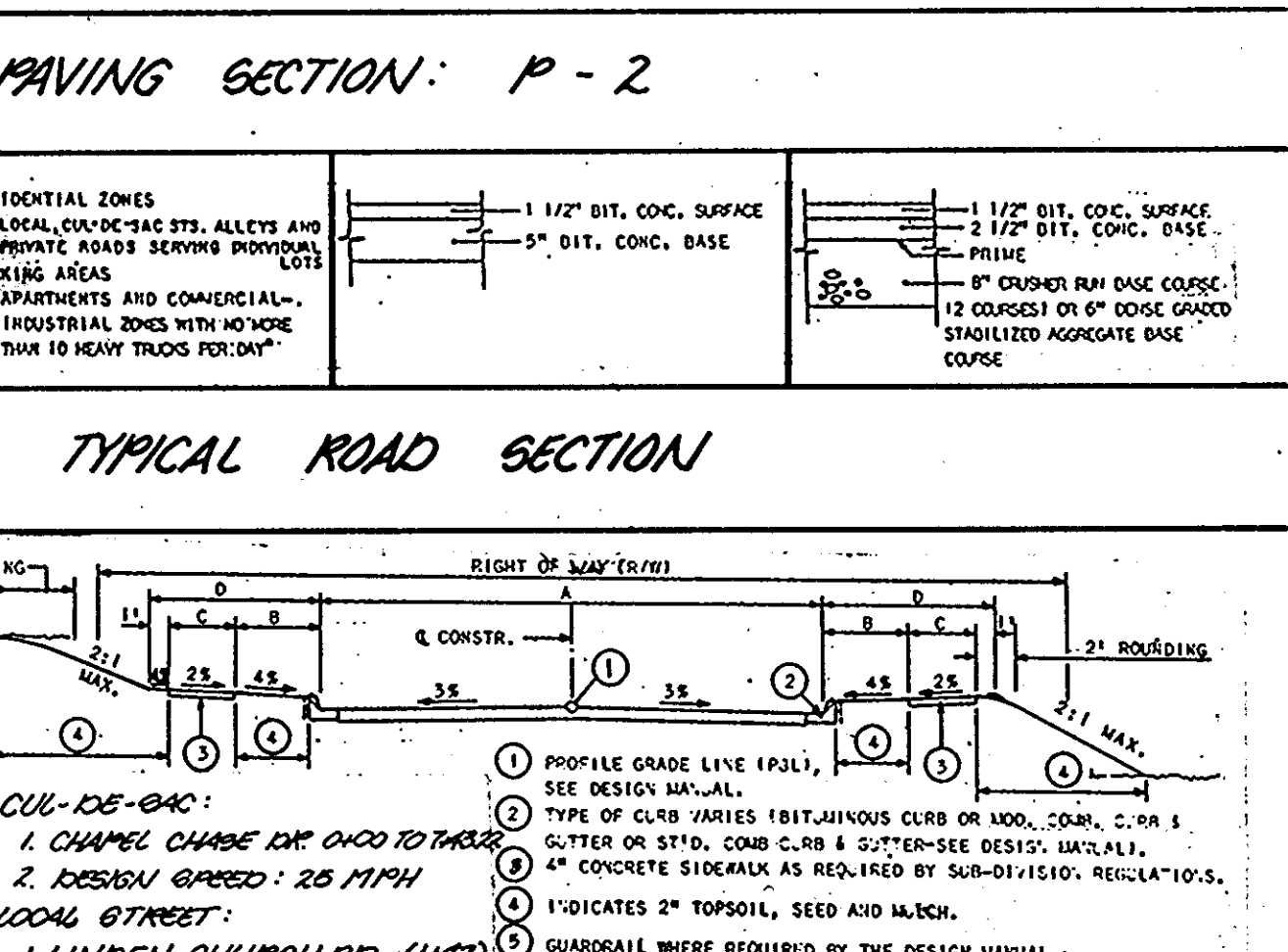
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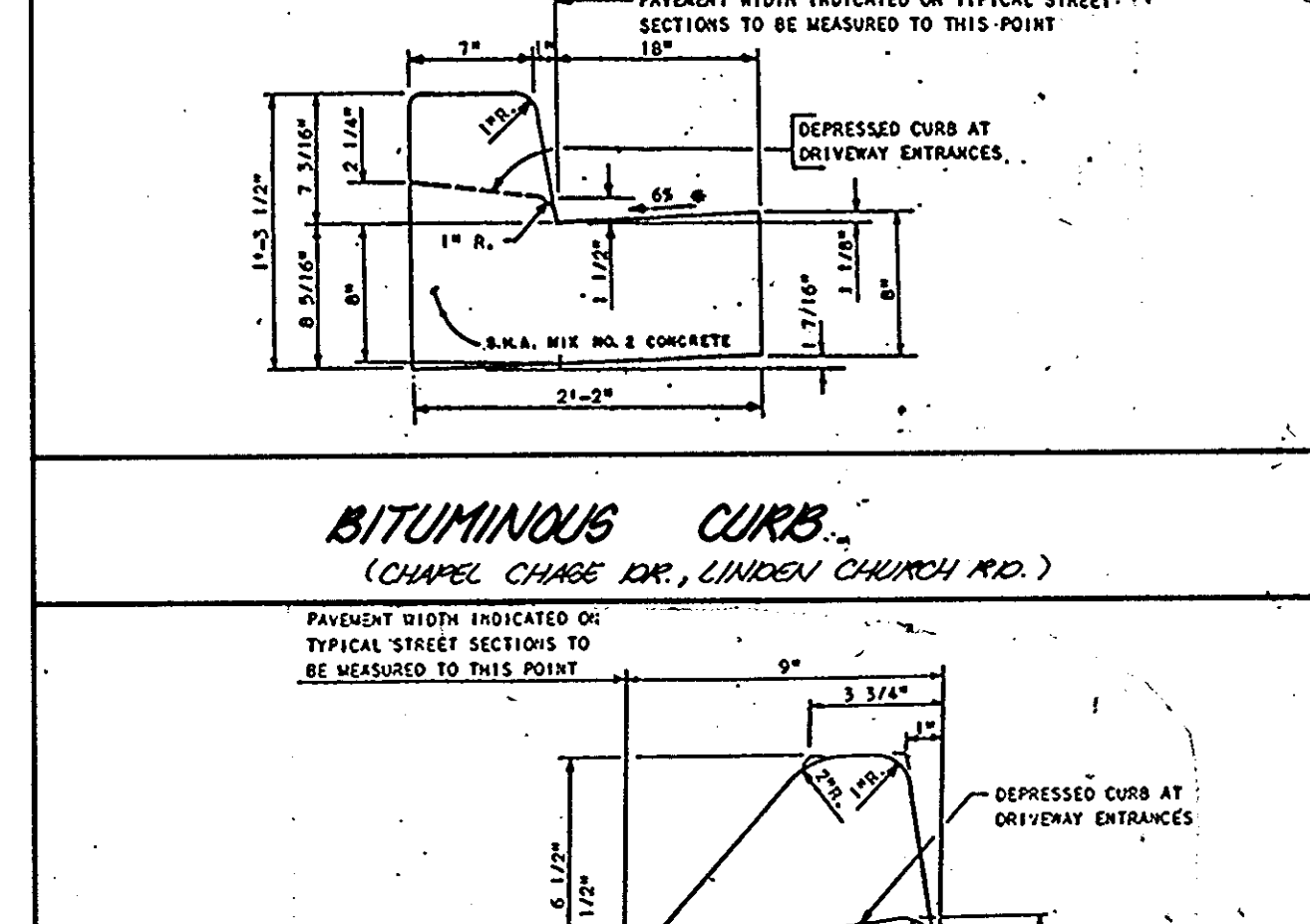
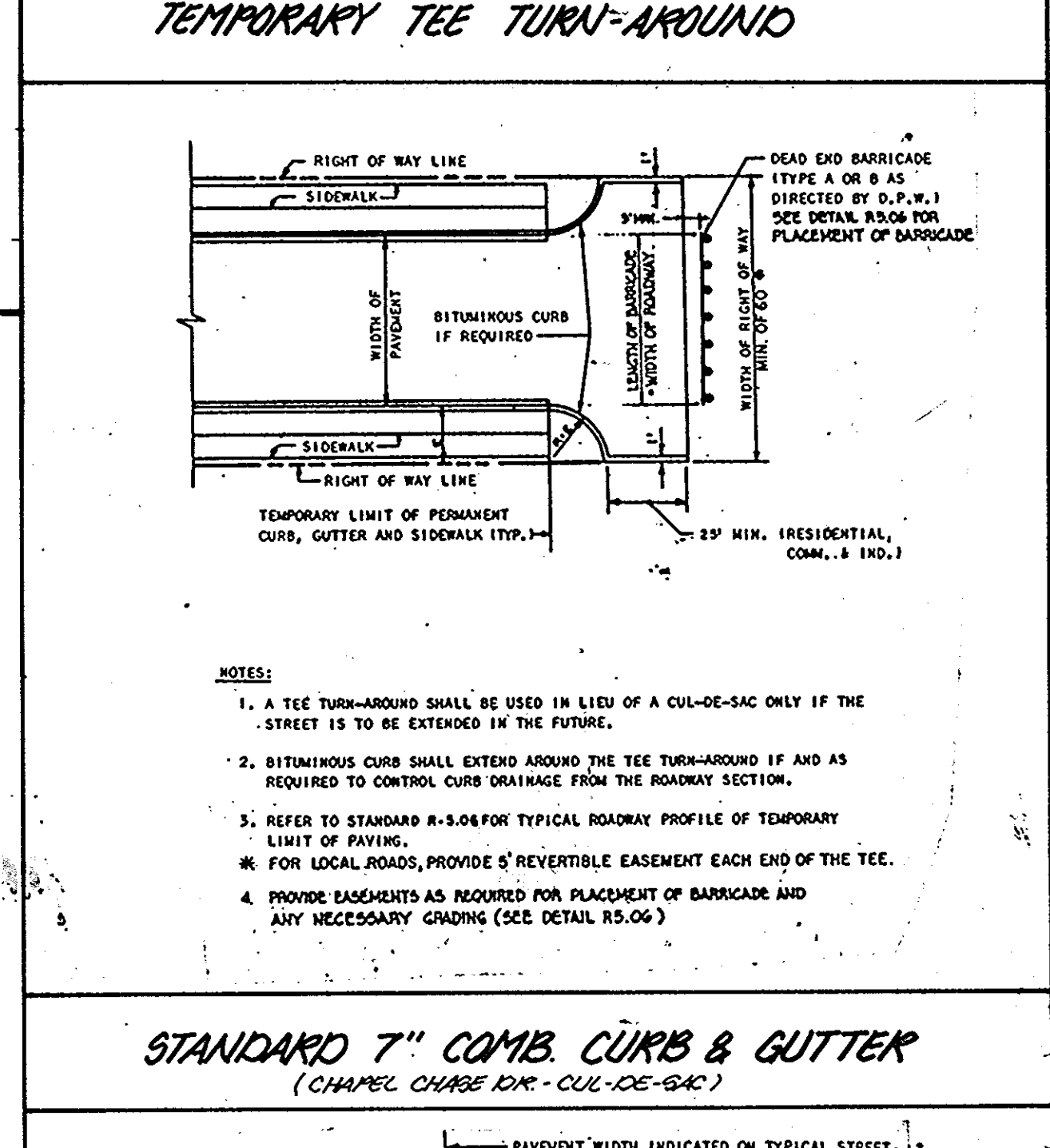
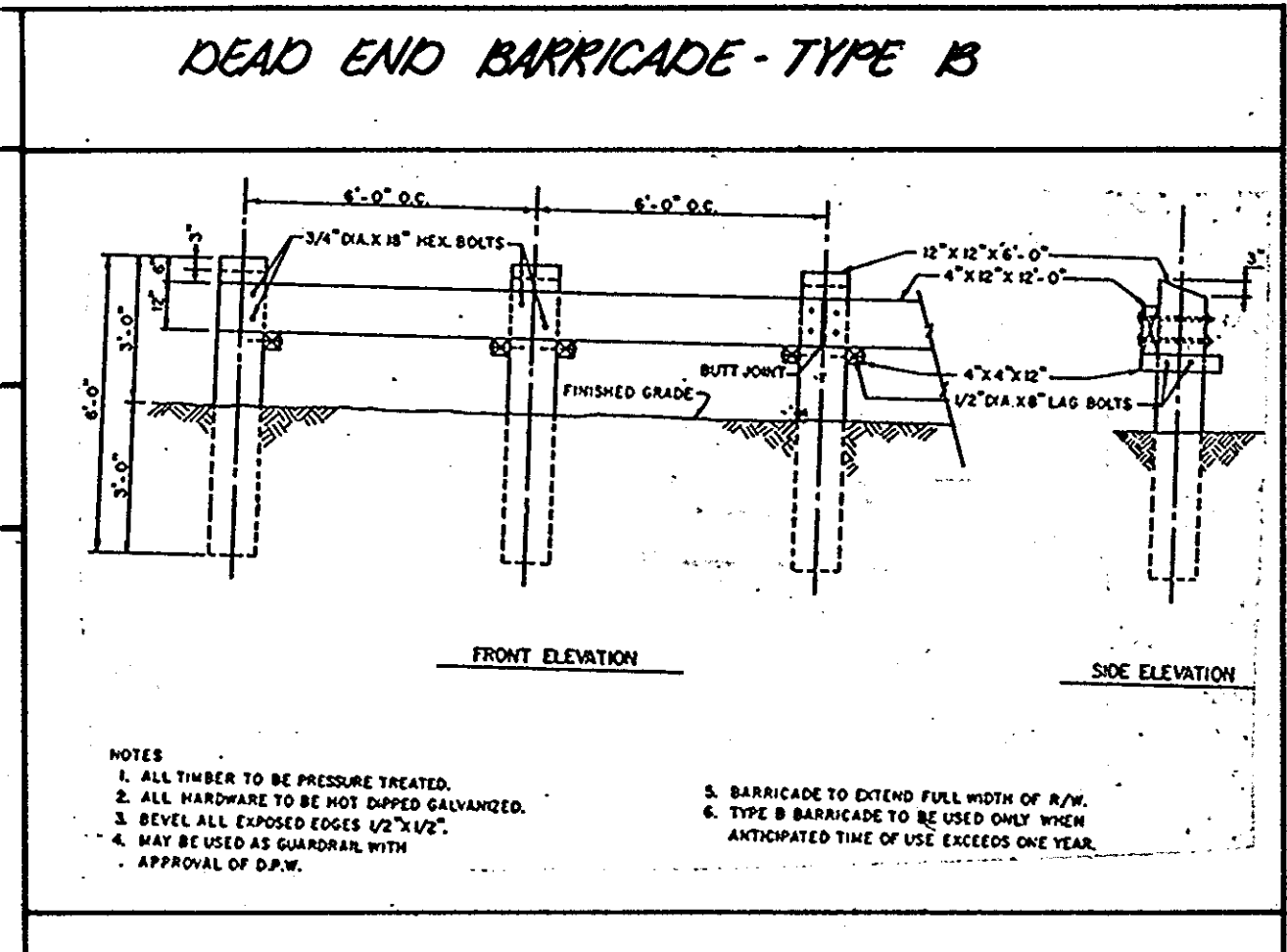
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Chief, Division of Community Planning and Development Date



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*Howard ...* 5/2/88  
Chief, Division of Community Planning and Development Date

**OWNER/DEVELOPER**

CHAPEL CHASE JOINT VENTURE  
3665 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MARYLAND 21034

**boender & associates inc.**  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD. 21034  
(301) 465-7177

TITLE: DETAILS & SEDIMENT CONTROL NOTES  
PROJECT: CHAPEL CHASE  
LOCATION: 5TH ELECTION DISTRICT HOWARD CO., MD.  
SCALE: AS SHOWN DESIGNED BY: J.C.O. DRAWN BY: L.E.B. CHECKED BY: DATE: DEC. 1987  
FIELD BOOK: PAGE NO.: JOB NO.: 844 DRAWING NO.: 6 OF 7

