

Recorder's Plat  
 40' x 110' in Telephone Pole #170003 at rear of  
 Lot 4 and 5, Block 'K' Elev. 325.07

W.T. & A. D.M. 50  
 P.K. 4 T.T. N1/4 E. root of 50' Oak 175' from  
 MH #4610 to MH #4617 36' East Elev. 350.00

REMOVE EX. ENDWALL  
 BUILD PROP'S CURB  
 INLET CONNECT PROP.  
 24" RCCP

COST OF RESURFACING IN THIS AREA  
 WILL BE INCLUDED IN CONTRACT.  
 WORK TO BE DONE UNDER THE  
 DIRECTION OF THE ENGINEER IN THE FIELD.

EX. ALUMINUM CURB  
 EX. 24" RCCP CLIV  
 SEE SH. 1 OF 3 BEAVERDROOK SEC. B

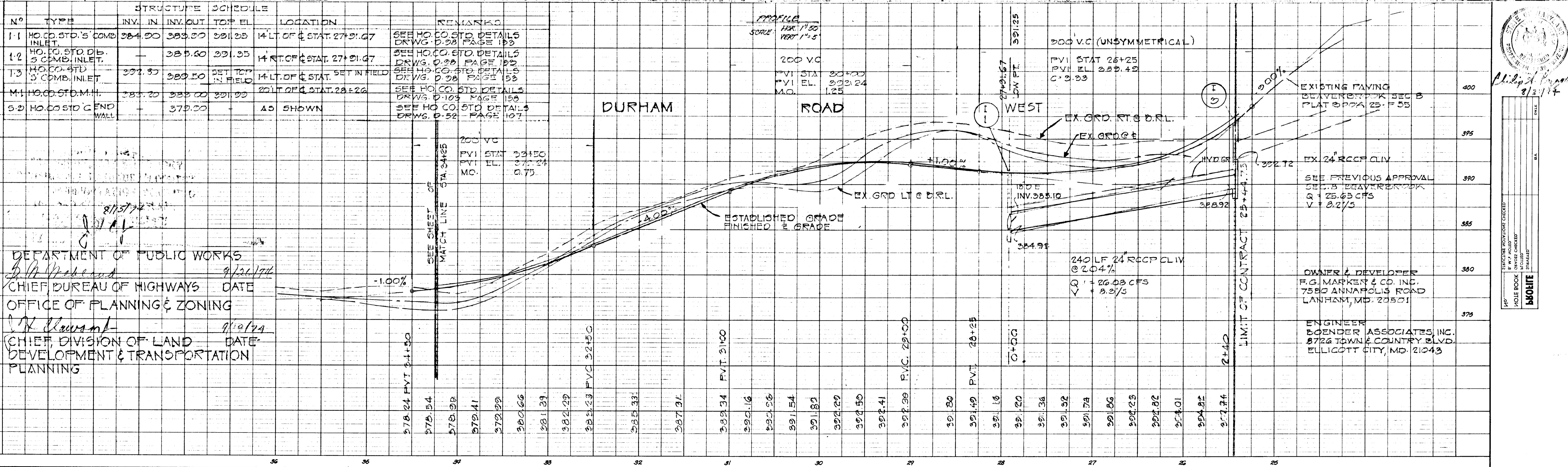
*Philip A. Boyle*  
 REGISTERED LAND SURVEYOR  
 5/20/74 DATE

STATE OF MARYLAND  
 PROFESSIONAL SURVEYOR  
 PHILIP A. BOYLE  
 LICENSE NO. 1480

PLAN & PROFILE  
 DURHAM ROAD WEST  
**BEAVERDROOK SECTION 10**

5<sup>TH</sup> ELECTION DISTRICT  
 SCALE AS SHOWN  
 HOWARD CO., MARYLAND  
 APRIL 8, 1974

SHEET 2 OF 3



DEPARTMENT OF PUBLIC WORKS  
*John M. ...* 9/26/74  
 CHIEF BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING & ZONING  
*W. Clavant* 9/19/74  
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE

STATE OF MARYLAND  
 PROFESSIONAL SURVEYOR  
 PHILIP A. BOYLE  
 LICENSE NO. 1480

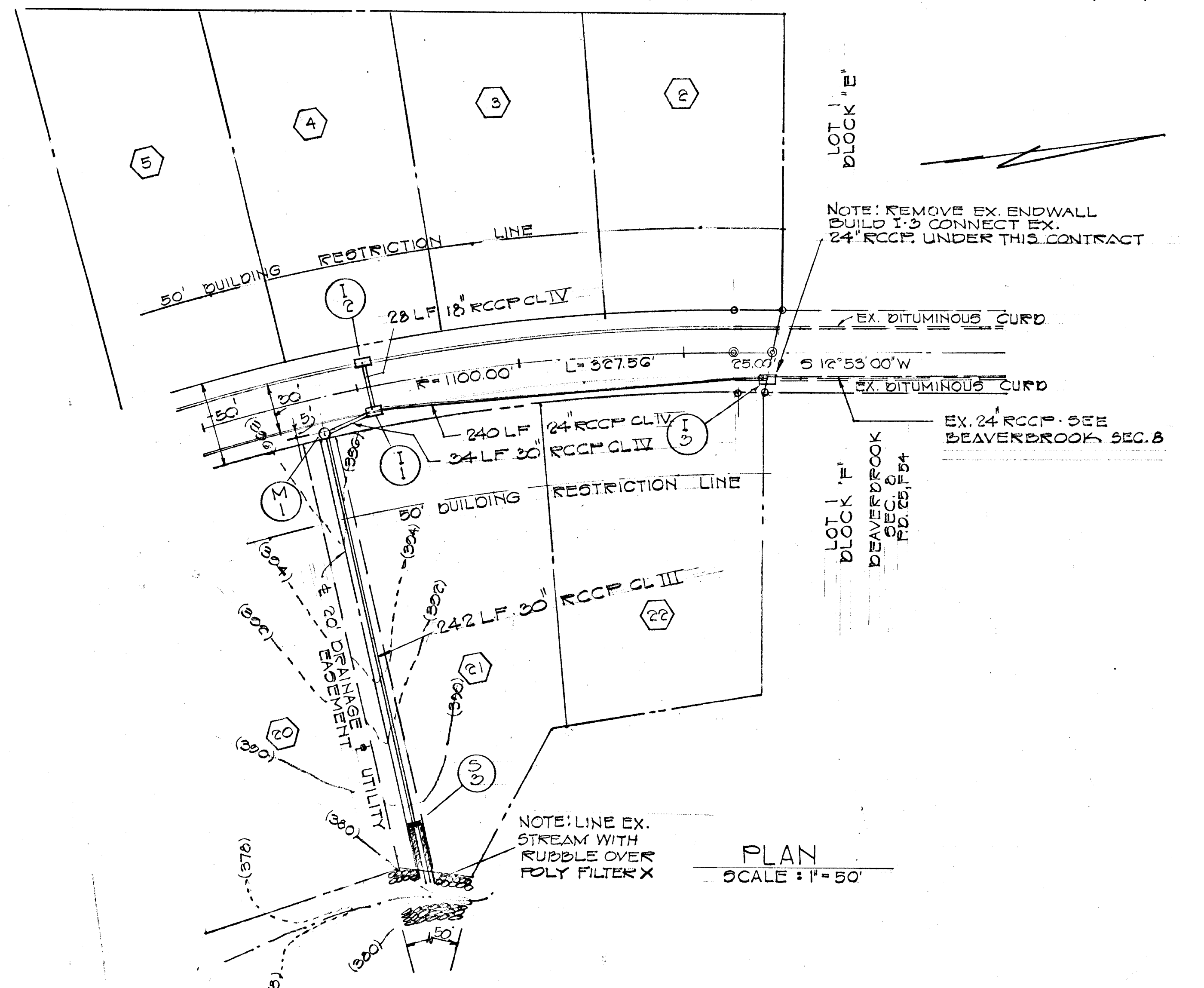
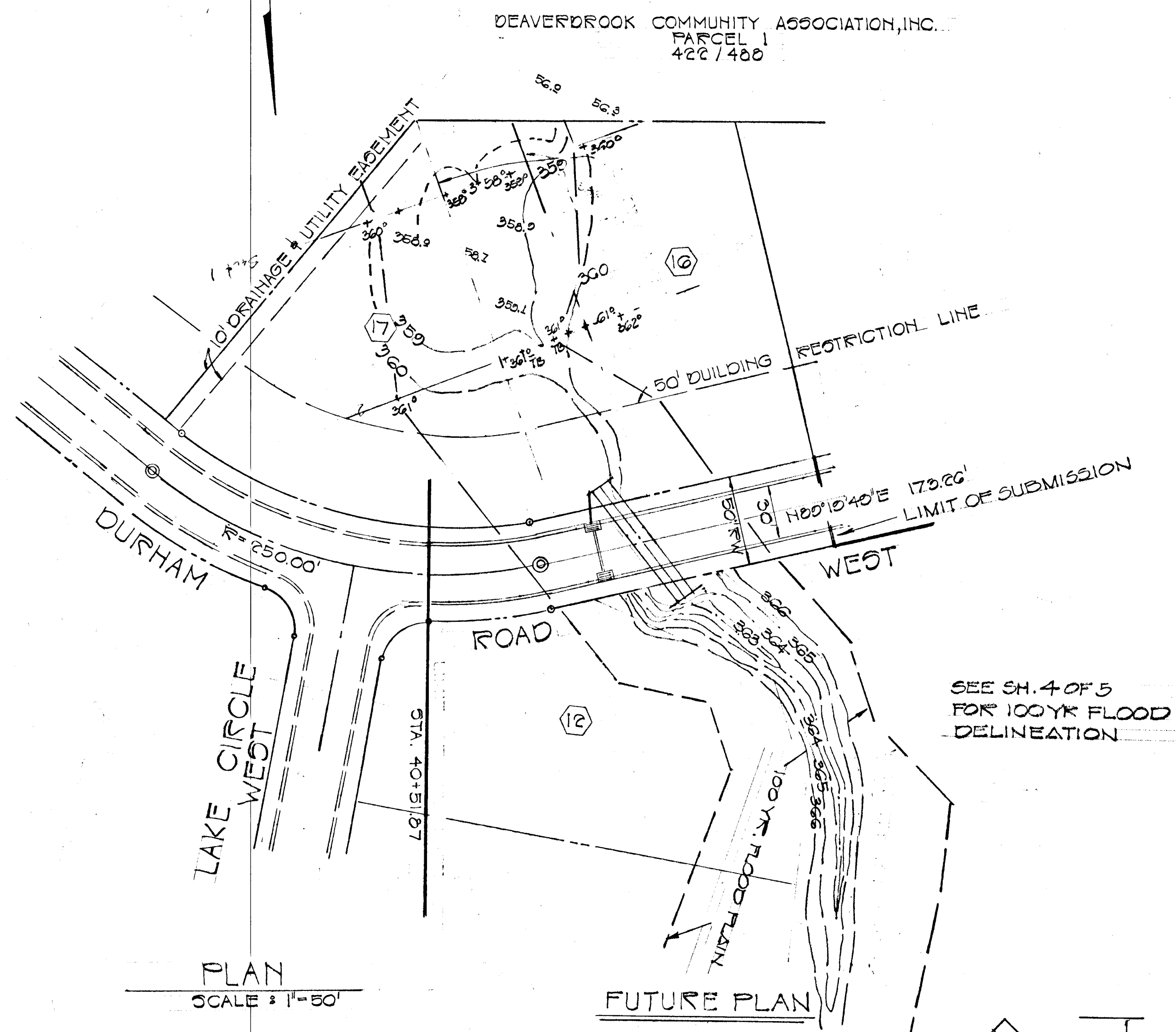
8/2/74

STRUCTURE PORTION CHECKED  
 BY: [ ]  
 HOLE BOOK  
 HOLE CHECKED  
 HOLE DRILLED  
 BRONITE



REVISIONS				
ISSUE	BY & DATE	DESCRIPTION	CHECK	APPROVED & DATE

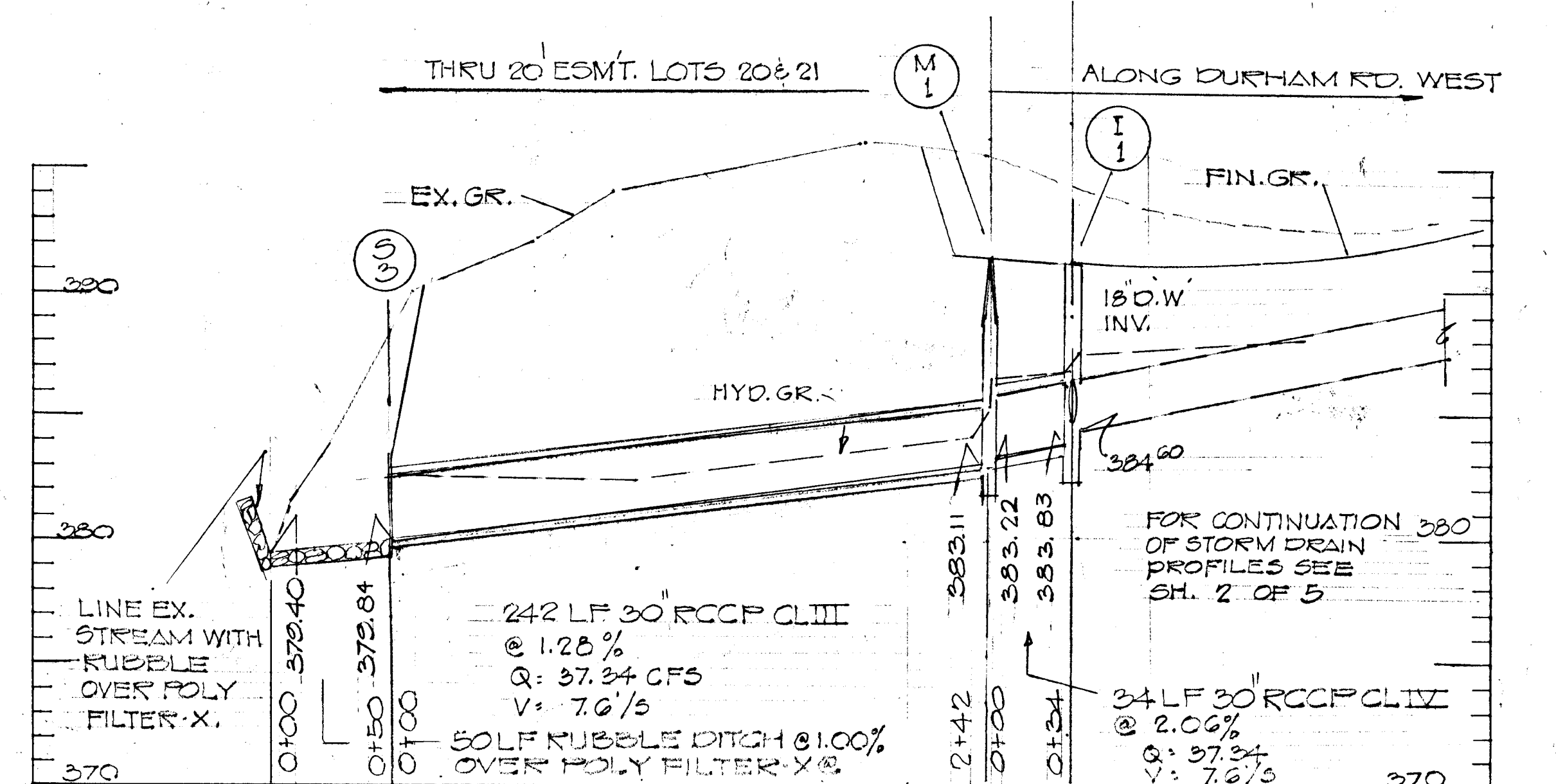
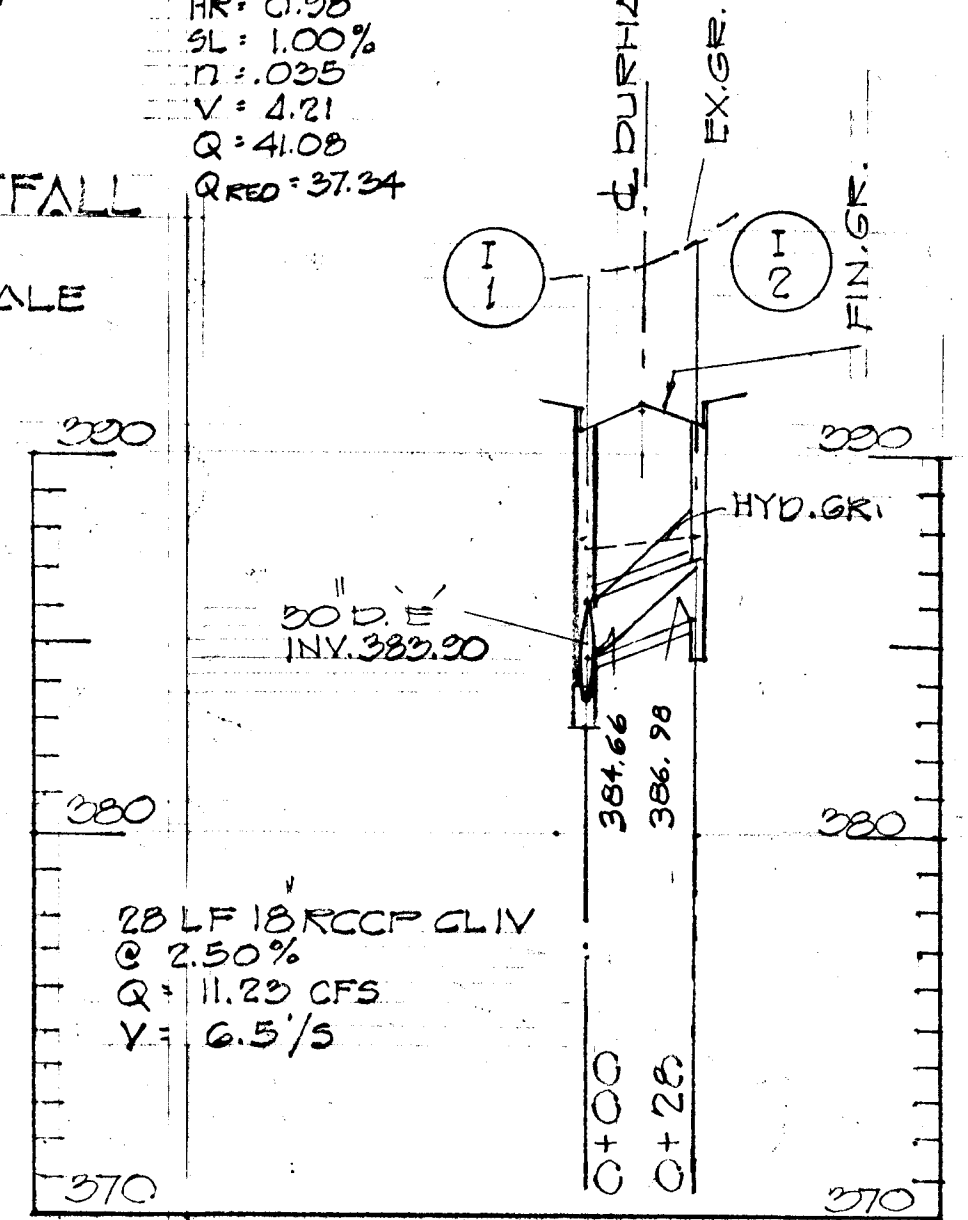
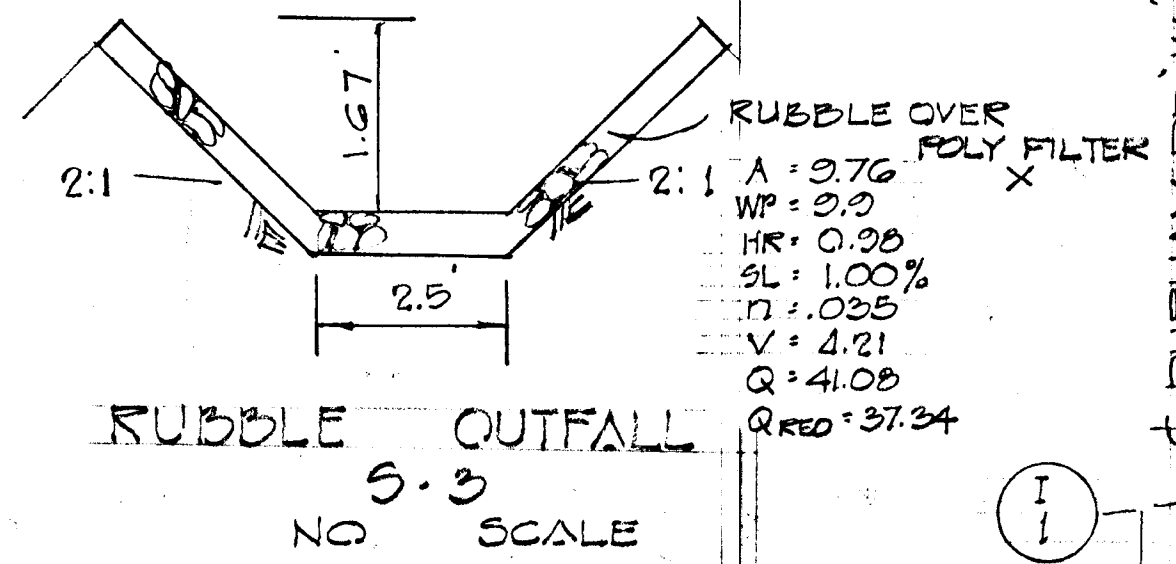
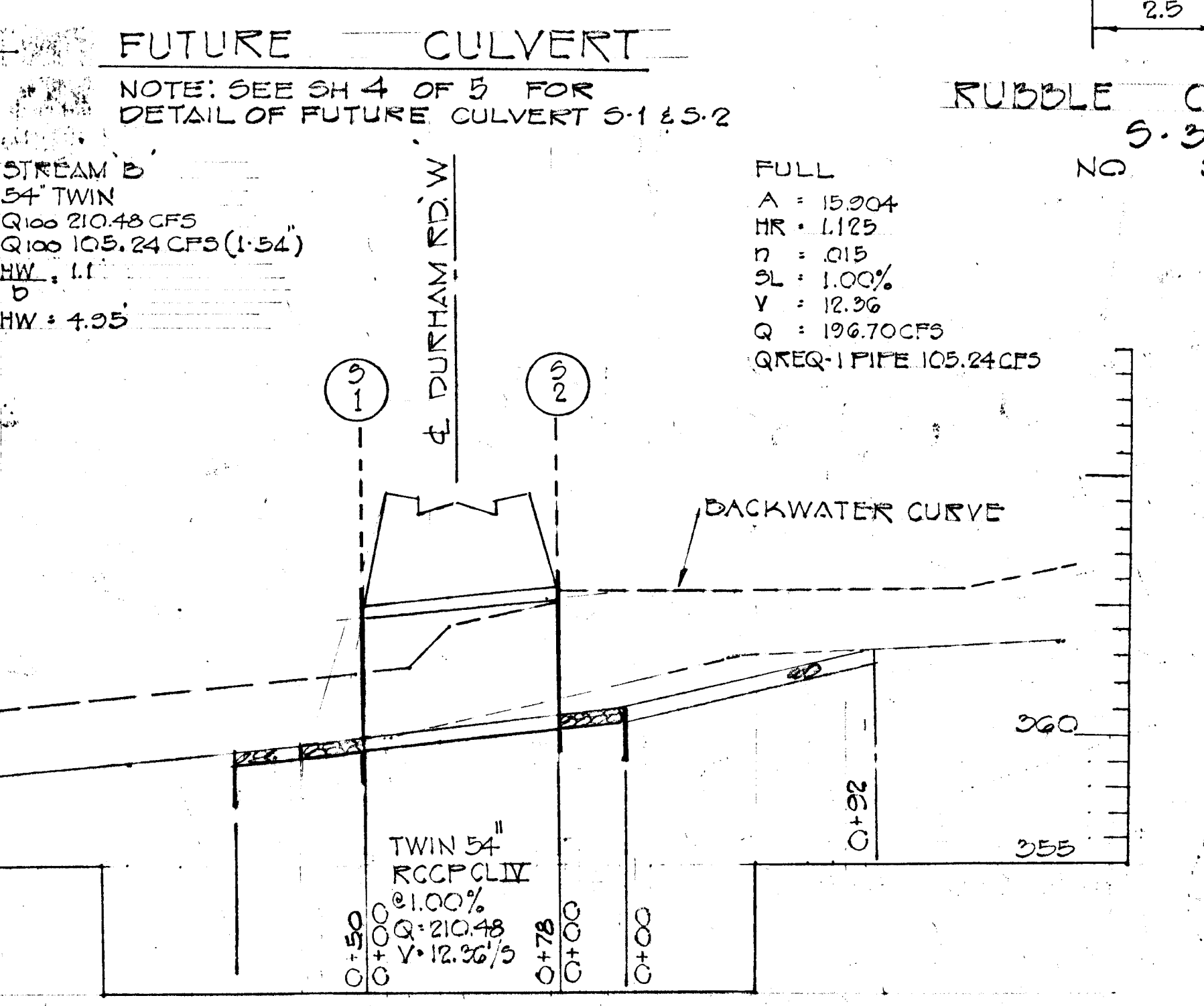
VILLAGE OF HARPER'S CHOICE  
SECTION 1 LONGFELLOW AREA 3  
FD. 13, P. 2, 4 & 7



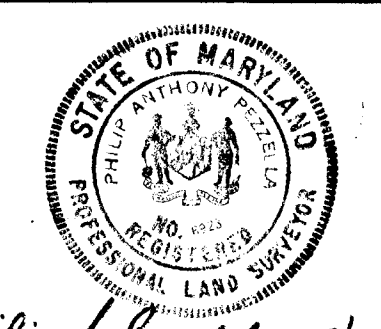
DEPARTMENT OF PUBLIC WORKS  
*D. H. Williams*  
CHIEF BUREAU OF HIGHWAYS  
OFFICE OF PLANNING & ZONING  
DATE: 9/26/74

*J. H. Clowson*  
CHIEF DIVISION OF LAND DEVELOPMENT  
& TRANSPORTATION PLANNING  
DATE: 9/10/74

FOR PLANNING STUDY ONLY  
DIVISION OF LAND DEVELOPMENT  
& TRANSPORTATION PLANNING  
DATE: 8/15/74  
*J. H. Clowson*

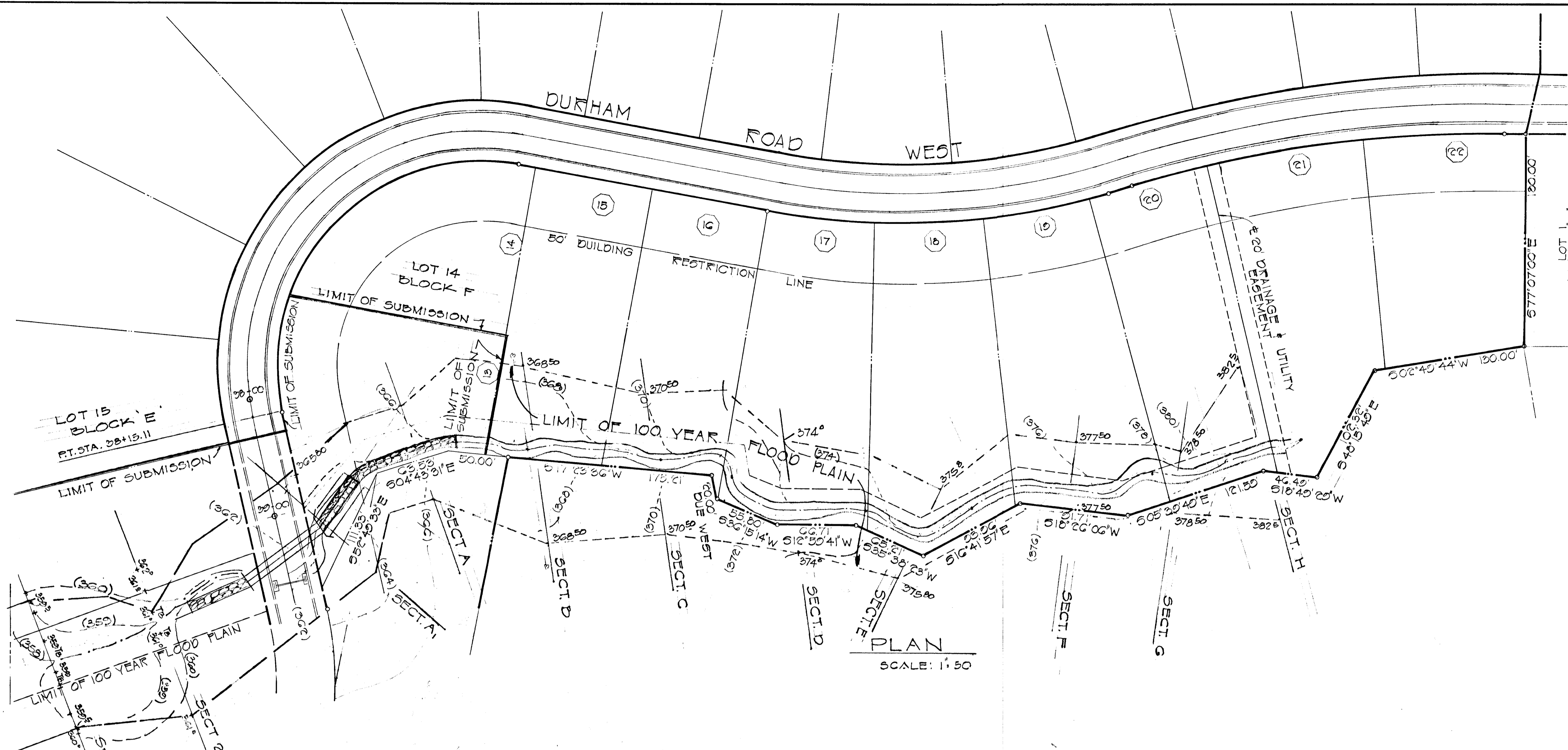


TITLE: STORM DRAIN DETAILS			
PROJECT: BEAVERDROOK SECTION 10			
LOCATION: 5TH ELECTION DISTRICT, HOWARD CO., MD.			
DATE:	DES. BY: TKS	DRAWN BY: T.O.	CHKD. BY: TKS
SCALE: AS SHOWN	JOB NO. 7611	DRWG. NO. 3 OF 8	DATE: 7-2-76



ENGINEERING  
PLANNING  
SURVEYING  
BY  
**BOENDER ASSOCIATES INC.**  
BALTIMORE, MD. 466-7777  
SALISBURY, MD. 749-1286  
WESTMINSTER, MD. 366-9588

REVISIONS			
ISSUE	BY & DATE	DESCRIPTION	APPROVED & DATE



PLAN  
SCALE: 1" = 50'

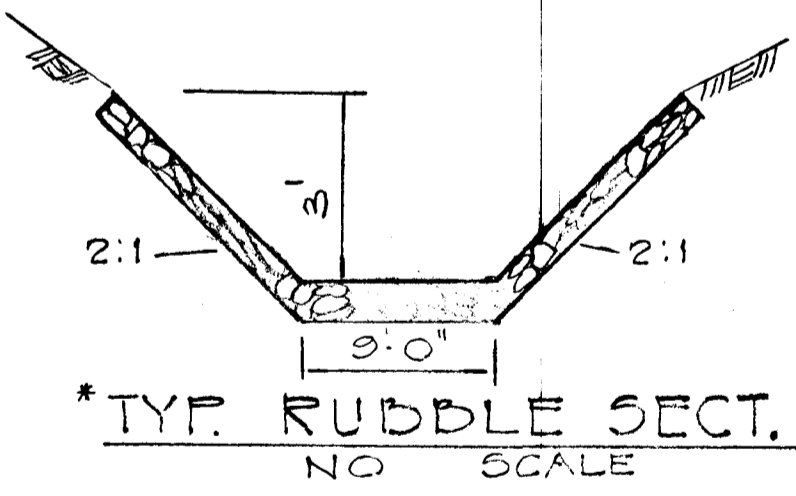
DEPARTMENT OF PUBLIC WORKS  
*S. M. McKeen*  
 CHIEF BUREAU OF HIGHWAYS  
 9/26/74  
 DATE

OFFICE OF PLANNING AND ZONING  
*J. H. Clawson*  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
 & TRANSPORTATION PLANNING  
 9/10/74  
 DATE

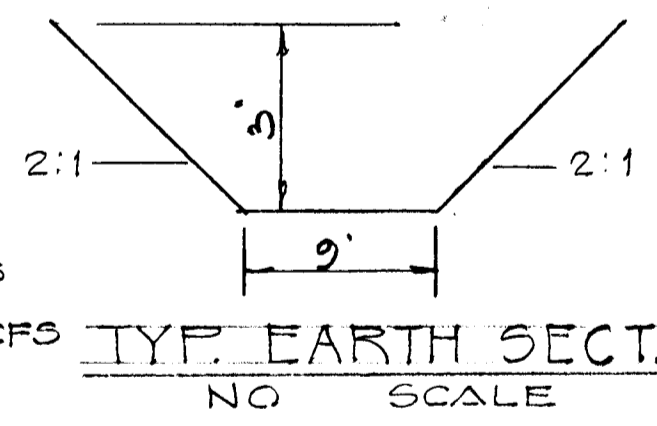
FUTURE CULVERT

54" RCCP  
 A: 15.904  
 MR: 1.125 R<sup>2</sup> = 1.082  
 N: 0.012  
 SL: 1.00%  
 V: 12.56/5  
 Q: 126.70 CFS  
 (CAPACITY)  
 Q REQ 105.24 CFS

TWIN 54" RCCP  
 Q 100 YR: 210.48 CFS  
 Q 100 YR: 105.24 CFS (ONE 54")  
 HW: 1.1  
 D  
 HW: 4.95

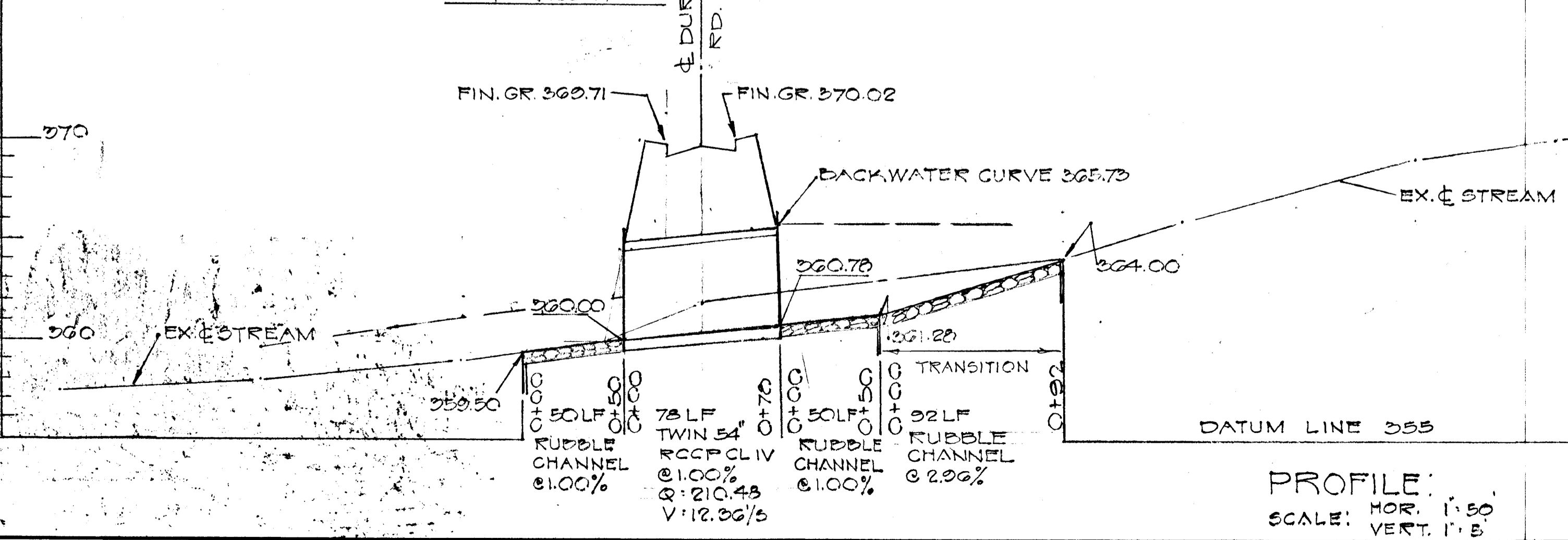


\*TYP. RUBBLE SECT.  
NO SCALE



\*TYP. EARTH SECT.  
NO SCALE

FORWARDED BY STUDY ONLY  
 DIVISION OF LAND DEVELOPMENT  
 & TRANSPORTATION PLANNING  
 8/15/74  
*J.R.C.*



PROFILE:  
SCALE: HOR. 1" = 50'  
VERT. 1" = 5'

TITLE: 100 YR. FLOOD PLAIN DELINEATION			
PROJECT: BEAVERBROOK SEC. 10			
LOCATION: 5TH ELECT. DISTR. HO. CO. MD.			
DATE: MAY 24 74	DES. BY: TKS	DRAWN BY: S	CHKD. BY: TE
SCALE: AS SHOWN	JOB NO. 7341	DRWG. NO.: 4 OF 8	



ENGINEERING  
 PLANNING  
 SURVEYING  
 BY  
**BOENDER  
 ASSOCIATES  
 INC.**  
 BALTIMORE, MD. 466-7777  
 SALISBURY, MD. 740-1266  
 WESTMINSTER, MD. 848-5588



SEDIMENT CONTROL NOTES

- 1) THE H. S. C. D. AND BUREAU OF LICENSE, INSPECTION, AND PERMITS WILL BE GIVEN 24 HOURS NOTICE PRIOR TO ANY GRADING.
- 2) ALL SEDIMENT CONTROL STRUCTURES SHOWN ON THIS PLAN, UNLESS OTHERWISE SPECIFIED, WILL BE INSTALLED AND STABILIZED IN ACCORDANCE WITH NOTE #9 PRIOR TO ANY OTHER GRADING OR EARTH DISTURBANCE ON THIS SITE.
- 3) AS SOON AS ROUGH GRADING IS COMPLETED, AREA TO BE PAVED WILL BE STABILIZED WITH BASE MATERIAL.
- 4) ALL CUT AND FILL SLOPES WILL BE A MAXIMUM OF 3:1.
- 5) FOLLOWING THE STABILIZATION OF ALL AREAS, UPGRADE THE AREA OF THE SEDIMENT CONTROL. MEASURES MAY BE REMOVED AND GRADED TO THE FINAL GRADES PLANNED AND STABILIZED IMMEDIATELY.
- 6) ELEVATIONS MARKED THUS (X) ARE FINISHED GRADES.
- 7) IN THE EVENT OF EXCESS OF MATERIAL, THE WASTE WILL BE STOCKPILED WITH A MAXIMUM 2:1 SLOPE ON AN AREA WHICH HAS BEEN CLEARED ON THE SITE, STOCKPILED MATERIAL WILL BE STABILIZED IN ACCORDANCE WITH NOTE #9.
- 8) SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM THE H. S. C. D..
- 9) TEMPORARY STABILIZATION:  
 APPLY: 2000 LBS. / ACRE OR 46 LBS. / SQ. FT. OF PULVERIZED DOLOMITIC LIMESTONE.  
 500 LBS. / ACRE OR 11.5 LBS. / 1000 SQ. FT. OF 5-5-5 FERTILIZER. PLANT TO RYEGRASS @ 40 LBS. / ACRE.  
 FERTILIZE WITH 5-10-10, AND MULCH WITH STRAW @ 1 1/2 TONS / ACRE.
- 10) PERMANENT STABILIZATION:  
 APPLY: 2000 LBS. / ACRE OF PULVERIZED DOLOMITIC LIMESTONE.  
 700 LBS. / ACRE OF 0-20-0 SUPER PHOSPHATE.  
 1000 LBS. / ACRE OF 5-10-10 FERTILIZER.  
 SEED: 10% KENTUCKY BLUE GRASS WITH MIN. 80% GERMINATION  
 20% CREEPING RED FESCUE WITH MIN. 80% GERMINATION  
 MERION BLUE FOR REMAINDER WITH MIN. 85% GERMINATION } 2-3 LBS / 1000 SQ.FT.  
 NOTE: SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUGUST 1 - OCTOBER 1 ONLY.  
 MULCH: 2 TONS / ACRE OF UNWEATHERED WHEATSTRAW, TIE MULCH DOWN WITH 480 GAL. / ACRE OF LIQUID ASPHALT.

REVIEWED FOR Howard S. C. D. AND MEETS TECHNICAL REQUIREMENTS. 9-16-74 DATE  
U. S. SOIL CONSERVATION SERVICE

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

APPROVED: Richard Richman 9-16-74 DATE  
 HOWARD SOIL CONSERVATION DIST.

ENGINEER'S STATEMENT

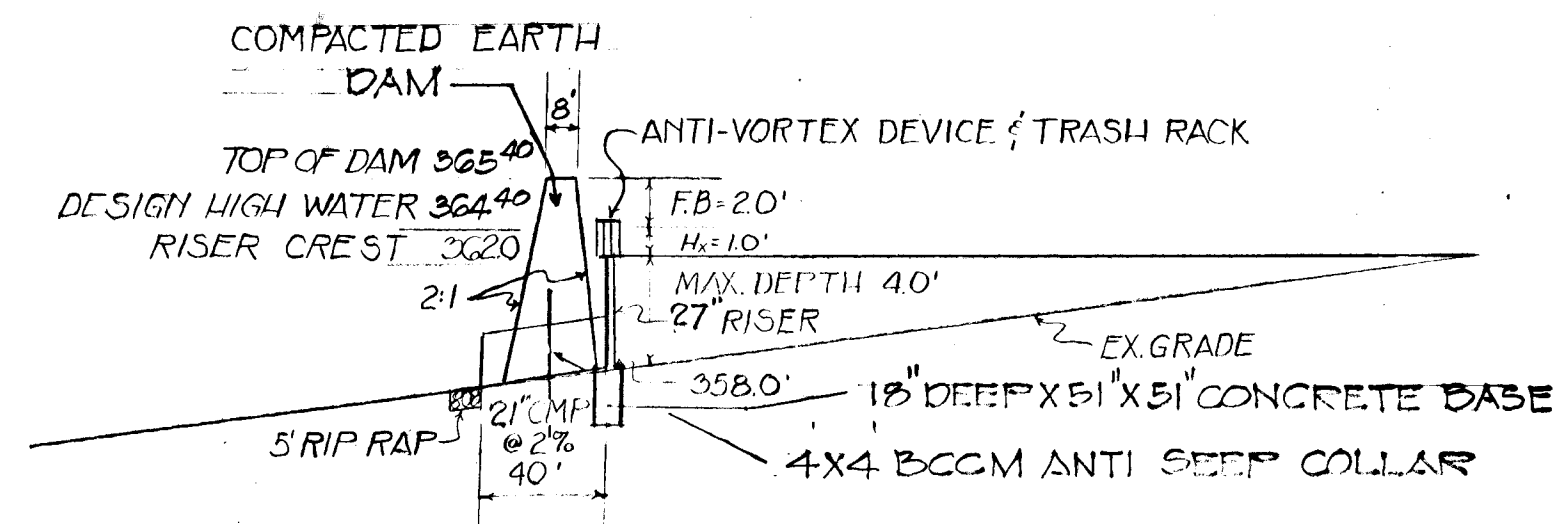
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Richard Richman 9/16/74 DATE

DEVELOPER'S STATEMENT

I CERTIFY THAT ALL THE DEVELOPMENT AND / OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON - SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

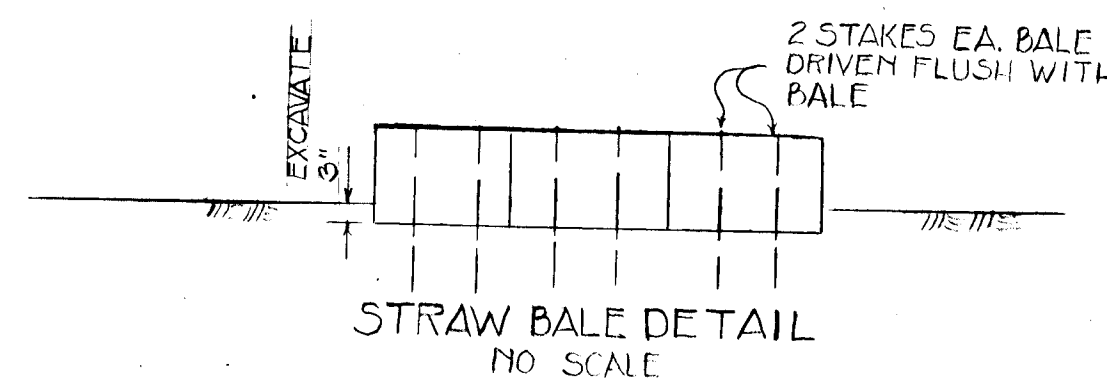
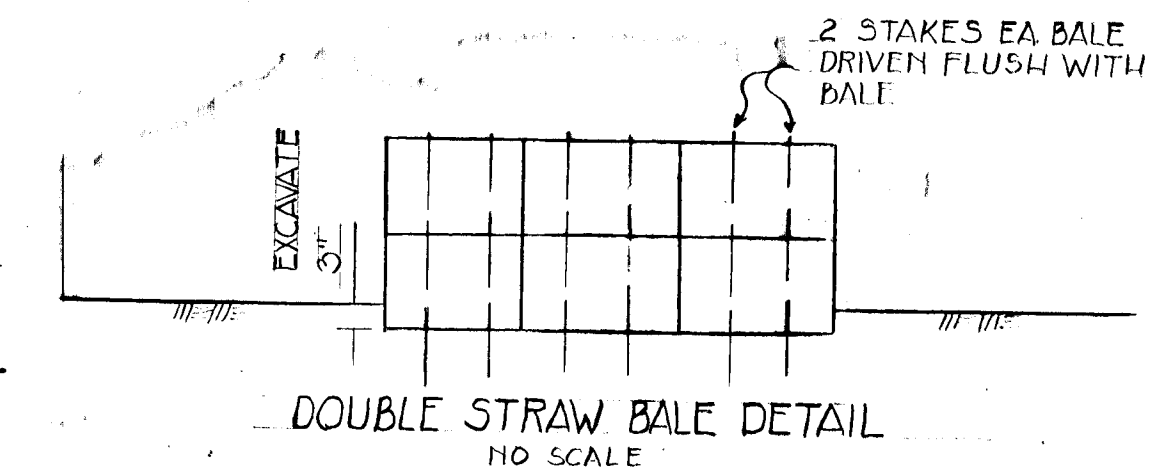
Mark 17 MAY 1974 DATE



NOTES:

1. PERFORATE TOP 2/3 OF RISER - PERFORATIONS 1/2" DIAMETER HOLES - 8" VERTICALLY, 10" TO 12" HORIZONTALLY (ALL AROUND)
2. LENGTH ANTI-VORTEX PLATE LENGTH 33" HEIGHT 14"
3. CONC. BASE 18" THICK, RISER IMBEDDED 6" IN THE BASE BASE SQ. WITH EACH DIM. 1' GREATER THAN RISER DIA.
4. DO NOT DISTURB GROUND DOWNSTREAM OF OUTLET

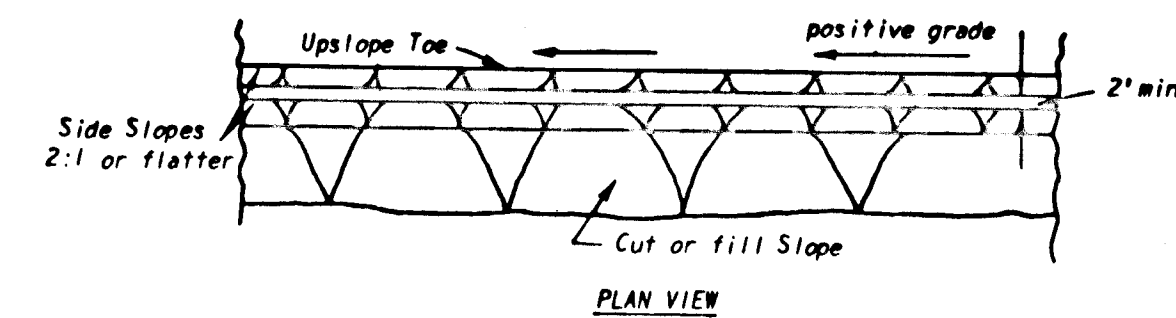
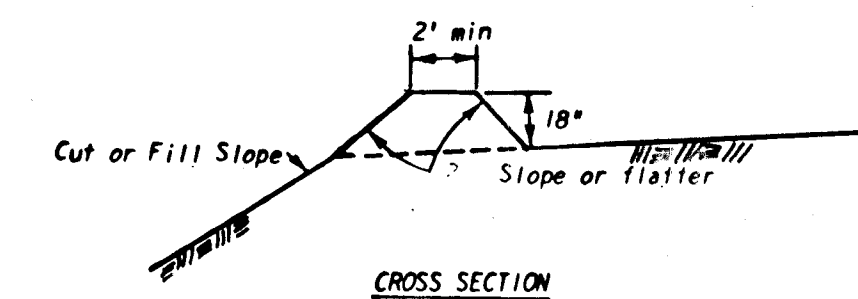
DETAIL CONCRETE BASE  
NO SCALE



SITE ANALYSIS:

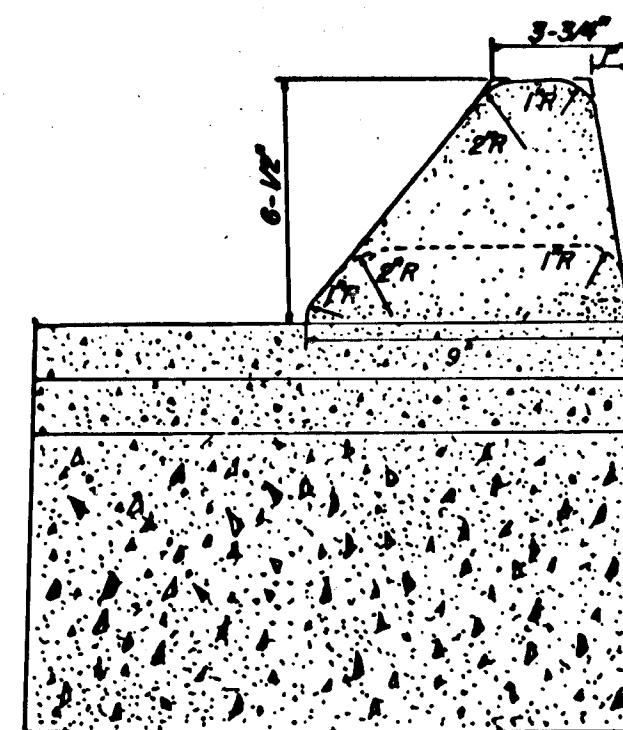
- 1) TAX MAP NUMBER -
- 2) PARCEL NUMBER -
- 3) TOTAL AREA OF SITE -
- 4) PRESENT ZONING -
- 5) TOTAL NUMBER OF EMPLOYEES -
- 6) TOTAL FLOOR SPACE -
- 7) SUBDIVISION PLAT REFERENCE -

DIVERSION DIKE



General Notes:

1. All drawings Not to Scale.
2. All dikes must be machine compacted.
3. All diversion dikes must have positive grade draining to a stabilized outlet.
4. Diverted runoff will outlet onto a stabilized undisturbed area, a prepared level spreader, or into a grade stabilization structure.
5. Periodic inspection and required maintenance must be provided.



MOUNTABLE CURB DETAIL  
NO SCALE  
DRAWING D - 39 PAGE 94

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.

J. H. Clonick 9/16/74 DATE  
 CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

L. M. Pritchard 9/26/74 DATE  
 CHIEF, BUREAU OF HIGHWAYS

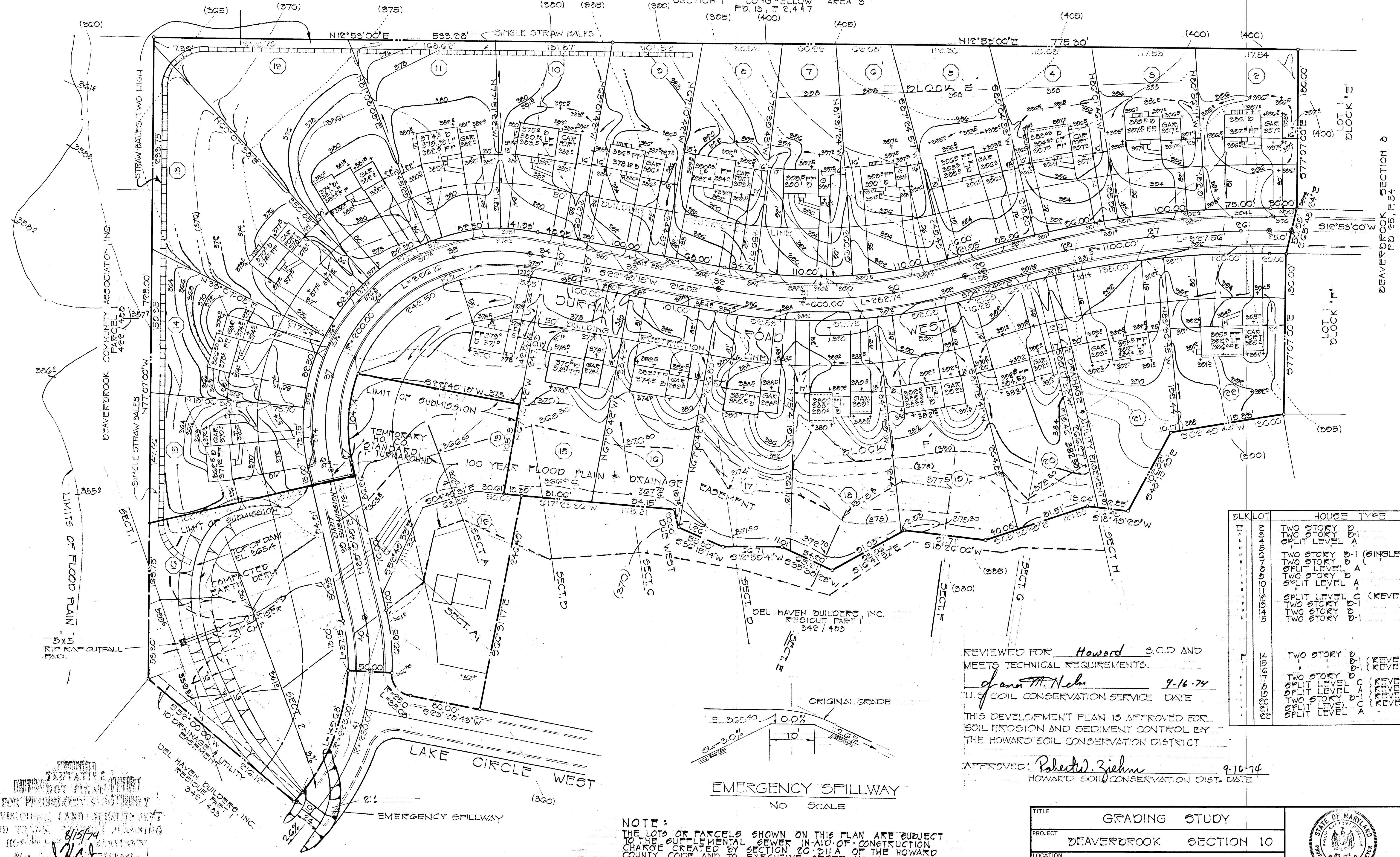
TITLE	DETAIL SHEET			ENGINEERING PLANNING SURVEYING BY
PROJECT	DEAVERDROOK SEC. 10			BOENDER ASSOCIATES INC.
LOCATION	5TH ELECTION DISTRICT HOWARD CO., MD.			ELLCOTT CITY, MD. 21043
DATE: 5/14/74	DES. BY: TS	DRAWN BY: J.C.	CHKD BY: TS	SALISBURY, MD. 21001
SCALE: AS SHOWN	JOB NO.: 7311-21	DRWG. NO.: 50178		301-466 7777



DEPARTMENT OF PUBLIC WORKS  
 CHIEF BUREAU OF HIGHWAYS DATE 9/22/74  
 OFFICE OF PLANNING AND ZONING DATE 9/18/74  
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

ISSUE	BY & DATE	REVISIONS	CHECK	APPROVED & DATE

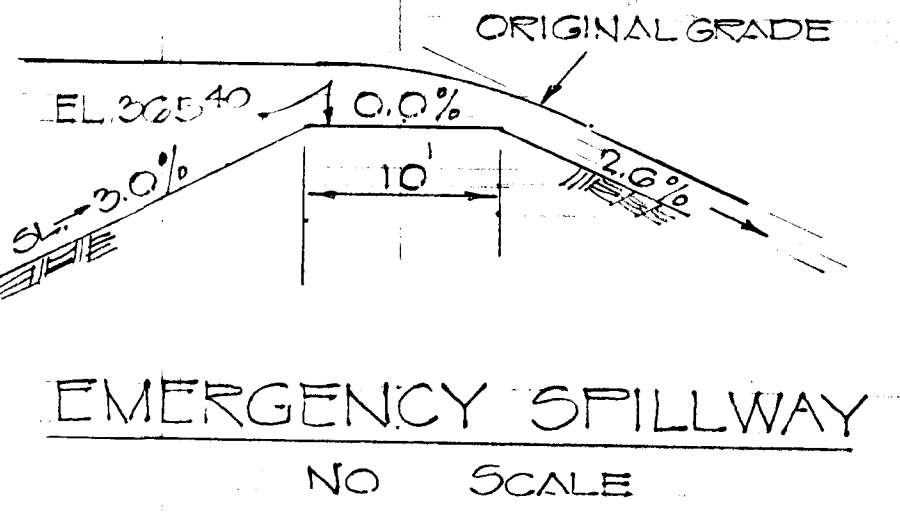
VILLAGE OF HARRERS CHOICE  
 SECTION 1 LONGFELLOW AREA 3  
 PD 13, F 2, 447



DLK/LOT	HOUSE TYPE
1	TWO STORY B
2	TWO STORY B-1 (SINGLE CAR GARAGE)
3	TWO STORY B-1 (SINGLE CAR GARAGE)
4	TWO STORY B-1 (SINGLE CAR GARAGE)
5	TWO STORY B-1 (SINGLE CAR GARAGE)
6	TWO STORY B-1 (SINGLE CAR GARAGE)
7	TWO STORY B-1 (SINGLE CAR GARAGE)
8	TWO STORY B-1 (SINGLE CAR GARAGE)
9	TWO STORY B-1 (SINGLE CAR GARAGE)
10	TWO STORY B-1 (SINGLE CAR GARAGE)
11	TWO STORY B-1 (SINGLE CAR GARAGE)
12	TWO STORY B-1 (SINGLE CAR GARAGE)
13	TWO STORY B-1 (SINGLE CAR GARAGE)
14	TWO STORY B-1 (SINGLE CAR GARAGE)
15	TWO STORY B-1 (SINGLE CAR GARAGE)
16	TWO STORY B-1 (SINGLE CAR GARAGE)
17	TWO STORY B-1 (SINGLE CAR GARAGE)
18	TWO STORY B-1 (SINGLE CAR GARAGE)
19	TWO STORY B-1 (SINGLE CAR GARAGE)
20	TWO STORY B-1 (SINGLE CAR GARAGE)
21	TWO STORY B-1 (SINGLE CAR GARAGE)
22	TWO STORY B-1 (SINGLE CAR GARAGE)

REVIEWED FOR Howard S.C.D AND MEETS TECHNICAL REQUIREMENTS.  
 of James M. Nelson 9-16-74  
 U.S. SOIL CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

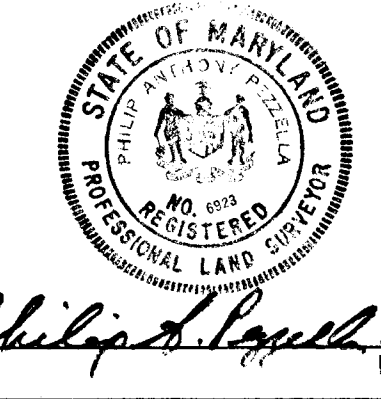
APPROVED: Robert W. Ziehm 9-16-74  
 HOWARD SOIL CONSERVATION DIST. DATE



NOTE:  
 THE LOTS OR PARCELS SHOWN ON THIS PLAN ARE SUBJECT TO THE SUPPLEMENTAL SEWER IN-AID-OF-CONSTRUCTION CHARGE CREATED BY SECTION 20.01A OF THE HOWARD COUNTY CODE AND TO EXECUTIVE ORDER NO. 72-0.

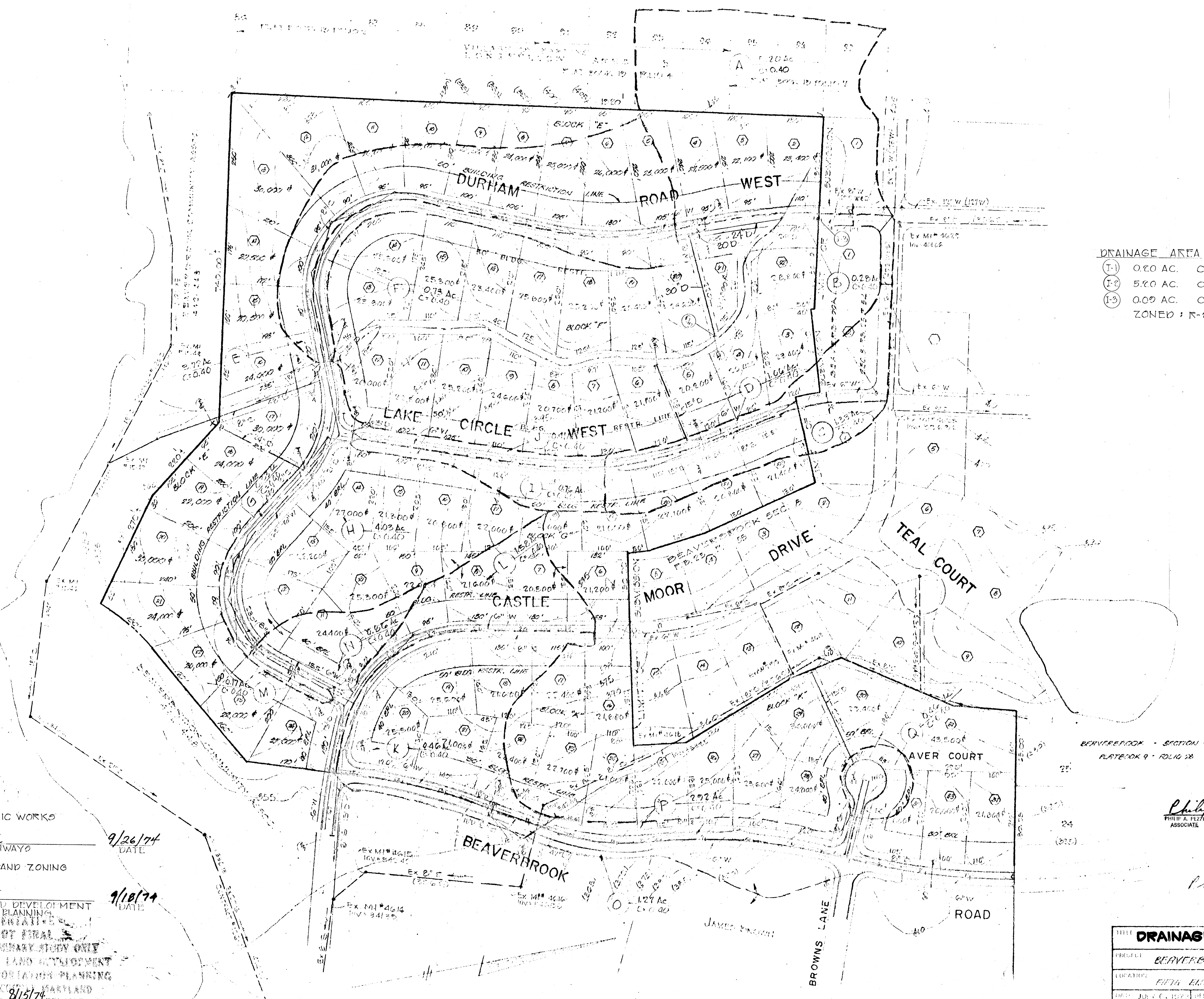
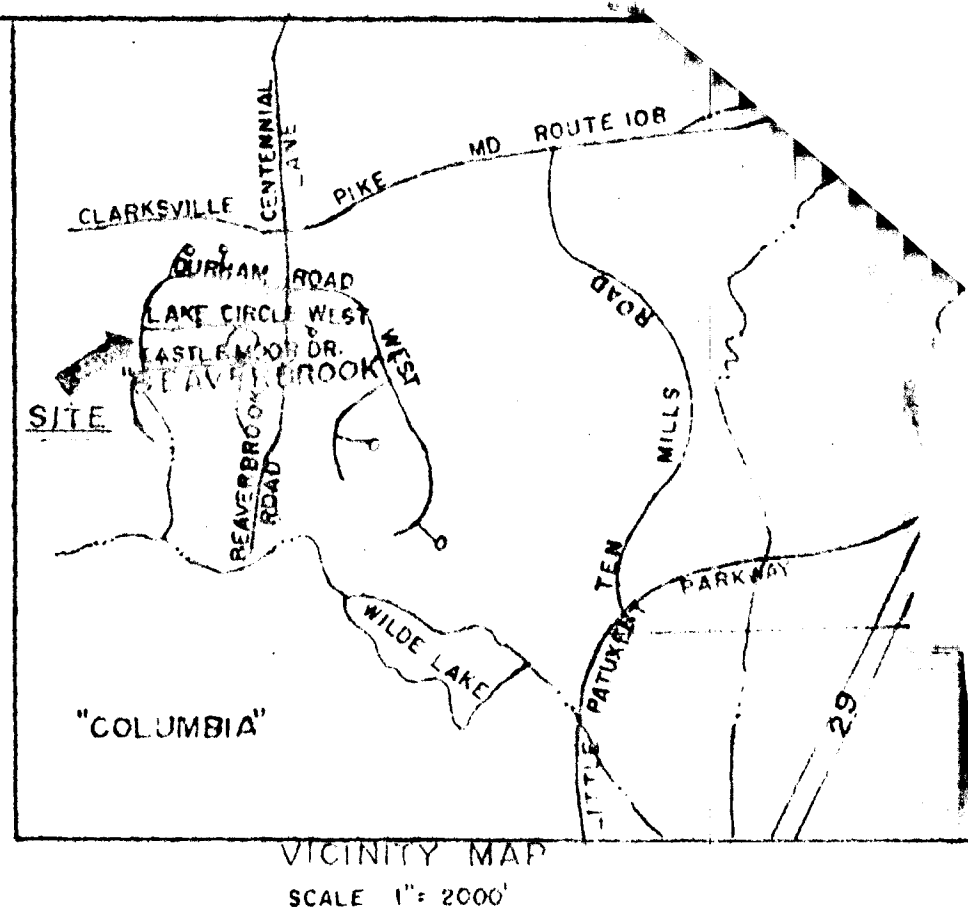
DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 DATE 8/15/74  
 JAC

TITLE	GRADING STUDY
PROJECT	DEAVERBROOK SECTION 10
LOCATION	5TH ELECTION DISTRICT HOWARD CO., MD.
DATE	4/15/74
DES. BY	T.K.S.
DRAWN BY	T.O.
CHKD. BY	T.K.S.
SCALE	1" = 50'
JOB NO.	7311-21
DRWG. NO.	60F B



ENGINEERING PLANNING SURVEYING BY  
**BOENDER ASSOCIATES INC.**  
 BALTIMORE, MD. 465-7777  
 GAITHERSBURY, MD. 749-7255  
 WESTMINSTER, MD. 848-5588





**DRAINAGE AREA**

(T-1)	0.20 AC.	C = .9
(T-2)	5.00 AC.	C = .4
(T-3)	0.09 AC.	C = .9

ZONED : R-20

**GENERAL NOTES:**

1. LOTS COVERED BY = 48.53 AC.
2. TOTAL NO. OF LOTS = 77
3. MINIMUM FRONTING ON ST.
4. MINIMUM FRONT AND WIDTH
5. MINIMUM LOT SIDE = 30.00 FT
6. OWNER'S EASEMENTS
7. FUTURE G. MARKING NO. 10500 ANNAPOLIS RD. QUINCY L.S. LANEWAY M.L. 105000 TELEPHONE NO. 461-8189
8. ALL LOTS COMPLY WITH THE MINIMUM OWNER'S CHET. WIDTH AREA AS INDICATED
9. TOTAL AREA OF CURVED DRIVE = 1.00 AC.
10. TOTAL AREA OF LOTS IN CONTACT = 20.87 AC.
11. TAX MAP = 30

BEAVERBROOK - SECTION 9  
PLATBOOK 9 - FOLIO 12

*Philip A. Pezella* 8/23/74  
PHILIP A. PEZELLA REGISTERED SURVEYOR NO. 6923 DATE  
ASSOCIATE

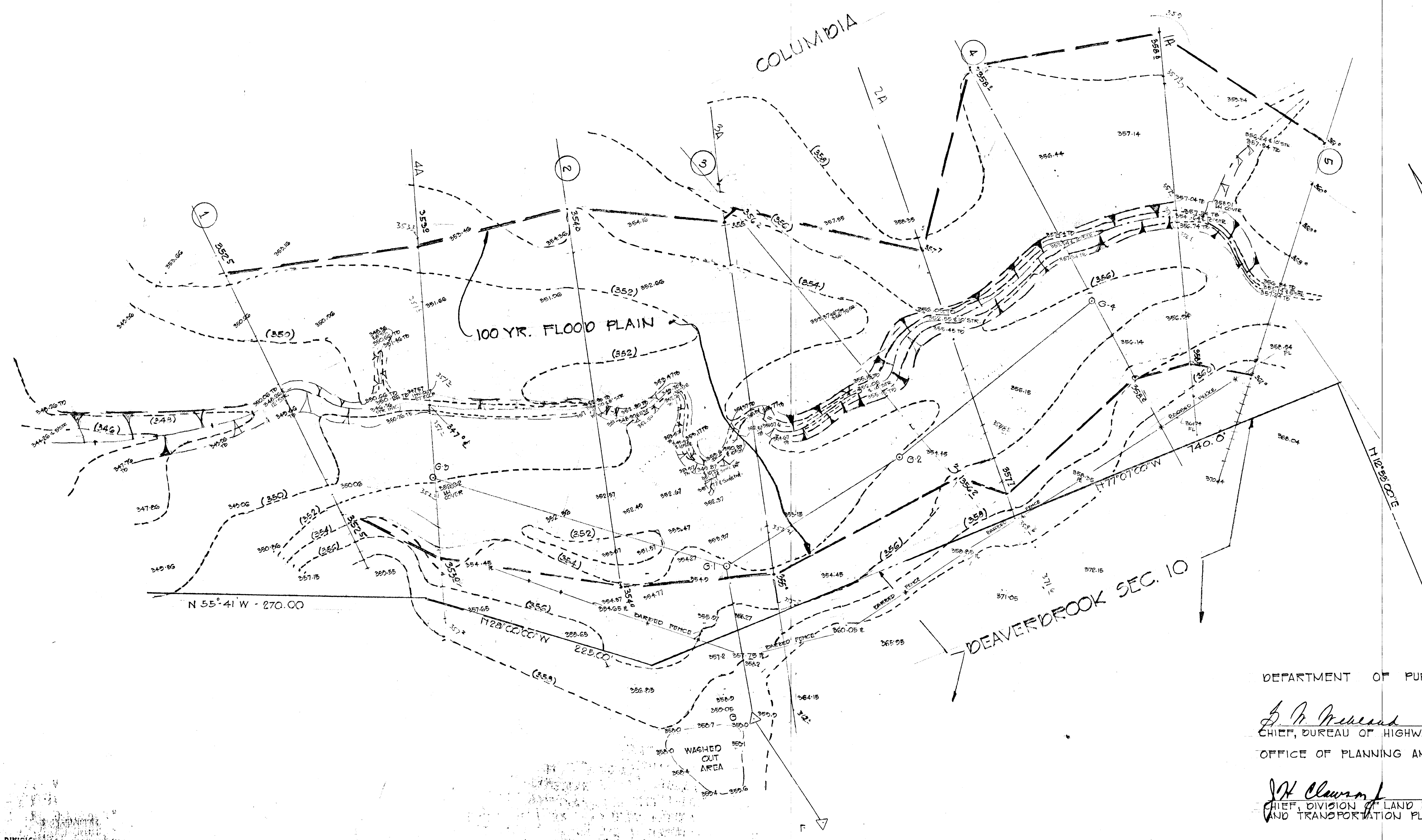
*Philip A. Pezella* 7/6/73

DEPARTMENT OF PUBLIC WORKS  
*G. M. Wickens*  
CHIEF, BUREAU OF HIGHWAYS  
DATE 9/26/74

OFFICE OF PLANNING AND ZONING  
*J. H. Clavin*  
DATE 9/18/74

NOT FINAL  
FOR PRELIMINARY STUDY ONLY  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE FOR RELEASE 8/15/74

<b>DRAINAGE AREA MAP</b>			
PROJECT	BEAVERBROOK - SECTION 9		
LOCATION	FIFTH ELECTION DISTRICT - MAP NO. 30-A		
DATE	JULY 2, 1974	DESIGNED BY	PHILIP A. PEZELLA
SCALE	1" = 100'	DRAWN BY	PHILIP A. PEZELLA



N 55° 41' W - 270.00

DEPARTMENT OF PUBLIC WORKS

*B. P. McLean*  
CHIEF, BUREAU OF HIGHWAYS

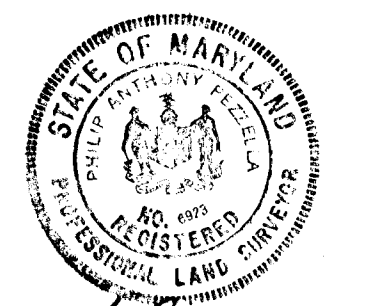
9/26/74  
DATE

OFFICE OF PLANNING AND ZONING

*J. H. Clewley*  
CHIEF, DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING

9/18/74  
DATE

8/15/74  
*J.H.C.*



FIELD RUN 12/70

*Philip A. Pappalardo*

DEAVERBROOK STREAM TOPO	
SCALE: 1" = 50'	APPROVED BY
DATE:	DRAWN BY
FIELD RUN TOPO	
DRAWING NUMBER	
8 OF 8	