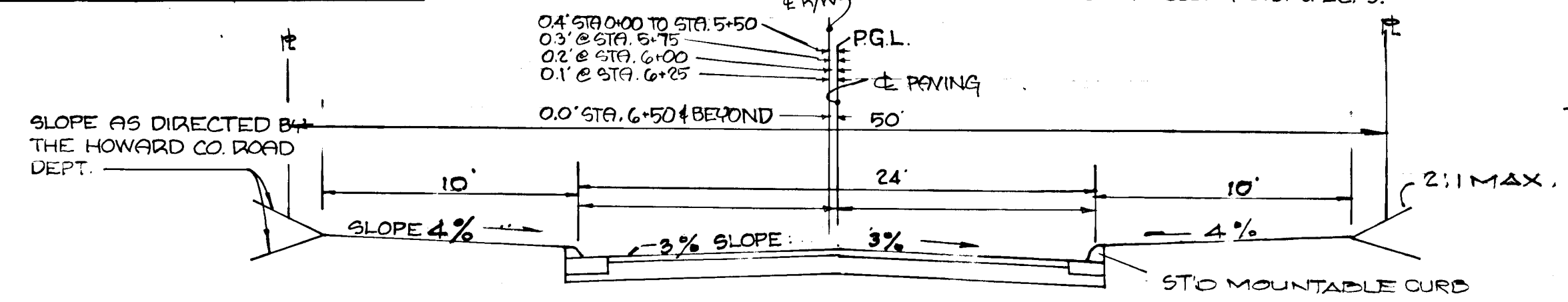


CLEARING & GRADING ART. C-1  
 SUBGRADE ART. C-2  
 BASE COURSE ART. C-33  
 SURFACE COURSE ART. C-31

TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & SPECIFICATIONS.

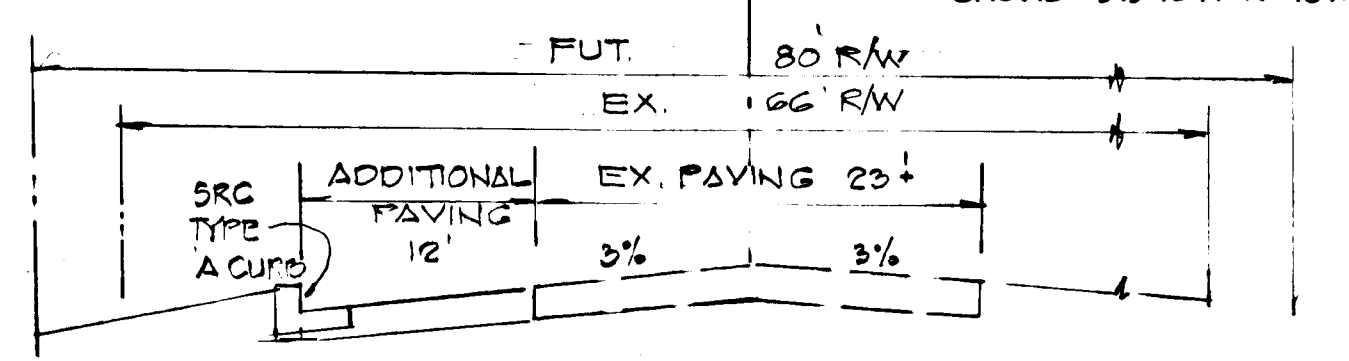
TYPICAL PAVING SECTION  
 NO SCALE

NOTE: BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY CONSTRUCTION CODE & STD. SPEC. 'S'.  
 TRACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STD. SPEC. 'S'.

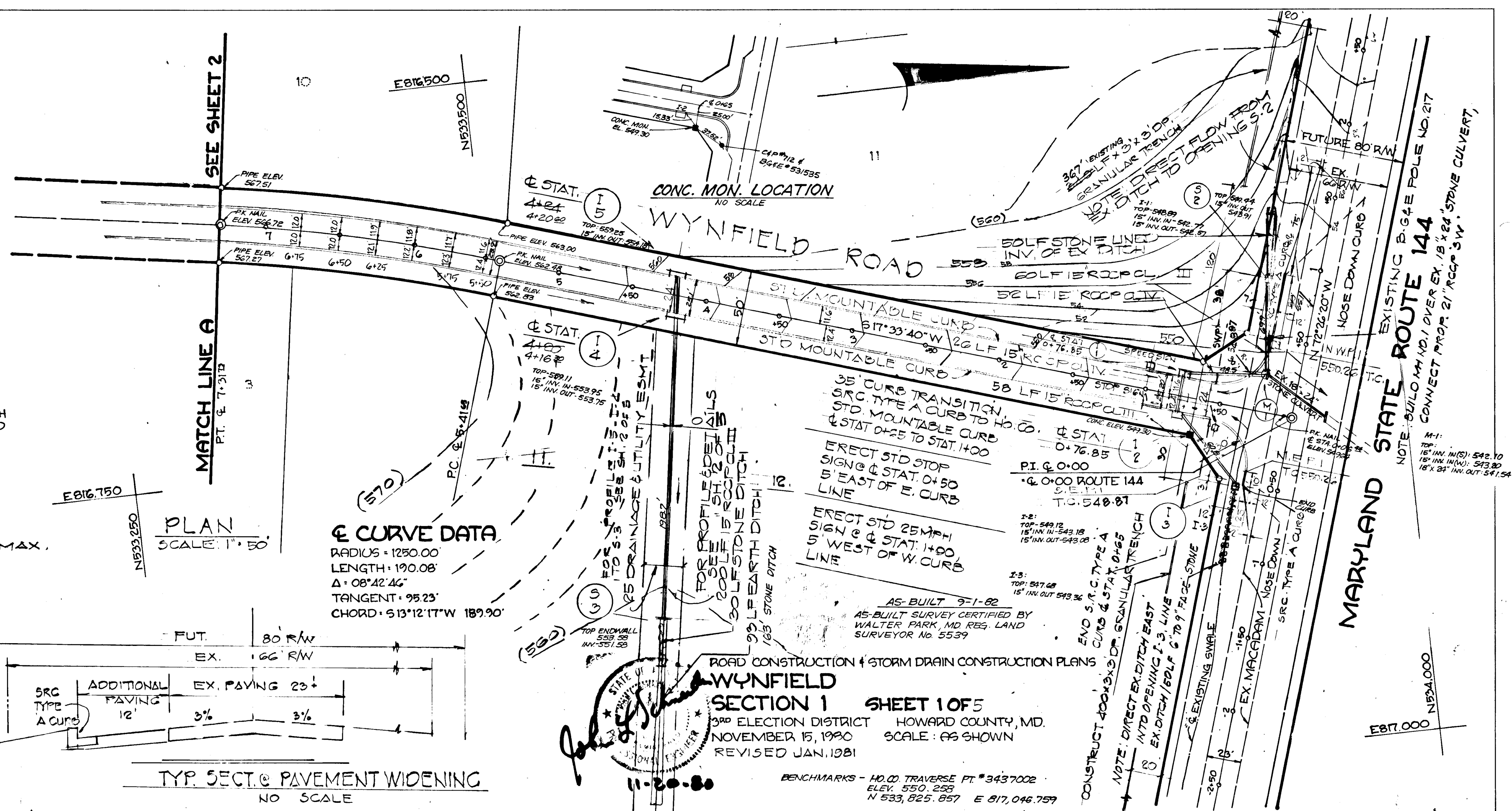


TYPICAL SECTION  
 NO SCALE

TYPICAL SECT. FIG. 211 HO. CO. DESIGN MANUAL VOL. III  
 STA. 0+53.82 TO STA. 15+57.82  
 LOCAL (RESIDENTIAL) ROAD DESIGN SPEED: 30 MPH.  
 SEE HOWARD CO. CONSTRUCTION CODE & STANDARD SPEC. 'S', DWG. D-16, P.71 ('R' ZONING)



TYP. SECT. @ PAVEMENT WIDENING  
 NO SCALE



¢ CURVE DATA  
 RADIUS = 1250.00  
 LENGTH = 190.08  
 Δ = 08°42'46"  
 TANGENT = 95.23'  
 CHORD = 513.12' W 189°30'

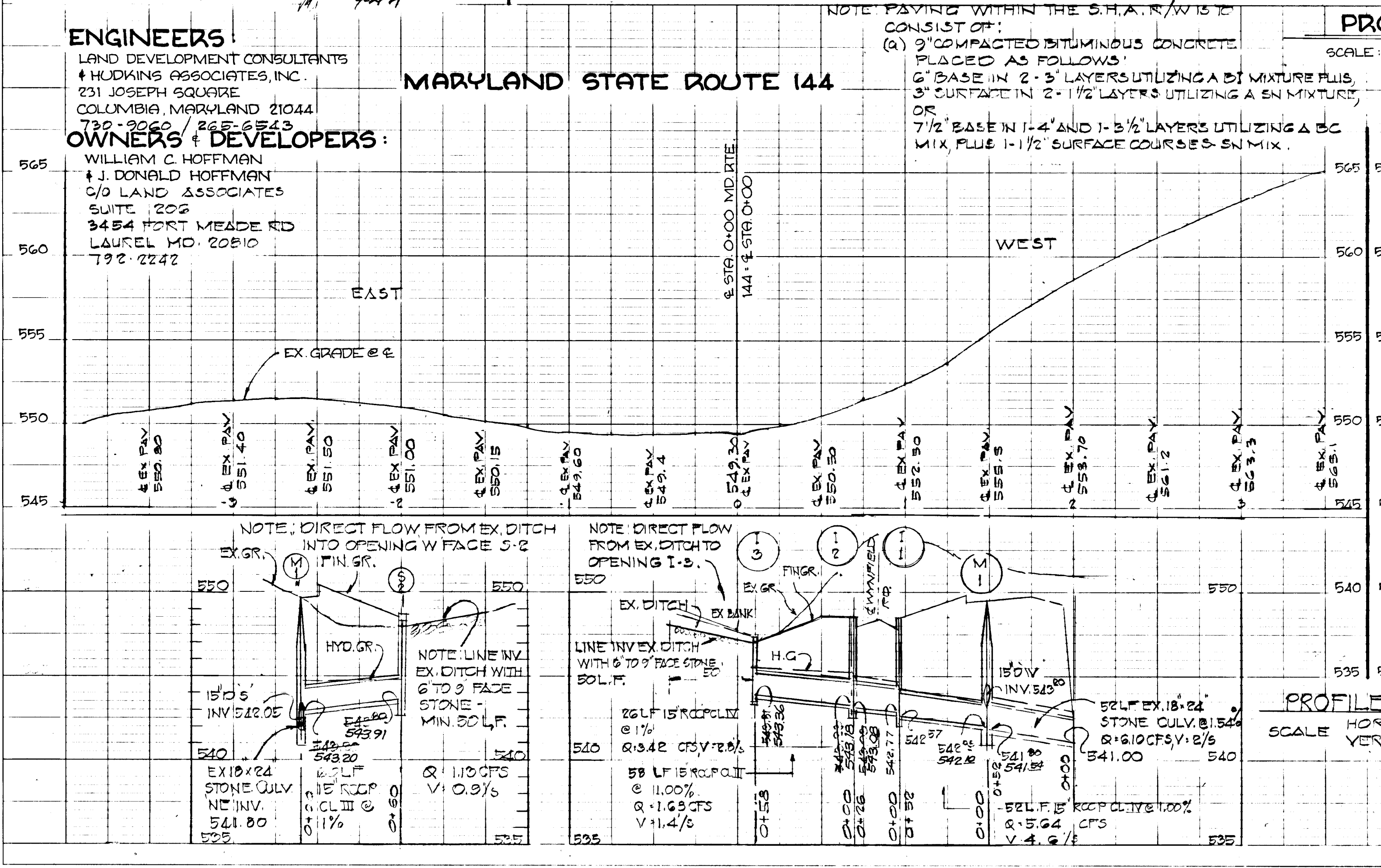
SECTION 1 SHEET 1 OF 5  
 3RD ELECTION DISTRICT HOWARD COUNTY, MD.  
 NOVEMBER 15, 1990 SCALE: AS SHOWN  
 REVISED JAN. 1991

APPROVED: OFFICE OF PLANNING & ZONING.  
*William E. Poley* 4/22/81  
 CHIEF, BUREAU OF ENGINEERING

**ENGINEERS:**  
 LAND DEVELOPMENT CONSULTANTS  
 & HUDKINS ASSOCIATES, INC.  
 231 JOSEPH SQUARE  
 COLUMBIA, MARYLAND 21044  
 730-9060 / 265-6543

**OWNERS & DEVELOPERS:**  
 WILLIAM C. HOFFMAN  
 & J. DONALD HOFFMAN  
 C/O LAND ASSOCIATES  
 SUITE 208  
 3454 FORT MEADE RD  
 LAUREL MD. 20810  
 792-2242

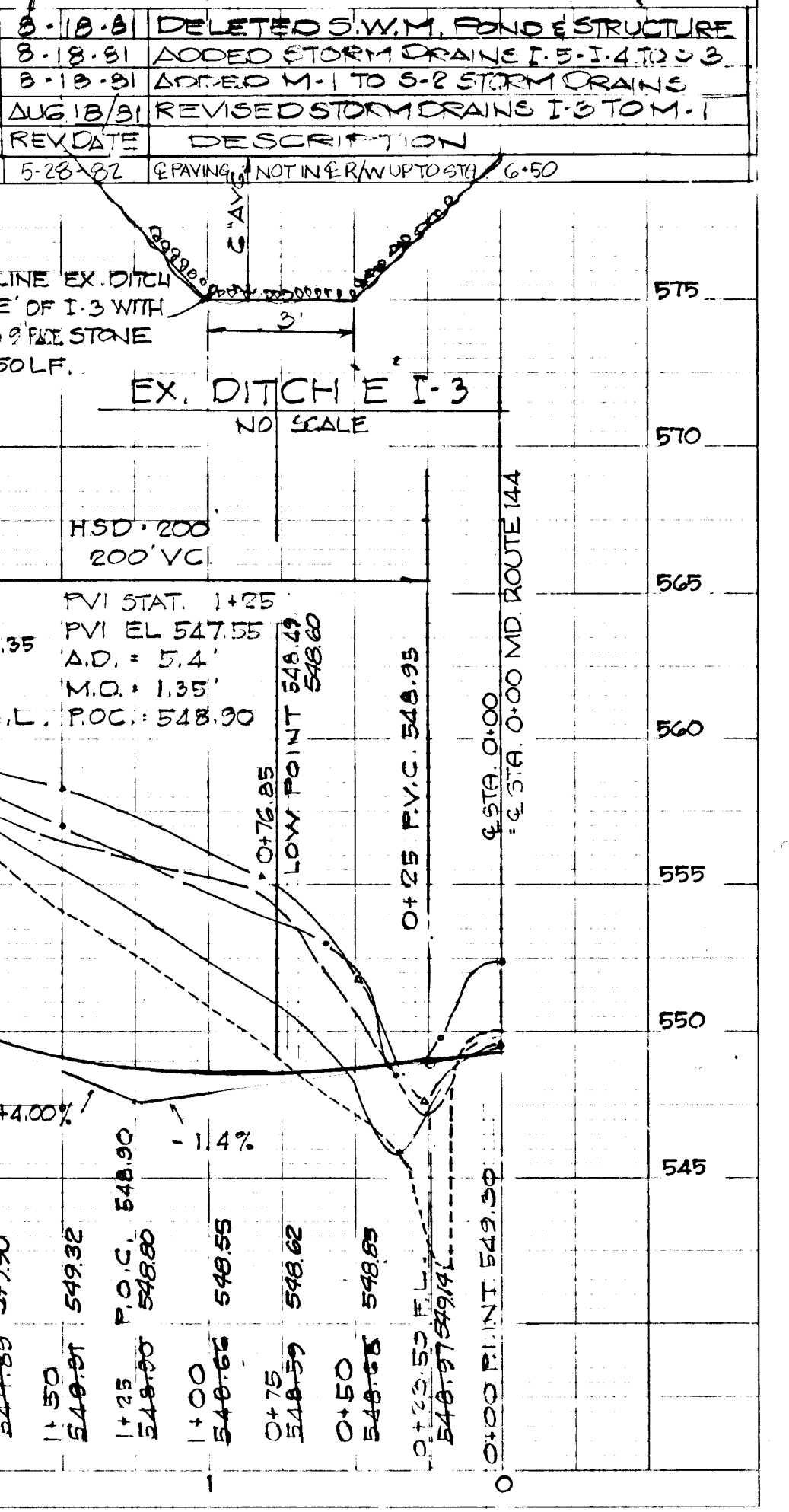
MARYLAND STATE ROUTE 144



PROFILE  
 SCALE: 1\"/>

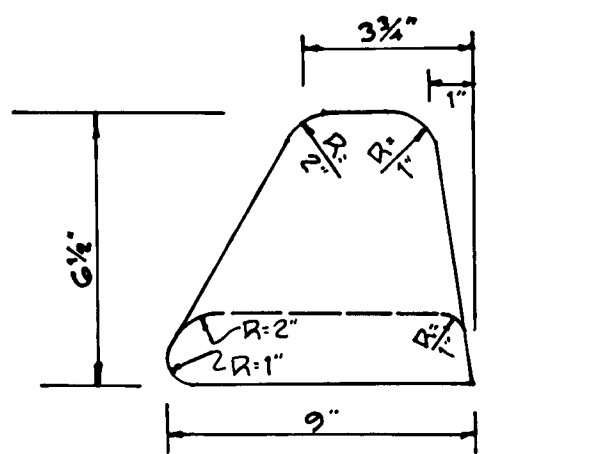
NO.	TYPE	STA.	TOP EL.	INVERT	REMARKS
S-1	STD. TYPE C ENWALL	542.34	542.34	542.34	SEE HO. CO. RD. CONSTR. CODES STD. DETAILS DRW. 02-107
M-1	STD. MANHOLE	549.07	542.05	541.80	DRWG. 0103-15-128
I-1	STD. CLASS A E INLET	548.85	548.70	542.77	DRWG. 04-A-15-119-A
I-2	STD. CLASS A E INLET	548.70	548.03	543.03	DRWG. 04-A-15-119-A
I-3	STD. CLASS C INLET	N.A.	543.91	-	DRWG. 04-C-15-119-C
S-2	STD. CLASS C INLET	N.A.	543.91	-	DRWG. 04-C-15-119-C
I-4	TYPE A INLET/REFLECTOR	541.02	553.70	553.72	S.D. 4.02
I-5	TYPE A INLET/REFLECTOR	541.02	553.91	554.10	S.D. 4.02

PROFILES  
 SCALE: HORIZ. 1\"/>

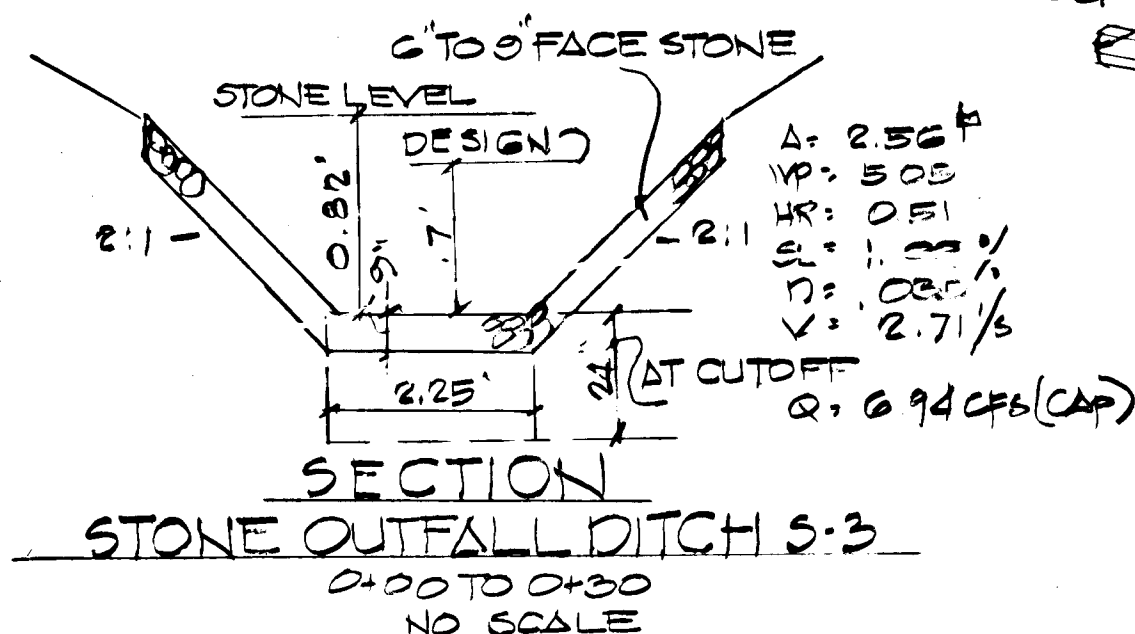




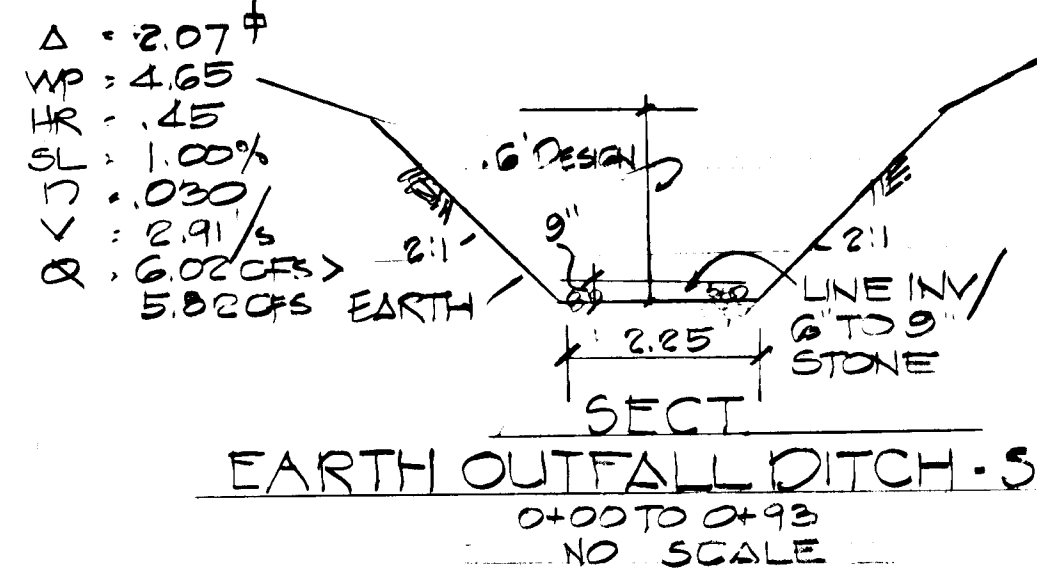
DATE	
BY	
REVISIONS	
NO.	
PLAN	
NO.	



**MOUNTABLE CURB**  
NO SCALE  
SEE HOWARD COUNTY ROAD CONSTRUCTION CODE & STD. SPEC.'S DWG. D-32, P.94

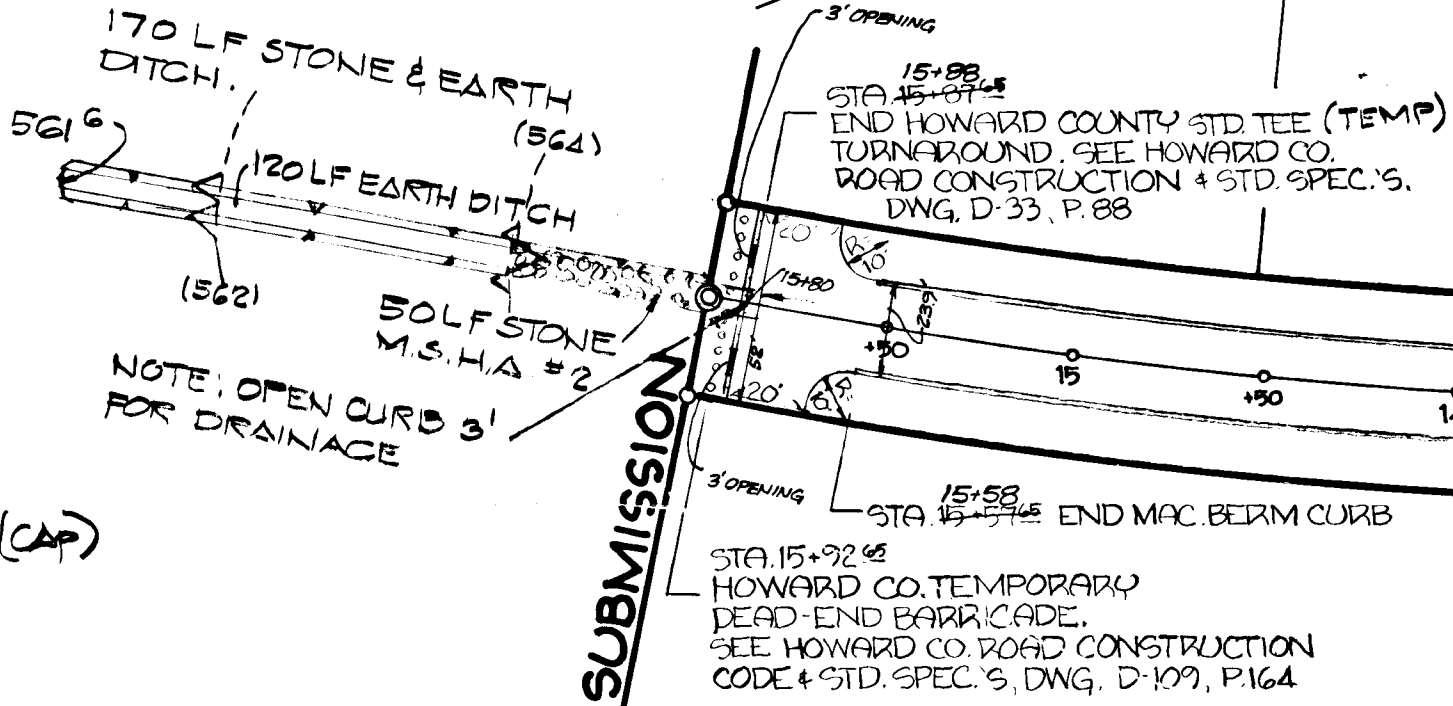


**SECTION STONE OUTFALL DITCH 5:3**  
0+00 TO 0+30  
NO SCALE



**EARTH OUTFALL DITCH - 5:3**  
0+00 TO 0+93  
NO SCALE

**CURVE DATA**  
RADIUS = 1400.00'  
LENGTH = 609.84'  
Δ = 24° 57' 29"  
TANGENT = 309.83'  
CHORD = 921.19' 39" W 605.03'



WYNFIELD ROAD

MATCH LINE A  
SEE SHEET 1

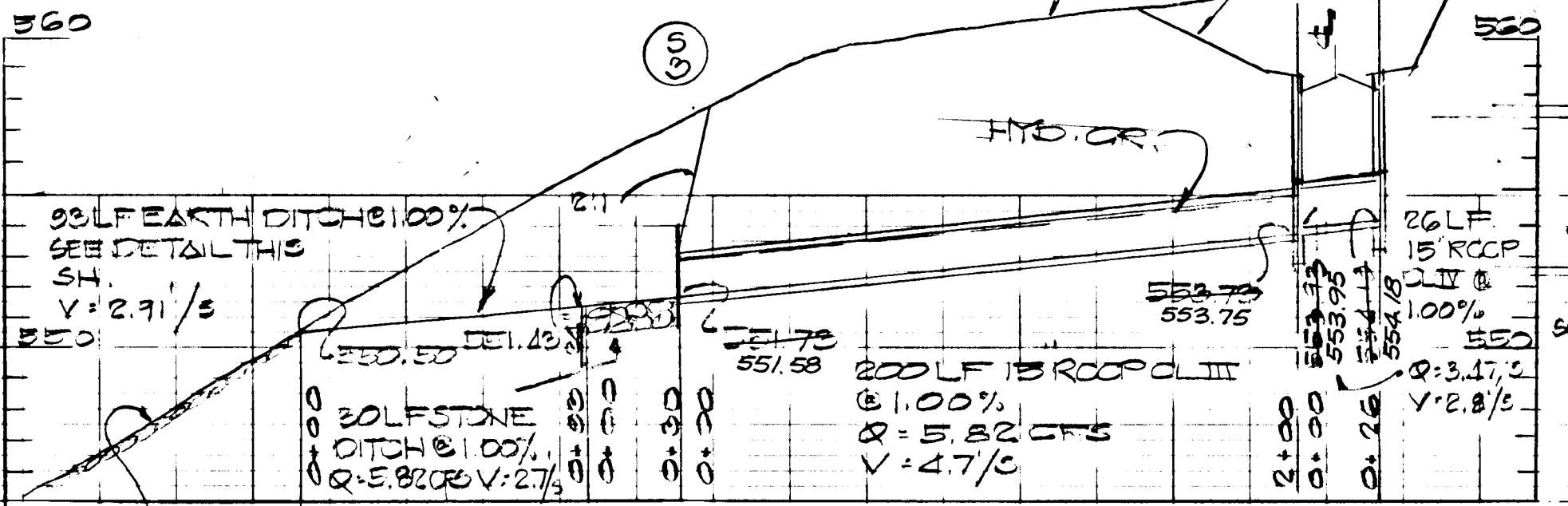
APPROVED: OFFICE OF PLANNING & ZONING

*William C. Hoffman* 4/4/81  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*William C. Hoffman* 4/22/81  
CHIEF, BUREAU OF ENGINEERING DATE

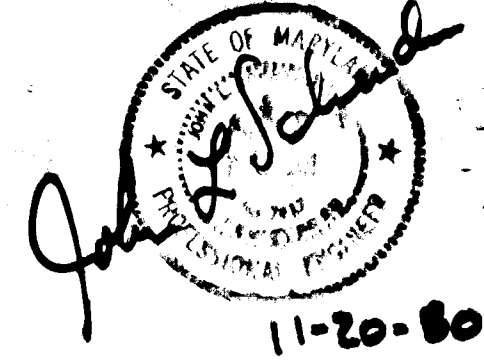
**ENGINEERS:**  
LAND DEVELOPMENT CONSULTANTS  
HODKINS ASSOCIATES, INC.  
231 JOSEPH SQUARE  
COLUMBIA, MARYLAND 21044

**OWNERS & DEVELOPERS:**  
WILLIAM C. HOFFMAN  
& J. DONALD HOFFMAN



PLAN  
SCALE: 1" = 50'

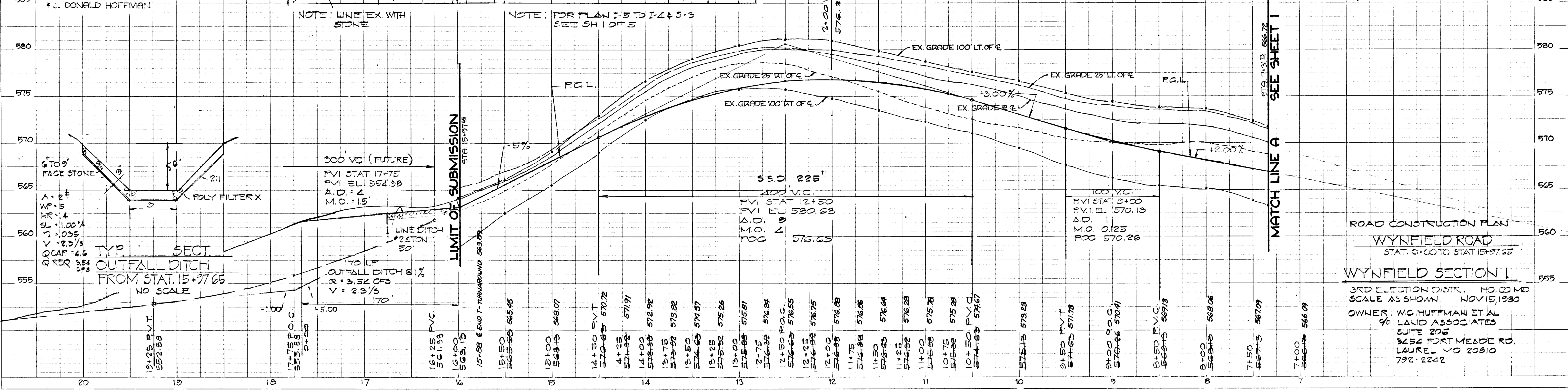
PROFILE  
SCALE: 1" = 5' HORIZ.  
SCALE: 1" = 5' VERT.



REV. NO.	REV. DATE	DESCRIPTION
2	8-13-81	ADDED TYP. SECT. OUTFALL 5:3
1	8-13-81	ADDED PROFILE OF STORM SYSTEM 1.55

AS-BUILT 9-1-82  
AS-BUILT SURVEY CERTIFIED  
BY WALTER PARK REG. LAND  
SURVEYOR No. 5539

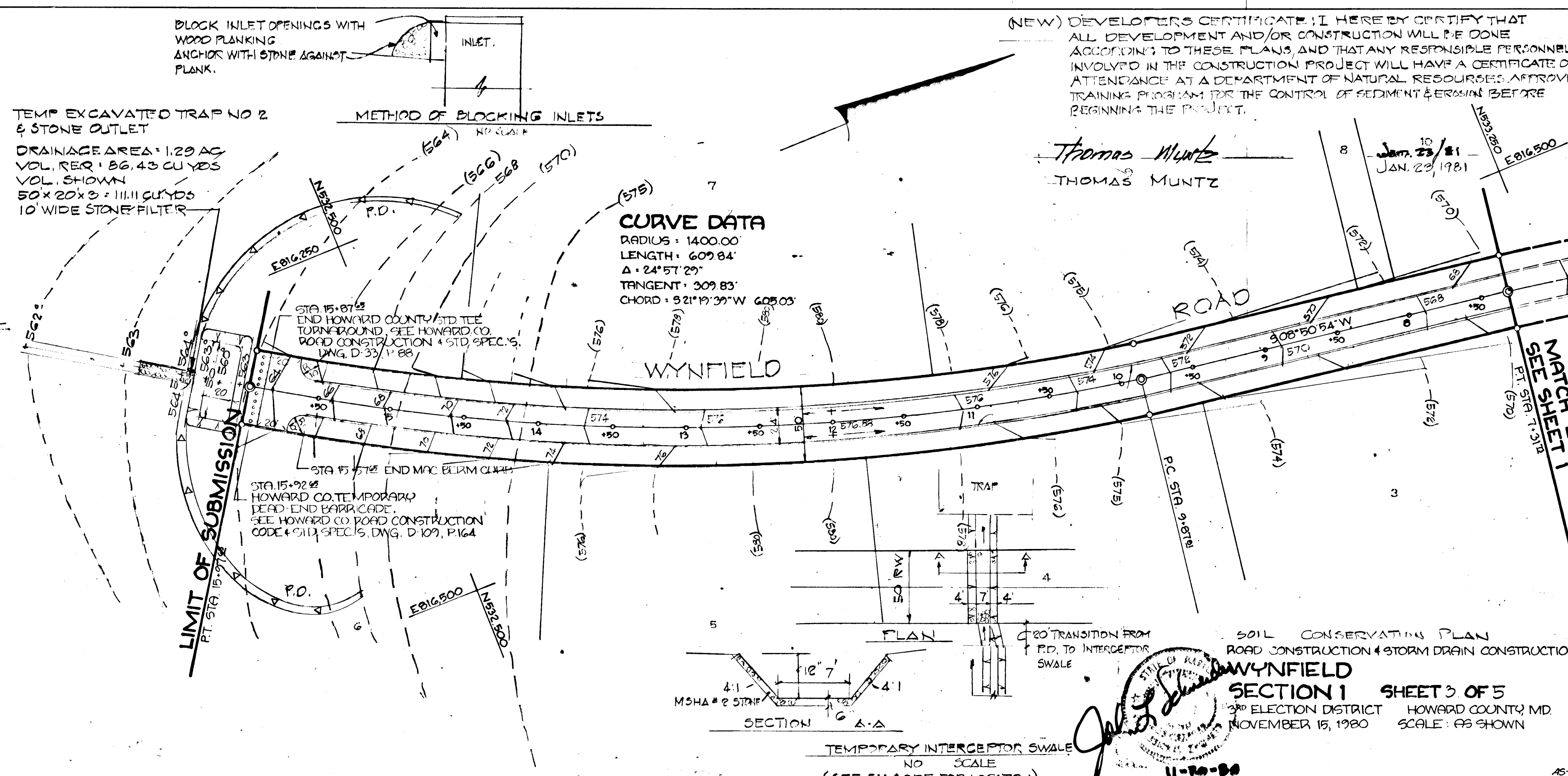
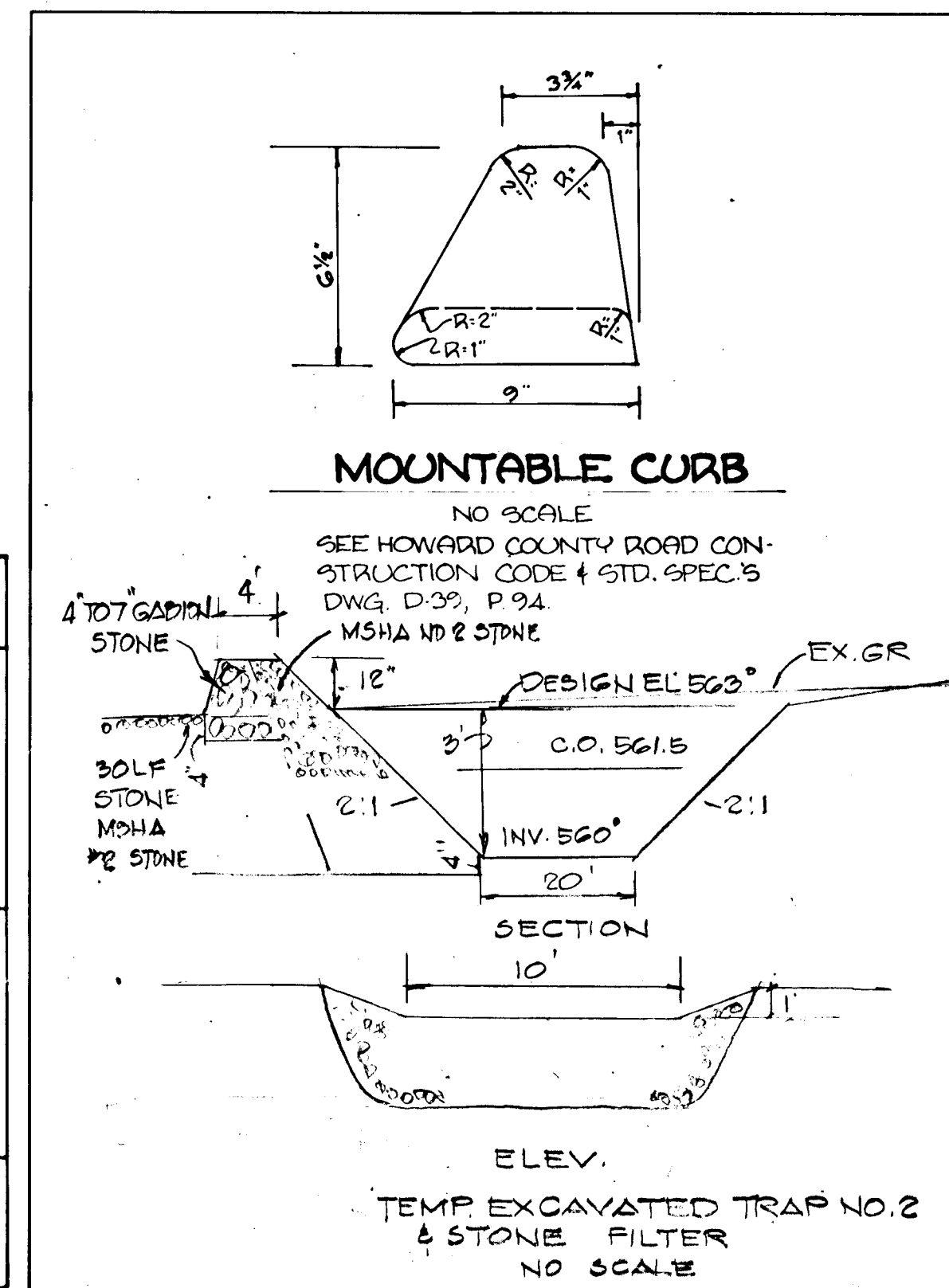
DATE	
BY	
REVISIONS	
NO.	
PROFILE	
NO.	





DATE	
BY	
PLANNING	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	



(NEW) DEVELOPER'S CERTIFICATE: I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, 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 EROSION & SEDIMENT BEFORE BEGINNING THE PROJECT.

Thomas Muntz  
THOMAS MUNTZ

Jan. 23/81  
JAN. 23, 1981

ENGINEER'S CERTIFICATE:  
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN AND ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MD SOIL CONSERVATION DISTRICT.

John L. Schneider  
JOHN L. SCHNEIDER

11-20-80  
DATE



DEVELOPER'S CERTIFICATE:  
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF EROSION AND SEDIMENT CONTROL AND PLAN OF EROSION & SEDIMENT CONTROL. I WILL PERFORM PERIODIC ON SITE INSPECTION BY THE MD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE MD SOIL CONSERVATION DISTRICT.

SIGNATURE: Thomas Muntz  
DATE: 4-14-81

REVIEWED FOR MD SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

Walter Park  
WALTER PARK SURVEY SERVICE  
DATE: 4-14-81

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

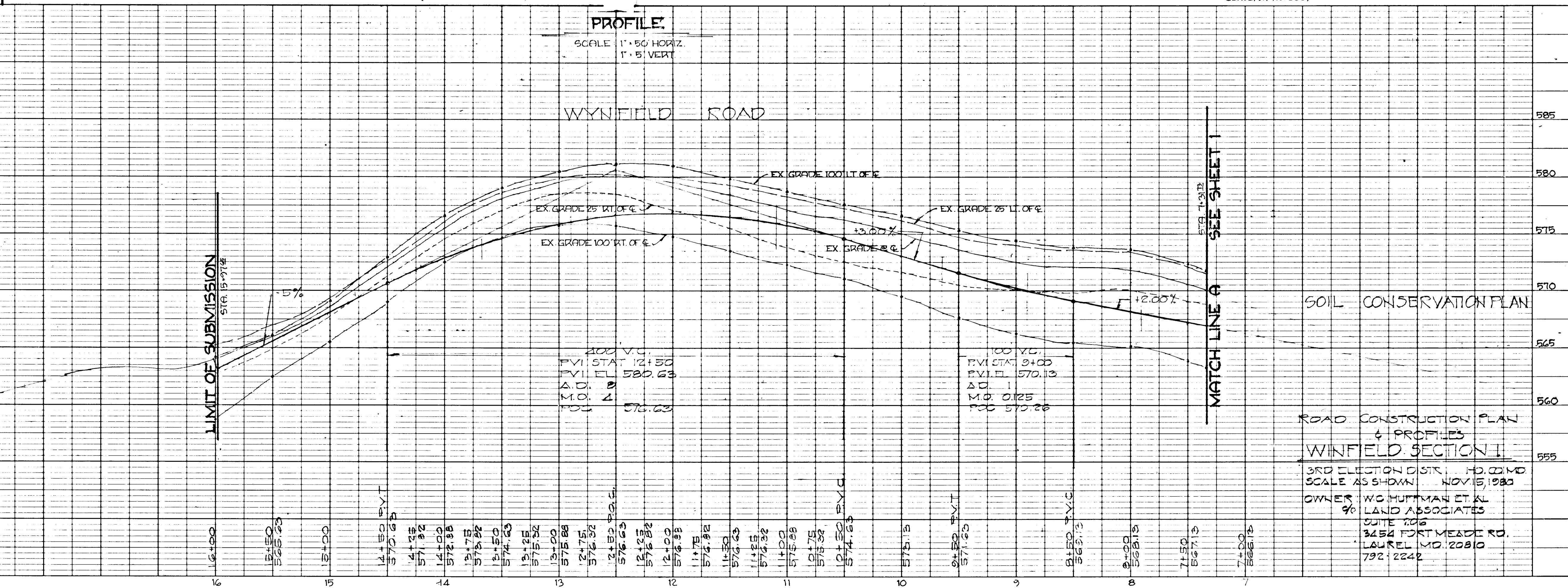
William C. Hoffman  
W.C. HOFFMAN & J. DONALD HOFFMAN  
MD SOIL CONSERVATION DISTRICT  
DATE: 4-14-81

APPROVED: OFFICE OF PLANNING & ZONING.  
Chief, Division of Land Development & Zoning Admin. DATE: 4-14-81

APPROVED: DEPARTMENT OF PUBLIC WORKS.  
Chief, Bureau of Engineering DATE: 4-22-81

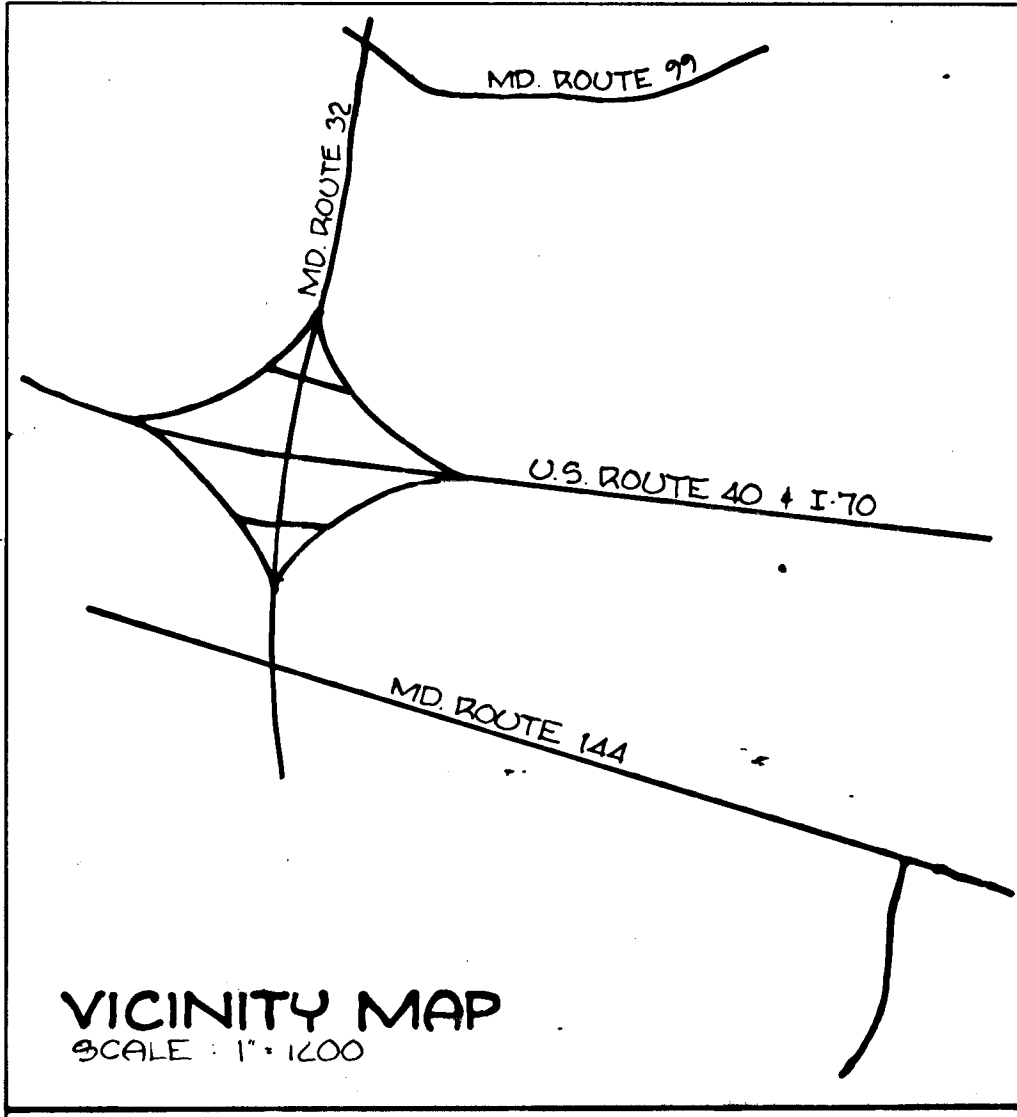
**ENGINEERS:**  
LAND DEVELOPMENT CONSULTANTS & HODDING ASSOCIATES, INC.  
231 JOSEPH STREET  
COLUMBIA, MARYLAND 21044

**OWNERS & DEVELOPERS:**  
WILLIAM C. HOFFMAN & J. DONALD HOFFMAN



BRUNING 44-132-29726-1





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

SIGNATURE: THOMAS MUNTZ DATE: \_\_\_\_\_

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

SIGNATURE: JOHN L. SCHNEIDER DATE: 11-20-80



- CONSTRUCTION SEQUENCE**
1. OBTAIN GRADING PERMIT
  2. INSTALL SEDIMENT CONTROL MEASURES
  3. GRADE ROAD
  4. STABILIZE SLOPES
  5. PAVE FROM STA 1+50 TO STA 15+97.65
  6. FINE GRADE FROM CURB TO R/W LINE
  7. STABILIZE STEP NO. 6
  8. CONSTRUCT PERMANENT STORM WATER MANAGE. FOND, S.W.M. FOND SHALL BECOME TEMP. EXCAVATED TRAP IN PLACE OF TEMP. EXCAVATED TRAP NO. 1.
  9. CONSTRUCT STORM DRAIN SYSTEM, BLOCK LOW FLOW OPENING IN S-2, BLOCK ALL INLET OPENINGS, SEE DETAIL SH. 3 OF 5
  10. PAVE FROM STA. 0+00 TO STA. 1+50
  11. STABILIZE FOND
  12. REMOVE TEMP. MEASURES

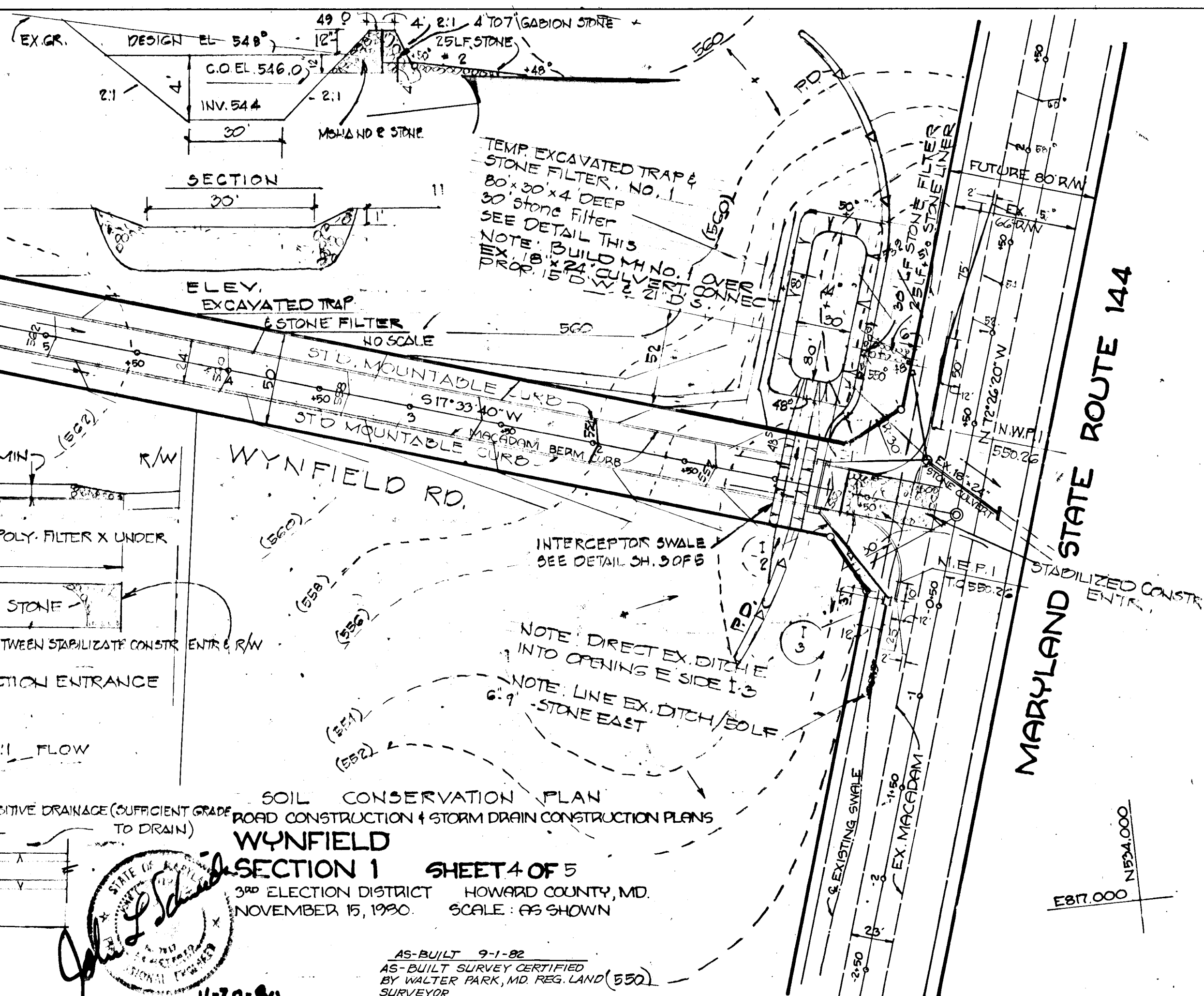
REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

SIGNATURE: \_\_\_\_\_ DATE: 4-14-81

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

SIGNATURE: William Thorne DATE: 4-14-81

TEMP. EXCAVATED TRAP NO. 1  
 DRAINAGE AREA: 2.9 AC.  
 VOL. REQ.: 328.3 CU. YDS  
 VOL. SHOWN: 80X20X4 = 355.55 CU. YDS.



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

**DEVELOPERS CERTIFICATE:** I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A COURSE OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

SIGNATURE: Thomas Muntz DATE: JAN. 20, 1981

**SEDIMENT CONTROL NOTES:**

1. OBTAIN GRADING PERMIT.
2. THE HO. CO. BUREAU OF LICENSE, INSPECTIONS & PERMITS SHALL BE GIVEN 24 HRS. NOTICE PRIOR TO ANY GRADING.
3. ALL SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN, UNLESS OTHERWISE SPECIFIED, SHALL BE INSTALLED IN ACCORDANCE WITH NOTE A.
4. ALL SLOPES SHALL BE 3:1 MAX. UNLESS SPECIFIED OTHERWISE.
5. FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UP-GRADED, THE AREA OF SEDIMENT CONTROL MEASURES MAY BE REMOVED & GRADED TO THE FINAL GRADE SHOWN & STABILIZED IMMEDIATELY.
6. IN THE EVENT OF EXCESS MATERIAL, EXCESS MATERIAL SHALL BE STOCK PILED WITH A MAX. SLOPE OF 3:1 IN AN AREA WHICH HAS BEEN CLEARED ON-SITE. STOCK PILED MATERIAL SHALL BE STABILIZED IN ACCORDANCE WITH NOTE NO. 8.
7. SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM HO. CO. BUREAU OF PERMITS, INSPECTION, & LICENSE.
8. PERMANENT STABILIZATION  
 APPLY: 2000 LBS PER AC. OF PULVERIZED COLOMITIC LIMESTONE.  
 700 LBS PER AC. OF 0-20-0 SUPER PHOSPHATE  
 1000 LBS PER AC. OF 10-10-10 FERTILIZER  
 SEED:  
 85 LBS PER AC. OF KENTUCKY 31 TALL FESCUE &  
 25 LBS PER AC. OF ANNUAL RYE GRASS.  
 NOTE: SEED BETWEEN MAR. 1 - MAY 1 OR AUG. 1 - OCT. 1 ONLY.  
 MULCH: 2 TONS PER AC. OF UNWEATHERED WHEAT STRAW.  
 THE DOWN MULCH WITH 20 GAL PER AC. OF LIQUID ASPHALT

APPROVED: OFFICE OF PLANNING & ZONING.

SIGNATURE: \_\_\_\_\_ DATE: 4-14-81

APPROVED: DEPARTMENT OF PUBLIC WORKS.

SIGNATURE: \_\_\_\_\_ DATE: 4-22-81

**ENGINEERS**  
 LAND DEVELOPMENT CONSULTANTS  
 & HOOKINS ASSOCIATES, INC.  
 231 JOSEPH SQUARE  
 COLUMBIA, MARYLAND 21044

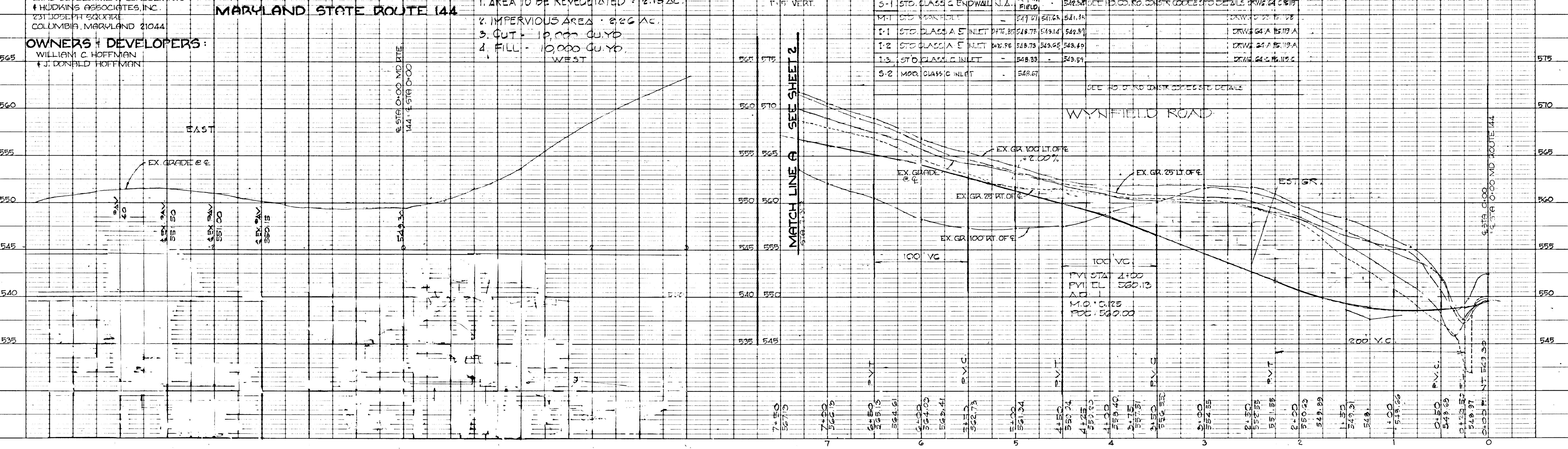
**OWNERS & DEVELOPERS:**  
 WILLIAM C. HOFFMAN  
 & J. DONALD HOFFMAN

**MARYLAND STATE ROUTE 144**

**SITE ANALYSIS: 42 AC SITE**

1. AREA TO BE REVEGETATED: 2.15 AC.
2. IMPERVIOUS AREA: 226 AC.
3. CUT: 12,000 CU. YD.
4. FILL: 10,000 CU. YD. WEST

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

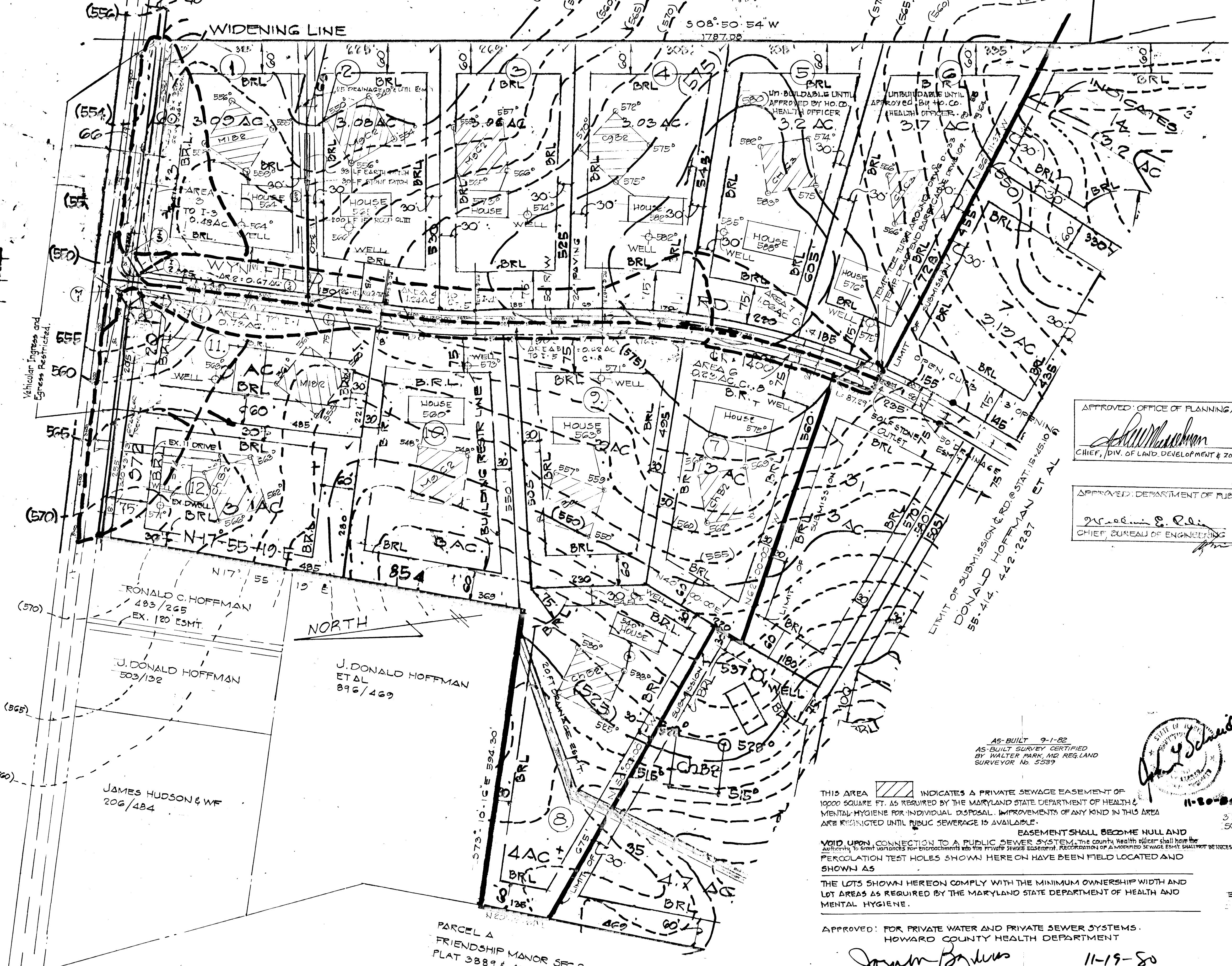




W.S. HERB & W.F.  
392-569  
ZONED R

JOHN & MARIE SOBUS  
751-171  
ZONED R

OLD  
FREDERICK  
RT. 144



APPROVED: OFFICE OF PLANNING AND ZONING  
*[Signature]* 4/19/81  
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 4/22/81  
CHIEF, BUREAU OF ENGINEERING DATE

VICINITY MAP  
SCALE 1" = 200'

PERCOLATION TEST DATA			
OLD LOT NO.	NEW LOT NO.	AVERAGE PERCOLATION TIME IN MINUTES PER 2ND. INCH	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWERAGE SYSTEM AREA AT ITS HIGHEST POINT WITH REFERENCE TO EXISTING GRADE AT TIME OF PERC.
	1	25 M	3.5
	2	16 M	4
	3	7 M	4
	4	7 M	4
	5	UN-BUILDABLE UNTIL APPROVED BY HO. CO. HEALTH OFFICER	
	6	UN-BUILDABLE UNTIL APPROVED BY HO. CO. HEALTH OFFICER	
32	7	8 M	4
34	8	8 M	3 1/2
33	9	8 M	3 1/2
50	10	10 M	3
57	11	8 M	4
58	12	12 M	4

- GENERAL NOTES:
1. AREA OF SITE = 40.326 AC.
  2. NO. OF LOTS = 12
  3. OWNER: DONALD HOFFMAN ET AL
  4. PARCEL NO 88 TAX MAP 15
  5. DEED REF 55-214, 442-2287
  6. 3RD ELECTION DISTRICT.
  7. ZONING R
  8. PRIVATE WATER & PRIVATE SEWER.
  9. SEE SKETCH PLAN NO 5-80-10

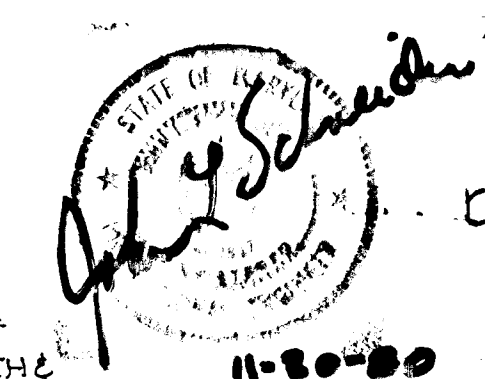
THIS AREA INDICATES A PRIVATE SEWER EASEMENT OF 10000 SQUARE FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY KIND IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE.

VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO LIMIT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECONSTRUCTION OF A PRIVATE SEWER SYSTEM SHALL NOT BE NECESSARY.

PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS . THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

*[Signature]* 11-19-80  
COUNTY HEALTH OFFICER DATE



DRAINAGE AREA MAP  
WYNFIELD SECTION ONE

3RD DISTRICT  
SCALE: 1" = 100'  
HO. CO. MD.  
SEPT. 20, 1980

OWNER:  
DONALD HOFFMAN ET AL  
C/O LAND ASSOCIATES  
SUITE 206  
3454 FORT MEADE RD  
LAUREL MD. 20810  
792-2242

ENGINEERS  
LAND DEVELOPMENT CONSULTANTS  
HUDKINS ASSOCIATES  
JOSEPH SA (SUITE 231)  
COLUMBIA MD 21044  
730-9060-225-6543

PERCOLATION TESTS SHOWN  
HEREON ARE FIELD LOCATED

REV. NO.	REV. DATE	DESCRIPTION
1	8-10-81	REVISED DRAINAGE AREAS TO I-1 & I-2
2	"	ADDED FRESH DRAIN SYSTEM I-5 TO I-4 TO S-2
3	"	DELETE SWM

Water Park 7/10/1980

Note: This plan is subject to the 1980 Subdivision and Land Development Regulations, effective September 15, 1980.

