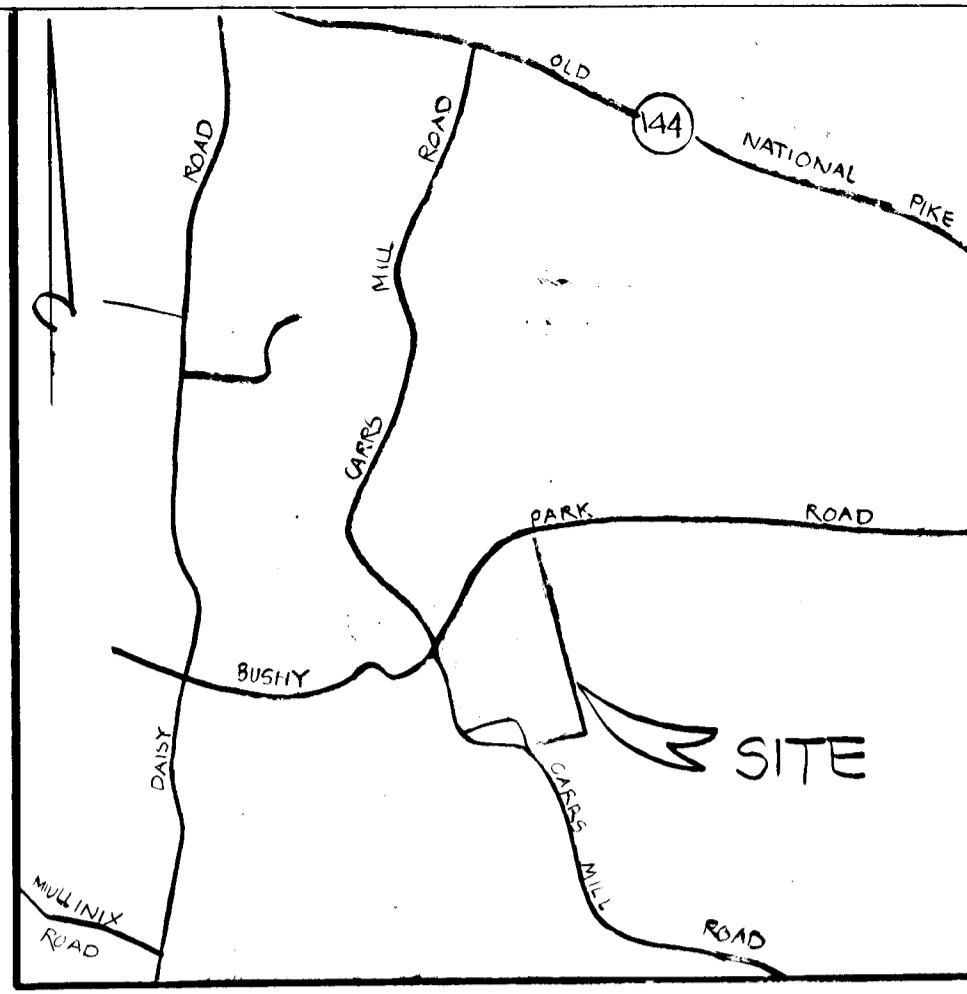
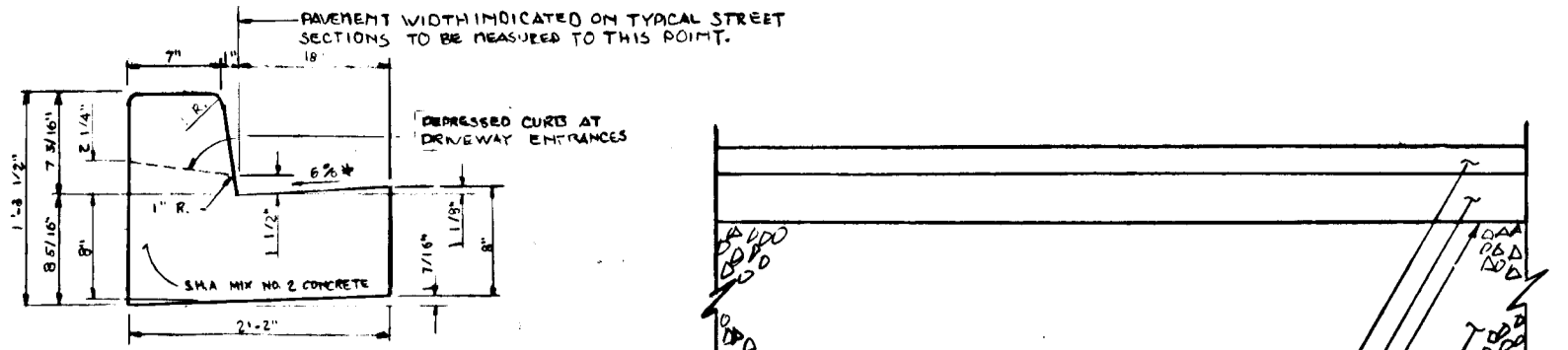
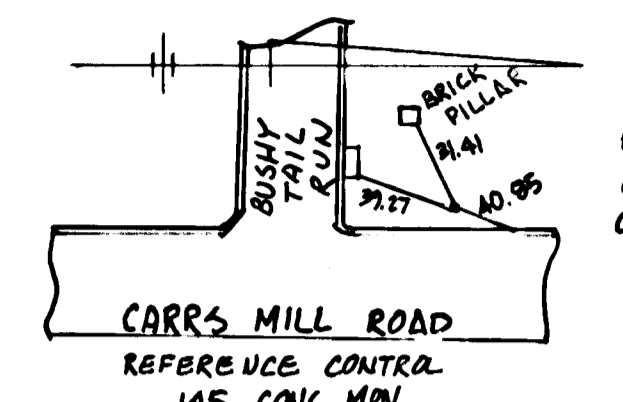


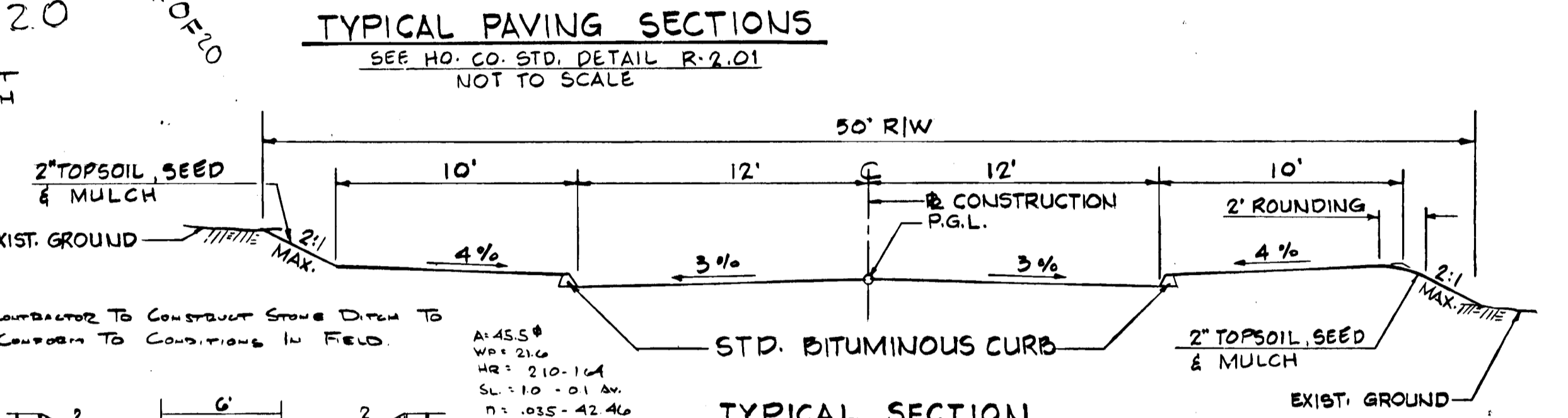
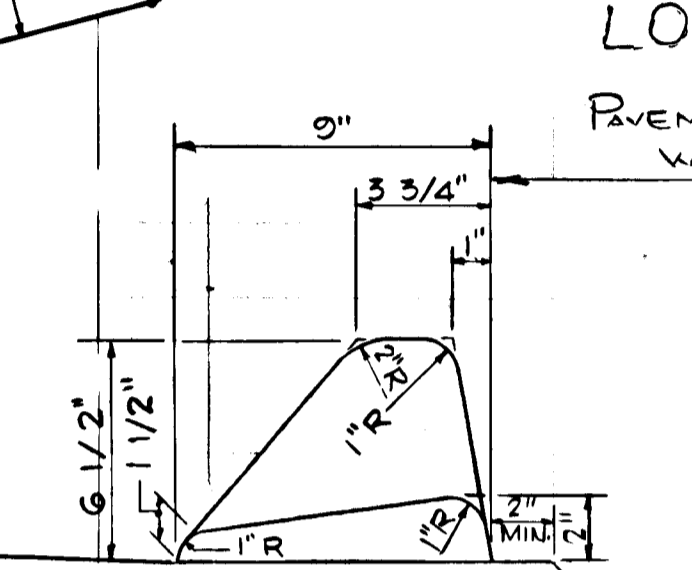
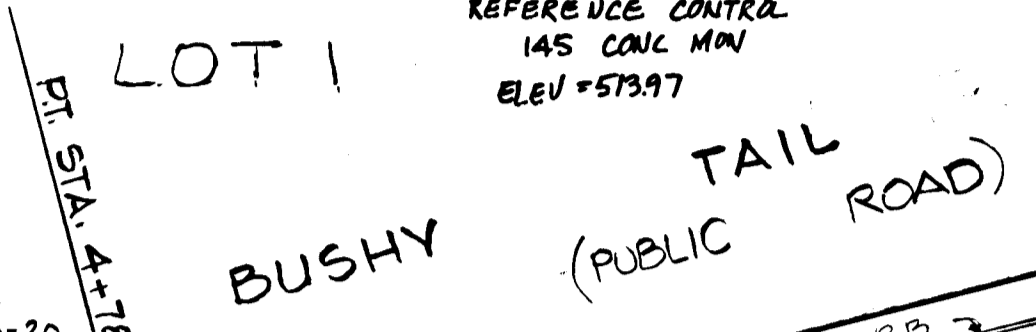
STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	REMARKS
S-1	Modified Type C Endwall	504.24	504.24	511.69	(See Plan)
S-2	Modified Type C Endwall	508.40	508.40	511.69	(See Plan)
I-1	A-10 Inlet	507.27	507.27	511.69	0+50 14' LEFT Rate SD-4.02
I-2	A-10 Inlet	506.89	506.74	511.69	0+50 14' RIGHT Rate SD-4.02

± CURVE DATA
 R=325
 L=363.97
 Δ=64°10'00"
 T=203.74
 CHD=N17°55'00"E 345.25

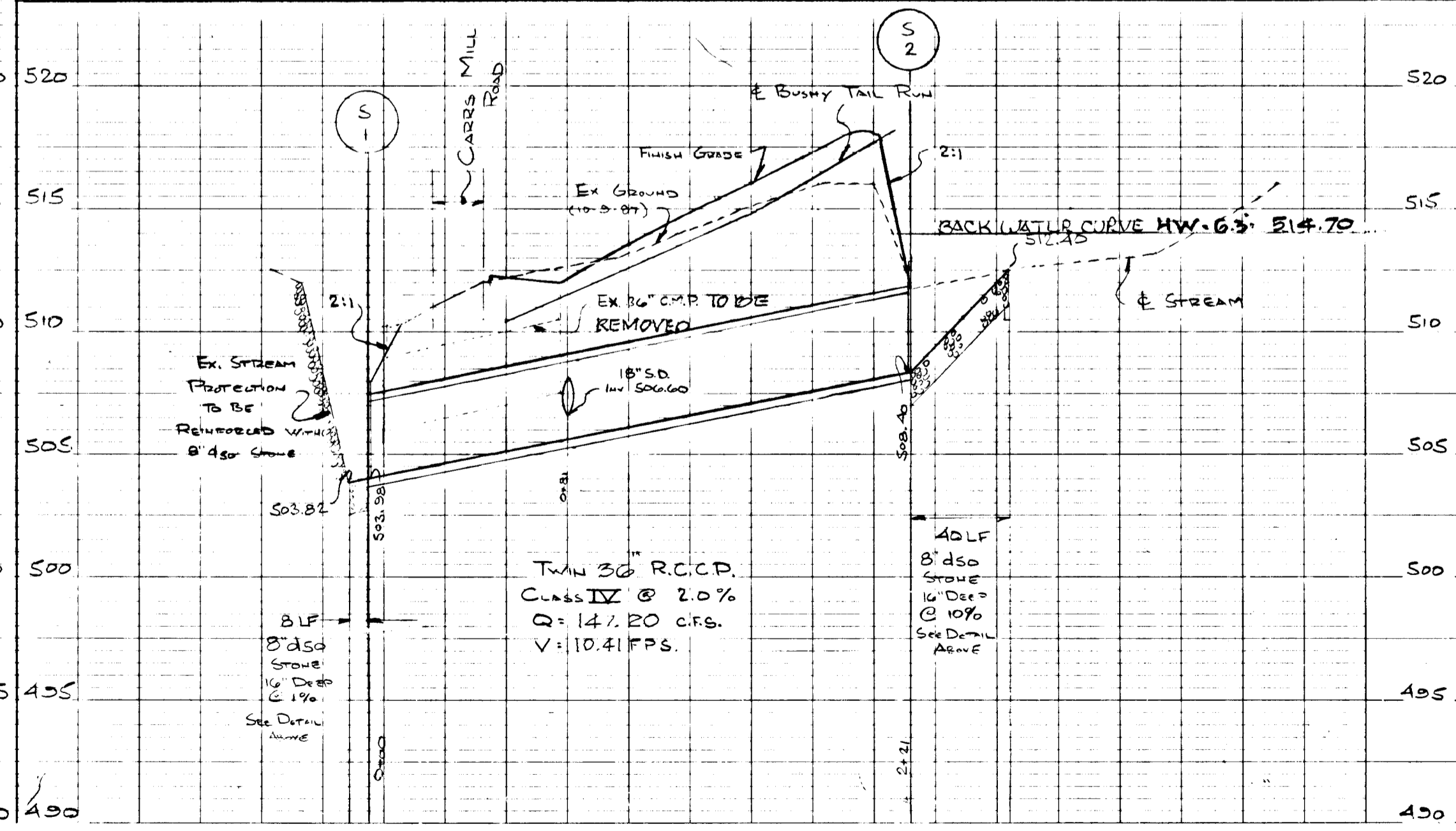
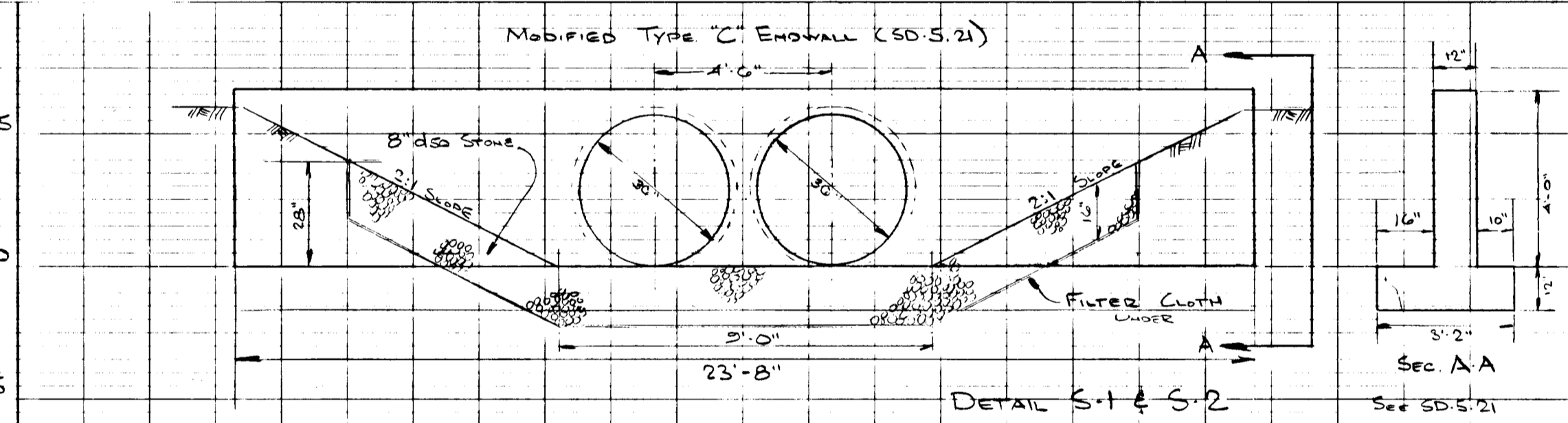
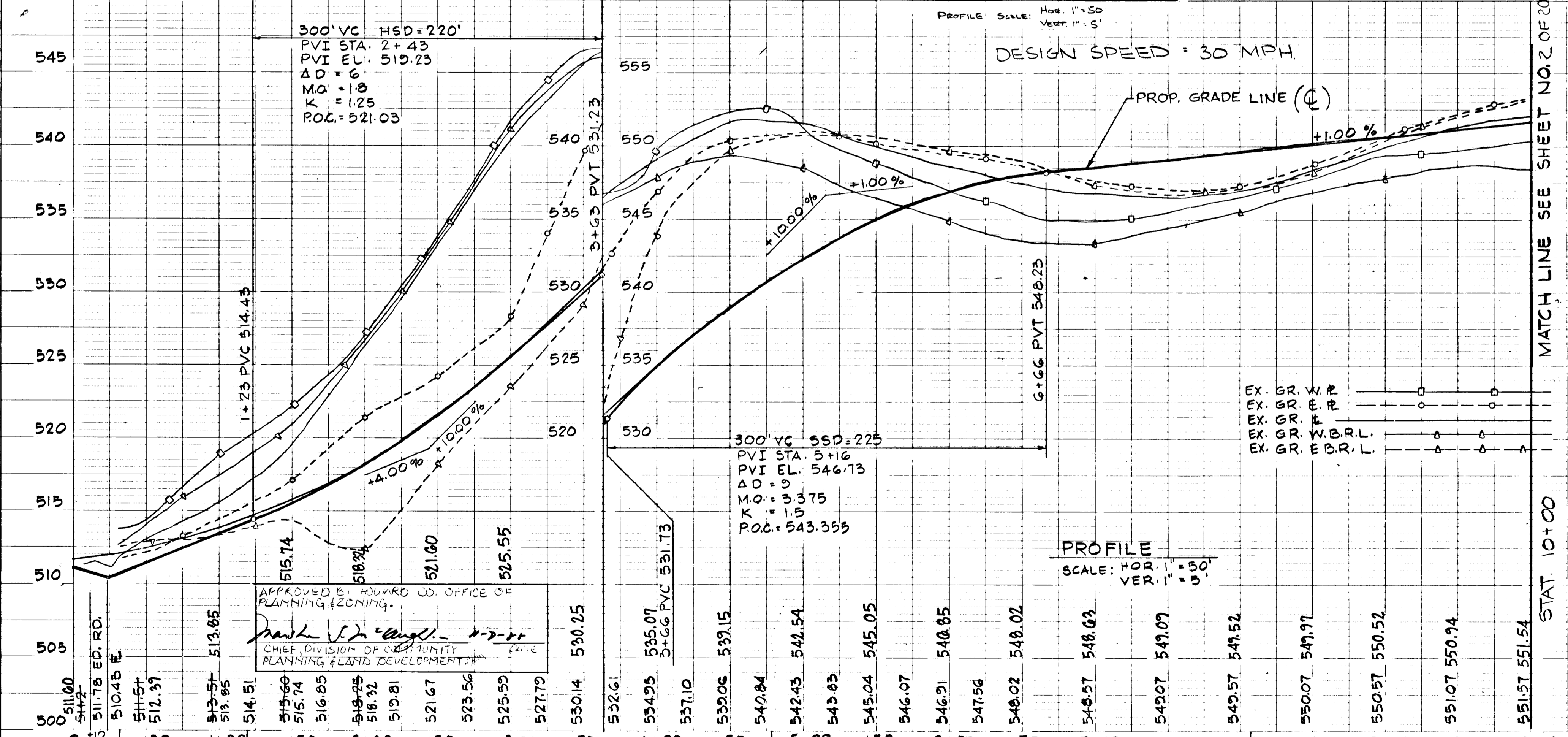
± CURVE DATA
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 Δ=55°50'00"
 T=335.15
 CHD=N34°05'00"W 630.21



± CURVE DATA
 R=325
 L=363.97
 Δ=64°10'00"
 T=203.74
 CHD=N17°55'00"E 345.25



BUSHY TAIL RUN STA. 0+00 TO STA. 14+47.05
 FOXPAW TRAIL STA. 0+00 TO STA. 10+27.65



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 10/10/07
 10/25/07
 11/2/07

ENGINEERS:
 JOHN C. MELLETT & ASSOCIATES, INC.
 6100 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21229
 (301) 744-3880

DES. TKS. P.S.E.
 DRN. P.E.
 CHK. J.S.
 DATE: 1-15-07

FOXPORT PLANTATION
 LOTS 1 THRU 21
 4TH ELECTION DISTR. HOWARD CO. MD.
 SCALE: AS SHOWN
 JANUARY 15, 2008

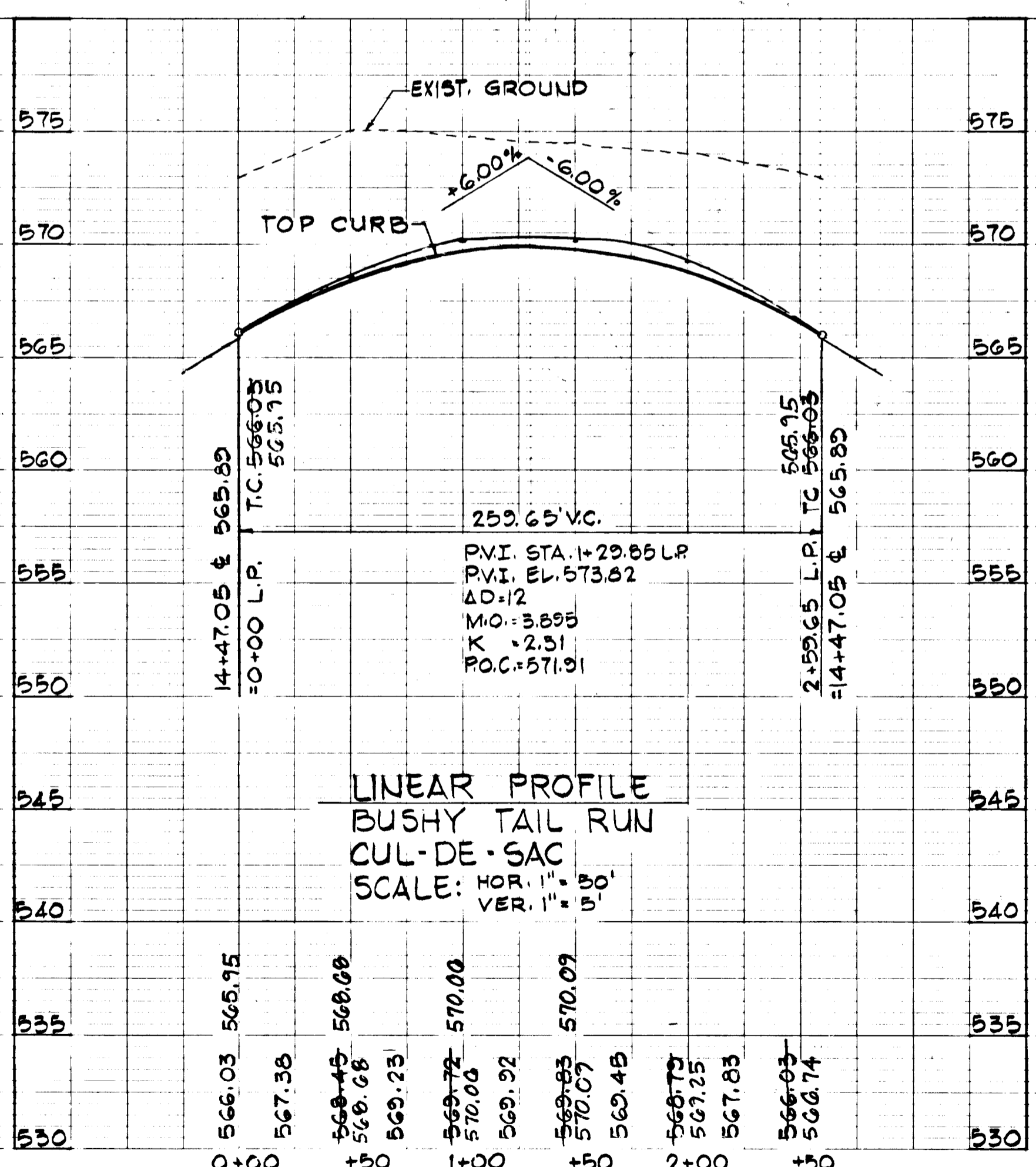
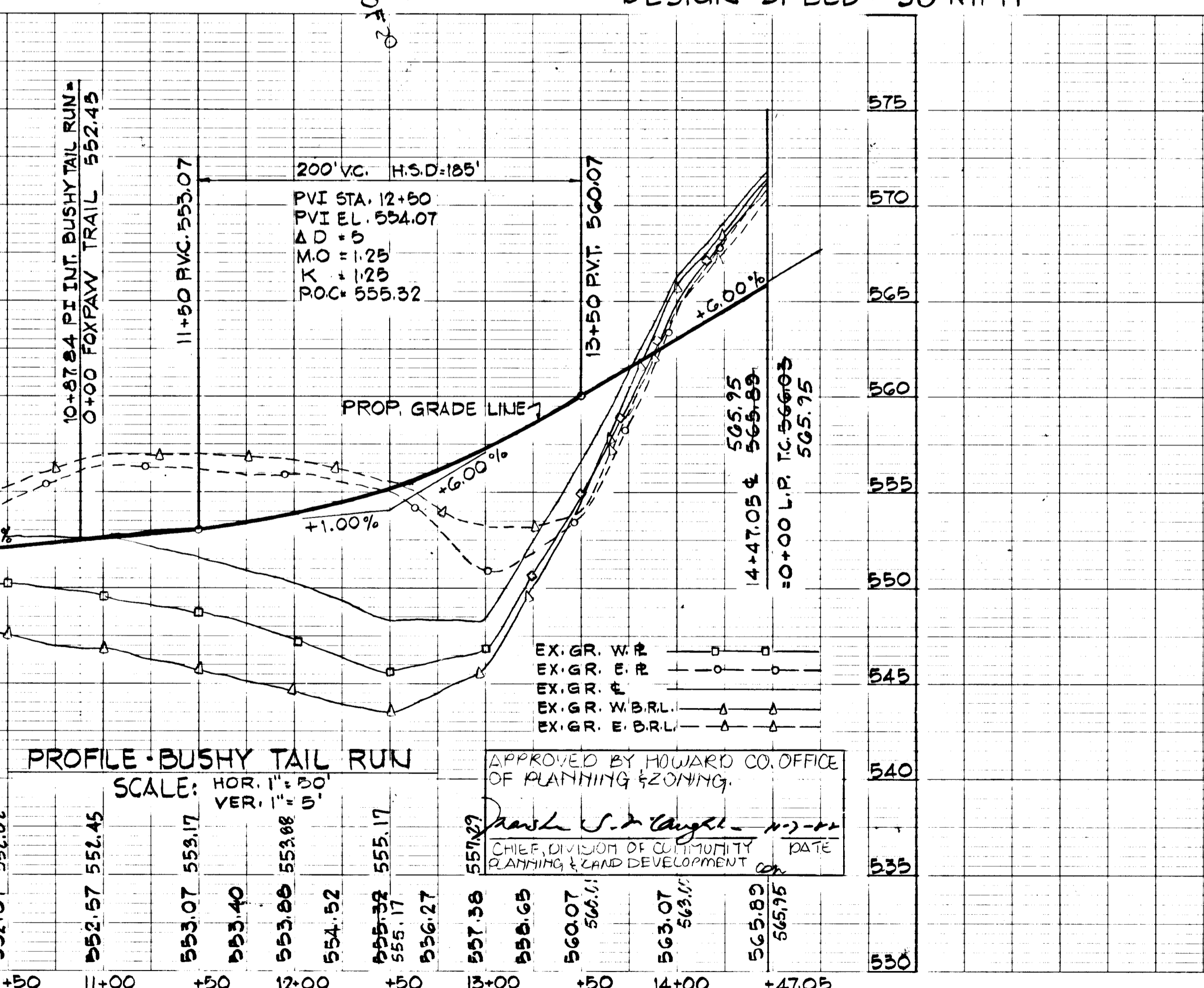
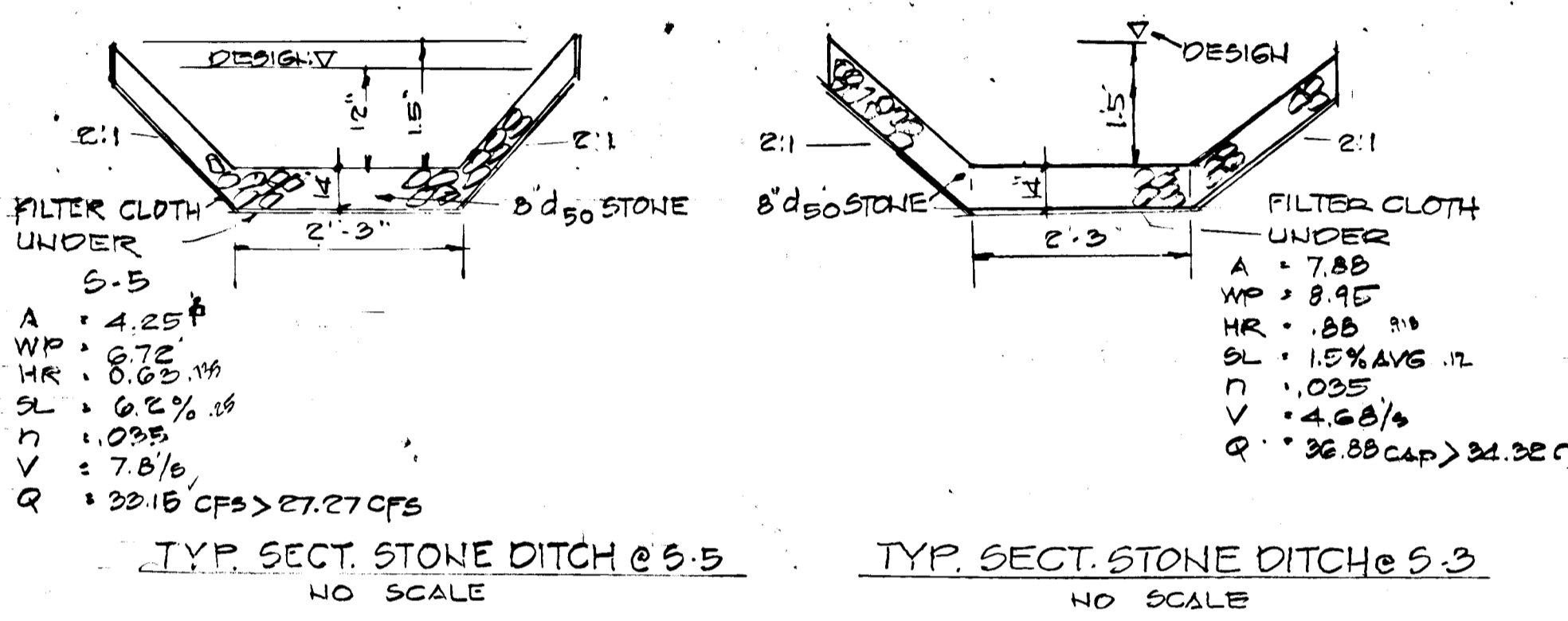
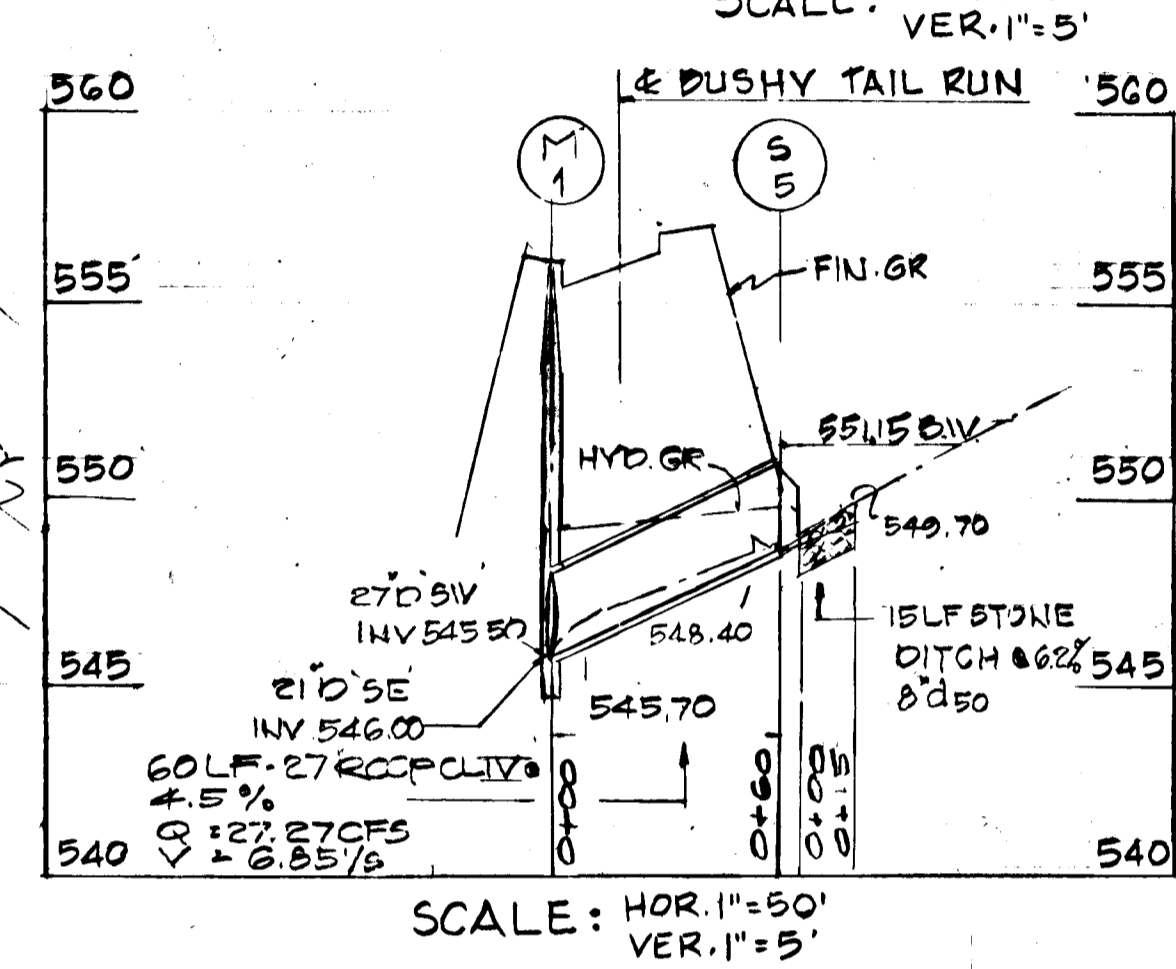
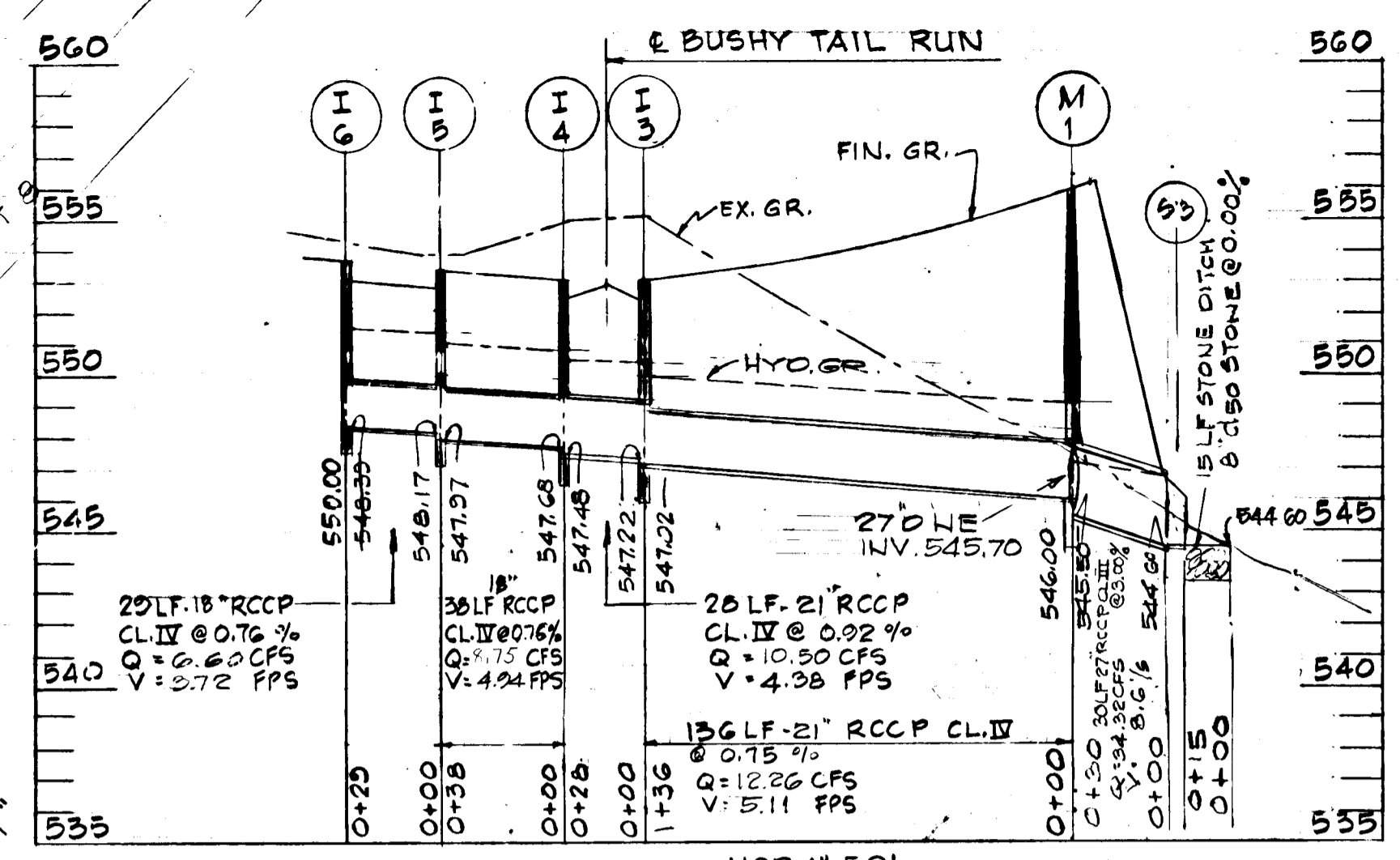
ROAD CONSTRUCTION PLAN & PROFILES
 BUSHY TAIL RUN
 (PUBLIC ROAD)
 STAT 0+00 TO STAT. 14+47.05
 SCALE AS SHOWN
 SHEET 1 OF 20

CURVE DATA
 R=925'
 L=643.08'
 Δ=39°50'00"
 T=335.15'
 CHD=N 34°05'00"W 630.21'

NOTE: INSTALL STD. CONC. CURB & GUTTER 15" EACH SIDE OF I-3 & STAT. 11+15 TO & STAT. 11+45

NOTE: CONTRACTOR SHALL GRADE TO INSURE POSITIVE DRAINAGE TO S-5

STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARKS
S-3	A-10 INLET	547.22	547.02	553.02	11+31 14' LEFT	SD 4.02
I-4	A-10 INLET	547.68	547.48	553.02	11+31 14' RIGHT	SD 4.02
S-5	A-10 INLET	548.11	547.97	553.35	0+40 14' LEFT	SD 4.02
I-6	A-10 INLET	548.34	548.14	553.63	0+47 14' RIGHT	SD 4.02
MH-1	STANDARD MANHOLE	546.00	545.80	546.52	12+72 18' LEFT	G.S. (1)
S-3	LONG END SECTION	544.60	-	544.60	12+73 48' LEFT	SD 5.51
S-5	-	548.40	-	-	12+96 35' RIGHT	-



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

10/10/88
 10-26-88

1391D

ENGINEERS:
 JOHN C. MELLEMA SR. INC.
 610 BALTIMORE NATL. PIKE
 BALTIMORE MD 21228
 (301) 741-9980

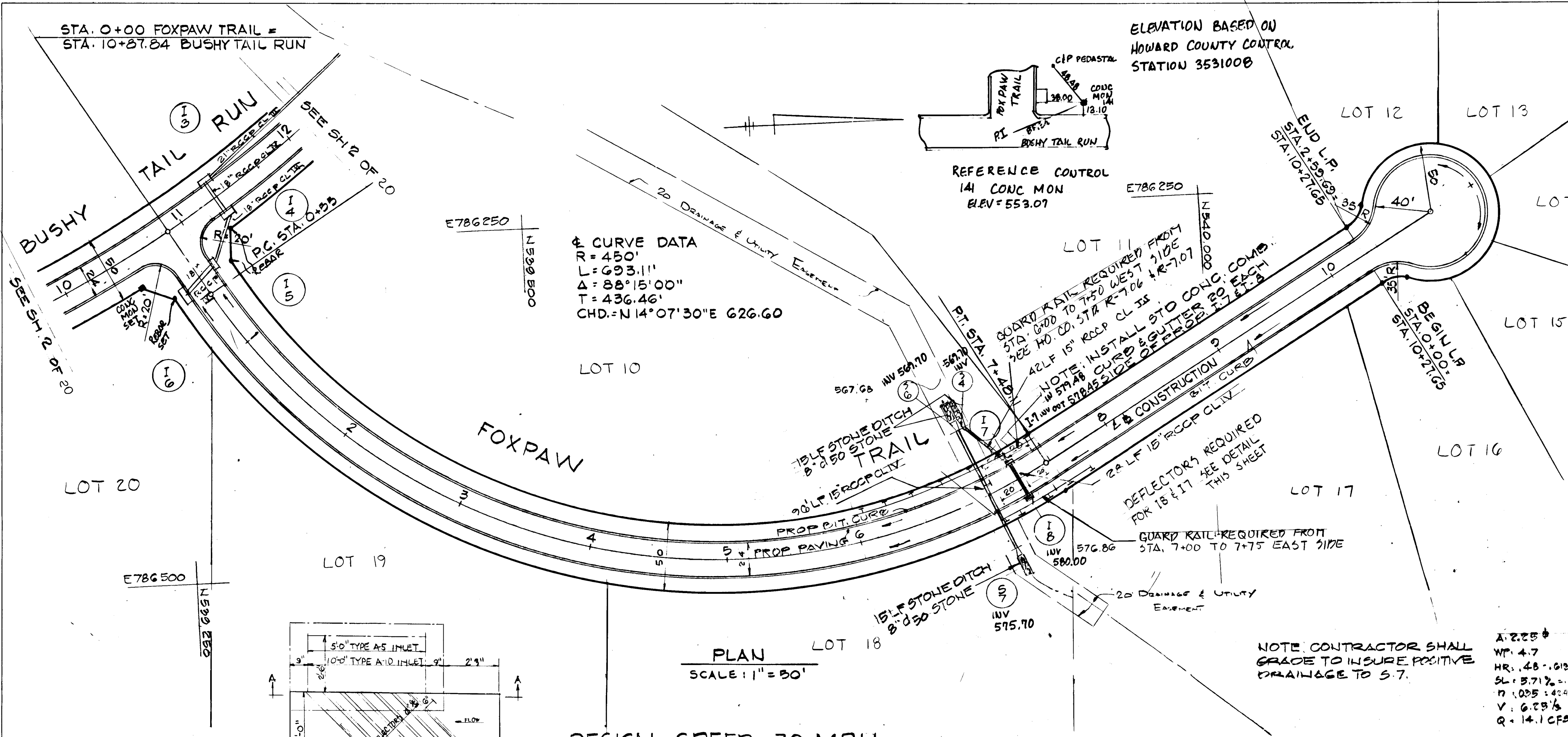
DES: TKS
 DRN: P.E.P.B.
 CHK: J.S.
 DATE: 1/15/88

AS BUILT ENDLINES

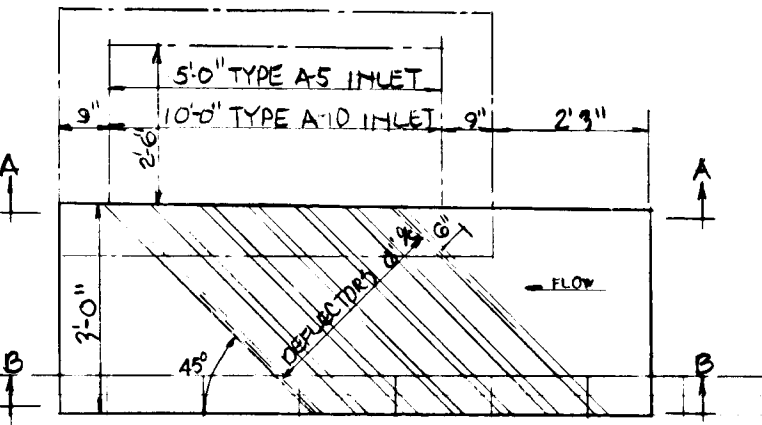
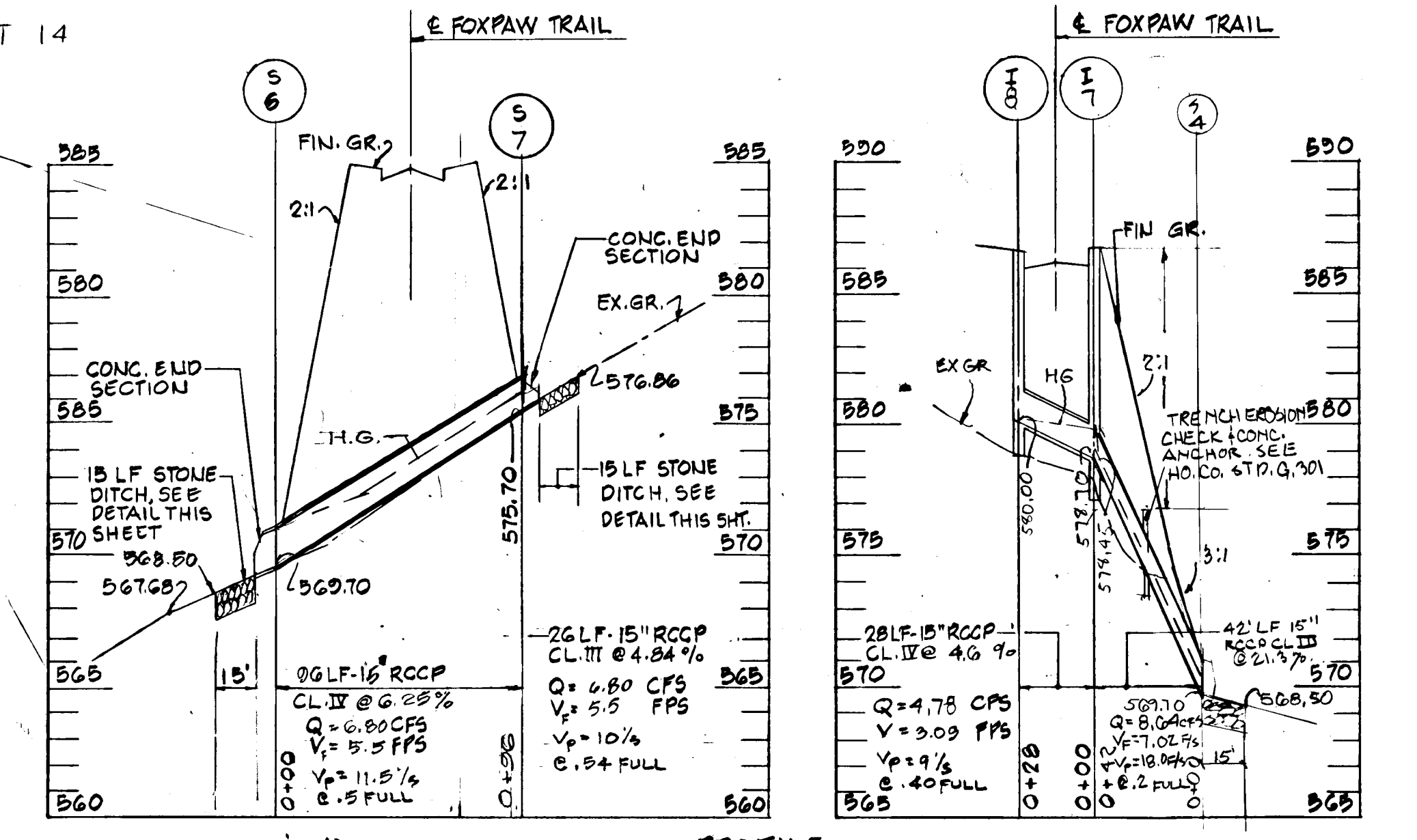
FOXPORT PLANTATION
 LOTS 1 THRU 21
 4TH ELECTION DIST. HOWARD CO. MD
 SCALE: AS SHOWN JANUARY 15, 1988

ROAD CONSTRUCTION PLAN AND PROFILES
 BUSHY TAIL RUN
 (PUBLIC ROAD)
 STAT 0+00 TO STAT 14+47.05

SCALE AS SHOWN
 SHEET 2 OF 20

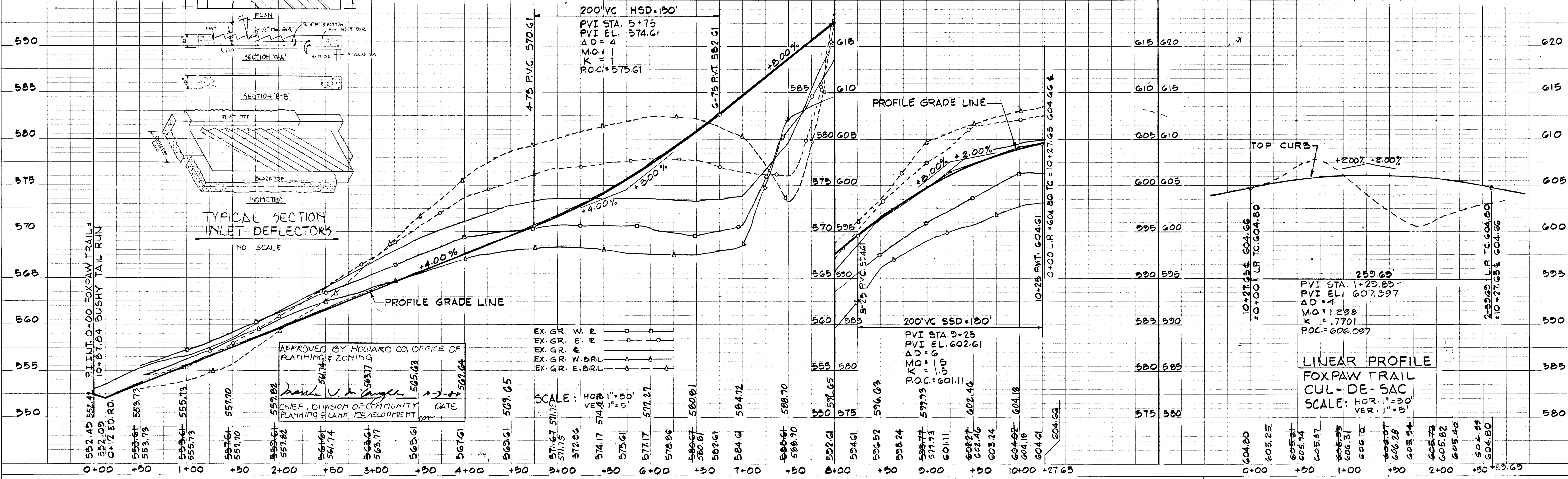


NO	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARK
I-7	A-10 INLET	579.46	579.46	586.75	7425 14 LEFT	SD4.02
I-8	A-10 INLET	578.70	578.70	586.75	7425 14 RIGHT	SD4.02
3-4	CONC END SECTION	569.70	569.70	571.15	7105 51 LEFT	SD5.51
5-6	CONC END SECTION	569.70	569.70	571.15	7105 51 LEFT	SD5.51
6-7	CONC END SECTION	575.70	575.70	571.15	7400 44 RIGHT	SD5.51



PLAN LOT 18
SCALE: 1" = 30'

DESIGN SPEED = 30 MPH



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

APPROVED BY HOWARD CO. OFFICE OF PLANNING & ZONING
DATE: 10-20-88
CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

ENGINEERS:
JOHN C. MELLEMA SR. INC.
6100 BALTIMORE NAUT. PIKE
BALTIMORE MD. 21228
(301) 744-8880

DES: TK5
DRN: P, R, B
CHK: T.S.
DATE: 1-17-88

AS BUILT REVLINES

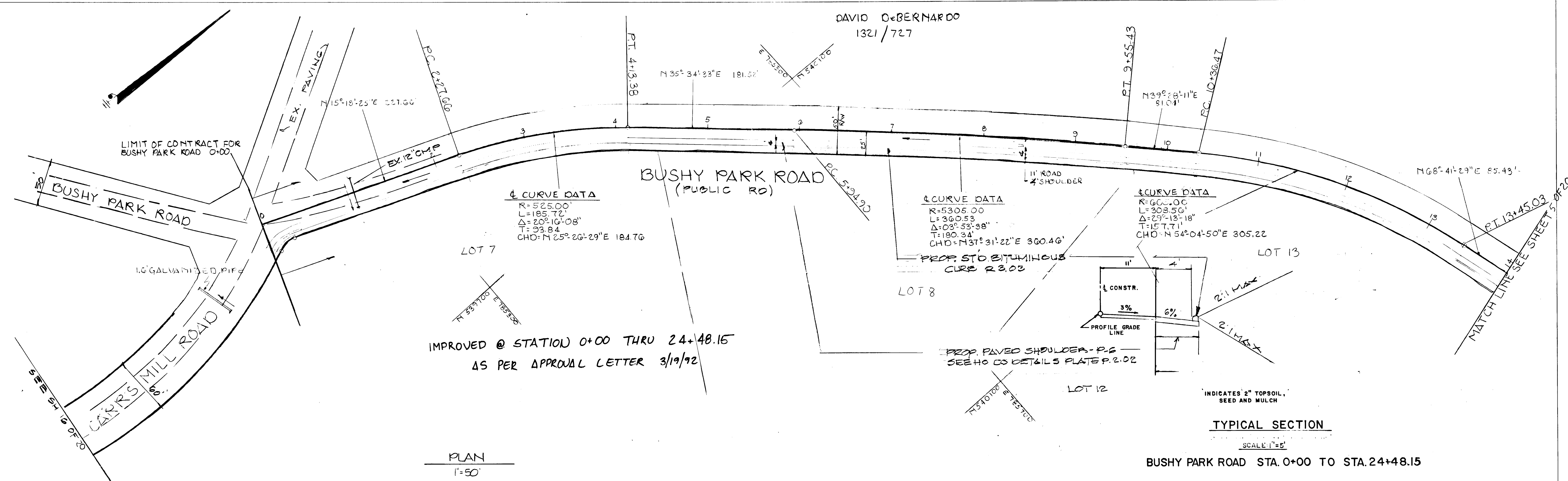
FOXPORT PLANTATION
LOTS 1 THRU 21
4TH ELECTION DIST. HOWARD CO. MD

ROAD CONSTRUCTION PLAN AND PROFILES
FOXPAW TRAIL
(PUBLIC ROAD)
STAT 0+00 TO STAT 10+27.65

SCALE AS SHOWN
SHEET 3 OF 20

1390

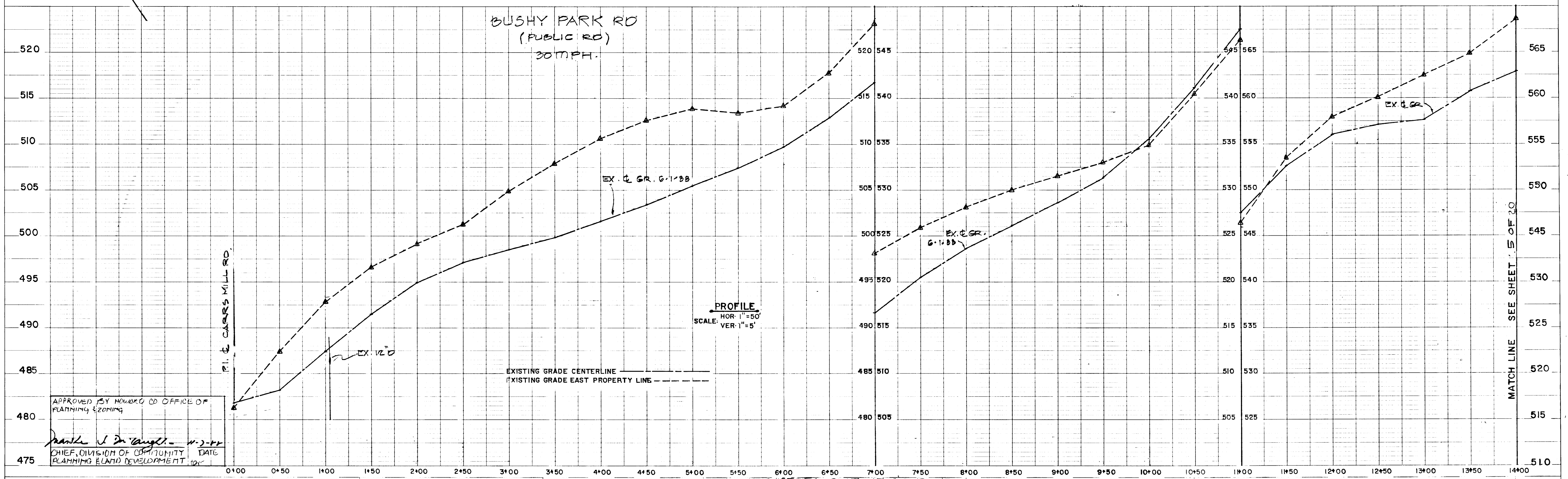
DAVID DeBERNARDO
1321/727



IMPROVED @ STATION 0+00 THRU 24+48.15
AS PER APPROVAL LETTER 3/19/92

PLAN
1"=50'

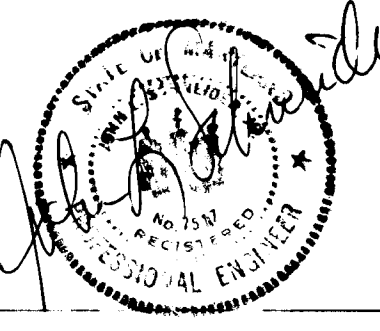
TYPICAL SECTION
SCALE: 1"=5'
BUSHY PARK ROAD STA. 0+00 TO STA. 24+48.15



APPROVED BY HOWARD CO OFFICE OF PLANNING & ZONING
Charles J. DeAngelis 11-2-92
CHIEF, DIVISION OF COMMUNITY DATE PLANNING & LAND DEVELOPMENT

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James W. Williams 10/26/88
CHIEF, BUREAU OF HIGHWAYS

ENGINEERS:
JOHN C MELLEMA SR. INC.
6100 BALTO. NATIONAL PIKE
BALTO. MD 21228
(301) 744-8820

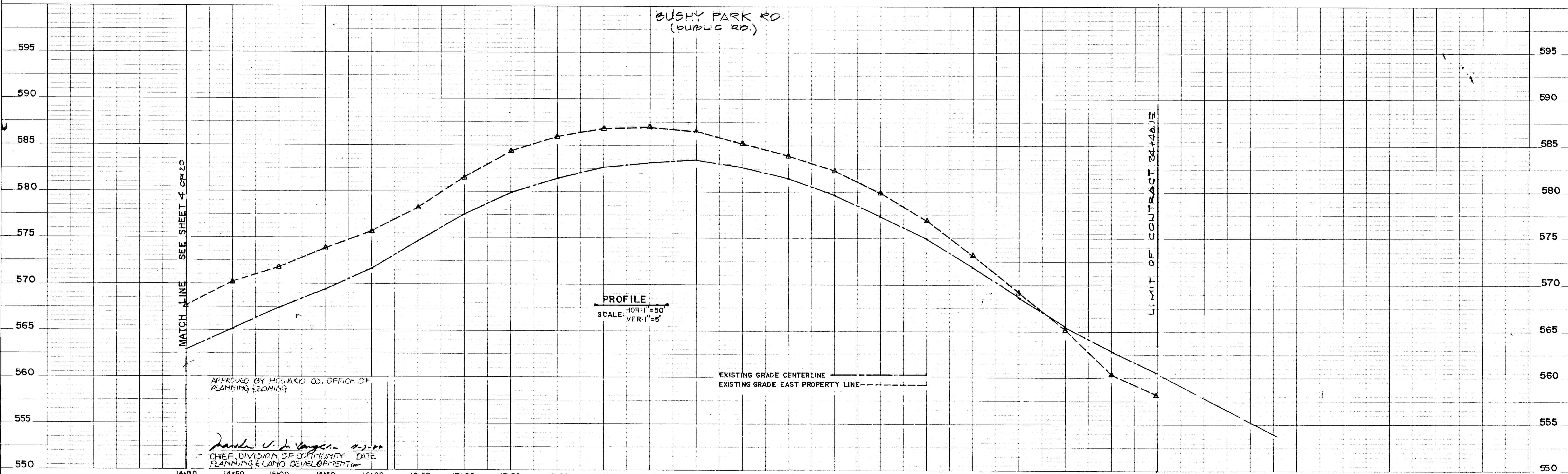
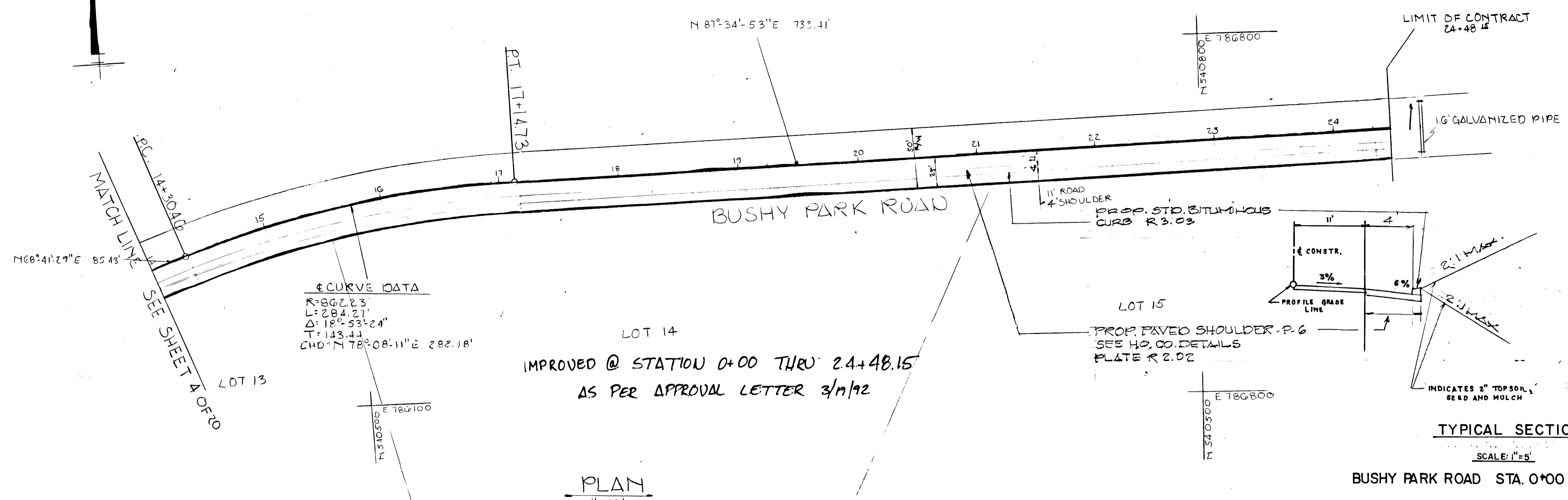


DES	TKS	T.S. 1. REVISED SECTION TO PAVED SHOULDER WITH STD BIT CURVE	7/2/92
DRN	PSE	T.S. 2. REMOVED DITCH LINE FROM PROFILE	8/24/93
CHK	TS JB	P.S.C. 3 AS BUILT REPLINES	
DATE:	BY	NO	REVISION

FOXPORT PLANTATION
LOTS 1 THRU 21
4TH ELECTION DISTR HOWARD CO MD.
SCALE: AS SHOWN
600' SCALE MAP NO. _____ BLOCK NO. _____

ROAD CONSTRUCTION PLAN AND PROFILES
BUSHY PARK ROAD
(PUBLIC ROAD)
STAT 0+00 TO STAT. 24+48.15
SCALE AS SHOWN
SHEET 4 OF 20

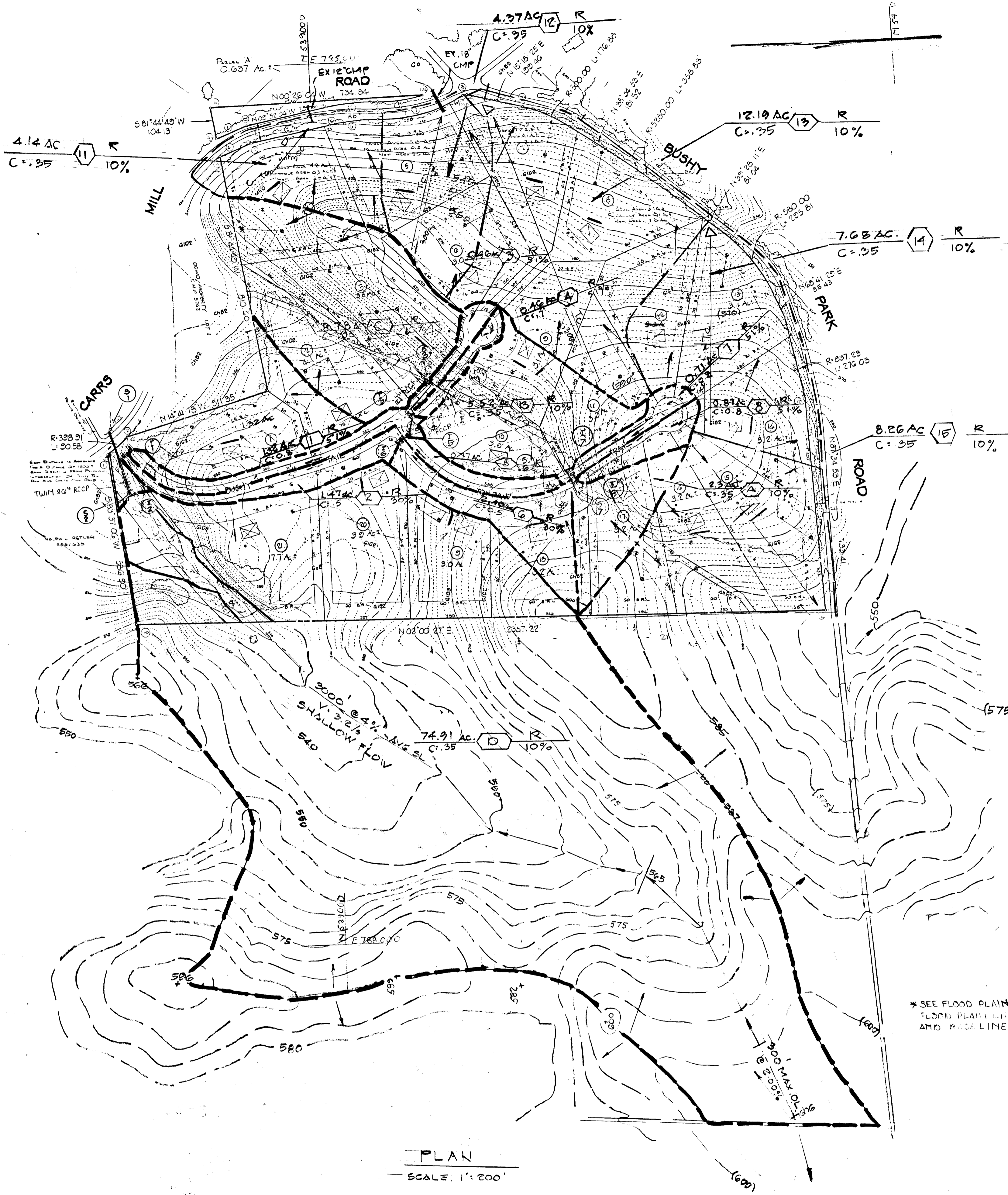
DAVID DeBERNARDO
1321/727



DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>David J. Taylor</i> 10/10/88 CHIEF, BUREAU OF ENGINEERING <i>David J. Taylor</i> 10/26/88 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT	ENGINEERS: JOHN C. MELLEMA SR. INC. GIO BALTO. NATIONAL PIKE BALTIMORE MD 21228 (301) 744-8880	DES. TKS T.S. 1. REVISED TYP. SECTION TO 4' PAVED SHOULDER WITH STD. BIT. CURB 3/26/82 T.S. 2. RELIEVED DITCH LINE FROM PROFILE 9/27/82 P.S.E. 3 AS BUILT REDLINES	FOXPORT PLANTATION LOTS 1 THRU 21 4 TH ELECTION DIST. HO. CO. MD SCALE: AS SHOWN	ROAD CONSTRUCTION PLAN & PROFILES BUSHY PARK ROAD (PUBLIC ROAD) STAT. 0+00 TO STAT. 24+48.15	SCALE AS SHOWN
		DATE BY NO REVISION DATE 600 SCALE MAP NO. BLOCK NO.			SHEET 5 OF 20

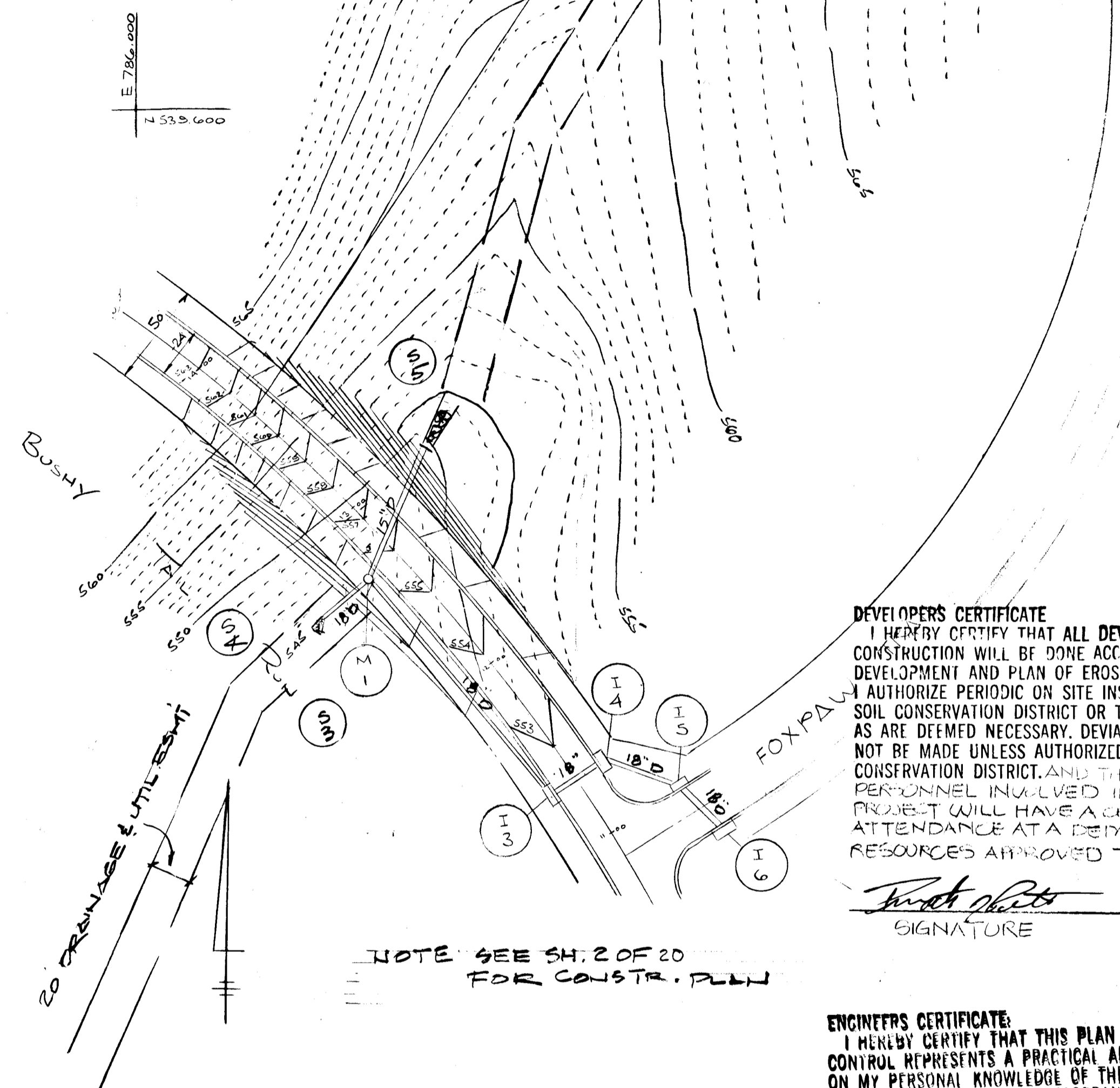
1390

AS-BUILT



PLAN
SCALE: 1"=200'

* SEE FLOOD PLAIN SHEET FOR FLOOD PLAIN LIMITS (SHEET) AND BASELINE.



DEVELOPER'S 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 H.C. SOIL CONSERVATION DISTRICT 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.

Mark White
SIGNATURE
9-2-88
DATE

ENGINEER'S 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 H.C. SOIL CONSERVATION DISTRICT.

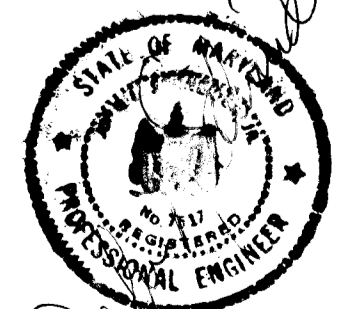
John K. Schneider
SIGNATURE
9-1-88
DATE

REVIEWED FOR H.C. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

James M. Allen
U.S. SOIL CONSERVATION SERVICE
9-23-88
DATE

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

Richard L. Ford
SOIL CONSERVATION DISTRICT
9/2/88
DATE



DRAINAGE AREA MAP
Lots 1 thru 21
FOXPORT PLANTATION
(A RESUBDIVISION OF RIBBOON PROPERTY - LOT 1)
4TH ELECTION DIST. HOWARD CO. MD.
SCALE: 1"=200' SEPTEMBER, 1987
TAX MAP 14 PARCEL 912
SEE SKETCH PLAN S-87-81

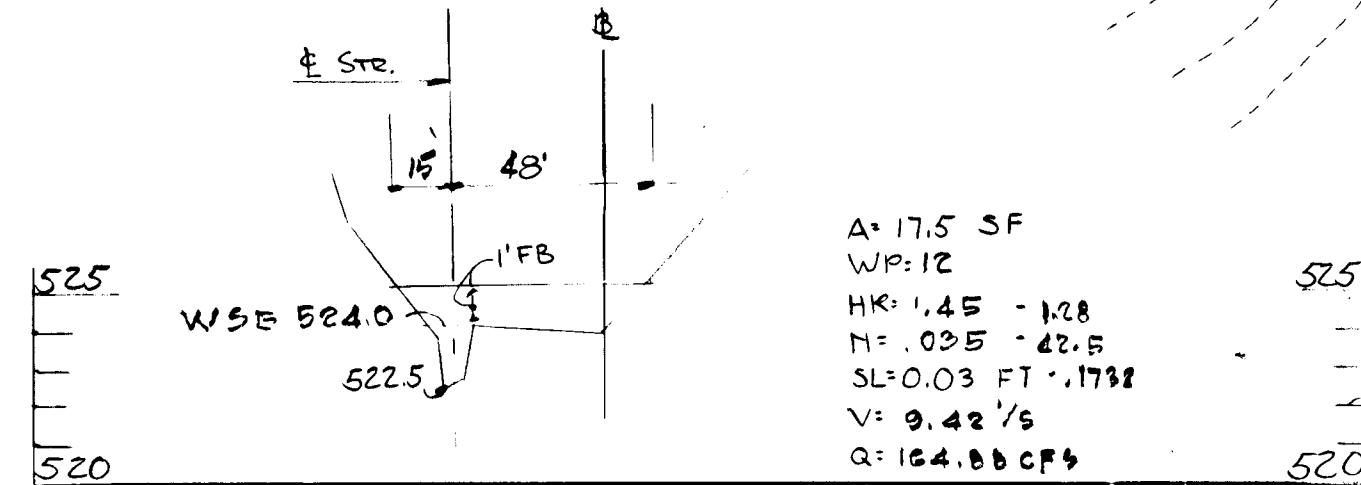
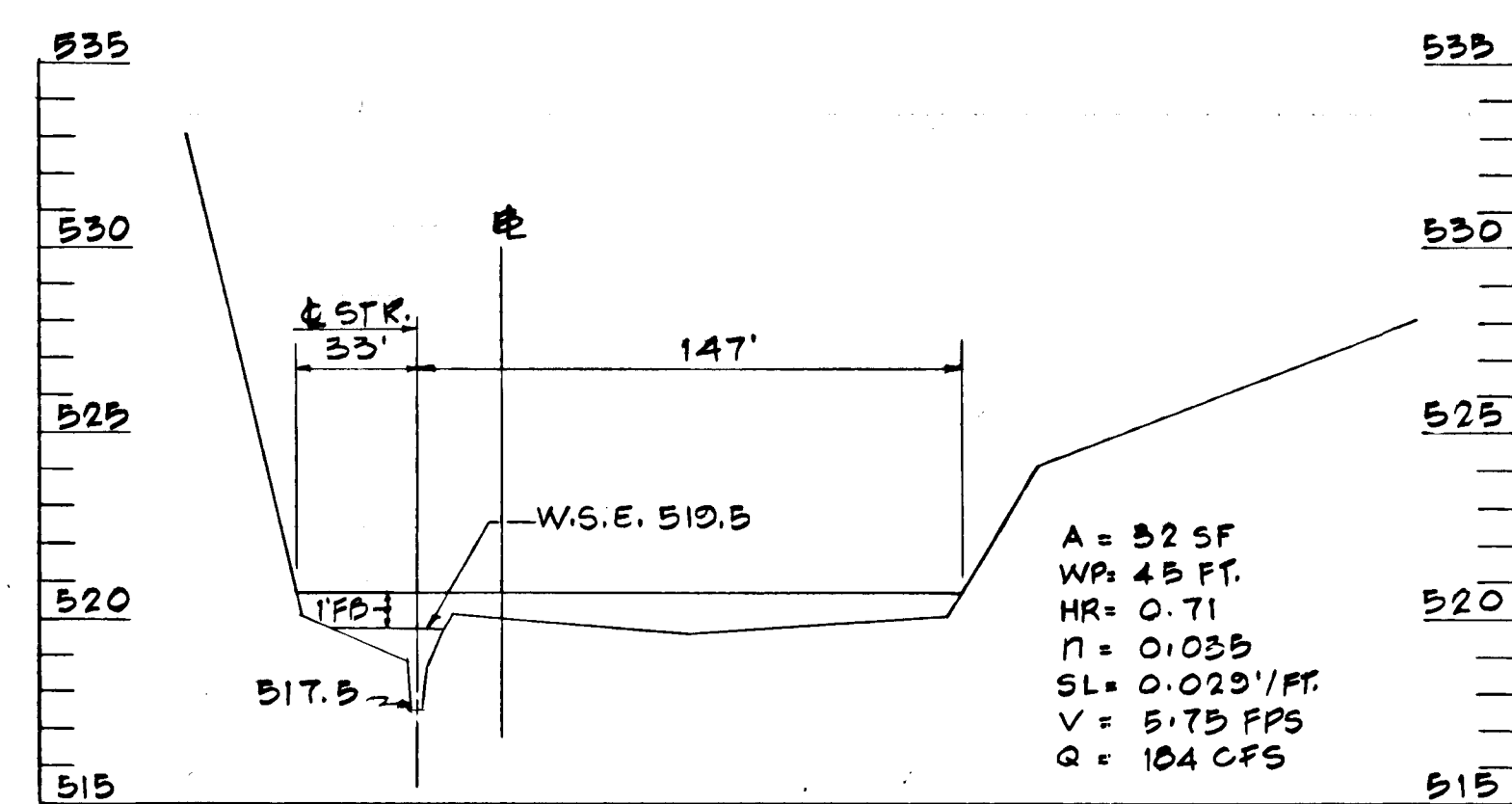
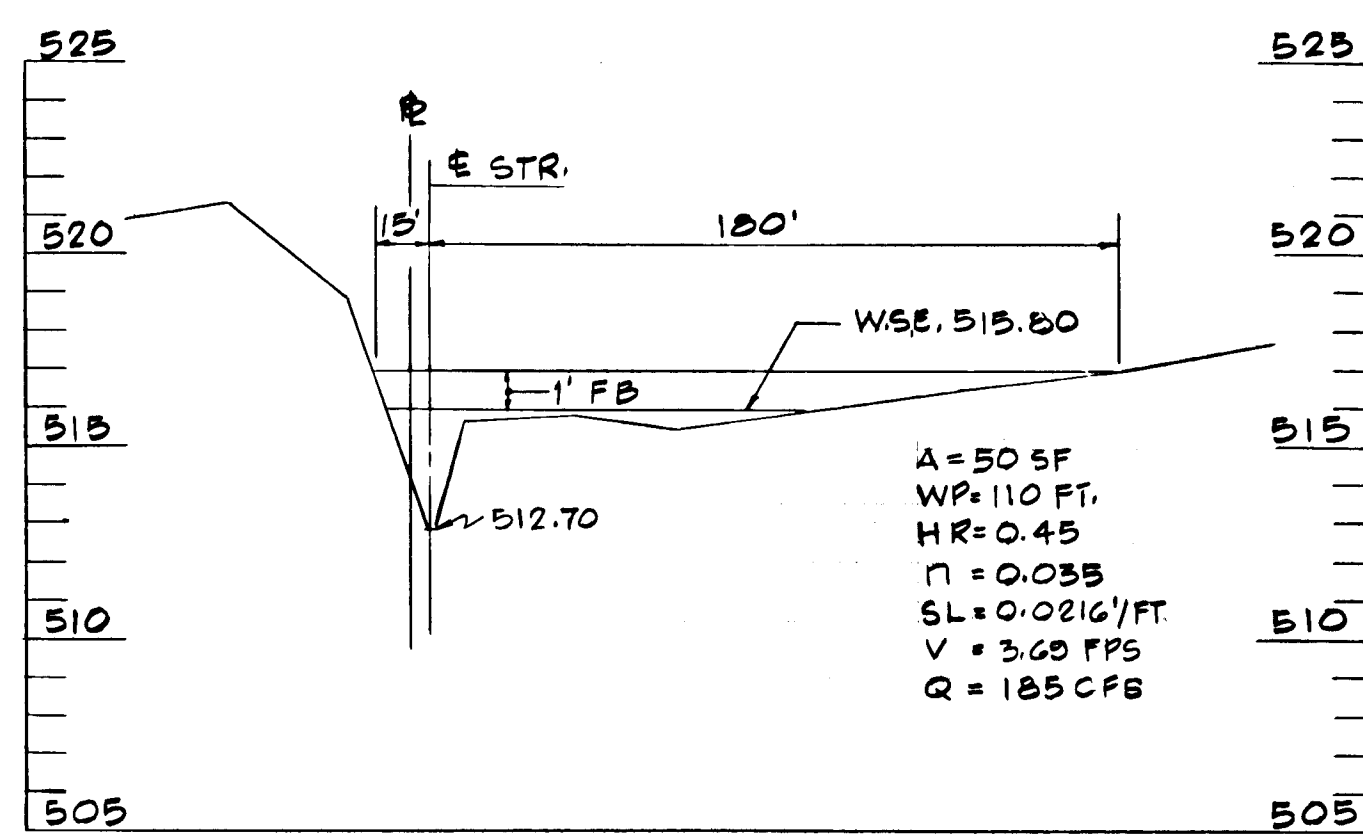
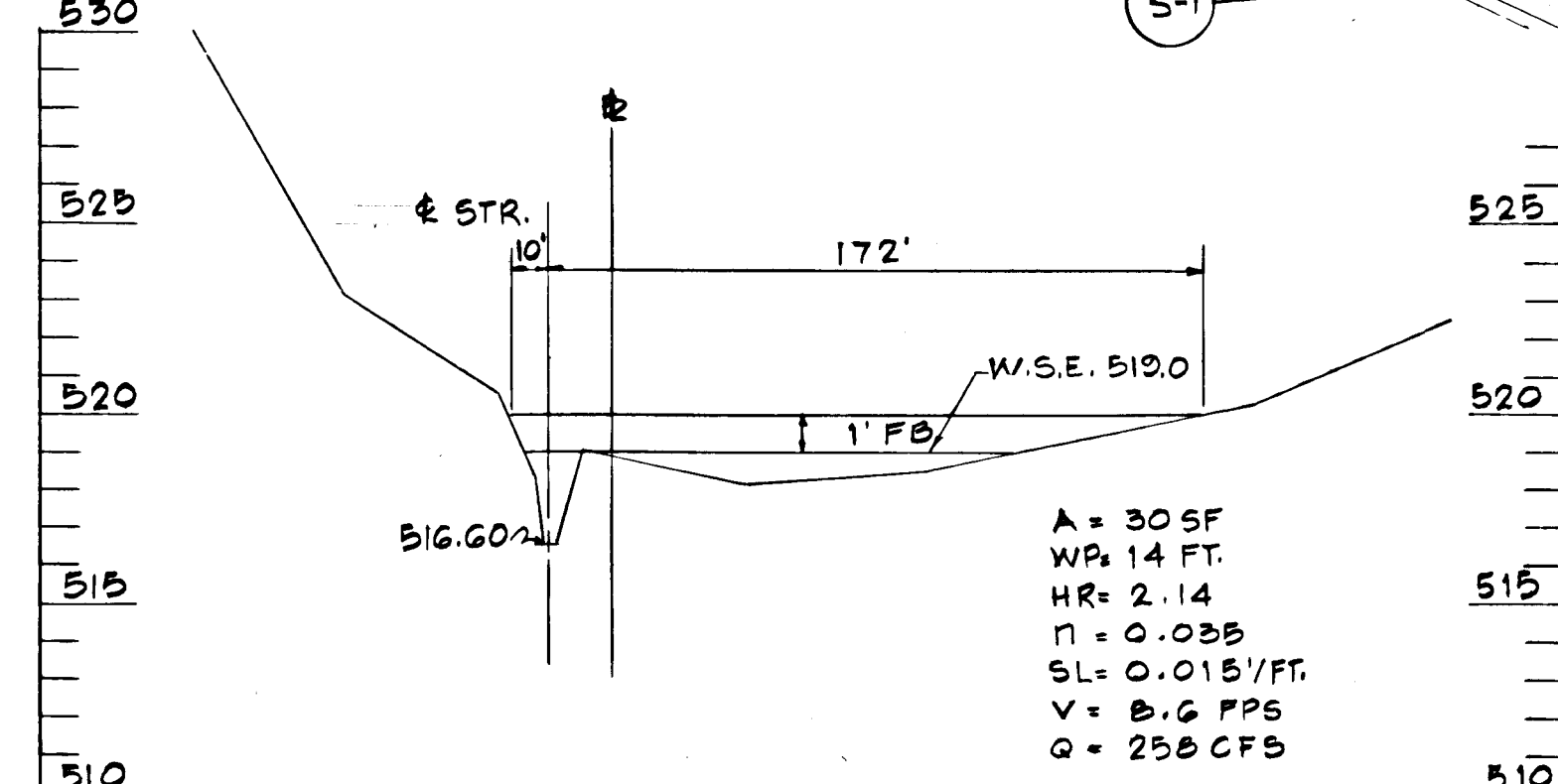
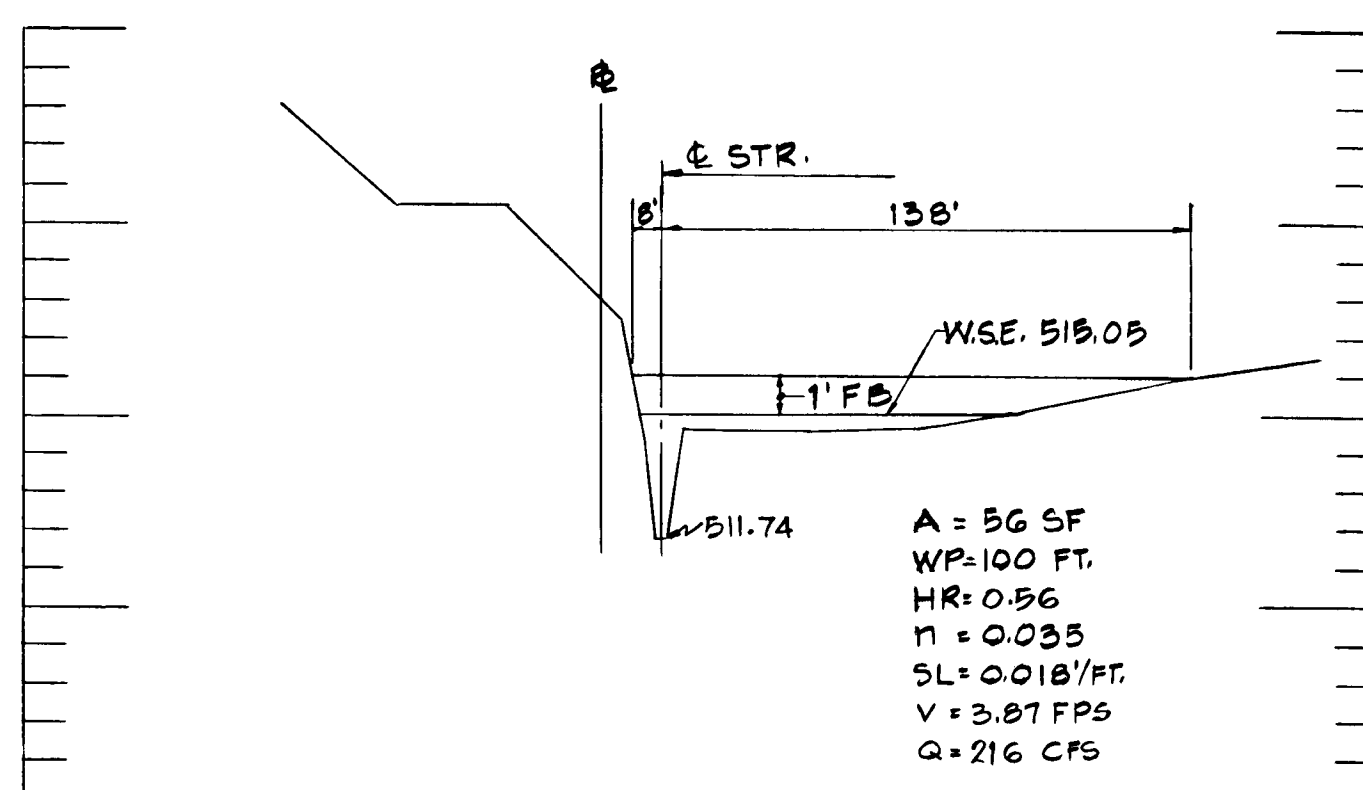
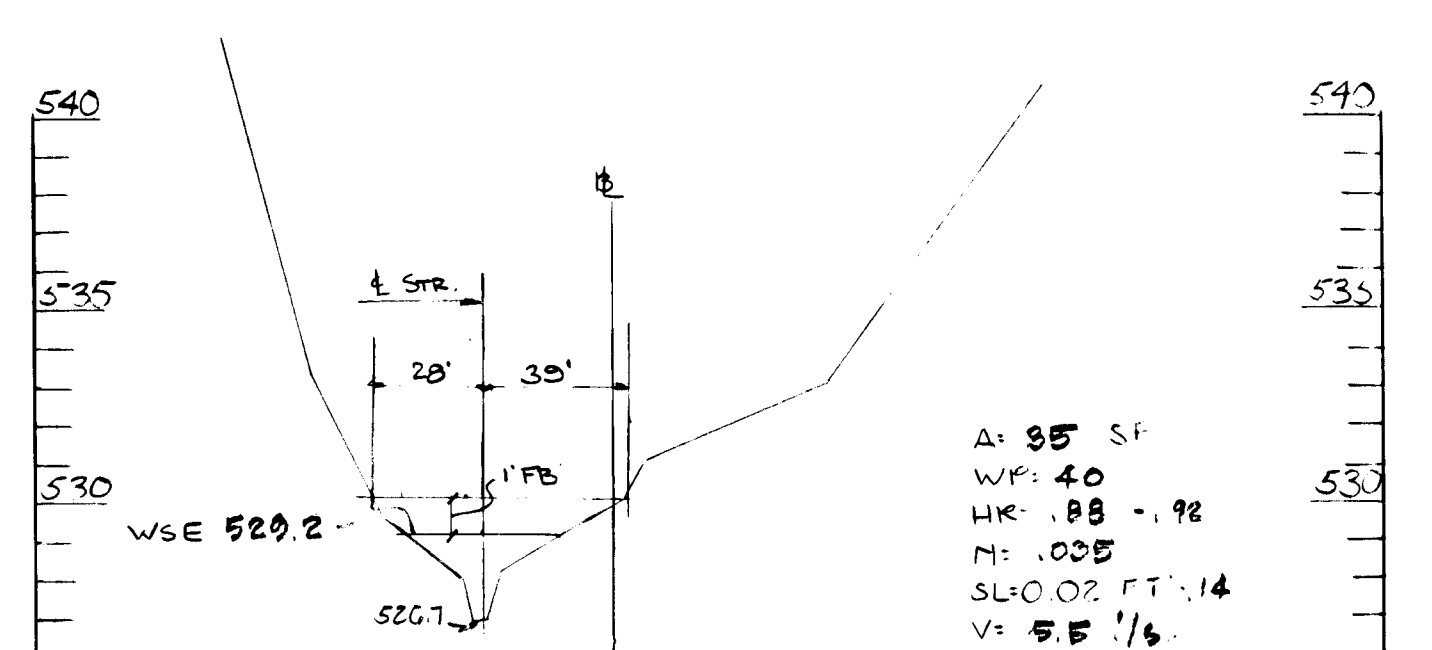
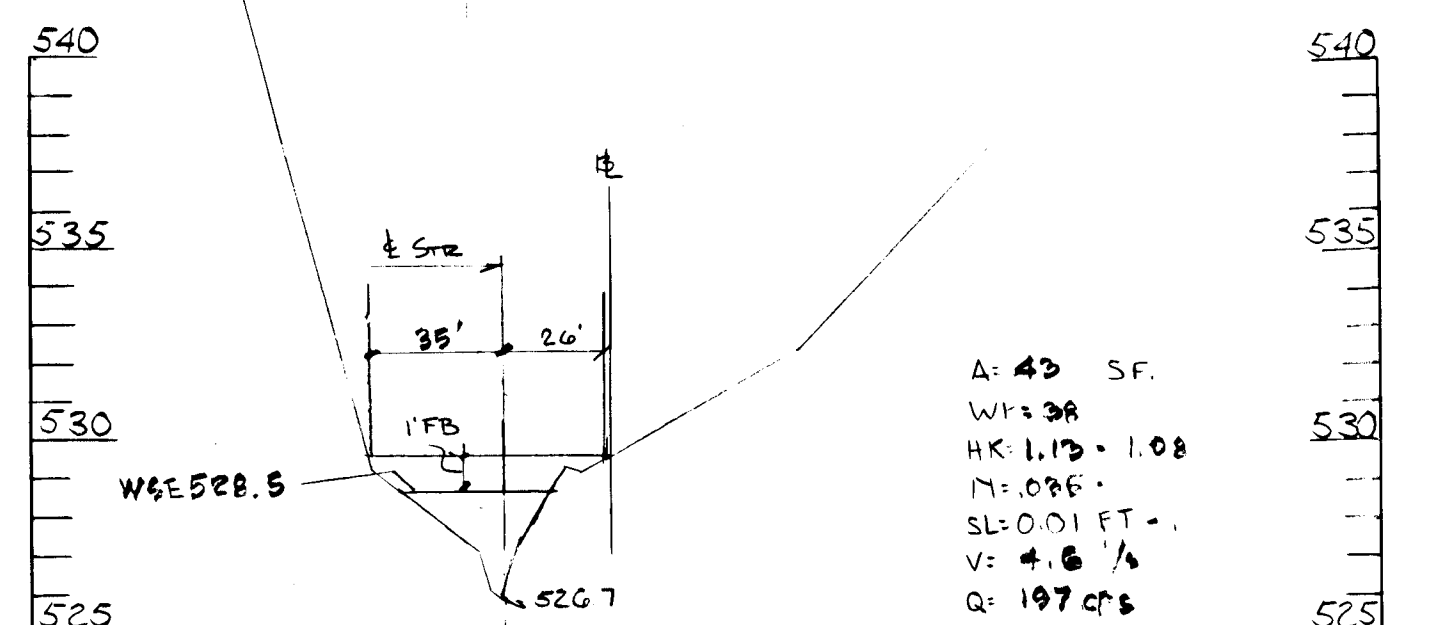
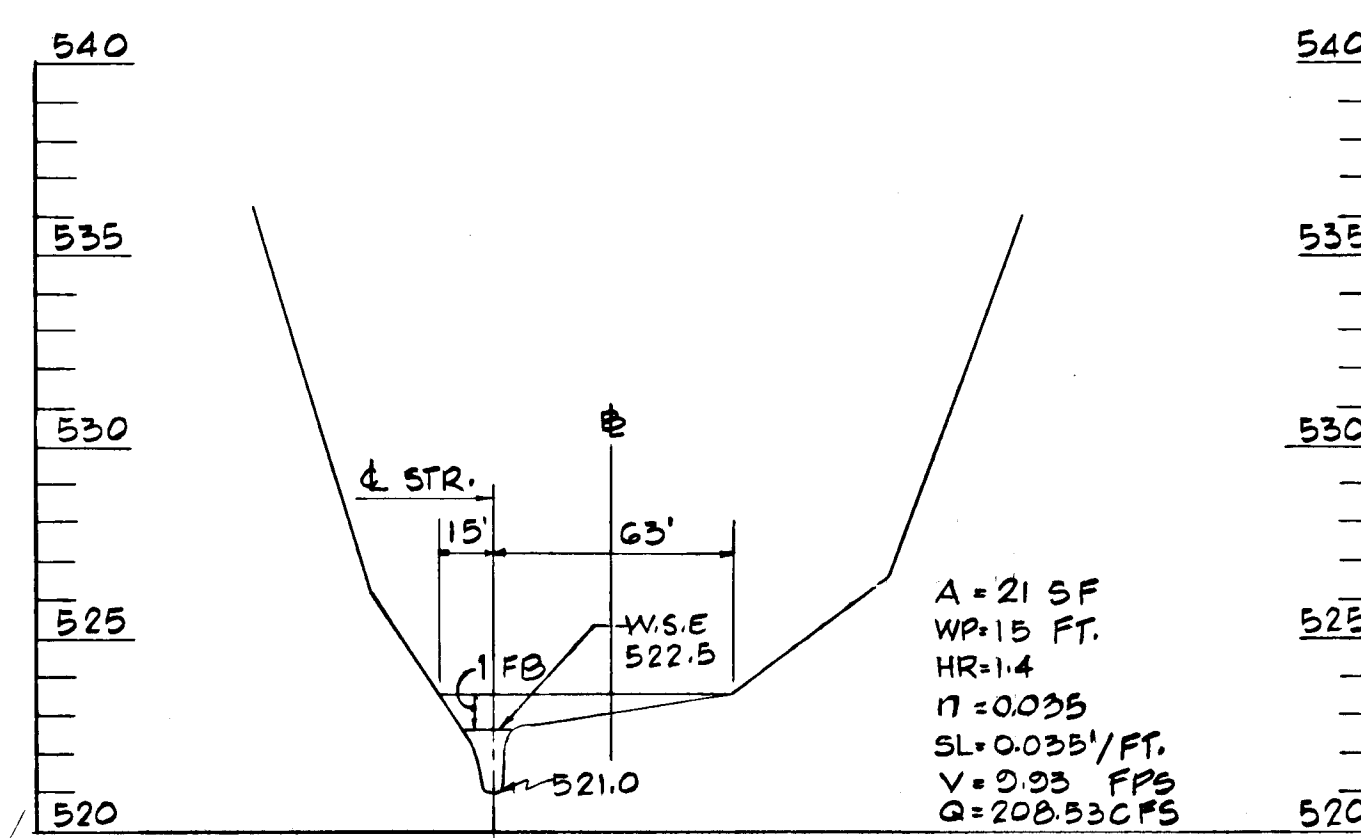
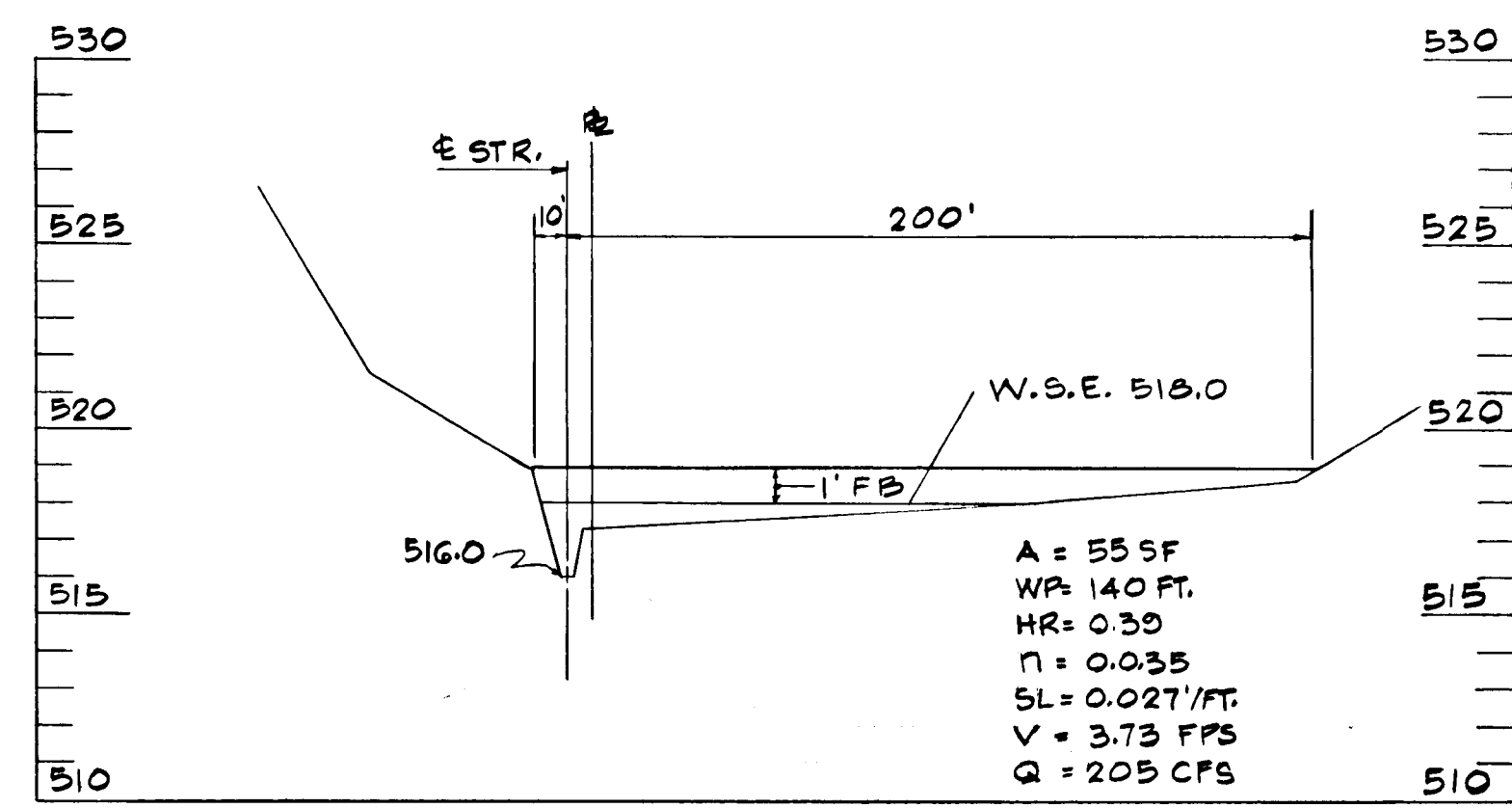
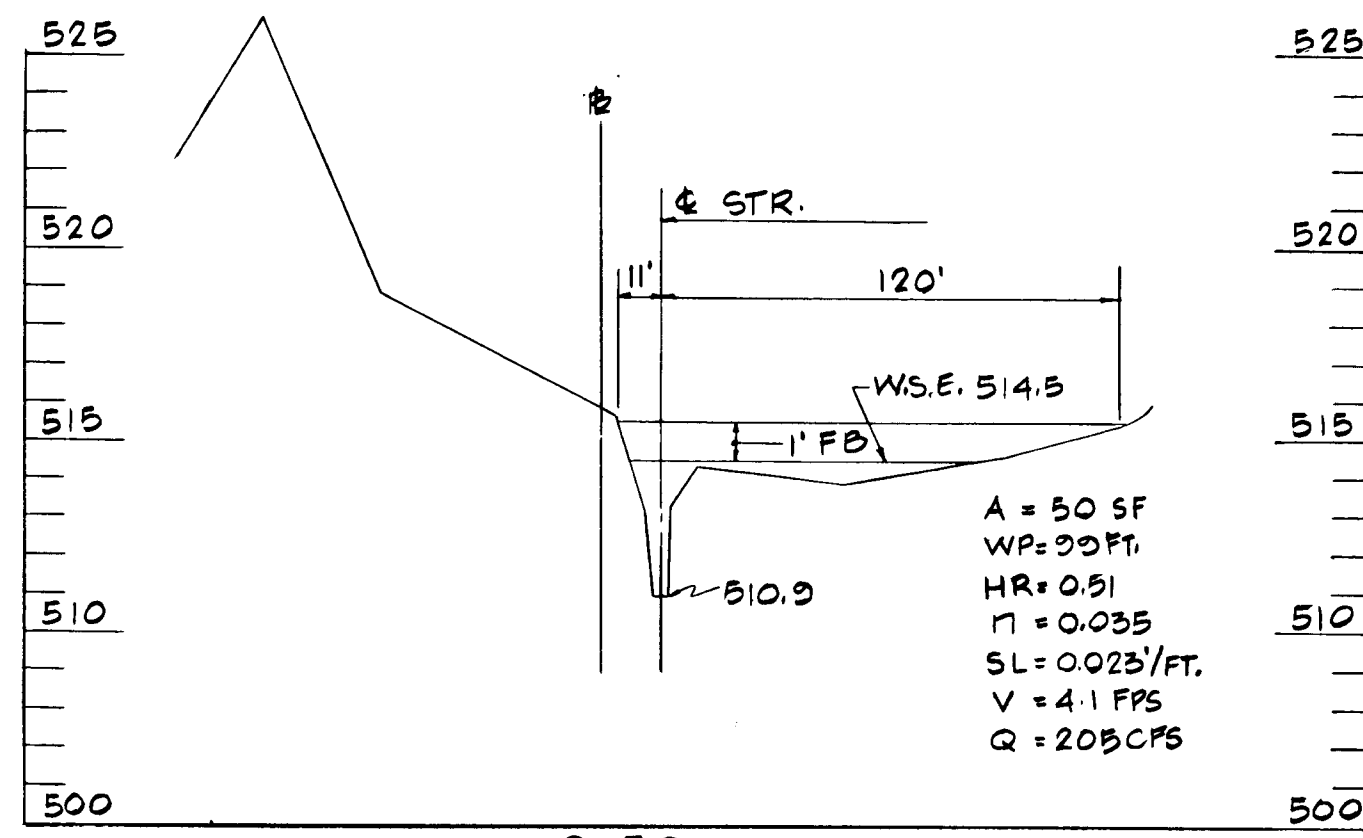
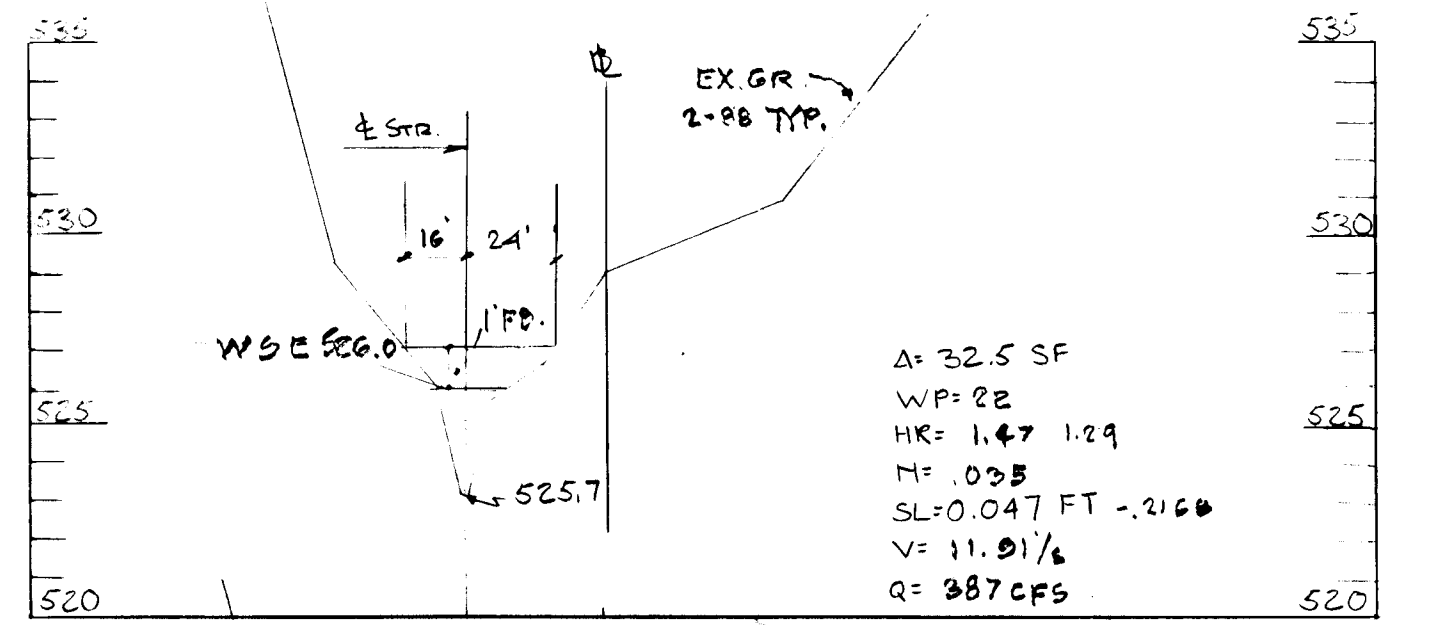
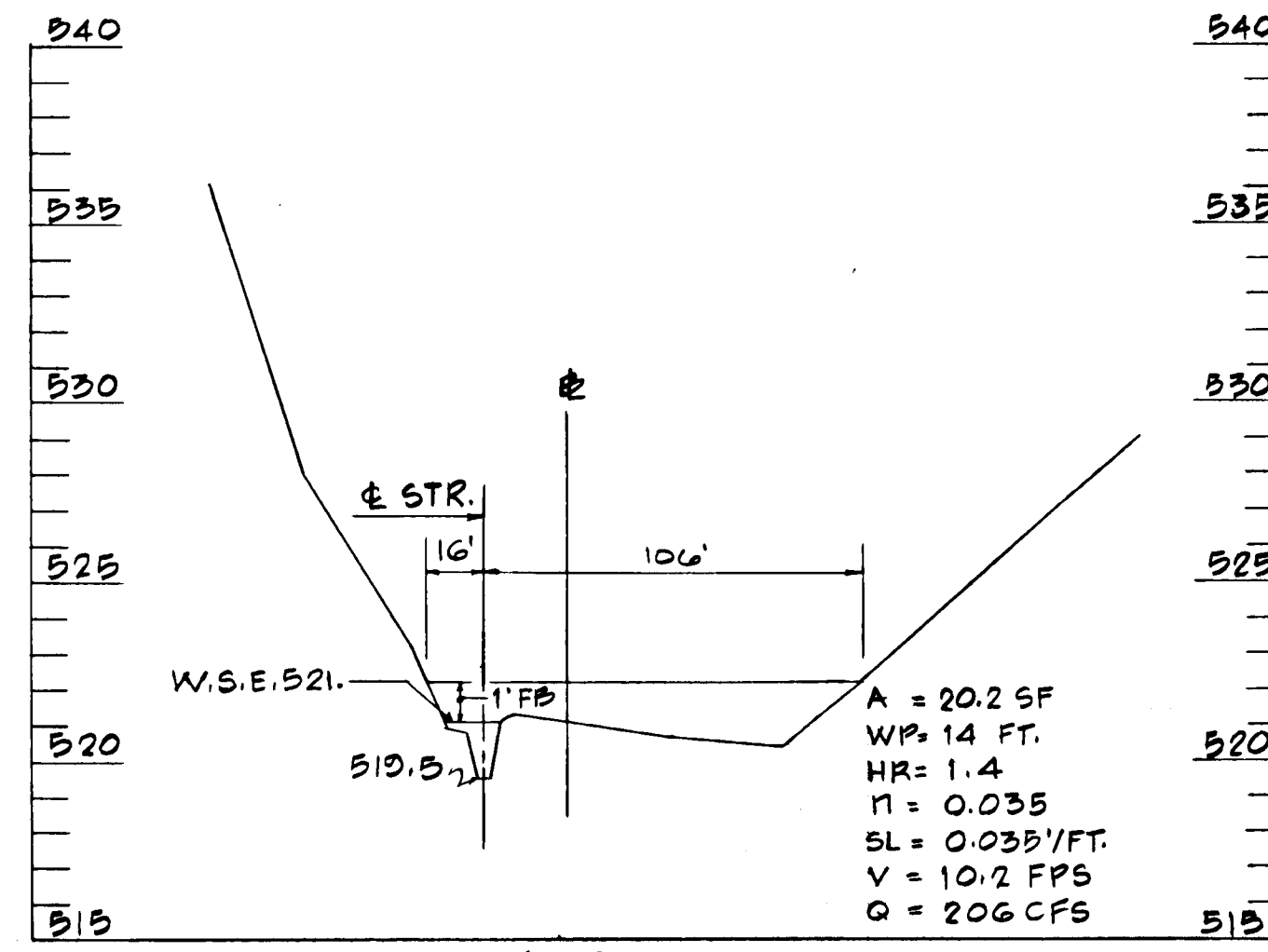
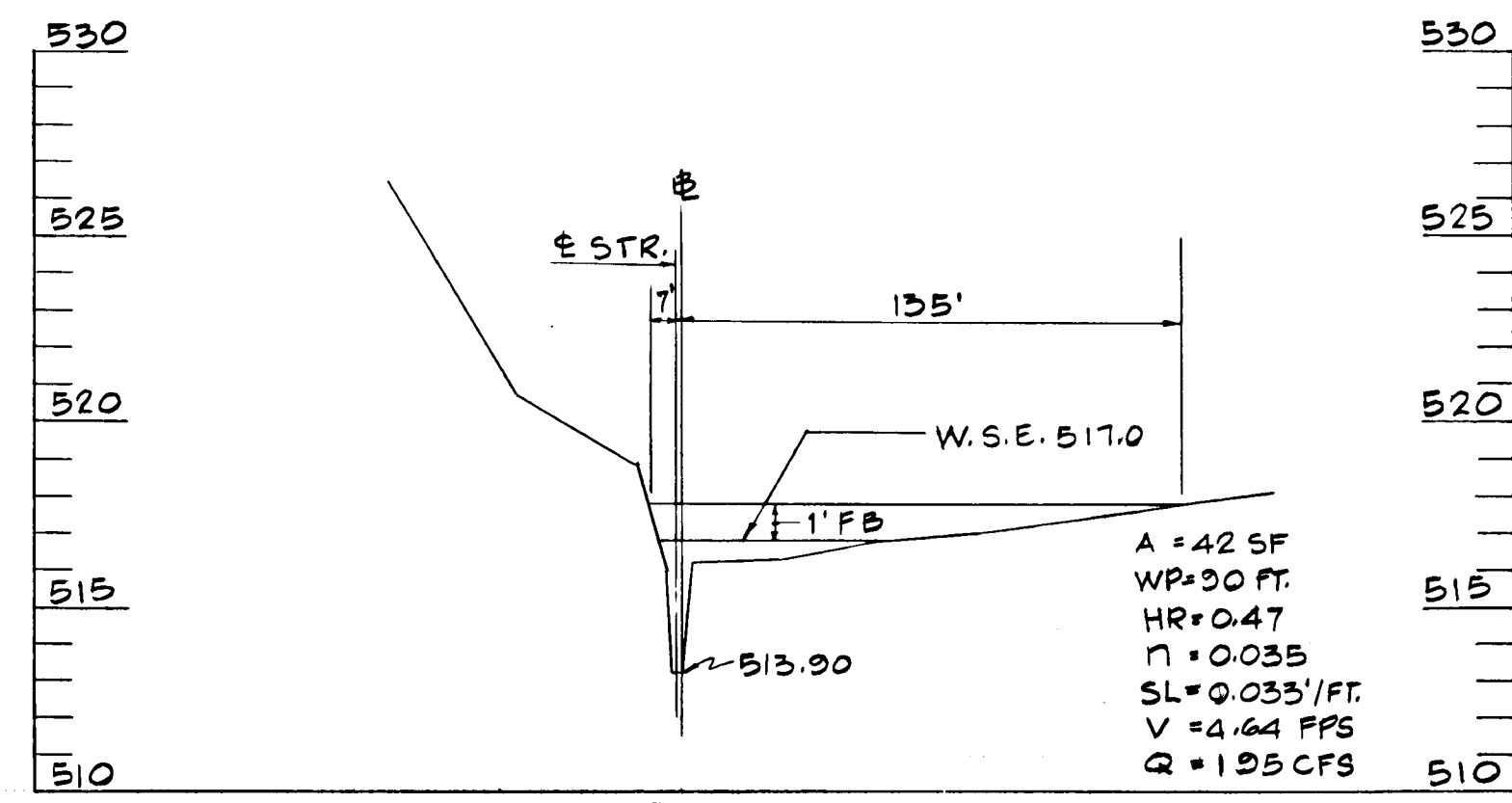
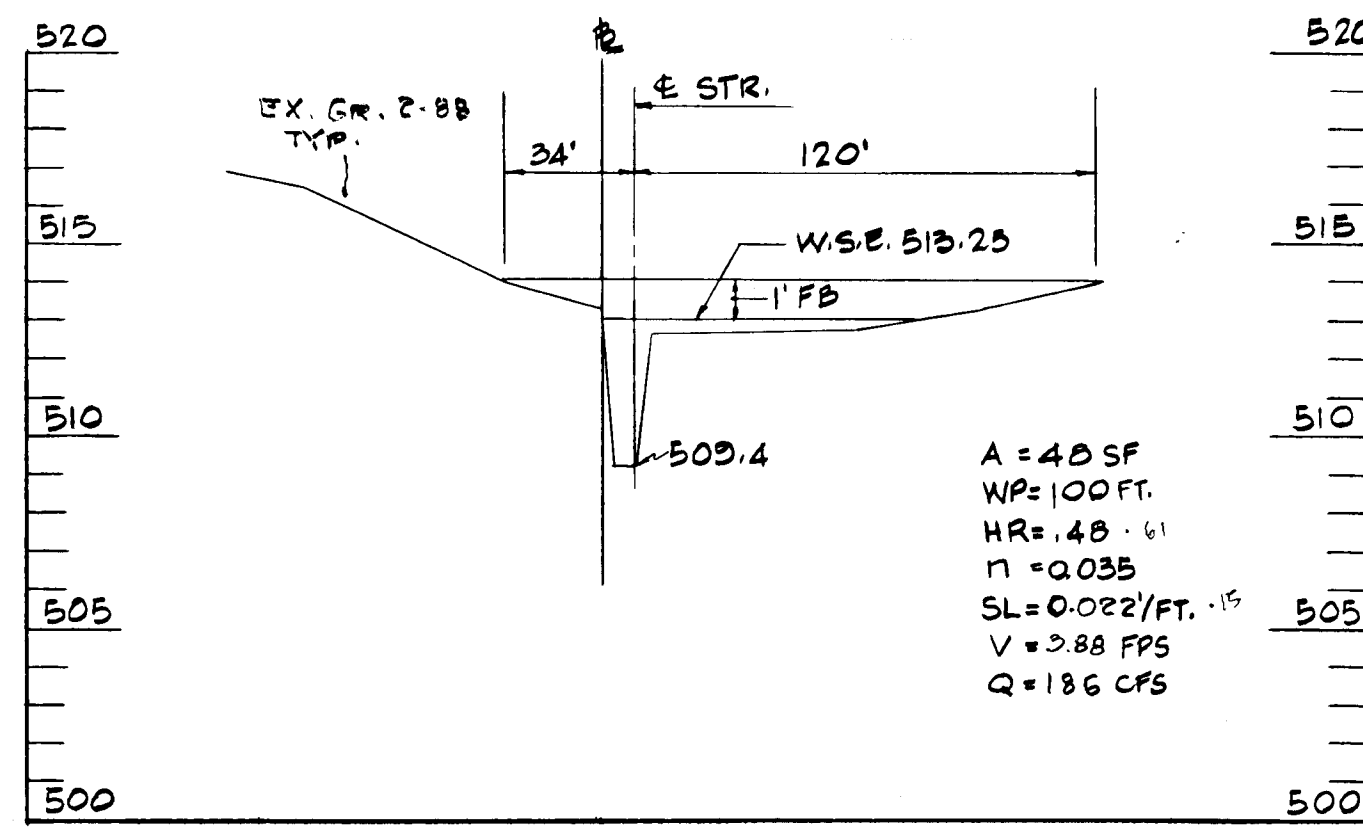
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Paul W. Jayson 10/10/88
CHIEF, PLANNING DIVISION
Traville W. Cleland 10/2/88
CHIEF, PUBLIC WORKS DIVISION
William E. Rose 10/26/88
CHIEF, BUREAU OF ENGINEERING

APPROVED BY HOWARD CO. OFFICE OF PLANNING & ZONING.
Paul J. D'Angeli 11-7-88
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

PREPARED BY:
JOHN C. MELIEMA SR., INC.
LAND SURVEYORS
6100 BALTIMORE NATIONAL PIKE
BALTIMORE, MARYLAND 21228
301-744-8380

1390



APPROVED BY HOWARD CO. OFFICE OF PLANNING & ZONING
Mark S. D'Angelo 11-2-88
 CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

SCALE: HOR. 1"=50'
 VER. 1"=5'

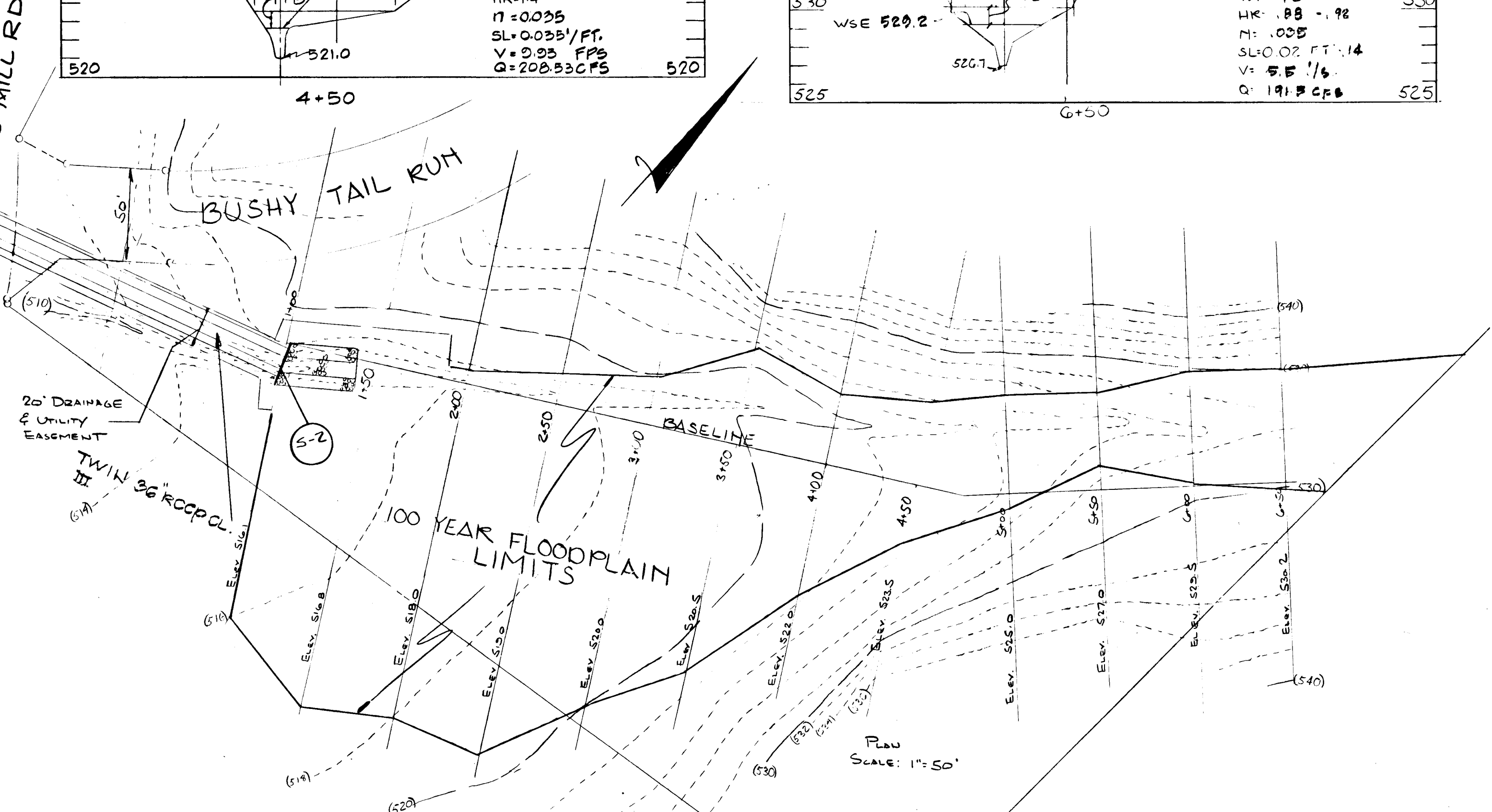


NOTE: SECT. 0+00 TO SECT. 6+50 HAVE BEEN SIZED TO ACCOMMODATE 100YR. DISCHARGE WHICH OCCURS @ STAT 0+00, Q₁₀₀ = 147.20 CFS.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William W. Weiland 10/10/88
 Chief, Land Development Division Date
William W. Weiland 10/25/88
 Chief, Bureau of Highways Date
William W. Weiland 10-26-88
 Chief, Bureau of Engineering Date

SCALE: AS SHOWN
 SHEET 7 OF 20

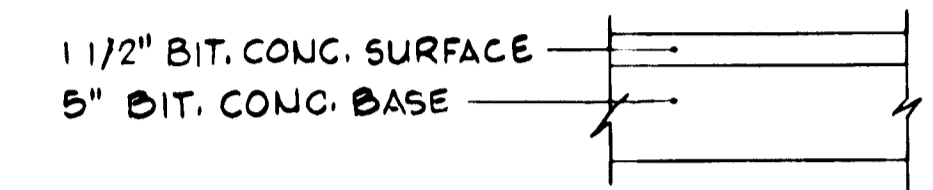
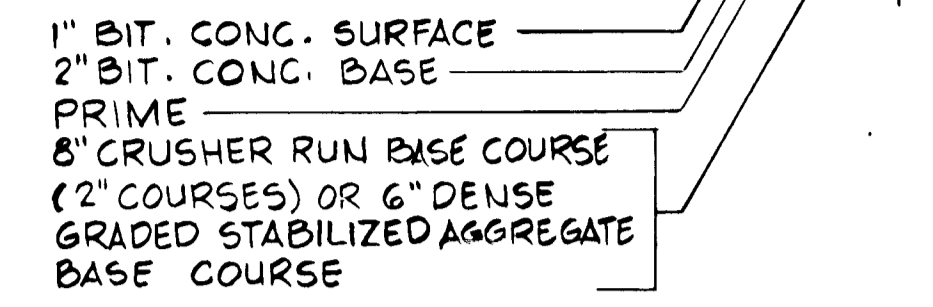
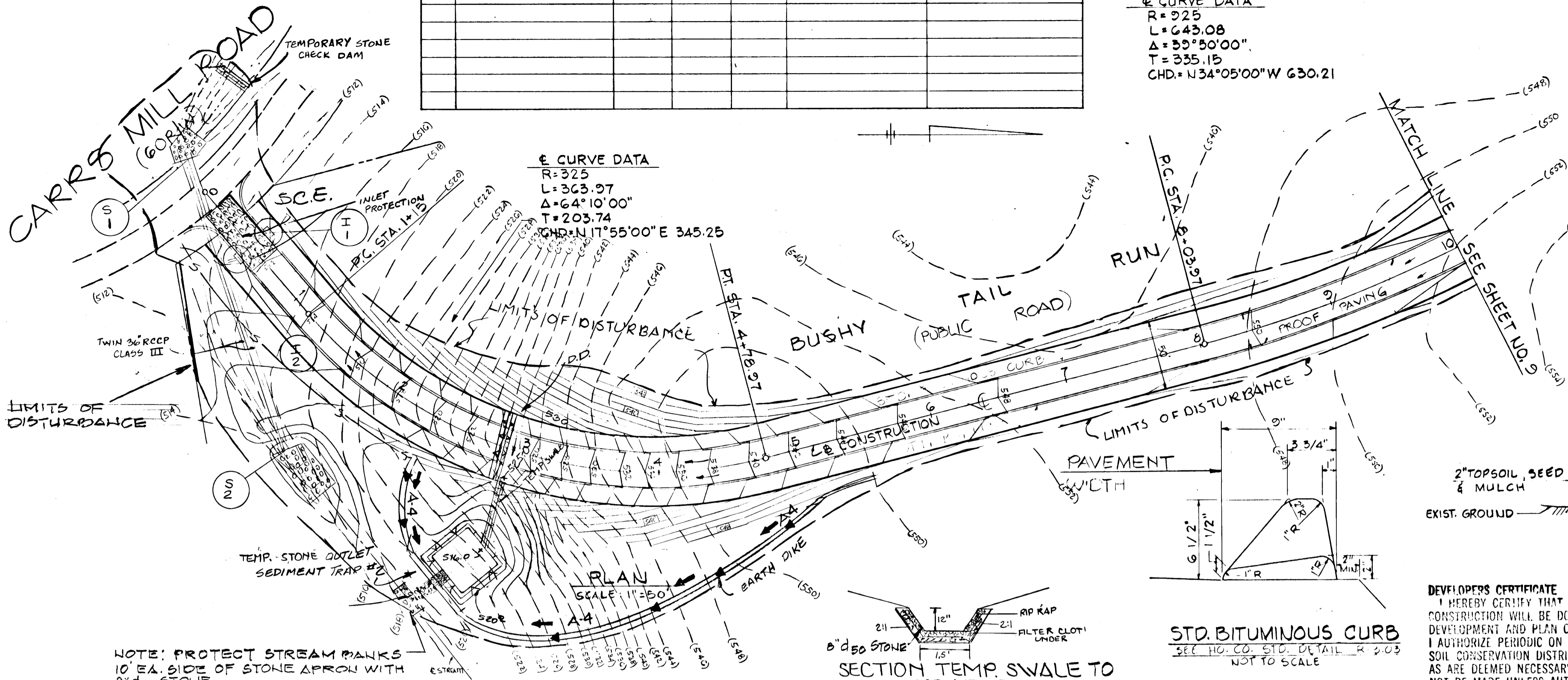
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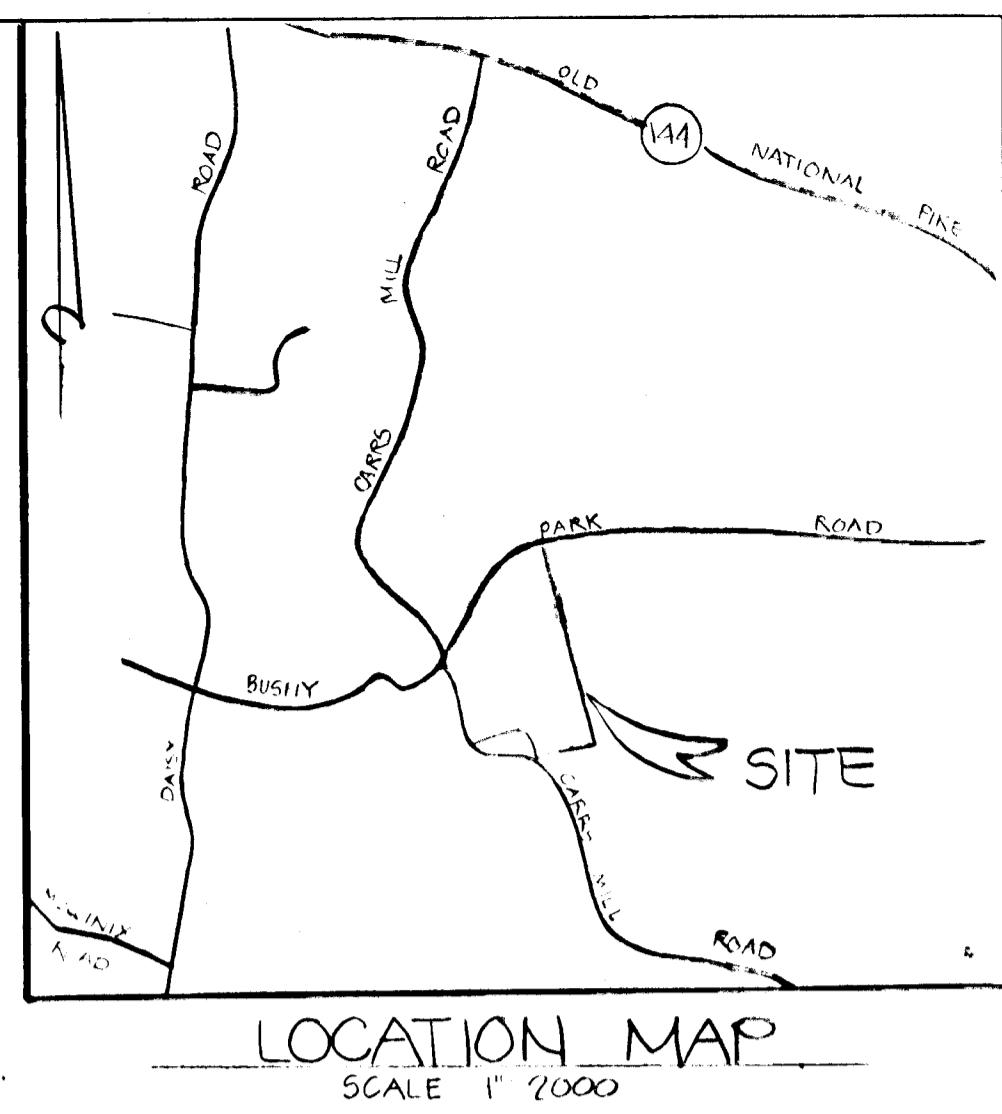
STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARKS

& CURVE DATA
 R=325
 L=643.08
 Δ=50°50'00"
 T=335.15
 CHD=N34°05'00"W 630.21

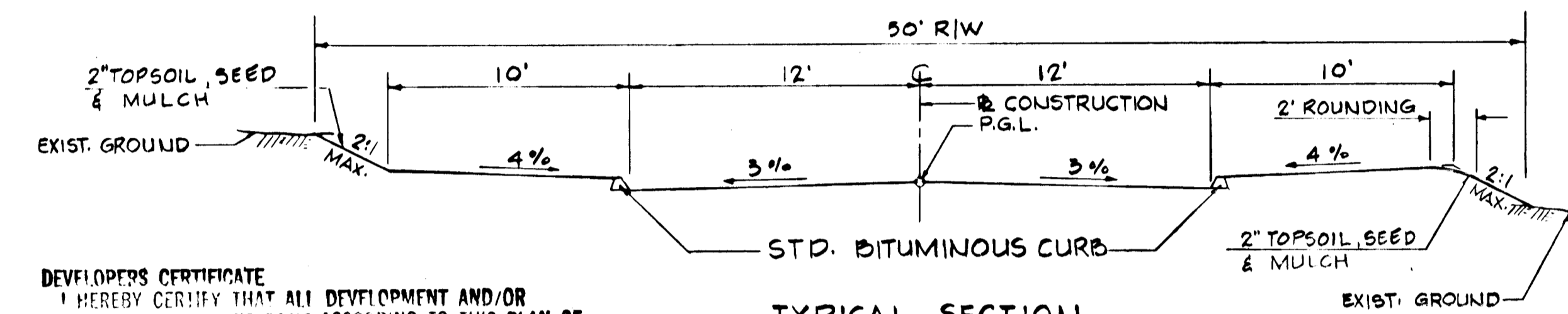
& CURVE DATA
 R=325
 L=323.97
 Δ=64°10'00"
 T=203.74
 CHD=N17°55'00"E 345.25



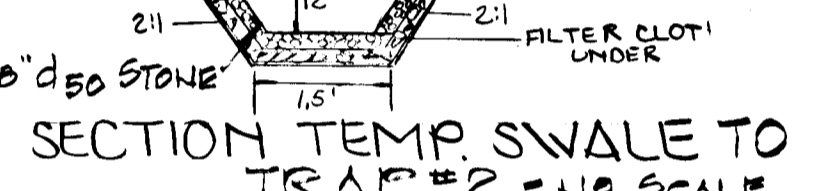
TYPICAL PAVING SECTIONS
 SEE HO. CO. STD. DETAIL R-2.01
 NOT TO SCALE



LOCATION MAP
 SCALE 1"=2000



TYPICAL SECTION
 SEE HO. CO. STD. DETAIL R1.02
 SCALE: 1"=5'

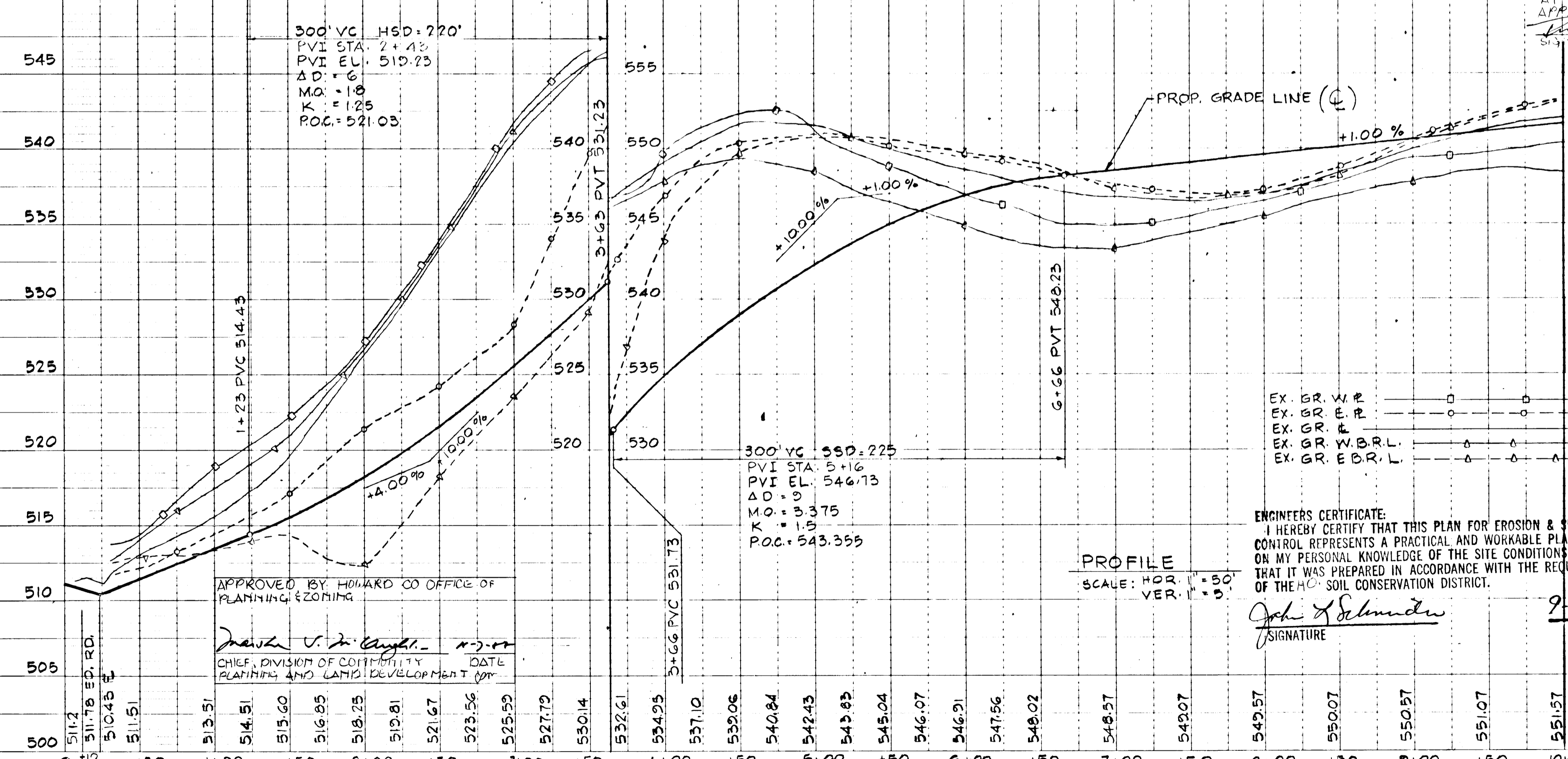


SECTION TEMP SWALE TO TRAP #2 - NO SCALE
 DESIGN SPEED = 30 MPH

STD. BITUMINOUS CURB
 SEE HO. CO. STD. DETAIL R 2.03
 NOT TO SCALE

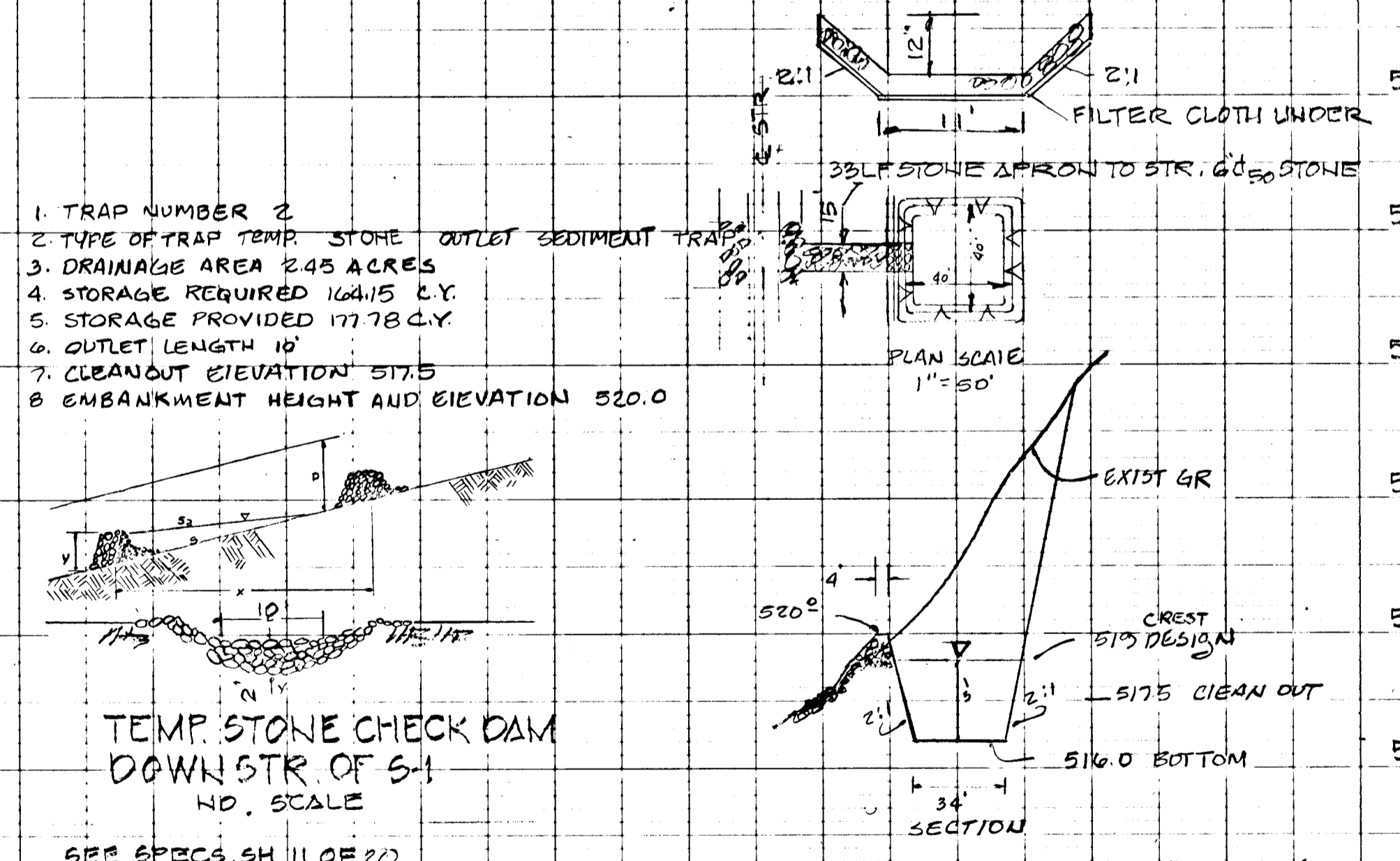
DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN OF EROSION & SEDIMENT CONTROL. I AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HO. SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SOIL CONSERVATION DISTRICT. AND THAT ANY RESPONIBLE PARTY WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM.
John G. Mellem
 DATE: 9-2-88

FOXPORT TRAIL STA. 0+00 TO STA. 14+27.65
BUSHY TAIL RUN STA. 0+00 TO STA. 14+47.05



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

ENGINEER'S 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 HO. SOIL CONSERVATION DISTRICT.
John G. Mellem
 SIGNATURE
 DATE: 9-2-88

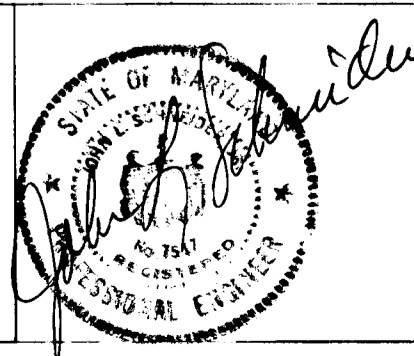


TEMP. STONE CHECK DAM DOWN STR. OF S-1
 NO. SCALE

SEE SPECS SH 11 OF 20
 REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.
James M. Nelson
 HO. SOIL CONSERVATION SERVICE
 DATE: 9-23-88
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HO. SOIL CONSERVATION DISTRICT.
Stephen L. Hines
 HO. SOIL CONSERVATION DISTRICT
 DATE: 9/23/88

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 APPROVED BY HOWARD CO OFFICE OF PLANNING & ZONING
Michael V. ...
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 DATE: 10-26-88

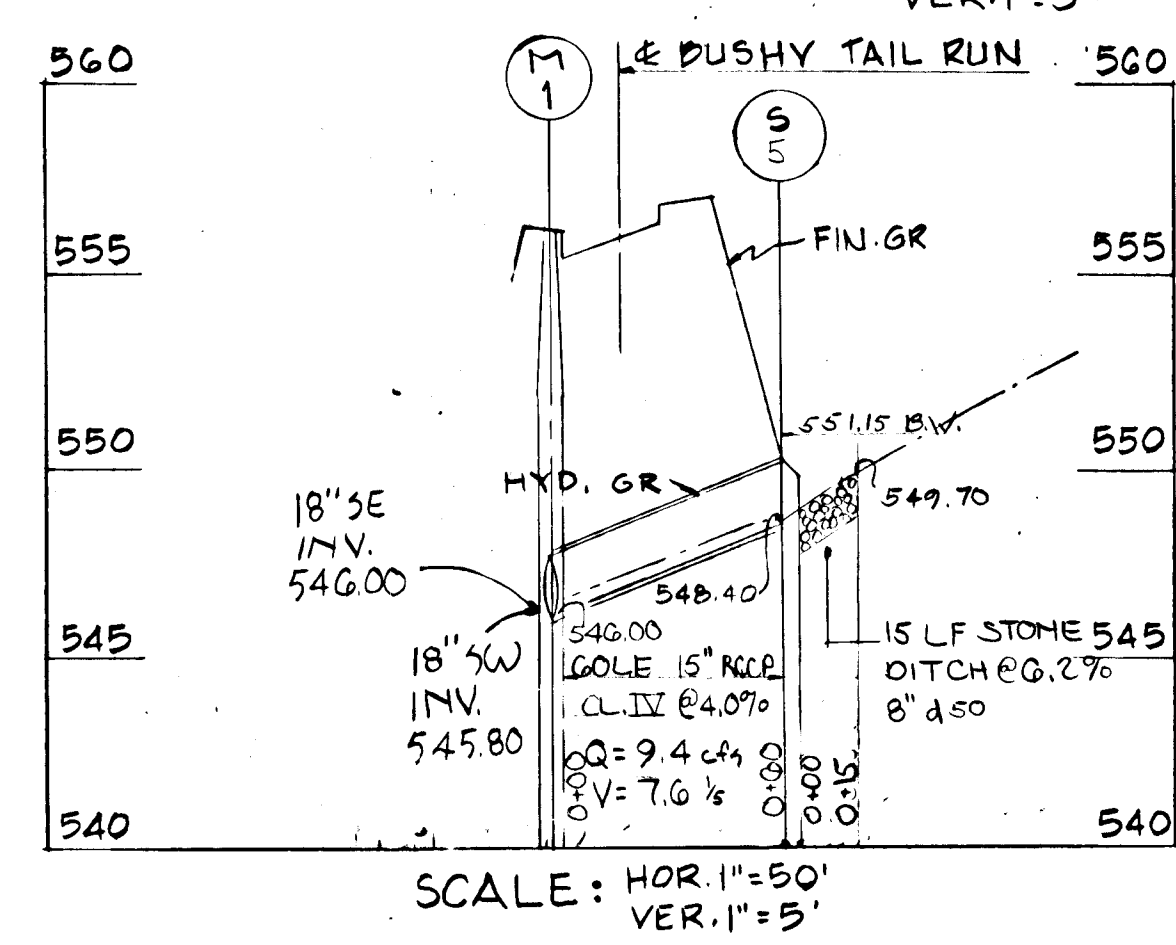
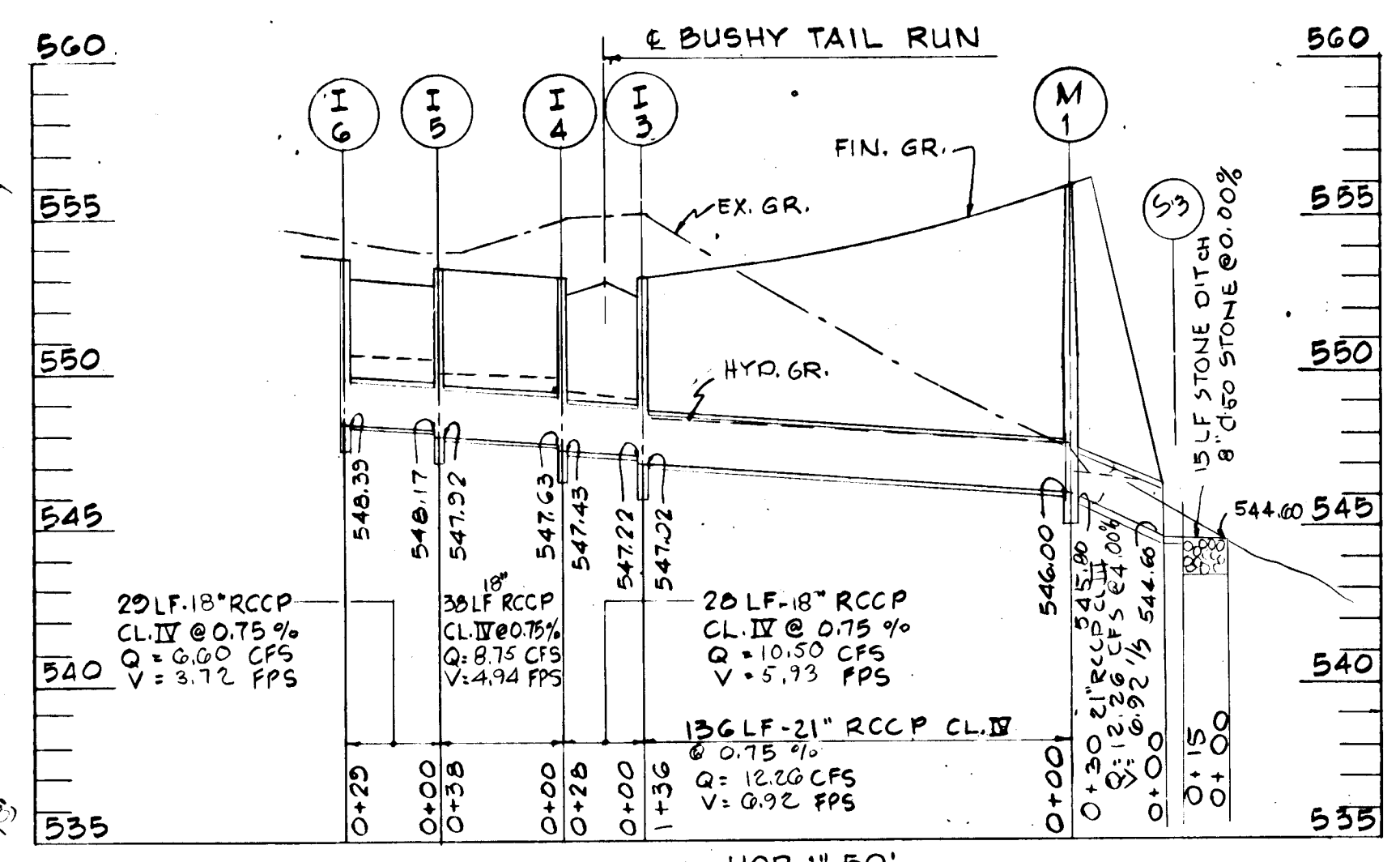
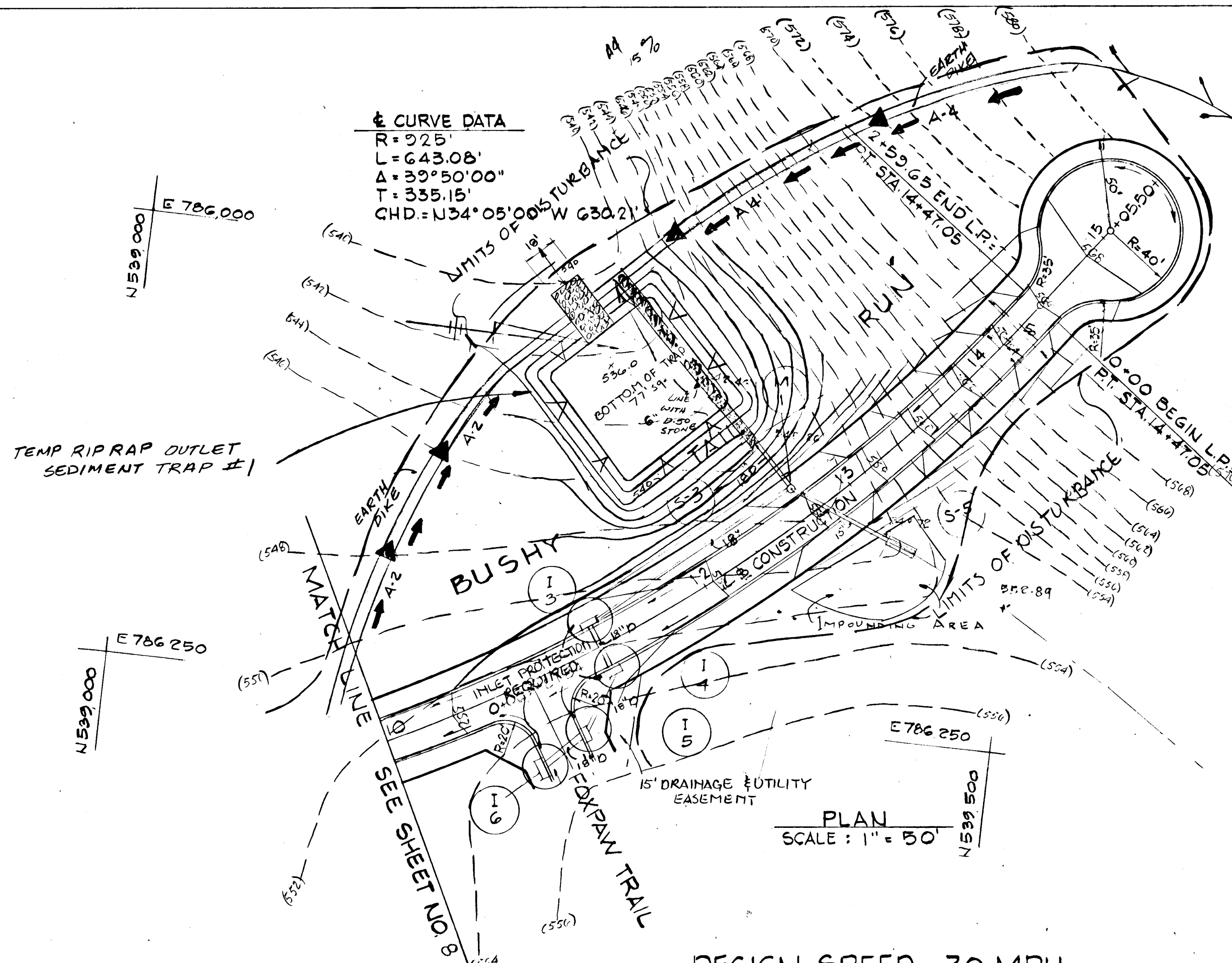
ENGINEERS:
 JOHN G. MELLEM, L.S.
 3000 PALMISTONE NAT. PIKE
 PALMISTONE MD 21080
 (301) 744-8880



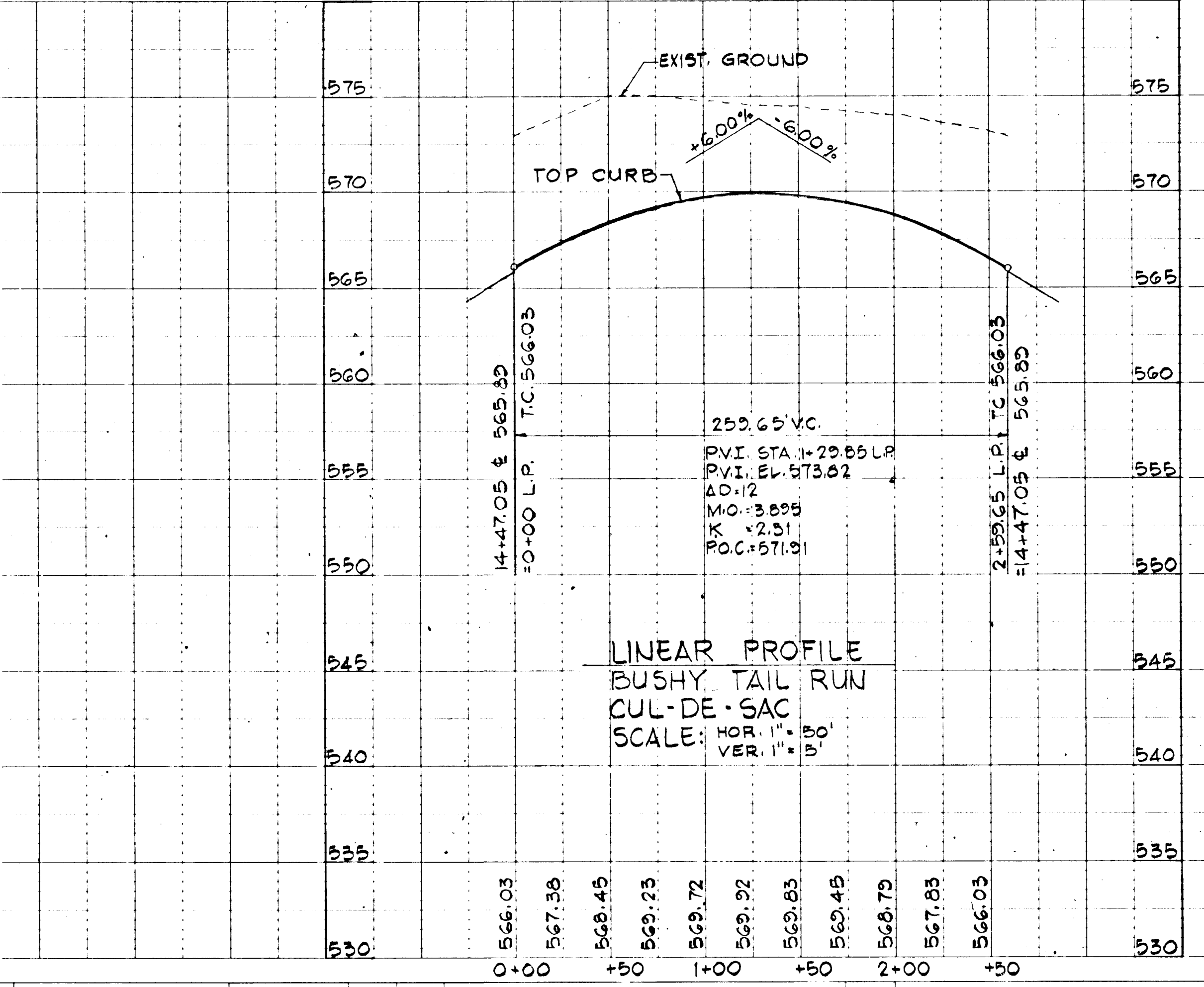
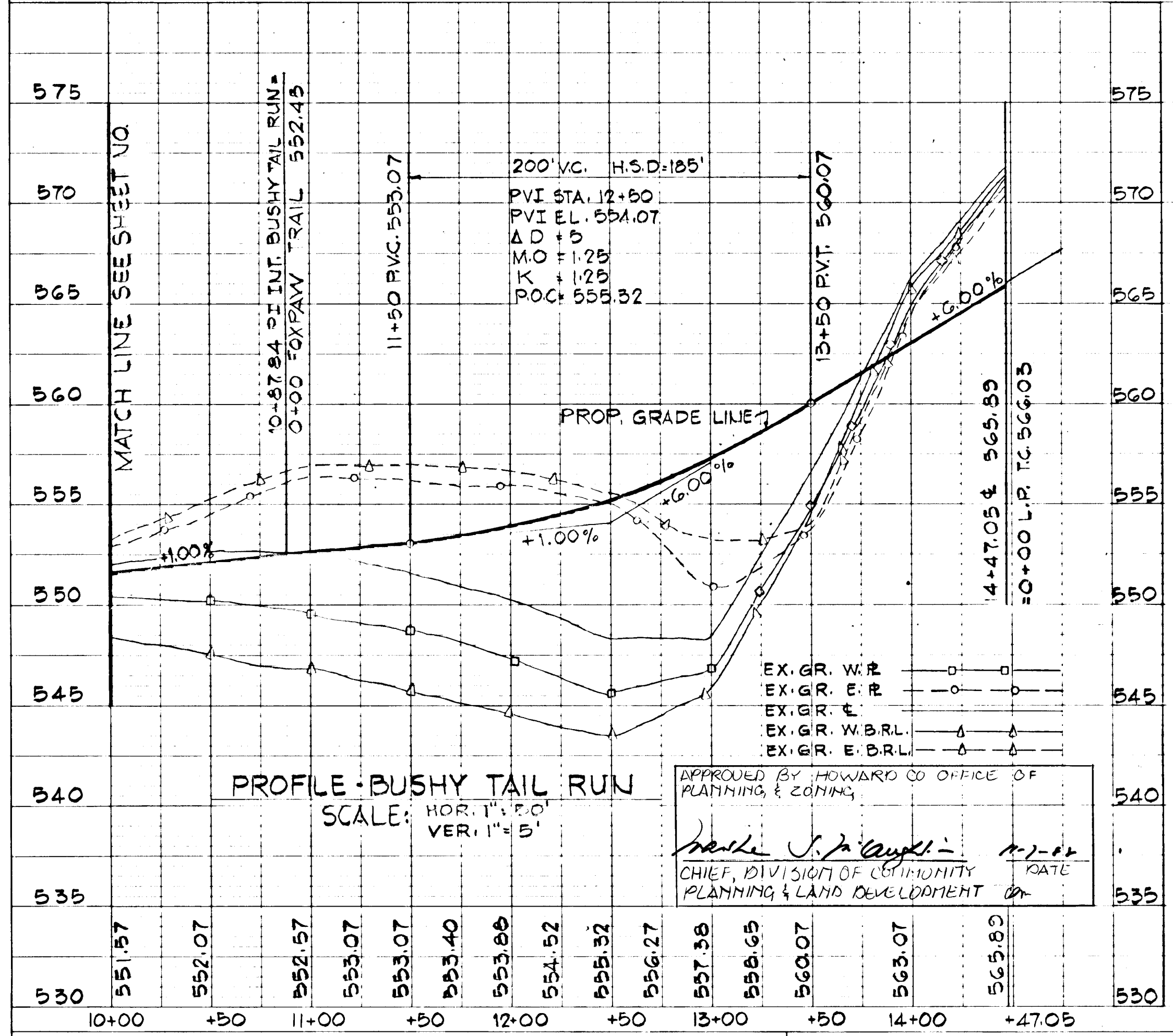
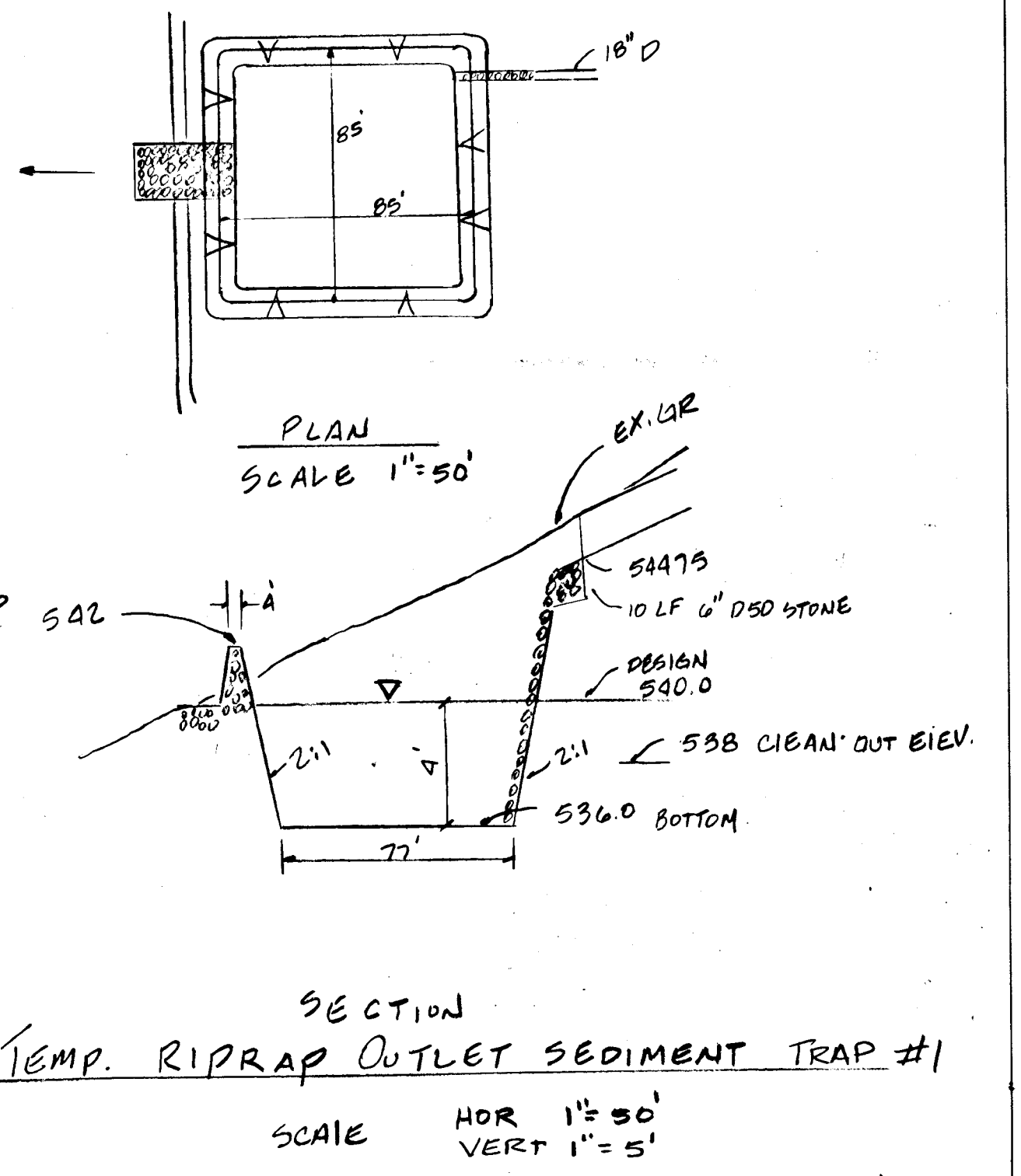
DES. TKS	DRN. P.E.	CHK. T.K.S. U.S.	DATE	BY	NO.	REVISION	DATE	600 SCALE MAP NO.	BLOCK NO.

FOXPORT PLANNING
 LOTS 1 THRU 21
 4" INCHION DISTR HOWARD CO. MD.
 SCALE: AS SHOWN JANUARY 15, 1988

SEDIMENT CONTROL PLAN
BUSHY TAIL RUN
(PUBLIC ROAD)
 STAT 0+00 TO STAT. 14+47.05
 SCALE AS SHOWN
 SHEET 8 OF 20



1. TRAP NUMBER 1
2. TYPE OF TRAP TEMP RIPRAP OUTLET SEDIMENT TRAP
3. DRAINAGE AREA 14.9 ACRES
4. STORAGE REQUIRED 998.3 C.Y.
5. STORAGE PROVIDED 1070.4 C.Y.
6. OUTLET LENGTH 18'
7. CLEANOUT ELEVATION 538.0
8. BMBANKMENT HEIGHT AND ELEVATION 542.0



DEVELOPER'S 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 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.

Signature
 SIGNATURE
 9-2-88
 DATE

ENGINEER'S 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 MD SOIL CONSERVATION DISTRICT.

Signature
 SIGNATURE
 9-1-88
 DATE

REVIEWED FOR MD SOIL CONSERVATION DISTRICTS & METTS TECHNICAL REQUIREMENTS.

Signature
 SIGNATURE
 9-23-88
 DATE

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

Signature
 SIGNATURE
 9/23/88
 DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Signature
 DATE 10/10/88

Signature
 DATE 10/26/88

ENGINEERS
 JOHN C MELLEMA SR INC
 6100 BALTIMORE NAUT PIKE
 BALTIMORE MD 21228
 (301) 741 8920

Signature

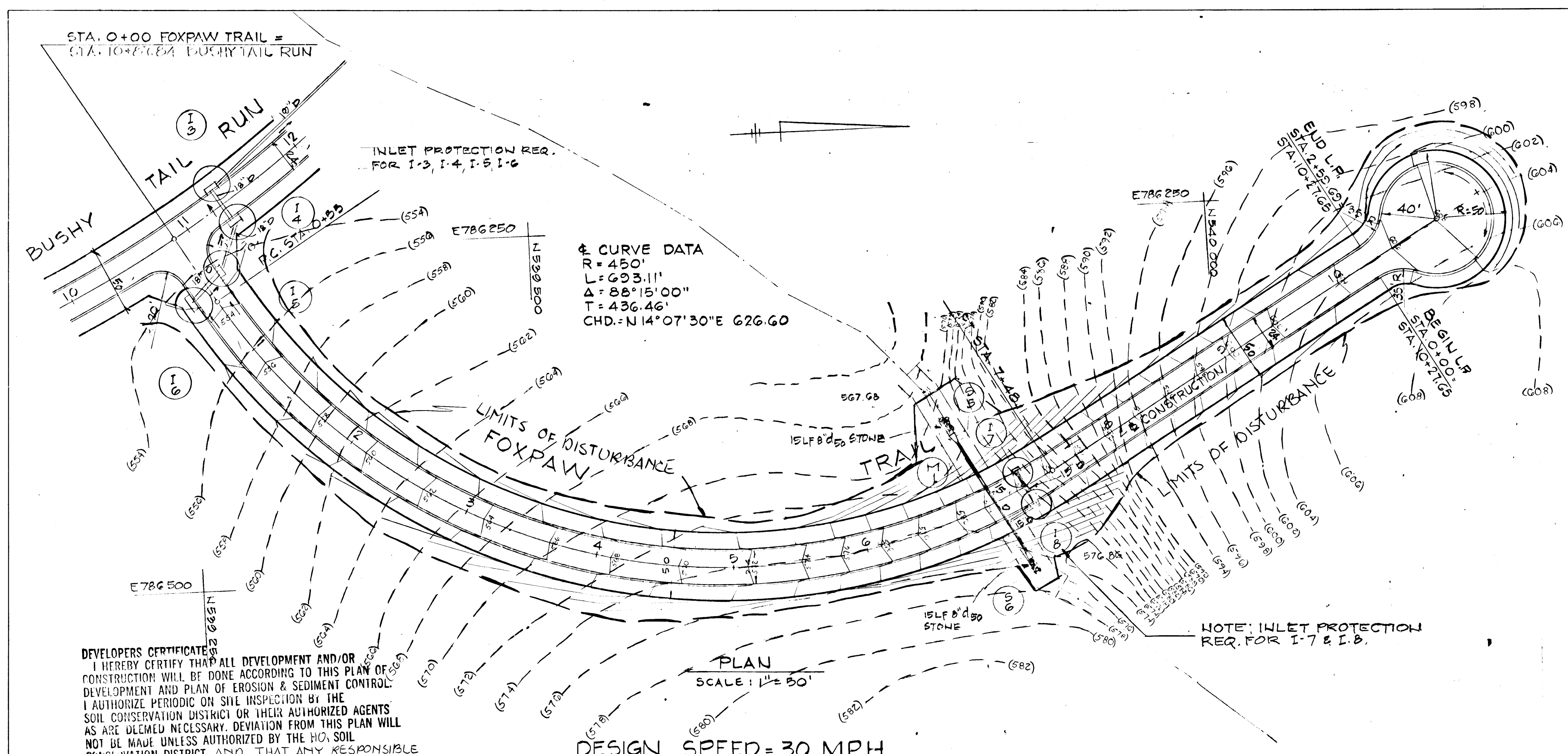
DES TKS
 DRN PE
 CHK JES
 DATE 11/5/88

FOXPORT PLANTATION
 LOTS 1 THRU 21
 4" ELECTION DIST. HOWARD CO MD
 SCALE AS SHOWN JANUARY 15 1988

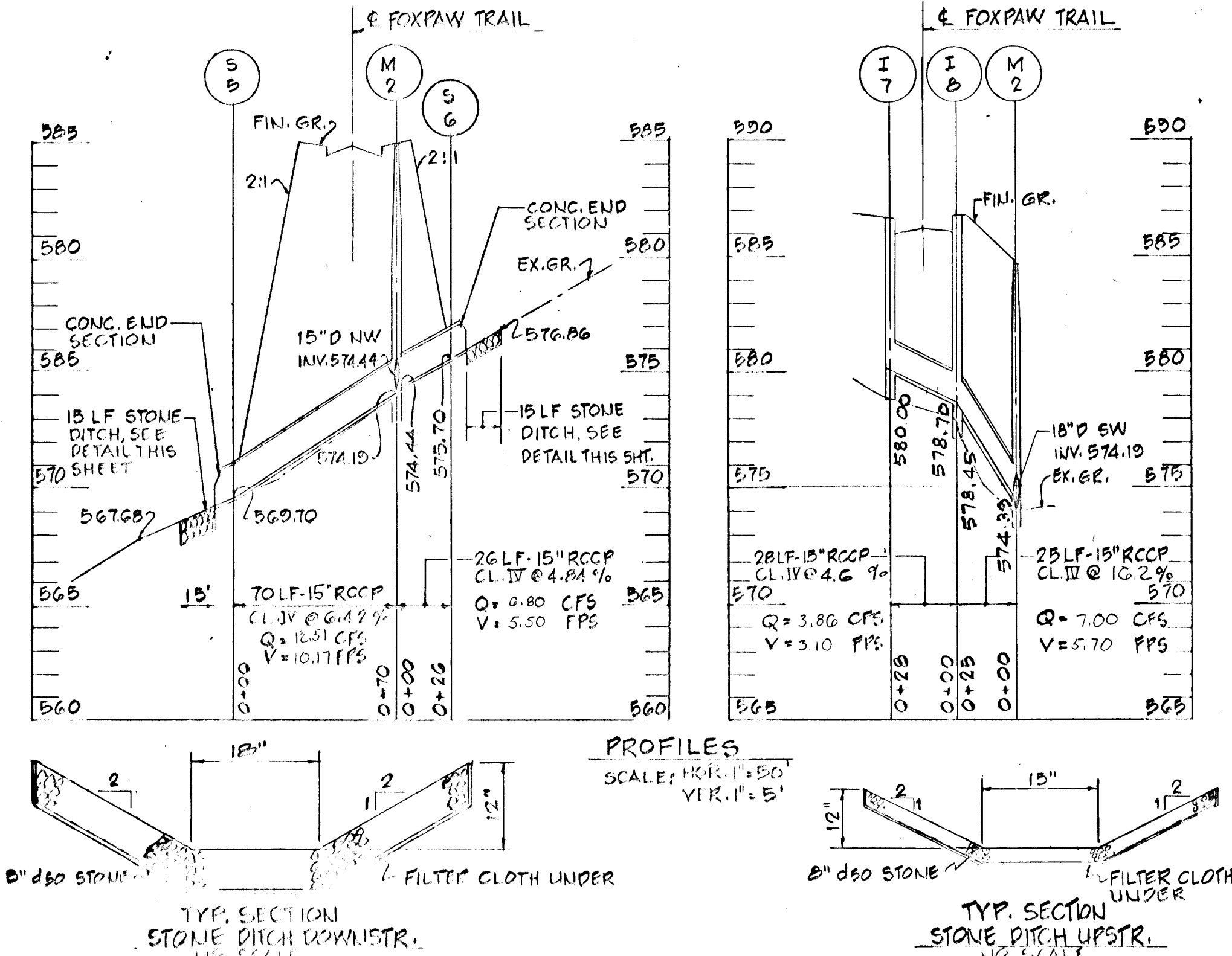
SEDIMENT CONTROL PLAN
 BUSHY TAIL RUN
 (PUBLIC ROAD)
 STAT 0+00 TO STAT 14+47.05

SCALE AS SHOWN
 SHEET 9 OF 20

F88-205



STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARK



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 HO. SOIL CONSERVATION DISTRICT. AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT TREATMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM.

Signature
 DATE: 9-2-88

ENGINEER'S CERTIFICATE
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Signature
 DATE: 9-1-88

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

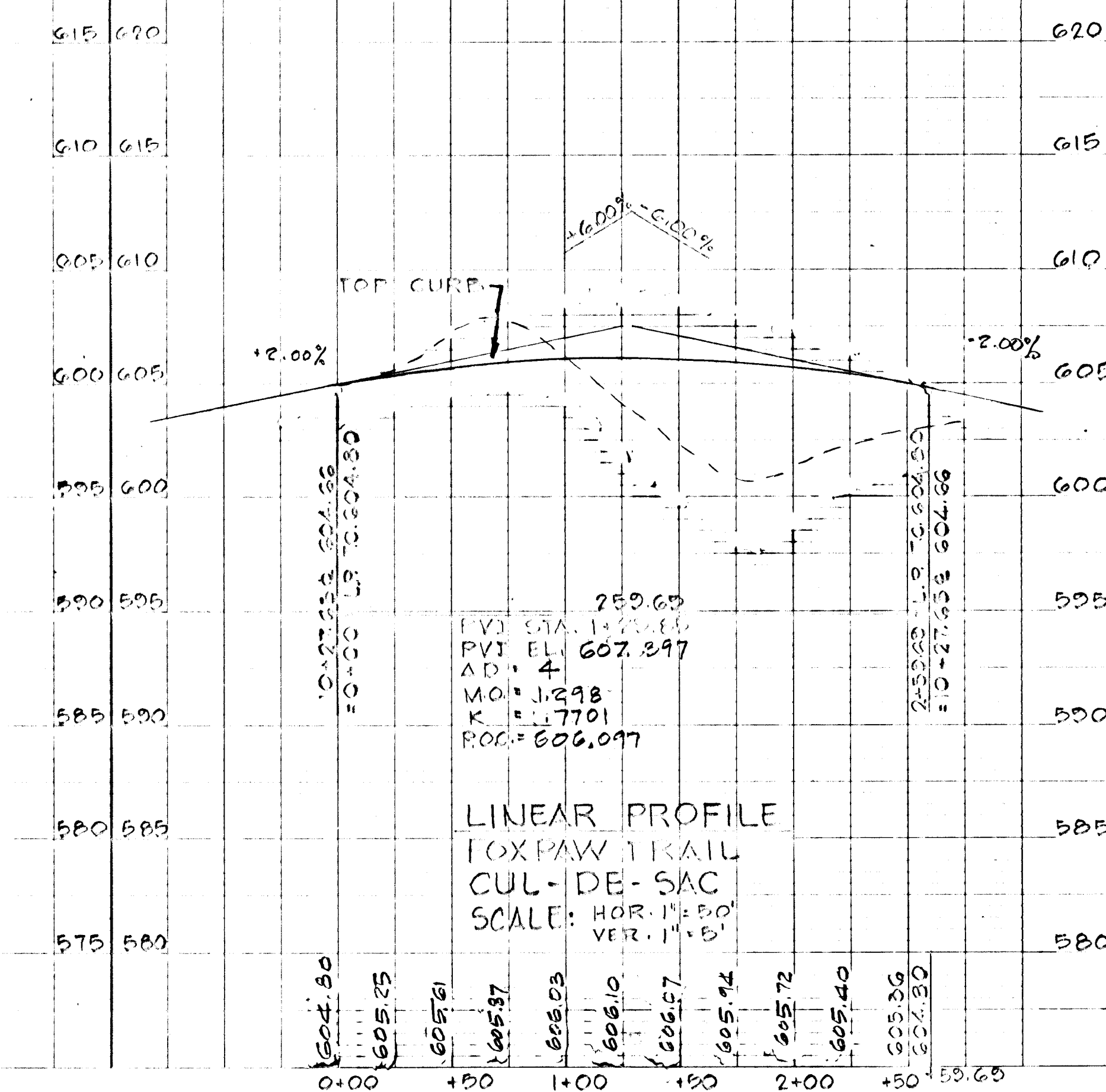
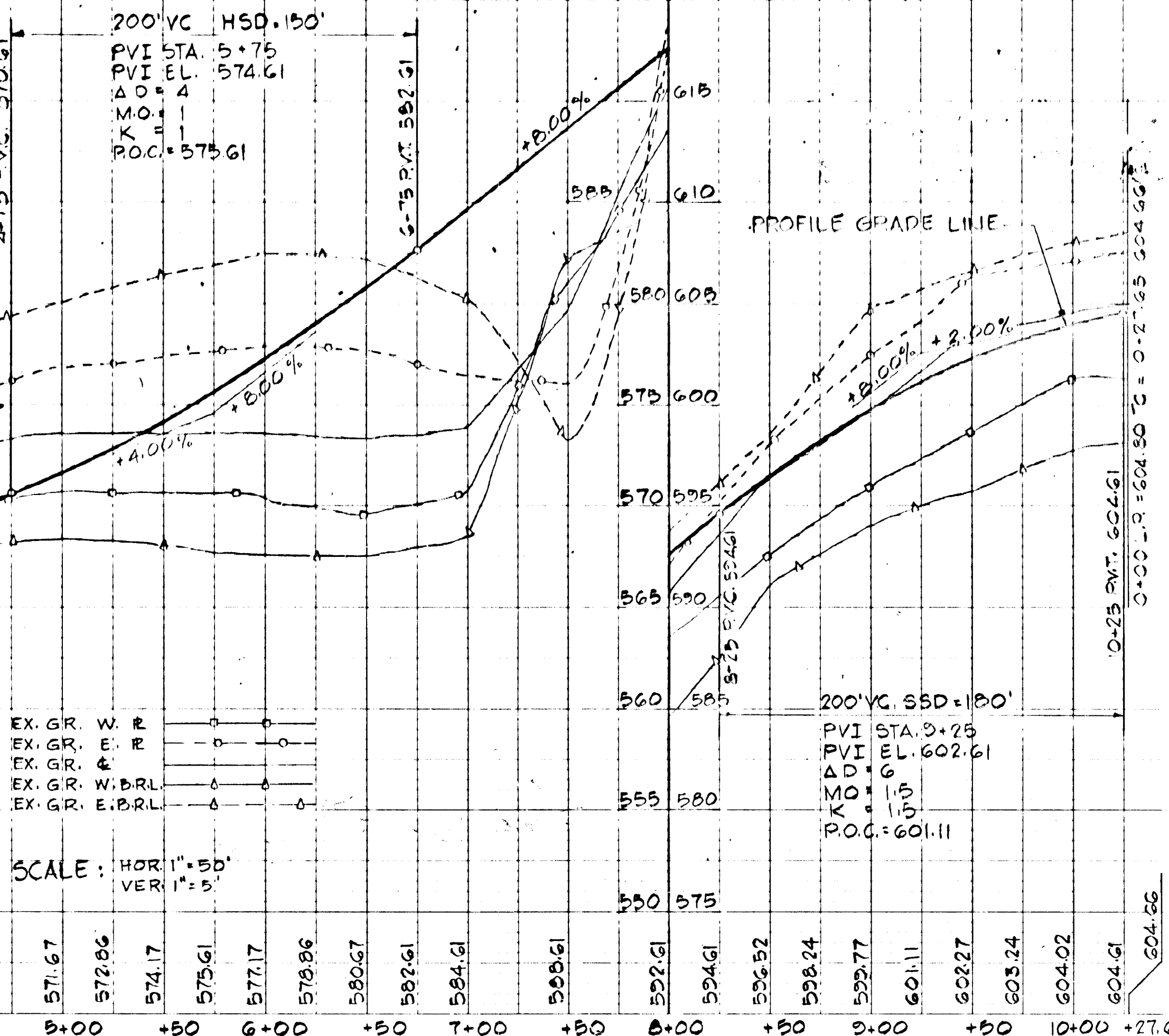
Signature
 DATE: 9-23-88

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

Signature
 DATE: 9/23/88

APPROVED BY HOWARD CO. OFFICE OF PLANNING & ZONING

Signature
 DATE: 11-7-88
 CHIEF, DIVISION OF COMMUNITY DEVELOPMENT



1340

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Signature 10/10/88
Signature 10/21/88
 DATE: 10/21/88

ENGINEERS:
 JOHN C. MELLEMA SR. INC.
 6100 BALTIMORE NALT. PIKE
 BALTIMORE MD 21228
 (301) 744 8880

Signature
 PROFESSIONAL ENGINEER

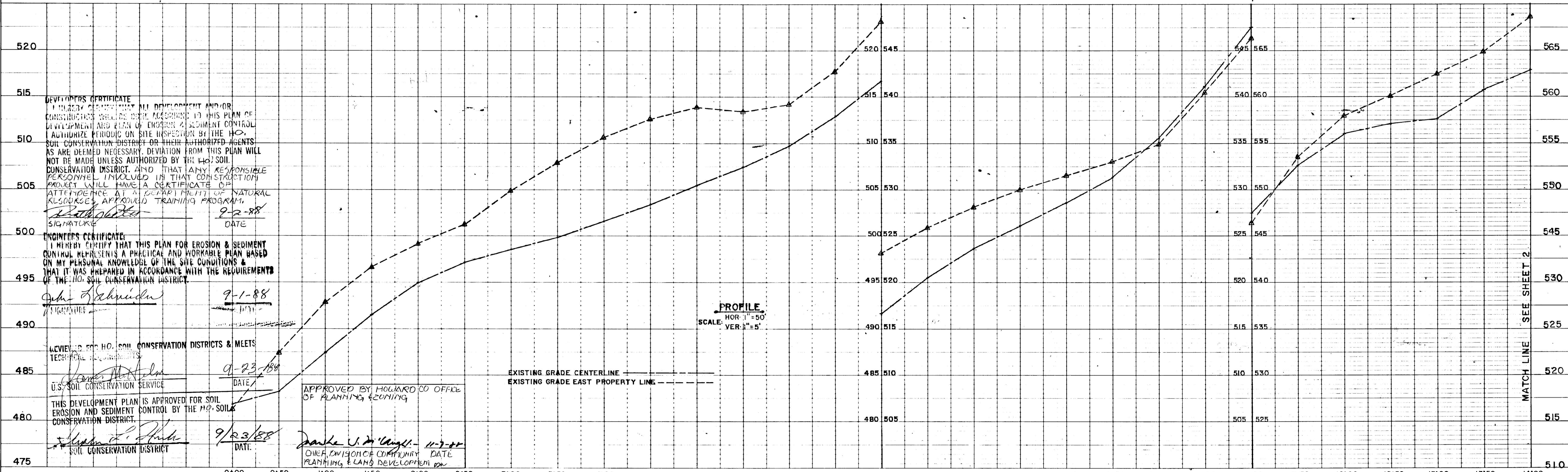
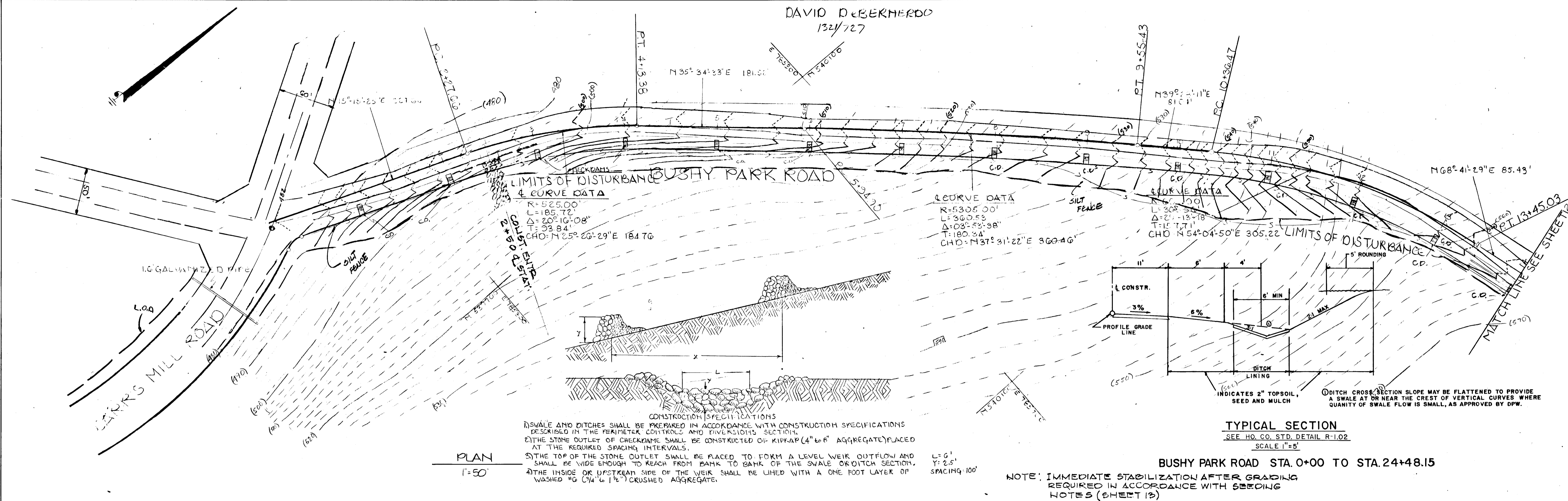
DES. TKS.	DRN. P.E.	TICKS.	CHK. U.S.I.	DATE: 1-17-88	BY	NO.	REVISION	DATE:	600' SCALE MAP NO.	BLOCK NO.

FOXPORT PLANTATION
 LOTS 1 THRU 21
 4TH ELECTION DIST. HOWARD CO. MD

SEDIMENT CONTROL PLAN
 FOXPAW TRAIL
 (POPULAR ROAD)
 STAT 0+00 TO STAT. 10+27.65

SCALE AS SHOWN
 SHEET 10 OF 20

DAVID DEBERNERDO
1321/227



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

1321

10/10/88
10/2/88

ENGINEERS:
JOHN C MELLEMA SR. INC
6100 BALTO NATIONAL PIKE
BALTO. MD 21228
(301) 744-8880

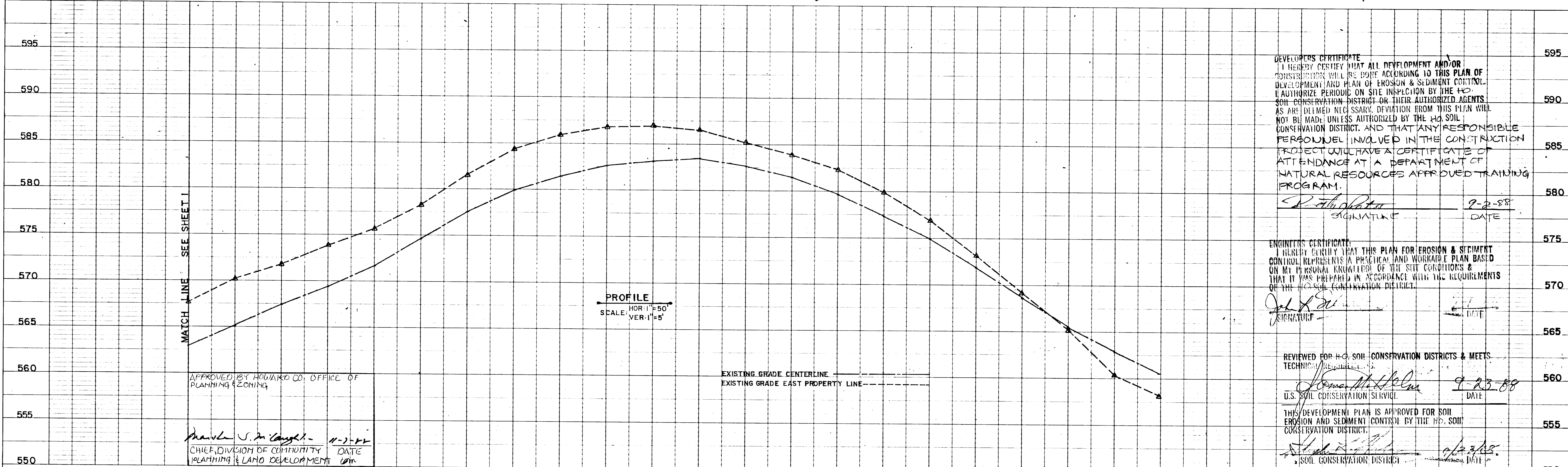
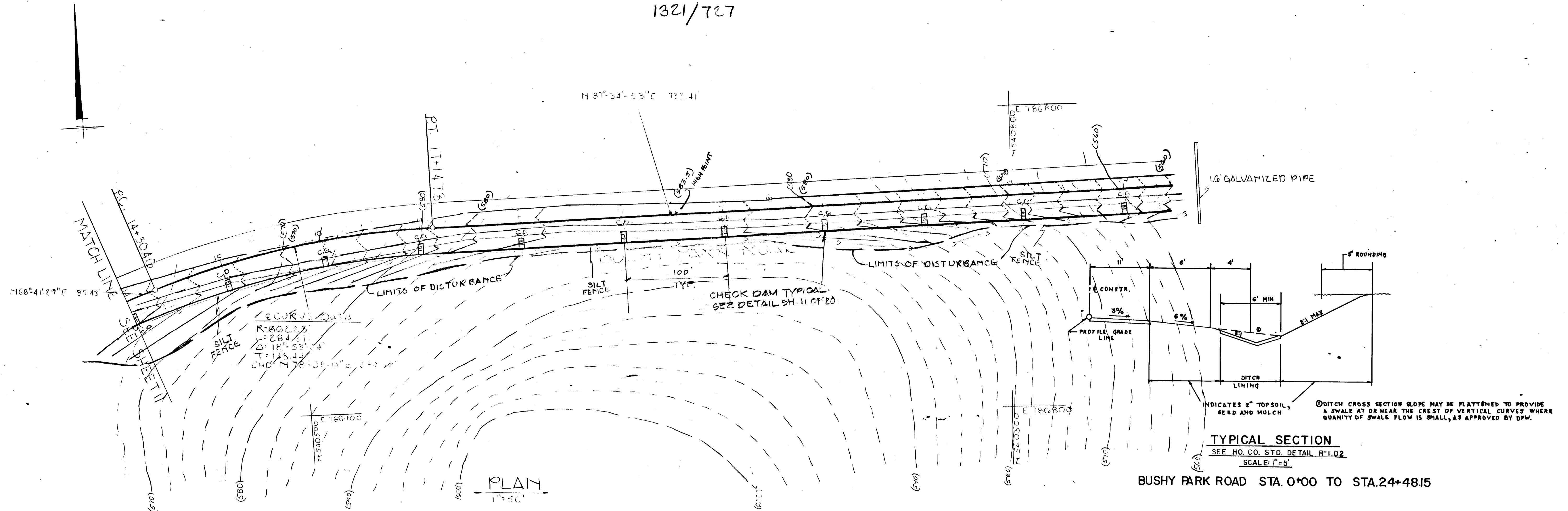
DATE	BY	NO	REVISION	DATE

FOXPORT PLANTATION
LOTS 1 THRU 21
4TH ELECTION DISTR HOWARD CO MD.
SCALE: AS SHOWN

SEDIMENT CONTROL PLAN
BUSHY PARK ROAD
(PUBLIC ROAD)

SCALE AS SHOWN
SHEET 11 OF 12

DAVID DeBERNERDO
1321/727



DEVELOPER'S 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 HO. SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SOIL CONSERVATION DISTRICT. 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.

[Signature] 9-2-88
SIGNATURE DATE

ENGINEER'S 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 HO. SOIL CONSERVATION DISTRICT.

[Signature] 9-2-88
SIGNATURE DATE

REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS

[Signature] 9-23-88
U.S. SOIL CONSERVATION SERVICE DATE

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

[Signature] 9-23-88
U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 10/10/88
DATE

[Signature] 10/26/88
CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 10/26/88
CHIEF, BUREAU OF HIGHWAYS DATE

ENGINEERS:
JOHN C. MELLEMA SR., INC.
6100 BALTO. NATIONAL PIKE
BALTIMORE MD 21228
(301) 744-8880

[Professional Engineer Seal]

DES TKS	
DRN PSE	
CHK TKS	U.S.
DATE	
BY	NO
REVISION	
DATE	

FOXPORT PLANTATION
LOTS 1 THRU 21
4TH ELECTION DIST. HO. CO. MD
SCALE: AS SHOWN

600' SCALE MAP NO. _____ BLOCK NO. _____

SEDIMENT CONTROL PLAN
BUSHY PARK ROAD
(PUBLIC ROAD)

SCALE AS SHOWN

SHEET 12 OF 20

1390

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedule

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding.
2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 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 (.05 lbs/1000 sq ft) of weeping lovegrass.

Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas.

Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

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

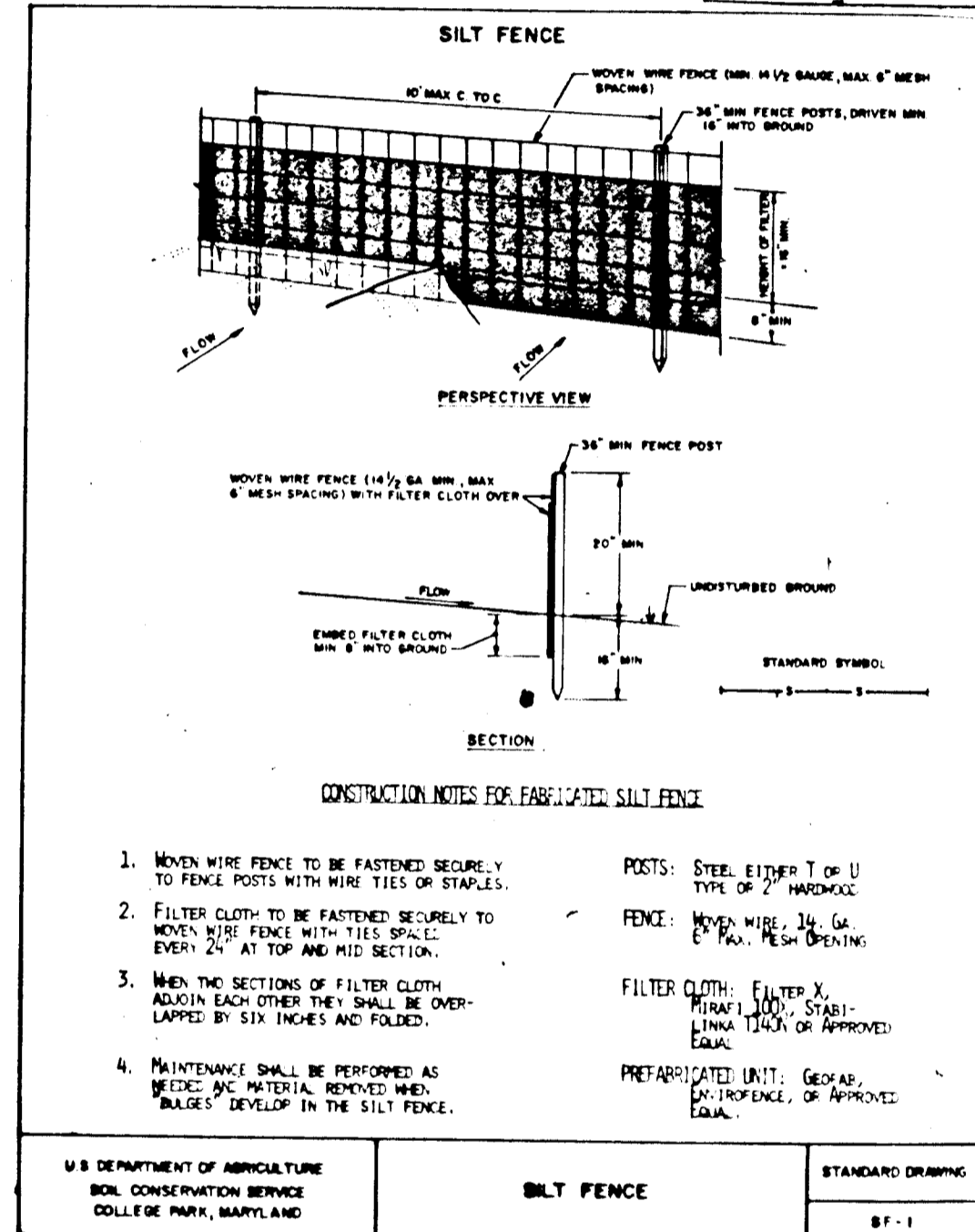
Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7) Site Analysis: Total Area of Site 76.9 Acres, Area Disturbed 6.0 Acres, Area to be roofed or paved 2.1 Acres, Area to be vegetatively stabilized 3.1 Acres, Total Cut Cu. yds, Total Fill Cu. yds, Offsite waste/borrow area location.
8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



STANDARD AND SPECIFICATIONS FOR SILT FENCE

Definition: A temporary barrier of geotextile fabric (filter cloth) used to intercept sediment laden runoff from small drainage areas of disturbed soil.

Purpose: The purpose of a silt fence is to reduce runoff velocity and effect deposition of transported sediment load. Limits imposed by ultraviolet stability of the fabric will dictate the maximum period the silt fence may be used.

Conditions Where Practice Applies: A silt fence may be used subject to the following conditions:

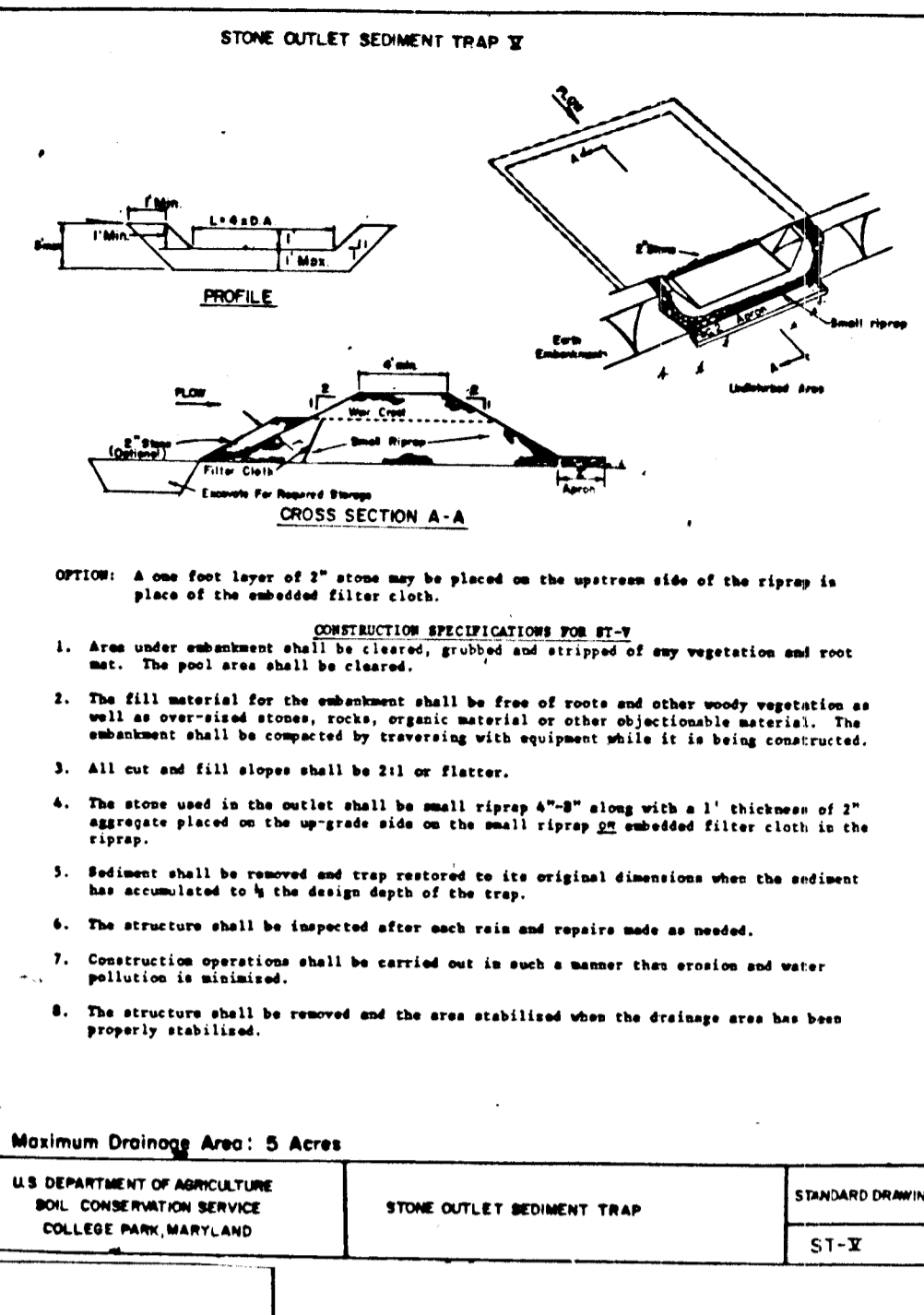
Table with 3 columns: Slope Steepness, Maximum Slope Length (Ft), and Fabric Properties (Grab Tensile Strength, Elongation at Failure, etc.).

Design Criteria: Design computations are not required. All silt fences shall be placed as close to the contour as possible, and the area below the fence must be undisturbed or stabilized.

A detail of the silt fence shall be shown on the plan, and contain the following minimum requirements:

- 1. The type, size, and spacing of fence posts.
2. The size of woven wire support fences.
3. The type of filter cloth used.
4. The method of anchoring the filter cloth.
5. The method of fastening the filter cloth to the fencing support.

APPROVED BY HOWARD CO. OFFICE PLANNING & ZONING. Mark J. DeAngelis, CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT.



STONE OUTLET SEDIMENT TRAP

CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

CONSTRUCTION SPECIFICATIONS FOR ST-V: The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material.

OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embankment filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-VI: 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

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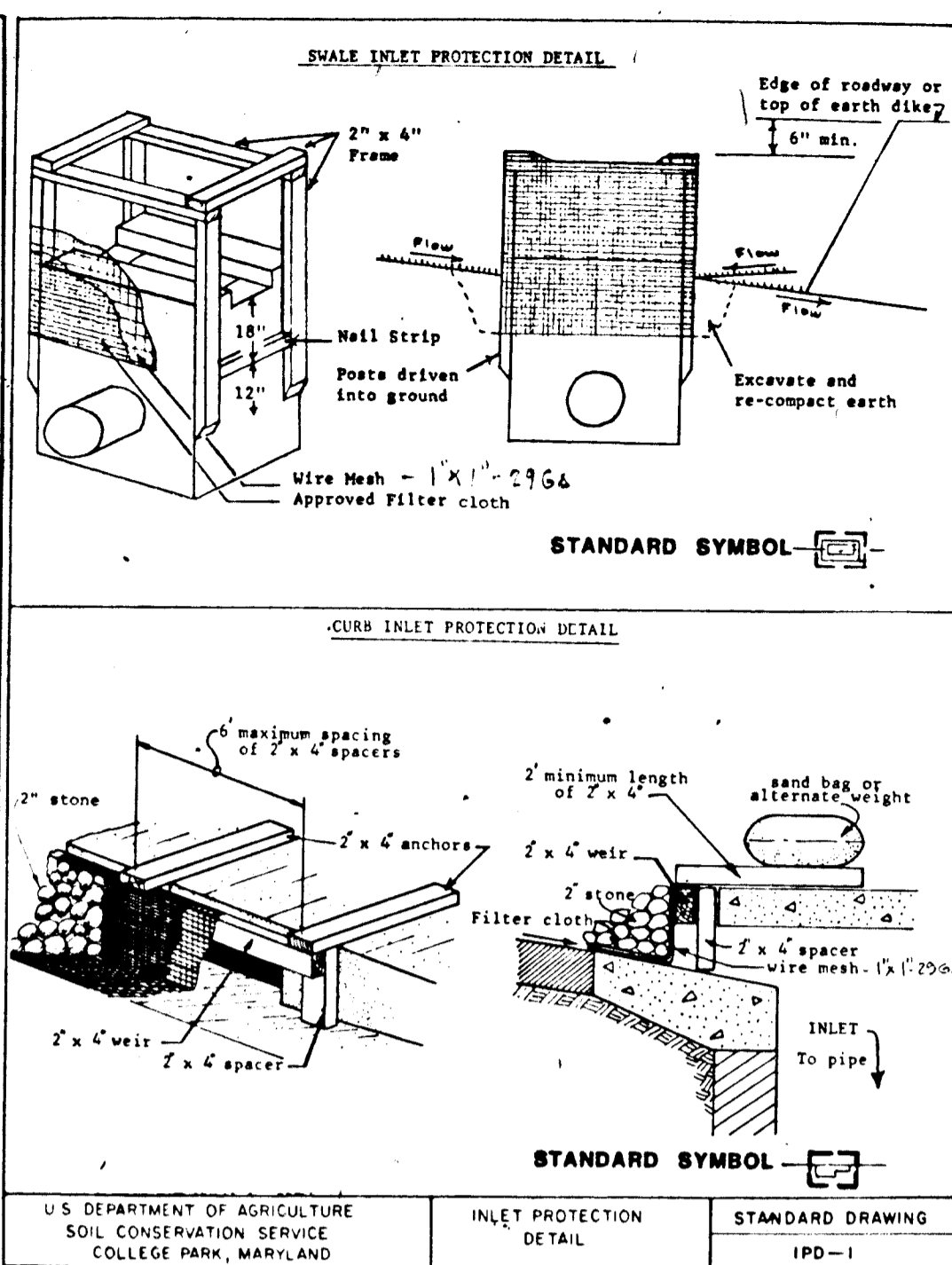
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STONE INLET PROTECTION DETAIL

CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

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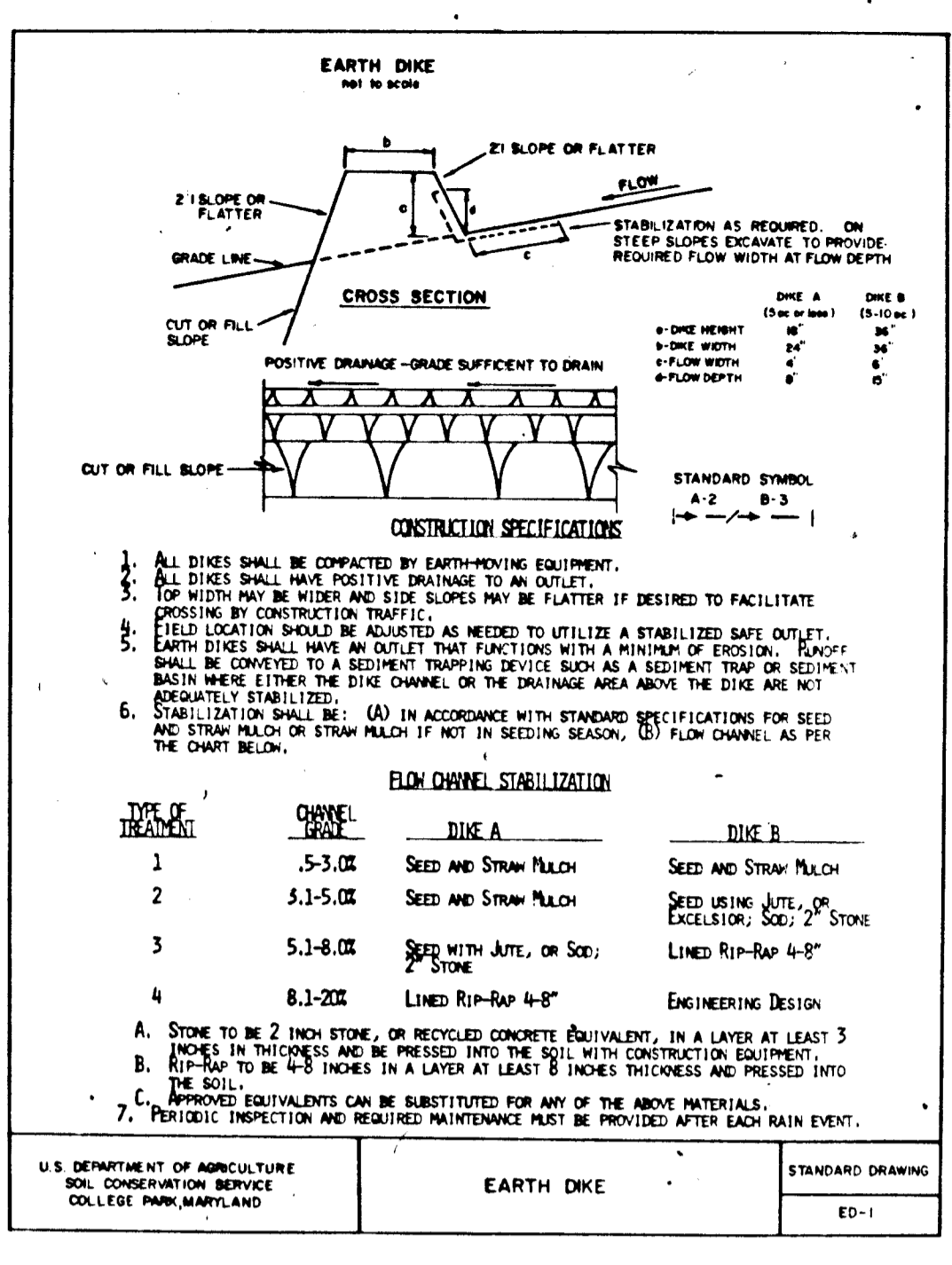
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EARTH DIKE

CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

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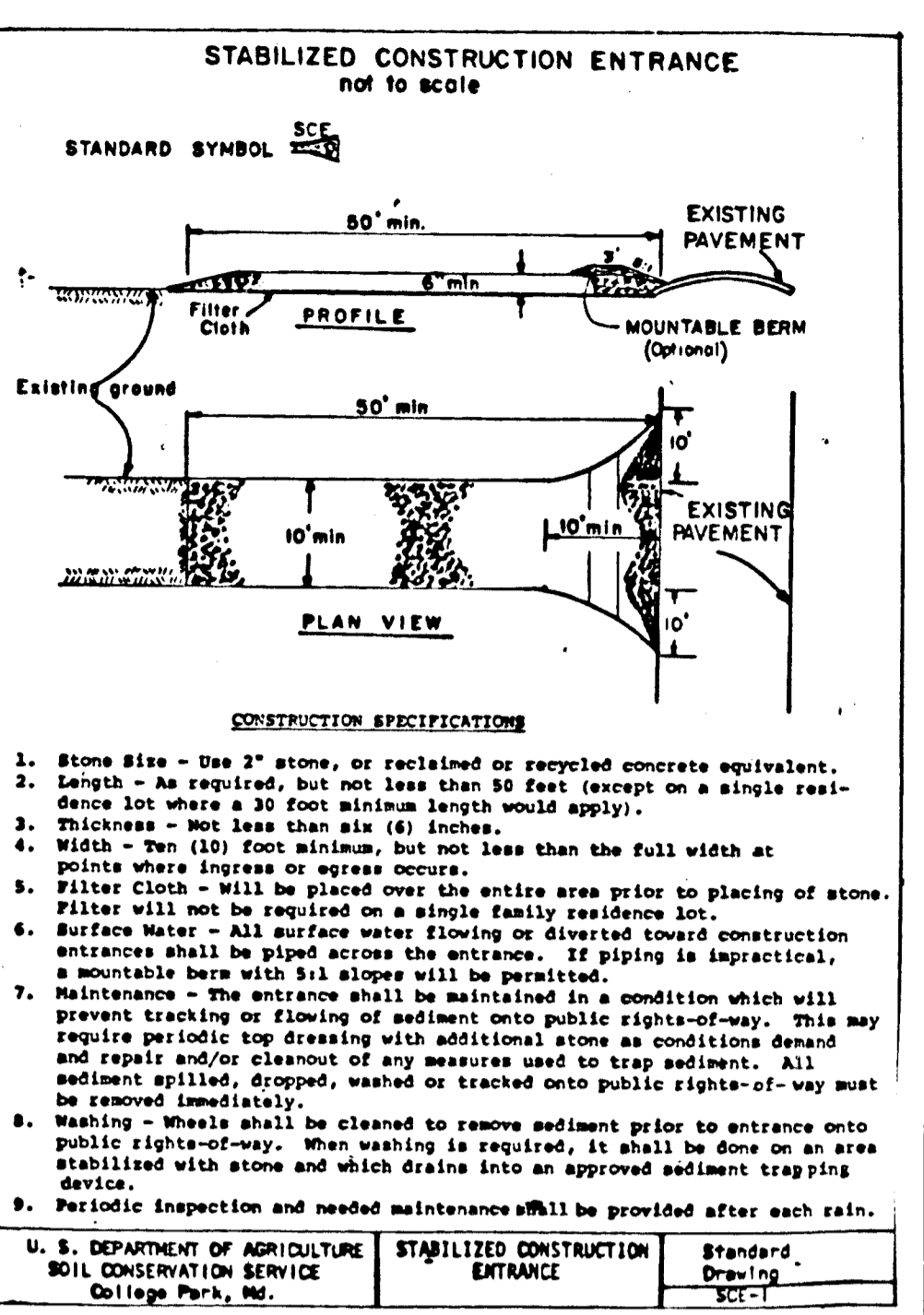
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STABILIZED CONSTRUCTION ENTRANCE

CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

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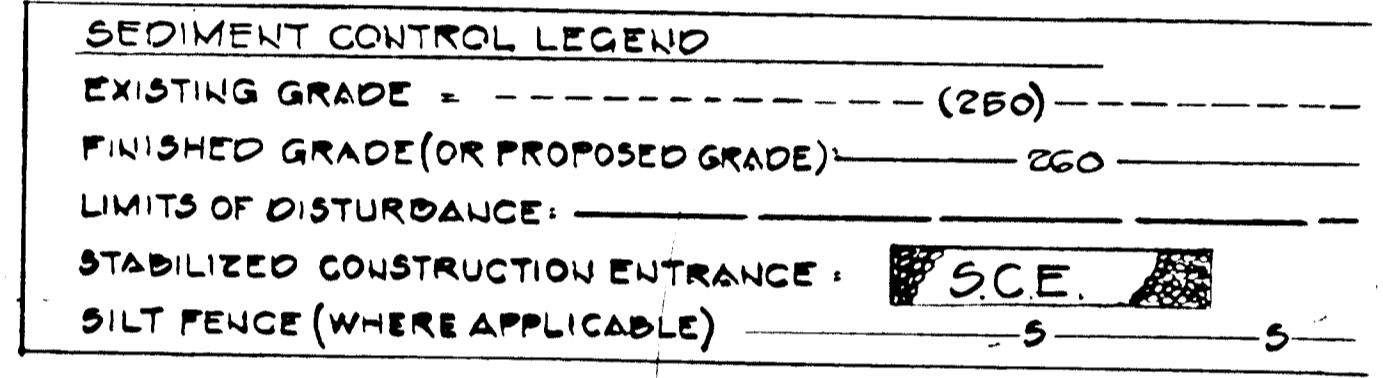
CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

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CONSTRUCTION SPECIFICATIONS FOR ST-VI: The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT. 2 WEEKS.
2. CLEAR AND GRUBB FOR THE INSTALLATION OF PERIMETER CONTROLS.
3. INSTALL PERIMETER CONTROL MEASURES INCLUDING PIPE SYSTEMS, STDS, 4" 55TDS4, 55TDS6 USE TEMP. PIPE.
4. CLEAR AND GRUBB REMAINDER OF SITE.
5. ROUGH GRADE SITE. STABILIZE AS REQUIRED.
6. INSTALL UTILITIES. INITIAL CONSTRUCTION SHALL BE 5-1 TO 5-2 DONE BEFORE PAVING.
7. INSTALL PAVEMENT.
8. INSTALL PAVEMENT SURFACE COURSE AND CURB.
9. FINISH GRADE SITE AND STABILIZE AS REQUIRED.
10. AFTER FINAL INSPECTION, STABILIZE SITE AS REQUIRED. REMOVE SEDIMENT CONTROL MEASURES AFTER PERMISSION FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.



SEDIMENT CONTROL

Provide the following certification blocks on sediment control plans:

By the Developer:

"I/We certify that all development and construction will be done according to this plan, 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 Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Signature of Developer: David J. ... Date: 9/2/88

By the Engineer:

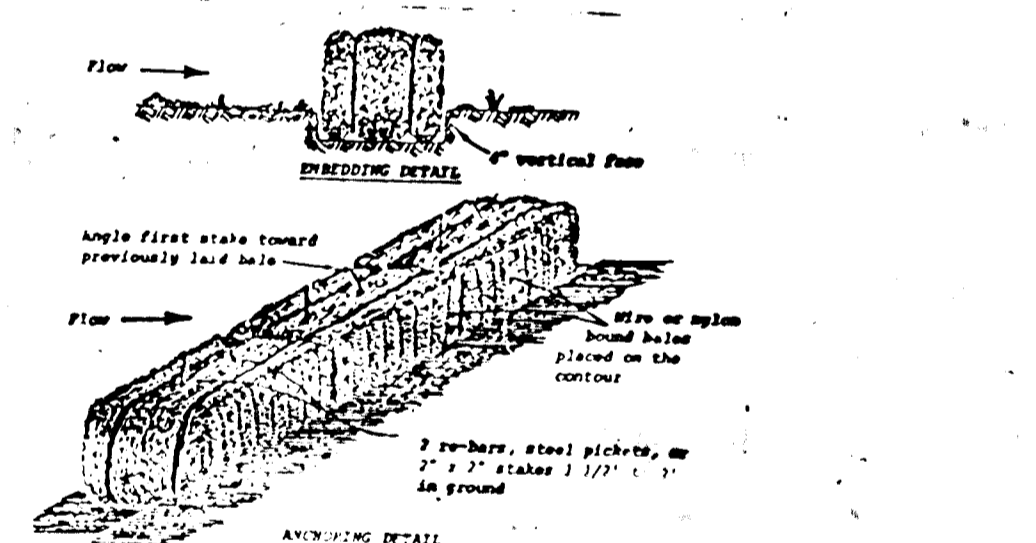
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Signature of Engineer: ... Date: 9-23-88

By the Inspector:

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

Signature of Inspector: ... Date: 9/23/88



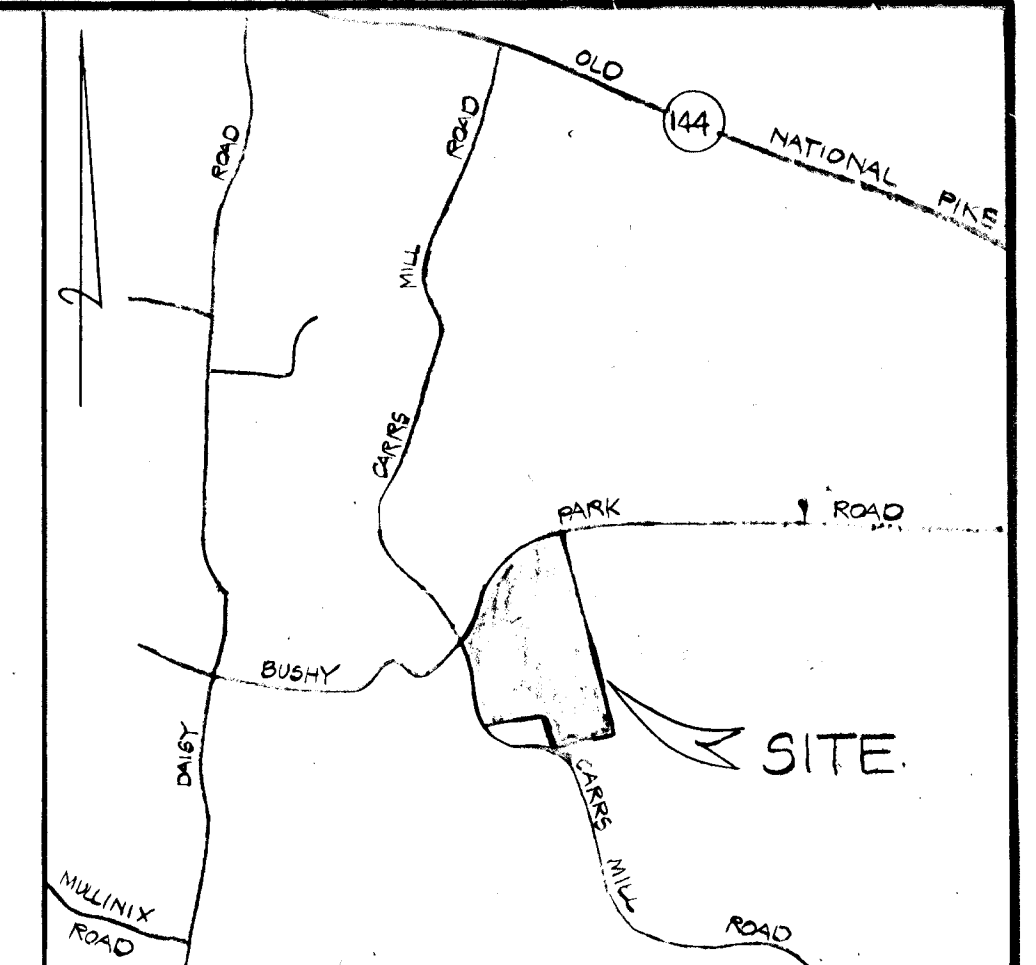
Construction Specifications: 1. A hole shall be placed in a row with ends slightly offset from each other. 2. A hole shall be embedded in the wall a minimum of 4"...

Standard Symbol: SED

APPROVED BY HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. Chief, Land Development Division: 10/16/88. Chief, Bureau of Highways: 10/26/88.

SCALE: AS SHOWN. SHEET 13 OF 20. FOXPORT PLANTATION.

1987



LOCATION MAP
SCALE 1" = 2000'

GENERAL NOTES

- 1 TOTAL AREA OF SITE 77.510 Ac. ±
- 2 TOTAL AREA OF SUBMISSION 77.510 Ac. ±
- 3 TOTAL AREA TO BE DEDICATED TO HOWARD CO FOR ROAD IMPROVEMENTS - PREVIOUSLY DEDICATED ON C.M.P. 6528
- 4 TOTAL AREA OF PROPOSED ROAD RIGHT OF WAY 2.8 Ac. ±
- 5 TOTAL AREA OF LOTS 74.1 Ac. ±
- 6 TOTAL NO. OF LOTS 21
- 7 ZONING CLASSIFICATION R
- 8 PRIVATE WATER AND SEWER
- 9 SOIL CLASSIFICATION SEE PLAN
- 10 TAX MAP 14 PARCEL 9 & 12
- 11 ELECTION DISTRICT NO. 4
- 12 MINIMUM LOT SIZE 3 ACRES

DEVELOPER

UNITED GENERAL CONTRACTORS, INC.
8370 COURT AVE.
ELICOTT CITY, MARYLAND 21043
301-461-2227
President 5-11-87
DATE

LEGEND

- DENOTES 10,000 Sq. FT. PRIVATE SEPTIC AREA
- DENOTES BLDG. AREA
- DENOTES WELL AREA
- DENOTES FIELD LOCATED PERC HOLES
- DENOTES LIMITS OF WETLAND.

PREPARED BY:
JOHN C. MELLEMA SR., INC.
LAND SURVEYORS
6100 BALD. NATL. PIKE · BALTIMORE MD. 21228
301-744 8880

SOILS MAP

"FOXPORT PLANTATION"
(A RESUBDIVISION OF RIPPEON PROPERTY - LOT 1)
4TH ELECTION DIST. HOWARD CO. MD.
SCALE 1" = 100' JULY, 1987
TAX MAP 14 PARCEL 9 & 12

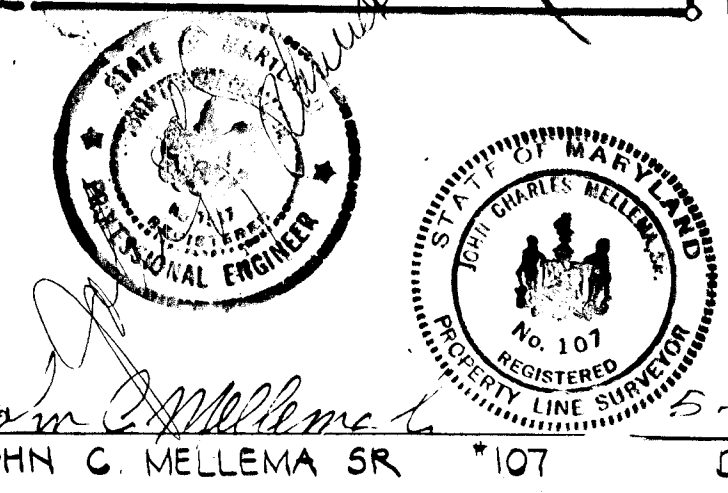
- ① R: 429.53 L: 113.00'
- ② R: 760.48 L: 179.03'
- ③ R: 470.00 L: 157.22'
- ④ R: 362.53 L: 115.34'
- ⑤ N 09° 52' 04" W 282.61'
- ⑥ R: 700.48 L: 164.90'
- ⑦ R: 530.00 L: 308.80'
- ⑧ R: 25.00 L: 19.71'

PERCOLATION TEST DATA	LOT NO.	INLET DEPTH	MAX. DEPTH	AV. TIME PERC	SYSTEM TYPE
1	3	FEET	8	5 MIN.	DEEP
2	2	FEET	8	6 MIN.	DEEP
3	2	FEET	8	3 MIN.	DEEP
4	3	FEET	8	8 MIN.	DEEP
5	4	FEET	8	9 MIN.	DEEP
6	4	FEET	8	9 MIN.	DEEP
7	4	FEET	8	16 MIN.	DEEP
8	4	FEET	8	11 MIN.	DEEP
9	6	FEET	19	19 MIN.	DEEP
10	3	FEET	8	10 MIN.	DEEP
11	2	FEET	8	3 MIN.	DEEP
12	4	FEET	8	11 MIN.	DEEP
13	4	FEET	8	13 MIN.	DEEP
14	4	FEET	8	4 MIN.	DEEP
15	4	FEET	8	3 MIN.	DEEP
16	3	FEET	8	10 MIN.	DEEP
17	3	FEET	8	10 MIN.	DEEP
18	3	FEET	8	9 MIN.	DEEP
19	3	FEET	8	8 MIN.	DEEP
20	3	FEET	8	3 MIN.	DEEP
21	4	FEET	8	2 MIN.	DEEP

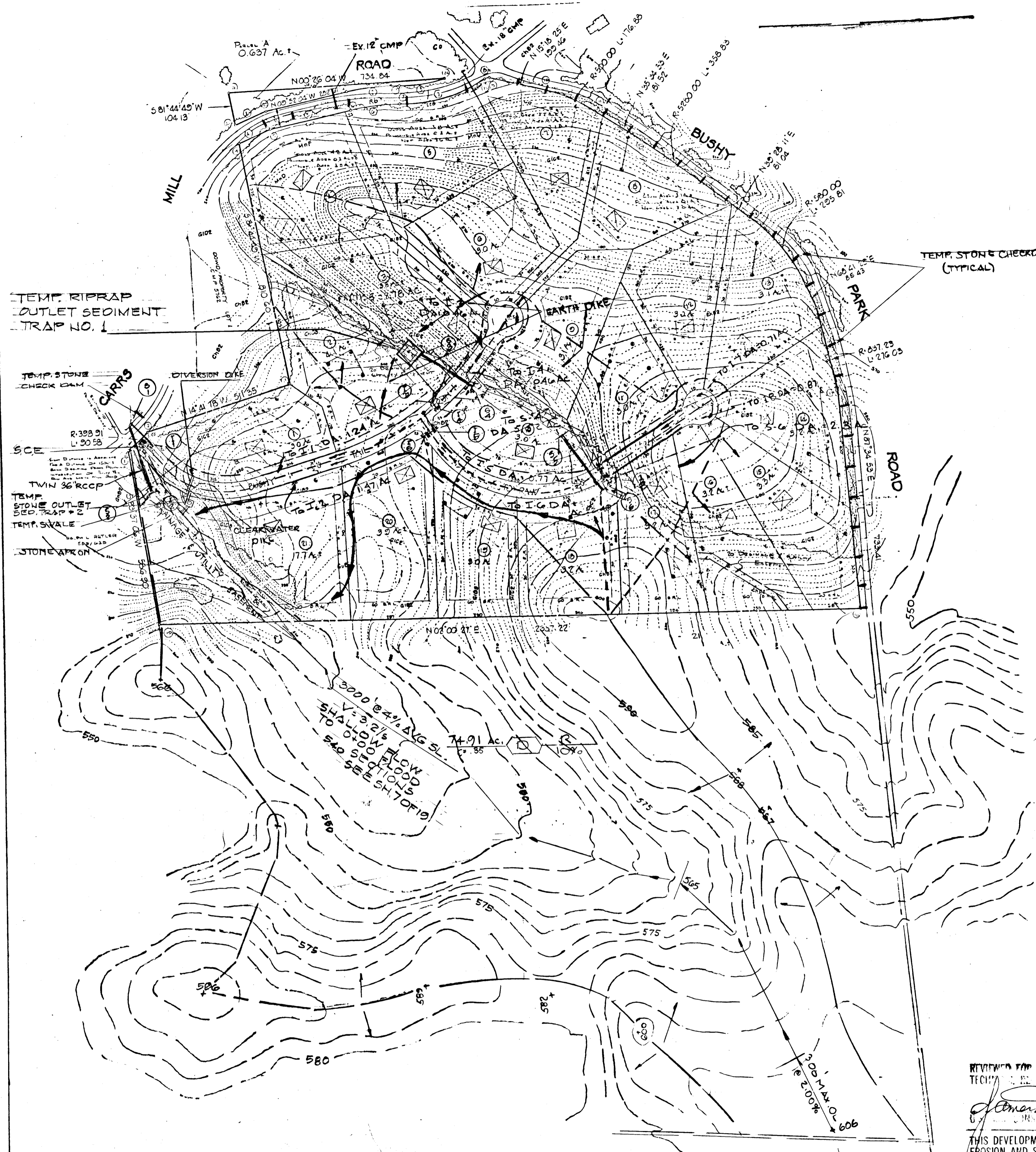
APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
10/10/88
APPROVED: *10/25/88*
APPROVED: *10/26/88*

APPROVED BY HOWARD CO OFFICE OF PLANNING & ZONING
11-19-87
JOHN C. MELLEMA SR. *107 DATE



1390



PLAN
SCALE: 1" = 200'

--- DENOTES CLEAR WATER DIKE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Paul D. Jensen 10/10/88
CHIEF, LAND DEVELOPMENT DIVISION, DATE

Granville W. Weiland 10/25/88
CHIEF, BUREAU OF HIGHWAYS DATE

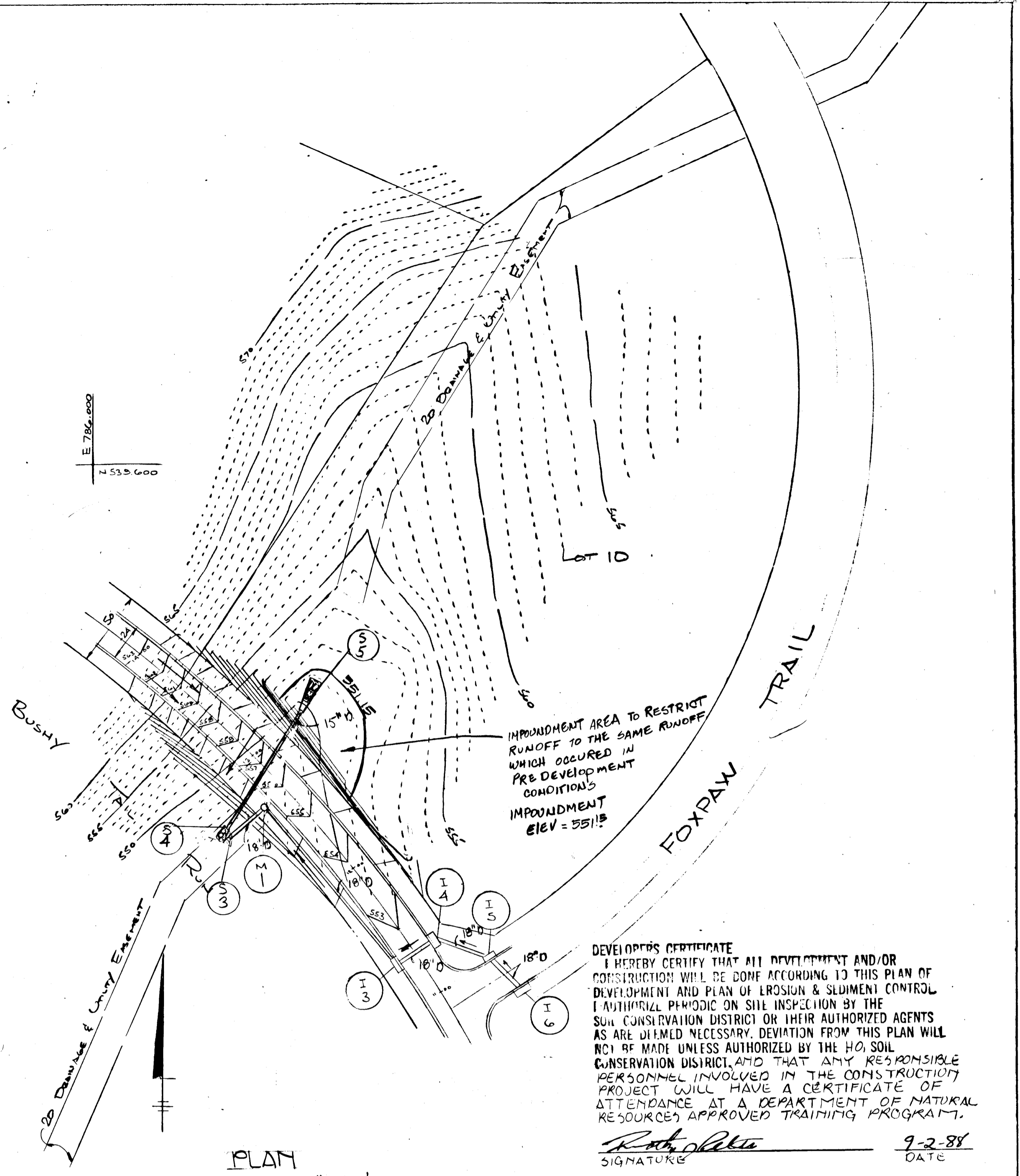
William E. Riley 10/26/88
CHIEF, BUREAU OF ENGINEERING, DATE

APPROVED BY HOWARD CO OFFICE OF PLANNING & ZONING
Marsha V. J. Gault 11-3-88
CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS
James M. Helm 9-23-88
SUPERVISOR OF CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HO. SOIL CONSERVATION DISTRICT.
Stephen L. Hahn 9/23/88
DISTRICT SUPERVISOR DATE

PREPARED BY:
JOHN C. MELLEMA SR, INC.
LAND SURVEYORS
6100 BALTIMORE NATIONAL PKE
BALTIMORE, MARYLAND 21228
301-744-8880



PLAN
SCALE: 1" = 50'

DEVELOPER'S 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 HO. SOIL CONSERVATION DISTRICT, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM.

Ruth J. [Signature] 9-2-88
SIGNATURE DATE

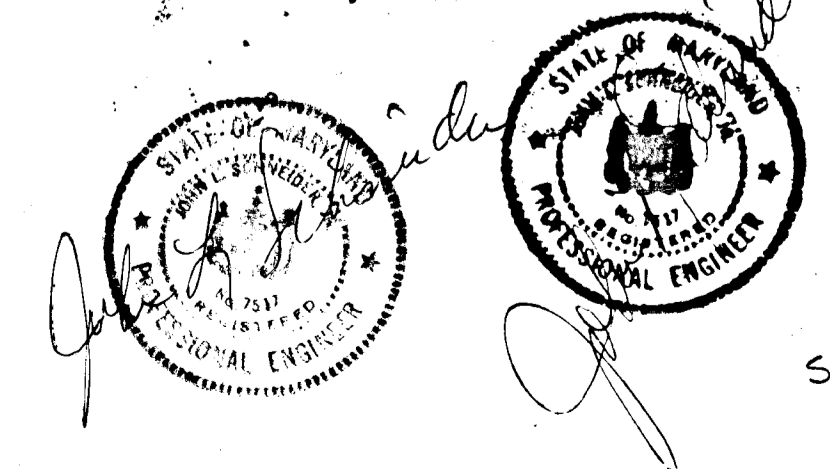
ENGINEER'S CERTIFICATE:
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HO. SOIL CONSERVATION DISTRICT.

John E. Schneider 9-1-88
SIGNATURE DATE

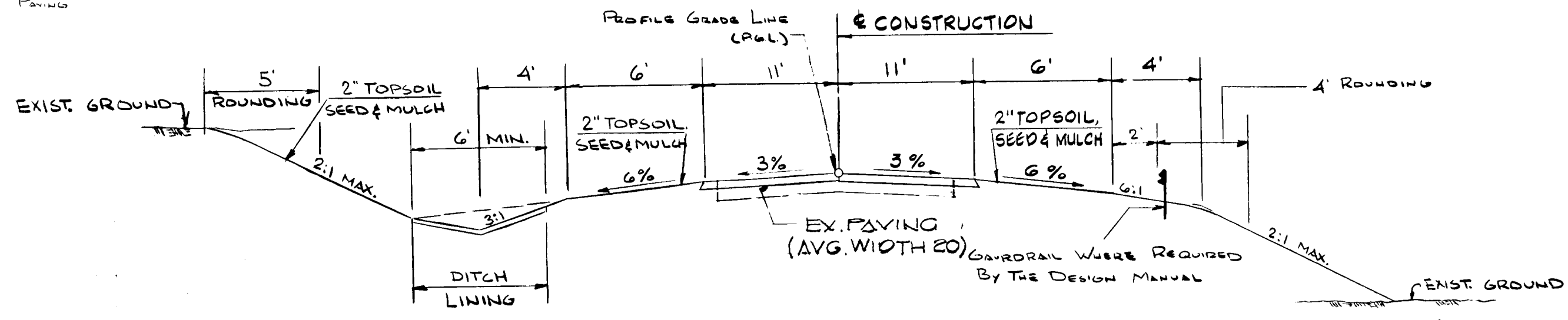
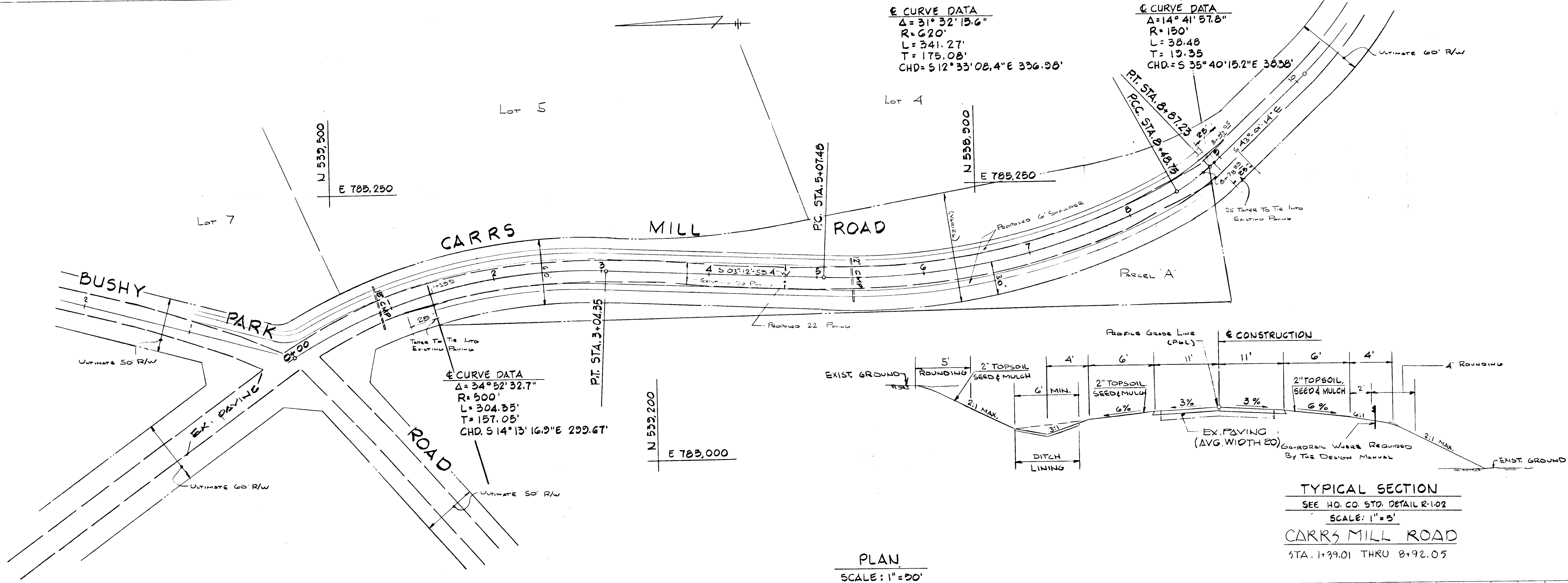
SEDIMENT CONTROL MEASURES

- DRAINAGE AREA MAP -
Lots 1 thru 21
FOXPORT PLANTATION
(A REDEVELOPMENT OF RIBBON PROPERTY - LOT 1)
4TH ELECTION DIST. HOWARD CO. MD.
SCALE: 1" = 200' SEPTEMBER, 1987
TAX MAP 14 PARCEL 2F12

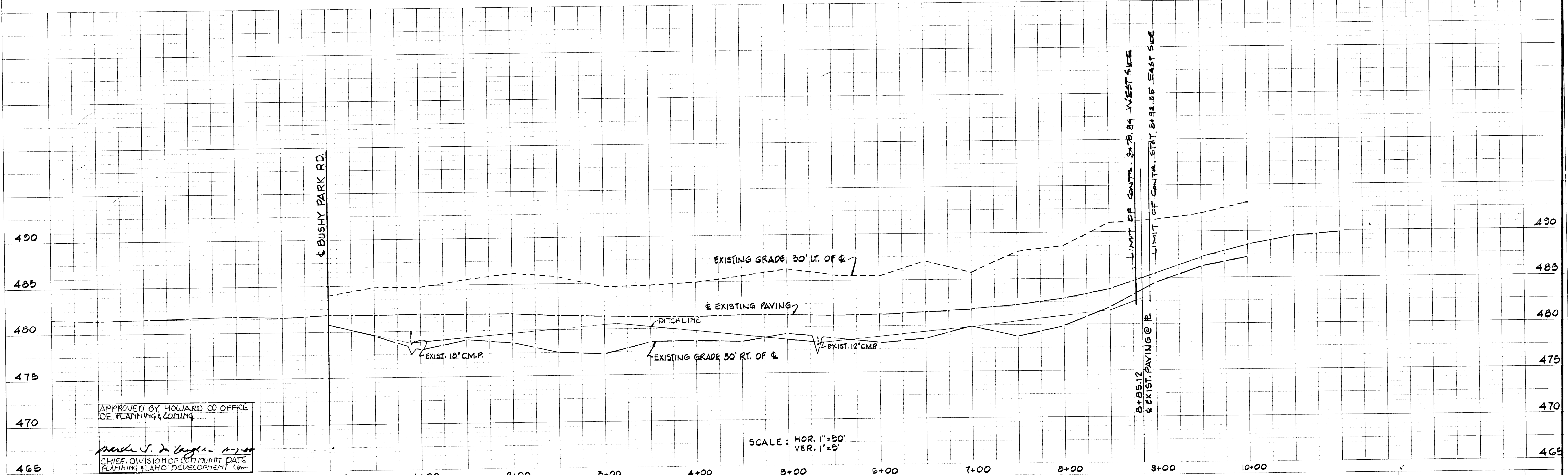
SEE SKETCH PLAN S-87-81
SEE PRELIMINARY PLAN P-88-18



0651



PLAN
 SCALE: 1"=50'

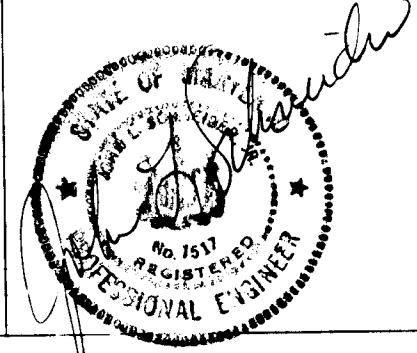


SCALE: HOR. 1"=50'
 VER. 1"=5'

APPROVED BY HOWARD CO OFFICE OF PLANNING & ZONING
Mark S. DeLong
 CHIEF, DIVISION OF COMMUNITY DEVELOPMENT & PLANNING

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE: 10/10/88
 DATE: 10/25/88

ENGINEERS
 JOHN C. MELLEMA SR. INC.
 6100 BALTO. NATIONAL PIKE
 BALTO., MD., 21228
 (301) 744-8880



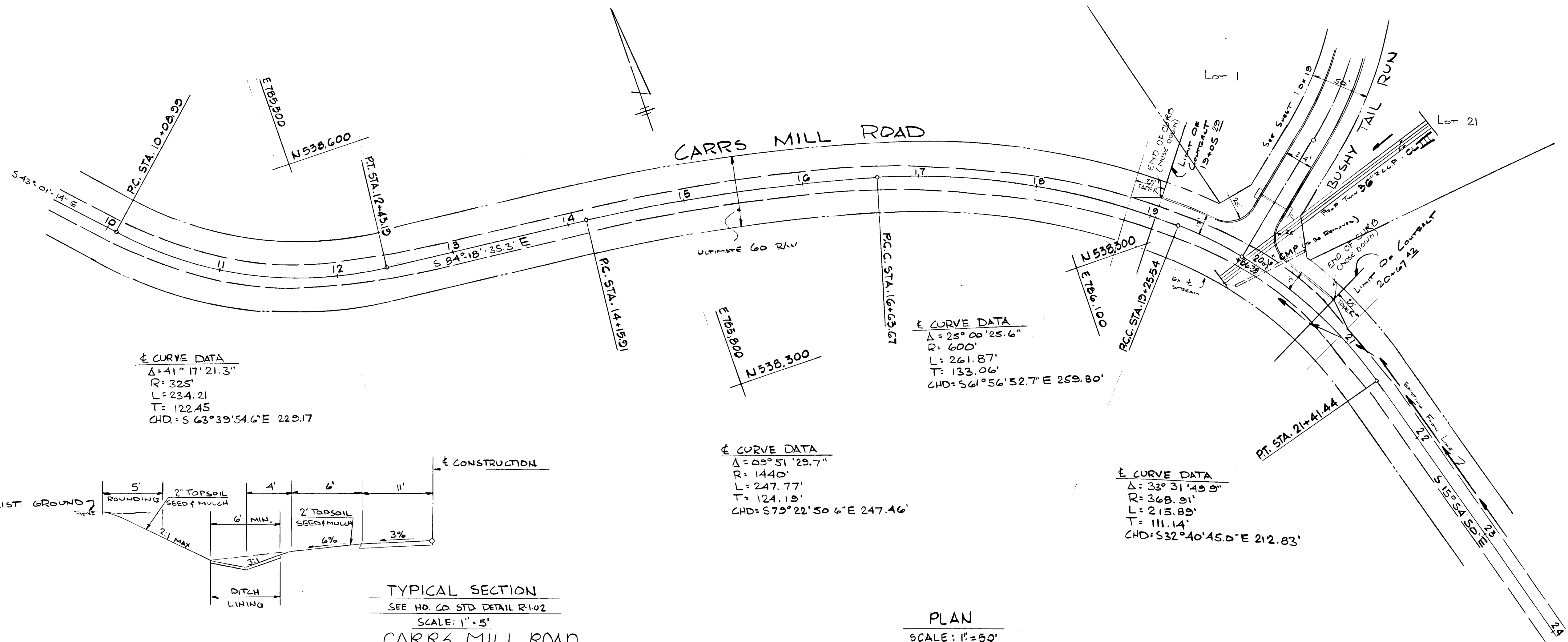
DES: TKS
 DRN: PE
 CHK: JG/TJ
 DATE: BY: NO: REVISION: DATE: 600 SCALE MAP NO: BLOCK NO:

FOXPORT PLANTATION
 LOTS 1 THRU 21
 4TH ELECTION DISTRICT, HOWARD CO., MD.

ROAD CONSTRUCTION PLAN AND PROFILE
 CARR'S MILL ROAD
 STAT. 0+00 TO STAT. 8+92.05

SCALE AS SHOWN
 SHEET NO. OF 20

1390

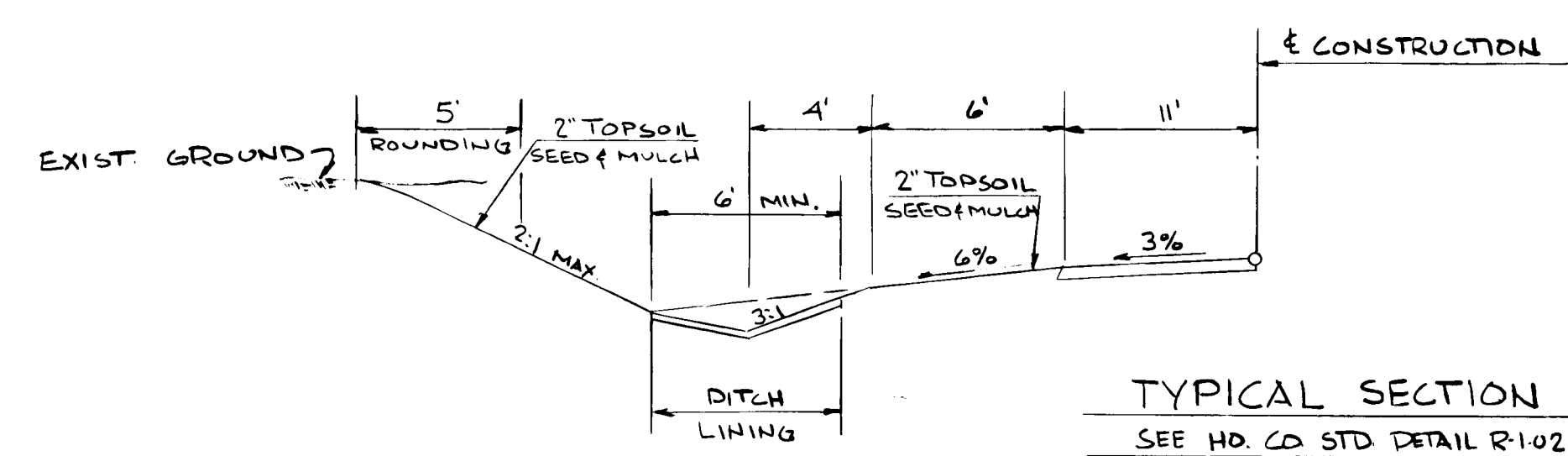


Δ=41° 17' 21.3"
 R=325'
 L=234.21
 T=122.45
 CHD: S 63° 39' 54.6" E 229.17

Δ=25° 00' 25.6"
 R=600'
 L=261.87
 T=133.06
 CHD: S 61° 56' 52.7" E 259.80

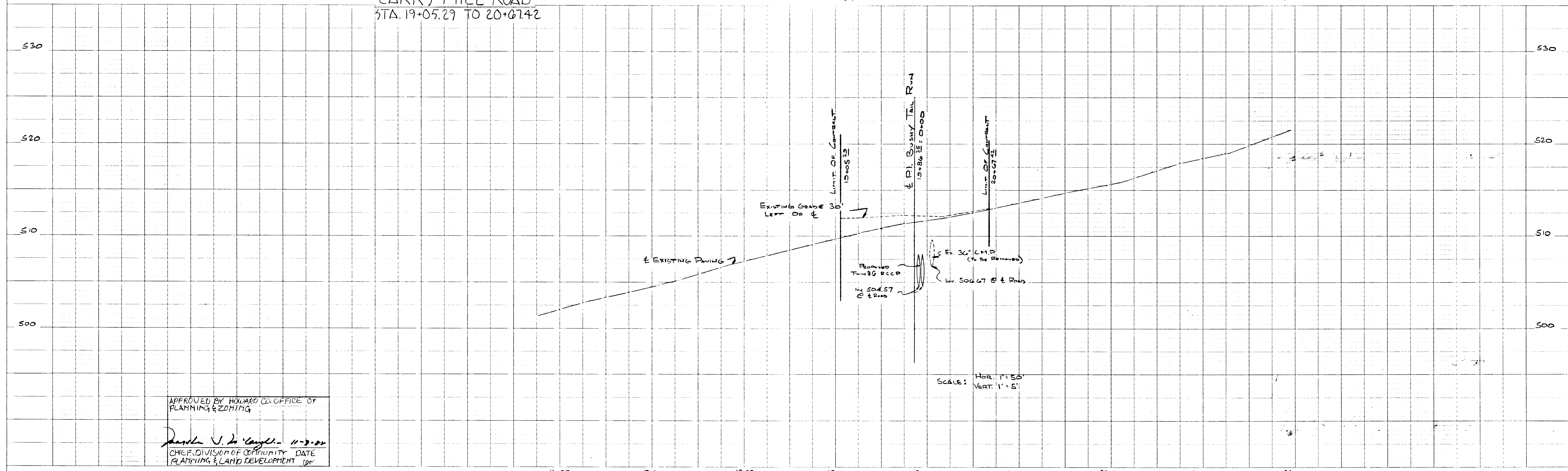
Δ=25° 51' 29.7"
 R=1440'
 L=247.77
 T=124.19
 CHD: S 79° 22' 50.6" E 247.46

Δ=32° 31' 49.8"
 R=368.91'
 L=215.89
 T=111.14
 CHD: S 32° 40' 45.0" E 212.83



TYPICAL SECTION
 SEE HO. CO STD DETAIL R102
 SCALE: 1"=5'
 CARRS MILL ROAD
 STA. 19+05.29 TO 20+67.42

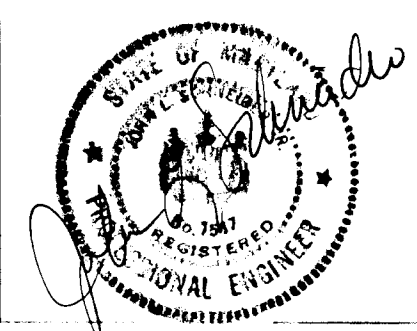
PLAN
 SCALE: 1"=50'



APPROVED BY HOWARD CO. OFFICE OF PLANNING & ZONING
 [Signature] 11-9-88
 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 [Signatures and Dates]

ENGINEERS
 JOHN C. MELLEMA SR. INC.
 6100 BALTO. NATIONAL PIKE
 BALTO., MD., 21228
 (301) 744-8880

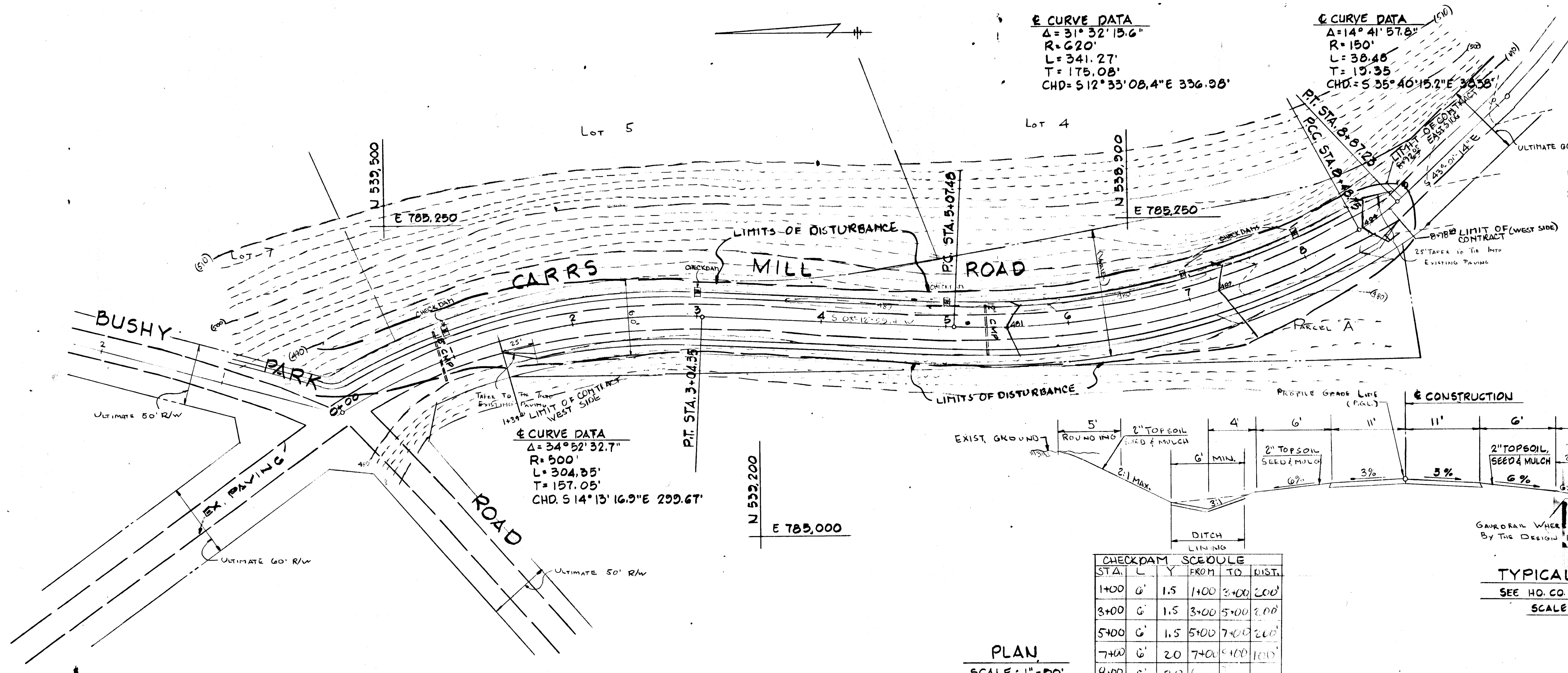


DES: T.S.	DATE:	BY:	NO:	REVISION:	DATE:
DRN: P.S.					
CHK: J.S.					

FOXPORT PLANTATION
 LOTS 1 TIIRU 21
 4TH ELECTION DISTRICT, HOWARD CO., MD.

ROAD CONSTRUCTION PLAN AND PROFILE
 CARRS MILL ROAD
 STAT 19+05.29 TO STAT 20+67.42
 SCALE AS SHOWN
 SHEET 17 OF 20

1300



CHECK DAM	STA.	L	Y	FROM	TO	LIST.
	1+00	6'	1.5	1+00	3+00	200'
	3+00	6'	1.5	3+00	5+00	200'
	5+00	6'	1.5	5+00	7+00	200'
	7+00	6'	2.0	7+00	8+00	100'
	8+00	6'	2.0			

PLAN
SCALE: 1"=50'

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 HO. SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SOIL CONSERVATION DISTRICT 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.

[Signature]
SIGNATURE
9-2-88
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 HO. SOIL CONSERVATION DISTRICT.

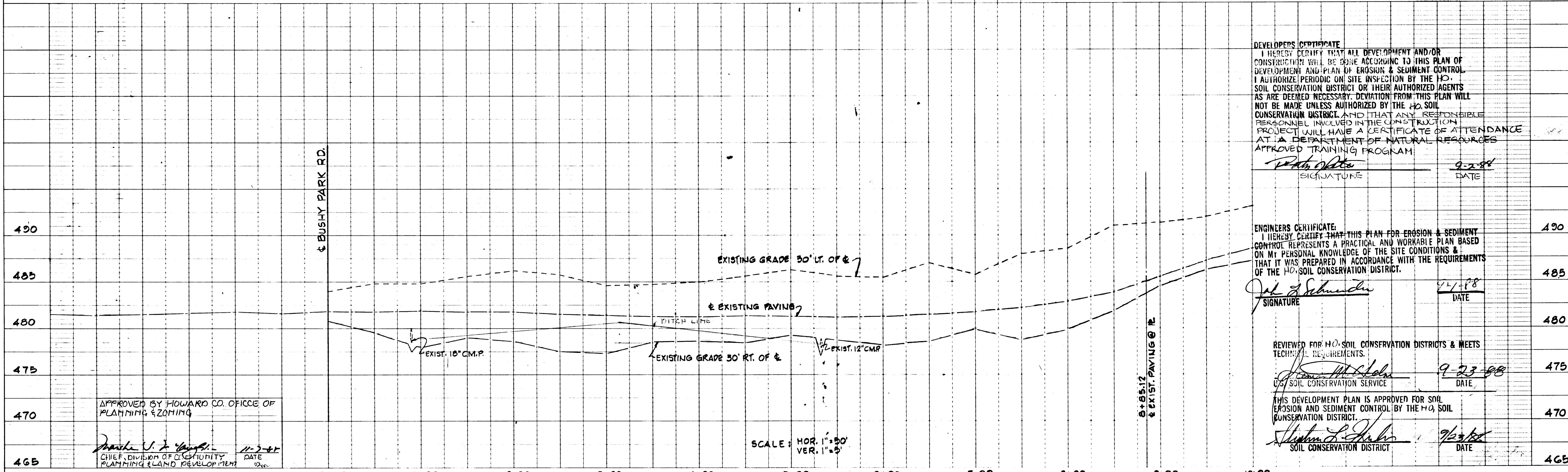
[Signature]
SIGNATURE
9/2/88
DATE

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

[Signature]
U.S. SOIL CONSERVATION SERVICE
9-23-88
DATE

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

[Signature]
SOIL CONSERVATION DISTRICT
9/2/88
DATE



SCALE: HOR. 1"=50'
VER. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 10/10/88
CHIEF, DIVISION OF COMMUNITY PLANNING & ZONING

[Signature] 10/24/88
CHIEF, BUREAU OF ENGINEERING

ENGINEERS
JOHN C. MELLEMA SR. INC.
6100 BALTO. NATIONAL PIKE
BALTO., MD., 21228
(301) 744-8820

[Professional Engineer Seal]

DES.	
DRN.	
CHK.	
DATE:	
BY:	NO.
REVISION	DATE

FOXPORNT PLANTATION
LOTS 1 THRU 21
4TH ELECTION DISTRICT, HOWARD CO., MD.

SEDIMENT CONTROL PLAN
CARRS MILL ROAD

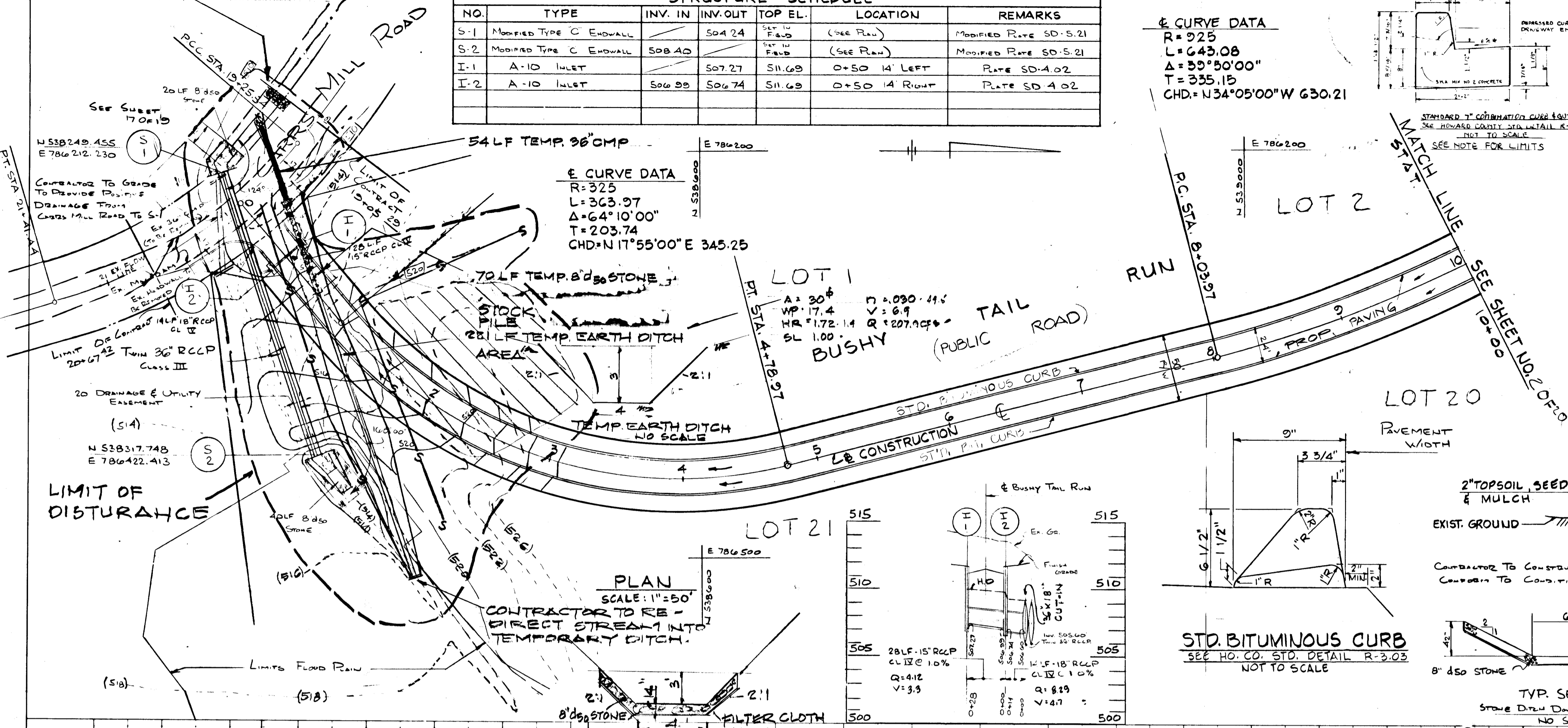
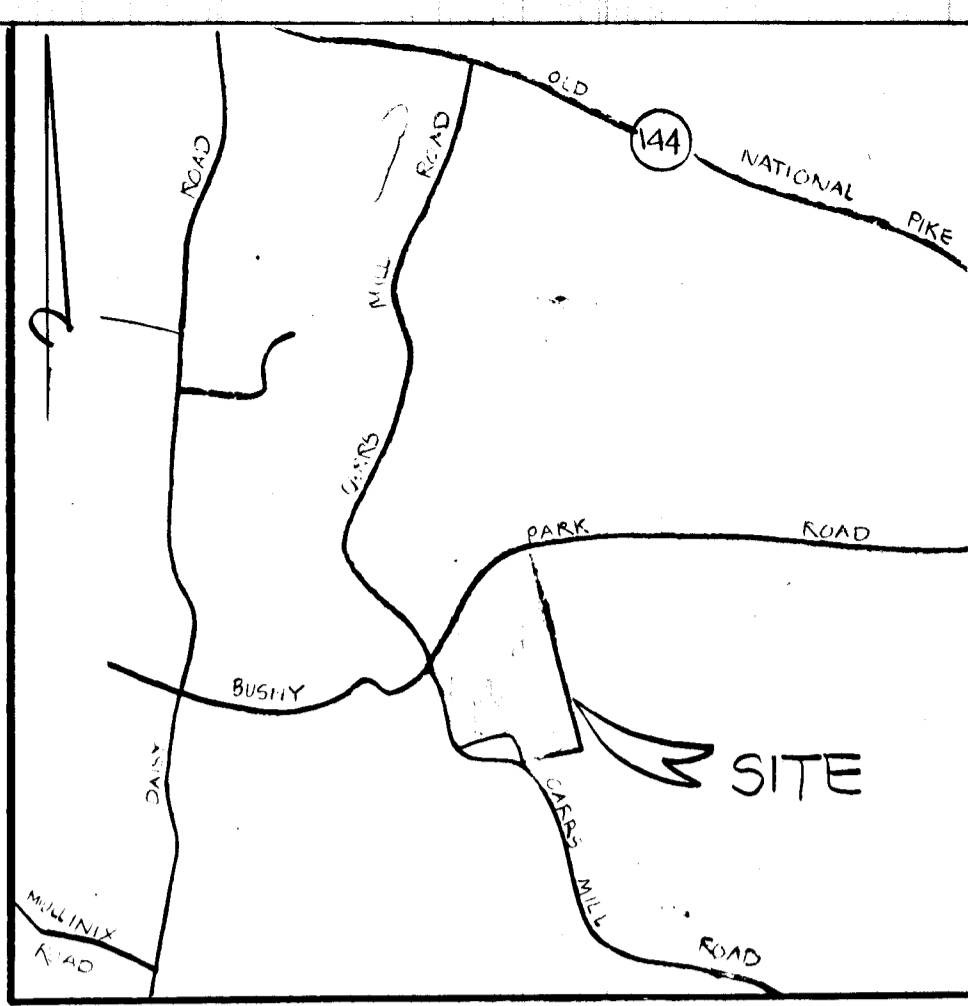
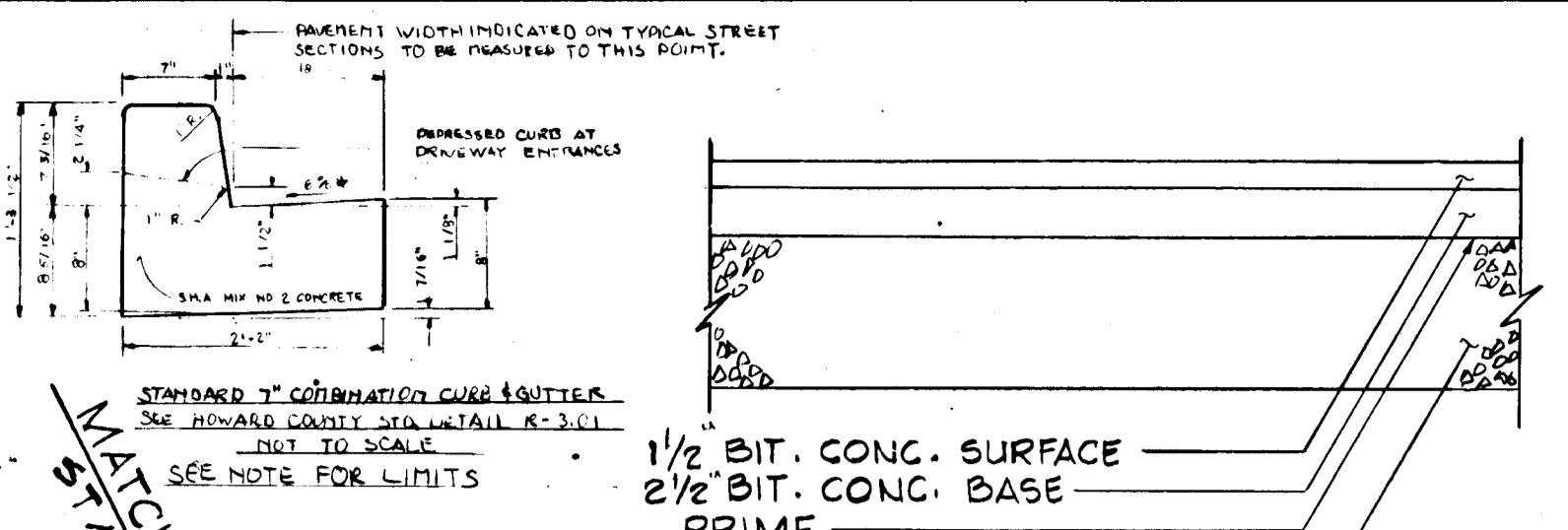
SCALE AS SHOWN
SHEET 18 OF 20

1090

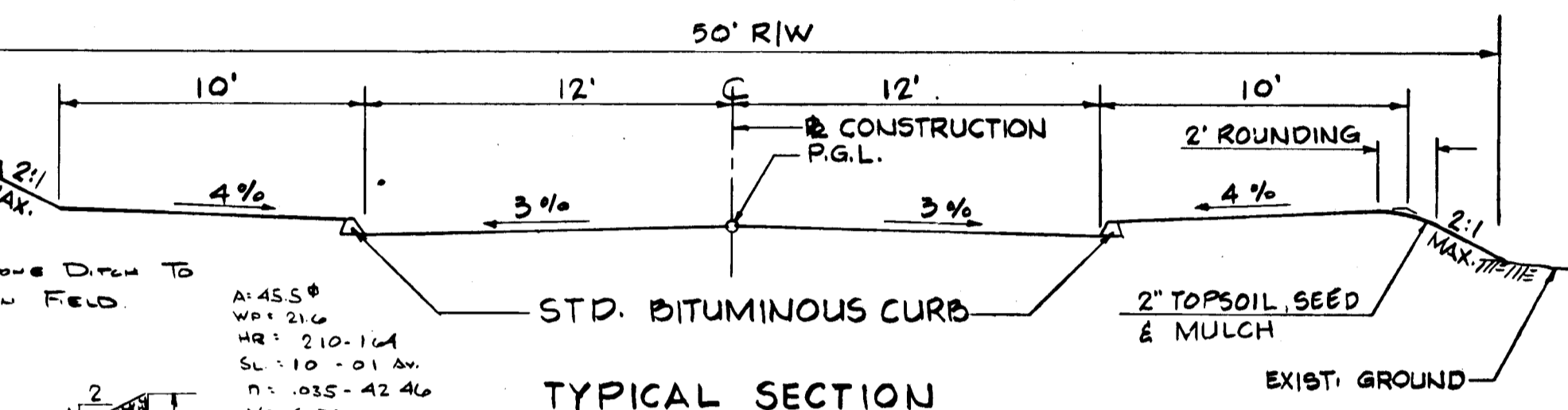
SEE SH. B FOR TEMP. STONE CHECK DAM DETAIL.

STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	REMARKS
S-1	Modified Type C Endwall		504.24	511.69	(See Plan) Modified Rate SD-5.21
S-2	Modified Type C Endwall	508.40		511.69	(See Plan) Modified Rate SD-5.21
I-1	A-10 Inlet	507.27	511.69	0+50 14' LEFT	Rate SD-4.02
I-2	A-10 Inlet	506.99	506.74	0+50 14' RIGHT	Rate SD-4.02

± CURVE DATA
 R=925
 L=643.08
 Δ=59°50'00"
 T=335.15
 CHD=N 34°05'00"W 630.21



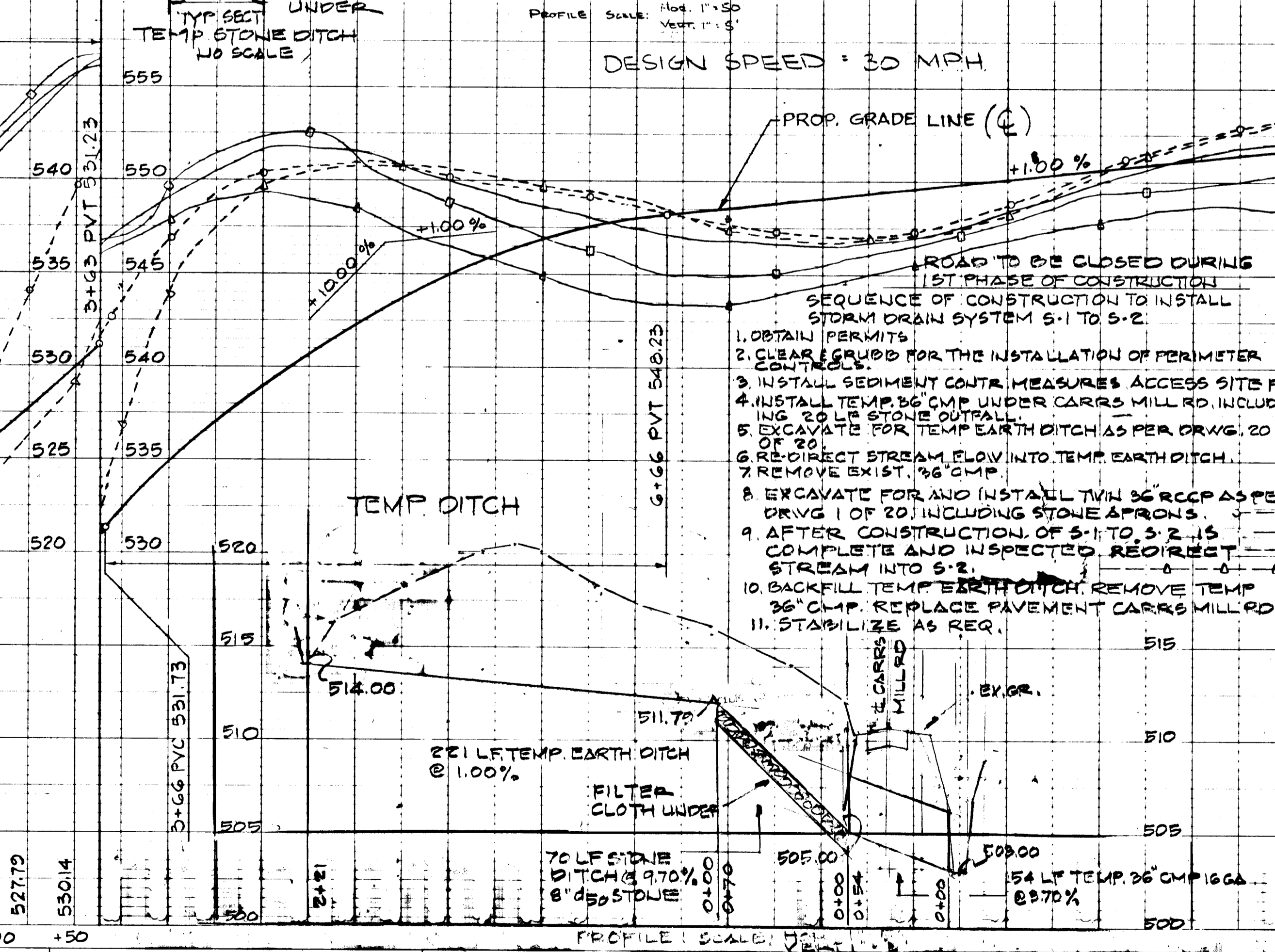
TYPICAL PAVING SECTIONS
 SEE HO. CO. STD. DETAIL R-2.01
 NOT TO SCALE



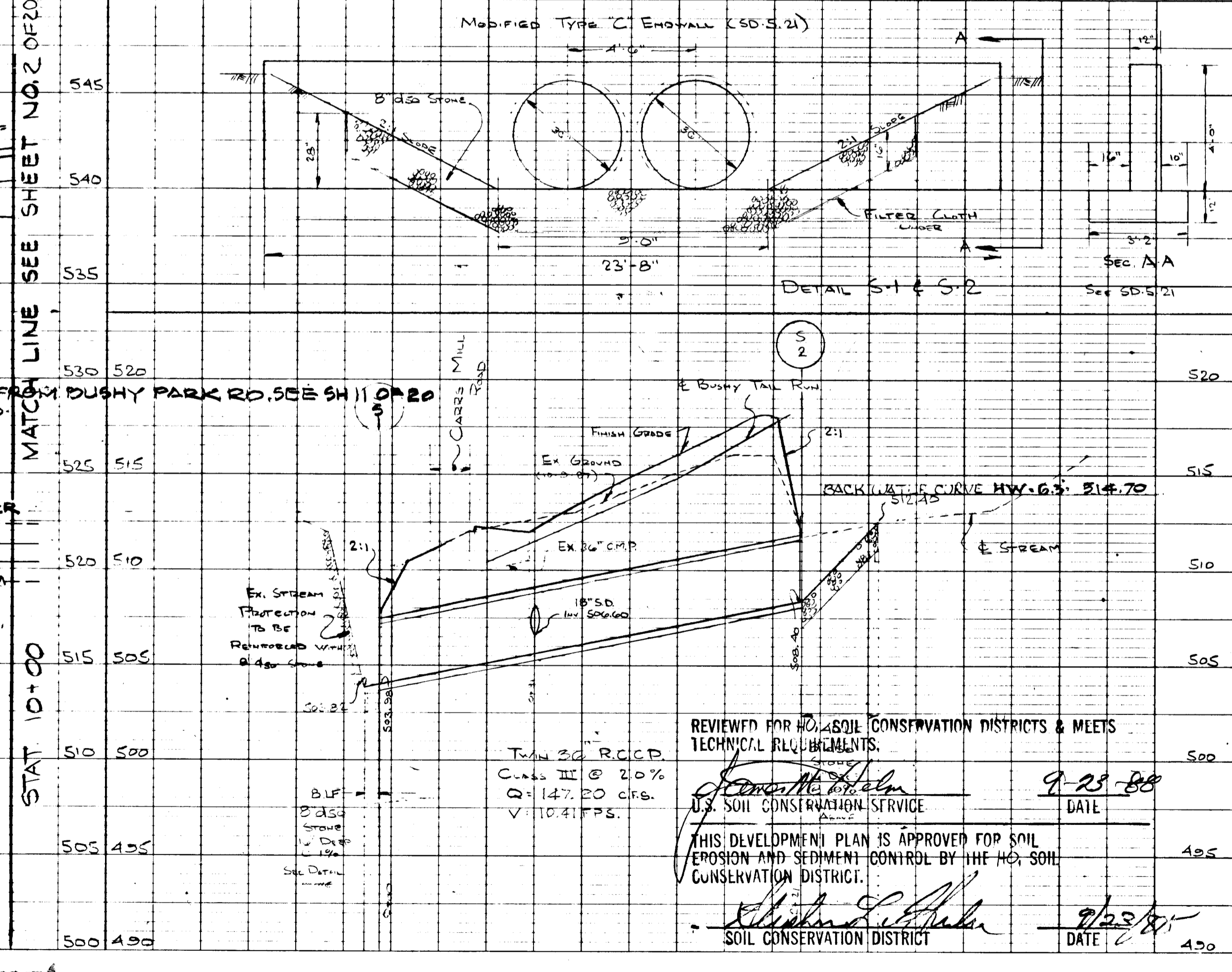
TYPICAL SECTION
 SEE HO. CO. STD. DETAIL R1.02
 SCALE: 1"=5'
 BUSHY TAIL RUN STA. 0+00 TO STA. 14+47.05
 FOXPAW TRAIL STA. 0+00 TO STA. 10+27.65

DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND THAT EROSION & SEDIMENT CONTROL IS AUTHORIZED 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 HO. SOIL CONSERVATION DISTRICT 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.

300' VC HSD=220'
 PVI STA. 2+43
 PVI EL. 519.23
 AD=6'
 MO=18'
 K=1.25
 POC=521.03



- ROAD TO BE CLOSED DURING 1ST PHASE OF CONSTRUCTION
- OBTAIN PERMITS
 - CLEAR GROUND FOR THE INSTALLATION OF PERIMETER CONTROLS.
 - INSTALL SEDIMENT CONTROL MEASURES ACCESS SITE FROM BUSHY PARK RD. SEE SH 110 OF 20
 - INSTALL TEMP. 36" CMP UNDER CARRS MILL RD. INCLUDING 20 LF STONE OUTFALL
 - EXCAVATE FOR TEMP. EARTH DITCH AS PER DRWG. 20' @ 2%
 - RE-DIRECT STREAM FLOW INTO TEMP. EARTH DITCH.
 - REMOVE EXIST. 36" CMP
 - EXCAVATE FOR AND INSTALL TWIN 36" RCCP AS PER DRWG 1 OF 20 INCLUDING STONE & IRONS.
 - AFTER CONSTRUCTION OF S-1 TO S-2 IS COMPLETE AND INSPECTED, REDIRECT STREAM INTO S-2.
 - BACKFILL TEMP. EARTH DITCH, REMOVE TEMP. 36" CMP, REPLACE PAVEMENT CARRS MILL RD.
 - STABILIZE AS REQ.



REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.
 J. M. [Signature]
 U.S. SOIL CONSERVATION SERVICE
 DATE: 9-23-88
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HO. SOIL CONSERVATION DISTRICT.
 [Signature]
 SOIL CONSERVATION DISTRICT
 DATE: 9/23/88

1300

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 [Signature] 10/10/88
 [Signature] 10-26-88
 [Signature] 10/2/88

ENGINEERS:
 JOHN C. MELLON, P.E.
 [Signature]
 PROFESSIONAL ENGINEER

DES. TRS.
 DRN. PE.
 CHK. J.S.
 DATE: 11-15-87
 ENGINEER'S CERTIFICATE:
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON THE PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HO. SOIL CONSERVATION DISTRICT.
 [Signature] 9-1-88

FOXPORT PLANTATION
 LOTS 1 THRU 21
 4" ELECTION DISTR. HOWARD CO. MD.
 SCALE: AS SHOWN
 JANUARY 15, 1988

ROAD CONSTRUCTION PLAN & PROFILES
 TEMP. CONSTRUCTION METHODS FOR INSTALLATION OF TWIN 36" RCCP CULVERT @ CARRS MILL RD. (PUBLIC ROAD)
 SCALE AS SHOWN
 SHEET 22 OF 22