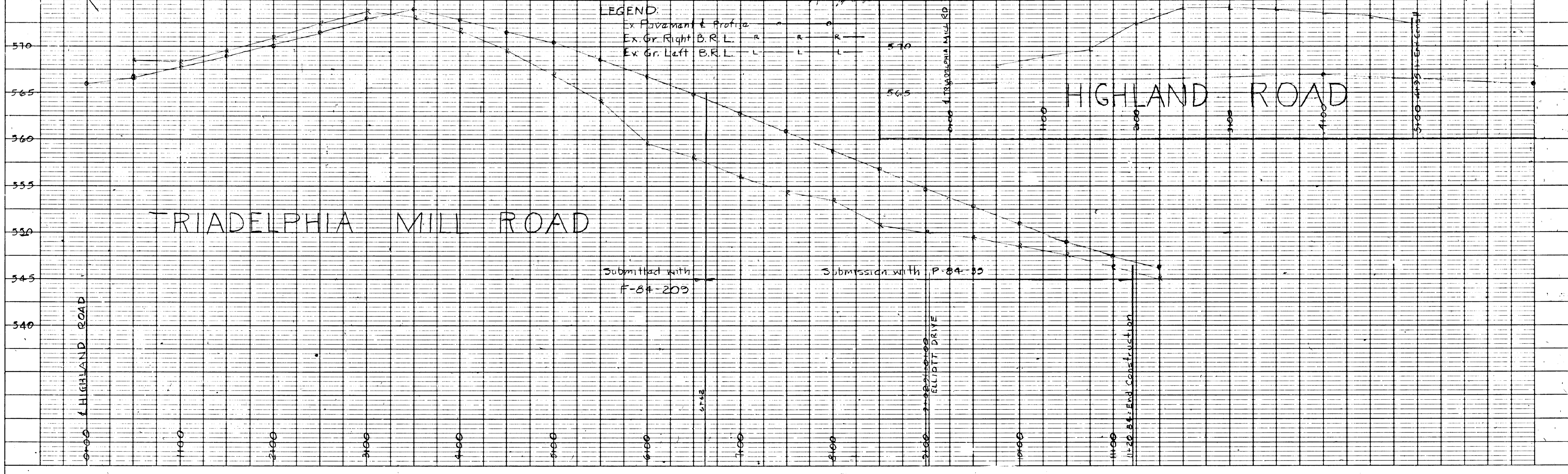
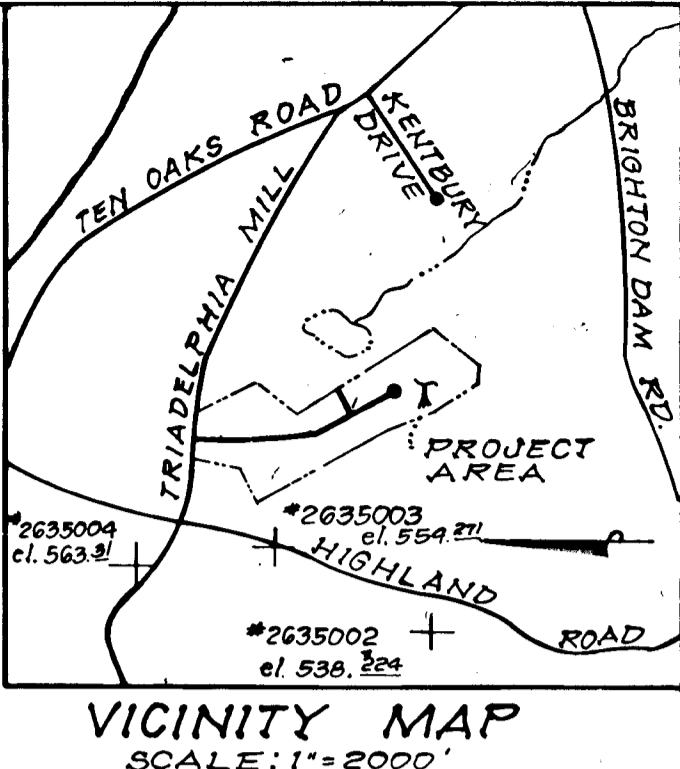
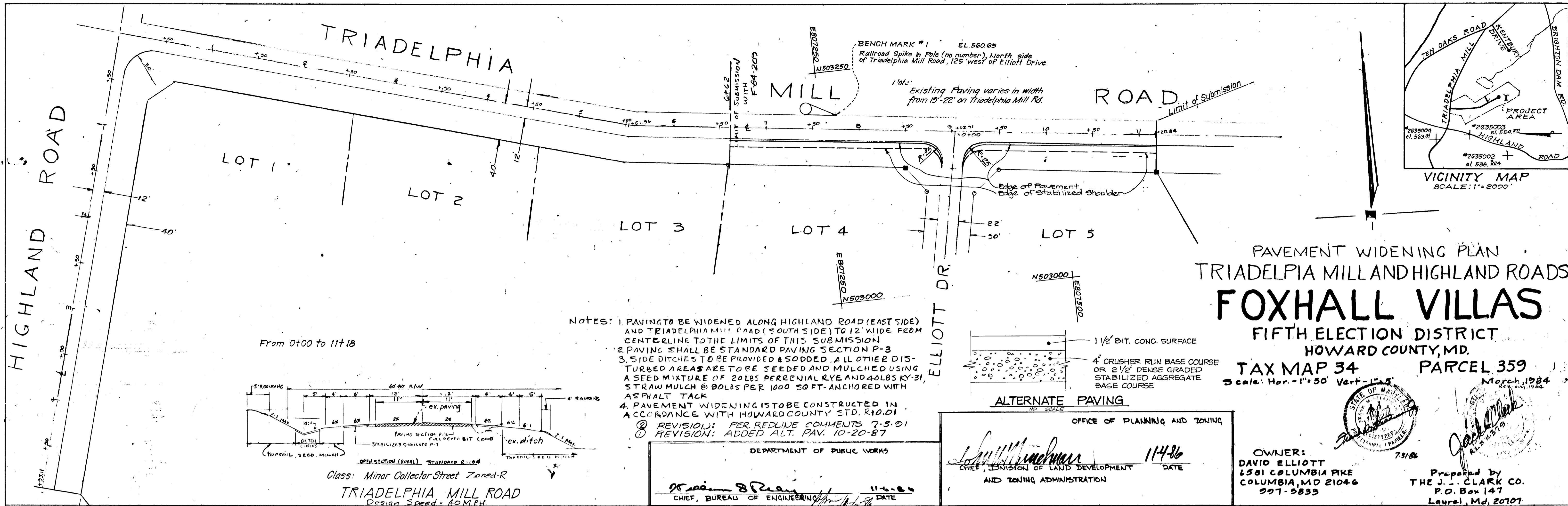


PLAN  
 SURVEYED BY  
 NOTED BY  
 ALIGNED BY  
 CHECKED BY  
 DATE

PROFILE  
 SURVEYED BY  
 NOTED BY  
 ALIGNED BY  
 CHECKED BY  
 DATE



1095

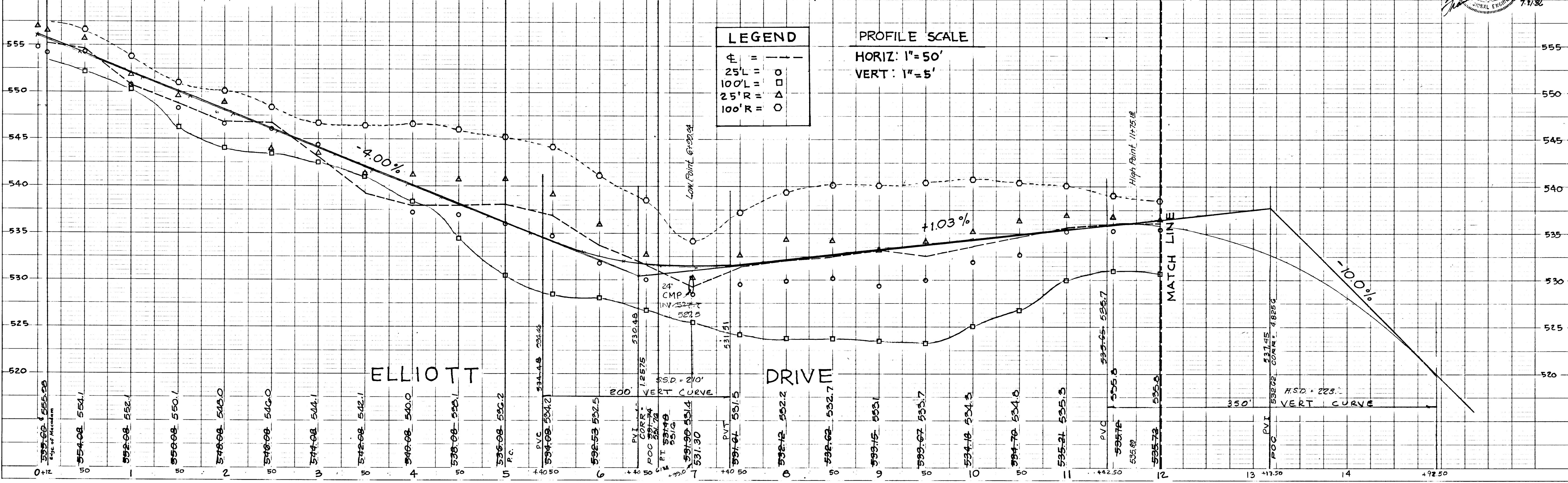
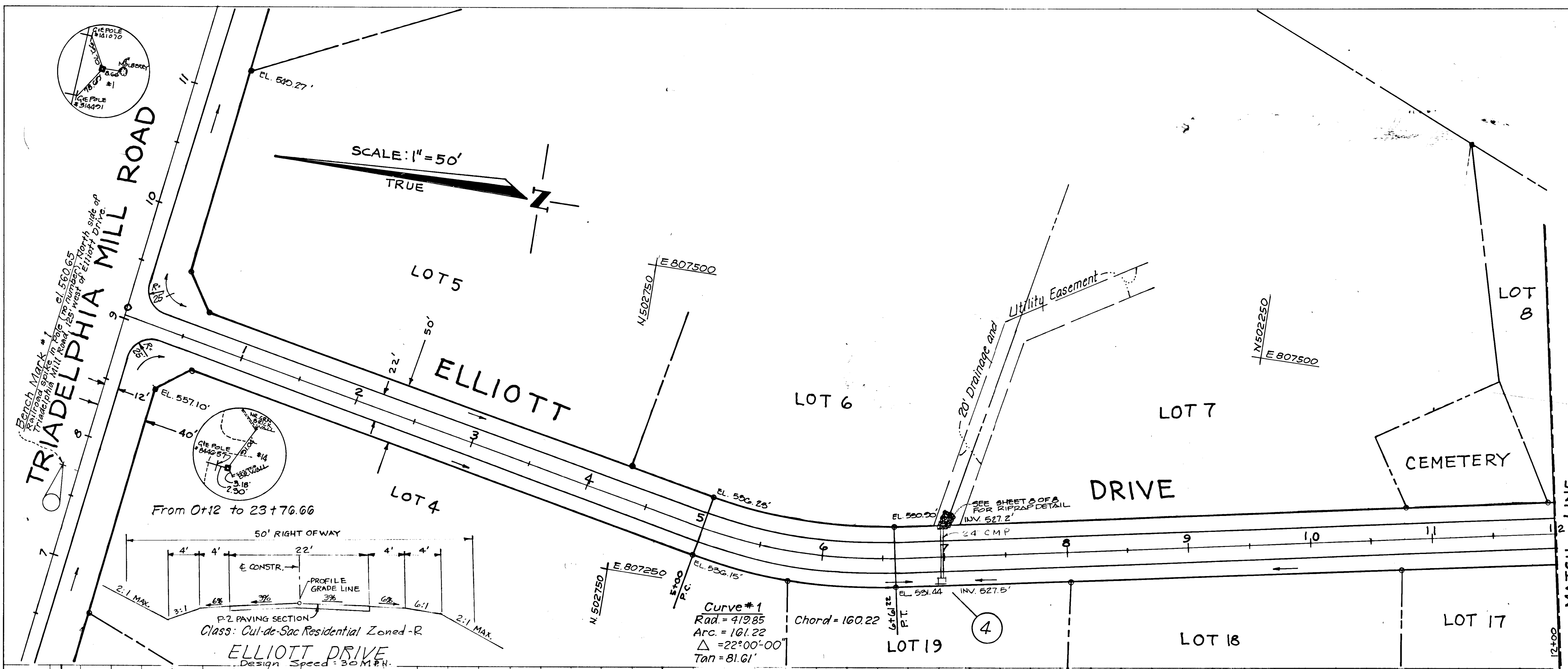
PROPOSED  
ELLIOTT DRIVE  
**FOXHALL VILLAS**  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 34 PARCEL No 899

SEPTEMBER 1985

Owner: David Elliott  
6581 Columbia Pike  
Columbia, Maryland 21046

Prepared By  
The J. E. Clark Company  
P.O. Box 147  
Laurel, Maryland 20707

DEPARTMENT OF PUBLIC WORKS  
CHIEF, BUREAU OF ENGINEERING  
OFFICE OF PLANNING AND ZONING  
AND ZONING ADMINISTRATION  
11-486



PLAN SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK ALIGNMENT CHECKED  
 R. OF WAY CHECKED  
 No.

PROFILE SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK GRADES CHECKED  
 STRUCTURE NOTATIONS CHECKED  
 No.

1095

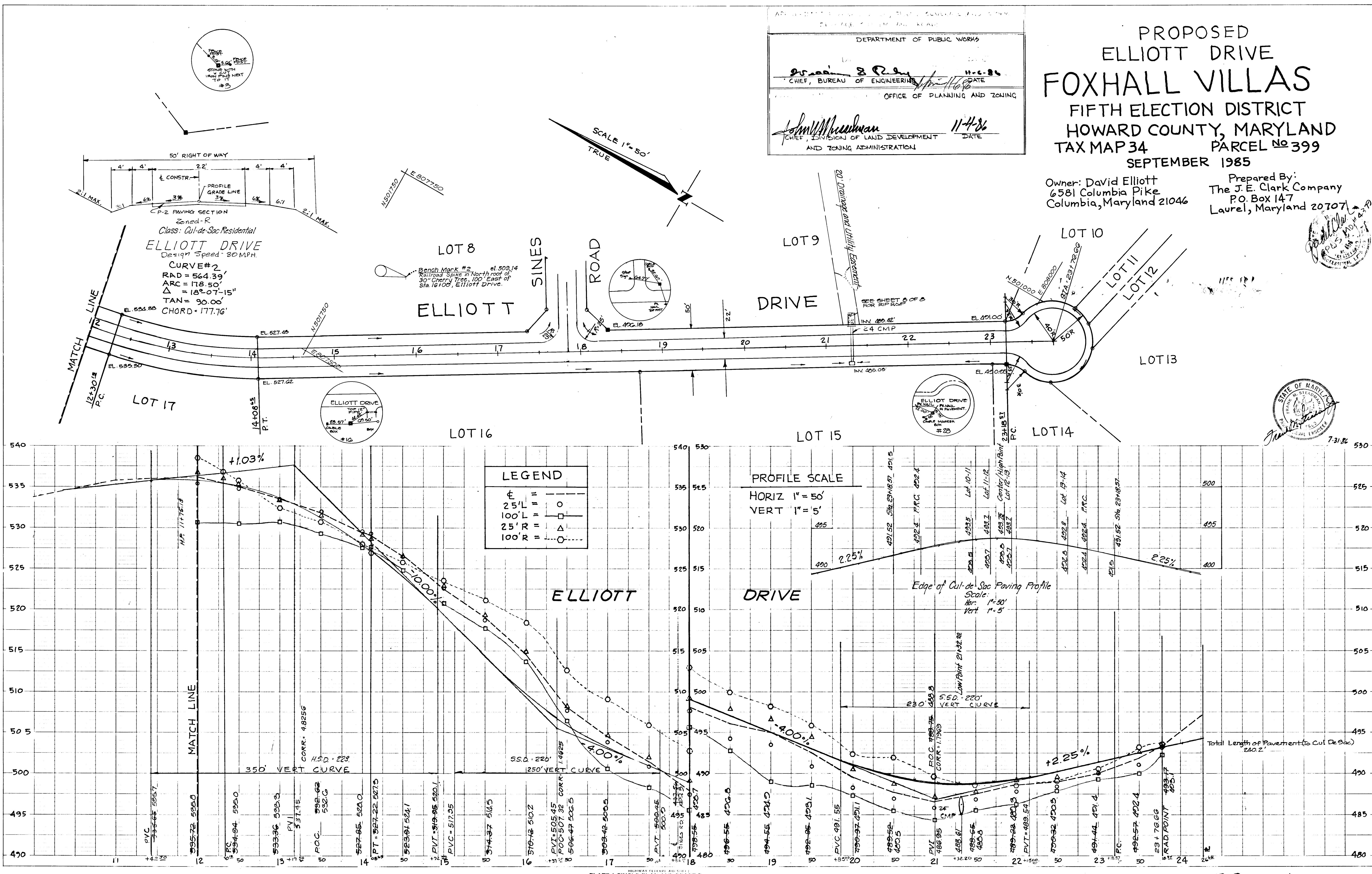
DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF ENGINEERING  
 OFFICE OF PLANNING AND ZONING  
 DATE 11-6-85  
 DATE 11-4-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

PROPOSED  
 ELLIOTT DRIVE  
**FOXHALL VILLAS**  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 34 PARCEL NO 399  
 SEPTEMBER 1985

Owner: David Elliott  
 6581 Columbia Pike  
 Columbia, Maryland 21046  
 Prepared By:  
 The J. E. Clark Company  
 P.O. Box 147  
 Laurel, Maryland 20707

PLAN SHEETED BY: DATE: 11-4-86  
 NOTE BOOK PLANNING CHECKED: 11-4-86  
 No. 11-4-86

PROFILE SHEETED BY: DATE: 11-4-86  
 NOTE BOOK GRADES CHECKED: 11-4-86  
 No. 11-4-86  
 STRUCTURE NOTATIONS CHECKED:



1095

PLATT 1-SINGLE PLAN AND PROF II-FULL LINE  
 PRINTED IN U.S.A.

# PROPOSED SINES ROAD FOXHALL VILLAS

FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 34 PARCEL No 399  
SEPTEMBER 1985

Owner: David Elliott  
6581 Columbia Pike  
Columbia, Maryland 21046

Prepared By:  
The J. E. Clark Company  
P.O. Box 147  
Laurel, Maryland 20707



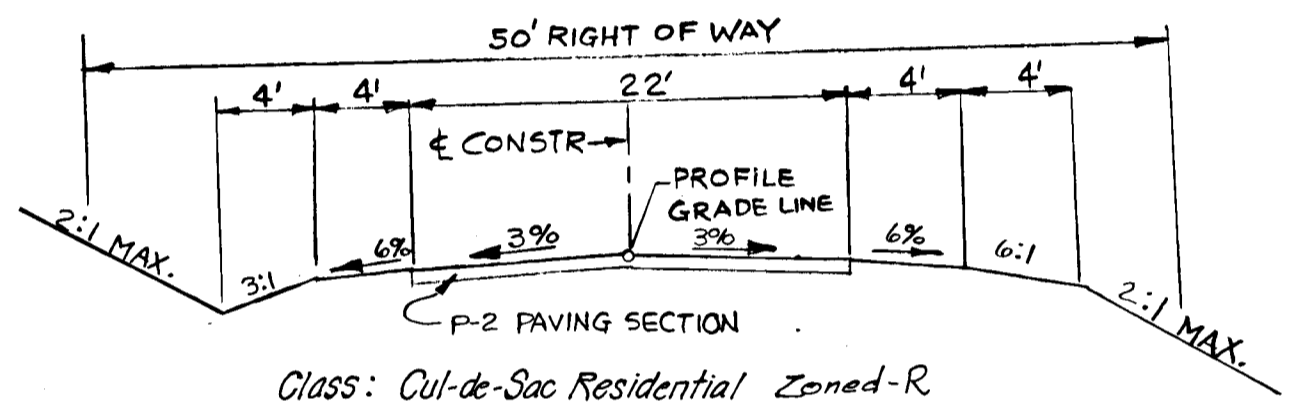
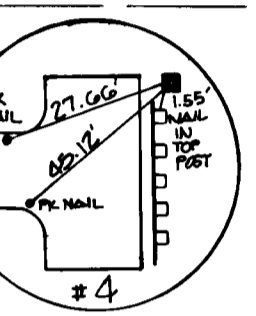
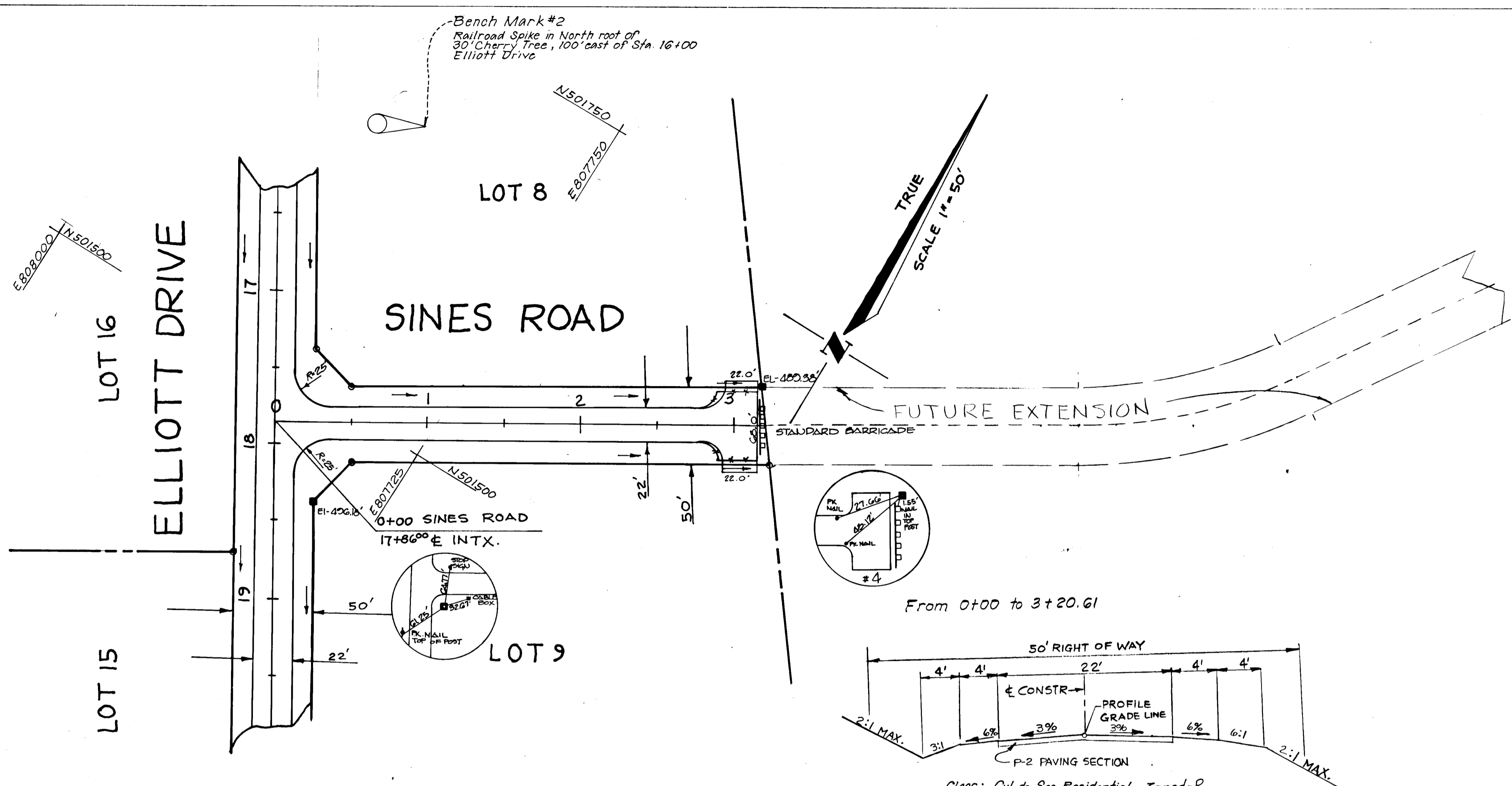
DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATIVE

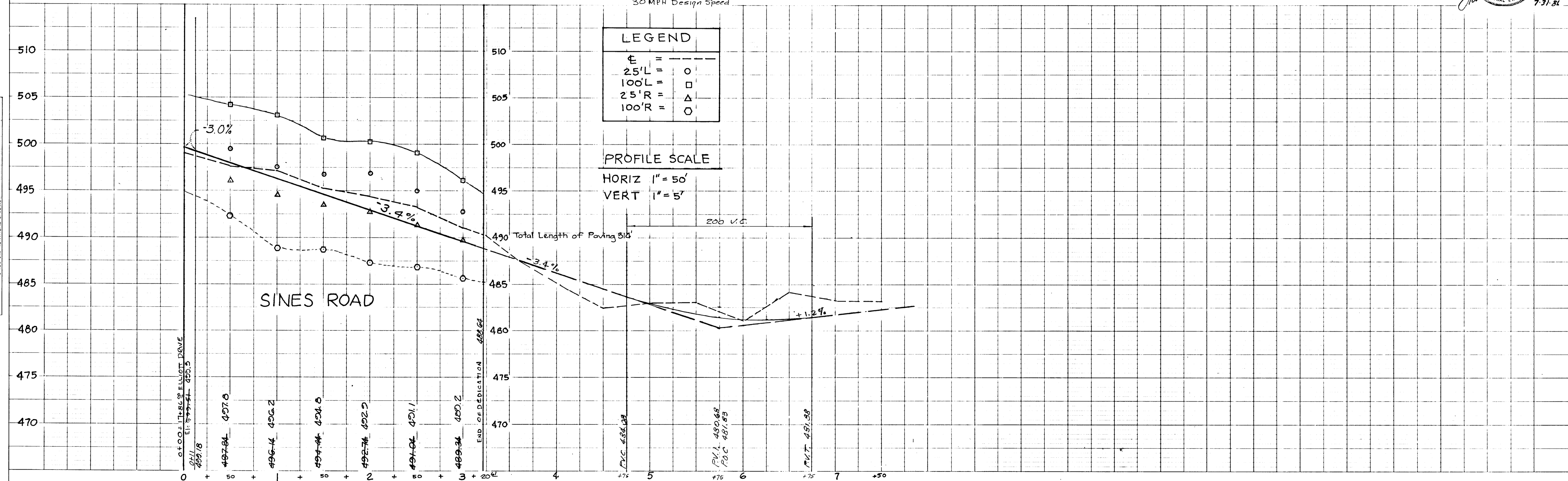
11-4-86



Class: Cul-de-Sac Residential Zoned-R  
SINES ROAD  
30 MPH Design Speed

LEGEND	
±	=
25'L	= ○
100'L	= □
25'R	= △
100'R	= ◊

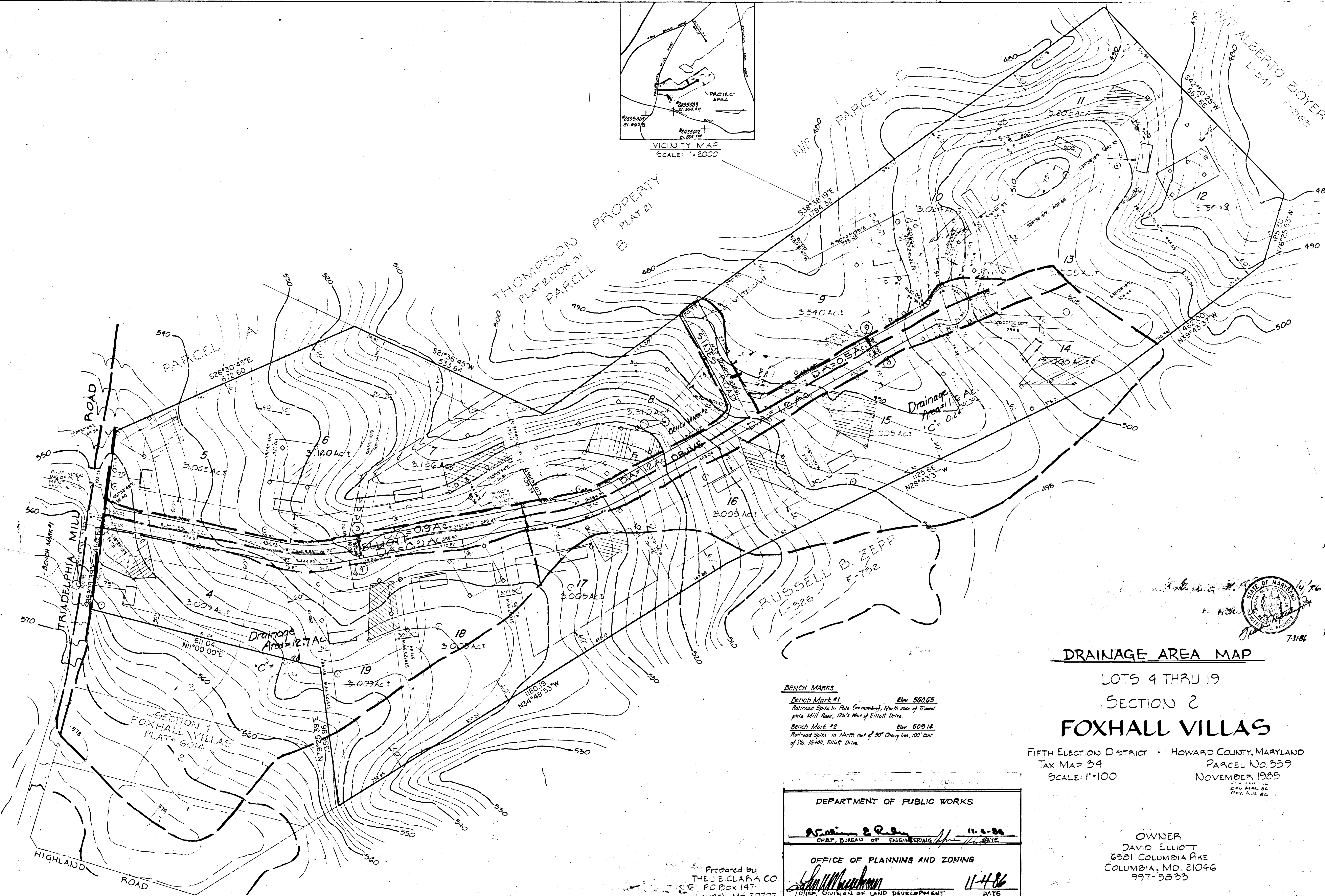
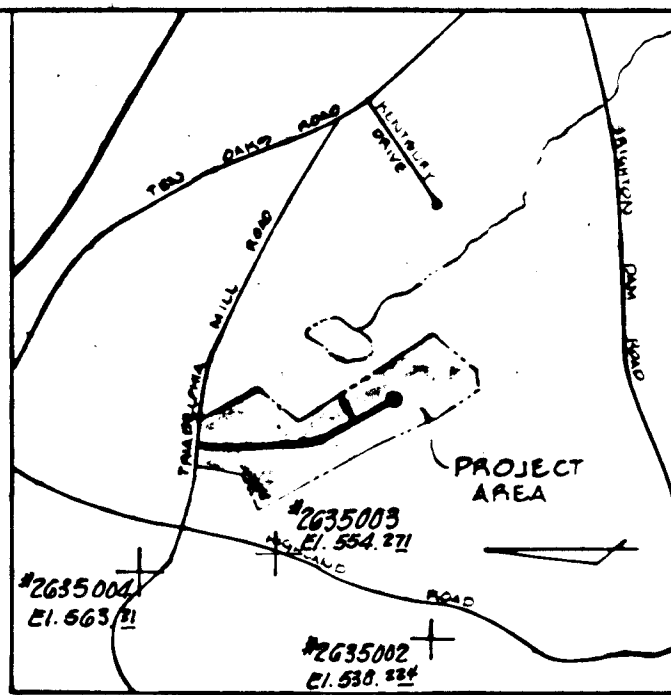
PROFILE SCALE  
HORIZ 1" = 50'  
VERT 1" = 5'



PLAN SURVEYED BY DATE  
NOTE BOOK No. CHECKED BY  
No. OF WAY CHECKED

PROFILE SURVEYED BY DATE  
NOTE BOOK No. CHECKED BY  
No. STRUCTURE NOTATIONS CHECKED

1095



**DRAINAGE AREA MAP**  
 LOTS 4 THRU 19  
 SECTION 2  
**FOXHALL VILLAS**

FIFTH ELECTION DISTRICT - HOWARD COUNTY, MARYLAND  
 TAX MAP 34 PARCEL No. 359  
 SCALE: 1" = 100'  
 NOVEMBER, 1985  
 REV. MAR. 86  
 REV. AUG. 86

**BENCH MARKS**  
 Bench Mark #1 Elev. 500.65  
 Railroad Spikes in Pole (no number), North side of Triadelphia Mill Road, 125' West of Elliott Drive.  
 Bench Mark #2 Elev. 509.14  
 Railroad Spikes in North root of 30' Cherry Tree, 100' East of Sta. 16+00, Elliott Drive.

DEPARTMENT OF PUBLIC WORKS

*Richard E. Quinn* 11-6-86  
 CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING

*John W. ...* 11-4-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

OWNER  
 DAVID ELLIOTT  
 6581 COLUMBIA PIKE  
 COLUMBIA, MD. 21046  
 997-5833

Prepared by  
 THE J. E. CLARK CO.  
 P.O. Box 147  
 LAUREL, MD. 20707

1095

**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. (192-2427)
- 2) ALL VEGETATION 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 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER DUMPS AND ALL SLOPE GREATER THAN 3:1, 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) AND 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	51.1 ACRES
AREA DISTURBED	2.77 ACRES
AREA TO BE REEVED OR PAVED	4.71 ACRES
AREA TO BE VEGETATIVELY STABILIZED	3.67 ACRES
TOTAL CUT	2,500 CU. YDS
TOTAL FILL	2,500 CU. YDS
OFFSITE WASTE/BORROW AREA LOCATION	N/A
- 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.

**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

**SEEDING PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

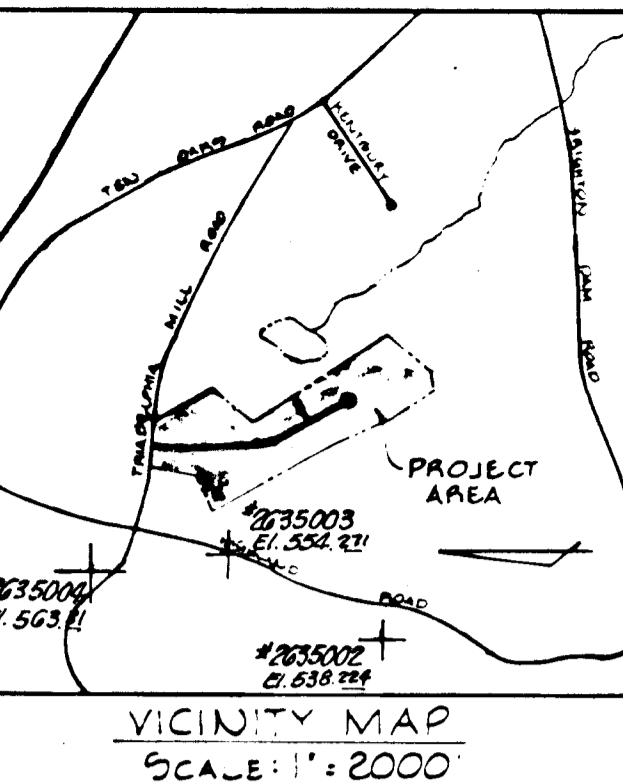
**SOIL AMENDMENTS:** IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULE:

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (2 lbs/1000 sq ft) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sq ft) BEFORE SEEDING. HARROW OR DISC INTO THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 600 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 lbs/1000 sq ft).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (2 lbs/1000 sq ft) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 lbs/1000 sq ft) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

**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 (0.5 lbs/1000 sq ft) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN SPRING; OPTION (2) USE SOD. OPTION (3) SEED WITH 10 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

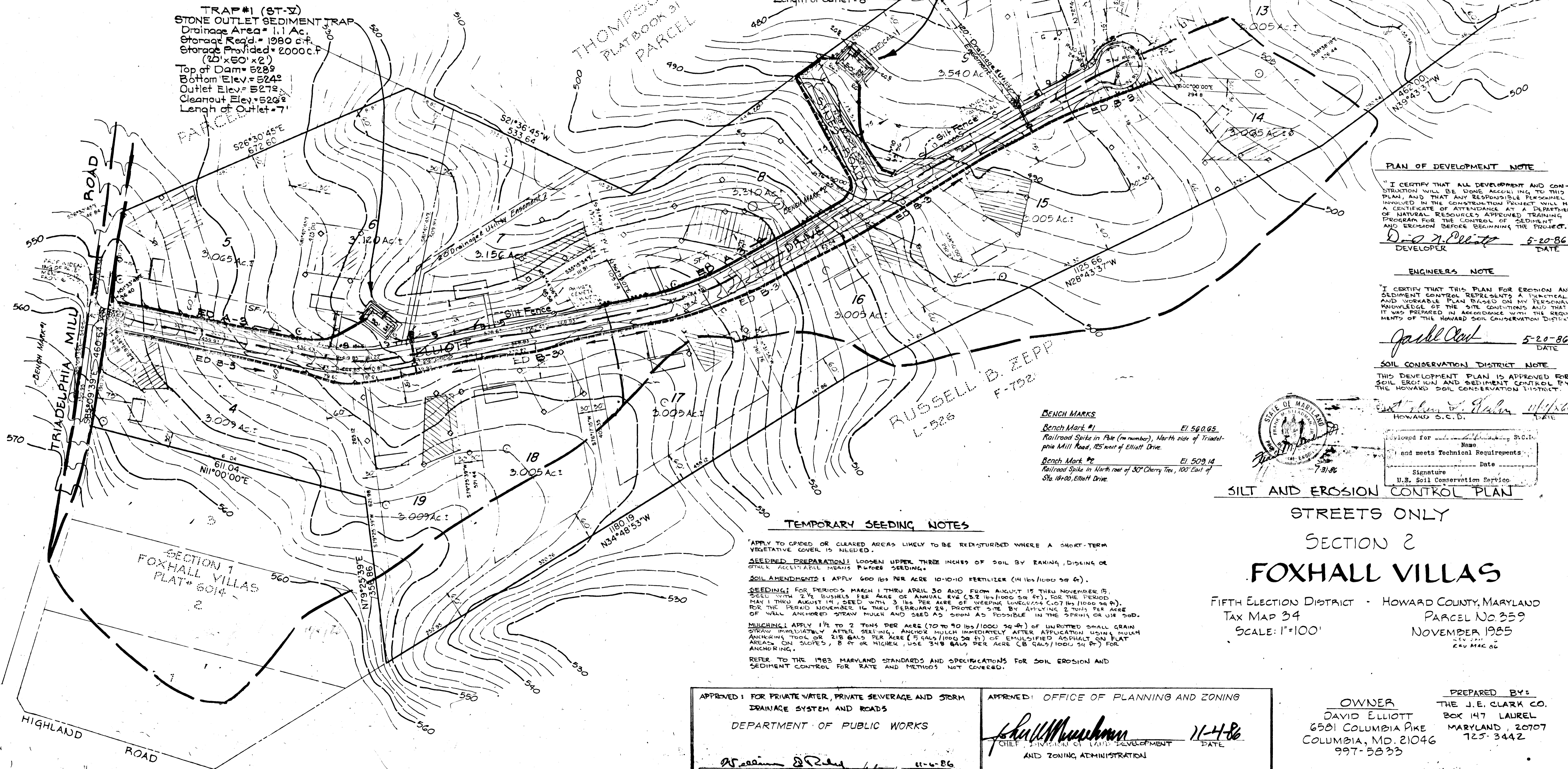
**MULCHING:** APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/2 GALS PER ACRE (5 GALS/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 3 1/2 GALS PER ACRE (8 GALS/1000 sq ft) FOR ANCHORING.

**MAINTENANCE:** INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



**TRAP #1 (ST-V)**  
**STONE OUTLET SEDIMENT TRAP**  
 Drainage Area = 1.1 Ac.  
 Storage Req'd. = 1980 c.f.  
 Storage Provided = 2000 c.f.  
 (22' x 50' x 2')  
 Top of Dam = 528.9  
 Bottom Elev. = 524.2  
 Outlet Elev. = 527.2  
 Cleanout Elev. = 526.2  
 Length of Outlet = 7'

**TRAP #2 (ST-V)**  
**STONE OUTLET SEDIMENT TRAP**  
 Drainage Area = 1.2 Ac.  
 Storage Required = 2160 c.f.  
 Storage Provided = 2200 c.f.  
 (22' x 50' x 2')  
 Top of Dam = 586.5  
 Bottom Elev. = 582.5  
 Outlet Elev. = 585.5  
 Cleanout Elev. = 583.5  
 Length of Outlet = 8'



**PLAN OF DEVELOPMENT NOTE**

"I 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 CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

*D. J. Platt* 5-20-86  
 DEVELOPER DATE

**ENGINEER'S NOTE**

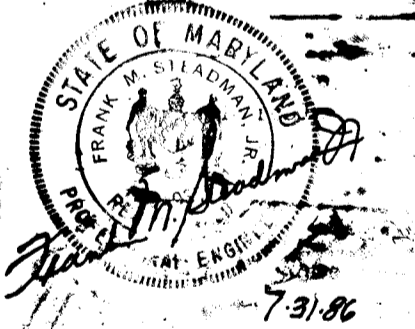
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*Jackie Clark* 5-20-86  
 DATE

**SOIL CONSERVATION DISTRICT NOTE**

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

*John S. Palmer* 5/20/86  
 HOWARD S.C.D. DATE



Developed for \_\_\_\_\_, Inc.  
 Name  
 and meets Technical Requirements  
 Date \_\_\_\_\_  
 Signature \_\_\_\_\_  
 U.S. Soil Conservation Service

**SILT AND EROSION CONTROL PLAN**

STREETS ONLY  
 SECTION 2  
**FOXHALL VILLAS**  
 FIFTH ELECTION DISTRICT - HOWARD COUNTY, MARYLAND  
 TAX MAP 34 PARCEL NO. 359  
 SCALE: 1"=100'  
 NOVEMBER 1985  
 REV. JAN. 86  
 REV. MAR. 86

**TEMPORARY SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED 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.

**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 BUSHELS PER ACRE OF ANNUAL RYE (3.2 lbs/1000 sq ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 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 2 1/2 GALS PER ACRE (5 GALS/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 3 1/2 GALS PER ACRE (8 GALS/1000 sq ft) FOR ANCHORING.

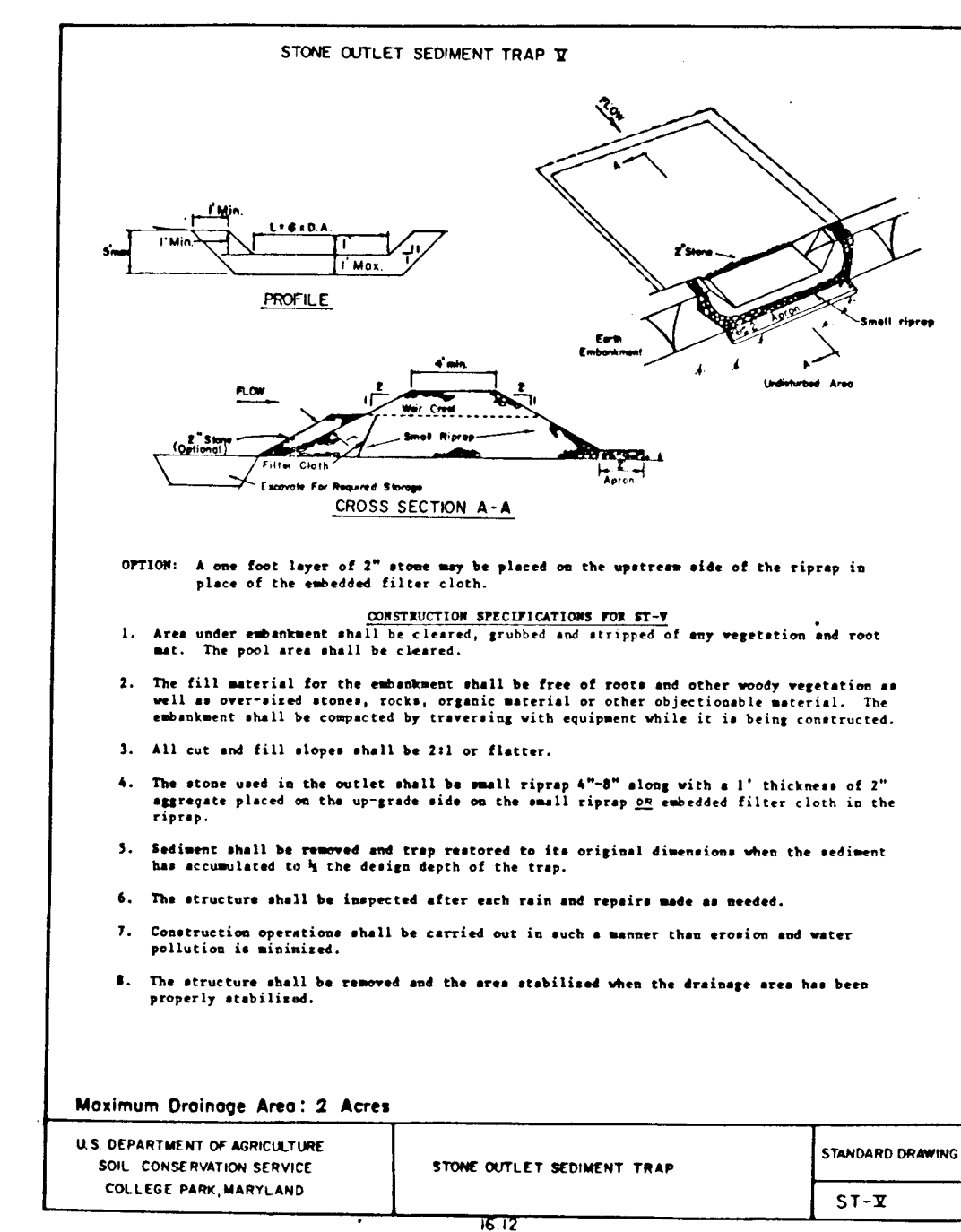
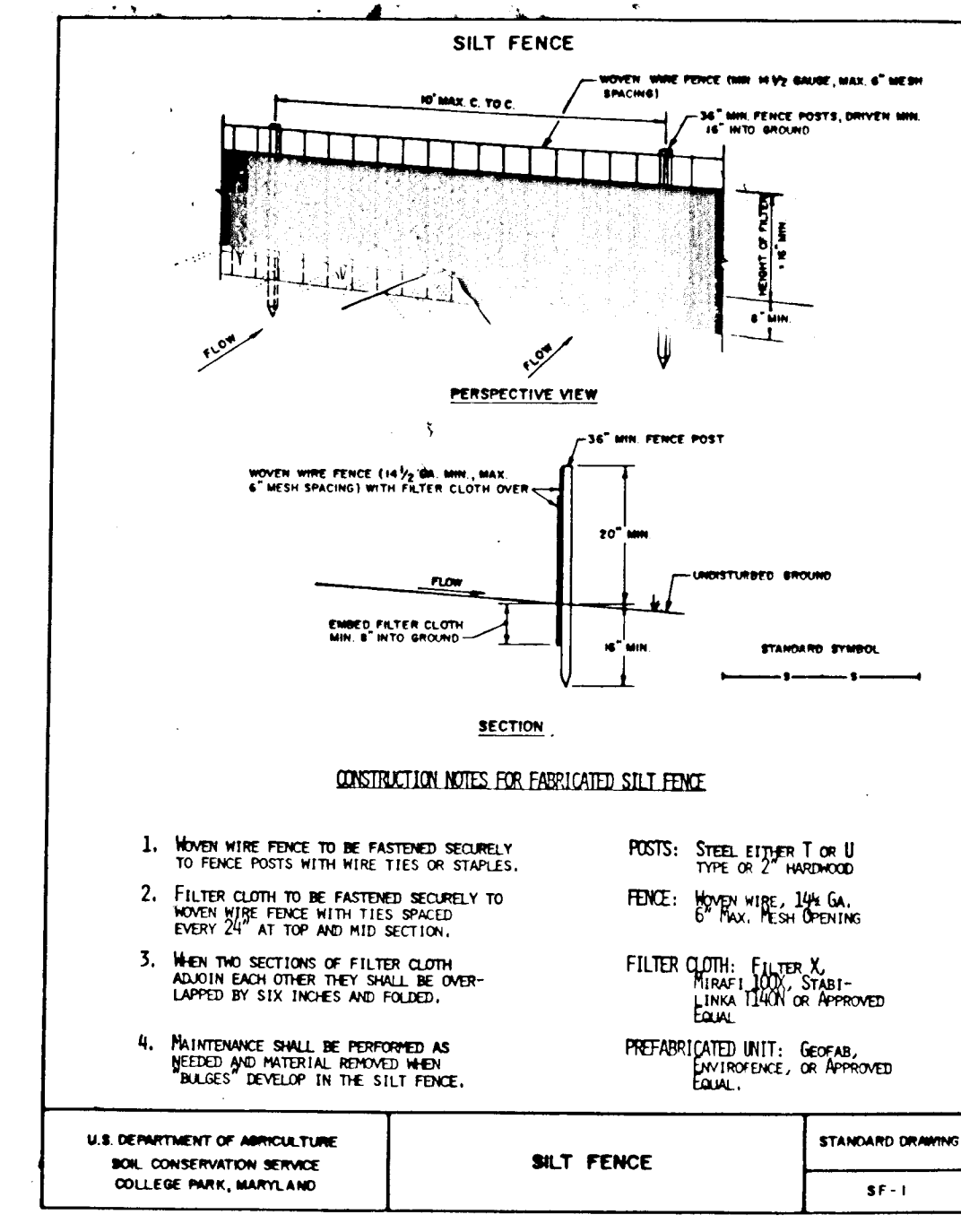
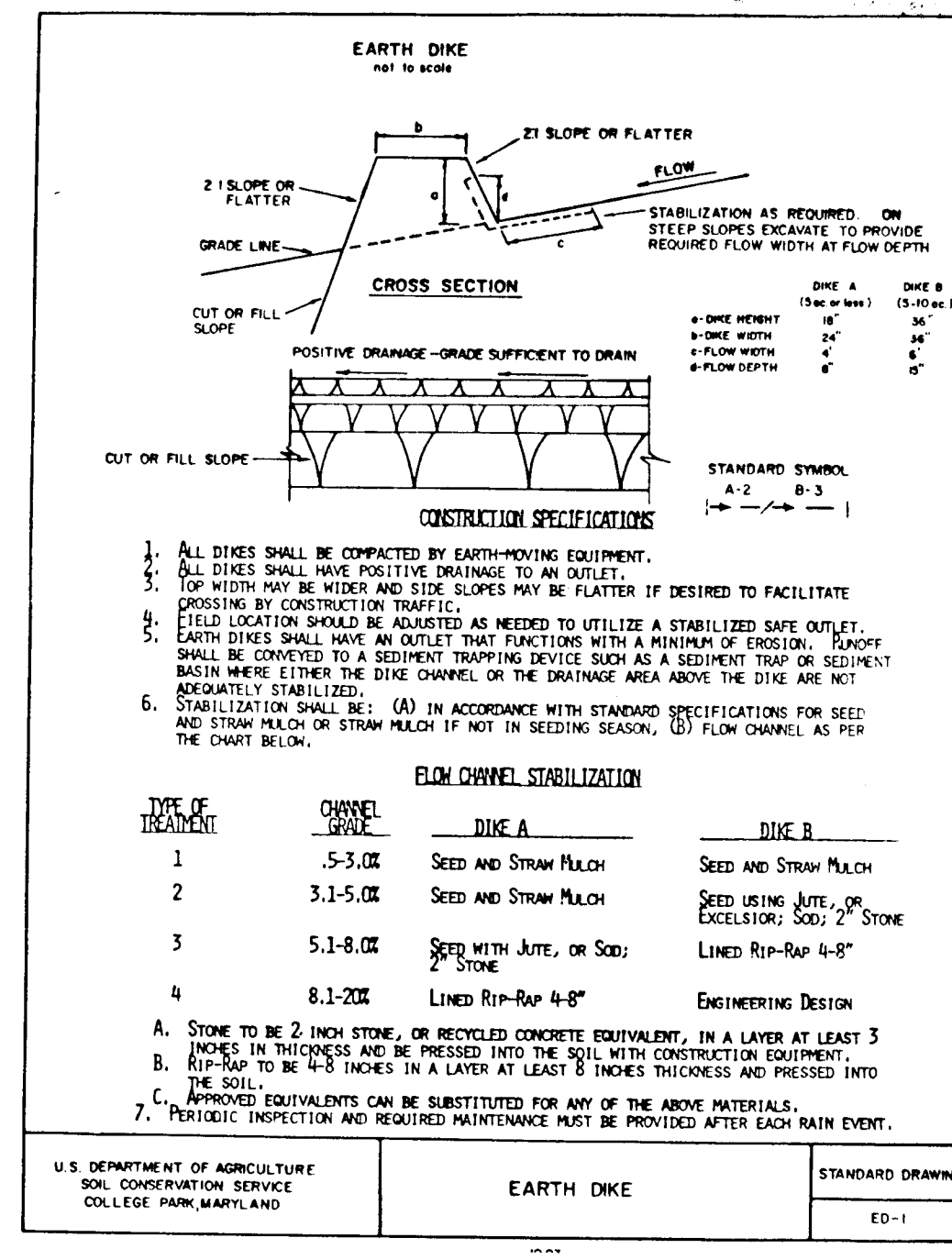
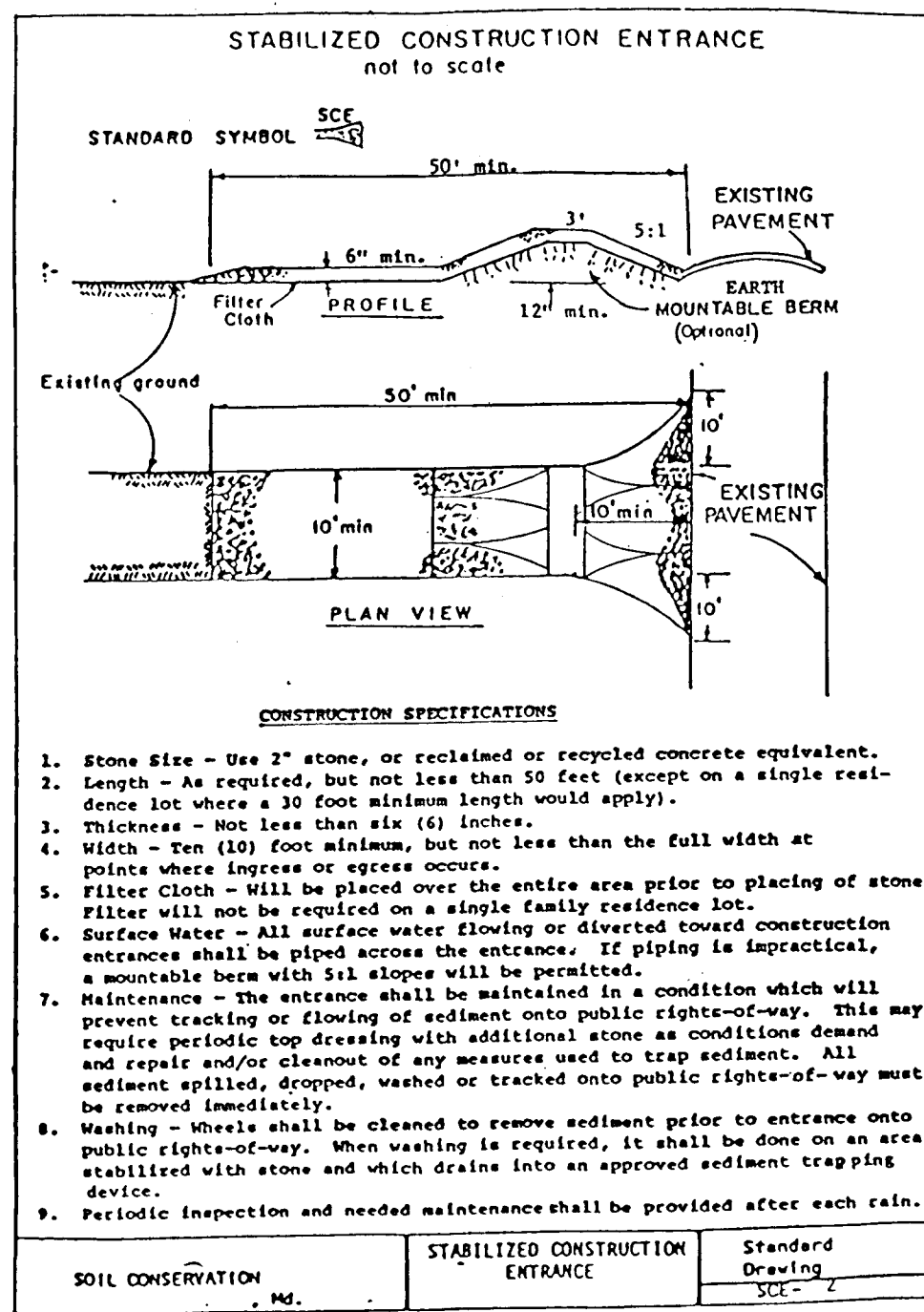
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

APPROVED: FOR PRIVATE WATER, PRIVATE SEWERAGE AND STORM DRAINAGE SYSTEM AND ROADS  
 DEPARTMENT OF PUBLIC WORKS  
*William J. Reilly* 11-4-86  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: OFFICE OF PLANNING AND ZONING  
*Jackie Clark* 11-4-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

OWNER  
 DAVID ELLIOTT  
 6581 COLUMBIA PIKE  
 COLUMBIA, MD. 21046  
 997-5833

PREPARED BY:  
 THE J.E. CLARK CO.  
 BOX 147 LAUREL  
 MARYLAND, 20707  
 725-3442



**TYPE "K" INLET**

1' MIN. H. TOP

1' MIN. TOP WIDTH

1' MIN. SPACING BETWEEN STONES

ELEVATION

ISOMETRIC VIEW

GENERAL NOTES

- STEEL - 3/8" BARS 6" C.C. - VERTICAL
- CONCRETE - 3" MIN. H. & W. NO. 8
- FOR SINGLE OPENING CLOSE ONE END
- WATER-RESISTANT FACES 1/4" PER FOOT CHAMFER-INSIDE CORNERS 90° x 90°

FOR GRATE DETAILS SEE FIGURE 418

QUANTITIES FOR BUTTERS ARE NOT INCLUDED IN TABLE

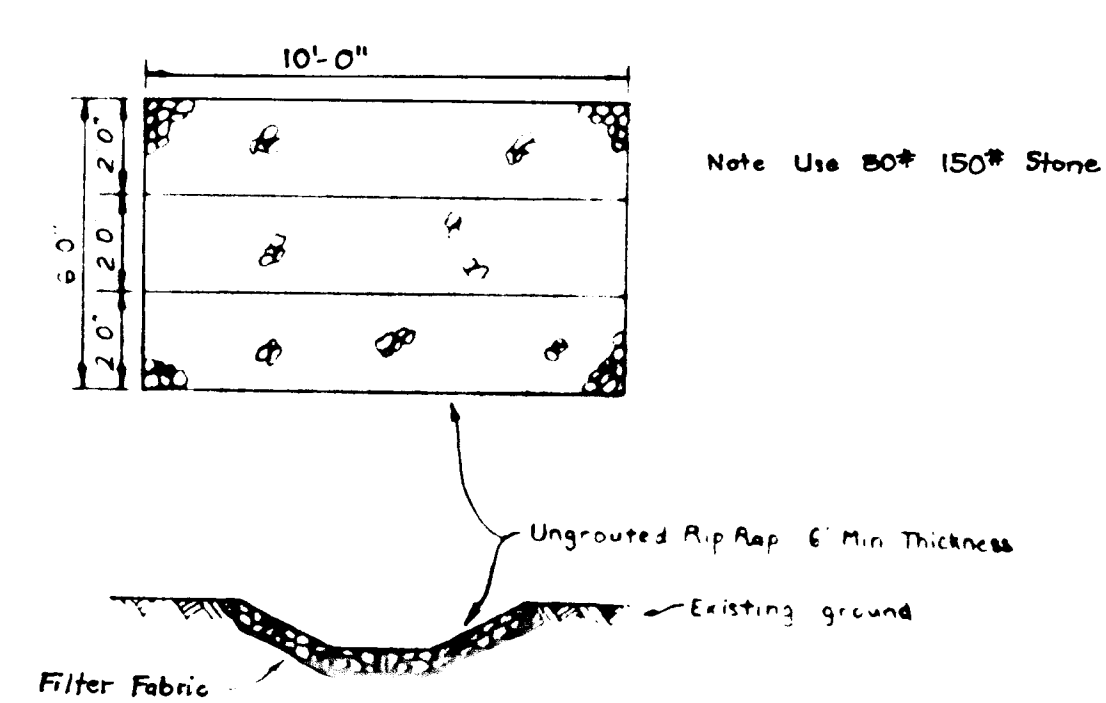
INLET MAY BE CONCRETE OR BRICK

WHEN 'W' EXCEEDS 2'-6" PROVIDE STD. MANHOLE STEPS

ITEM	QUANTITY	UNIT
1. 3/8" BARS 6" C.C. - VERTICAL	1.00	LB.
2. CONCRETE - 3" MIN. H. & W. NO. 8	1.00	CU. YD.
3. FOR SINGLE OPENING CLOSE ONE END	1.00	EA.
4. WATER-RESISTANT FACES 1/4" PER FOOT CHAMFER-INSIDE CORNERS 90° x 90°	1.00	EA.

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
COLLEGE PARK, MARYLAND

STANDARD DRAWING  
TYPE "K" INLET  
ST-X



**PLAN OF DEVELOPMENT NOTE**

I 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 BEGINS BEGINNING THE PROJECT.

David M. Elliott  
DEVELOPER  
5-20-86  
DATE

**ENGINEERS NOTE**

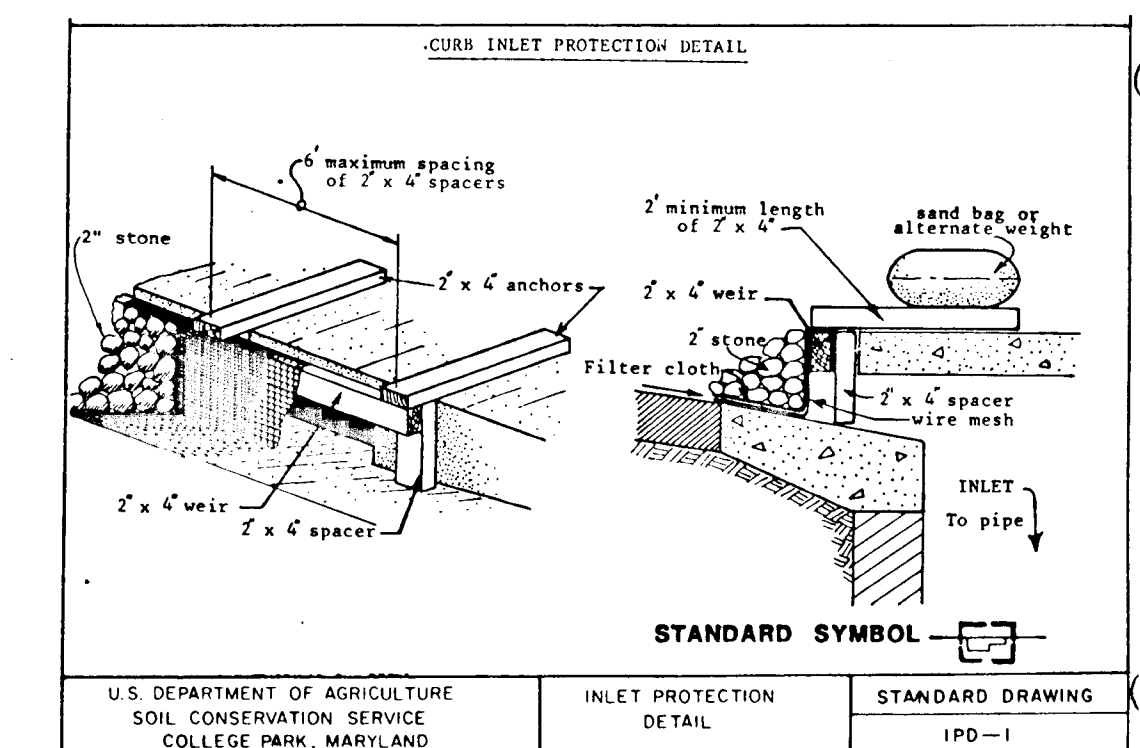
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRELIMINARY AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Joseph Clark  
5-20-86  
DATE

**SOIL CONSERVATION DISTRICT NOTE**

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

Stephen L. Hahn  
11/14/86  
DATE



**STANDARD AND SPECIFICATIONS FOR STORM DRAIN INLET PROTECTION**

**Definition**

Filter cloth installed around inlets in the form of a fence or across an opening, thereby reducing sediment content of sediment laden water.

**Purpose**

To prevent sediment laden water from entering a storm drain system through inlets.

**Conditions Where Practice Applies**

This practice shall be used where the drainage area to an inlet is disturbed, it is not possible to temporarily divert the storm drain outfall into a sediment trapping device and waterlogging of inlets is not advisable. It is not to be used in place of sediment trapping devices. This practice may be used in conjunction with storm drain diversion to help prevent alteration of pipes installed with a low slope angle.

**Construction Specifications**

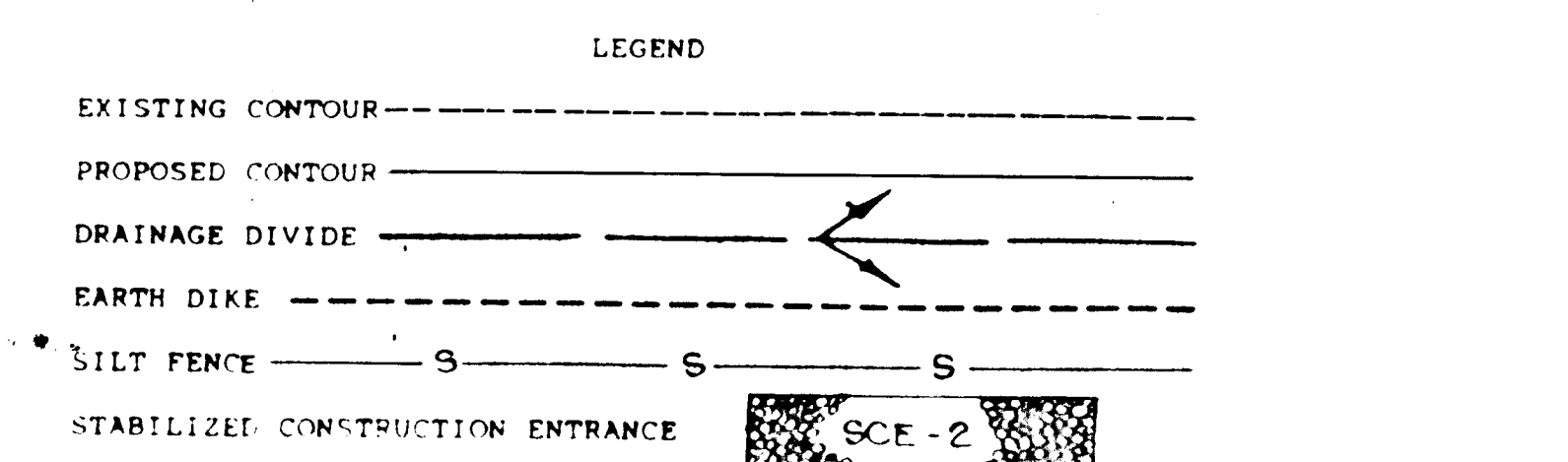
- Materials
  - Wooden frame is to be constructed of 2" x 4" construction grade lumber.
  - Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.
  - Filter cloth must be of a type approved for this purpose; resistant to sunlight with seven six, 600, knots, to allow sufficient passage of water and removal of sediment.
  - Stone is to be 2" in size and clean, since fines would clog the cloth.

**Curb Inlet Protection.**

- Attach a continuous piece of wire mesh (30' min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
- Place a piece of approved filter cloth (40-85 g/m<sup>2</sup>) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
- Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (see 6' sketch).
- Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
- The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
- Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
- This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
- Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes diverting flow into inlet.

**SEQUENCE OF CONSTRUCTION**

- Construct Stabilized Construction Entrance.....1 day
- Construct Earth Dikes crossing Elliott Drive to protect S.D. Construction.....1 day
- Provide Silt Fence as shown between Earth Dikes at S.D. flared end sections.....1 day
- Construct S.D. as shown to include temporary CMP & Rip Rap end section. Provide inlet protection at structure #4 as shown .....1 week
- Construct Earth Dikes along West side of Elliott Drive, as shown, to direct water to temporary 18" CMP's. Remove existing earth dike as necessary.....1 week
- Install silt fence and earth dikes along East side of Elliott Drive and along Sines Road as shown and construct stone outlet sediment traps.....1 week
- Clear road right of way.....1 week
- Grade street and provide inlet protection at structure #8 as fill reaches inlet throat elevation.....3 weeks
- Construct paving and grade to provide positive drainage to inlets. Stabilize all remaining disturbed areas.....3 weeks
- Remove sediment control devices with the approval of the sediment control inspector.....1 day



Approved for \_\_\_\_\_  
and meets Technical Requirements  
Signature \_\_\_\_\_  
U.S. Soil Conservation Service

STATE OF MARYLAND  
DEPARTMENT OF PUBLIC WORKS  
10-30-86

**SILT & EROSION CONTROL DETAILS**  
**FOXHALL VILLAS**  
FIFTH ELECTION DISTRICT - HOWARD COUNTY, MD.  
TAX MAP 34 PARCEL NO. 589  
NO SCALE MAY 1986

APPROVED FOR PRIVATE WATER, PRIVATE SEWERAGE AND STORM DRAINAGE SYSTEM AND ROADS  
DEPARTMENT OF PUBLIC WORKS

Richard B. Reidy  
CHIEF, BUREAU OF ENGINEERING  
11-24-86  
DATE

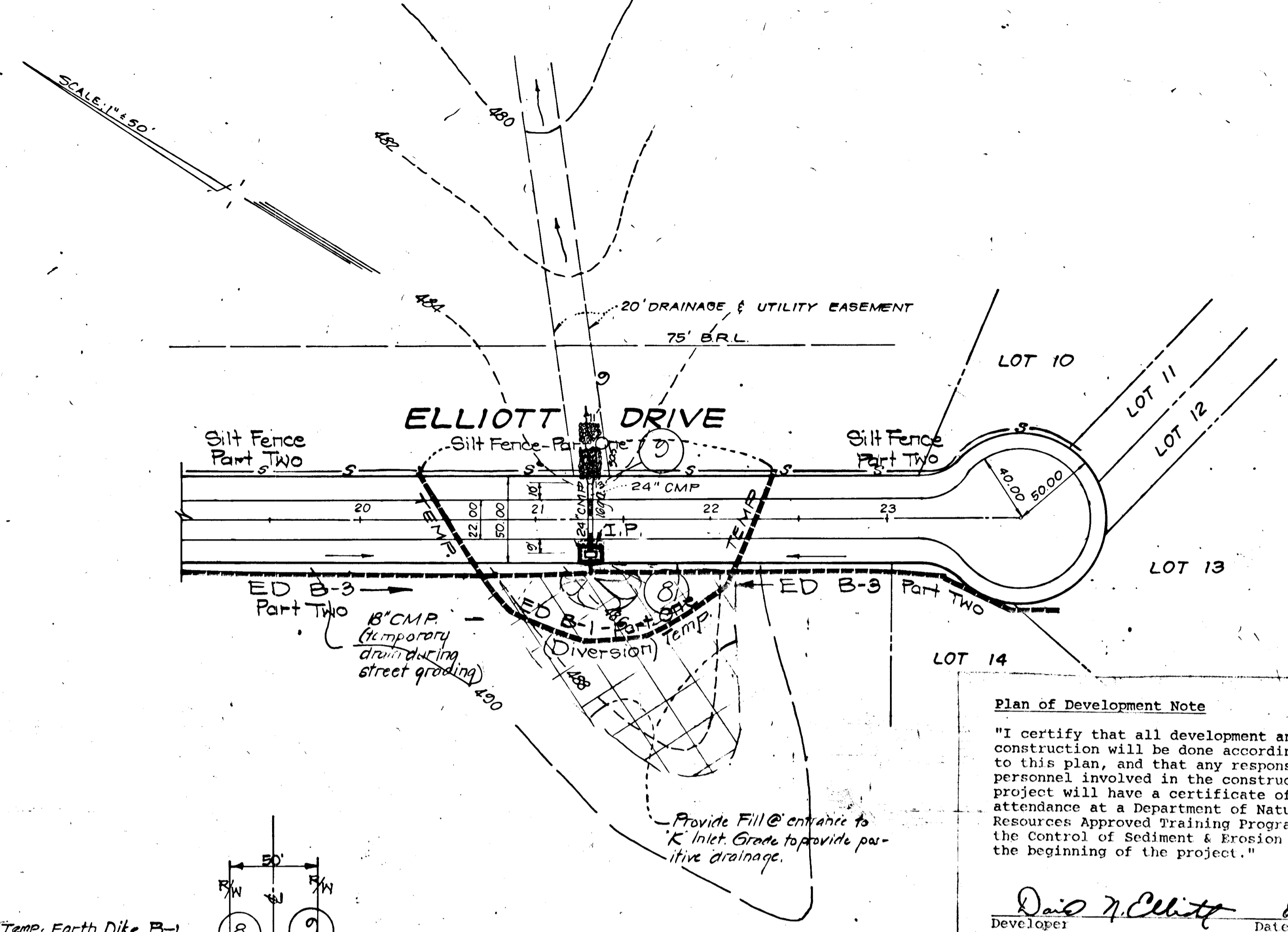
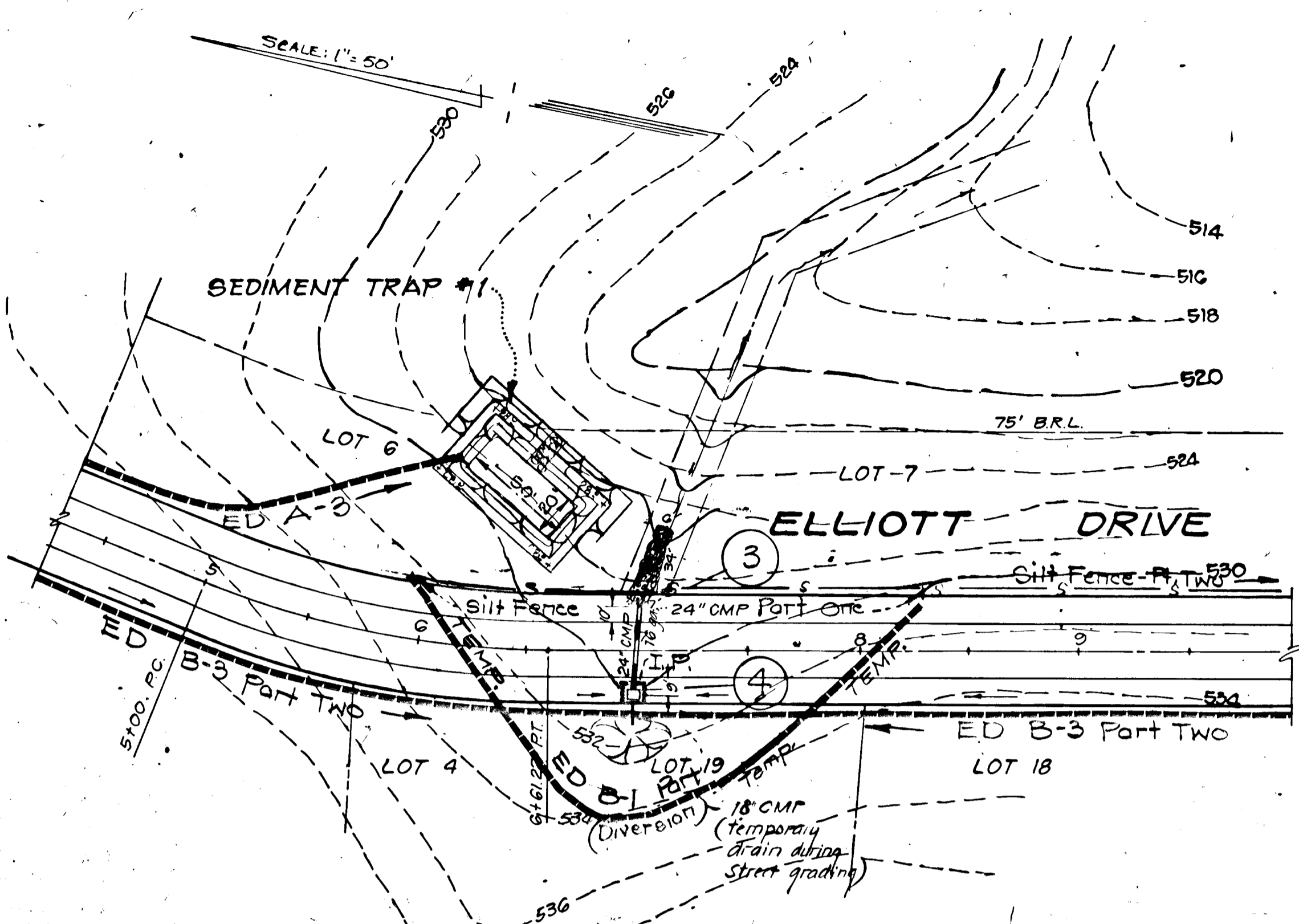
APPROVED OFFICE OF PLANNING AND ZONING

John W. MacArthur  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
11-24-86  
DATE

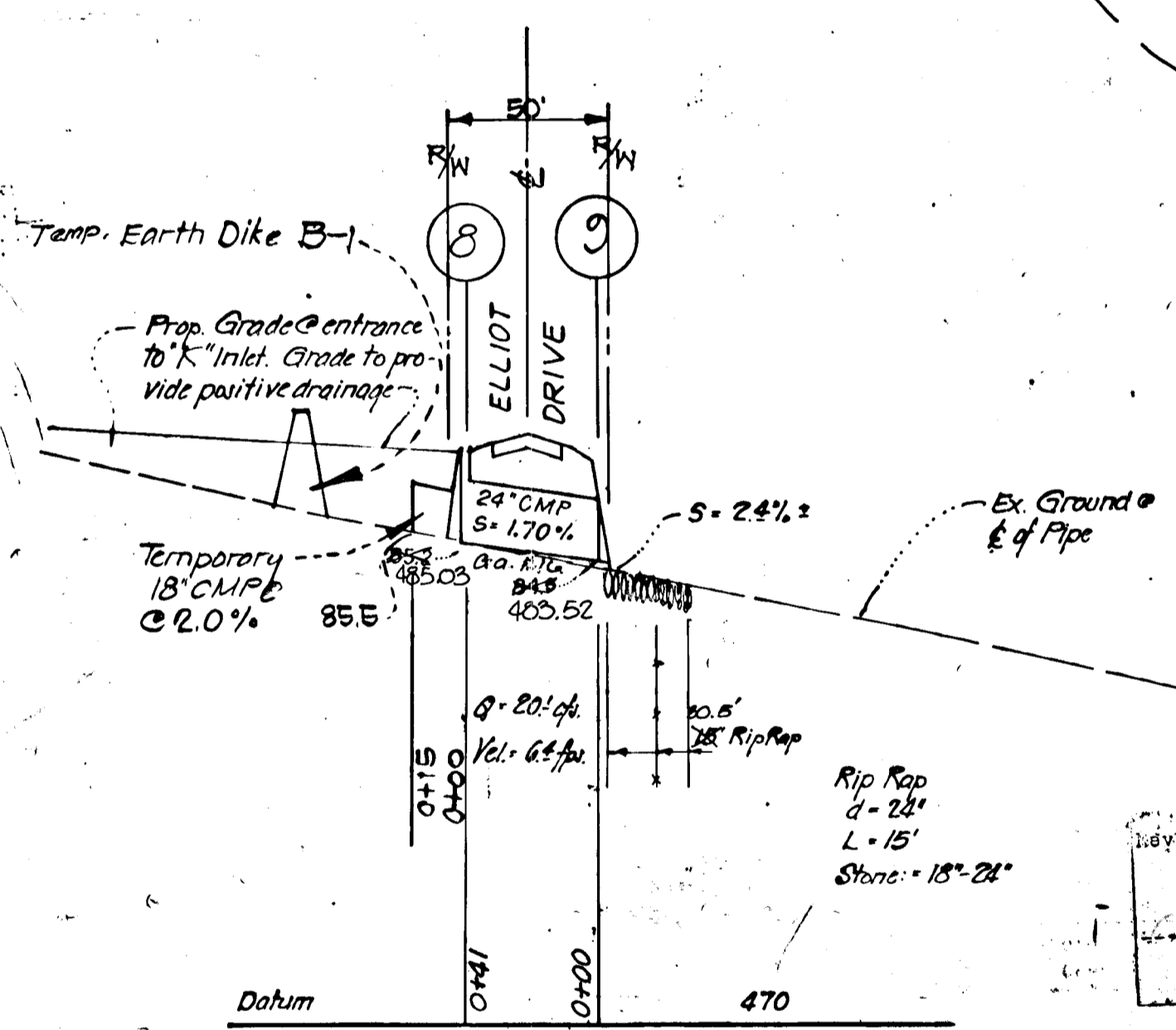
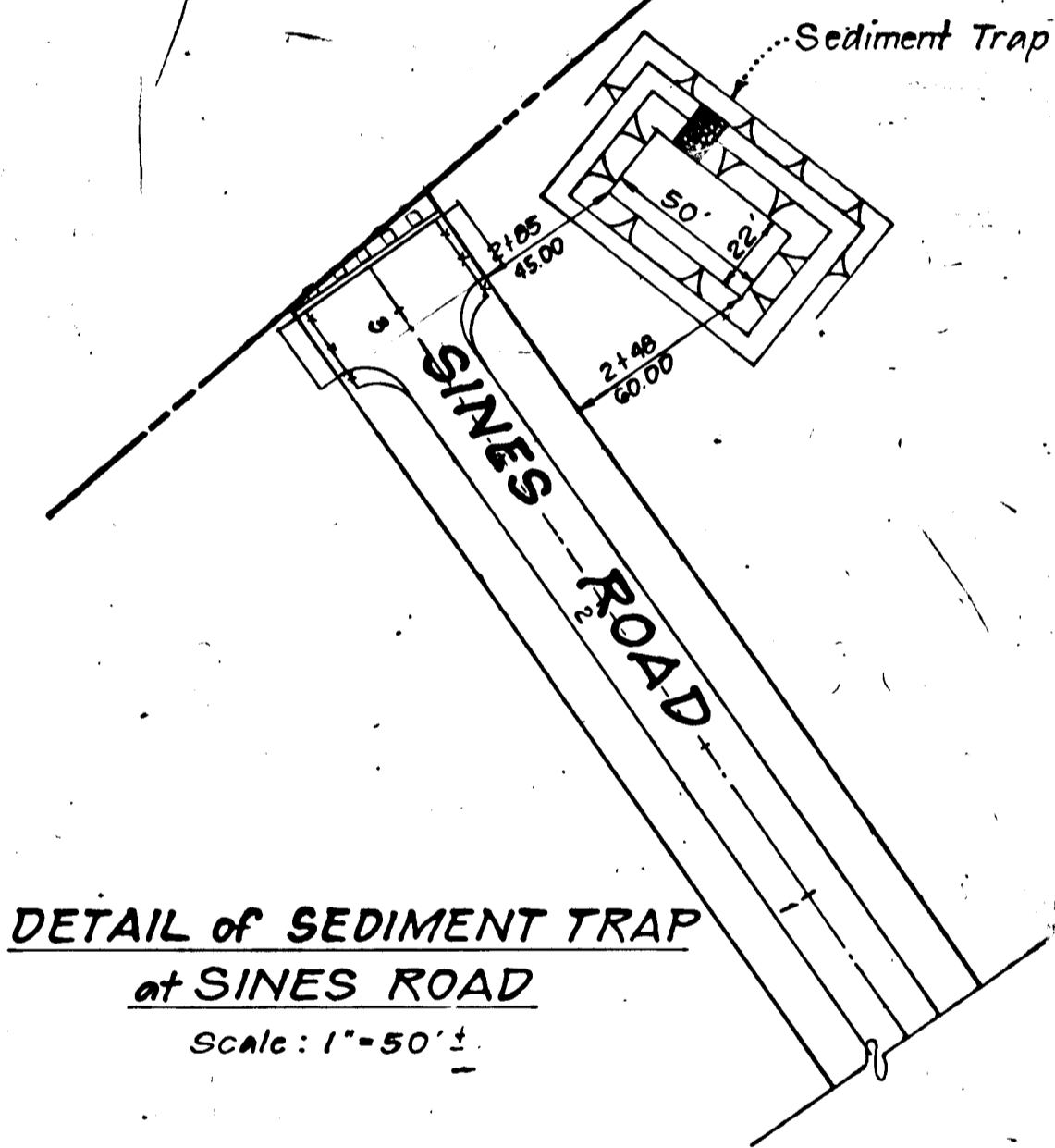
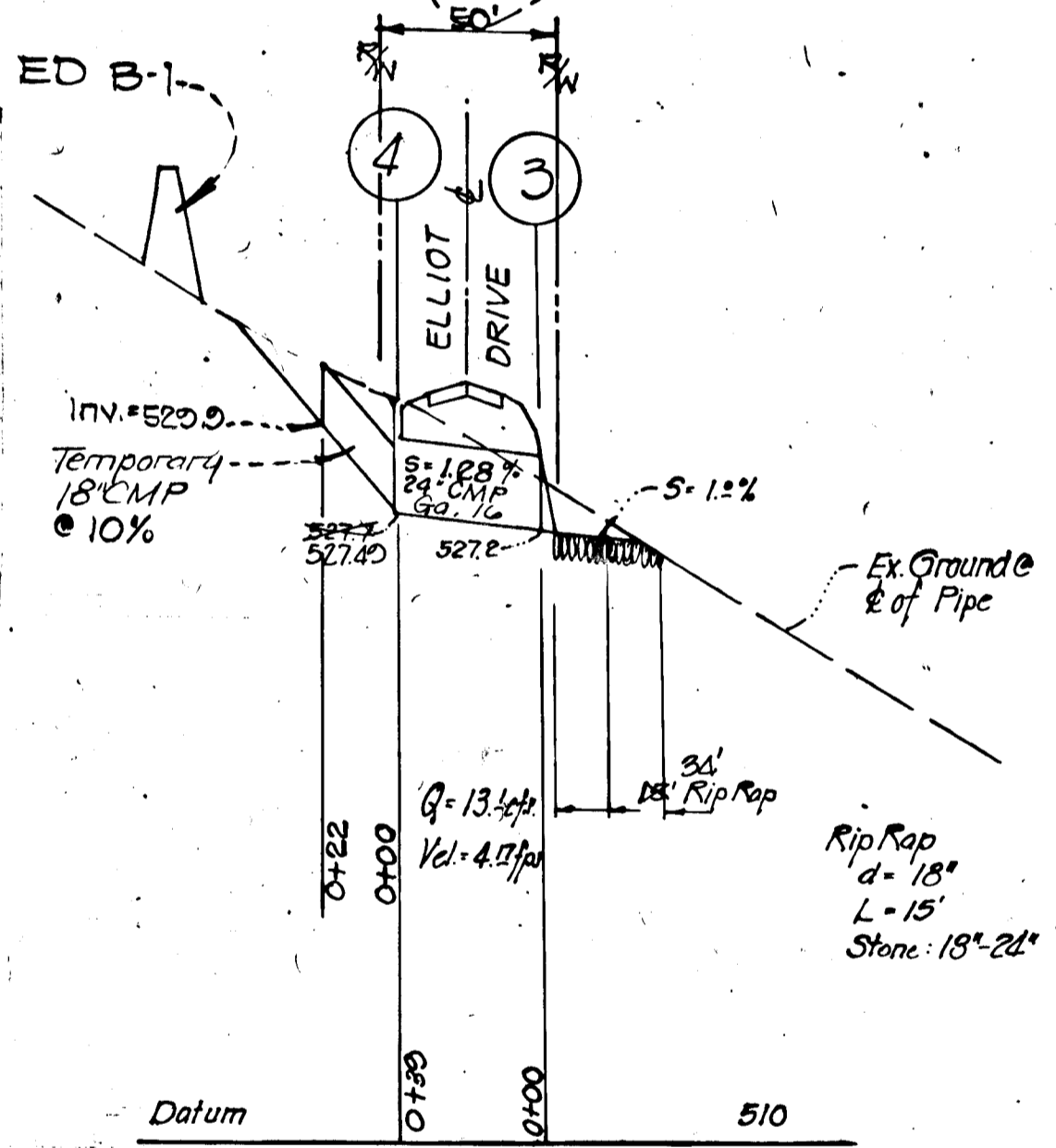
OWNER: DAVID ELLIOT  
6551 COLUMBIA PIKE  
COLUMBIA, MARYLAND  
21046

PREPARED BY:  
THE UELCLARK COMPANY  
RD BOX 147  
LAUREL, MARYLAND 20707

Sheet 2 of 3



- GENERAL NOTES**
- All work shall be performed in accordance with Howard County Design Manual Vol. IV, Details and Specifications for Construction.
  - All Utility Companies shall be notified 48 hours in advance of construction.
  - All Inlets shall be Howard County Standards unless otherwise shown.
  - Storm Drain Trenches within road rights-of-way shall be backfilled and compacted in accordance with Howard County Standard Specifications.
  - Temporary compacted 18" high earth fill diversion dikes shall be constructed about the lips of fill slopes on the R.O.W. concurrently with the initial grading and directed to undisturbed sod areas at the end of each day.
  - Contractor to notify the Howard County Department of Inspections and Permits at least 3 days before starting work shown on these drawings, telephone no. 997-2436.
  - All disturbed slope areas to be stabilized as soon as grading is completed.
  - All reinforced concrete for storm drain structures shall have a minimum of 28 days strength of 3,500 p.s.f.
  - All swales and slopes shall be permanently seeded.
  - Traffic control devices and their installation shall be in accordance with the manual on uniform traffic control devices, 1981 Revised Edition.
  - Poly-filter-X or equal shall be placed under all stone RipRap, (full width and length of stone).
  - Stone for RipRap shall be as specified on the drawings. All RipRap shall be unpaired unless otherwise noted.
  - Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans:  
 State Highway Administration - 531-5533  
 Baltimore Gas & Electric Co. - 685-0123  
 Chesapeake & Potomac Tel. Co. - 725-9976



**STORM DRAIN PROFILES**

SCALE: HORIZ: 1"=50'  
VERT: 1"=5'

**SIDE DITCH SCHEDULE**  
 Standard side ditch with 5% slopes to be provided Triadelphia Mill Road Sta. 0+50 to 11+00 right side, Elliott Drive Sta. 0+00 to 7+00 left side, Sta. 11+00 to 18+00 left side, and 22+00 to Cul-de-Sac left side, Elliott Drive Sta. 0+00 to 6+00 right side, Sta. 7+50 to 21+00 right side, Sta. 22+00 to Cul-de-Sac right side.  
 Modified trapezoidal section with 6% bottom side ditch to be provided, Elliott Drive, Sta. 8+00 to 7+50 right side, Sta. 21+00 to 22+00 right side.  
 Standard side ditch to be provided, Sines Road, Sta. 0+00 to 3+20, left and right side.

**PIPE SCHEDULE**

Size	Type	Length
24"	ACCMP	80 LF

\* Provide Class "C" Bedding.

**STRUCTURE SCHEDULE**

Str. #	Type	Elev.	Remarks
4	K Inlet	530.95	S.D. 4.12
5	Flared End Sect	-	S.D. 5.61
8	K Inlet	488.00	S.D. 4.12
2	Flared End Sect	-	S.D. 5.61

**Plan of Development Note**  
 "I 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 & Erosion before the beginning of the project."

Developer: David J. Elliot Date: 8-13-86

**Engineer's Note**  
 "I certify that this plan for Erosion & 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 County Soil Conservation District."

Engineer: Joel Clark Date: 8-12-86

**Soil Conservation District Note**  
 This development plan is approved for Soil Erosion & Sediment Control by the Howard County Soil Conservation District.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 U.S. Soil Conservation Service  
 Howard County SCD Date: \_\_\_\_\_

Reviewed for \_\_\_\_\_ and meets Technical Requirements  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 U.S. Soil Conservation Service

**SILT AND EROSION CONTROL DETAILS  
 AND  
 CULVERT CONSTRUCTION PLAN  
 FOXHALL VILLAS**

FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 TAX MAP 34 PARCEL NO. 359

OWNER: DAVID ELLIOT  
 6581 COLUMBIA PIKE  
 COLUMBIA, MD. 21046  
 301-997-5833

PREPARED BY: THE J.E. CLARK CO.  
 BOX 147 LAUREL  
 MARYLAND 20707  
 301-725-3442

**REVISIONS**

DATE	DESCRIPTION	BY
7-3-87	REDLINE COMMENTS	BC

drawn by \_\_\_\_\_ checked by \_\_\_\_\_ record no. \_\_\_\_\_  
 scale \_\_\_\_\_  
 date \_\_\_\_\_ dwp. no. \_\_\_\_\_

DEPARTMENT OF PUBLIC WORKS OFFICE OF PLANNING AND ZONING  
William E. Pelt DATE: \_\_\_\_\_  
 CHIEF, BUREAU OF ENGINEERING  
John W. Anderson DATE: \_\_\_\_\_  
 DEPT. OF LAND DEVELOPMENT & ZONING ADMINISTRATION