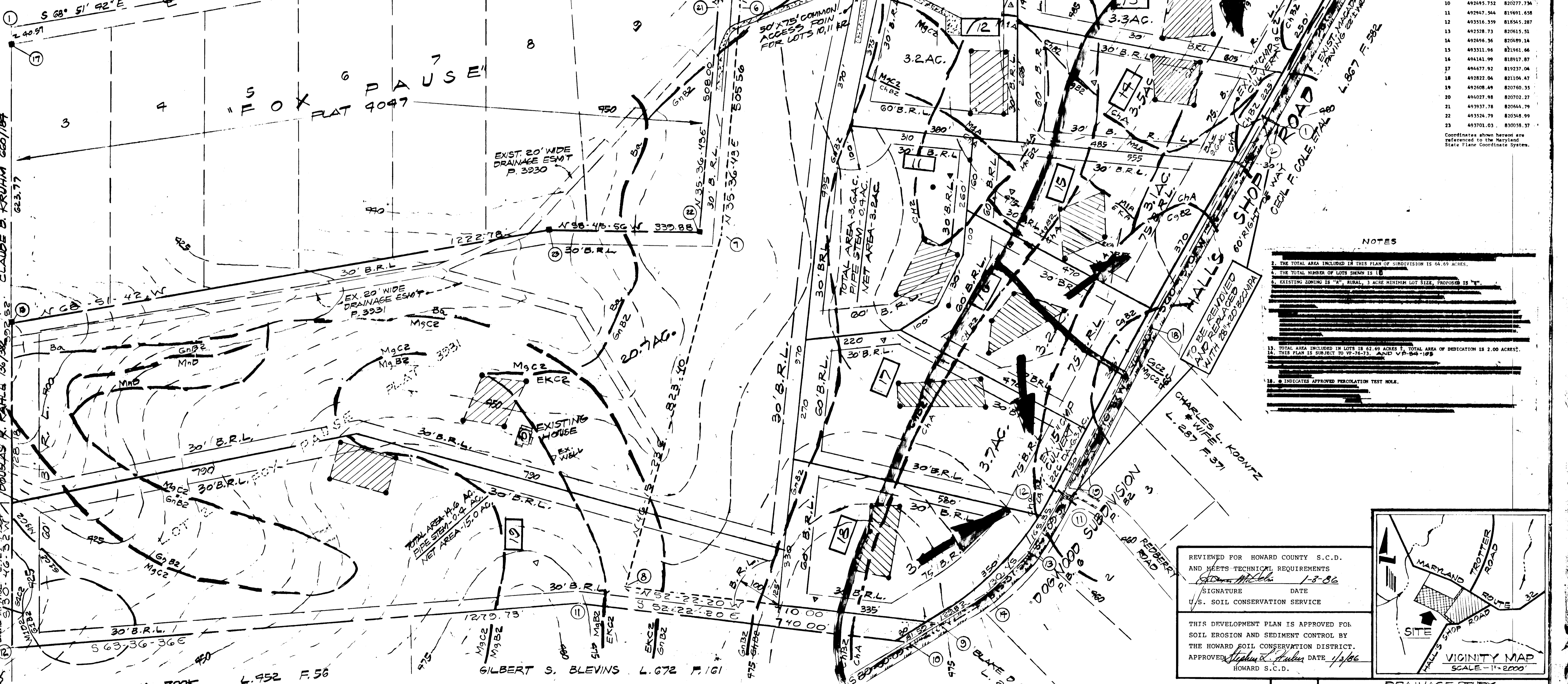


Lot No.	Average Pave. In Min. For End Drop	Max. Depth Permitted For Effluent Pipe To Enter Sewer Disposal Area At Its Highest Elev. With 1/2" To Exist. Grade At Time Of Test
10	5.51116	HOUSE
11		
12		
13	10 MIN	3 1/2 FT.
14	3 MIN	3 FT.
15	12 MIN	3 FT.
16		
17		
18		
19		

* NON BUILDIBLE UNTIL APPROVED BY HEALTH DEPT.



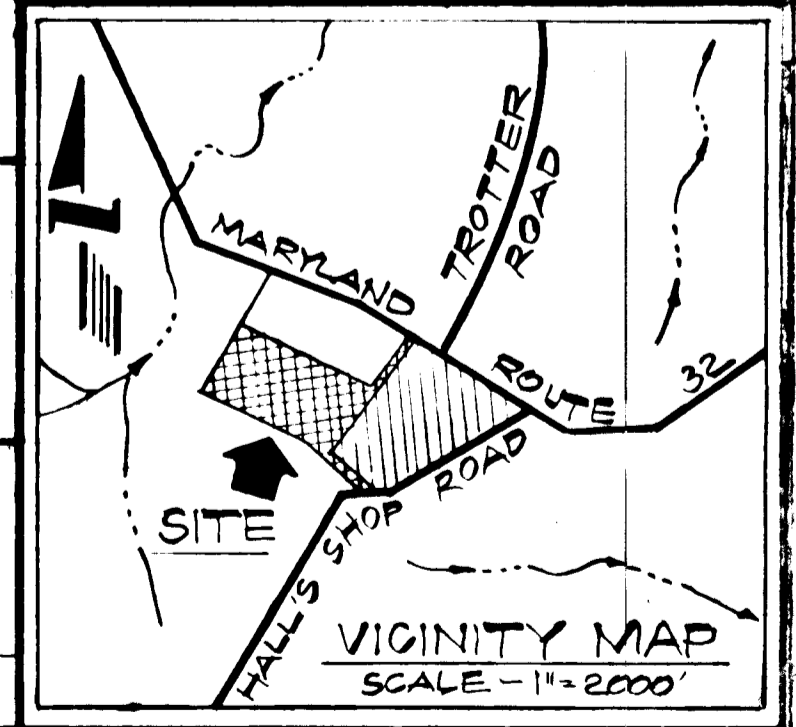
COORDINATE TABLE

No.	NORTH	EAST
1	494712.78	819257.00
2	494358.489	820374.133
3	494298.144	820314.837
4	494240.467	820296.044
5	494035.783	820266.538
6	493909.795	820286.248
7	493498.787	820391.866
8	492929.462	819797.009
9	492495.586	820359.324
10	492495.732	820277.734
11	492947.544	819601.658
12	493516.359	818545.287
13	492528.73	820615.51
14	492496.36	820489.14
15	493311.96	821961.66
16	494141.99	818917.87
17	494677.92	819237.04
18	492822.04	821104.47
19	492608.49	820760.35
20	494027.98	820702.27
21	493937.78	820644.79
22	493524.79	820348.99
23	493701.03	830058.37

Coordinates shown hereon are referenced to the Maryland State Plane Coordinate System.

- NOTES
- THE TOTAL AREA INCLUDED IN THIS PLAN OF SUBDIVISION IS 64.69 ACRES.
 - THE TOTAL NUMBER OF LOTS SHOWN IS 18.
 - EXISTING ZONING IS "A", RURAL, 3 ACRE MINIMUM LOT SIZE, PROPOSED IS "R".
 - EXISTING ZONING IS "A", RURAL, 3 ACRE MINIMUM LOT SIZE, PROPOSED IS "R".
 - TOTAL AREA INCLUDED IN LOTS IS 62.69 ACRES & TOTAL AREA OF DEDICATION IS 2.00 ACRES.
 - THIS PLAN IS SUBJECT TO V-76-73, AND V-P-64-108.
 - INDICATES APPROVED PERCOLATION TEST HOLE.

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS
Stephen L. Huber 1-3-86
 SIGNATURE DATE
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *Stephen L. Huber* DATE 1/3/86
 HOWARD S.C.D.

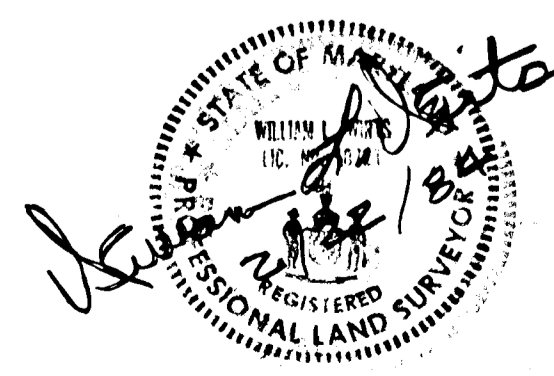


APPROVED: DEPT. OF PUBLIC WORKS
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE 1-3-86
 CHIEF BUREAU OF ENGINEERING
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

OWNER & DEVELOPER
 EDWIN G. WILLSON
 P.O. BOX 32
 ASHTON, MD. 20861
 PHONE - 854-0300



PREPARED BY:
 TRI-COUNTY SURVEYS, INC.
 P.O. BOX 55
 DAMASCUS, MD. 20872
 PHONE - 253-3591

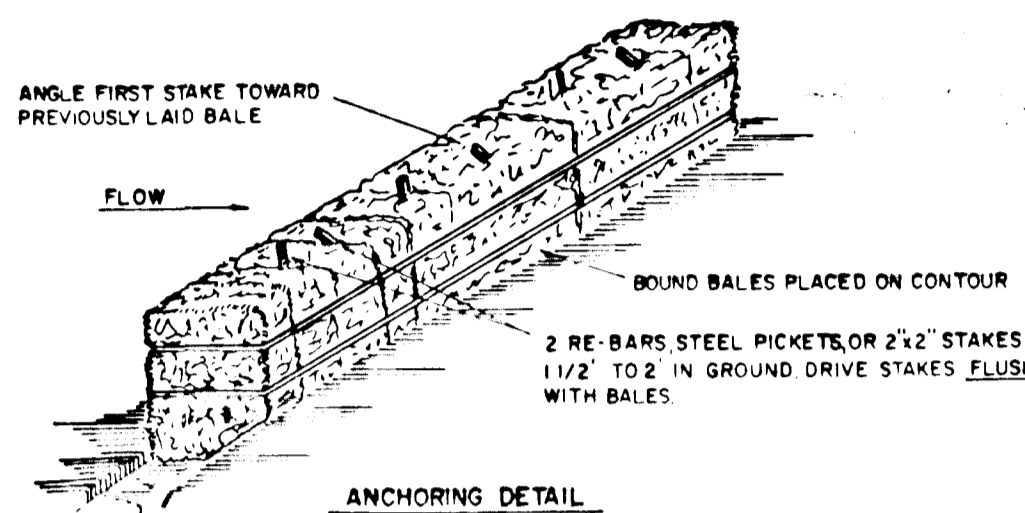
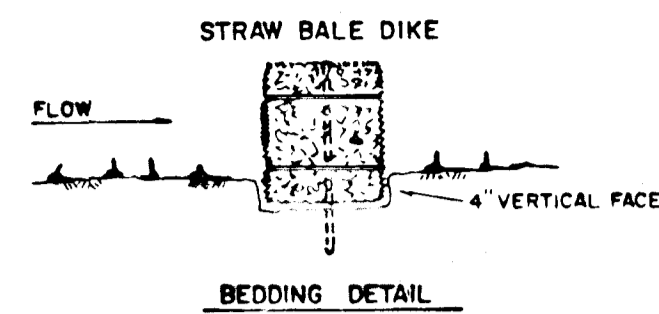


DRAINAGE STUDY
FOX PAUSE
 SECTION 2 - LOTS 10 TO 19
 INCLUDING A RESUBDIVISION OF LOT 2 - SECTION 1
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 5' CONTOUR INTERNAL-TAX MAP 35-FAR, 1974
 SCALE: 1"=100' FEBRUARY, 1984

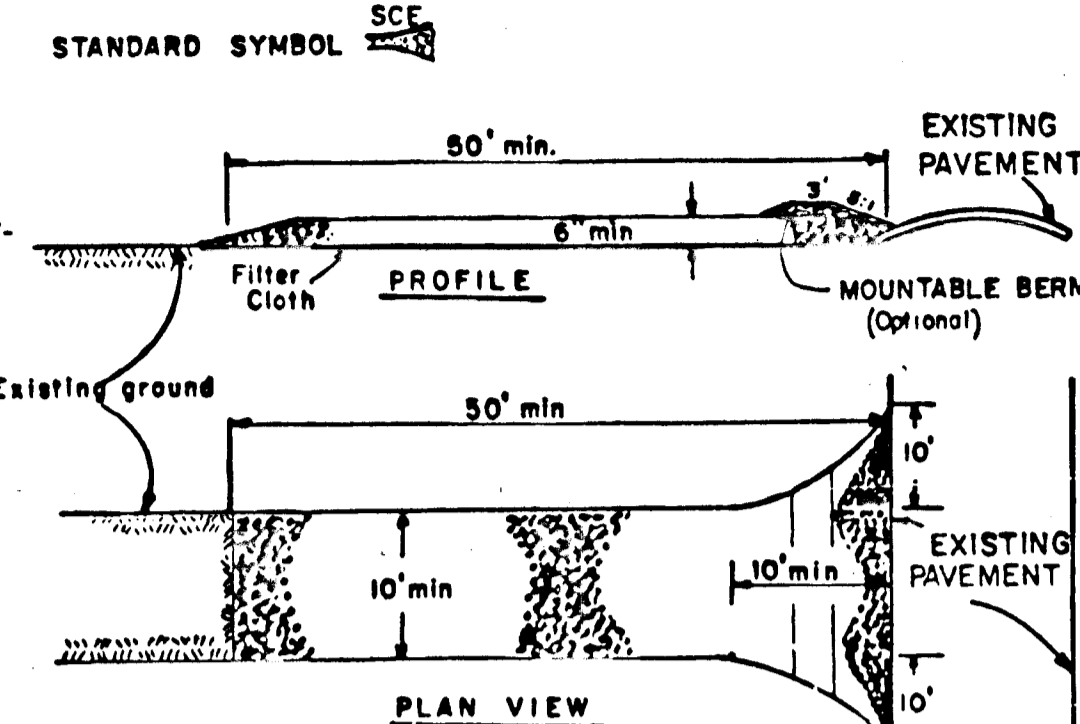
GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.
 BELL TELEPHONE SYSTEM 393-3649
 BALTIMORE GAS AND ELECTRIC COMPANY 539-8000, EXT. 691
 HOWARD COUNTY BUREAU OF UTILITIES 992-2366
 HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION 792-7272
 (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)
- ALL STREET RETURNS SHALL HAVE 30.0' RADII UNLESS OTHERWISE NOTED.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHT-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME IV - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 EDITION.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- DESIGN TRAFFIC SPEED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIAL STANDARDS:
 80' RIGHT-OF-WAYS 30 M.P.H.
 20' RIGHT-OF-WAYS 40 M.P.H.
- ALL ELEVATIONS SHOWN ARE BASED ON ASSUMED DATUM.
- ALL FILL AREAS WITHIN ROADWAYS AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM 95% COMPACTION.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- SUBJECT PROPERTY ZONED "R", RURAL, PER 10-03-77 COMPREHENSIVE ZONING PLAN.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO WITHIN 5" OF FINISHED GRADE.

STANDARD SYMBOL



STABILIZED CONSTRUCTION ENTRANCE
 not to scale



IMPROVEMENT PLANS
MD. STATE ROUTE #32
FOX PAUSE

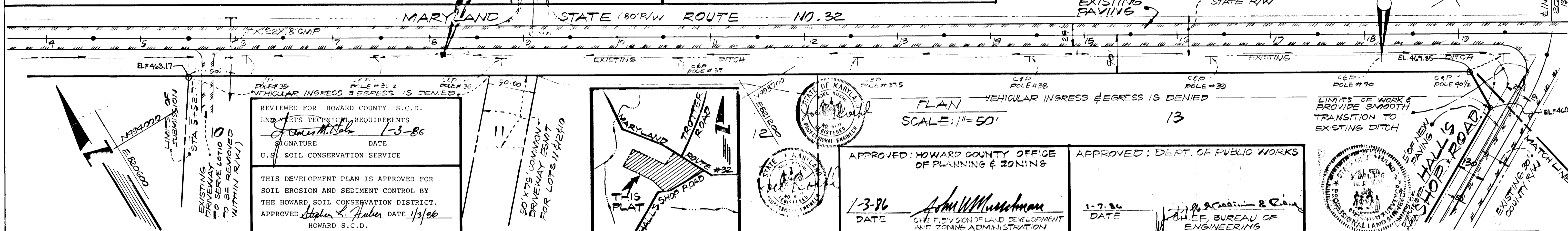
SECTION 2 - LOTS 10 TO 19
 INCLUDING A RESUBDIVISION
 OF LOT 2 IN SECTION 1
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN JULY, 1985
 TAX MAP 35 PARCEL 190 # 360

TRI-COUNTY SURVEYS, INC.
 BOX 55
 DAMASCUS, MD 20872
 PHONE: 831-3656

BM - ELEV. 975.34
 RAILROAD SPIKE IN 5%
 C&P POLE NO. 90

PLAN
 SURVEY
 PHOTO
 ALIGNMENT CHECKED
 NOTE BOOK GRADES CHECKED
 E.T. OF WAY CHECKED

PROFILE
 SURVEY
 PHOTO
 GRADES CHECKED
 NOTE BOOK GRADES CHECKED
 E.T. OF WAY CHECKED



REVIEWED FOR HOWARD COUNTY S.C.D.
 AND METS TECHNICAL REQUIREMENTS
 Signature: *John W. M... 1-3-86*
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT PLAN IS APPROVED FOR
 SOIL EROSION AND SEDIMENT CONTROL BY
 THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *Stephen L. Huber* DATE 1/3/86
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY OFFICE
 OF PLANNING & ZONING
 DATE 1-3-86
 Signature: *John W. M...*

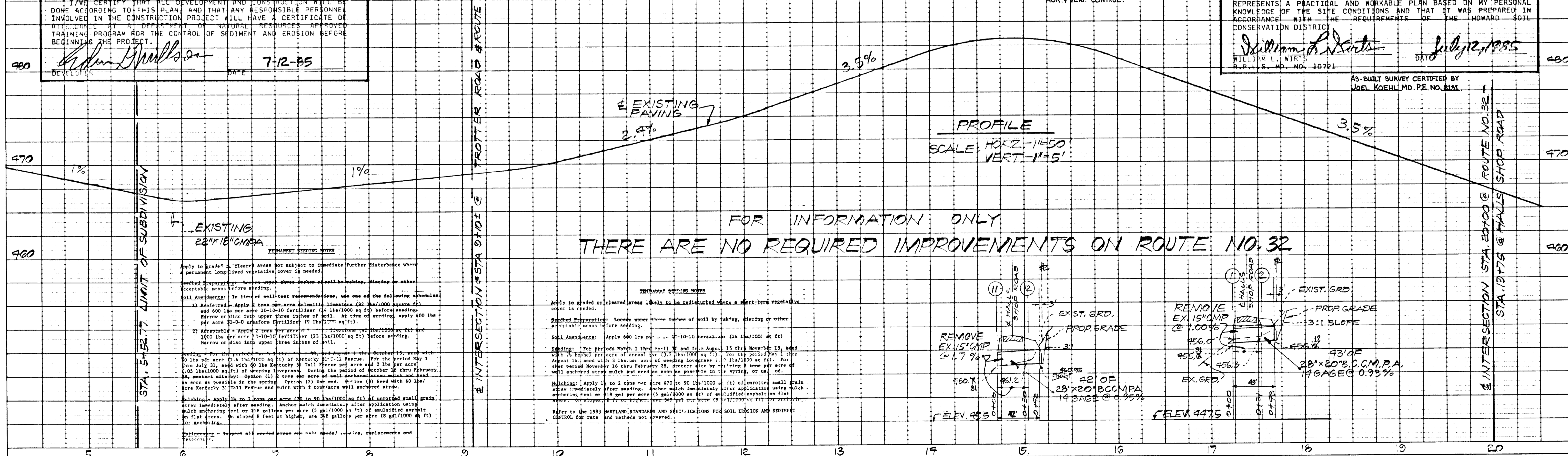
APPROVED: DEPT. OF PUBLIC WORKS
 DATE 1-7-86
 Signature: *John W. M...*

ENGINEER'S CERTIFICATION
 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: *William L. Wirtz* DATE July 12, 1985
 WILLIAM L. WIRTZ
 R.P.L.S., MD., NO. 10791

DEVELOPER'S CERTIFICATION
 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.
 Signature: *Edwin G. Wells* DATE 7-12-85

VICINITY MAP
 SCALE - 1" = 2000'

HOWARD COUNTY MONUMENT STATIONS
 NO. 2437001 & 2437003 USED FOR
 HOR. & VERT. CONTROL.



FOR INFORMATION ONLY
THERE ARE NO REQUIRED IMPROVEMENTS ON ROUTE NO. 32

SEDIMENT CONTROL NOTES

- SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS SHOWN HEREON ARE INCLUDED IN THE U.S.D.A. SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL"
- THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (992-2433).
- SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
- ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (992-2433).
- ALL GRADED AREAS NOT TO BE SODDER SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
 - SITE PREPARATION
 - HARROW OR DISC IN AREAS PROPOSED TO BE SEED THE FOLLOWING MATERIALS.
 - PULVERIZED LIMESTONE AT 2 TONS/ACRE.
 - COMMERCIAL FERTILIZER 10-10-10 at 3/4 TONS/ACRE.
 - SUPER PHOSPHATE AT 600 LBS./ACRE.
 - SEEDING
 - SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER.
 - TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
 - PERMANENT: 40% MERION BLUE GRASS, 40% SOUTH DAKOTA BLUE GRASS and 20% PENN LAWN CREEPING RED FESCUE.
 - THE SEED AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
 - MULCHING
 - SEEDED AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 - 2 TONS/ACRE.
 - TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.
- A GRADING PLAN MUST BE DEVELOPED BY THE BUILDER AND APPROVED BEFORE BEGINNING CONSTRUCTION OF DWELLINGS.

SEQUENCE OF CONSTRUCTION

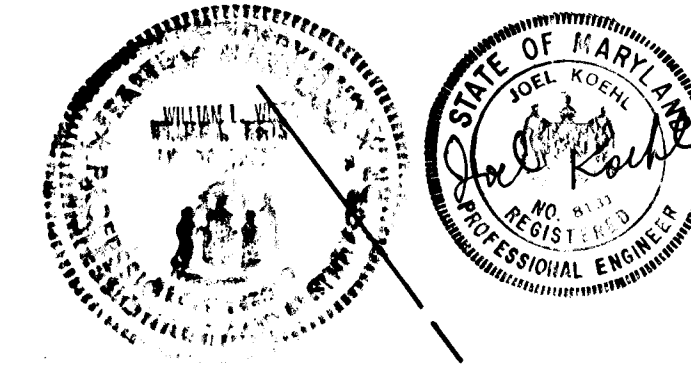
- OBTAIN A GRADING PERMIT. - APRIL 1, 1986
- CLEAR AND GRUB ONLY AREAS FOR SEDIMENT CONTROL DEVICE INSTALLATION. - APRIL 5, 1986
- INSTALL STABILIZED CONSTRUCTION ENTRANCE. - APRIL 5, 1986
- INSTALL SILT FENCES, PERIMETER DIKES AND INTERCEPTOR SWALES, STONE OUTLET SEDIMENT TRAPS, STRAW BALE DIKES. - APR. 10, 1986
- CONSTRUCT STORM DRAINAGE SYSTEM. - MAY 1, 1986
- COMPLETE ALL GRADING. - MAY 10, 1986
- INSTALL UTILITIES. - MAY 15, 1986
- LAY BASE COURSE PAVING. - MAY 29, 1986
- STABILIZE ALL SLOPES IN ACCORDANCE WITH PERMANENT SEEDING NOTES. - JUNE 1, 1986
- COMPLETE ALL CONSTRUCTION AND STABILIZE DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES. - JUNE 15, 1986
- UPON APPROVAL OF THE D.E.P. SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE DISTURBED AREAS.

REVIEWED FOR HOWARD COUNTY S.C.D. AND METS TECHNICAL REQUIREMENTS
James M. Stetler 1-3-86
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *Stephen L. Huber* DATE 1/3/86
 HOWARD S.C.D.

ENGINEER'S CERTIFICATION

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.
William L. Wirtz DATE July 12, 1985
 WILLIAM L. WIRTZ
 R.P.L.S.-MD. NO. 10721



VEHICULAR INGRESS AND EGRESS TO MD. ROUTE NO. 32 IS DENIED

TEMP. STRAW BALE DIKE @ 100' 0" SEE DETAIL ON SH. 2 OF P. 2

REMOVE EXIST. 15" CMP AND PROVIDE PRE-FAB METAL END SECTION, END TO BE 5' FROM THE PROPERTY LINE

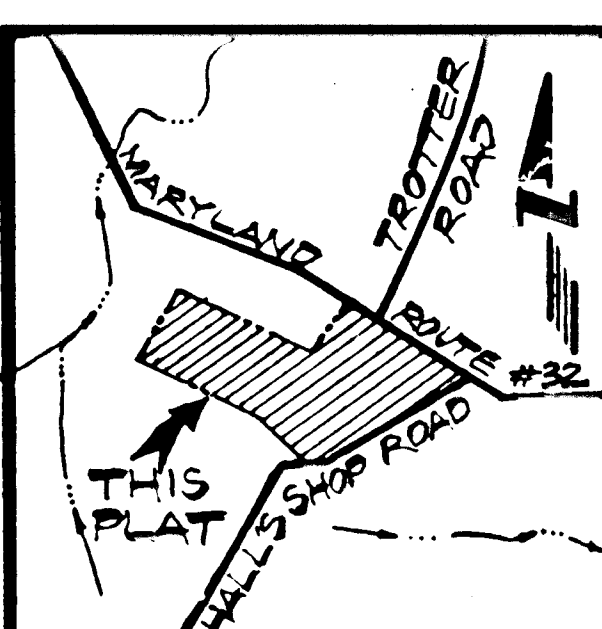
PLACE STRAW BALES AROUND END OF PIPE

EX. 15" CMP TO BE REPLACED BY 28"x20" B.C.C.M.P.A. IN ITS ENTIRETY

RELOCATION OF UTILITY POLES SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.

NOTE

PLAN SCALE: 1"=50'



VICINITY MAP SCALE: 1"=2000'

TRI-COUNTY SURVEYS, INC.
 BOX 55
 DAMASCUS, MD 20872
 PHONE 831-3656

**IMPROVEMENT PLANS
 HALLS SHOP ROAD
 FOX PAUSE**

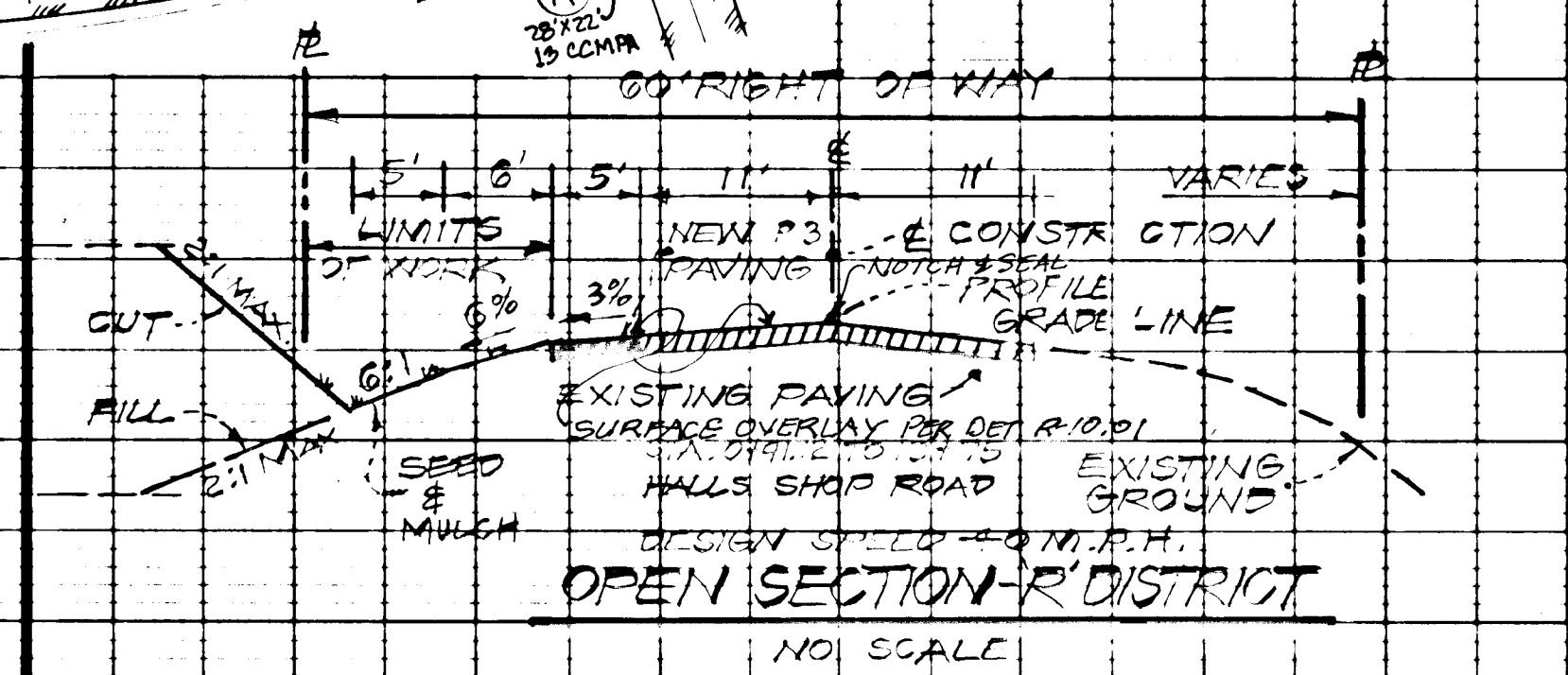
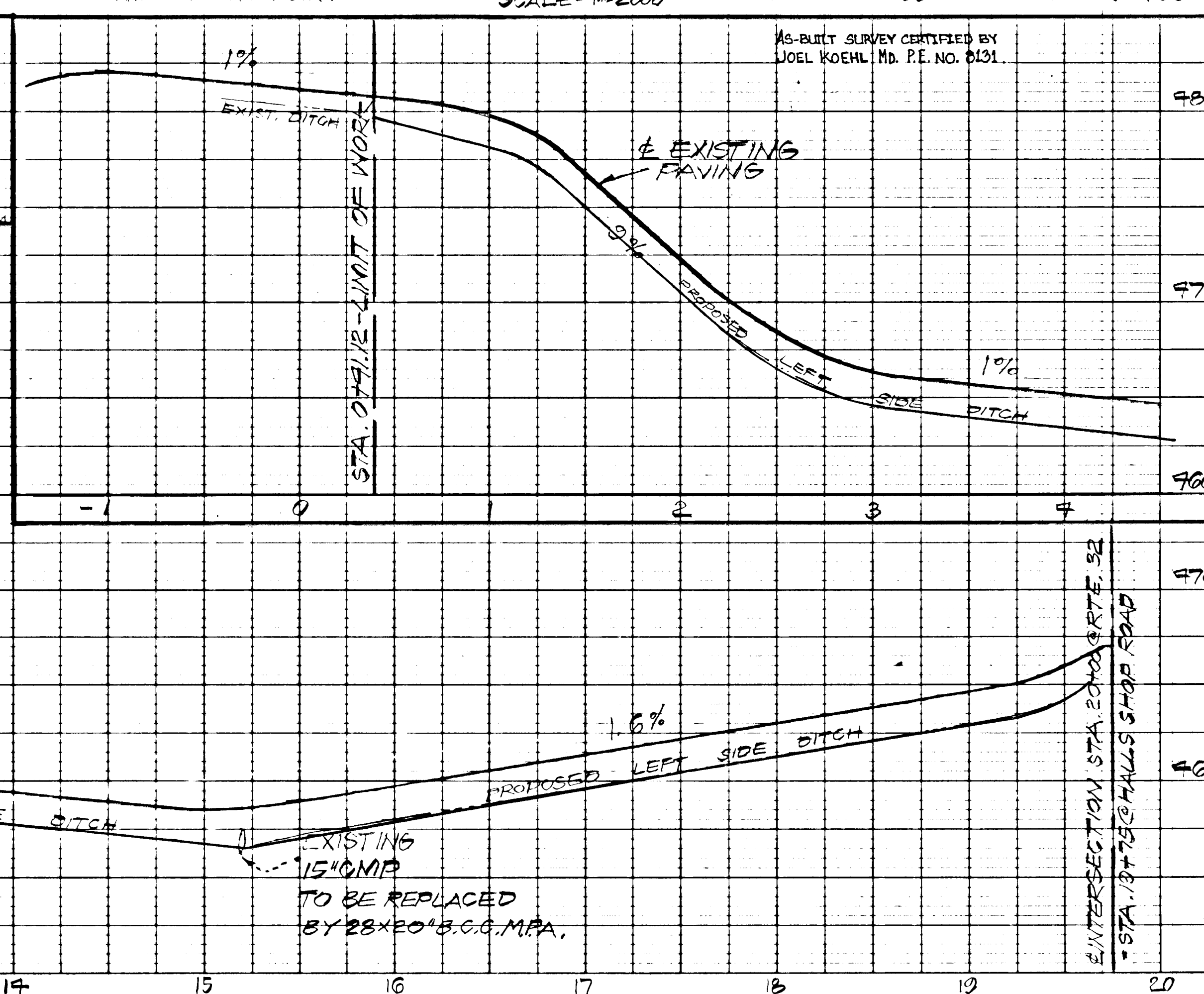
SECTION 2 - LOTS 10 TO 19
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 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN JULY, 1985
 TAX MAP 35 PARCEL 190 & 360

OWNER
 EDWIN G. WILLSON
 P.O. BOX 32
 ASHTON, MD. 20861
 PHONE - 854-0300

APPROVED: DEPT. OF PUBLIC WORKS
 DATE 1-3-86
 CHIEF BUREAU OF ENGINEER 16

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE 1-3-86
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DEVELOPER'S CERTIFICATION
 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.
Edwin G. Willson DATE 7/12/85
 DEVELOPER



BITUMINOUS CONCRETE SURFACE	1 1/2"	BITUMINOUS CONCRETE SURFACE	3"
BITUMINOUS CONCRETE BASE	1 1/2"	BITUMINOUS CONCRETE BASE (2 COURSES)	5"
1 1/2" CRUSHED RUN BASE COURSE (2 COURSES) OR 6" DENSE GRADED STABILIZED AGGREGATE BASE COURSE	*	3" PLACED IN COURSES	

ALTERNATE PAVING
 NO SCALE

TYPICAL PAVING SECTION
 NO SCALE

STAY WITH THE LIMITS OF WORK & SUBMISSION

TRANSITION TO EXIST. PAVING

5' WIDENING

INTERSECTION STA. 575 @ REDBERRY ROAD

#656