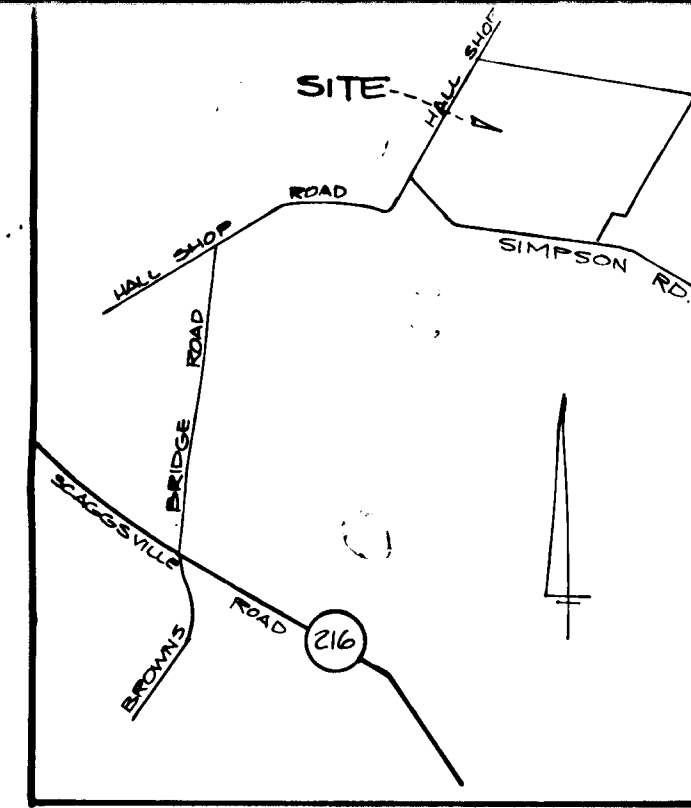


ANNA IGLEHART ET AL.
1262/4, 1400/364
P-138

ROBERT BRANSON
178/326
312/316
P-131

CHAS. E. WILSON
447/296
P-324



- GENERAL NOTES**
1. AREA: 230 AC.
 2. ZONE: R (RURAL RESIDENTIAL)
 3. TOPOGRAPHY FROM AERIAL SURVEY
 4. DEED REFERENCE: 870/713
 5. SOIL MAP: C8
 6. TAX MAP: 41
 7. PARCEL NO: P/O 130
 8. PRIVATE WATER SUPPLY & SEWAGE DISPOSAL SYSTEM TO BE UTILIZED
 9. No. LOTS: 27
 10. PROF. AREA OF LOTS: 877 AC.
 11. AREA OF DEDICATION: 737 AC.
 12. NOT IN WETLAND AS PER US. DEPARTMENT OF INTERIOR, NATIONAL WETLAND INVENTORY. MAP #33BAT-2 CLARKSVILLE

FOLLOWING INITIAL SOIL DISTURBANCE OR REDEVELOPMENT PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER EROSION CONTROL STRUCTURES, DIPS, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 8:1, 2) FOURTEEN (14) DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPERS CERTIFICATE

"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 EROSION AND SEDIMENT BEFORE BEGINNING CONSTRUCTION."

William P. Huffman 8/29/00
8/29/00

ENGINEERS CERTIFICATE

"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 HOUSED SOIL CONSERVATION DISTRICT."

William P. Huffman 8/29/00
8/29/00

REVIEWED FOR HOWARD/SCD AND MEET TECHNICAL REQUIREMENTS

William P. Huffman 9/2/00
9/2/00

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

William P. Huffman 9/1/00
9/1/00

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

William P. Huffman 9/1/00
9/1/00

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

William P. Huffman 9/20/00
9/20/00

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND LAND DEVELOPMENT

William P. Huffman 9/20/00
9/20/00

GENERAL NOTES

The developer is advised that this development may be required to obtain permits from the Corp of Engineers for activities in wetlands (Sec 404) and a water quality certification from the state Health Dept (Sec 401) prior to the execution of the developer agreement. The following will be required:

- a) copy of the permits issued by the Corp of Engineers and the Department of Health.
- b) a certification from the engineer that Sec. 404 and Sec. 401 do not apply and the permits are not required.

PLAN
SCALE: 1"=100'



PROPERTY OWNER:
BASSLER HUNT PARTNERSHIP
12149 SIMPSON ROAD
CLARKSVILLE, MD 21045

CONTRACT PURCHASER:
WINCHESTER HOMES
6301 IVY LANE #174
GREENBELT, MD 20770
(301) 220-1117

NO.	REVISIONS	DATE

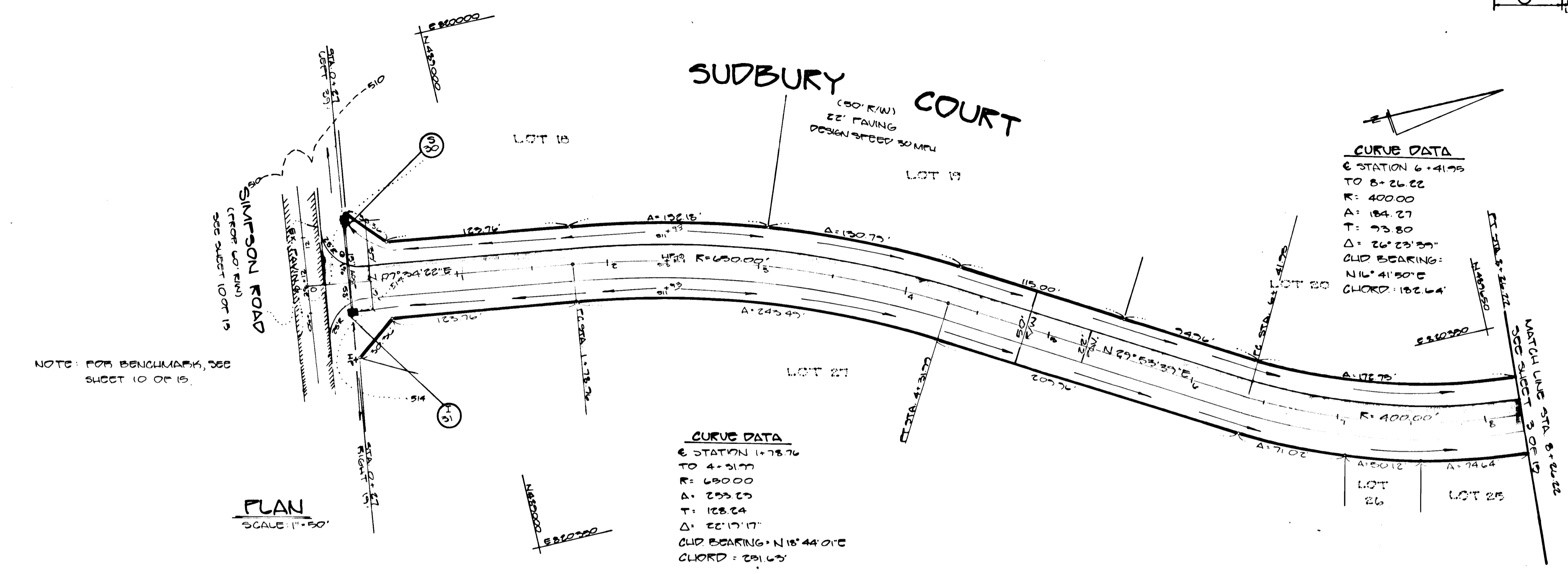
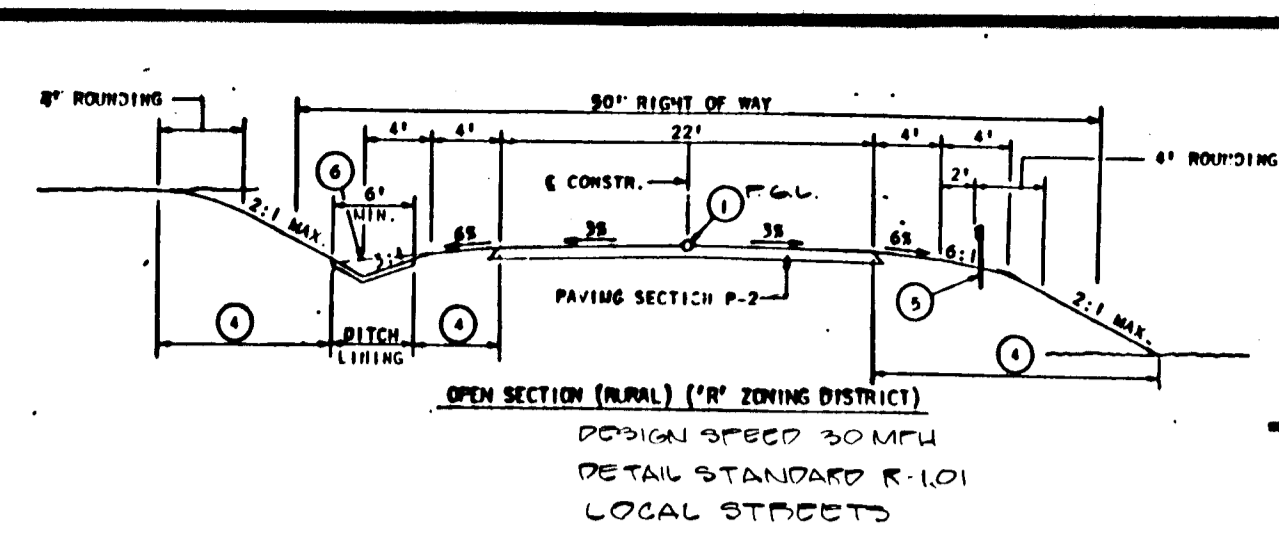
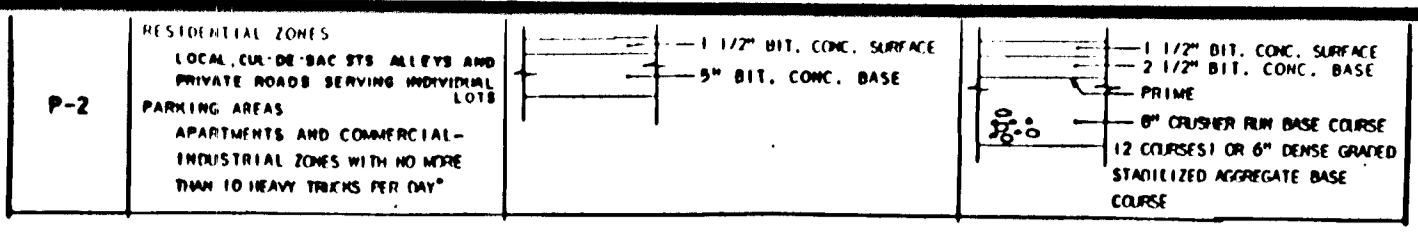


DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

ASHLEIGH GREENE SUBDIVISION
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 PARCEL 20130

DATE	9/20/00	Sheet
DRAWN	3MB	
CHECKED	3MB	of 15
SCALE	1"=100'	PROJECT NO.
		205-01



CURVE DATA
 E STATION 4+41.95
 TO 8+26.82
 R: 400.00
 A: 184.27
 T: 73.80
 Δ: 26° 23' 59"
 OLD BEARING: N16° 41' 50" E
 CHORD: 182.64'

CURVE DATA
 E STATION 1+78.76
 TO 4+31.77
 R: 650.00
 A: 293.80
 T: 128.24
 Δ: 82° 17' 17"
 OLD BEARING: N18° 44' 01" E
 CHORD: 291.63'

FOLLOWING INITIAL SOIL DISTURBANCE OR REDIST-
 URBANCE PERMANENT OR TEMPORARY STABILIZATION
 SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR
 DAYS FOR ALL PERIMETER SEGMENT CONTROL STRUCT-
 URES, DITCHES, SWALES, PITCHES, PERIMETER SLOPES AND
 ALL SLOPES GREATER THAN 3:1, 2) FORTY-EIGHT (48) DAYS AS
 TO ALL OTHER DISTURBED OR GRABBED AREAS ON PRO-
 JECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT
 THE CONTRACTING INSPECTION AGENCY (C.I.A.) AND
 NOTIFY THEM IN ADVANCE OF COMMENCEMENT
 OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRU-
 CTION 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 COURSE OF NATURAL RE-
 SOURCES ATTENDED TRAINING PROGRAM FOR THE
 CONSTRUCTION PROJECT AND DESIGN BEFORE BE-
 GINNING CONSTRUCTION OF THE PROJECT.
 _____ DATE: 1/21/88

ENGINEER'S CERTIFICATE
 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 AC-
 CORDANCE WITH THE REQUIREMENTS OF THE HOWARD
 COUNTY DEPARTMENT OF PUBLIC WORKS.
 _____ DATE: 1/21/88

APPROVED FOR HOWARD COUNTY AND MEETS
 TECHNICAL REQUIREMENTS
 _____ DATE: 1/21/88
 US SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR
 FINAL EROSION AND SEDIMENT CONTROL BY THE
 HOWARD COUNTY DISTRICT OF
 _____ DATE: 1/21/88
 HOWARD COUNTY

APPROVED HOWARD COUNTY DEPARTMENT OF
 PUBLIC WORKS
 _____ DATE: 1/21/88
 CHIEF, LAND DEVELOPMENT DIVISION

APPROVED HOWARD COUNTY DEPARTMENT OF
 PUBLIC WORKS
 _____ DATE: 1/21/88
 CHIEF, BUREAU OF HIGHWAYS

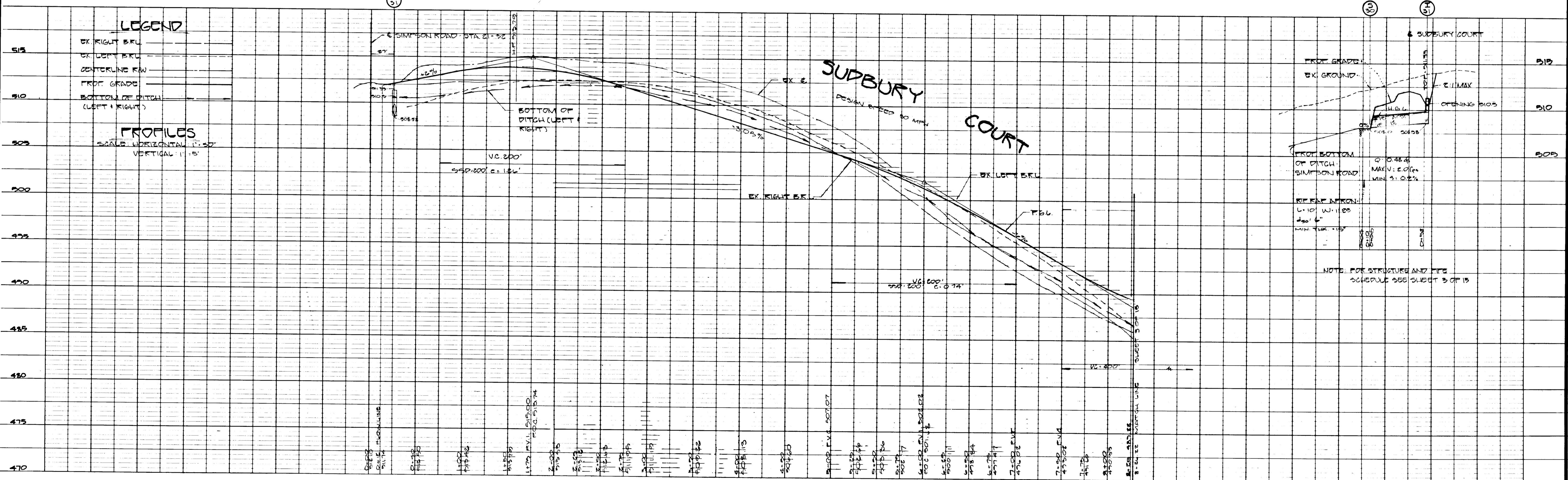
APPROVED HOWARD COUNTY OFFICE OF PLAN-
 NING & ZONING
 _____ DATE: 1/21/88
 CHIEF, DIVISION OF COMMUNITY PLAN-
 NING AND LAND DEVELOPMENT

NOTE: ALL DRIVEWAYS ON SUDBURY COURT
 SHOULD BE BUILT AS PER H.C. STD. D.C. 02
 WITH STD. CULVERT, EXCEPT LOTS
 18, 22, 23 & 24 (OPTIONAL) DRIVEWAY AT THE
 COST OF VERTICAL CURVE
 20' DI. & 6' MIN. SIZE FOR CULVERT IS
 15' ON (17' x 15').

LEGEND

- EX. RIGHT B.R.L.
- EX. LEFT B.R.L.
- CENTERLINE R.W.
- PROP. GRADE
- BOTTOM OF DITCH (LEFT & RIGHT)

PROFILES
 SCALE: HORIZONTAL 1"=50'
 VERTICAL 1"=5'



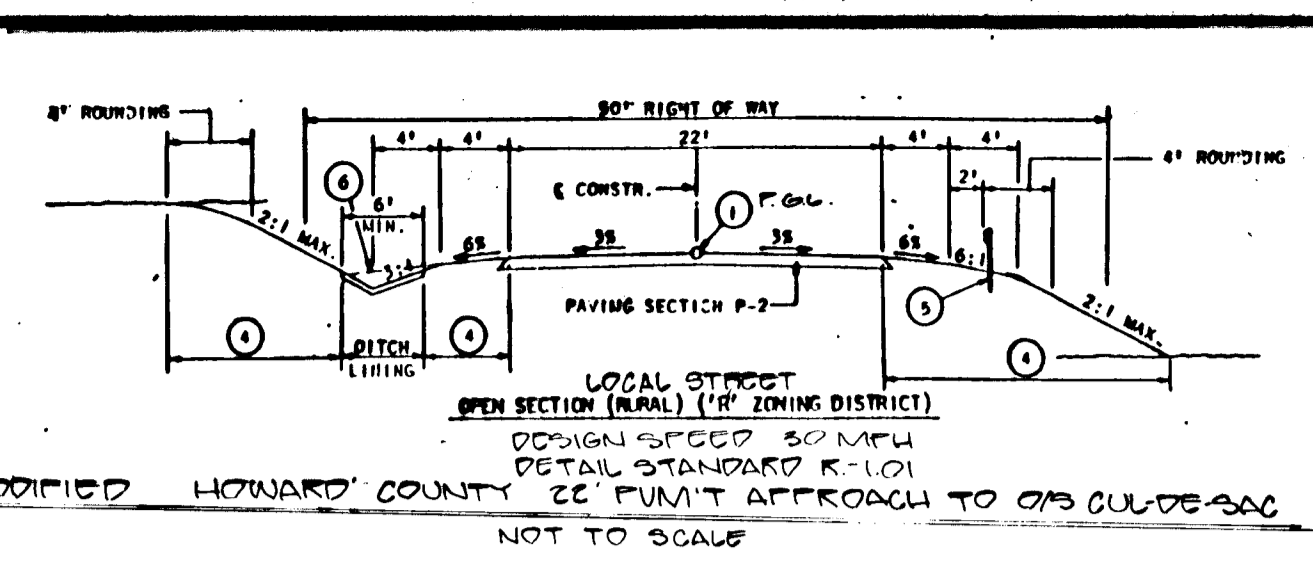
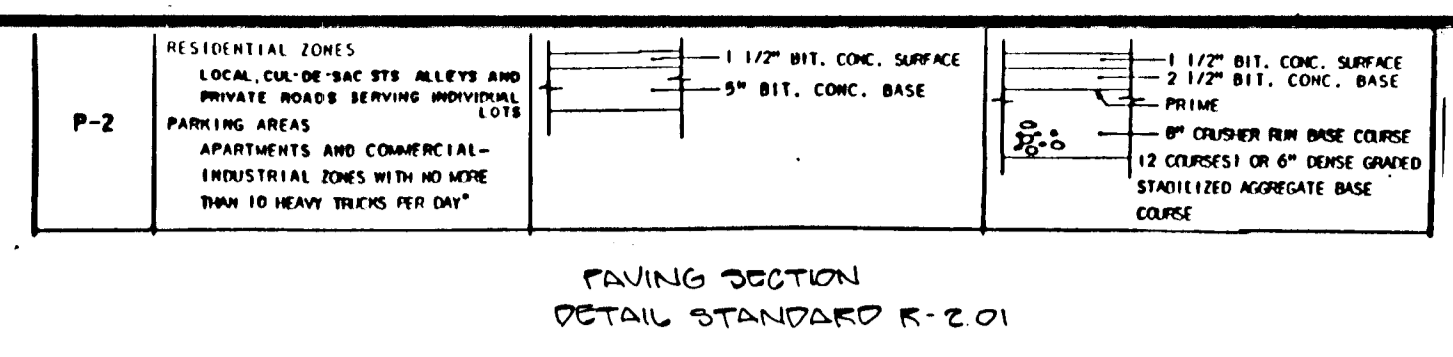
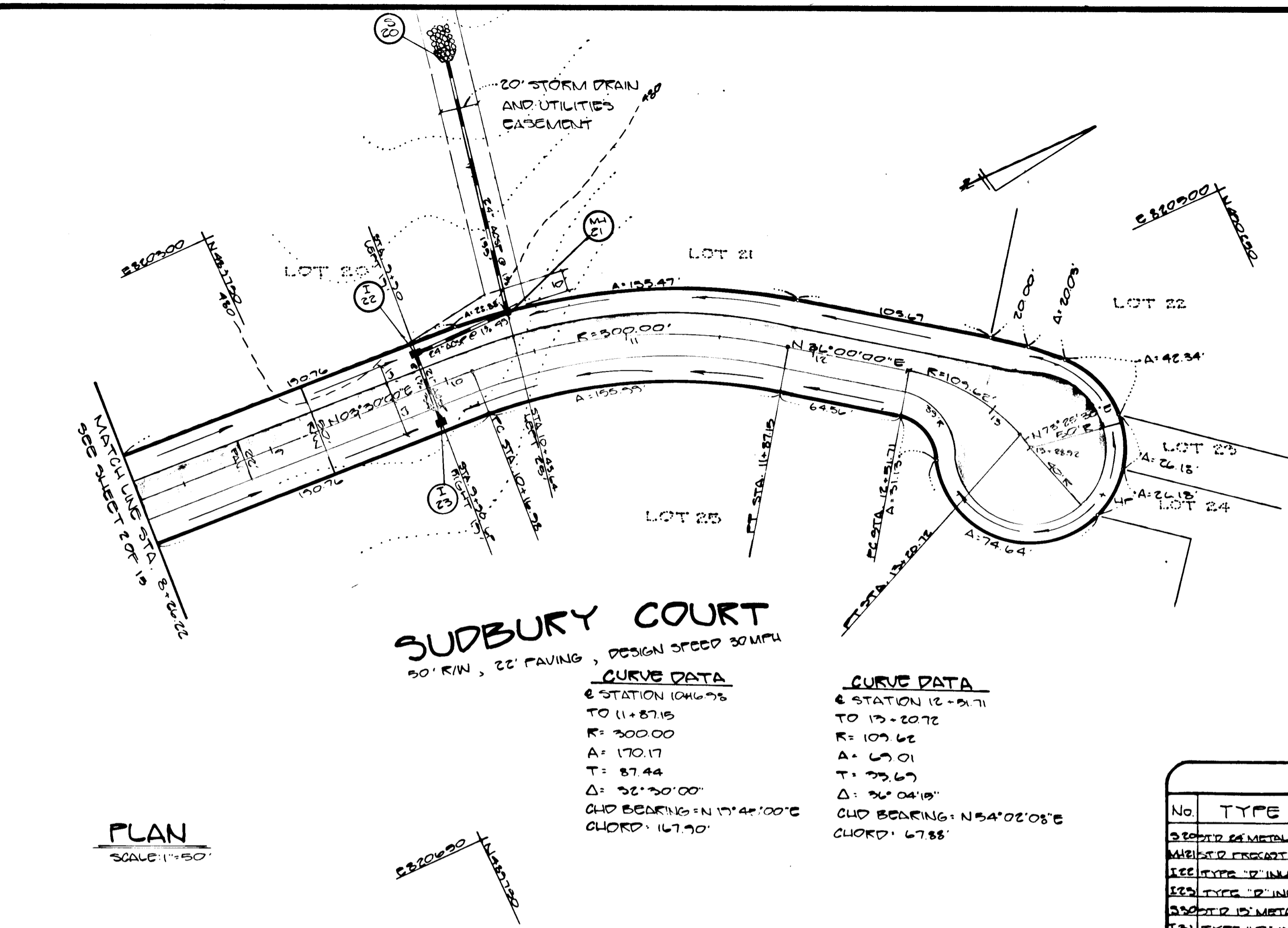
NO.	REVISIONS	DATE
1	REVISED GRADE OF SUDBURY CT. FROM INTERSECTION OF SIMPSON RD. UP TO STATION 3+00.	1-10-88

DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

STREET GRADE, STORM DRAIN, AND PAVING PLAN
 SECTION ONE
ASHLEIGH GREENE SUBDIVISION
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP #1 PARCEL # 1-15

DATE: APRIL 1988
 DRAWN: S.M.S.
 CHECKED: M.L.S.
 SCALE: AS SHOWN

Sheet 2 of 15
 PROJECT NO. 205-01



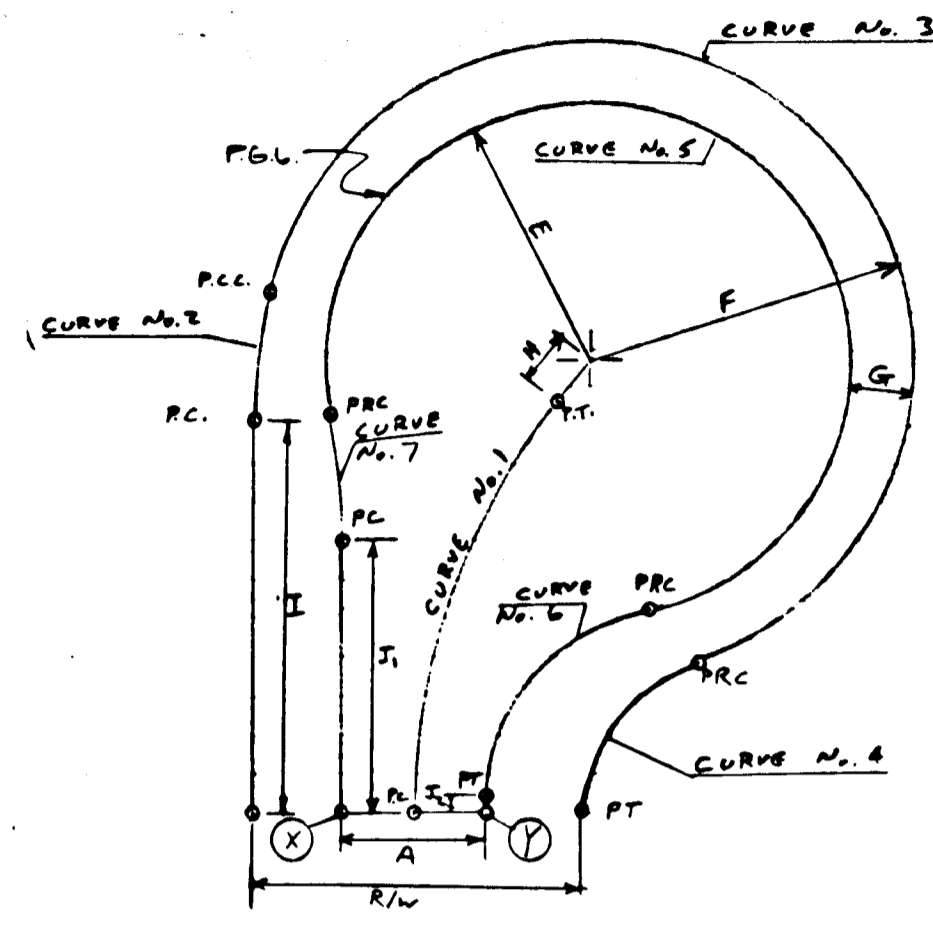
BENCHMARK Δ 905
 TOP PIPE ELEV. = 485.18
 NO REFERENCES AVAILABLE

PIPE SCHEDULE

TYPE	SIZE	LENGTH
ACSP	12"	25 LF 18.00'
ACSP	24"	24 LF 18.00'
ACSP	24"	12 LF 9.00'

STRUCTURE SCHEDULE

No.	TYPE	TOP ELEVATION UPPER	INV. ELEVATION IN	OUT	REMARKS
1	24" DIA. METAL ENDWALL	484.43	478.78	479.2	22 2/41
2	12" DIA. METAL ENDWALL	484.38	479.47	479.84	22 2/41
3	12" DIA. METAL ENDWALL	484.38	479.47	480.0	22 2/41
4	12" DIA. METAL ENDWALL	484.38	479.47	480.0	22 2/41
5	12" DIA. METAL ENDWALL	484.38	479.47	480.0	22 2/41



- NOTES:**
- Standard Conc. Comb. Curb & Gutter shall be used on down-grade cul-de-sacs.
 - The maximum grade of the circular area in any direction shall not exceed 6%.
 - A profile shall be provided showing the top of curb from point X to point Y. Curve No. E to be used for residential streets only to transition Right of Way line varying distance @.

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (1) SEVEN (7) CALENDAR DAYS FOR ALL PERMANENT DISTURBANCE, AND (2) THIRTY (30) CALENDAR DAYS FOR ALL TEMPORARY DISTURBANCE. ALL SLOPES GREATER THAN 3:1, (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

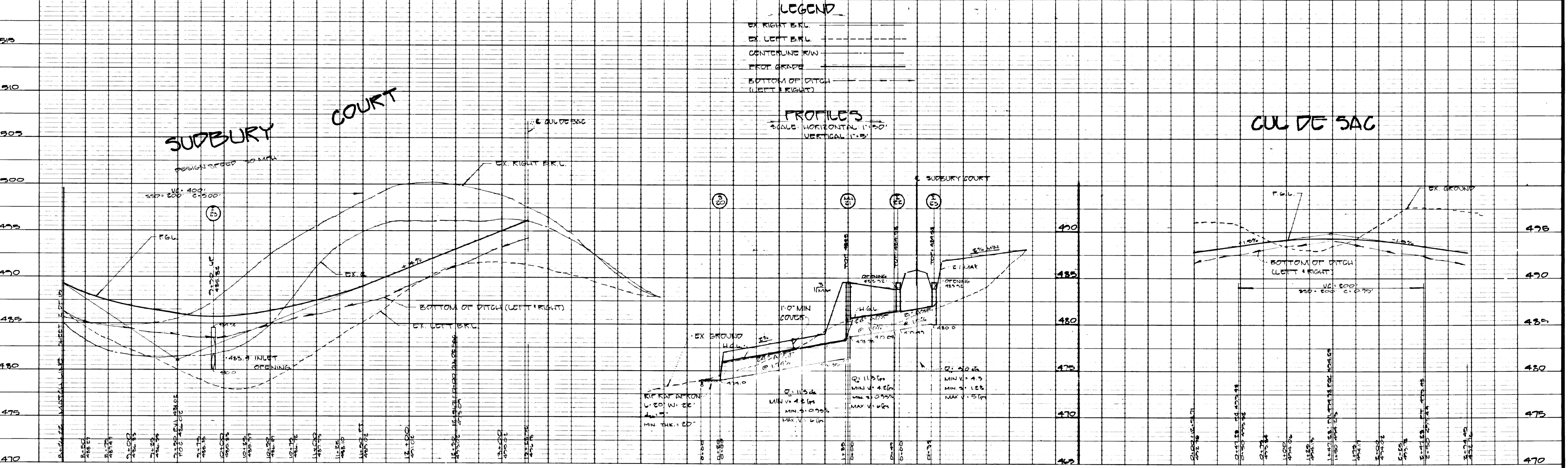
NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (CIVIL) DIVISION (SHOW) 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE
 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 AND ENVIRONMENT TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING CONSTRUCTION.
 DATE: 9/18/88

ENGINEER'S CERTIFICATE
 THIS PLAN FOR EROSION AND SEDIMENT CONTROL IS BASED ON A PREDICTED LAND WORKABLE AREA. I/WE CERTIFY THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION SERVICE.
 DATE: 9/18/88

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 9/18/88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE: 9/18/88



Contract Purchaser:
 WINCHESTER HOMES
 6501 IVY LANE S. 174
 GREENBELT, MD 20770
 (301) 220-1117

NO.	REVISIONS	DATE

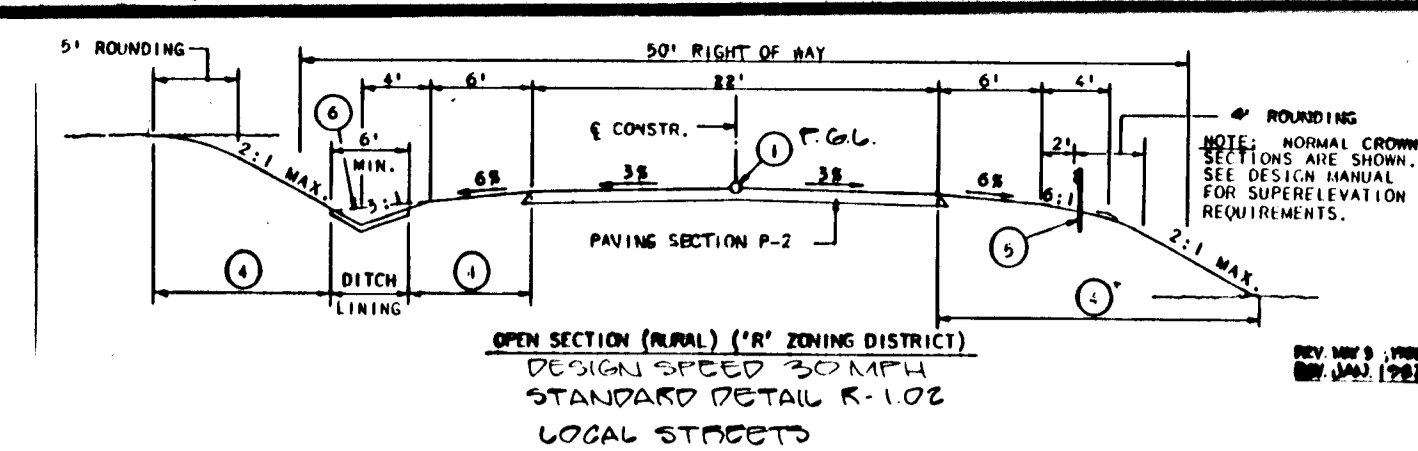
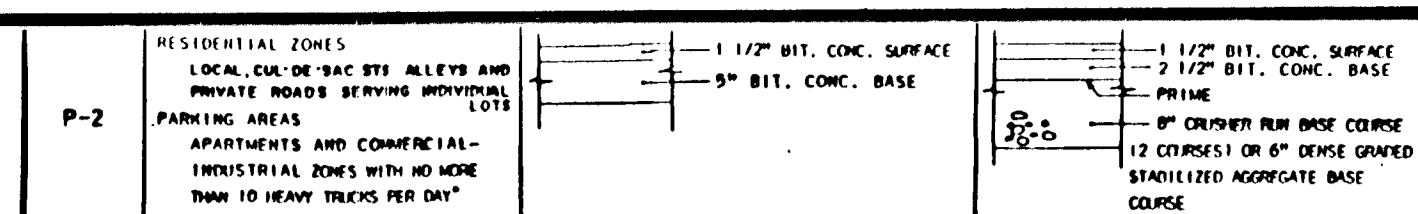
DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

STREET GRADE, STORM DRAIN, AND PAVING PLAN
 SECTION ONE
ASHLEIGH GREENE SUBDIVISION
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP: 41 PARCEL: 76157

DATE: 9-18-88
 DRAWN: S.M.S.
 CHECKED: S.M.S.
 SCALE: AS SHOWN

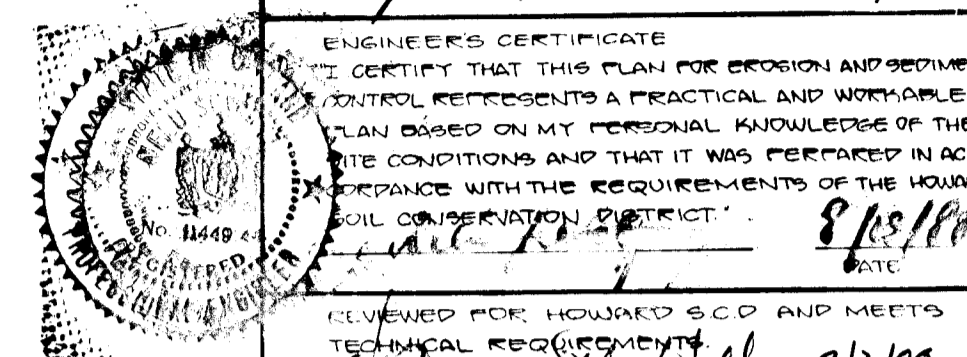
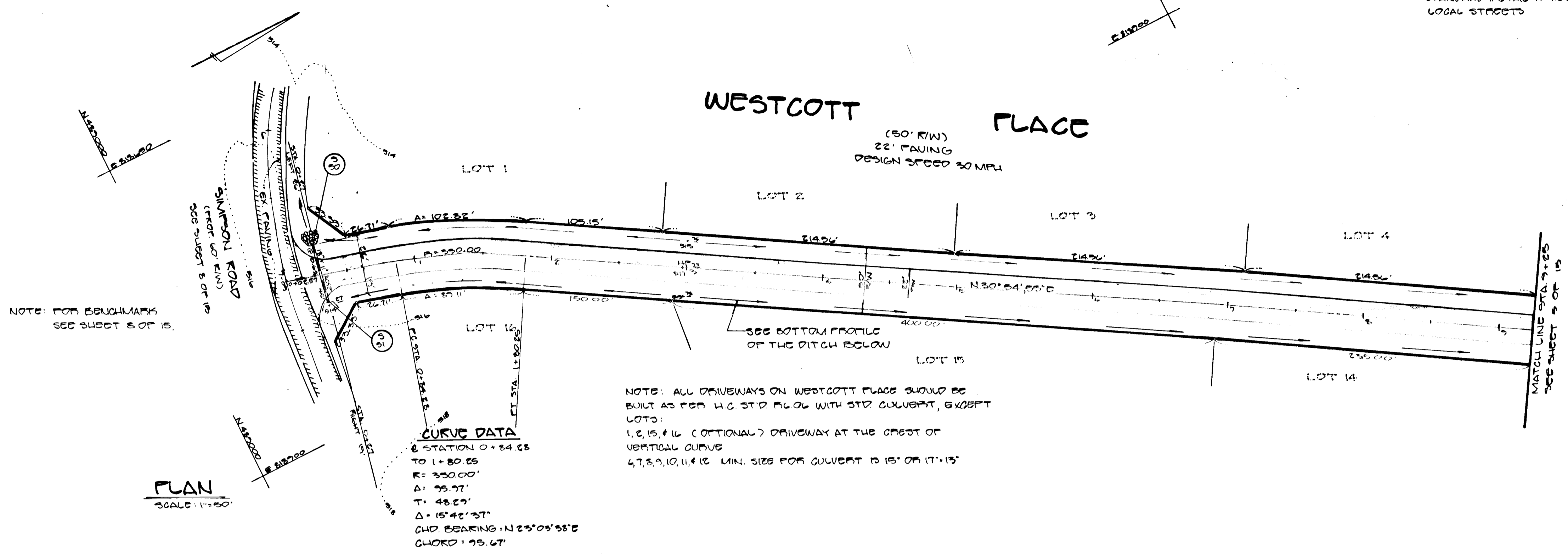
DATE: 9/18/88
 DRAWN: S.M.S.
 CHECKED: S.M.S.
 SCALE: AS SHOWN

Sheet 3 of 15
 PROJECT NO. 208-01



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SETTLEMENT CONTROL, TRUCK WAYS, DRIVES, SWALES, DITCHES, PERIMETER SLOTTES AND ALL SLOPES GREATER THAN 1:1, 2) FOURTEEN (14) DAYS OR TO ALL OTHER DISTURBED OR GRADDED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (SURVEY DIVISION) 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.



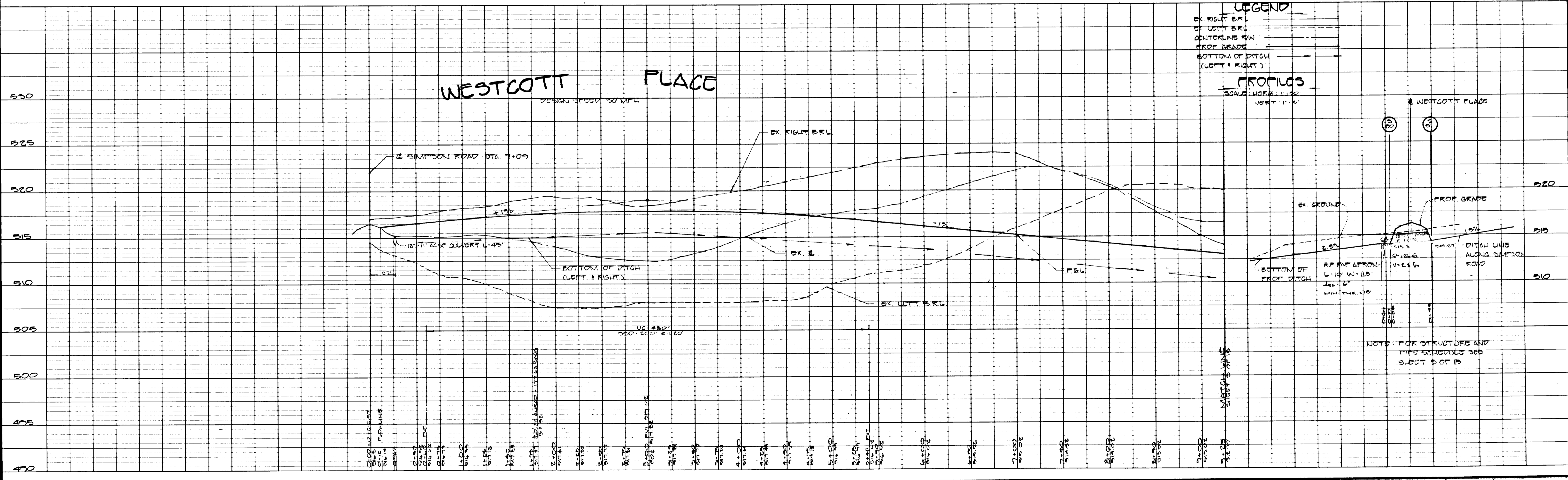
DEVELOPERS CERTIFICATE
 I HAVE CERTIFIED THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENTATION BEFORE BEGINS.

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENTATION 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 HOUSE SOIL CONSERVATION DISTRICT.

APPROVED FOR HOWARD COUNTY AND MEETS TECHNICAL REQUIREMENTS OF THE U.S. SOIL CONSERVATION SERVICE

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING



Contract Purchaser:
 WINCHESTER HOMES
 6301 IVY LANE S. 174
 GREENBELT, MD 20770
 (301) 220-1117

NO.	REVISIONS	DATE

DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

STREET GRADE, STORM DRAIN, AND PAVING PLAN
 SECTION ONE
 ASHLEIGH GREENE SUBDIVISION
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 41 PARCEL 70-157

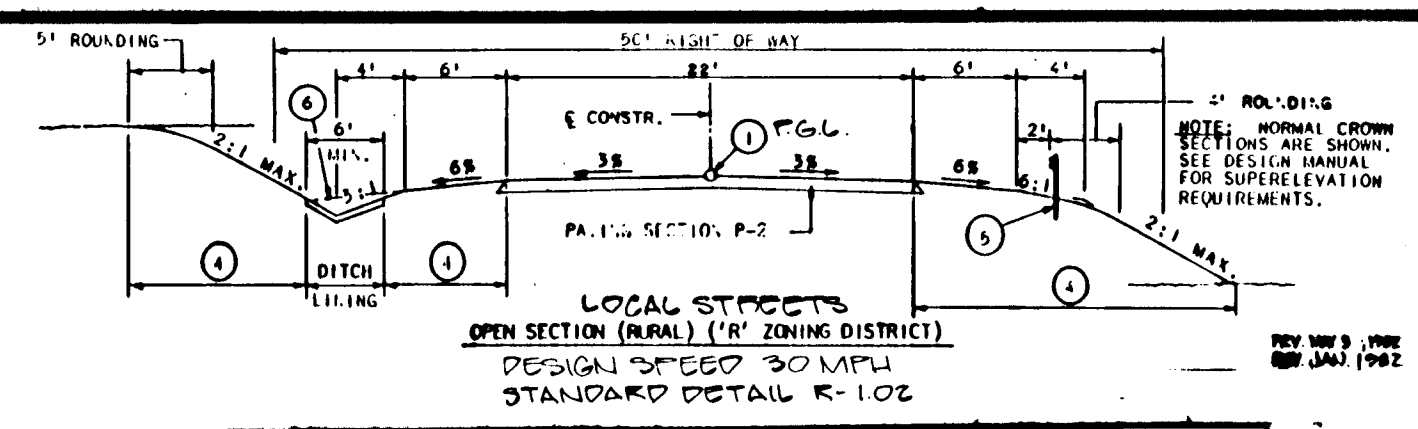
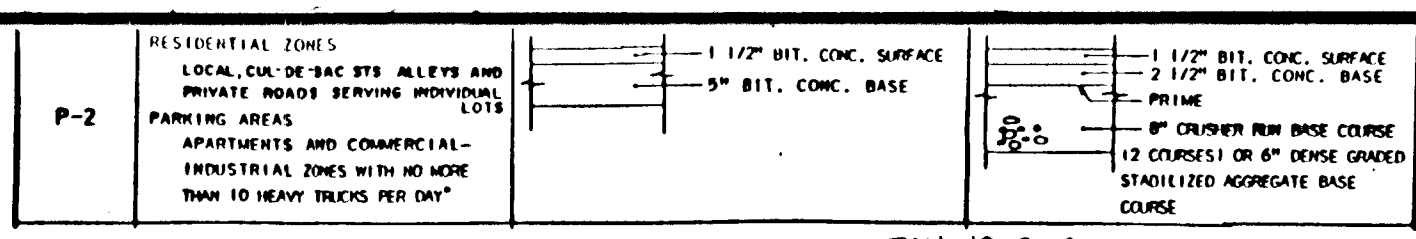
DATE: APRIL 1988
 DRAWN: S.M.B.
 CHECKED: M.L.D.
 SCALE: AS SHOWN

Sheet 4 of 15
 PROJECT NO. 205-01

1300

STRUCTURE SCHEDULE				
No.	TYPE	TOP ELEVATION		REMARKS
		UPPER	OUT	
1	2" DIA. METAL END ZONE	420.0	420.0	2R 261
2	4" DIA. METAL END ZONE	420.4	420.4	2R 261
3	6" DIA. METAL END ZONE	420.4	420.4	2R 261
4	8" DIA. METAL END ZONE	420.4	420.4	2R 261
5	10" DIA. METAL END ZONE	420.4	420.4	2R 261
6	12" DIA. METAL END ZONE	420.4	420.4	2R 261
7	14" DIA. METAL END ZONE	420.4	420.4	2R 261
8	16" DIA. METAL END ZONE	420.4	420.4	2R 261
9	18" DIA. METAL END ZONE	420.4	420.4	2R 261
10	20" DIA. METAL END ZONE	420.4	420.4	2R 261
11	22" DIA. METAL END ZONE	420.4	420.4	2R 261
12	24" DIA. METAL END ZONE	420.4	420.4	2R 261
13	26" DIA. METAL END ZONE	420.4	420.4	2R 261
14	28" DIA. METAL END ZONE	420.4	420.4	2R 261
15	30" DIA. METAL END ZONE	420.4	420.4	2R 261

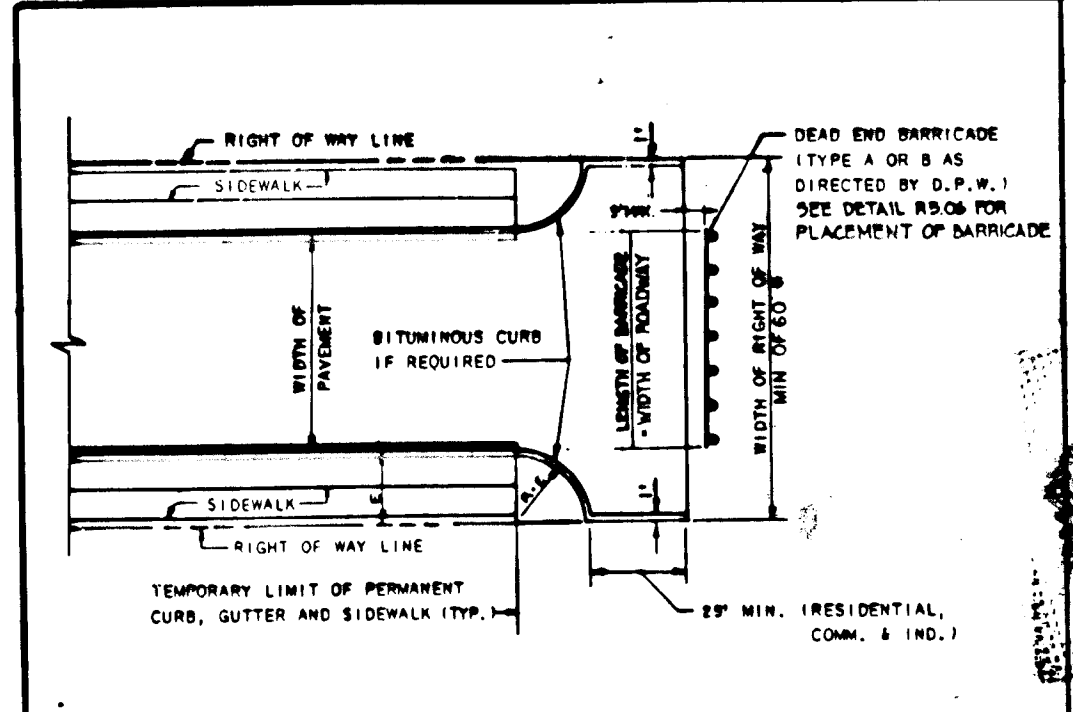
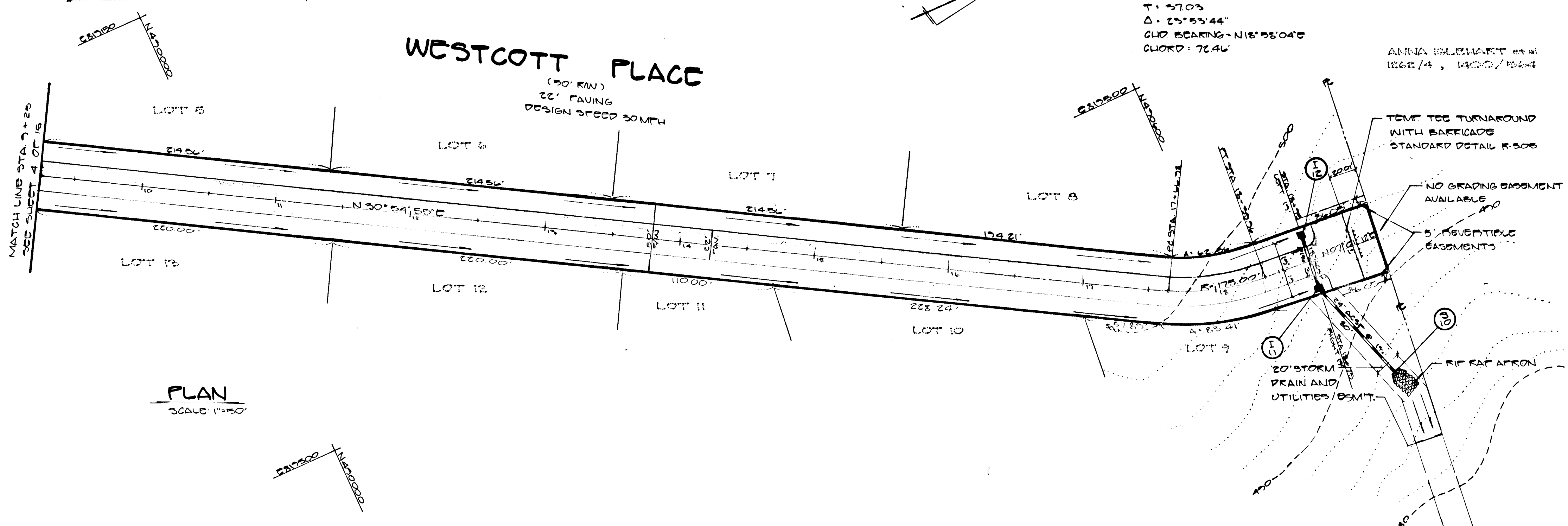
PIPE SCHEDULE		
TYPE	SIZE	LENGTH
ACST	18"	38 LF 1822
ACST	24"	30 LF 1822
ACST	30"	42 LF 1822



NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTOR (CITY ENGINEER) WITHIN 10 BUSINESS HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-1272.

DEVELOPER'S CERTIFICATE

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 TRAINING PROGRAM FOR THE CONSTRUCTION OF TEMPORARY TURNAROUNDS AND BARRICADES BEFORE BEING PERMITTED TO CONSTRUCT.



NOTES:

- A TEE TURNAROUND SHALL BE USED IN LIEU OF A CUL-DE-SAC ONLY IF THE STREET IS TO BE EXTENDED IN THE FUTURE.
- BITUMINOUS CURBS SHALL EXTEND AROUND THE TEE TURNAROUND IF AND AS REQUIRED TO CONTROL CURB DRAINAGE FROM THE ROADWAY SECTION.
- REFER TO STANDARD R-308 FOR TYPICAL ROADWAY PROFILE OF TEMPORARY LIMIT OF PAVING.
- PROVIDE EASEMENTS AS REQUIRED FOR PLACEMENT OF BARRICADE AND ANY NECESSARY GRADING (SEE DETAIL R-102).

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS
Approved: [Signature] 1-18-01
Chief - Bureau of Engineering

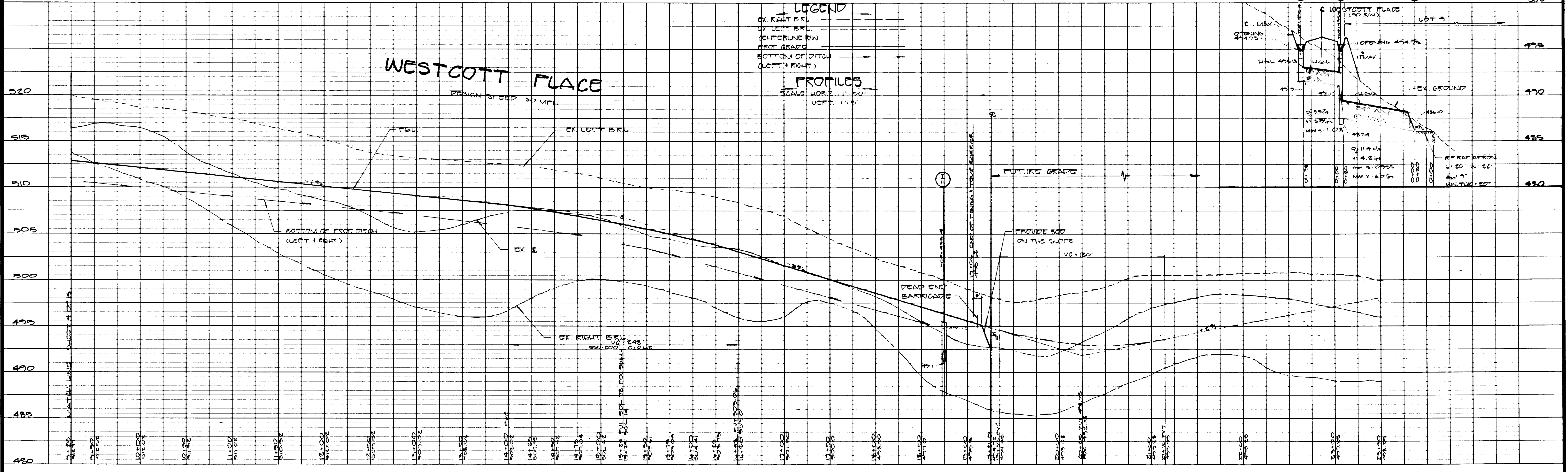
TEMPORARY TEE TURNAROUND
NO SCALE
1-18-01

ENGINEER'S CERTIFICATE

I/WE 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 COUNTY EROSION CONTROL ACT.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
CHIEF, LAND DEVELOPMENT DIVISION
[Signature] 2/3/08
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
[Signature] 2-2-08
DATE



NO.	REVISIONS	DATE

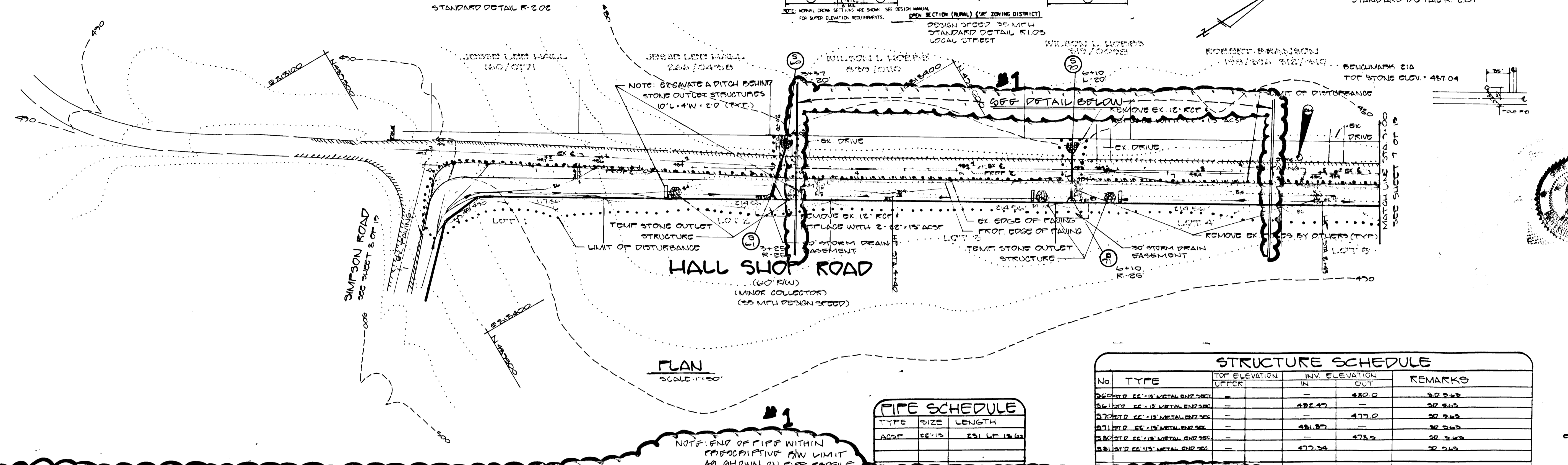
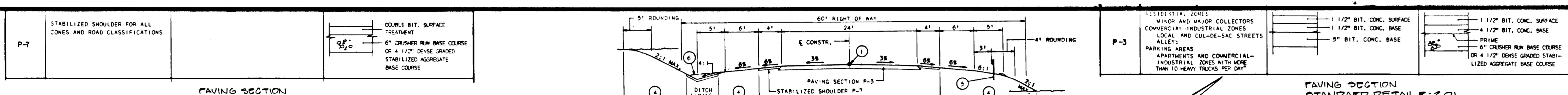
DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

STREET GRADE, STORM DRAIN, AND PAVING PLAN
SECTION ONE
ASHLUGH GREENE SUBDIVISION
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 PARCEL 307

DATE: APRIL 1998
DRAWN: S.M.E.
CHECKED: M.W.S.
SCALE: AS SHOWN

Sheet 5 of 15
PROJECT NO. 208-01

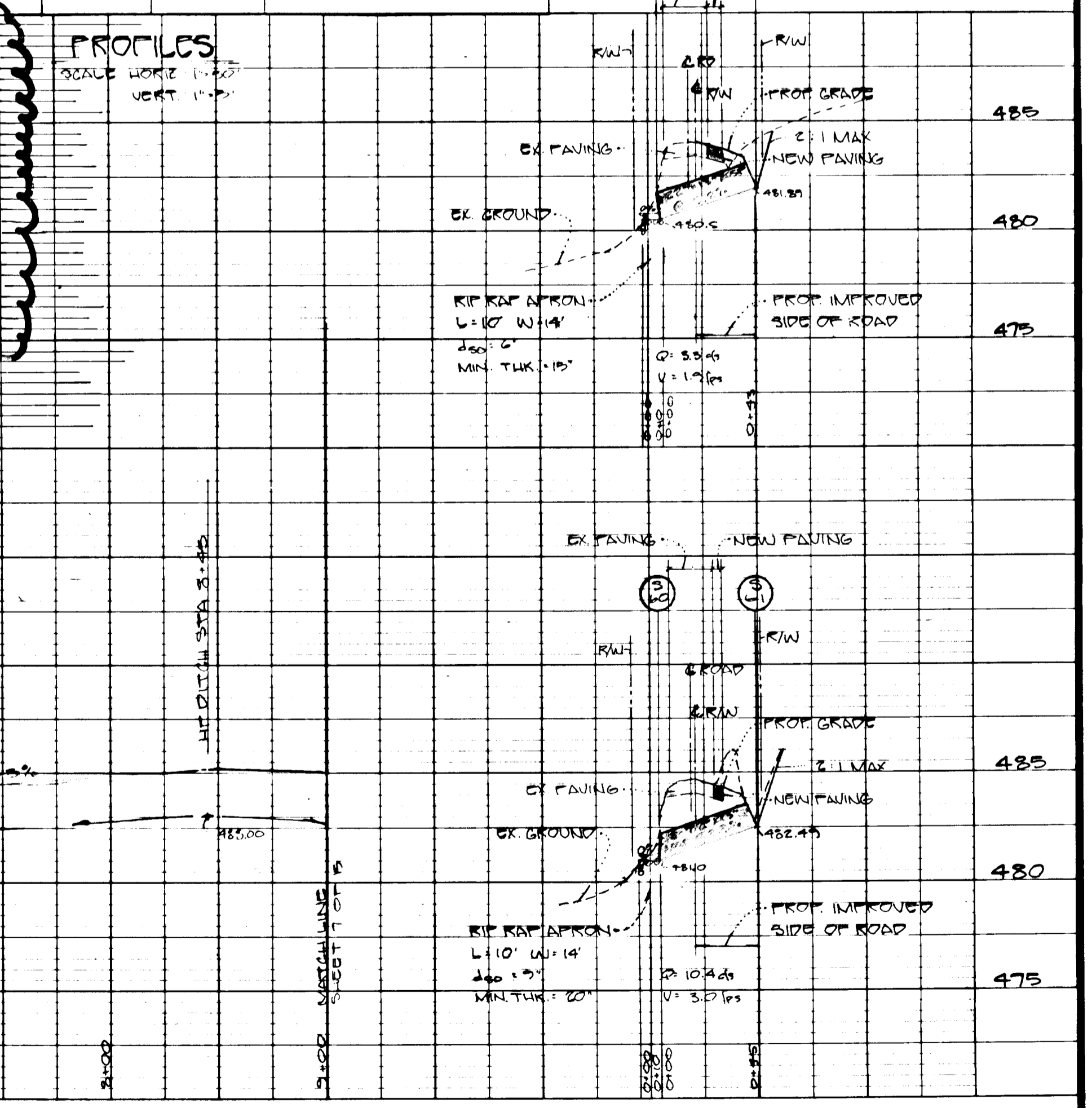
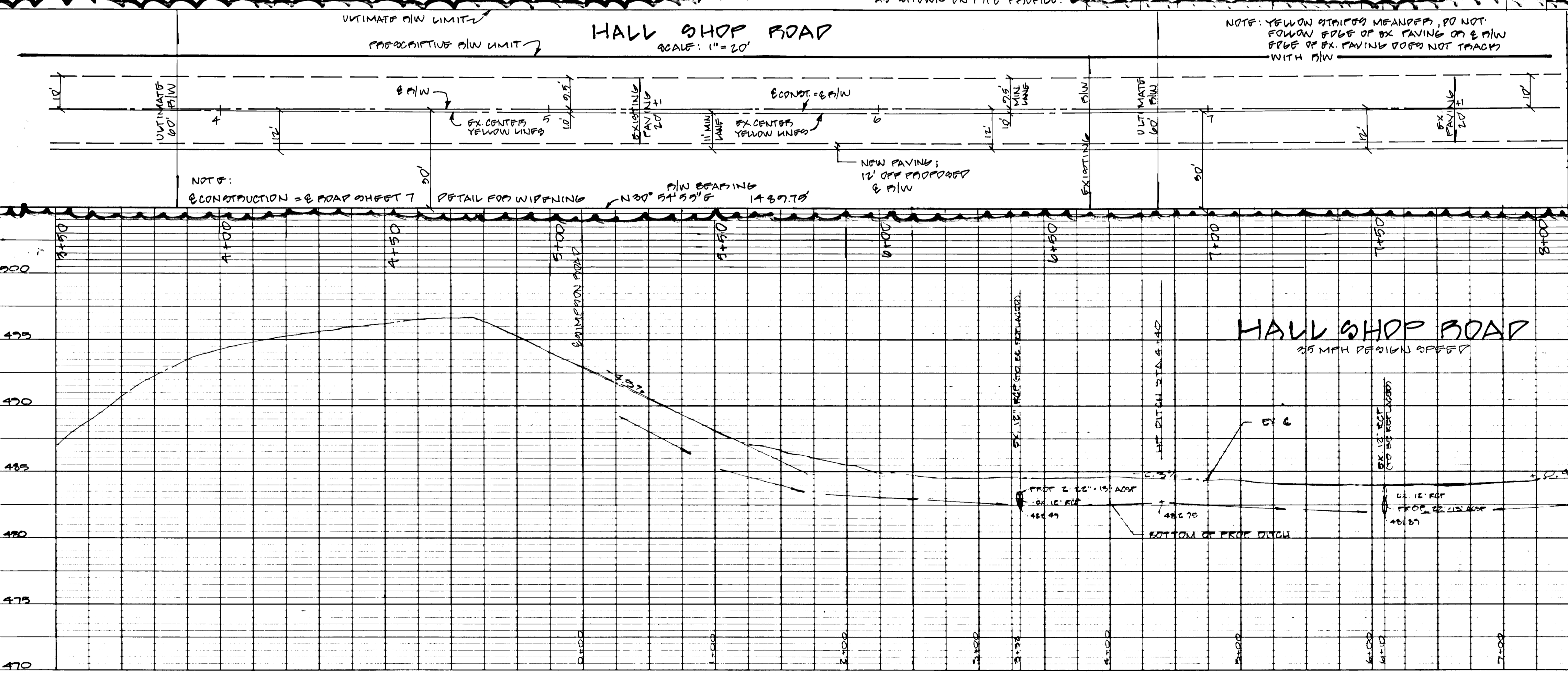


PIPE SCHEDULE

TYPE	SIZE	LENGTH
ADCP	12" x 15"	23' L.F. (10' x 15')

STRUCTURE SCHEDULE

No.	TYPE	TOP ELEVATION	INV. ELEVATION	REMARKS
260112	12" x 15" METAL END SOG	-	482.0	30' x 15'
260113	12" x 15" METAL END SOG	-	482.47	30' x 15'
260114	12" x 15" METAL END SOG	-	477.0	30' x 15'
260115	12" x 15" METAL END SOG	-	481.87	30' x 15'
260116	12" x 15" METAL END SOG	-	478.5	30' x 15'
260117	12" x 15" METAL END SOG	-	477.24	30' x 15'



FOLLOWING INITIAL SOIL DISTURBANCE OR REVISIONS...
 URBAN PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SETTLEMENT CONTROL, EROSION CONTROL, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; (2) FOURTEEN (14) DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE
 I HAVE CERTAIN 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 TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEING PERMITTED TO BEGIN WORK.
 DATE: 4/2/08

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS DESIGN AND SPECIFICATIONS REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOUSE BILL FOR THE CONTROL OF EROSION AND SEDIMENT.
 DATE: 4/2/08

APPROVED FOR HOWARD COUNTY MEETING
 DATE: 4/2/08

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 4/2/08

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE: 4/2/08

Contract Purchaser:
 WINCHESTER HOMES
 6301 WYLANE 2 174
 GREENBELT, MD 20770
 (301) 220-1117

NO.	REVISIONS	DATE
1	REVISED ROAD IMPROVEMENT ON HALL SHOP ROAD FROM STATION 3+10 TO 5+00	12-5-07

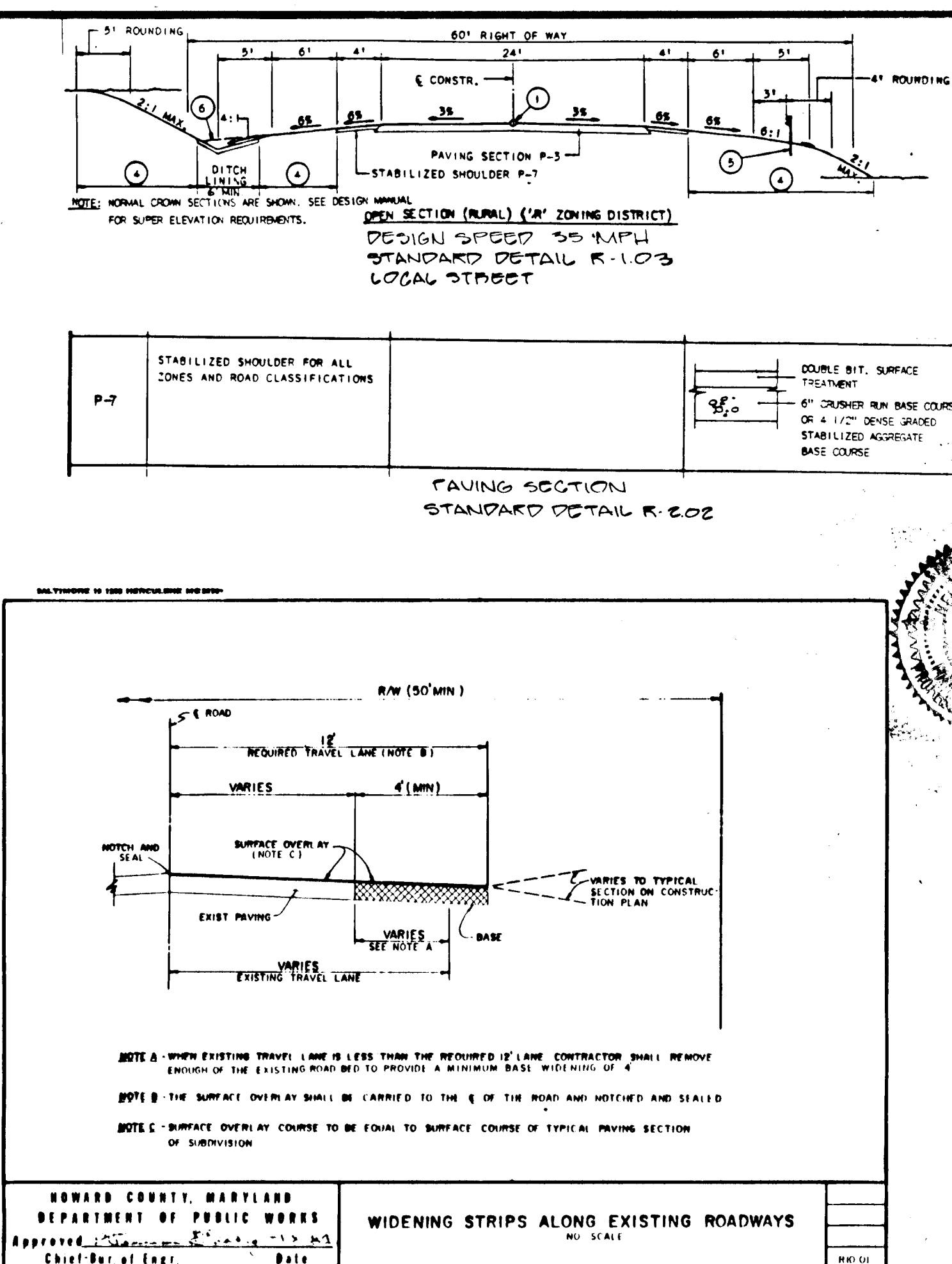
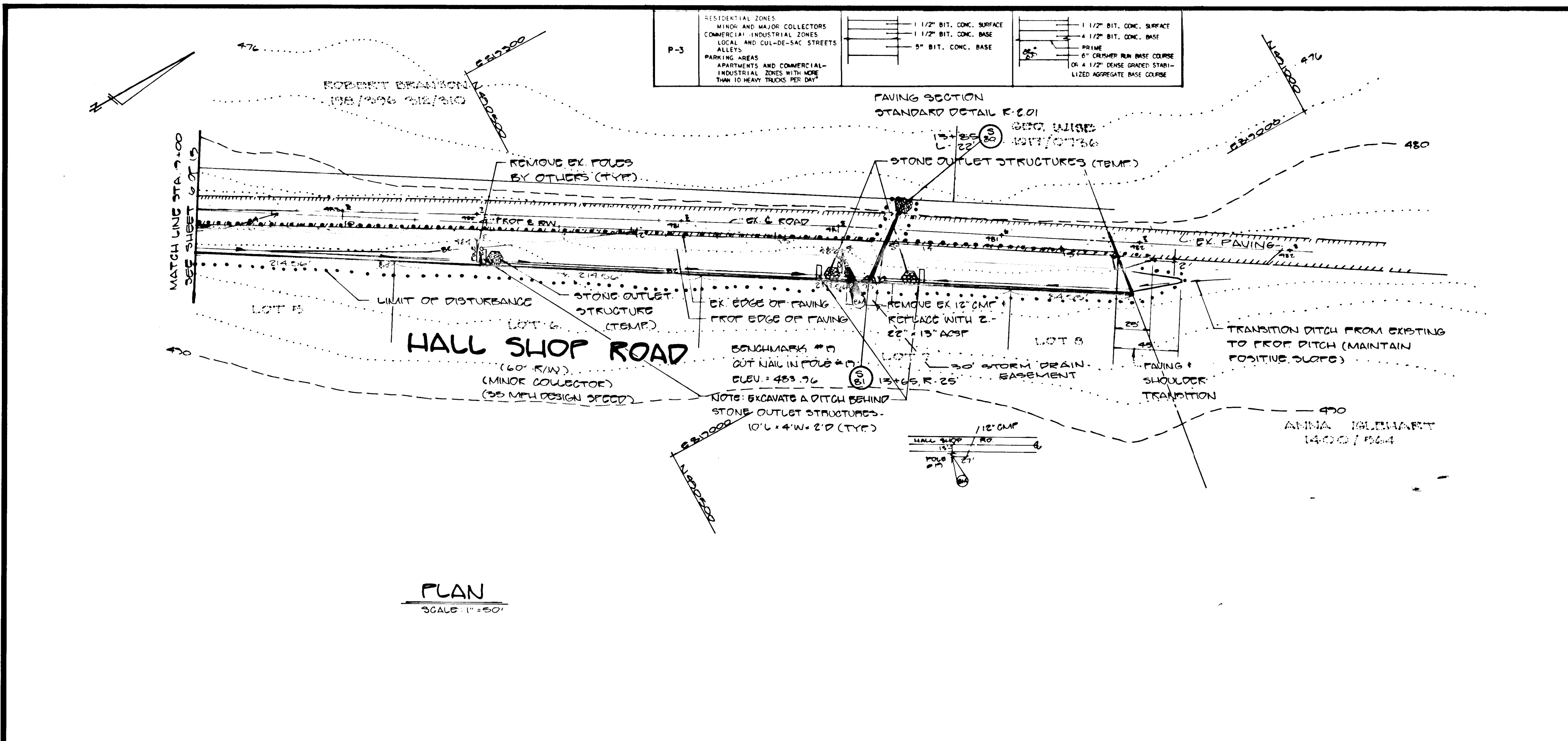
DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

ROAD IMPROVEMENT PLAN - HALL SHOP ROAD
 SECTION ONE
 ASHLEIGH GREENE SUBDIVISION
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 41 PARCEL 74157

DATE: 4-2-08
 DRAWN: S.M.B.
 CHECKED: M.S.D.
 SCALE: AS SHOWN

Sheet 6 of 15
 PROJECT NO. 208-01



FOLLOWING INITIAL SOIL DISTURBANCE OR REEPTURANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEGMENT CONTROL STRUCTURES, DITCHES, WALLS, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; 2) FORTY-EIGHT (48) DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (CONVEY DIVISION) 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 7:30-12:15.

DEVELOPER'S CERTIFICATE

I, ASHLEIGH GREENE, HAVE CERTIFIED 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 REQUIRED TRAINING PROGRAM FOR THE CONSTRUCTION OF PERIMETER AND REGION BEFORE BEING PERMITTED TO CONSTRUCT.

Ashleigh Greene
DATE: 9/21/88

ENGINEER'S CERTIFICATE

I, LESLIE S. WATSON, 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 COUNTY DEPARTMENT OF PUBLIC WORKS.

Leslie S. Watson
DATE: 9/21/88

APPROVED FOR HOWARD COUNTY AND MEETS ALL REQUIREMENTS OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Robert J. Johnson
DATE: 9/21/88

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Donald J. Johnson
DATE: 9/21/88

CHIEF, LAND DEVELOPMENT DIVISION

William W. McDaniel
DATE: 9/21/88

CHIEF, BUREAU OF HIGHWAYS

William W. McDaniel
DATE: 9/21/88

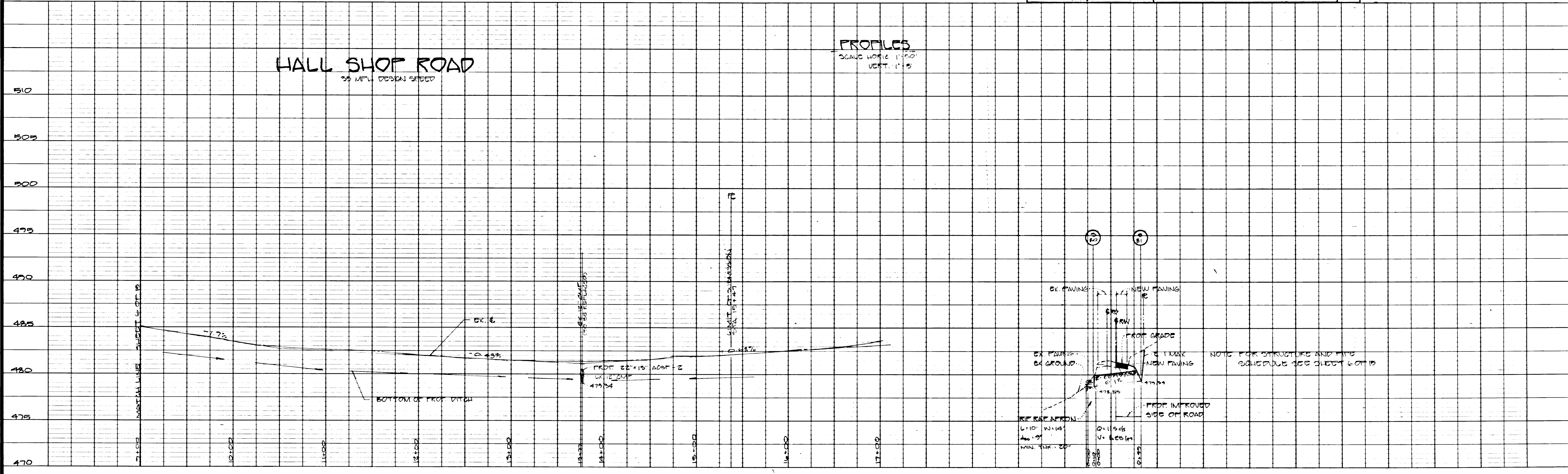
CHIEF, BUREAU OF ENGINEERING

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

Janice J. McLaughlin
DATE: 9-21-88

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

LES



Contract Purchaser: WINCHESTER HOMES 6501 IY LANE S. 174 GREENBELT, MD 20770 (301) 220-1117	NO.	REVISIONS	DATE

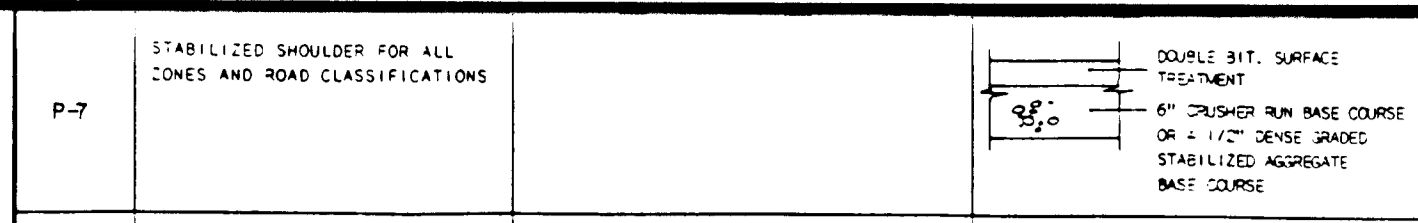
DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

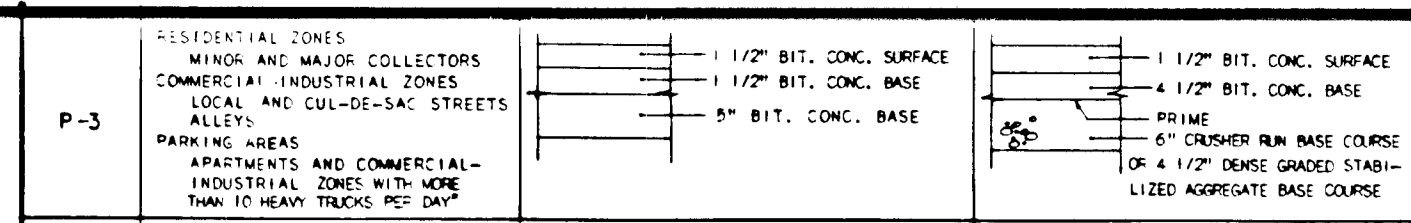
ROAD IMPROVEMENT PLAN - HALL SHOP ROAD
SECTION ONE
ASHLEIGH GREENE SUBDIVISION
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 PARCEL 157

DATE: APRIL 1988
DRAWN: JMS
CHECKED: MJS
SCALE: AS SHOWN

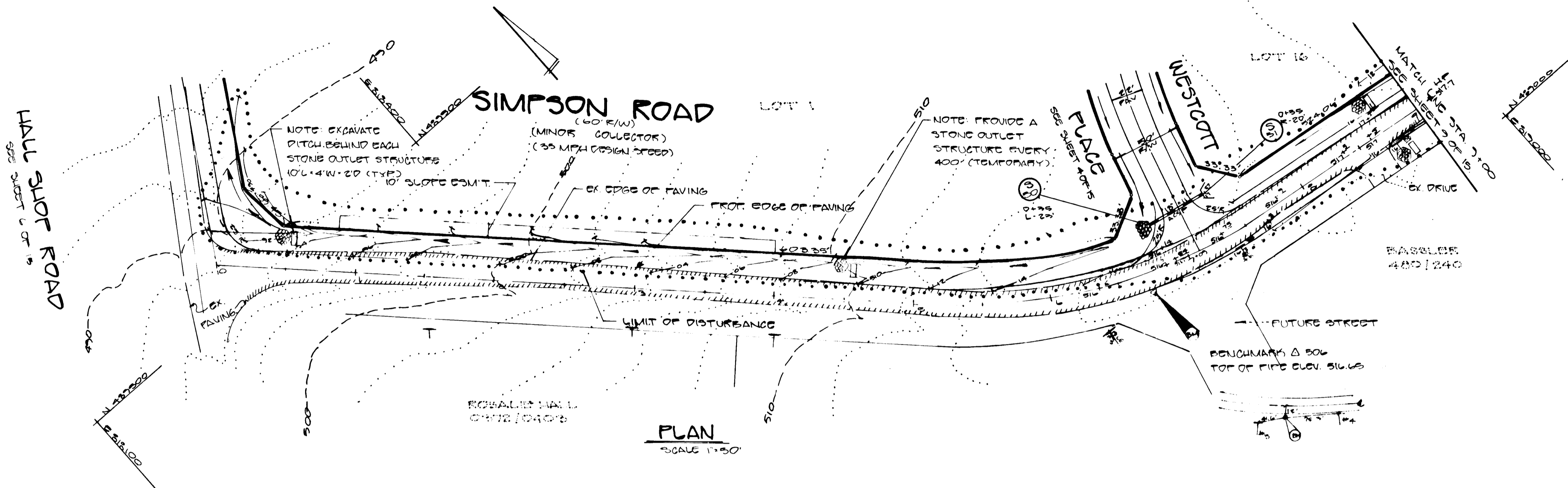
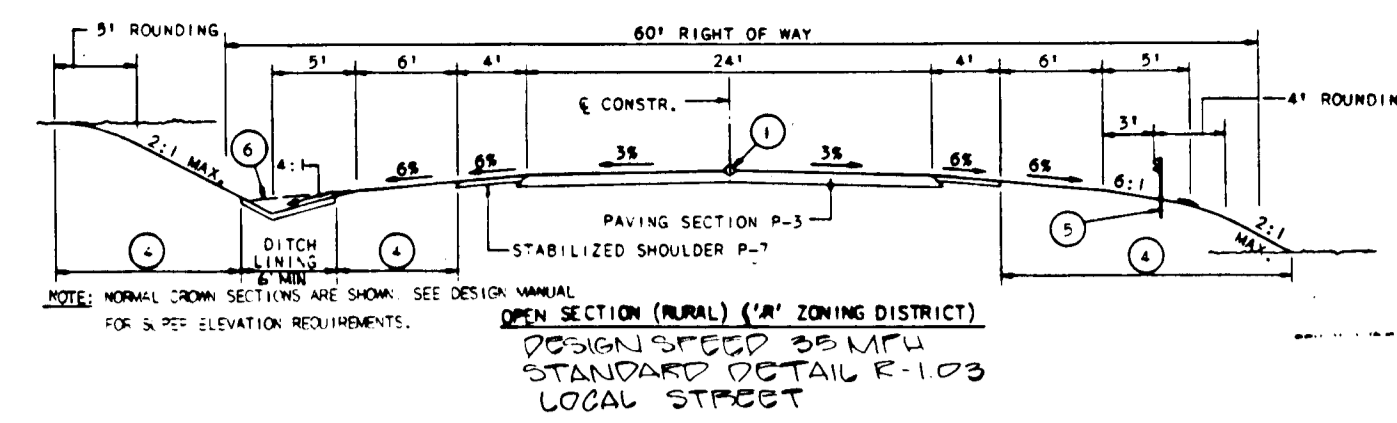
Sheet 7 of 15
PROJECT NO. 208-01



PAVING SECTION
STANDARD DETAIL R-202



PAVING SECTION
STANDARD DETAIL R-201



PLAN
SCALE 1"=50'

FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORATION PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SLOPES OF CONTROL STRUCTURES, DITCHES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 1:1, 2) FOURTEEN (14) DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE COMPLETION INSPECTION (CIVIL ENGINEER) 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE

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 EROSION AND SEDIMENTATION BEFORE BEING PERMITTED TO PROCEED.

ENGINEER'S CERTIFICATE

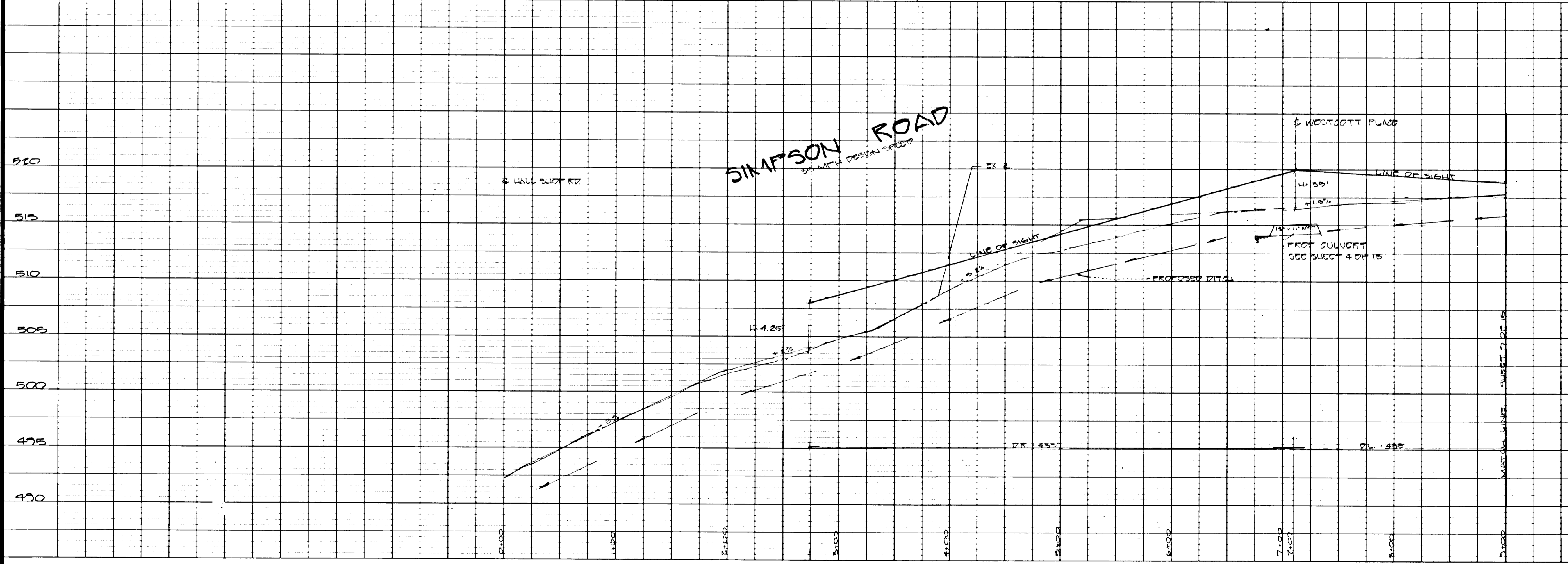
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENTATION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY EROSION CONTROL ACT AND THE HOWARD COUNTY SOIL CONSERVATION SERVICE.

APPROVED FOR HOWARD COUNTY AND MEETING LOCAL REQUIREMENTS:

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
CHIEF, LAND DEVELOPMENT DIVISION
CHIEF, BUREAU OF HIGHWAYS
CHIEF, BUREAU OF ENGINEERING

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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



Contract Purchaser:
WINCHESTER HOMES
6301 IUY LANE S. 174
GREENBELT, MD 20770
(301) 220-1117

NO.	REVISIONS	DATE

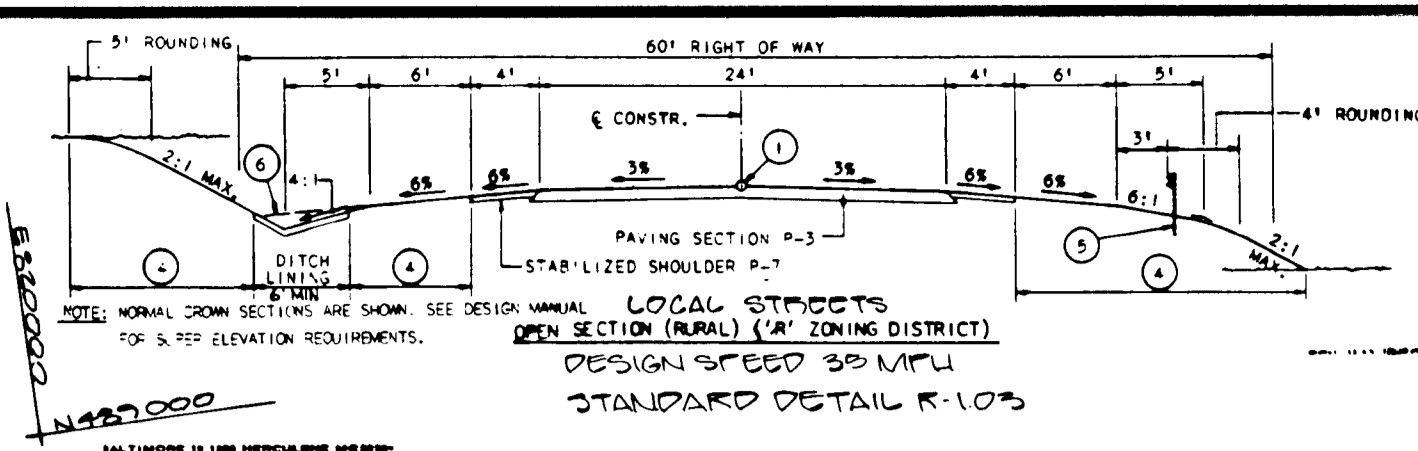


DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

ROAD IMPROVEMENT PLAN - SIMPSON ROAD
SECTION ONE
ASHLEIGH GREENE SUBDIVISION
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 PARCEL 2615

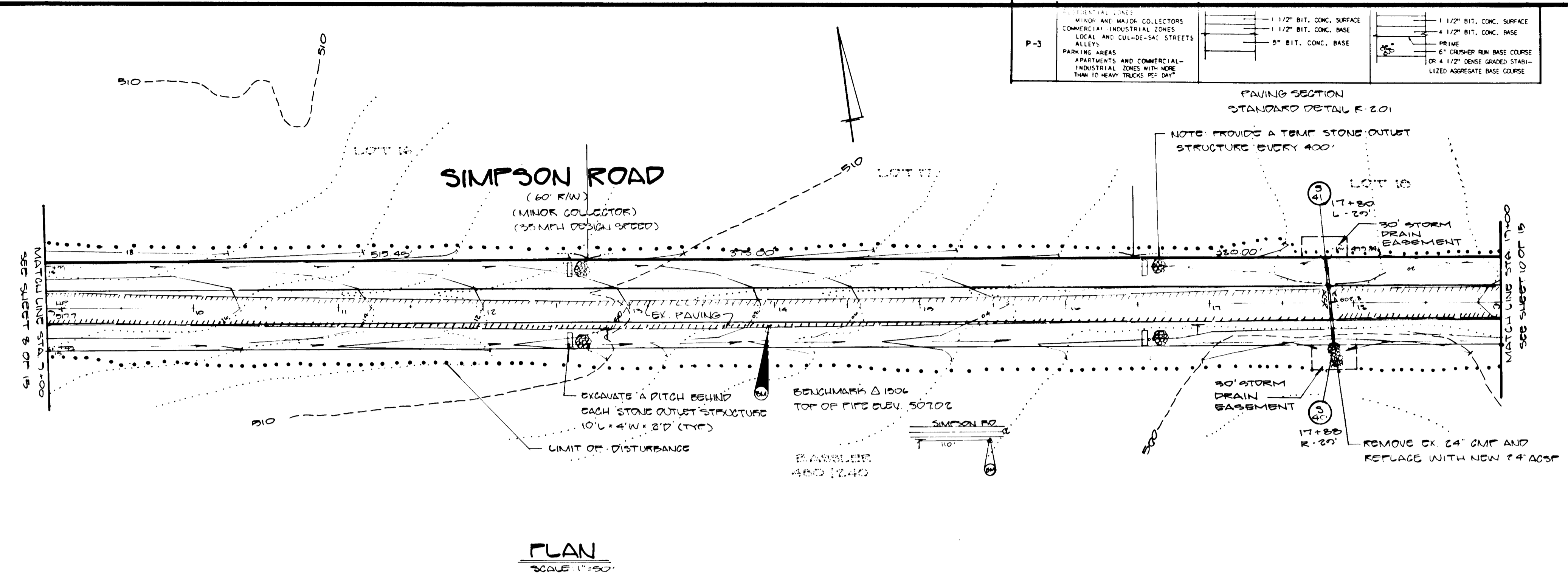
DATE	Sheet
APPROVED DRAWN	8
CHECKED	of 15
M.L.S. SCALE	PROJECT NO.
	208-01

P-3 MINOR AND MAJOR COLLECTORS COMMERCIAL INDUSTRIAL ZONES LOCAL AND CUL-DE-SAC STREETS ALLEYS PARKING AREAS APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 4 1/2" BIT. CONC. BASE 4" BIT. CONC. BASE 6" CRUSHER RUN BASE COURSE OR 4 1/2" DENSE GRADED STABILIZED APPROPRIATE BASE COURSE
--	---	--

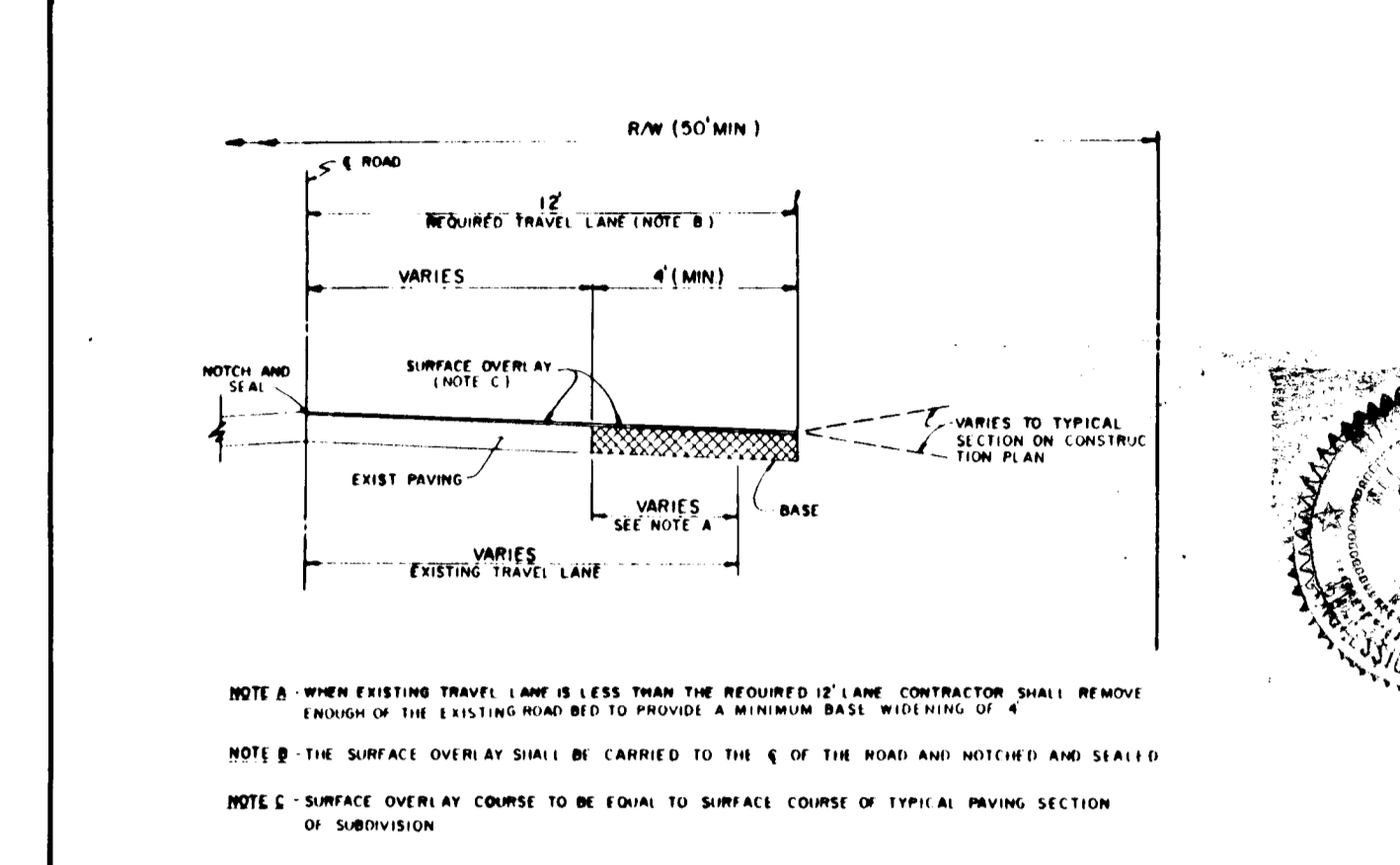


FOLLOWING INITIAL SOIL DISTURBANCE OF REPAIR
URGENCY, PERMANENT OR TEMPORARY STABILIZATION
SHALL BE COMPLETED WITHIN (1) SEVEN (7) CALENDAR
DAYS FOR ALL PERIMETER SEGMENT CONTROL STRUCTURE
DIPS, DIPS, SWALES, DITCHES, PERIMETER GROTES AND
ALL SLOPES GREATER THAN 1:1. (2) FOURTEEN (14) DAYS AS
TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJ-
ECT SITE

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT
THE CONSTRUCTION INSPECTOR (AGENCY DIVI-
SION) 24 HOURS IN ADVANCE OF COMMENCEMENT
OF WORK AT 7:02-12:12



PLAN
SCALE 1"=50'



HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
APPROVED: [Signature] DATE: 9/2/00
Chief Div. of Eng.

WIDENING STRIPS ALONG EXISTING ROADWAYS

DEVELOPER'S CERTIFICATE
"I HEREBY 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 TREATMENT OF NATURAL RES-
OURCES APPROVED TRAINING PROGRAM FOR THE
CONSTRUCTION OF THIS PROJECT AND DESIGN BEFORE BE-
GINS CONSTRUCTION OF THIS PROJECT."
[Signature] DATE: 9/2/00

ENGINEER'S CERTIFICATE
"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 HAS BEEN PREPARED IN ACC-
ORDANCE WITH THE REQUIREMENTS OF THE HOWARD
COUNTY EROSION CONTROL DISTRICT."
[Signature] DATE: 9/2/00

APPROVED FOR HOWARD S.C.D. AND MEETS
REQUIREMENTS OF THE HOWARD COUNTY
SOIL CONSERVATION SERVICE
[Signature] DATE: 9/2/00

THIS DEVELOPMENT PLAN IS APPROVED FOR
SOIL EROSION AND SEDIMENT CONTROL BY THE
HOWARD COUNTY EROSION CONTROL DISTRICT
[Signature] DATE: 9/2/00

APPROVED HOWARD COUNTY DEPARTMENT OF
PUBLIC WORKS
[Signature] DATE: 9/2/00
CHIEF LAND DEVELOPMENT DIVISION

APPROVED HOWARD COUNTY DEPARTMENT OF
PUBLIC WORKS
[Signature] DATE: 9/2/00
CHIEF BUREAU OF HIGHWAYS

APPROVED HOWARD COUNTY OFFICE OF PLAN-
NING & ZONING
[Signature] DATE: 9-21-00
CHIEF DIVISION OF COMMUNITY PLAN-
NING AND LAND DEVELOPMENT

PAVING SECTION
STANDARD DETAIL R-202

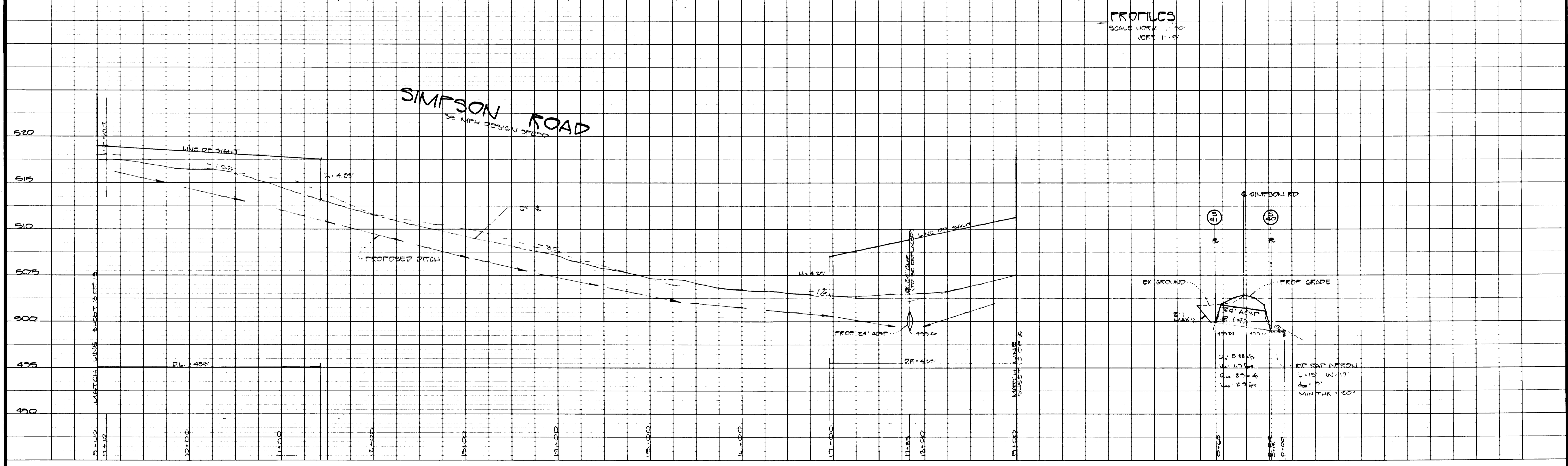
P-7	STABILIZED SHOULDER FOR ALL ZONES AND ROAD CLASSIFICATIONS	DOUBLE BIT. SURFACE TREATMENT OR 4 1/2" DENSE GRADED STABILIZED APPROPRIATE BASE COURSE
-----	--	---

STRUCTURE SCHEDULE

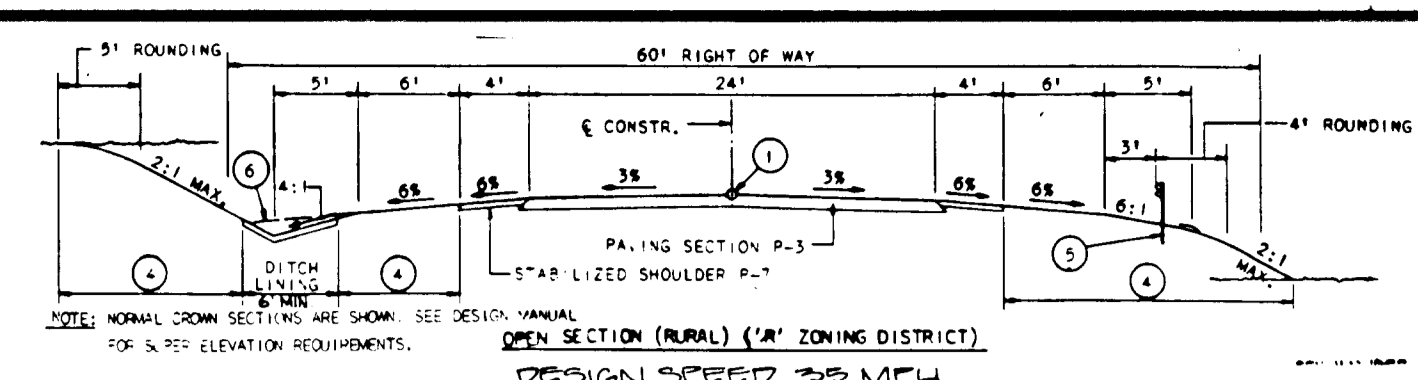
No.	TYPE	TOP ELEVATION UPPER	INV. ELEVATION IN	OUT	REMARKS
1	24" GMP		477.24	477.2	32.3W
2	24" ACSP				32.3W

PIPE SCHEDULE

TYPE	SIZE	LENGTH
ACSP	24"	62 L.F. 18.02

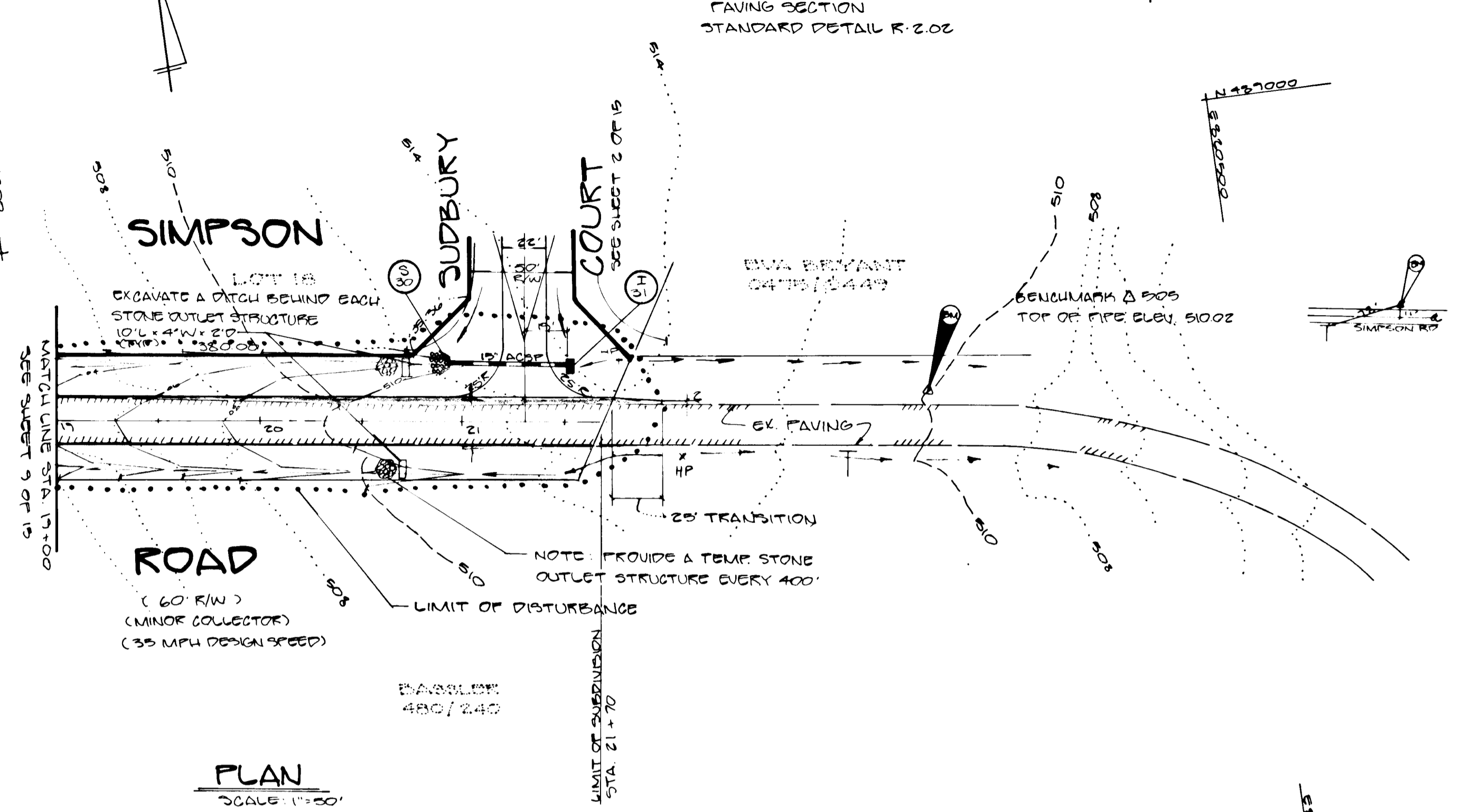


P-7	STABILIZED SHOULDER FOR ALL ZONES AND ROAD CLASSIFICATIONS	DOUBLE BIT. SURFACE TREATMENT 6" DENSER RUN BASE COURSE OR 4 1/2" DENSE GRADED STABILIZED AGGREGATE BASE COURSE	P-3	RESIDENTIAL ZONE MINOR AND MAJOR COLLECTORS COMMERCIAL INDUSTRIAL ZONES LOCAL AND CUL-DE-SAC STREETS ALLEYS PARKING AREAS APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 4 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 4 1/2" BIT. CONC. BASE PRIME 6" CROWDER RUN BASE COURSE OR 4 1/2" DENSE GRADED STABILIZED AGGREGATE BASE COURSE
-----	--	--	-----	---	---	--



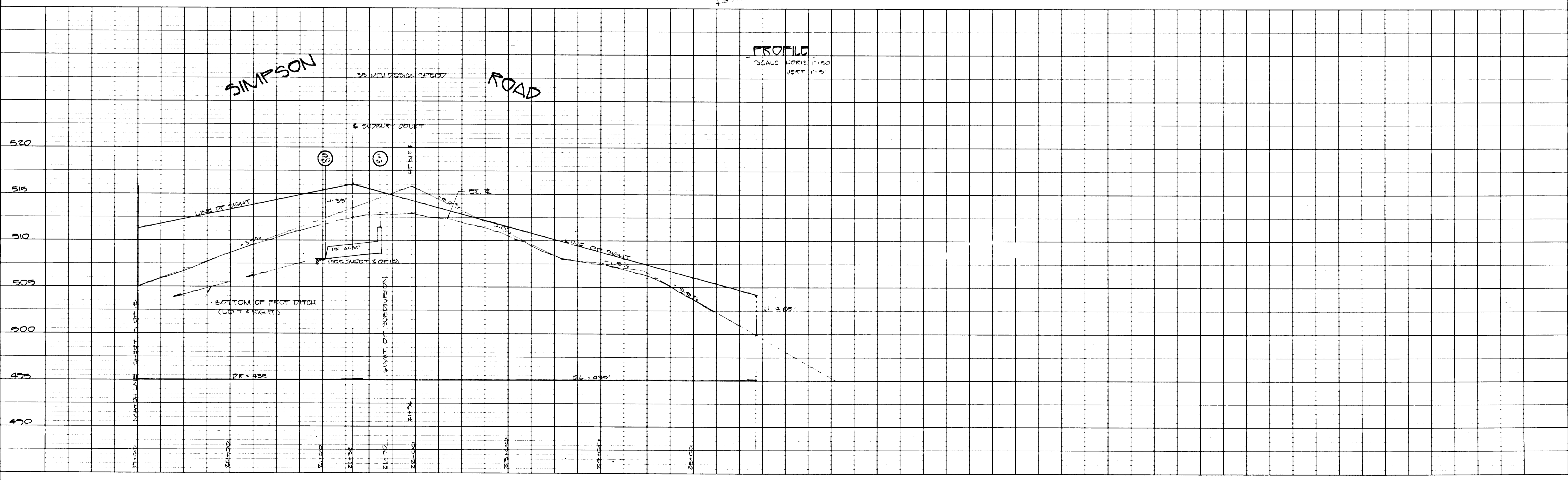
FOLLOWING INITIAL SOIL DISTURBANCE OR RECONSTRUCTION PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SOILS, PERIMETER SLOPES, DITCHES, DRAIN SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 1:1, (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-1212.



PLAN
SCALE: 1"=50'

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



DEVELOPER'S CERTIFICATE

"I HEREBY 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 RECEIVED STATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONSTRUCTION OF EROSION CONTROL MEASURES BEFORE BEING PERMITTED TO BEGIN CONSTRUCTION."

DATE: 9/28/88
LKS

ENGINEER'S CERTIFICATE

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

DATE: 9/28/88
LKS

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

DATE: 9/28/88
HOWARD S.C.D.

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 9/28/88
HOWARD S.C.D.

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 9-21-88
LKS

Contract Purchasers:
WINCHESTER HOMES
6301 IVY LANE 2-174
GREENBELT, MD 20770
(301) 220-1117

NO.	REVISIONS	DATE

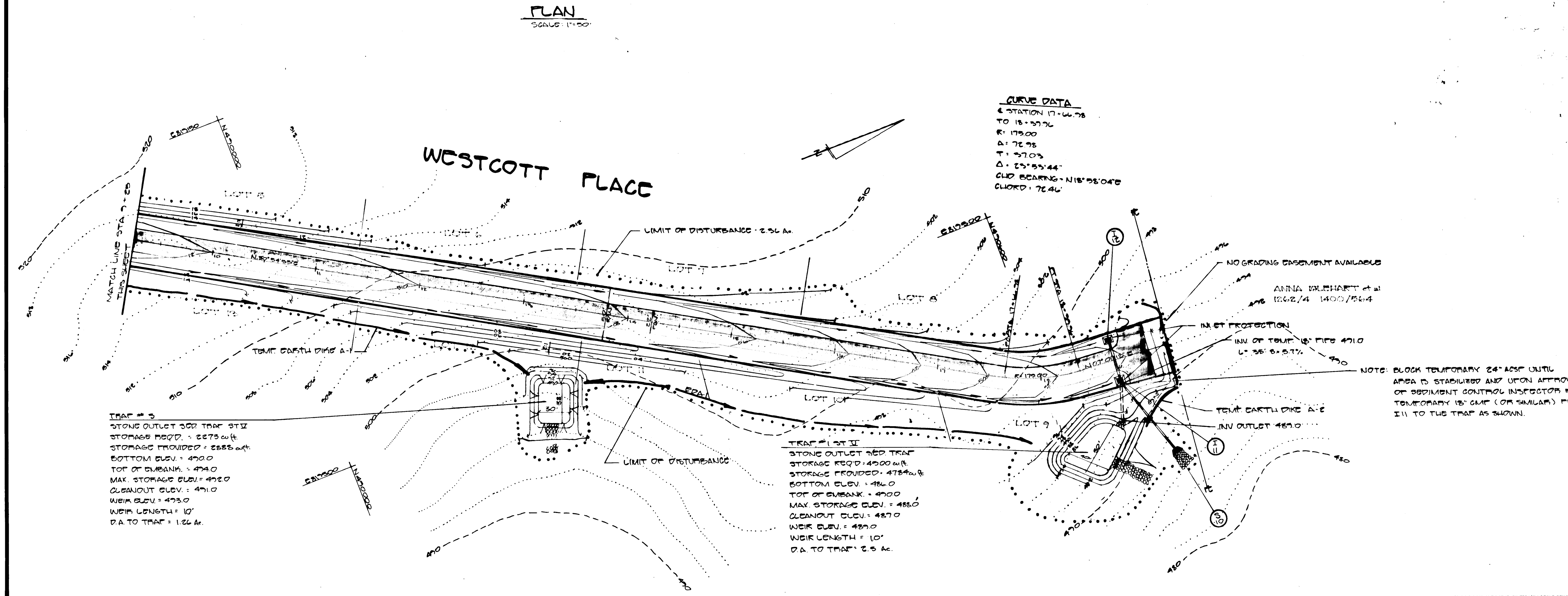
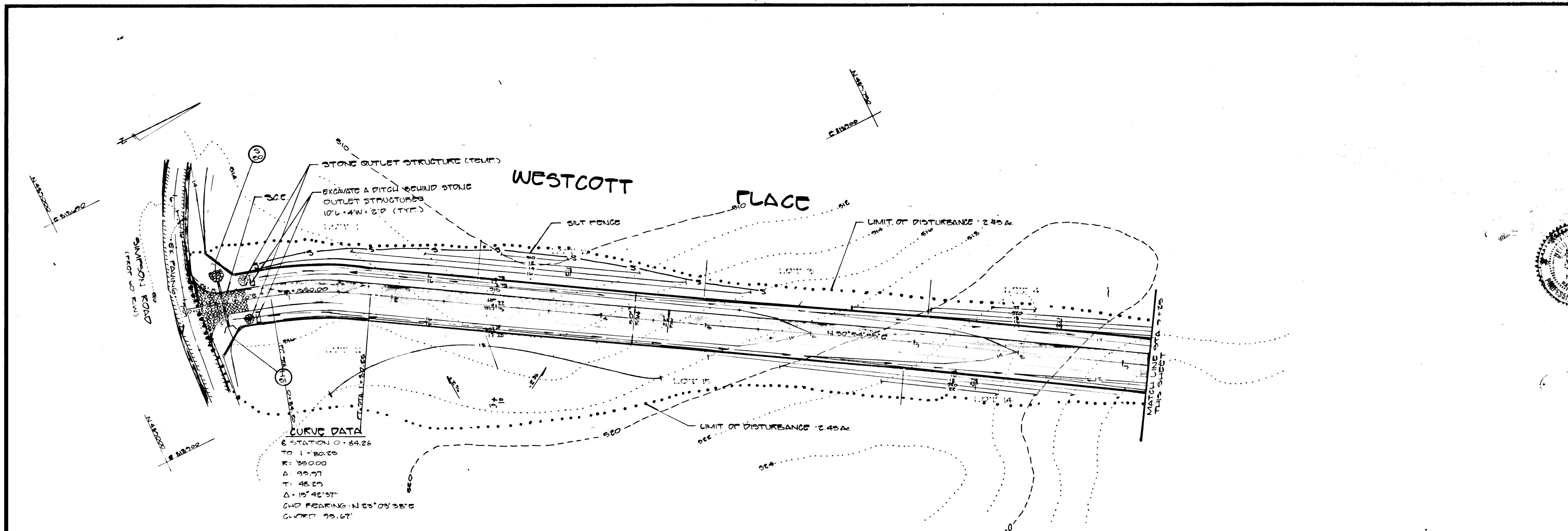


DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

ROAD IMPROVEMENT PLAN - SIMPSON ROAD
SECTION ONE
ASHLEIGH GREENE SUBDIVISION
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 PARCEL 70139

DATE APRIL 1988	Sheet 10 of 15 PROJECT NO. 205-01
DRAWN SME	
CHECKED MLS	
SCALE AS SHOWN	
DATE 9-28-88	

1380



FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORATION PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL APPLICABLE LOTS, DITCHES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; 2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE
 I HEREBY 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 THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONSTRUCTION AND EROSION BEFORE BEGINS. *[Signature]* DATE: 9/12/88

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR DESIGN 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 HOUSES AND EROSION CONTROL DISTRICT. *[Signature]* DATE: 9/12/88

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 9/12/88
 CHIEF, SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 9/12/88
 HOWARD COUNTY

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 9/12/88
 CHIEF, LAND DEVELOPMENT DIVISION

CHIEF, BUREAU OF HIGHWAYS
[Signature] DATE: 9/12/88
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] DATE: 9/12/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

Client and Purchaser:
 WINCHESTER HOMES
 6301 IVY LANE S.174
 GREENBELT, MD. 20770
 (301) 220-1117

NO.	REVISIONS	DATE

DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

STREET GRADING AND SEDIMENT CONTROL PLAN
 SECTION ONE
ASHLEIGH GREENE SUBDIVISION
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP: 41 PARCEL 157

DATE: 9-88-57
 P. 88-54
 P. 88-55
 V.P. 88-124

DATE: 9/12/88
 DRAWN: S.M.P.
 CHECKED: S.M.P.
 SCALE: 1"=50'
 PROJECT NO.: 208-01

Sheet 12 of 15

1380

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 shall 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 seeding (Sec. 51) and (Sec. 52), temporary seeding (Sec. 53) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding rates 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 an operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis: Roads Only
 Total Area of Site: 70.17 Acres
 Area Disturbed: 16.0 Acres
 Area to be paved: 2.0 Acres
 Area to be vegetatively stabilized: 12.0 Acres
 Total Cut: 18.0 Acres
 Total Fill: 17.0 Acres
 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 DPM 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.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

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

- 1) Preferred — Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable — Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (33 lbs/1000 sq ft) before seeding. Narrow 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 (.05 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 the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching — Apply 1/4 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. On slopes 8 ft or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance — Inspect all seeded areas and make needed repairs, replacements and reseedings.

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, if not previously loosened.

Soil Amendments: Apply 60 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 24 bushels per acre of annual ryegrass (1.2 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 1/4 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 gal 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.

Maryland SCS/WRA April 1983

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.

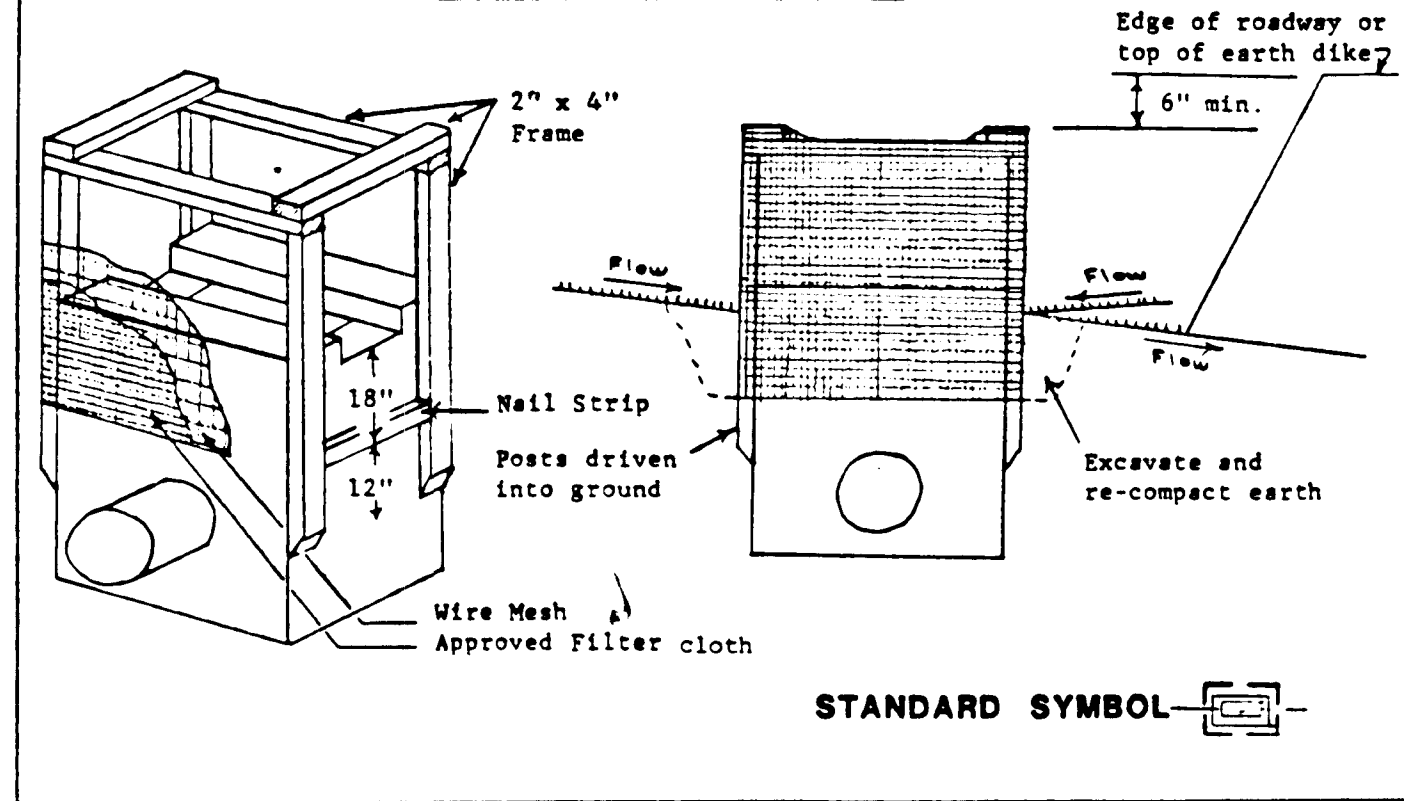
Conditions Where Practice Applies

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 watertight blocking 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 siltation of pipes installed with a low slope angle.

Construction Specifications

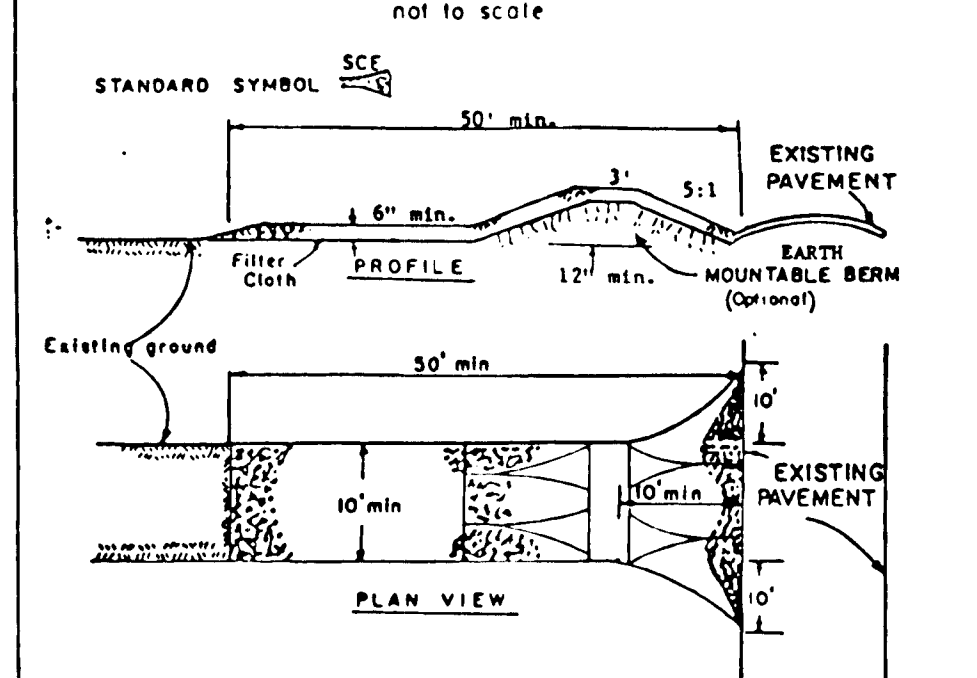
- I. Materials
 - A. Wooden frame is to be constructed of 2" x 4" construction grade lumber.
 - B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.
 - C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, 60S, 40-85, to allow sufficient passage of water and removal of sediment.
 - D. Stone is to be 2" in size and clean, since fines would clog the cloth.
- II. Procedure
 - A. A swale, ditchline or yard inlet protection.
 1. Excavate completely around inlet to a depth of 18" below notch elevation.
 2. Drive 2 x 4 post 1' into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (wire) must be 6" below edge of roadway adjacent to inlet.
 3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
 4. Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
 5. Backfill around inlet in compacted 6" layers until level of earth is even with notch elevation on ends and top elevation on sides.
 6. If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (wire).
 7. This structure must be inspected frequently and the filter fabric replaced when clogged.

SWALE INLET PROTECTION DETAIL



STANDARD SYMBOL

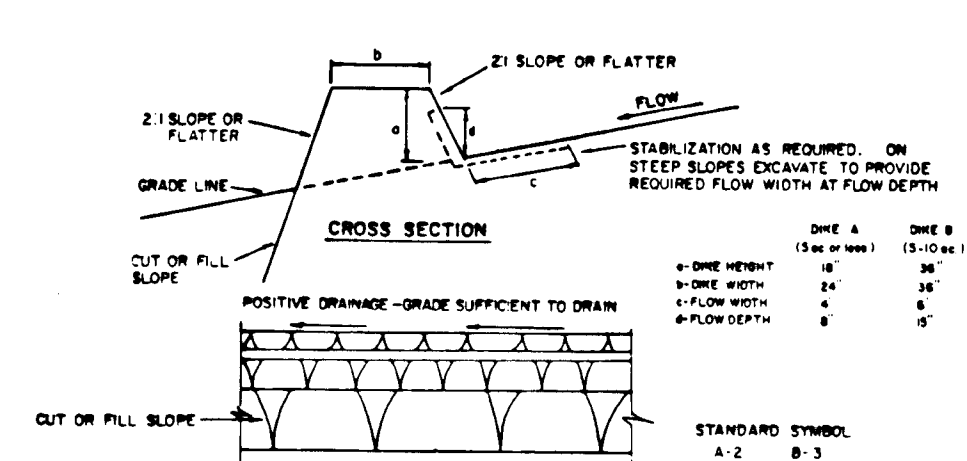
STABILIZED CONSTRUCTION ENTRANCE



1. Stone Size — Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length — As required, but not less than 50 feet (except on a single residential lot where a 30 foot minimum length would apply).
3. Thickness — Not less than six (6) inches.
4. Width — Ten (10) foot minimum, but not less than the full width of private driveway or access way.
5. Filter Cloth — Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water — All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slopes will be permitted.
7. Maintenance — The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing — Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided for each rain.

SOIL CONSERVATION	STABILIZED CONSTRUCTION ENTRANCE	Standard Drawing
NO.	SEC. 7	ST-7

EARTH DIKE



CONSTRUCTION SPECIFICATIONS

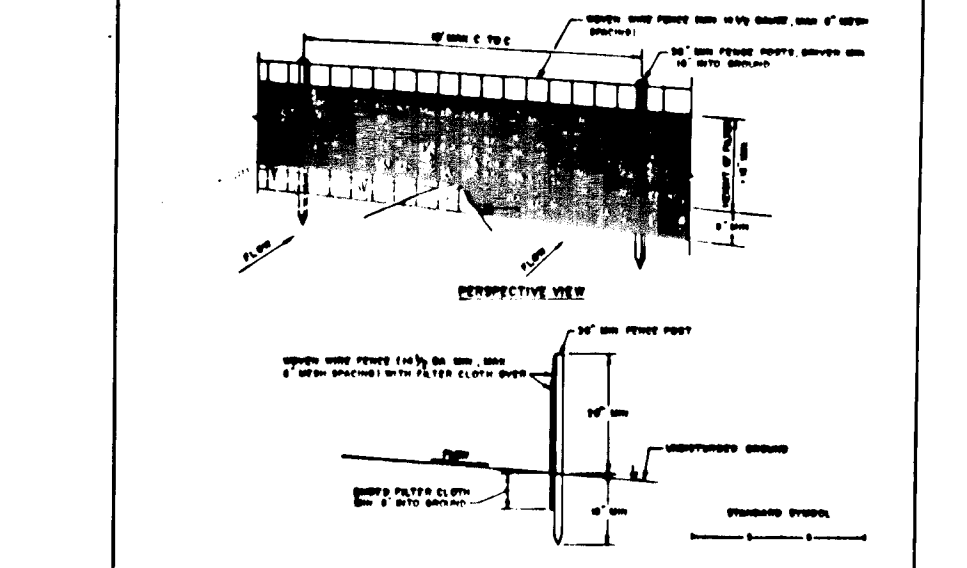
1. ALL DIKES SHALL BE CONSTRUCTED BY EARTH-MOVING EQUIPMENT.
2. DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. PLOUGH SHALL BE CONSIDERED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHETHER EITHER THE DIKE CHANNELED OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT SEPARATELY STABILIZED.
6. STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON; (B) FLOW CHANNEL AS PER THE CHART BELOW.

TYPE OF TREATMENT	FLOW CHANNEL STABILIZATION	
	DIKE A	DIKE B
1	5-3.0E SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0E SEED AND STRAW MULCH	SEED AND STRAW MULCH SECTION: 20' x 20'
3	5.1-8.0E SEED WITH LIME, OR SOIL 2 STONE	LIME RIP-RAP 4'-8"
4	8.1-21.0E	LIME RIP-RAP 4'-8"

NOTE: A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 5 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
 B. AT LEAST TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.
 C. PERIODIC INSPECTION AND NEEDED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

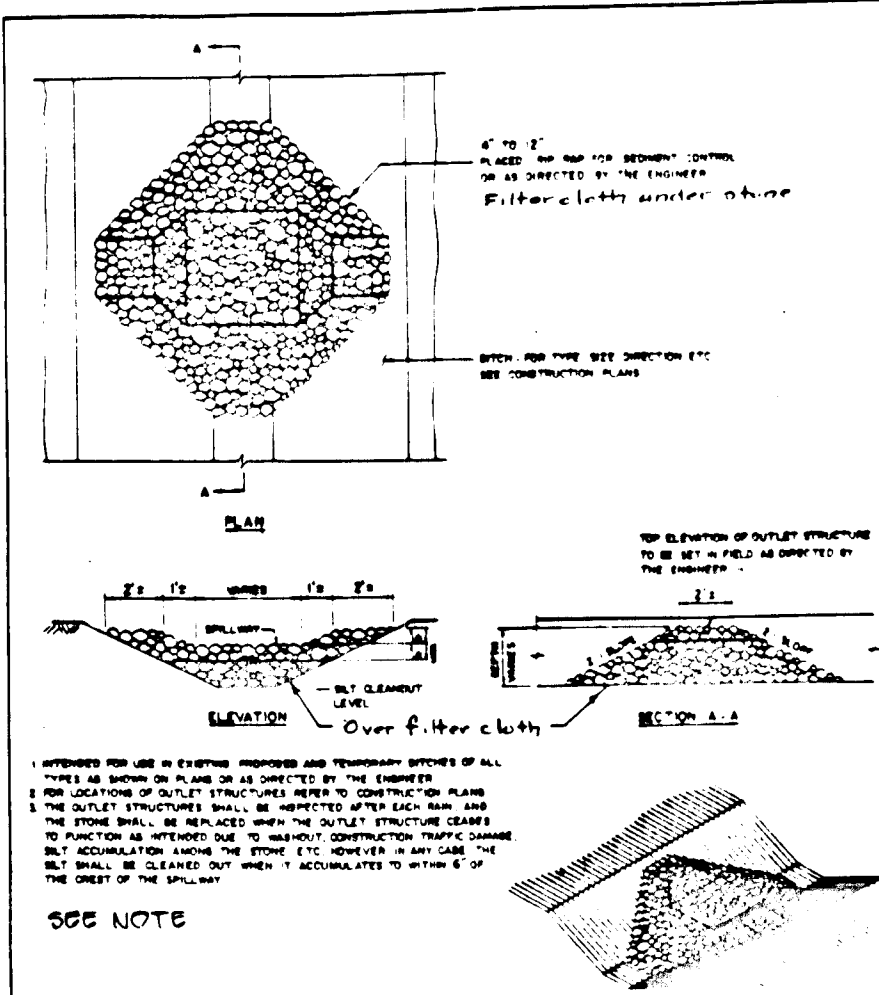
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	EARTH DIKE	STANDARD DRAWING
		ED-1

BUT FENCE



1. Stone size shall be as follows: 1/2 to 1 1/2 inches for top 1/2 inch of stone.
2. Filter cloth to be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
3. Stone to be placed in a layer at least 4 inches thick and pressed into the soil.
4. Maintenance shall be provided for each rain event.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	BUT FENCE	STANDARD DRAWING
		BT-1



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	STONE OUTLET SEDIMENT TRAP	STANDARD DRAWING
		ST-2

THE FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIPS, SWALES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE

I HAVE CERTIFIED THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE ADEQUATE EDUCATION OR ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONSTRUCTION OF SEDIMENT AND EROSION CONTROL MEASURES. I HAVE REVIEWED THE CONSTRUCTION INSPECTION DIVISION'S PLAN AND APPROVE THE SAME.

INSPECTOR'S CERTIFICATE

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

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR HOWARD COUNTY DEPARTMENT OF COMMUNITY PLANNING & ZONING

1380

NO.	REVISIONS	DATE

DEVELOPMENT CONSULTANTS GROUP, INC.

17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

DETAILS & SPECIFICATIONS SECTION ONE

ASHLICH GREENE SUBDIVISION

5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP: 41 PARCEL: 75-157

DATE: APRIL 1983
 DRAWN: S.M.S.
 CHECKED: M.V.S.
 SCALE: AS SHOWN

Sheet 13 of 15
 PROJECT NO. 203-01

GENERAL NOTES cont.

13. This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for Individual Sewage Disposal. Improvements of any nature in this area restricted until public sewage system is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private easement. Recorrection of a modified sewage easement shall not be necessary. Percolation test holes shown hereon have been field located as shown. The lots shown hereon comply with minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

14. Property shown hereon is tied into Maryland State Plane grid system.

ROBERT BRANSON
198/396
312/310
P-131

ANNA IGLEHART ET AL
1222/4, 1400/264
P-138

CHAS E WILSON
447/276
P-324

GENERAL NOTES

- 1 AREA 95.07 AC
- 2 ZONE R (RURAL RESIDENTIAL) 3 AC MIN.
- 3 TOPOGRAPHY FROM AERIAL SURVEY
- 4 DEED REFERENCE 810/713
- 5 SOIL MAP 28
- 6 TAX MAP 41
- 7 PARCEL NO P/O 150
- 8 PRIVATE WATER SUPPLY & SEWAGE DISPOSAL SYSTEMS TO BE UTILIZED
- 9 NO LOTS 27
- 10 PROP AREA OF LOTS 27.7 AC.
- 11 AREA OF DEPLICATION 7.37 AC.
- 12 NOT IN WETLAND AS PER US DEPARTMENT OF INTERIOR, NATIONAL WETLAND INVENTORY MAP # 33AT 2 CLARKSVILLE

* FOR CONTINUATION SEE UPPER LEFT CORNER - THIS SHEET

FOLLOWING INITIAL SOIL DISTURBANCE OR REEPLY URBANIZATION PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER EROSION CONTROL STRUCTURES, DUNE, SWALES, DITCHES, PERIMETER SLOTTED AND ALL OTHER DISTURBED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (SURVEY) DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT THE SITE.

DEVELOPER'S CERTIFICATE
I HEREBY 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 TRAINING PROGRAM FOR THE CONSTRUCTION OF SEWAGE TREATMENT AND SEWAGE DISPOSAL SYSTEMS.
William P. Huffman
DATE: 9/1/88

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN AS PREPARED BY MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOUSEHOLD SEWAGE DISPOSAL DISTRICT.
Howard S. Goff
DATE: 9/1/88

REVIEWED FOR HOWARD COUNTY AND METS DISTRICTS AND FOUND TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOUSEHOLD SEWAGE DISPOSAL DISTRICT.
Howard S. Goff
DATE: 9/1/88

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOUSEHOLD SEWAGE DISPOSAL DISTRICT.
Howard S. Goff
DATE: 9/1/88

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. ...
DATE: 9/1/88

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. ...
DATE: 9/1/88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88

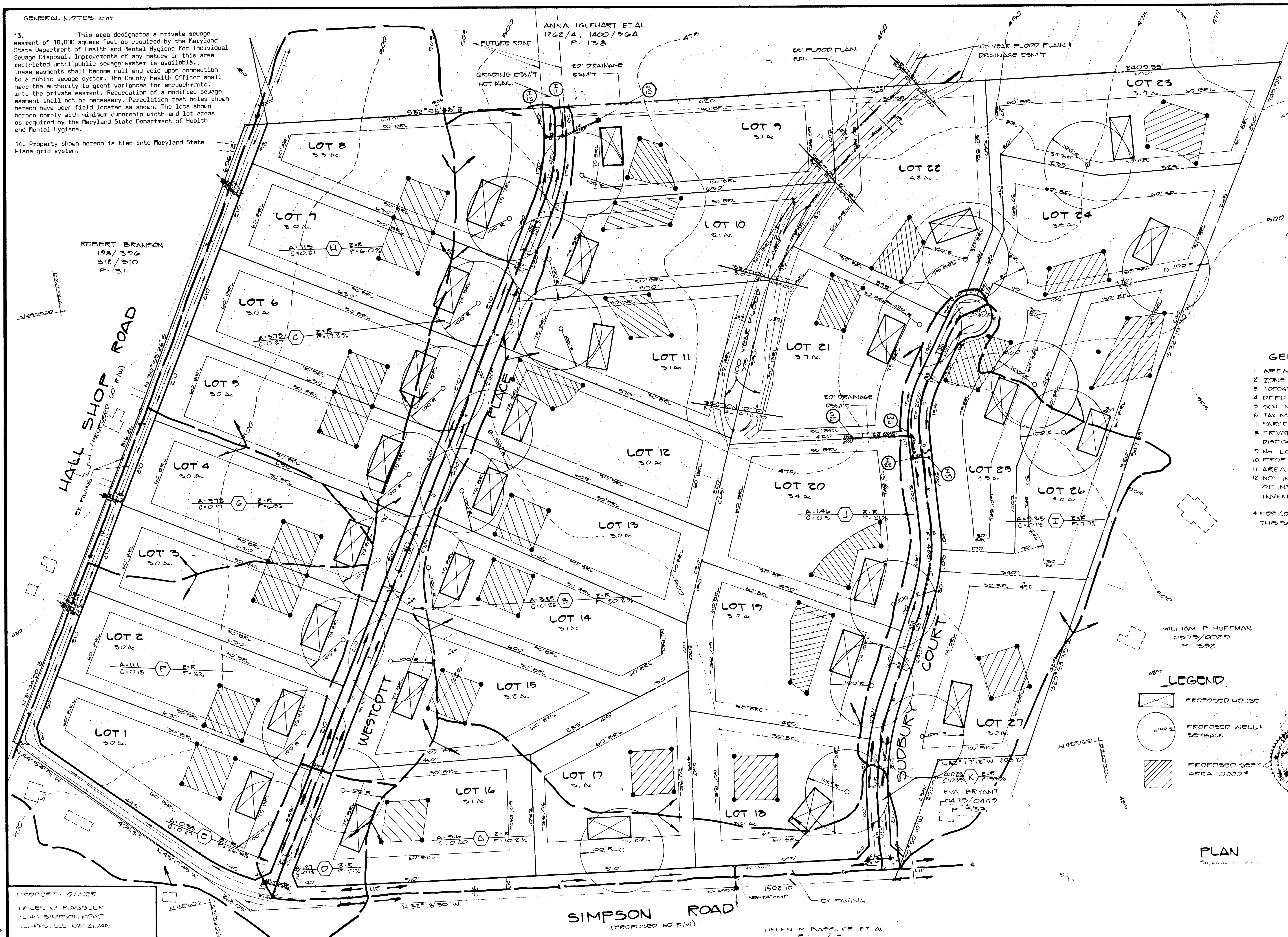
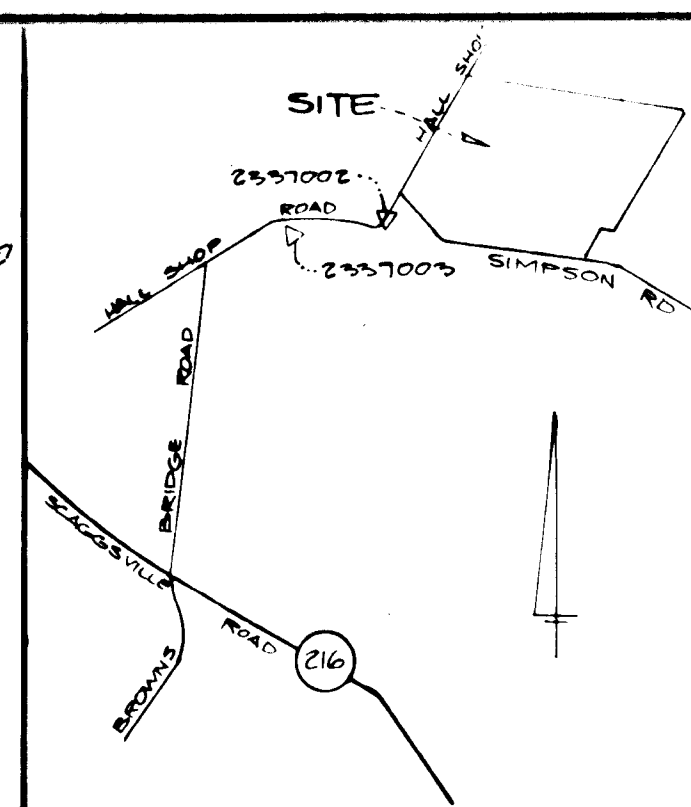
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88

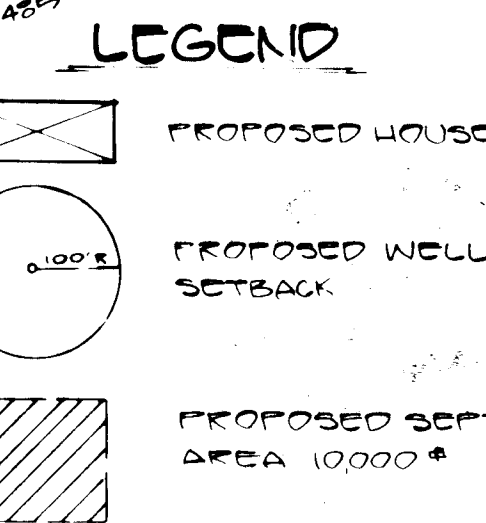
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Marsha J. ...
DATE: 9/1/88



WILLIAM P HUFFMAN
0579/0020
P-332



PLAN
SCALE 1/4"=1'

PROPERTY OWNER
HELEN M BASSLER
1549 SIMPSON ROAD
CLARKSVILLE MD 21049

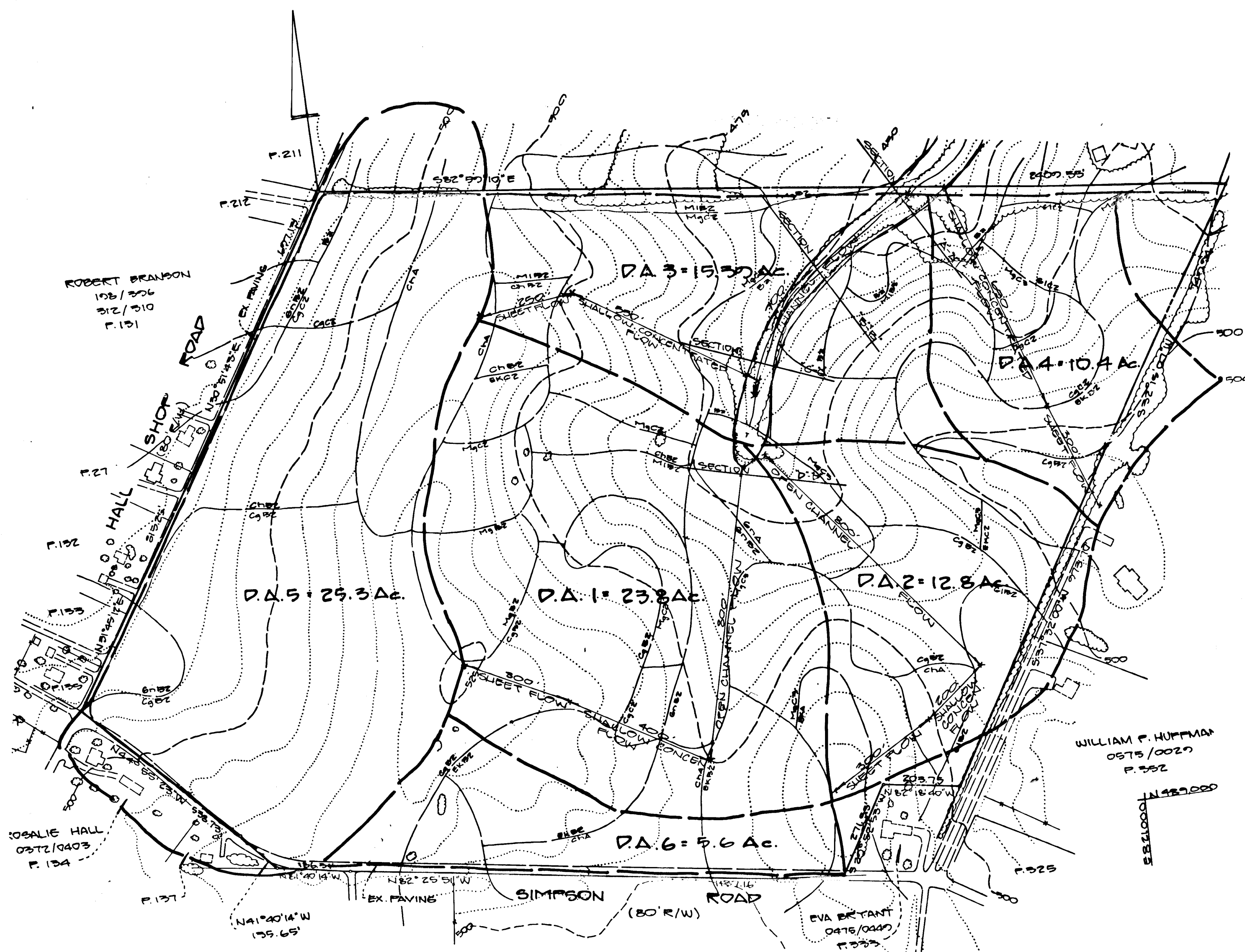
CONTRACT PURCHASER
WINCHESTER HOMES
6301 IVY LANE #174
GREENBELT MD 20770
301-220-1117

DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

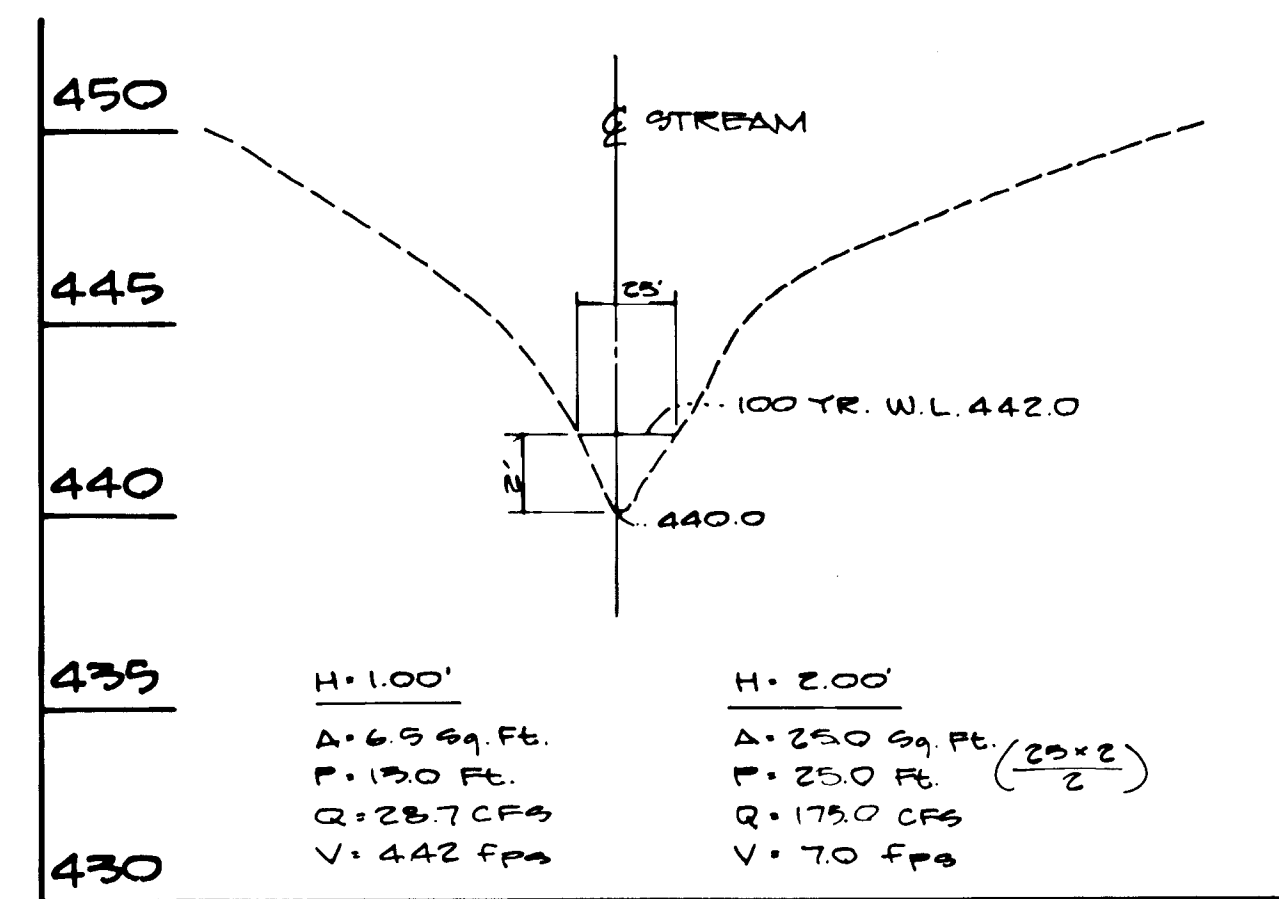
DRAINAGE STUDY
SECTION ONE
ASHLEIGH GREENE SUBDIVISION

Sheet	14
of	15
205-01	

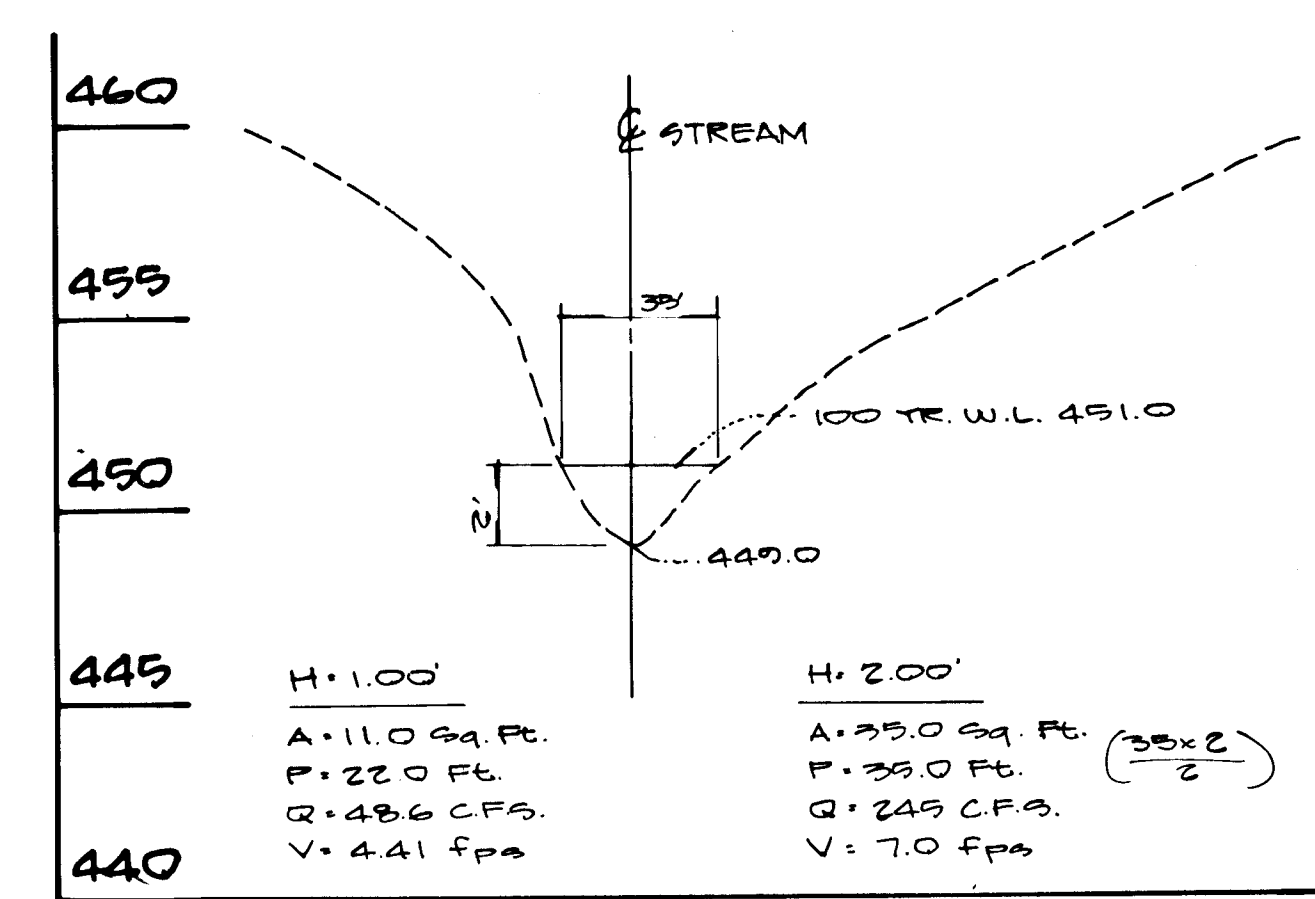
S = 3.56%
 n = 0.04
 Q₁₀₀ = 186 CFS



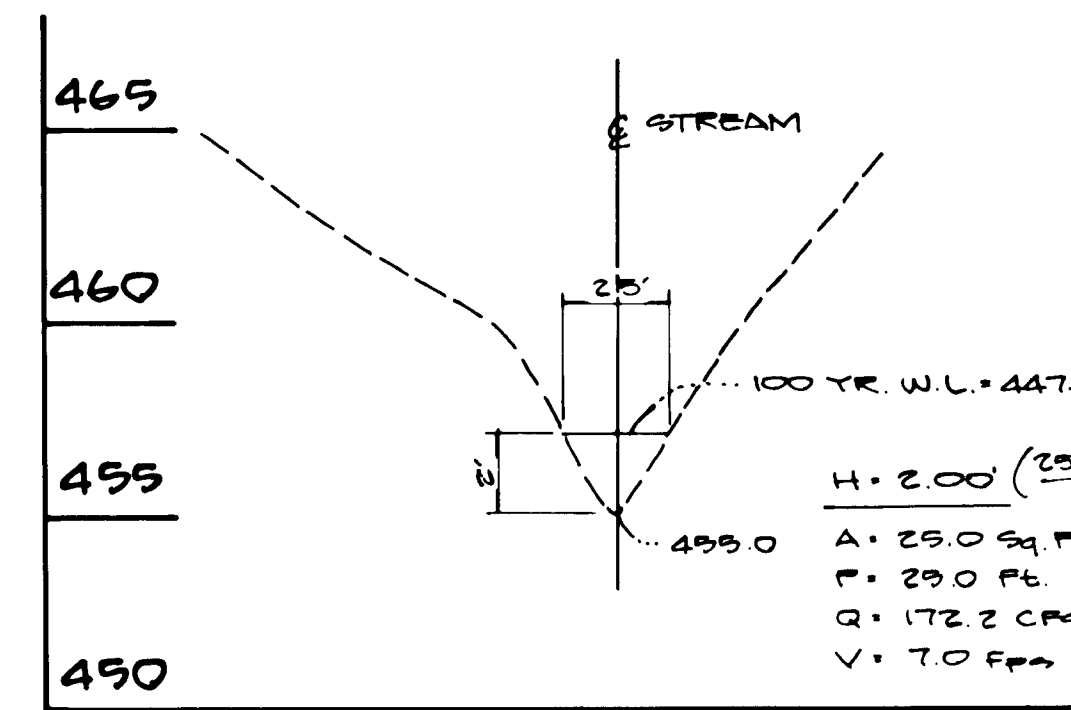
DRAINAGE STUDY OF EXISTING CONDITIONS
 SCALE: 1" = 200'



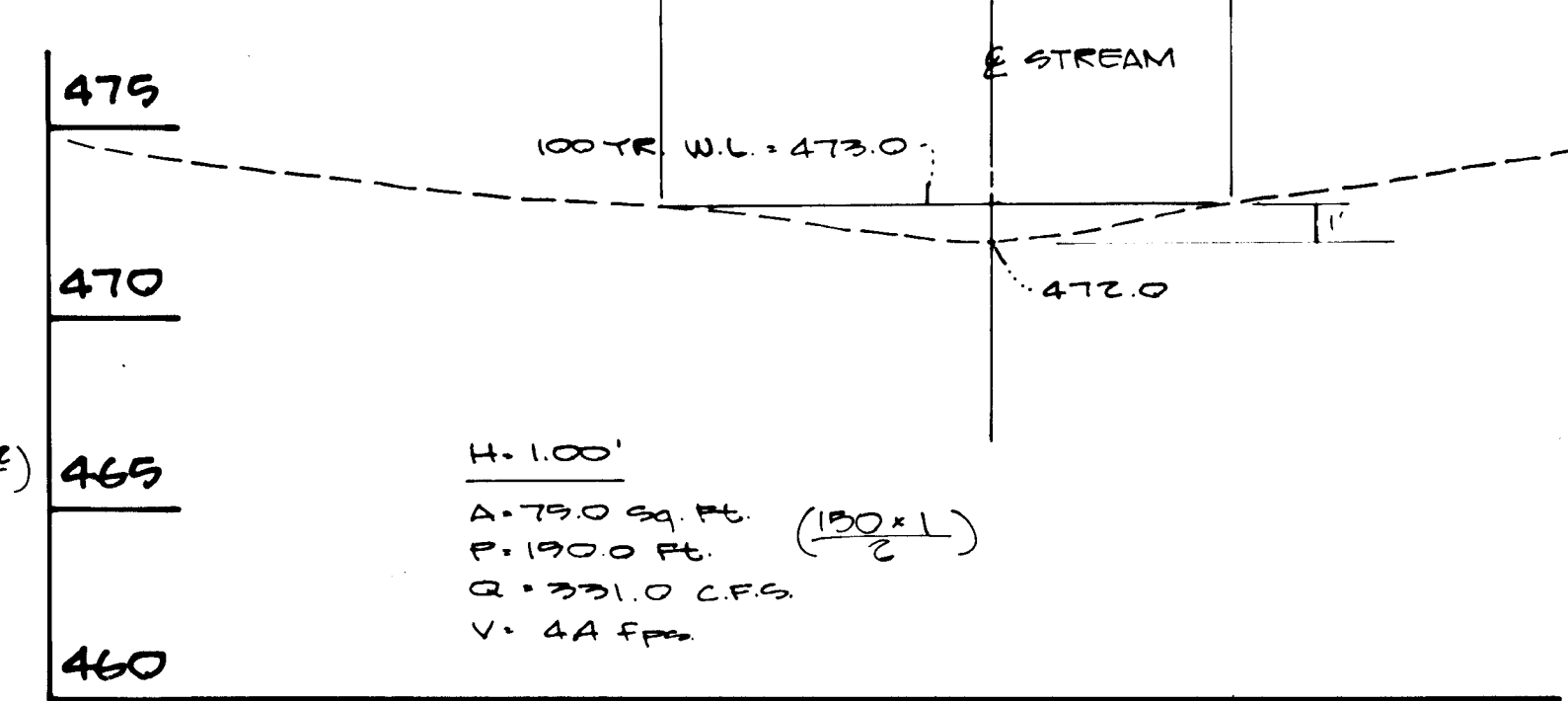
SECTION A-A
 SCALE: HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'



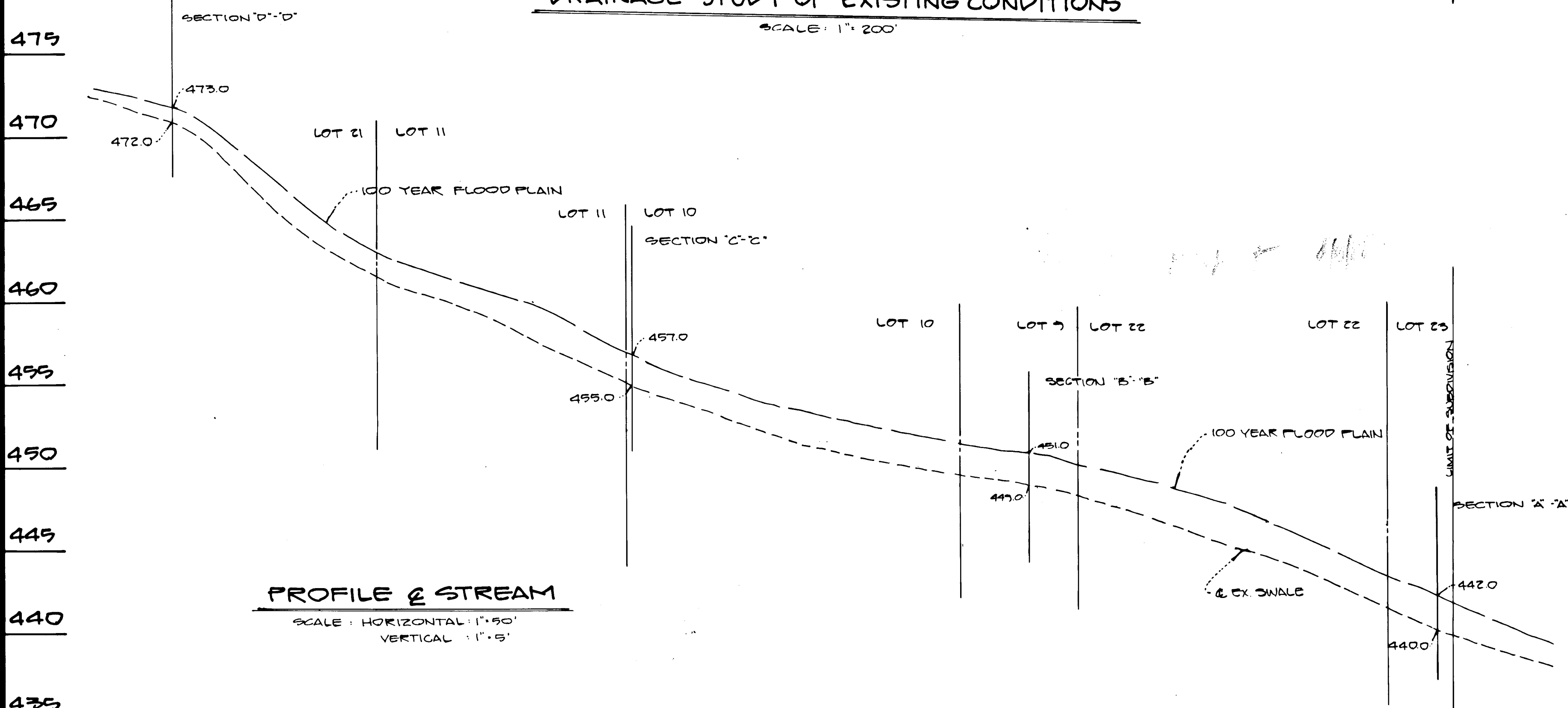
SECTION B-B
 SCALE: HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'



SECTION C-C
 SCALE: HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'



SECTION D-D
 SCALE: HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'



PROFILE OF STREAM
 SCALE: HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER EROSION CONTROL STRUCTURES, PILES, SWALES, DITCHES, PERIMETER SLOTTES AND ALL SLOPES GREATER THAN 3:1, (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-7272.

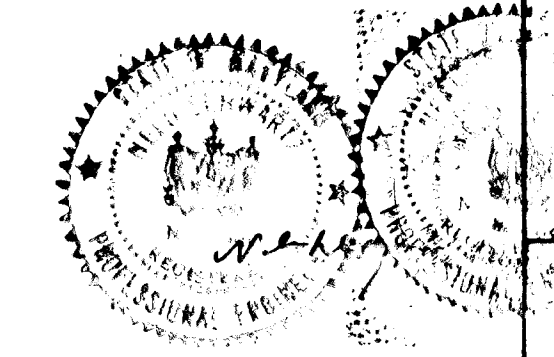
DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES TRAINING PROGRAM FOR THE CONSTRUCTION AND DESIGN BEFORE BEGINNING WORK."
 [Signature] 11/11/88

ENGINEER'S CERTIFICATE
 "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 COUNTY SOIL CONSERVATION DISTRICT."
 [Signature] 8/25/88

APPROVED FOR HOWARD S.C.P. AND METS TECHNICAL REQUIREMENTS
 [Signature] 1/2/89

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 9/10/88

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 [Signature] 9-21-88



Owner/Developer:	NO.	REVISIONS	DATE
WINCHESTER HOMES INC. 6301 IVY LANE S.714 GREENBELT, MD. 20770 (301) 220-1117			



DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

100 YEAR FLOOD PLAIN PROFILES & SECTIONS SECTION ONE ASHLIEGH GREENE SUBDIVISION 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP # 41, PARCEL P/O100	DATE: 11/11/88 DRAWN: MAM CHECKED: MAM SCALE: AS SHOWN	Sheet 15 of 15 PROJECT NO. 208-01
---	---	--------------------------------------

1380