SD # D-59-66148-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED July 13, 1966
FOR STORM DRAIN ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR ADDING ANY WSSC STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
Everett A. Hoffman
SENIOR ENGINEER

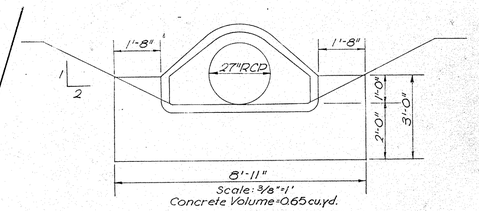
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Aug 12 19 66
BY [illegible]

* SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER ORDINANCE 4-15

"Subject to issuance of permit by Maryland State Department of Health
Notley Rd.: Revised location & depth
Approved 8/30/66 EH

GENERAL NOTES
FOR STORM DRAIN CONSTRUCTION

1. All Storm Drains shall be constructed in accordance with the latest Edition of the General Specifications of the W.S.S.C.
2. Types of structures refer to the Standard Storm Drainage Details of the W.S.S.C., unless otherwise noted.
3. Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings, well in advance of trenching. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the Storm Drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All storm drain construction shown on this plan to be maintained by Montgomery County Dept. of Public Works.



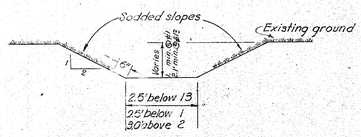
Scale: 3/8"=1'
Concrete Volume=.065 cu.yd.
DETAIL OF CUTOFF WALL ON FLARED END SECTION

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED July 14, 1966
R. E. Rogers, Jr.
M.-N.C.P. & P.C. RECORD FILE No. 170

* With paved invert's

PIPE SCHEDULE			
	SIZE	TYPE	LENGTH
*	36"x22"	ACCMPA #14 GAGE	146'
*	29"x18"	ACCMPA #14 GAGE	55'
*	22"x13"	ACCMPA #14 GAGE	122'
	30"	RCP III	250'
	27"	RCP IV	415'
	24"	RCP III	737'
	21"	RCP IV	285'
	18"	RCP IV	325'
	15"	RCP IV	58'
*	18"x11"	ACCMPA #14 GAGE	63'

STRUCTURE SCHEDULE				
NO.	TYPE		TOP ELEVATION	REMARKS
11	J	Inlet	376.40	MSRC Type Modified See Detail Sheet 7 of 10
34	J	Inlet	392.50	" "
31	J	Inlet	386.40	" "
10	Metal Flared End Section (22"x13")			ARMCO or Equal
1	Flared end section w/ cut-off wall			Gray Conc. Co. or equal. See Cut-off wall detail this sheet.
2	B	Manhole	333.30	W.S.S.C. Standard
7	Metal Flared End Section (22"x13")			ARMCO or equal.
8	J	Inlet	342.50	MSRC Type Modified See Detail Sheet 7 of 10
13	End wall 9'10" conc. pav. & velocity check.			W.S.S.C. Std. (Modified = 11') See Sheet 3 of 10.
14	J	Inlet	342.60	MSRC Type Modified See Detail Sheet 7 of 10
16	K	Inlet	345.50	" "
17	J	Inlet	346.70	" "
20	J	Inlet	349.10	" "
22	K	Inlet	353.90	" "
23	K	Inlet	361.00	" "
26	J	Inlet	378.00	" "
28	J	Inlet	380.40	" "
36	Flared End Section w/ Cut-off Wall & Rip-Rap			Gray Concrete Co. or equal See Detail Sheet 9 of 10
37	J	Inlet	390.60	M.S.R.C. Type Modified See Detail Sheet 7 of 10
39	J	Inlet	390.60	" "
40	J	Inlet	397.00	" "
41	Metal Flared End Section (29"x18")			ARMCO or equal
42	J	Inlet	412.50	M.S.R.C. Type Modified See Detail Sheet 7 of 10
3	J	Inlet	432.50	" "
4	J	Inlet	432.00	" "
32	Metal Flared End Section (18"x11")			ARMCO or equal
29	Metal Flared End Section (36"x22")			" "



TYPICAL DITCH SECTION
(No Scale)

B.M.#9 El.=343.30
R.R. spike in power pole #79839

Grade this area to provide positive drainage into structure #4

W.S.S.C. B.M.#10592 EL.=330.18
W.S.S.D. Disc on South side of Bonifant Rd. 0.96 mile West from intersection of Bonifant Rd. and Colesville Pike.

Construct 120 L.F. of ditch. See Section this sheet.

STATE OF MARYLAND
ALDEN E. JONES JR.
No. 2045
REGISTERED PROFESSIONAL ENGINEER
Alden E. Jones Jr.

DATE	REVISION	DRAFTING: S.S., J.B.
8-3-66	Notley Road: Roadside ditch Location and depth changed to allow 10' shoulder.	CHECK: P.H.
		DESIGN: J.F.
		CHECK: P.H.

DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Md.

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

PAVING AND STORM DRAINS

NOTLEY ROAD **STONEGATE** STONEWALL DRIVE
Montgomery County, Maryland

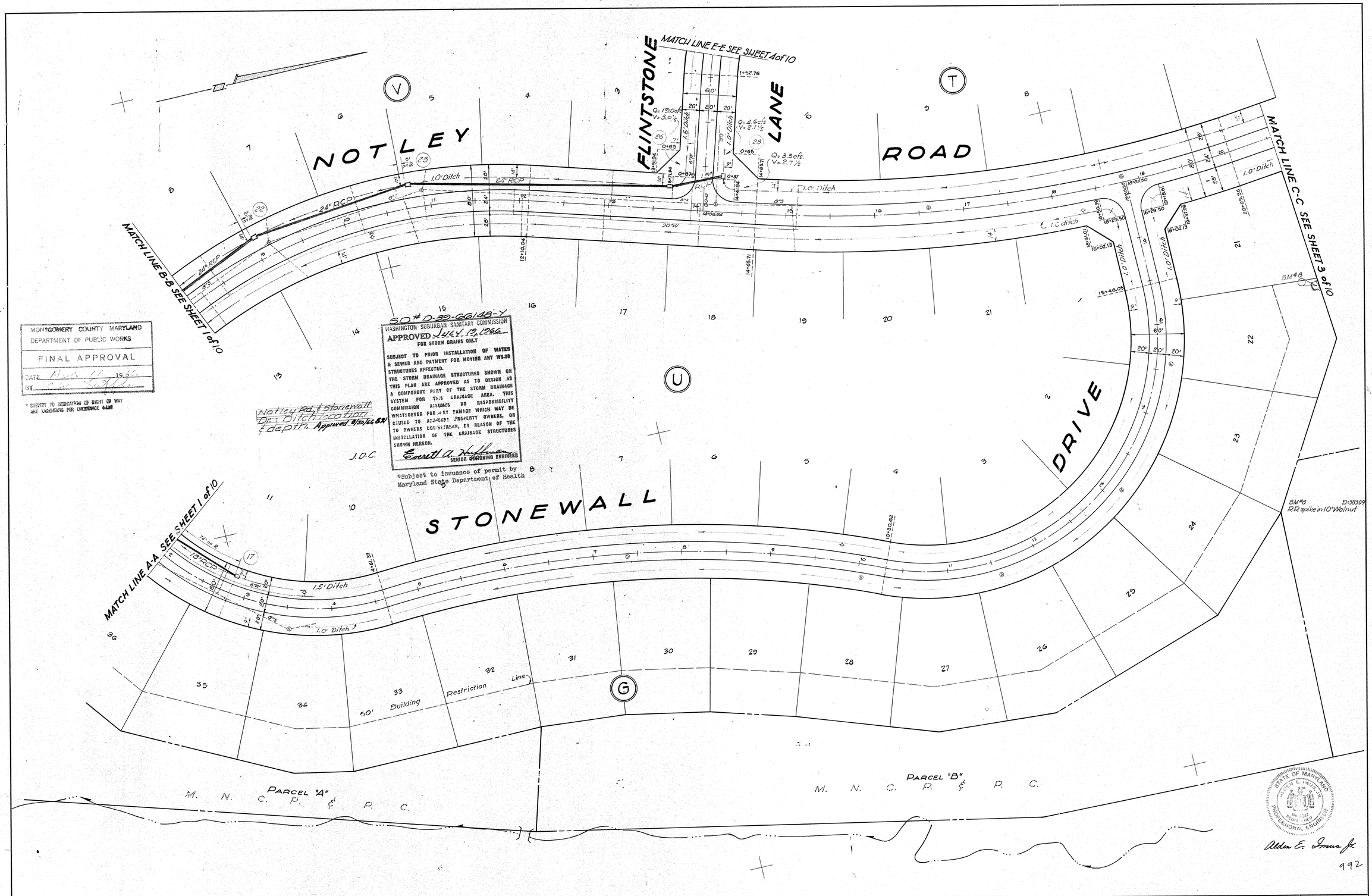
DATE	JOB NO.
November, 1965	1810 A-1
SCALE	SHEET NO.
1" = 50'	1 of 10

992

CE487-975-1

SD FILE NO. 992

Maryland State Archives



MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Aug. 11 1966
BY [signature]
* SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER ORDINANCE 4-[illegible]

SD # D-39-66148-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED July 19, 1966
FOR STORM DRAINS ONLY
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Everett A. Huffman
SENIOR DESIGNING ENGINEER
*Subject to issuance of permit by Maryland State Department of Health

Notley Rd. & Stonewall Dr.: Ditch location & depth. Approved 8/30/66 [illegible]

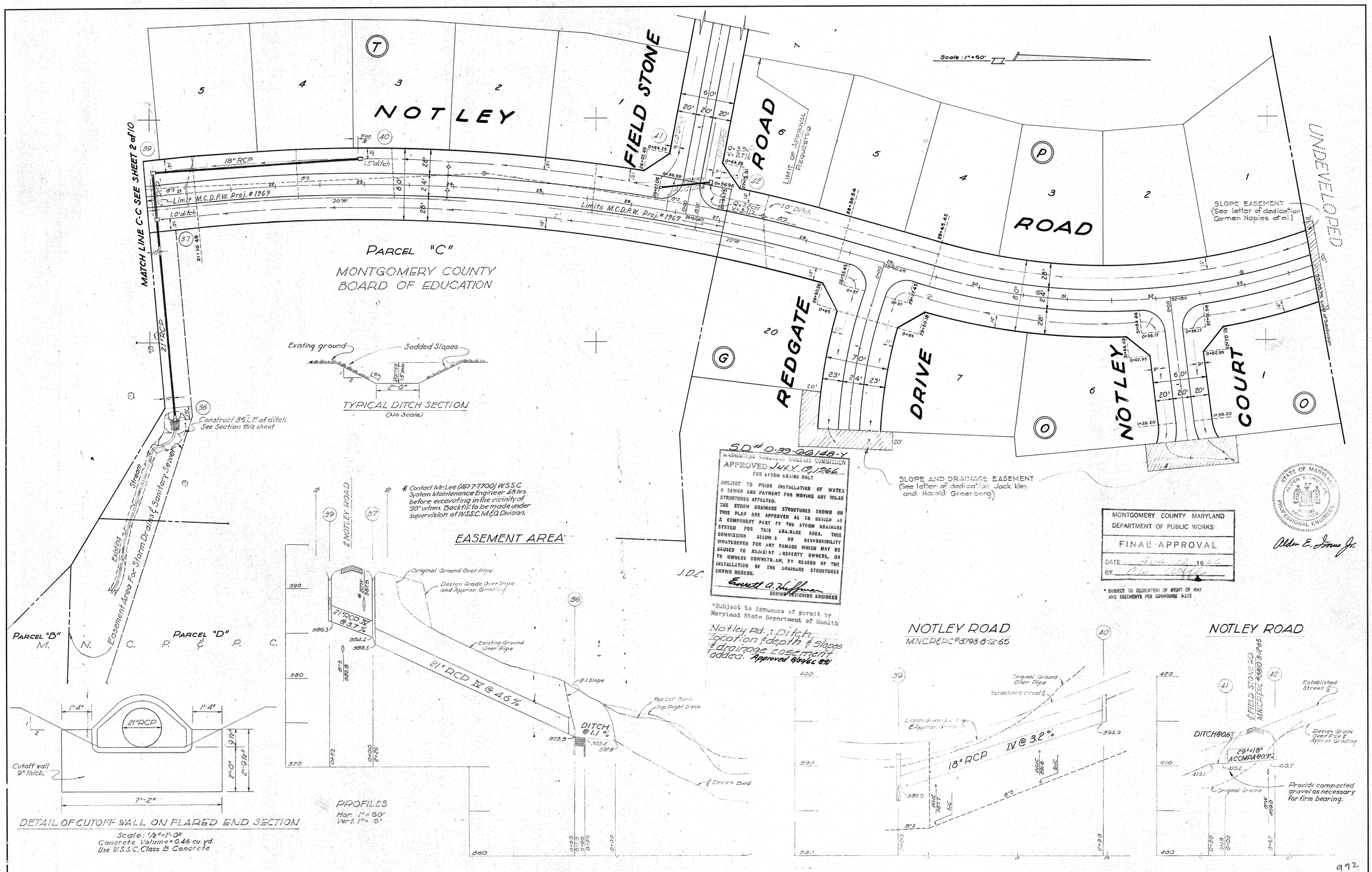
J.D.C.

Alden E. Imus Jr.
992

DATE	REVISION	DRAFTING: S.G., S.B.	DEVELOPER	CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS	PAVING AND STORM DRAINS	NOTLEY ROAD	STONEGATE	STONEWALL DRIVE	DATE	JOB NO.
8-3-66	Notley Rd.: Roadside ditch location & depth changed to allow 10' shoulder.	CHECK: P^H	KAY CONSTRUCTION CO.	THOMAS G. OYSTER AND ASSOCIATES INC.			Montgomery County, Maryland		November, 1965	1810 A-1
	Stonewall Dr.: Depth of ditch at #17, adjusted	DESIGN: J.F.	1105 Lamberton Drive	2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011					SCALE 1" = 50'	SHEET NO. 2 of 10
		CHECK: P^H	Wheaton, Md.							

CE487-975-2

SD FILE NO. 992



S.D. # D-39-66148-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JULY 19, 1966
FOR STORM DRAINS ONLY
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Everett A. Huffman
SENIOR DESIGNING ENGINEER

*Subject to issuance of permit by Maryland State Department of Health

Notley Rd.: Ditch location & depth & slopes & drainage easement added. Approved 8/30/66 EAH

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Aug 12 1966
BY [signature]

* SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER ORDINANCE 4-115

STATE OF MARYLAND
ALDEN E. IMUS JR.
No. 11047
REGISTERED PROFESSIONAL ENGINEER

Alden E. Imus Jr.

992

DATE	REVISION
8-3-66	Roadside ditch location and depth changed to allow 10' shoulder. Slopes and drainage easment, added

DRAFTING: S.B. CHECK: PAH DESIGN: J.F. CHECK: PAH

DEVELOPER
KAY CONSTRUCTION CO
1105 Lamberton Drive
Wheaton, Md.

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

PAVING AND STORM DRAINS

NOTLEY ROAD — STONEGATE — STONEWALL DRIVE
Montgomery County, Maryland

DATE	JOB NO.
November, 1965	1810 A-1
SCALE	SHEET NO.
AS SHOWN	3 of 10

4797

CE487-975-3

SD FILE NO. 992

SD # D-39-66148-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JULY 19, 1966
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WSSC STRUCTURES AFFECTED.
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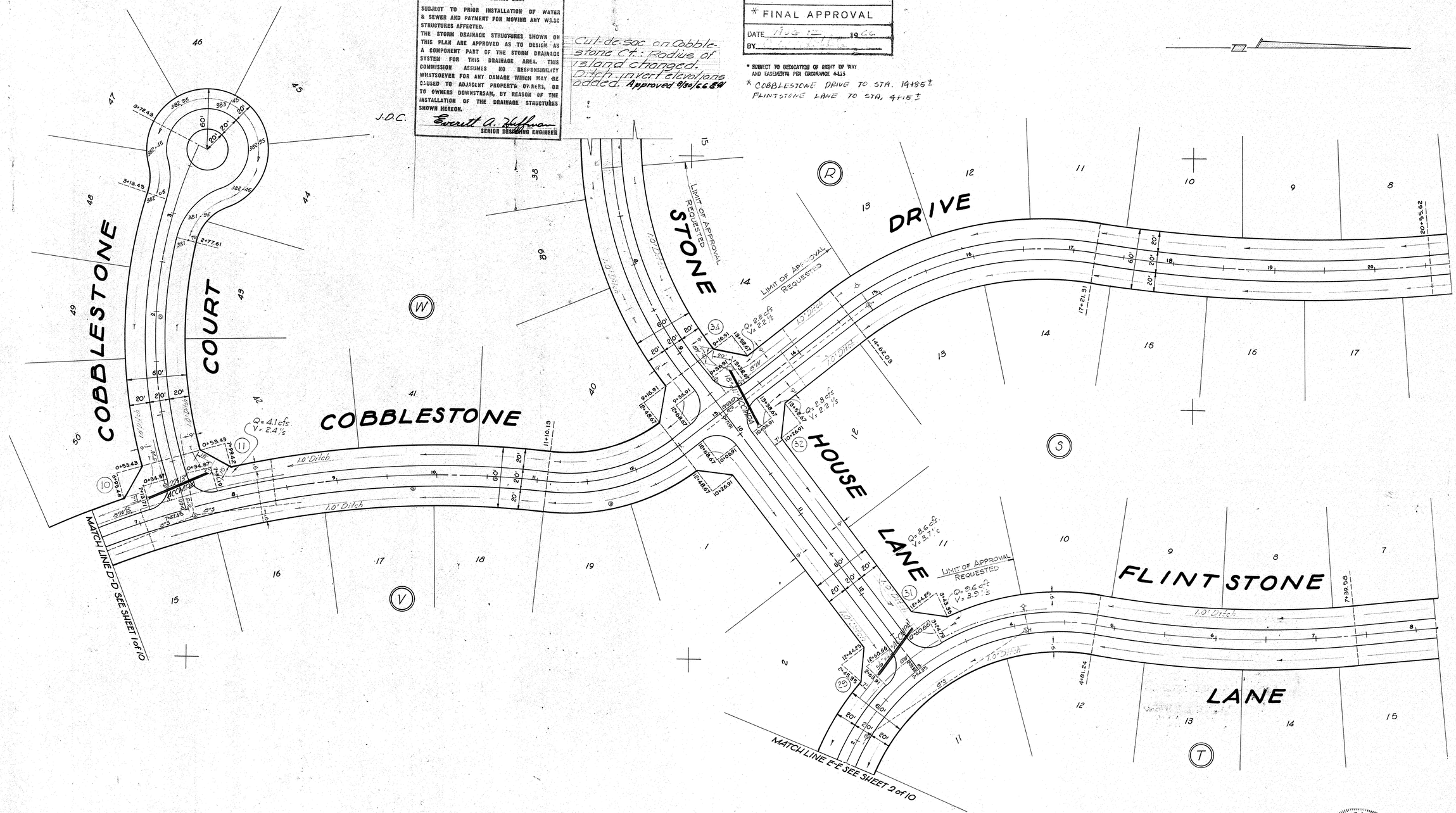
Everett A. Huffman
SENIOR DESIGNING ENGINEER

Cul-de-sac on Cobblestone Ct.: Radius of island changed. Ditch invert elevations added. Approved 8/30/66 EAH

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
* FINAL APPROVAL
DATE AUG 12 1966
BY

* SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER ORDINANCE 4-115

* COBBLESTONE DRIVE TO STA. 14+85±
FLINTSTONE LANE TO STA. 4+15±



STATE OF MARYLAND
ALDEN E. IMUS, JR.
No. 2041
REGISTERED
PROFESSIONAL ENGINEER

Alden E. Imus Jr.

992

DATE	REVISION
8-3-66	Cul-de-sac on Cobblestone Ct.: radius of island changed; ditch invert elevations added

DRAFTING: S.B.
CHECK: P.H.
DESIGN: J.F.
CHECK: P.H.

DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Md.

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

PAVING AND STORM DRAINS

NOTLEY ROAD **STONEGATE** COBBLESTONE DRIVE
Montgomery County, Maryland

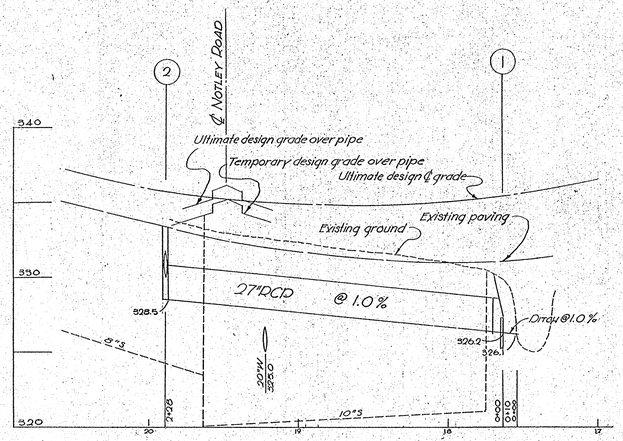
DATE	JOB NO.
November, 1965	1810 A-1
SCALE	SHEET NO.
1" = 50'	4 of 10

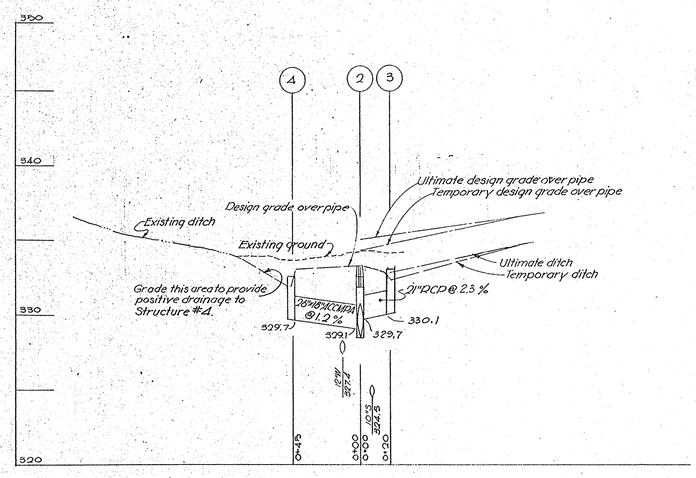
4797

CE487-975-4

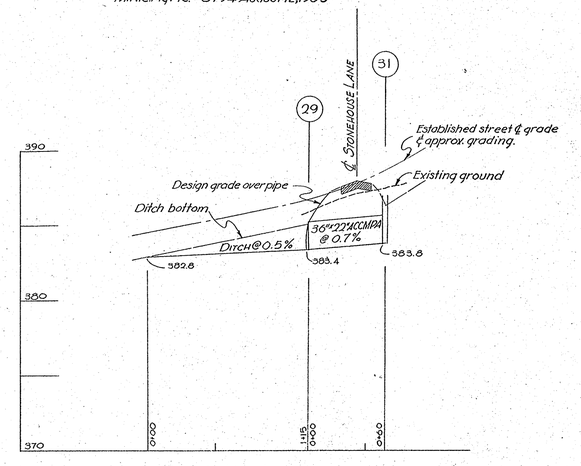
SD FILE NO. 992

BONIFANT ROAD
M.N.C.P.&P.C. #7842 August 12, 1965





FLINTSTONE LANE
M.N.C.P.&P.C. #8794 August 12, 1965



MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Aug 12 1966
BY

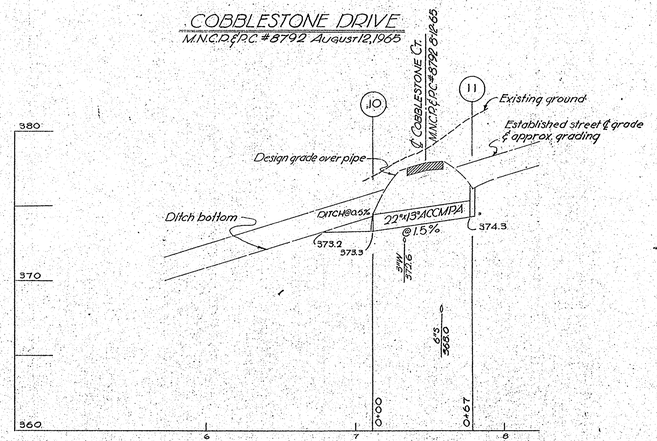
SD # D-39-66148-Y
July 19, 1966

J.D.C.

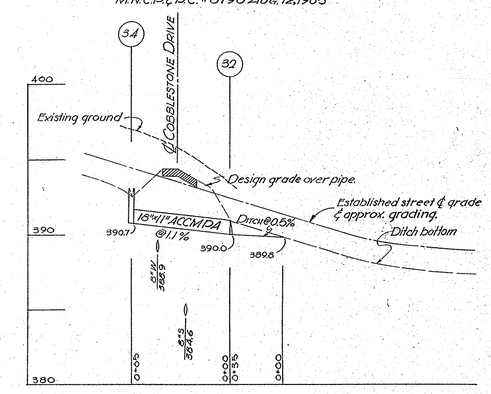
Everett A. Huffman

Invert elevation of structure #3 revised from 330.4 to 330.1
Approved 8/30/66 EAH

COBBLESTONE DRIVE
M.N.C.P.&P.C. #8792 August 12, 1965



STONE HOUSE LANE
M.N.C.P.&P.C. #8796 Aug. 12, 1965



STATE OF MARYLAND
ALDEN E. IMUS JR.
REGISTERED
PROFESSIONAL ENGINEER

Alden E. Imus Jr.

992

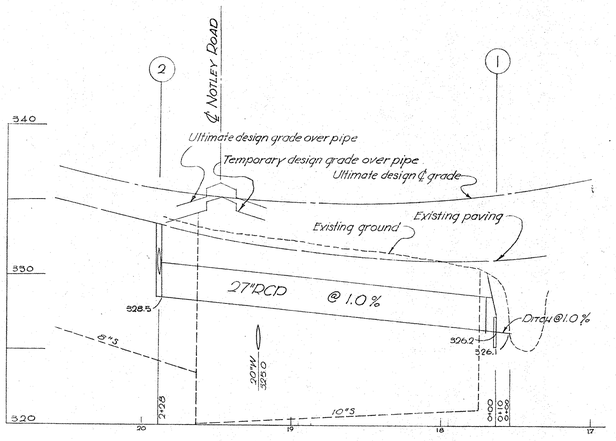
Date	Revision	Drafting: J.F., S.B. / Check: P.H. / Design: J.F. / Check: P.H.	Developer: KAY CONSTRUCTION CO. 1105 Lamberton Drive Wheaton, Maryland	Civil Engineers ■ Land Planners ■ Land Surveyors: THOMAS G. OYSTER AND ASSOCIATES INC. 2419 Reedie Drive ■ Wheaton ■ Maryland ■ 949-2011	STORM DRAIN PROFILES	Notley Road — STONEGATE — Stonewall Drive, Montgomery County, Maryland	Date: November, 1965 / Scale: Hor: 1" = 50' Vert: 1" = 5'	Job No. 1810 A-1 / Sheet No. 6 of 10

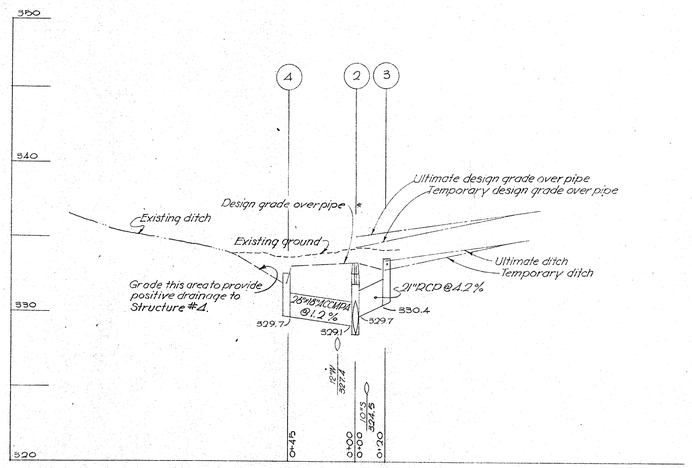
CE 487-975-5

SD FILE NO. 992

BONIFANT ROAD

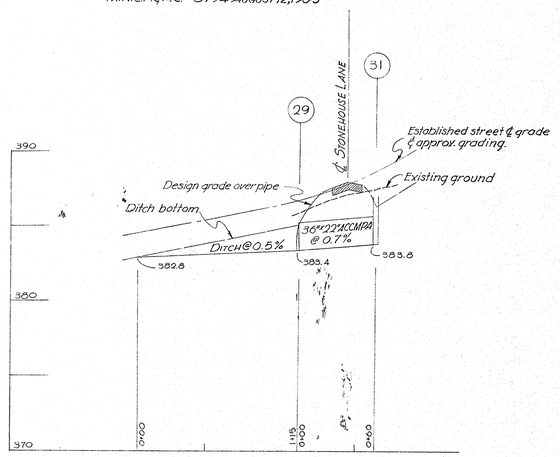
M.N.C.P.&P.C. #7842 August 12, 1965





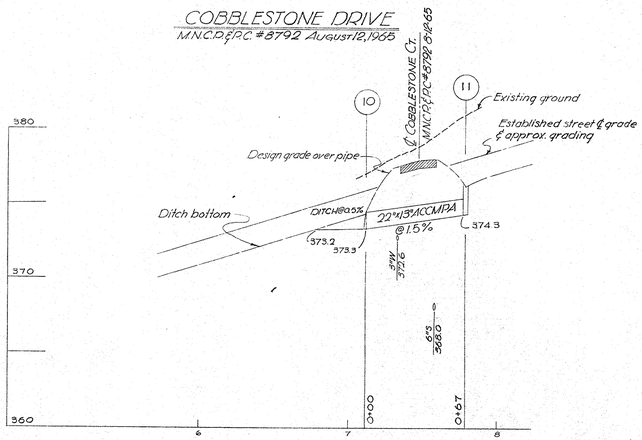
FLINTSTONE LANE

M.N.C.P.&P.C. #8794 August 12, 1965



COBBLESTONE DRIVE

M.N.C.P.&P.C. #8792 August 12, 1965



50 # D-39-66148-X

JULY 13, 1966

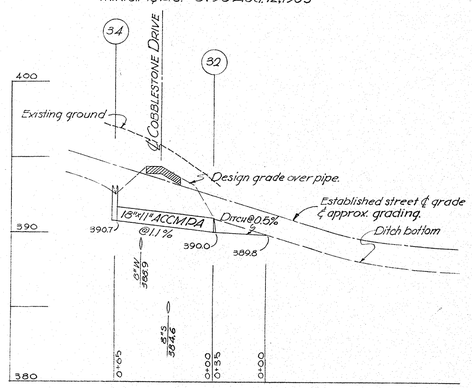
J.D.C.

Everett A. Huffman

Alden E. Innes Jr.

STONE HOUSE LANE

M.N.C.P.&P.C. #8796 Aug. 12, 1965



992

DATE	REVISION

DRAFTING: J.F., S.B.
CHECK: P.W.
DESIGN: J.F.
CHECK: P.W.

DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Maryland

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

STORM DRAIN PROFILES

NOTLEY ROAD **STONEGATE** STONEWALL DRIVE
Montgomery County, Maryland

DATE	JOB NO.
November, 1965	1810A-1
SCALE: Hor.: 1"=50' Vert: 1"=5'	SHEET NO. 6 OF 10

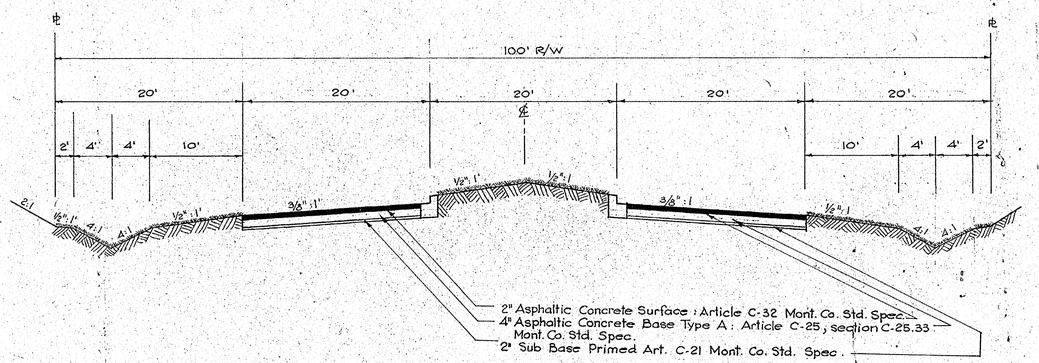
CE 487-975-6

SD FILE NO. 992

Maryland State Archives

GENERAL NOTES

1. All work in public right of ways shall be in accordance with the Standards and Specifications of the Montgomery County Road Construction Code.
2. Work shall not commence until the proper permits have been issued.
3. All paving fillets shall have radius of 25', unless otherwise shown.
4. All unpaved areas within right of ways and all slopes adjacent thereto shall be sodded.
5. No street surfacing shall be started until fine grading and sodding has been completed and inspected.



ARTERIAL ROAD SECTION
FULL WIDTH GRADING

SD # D-39-66148-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JULY 19, 1966
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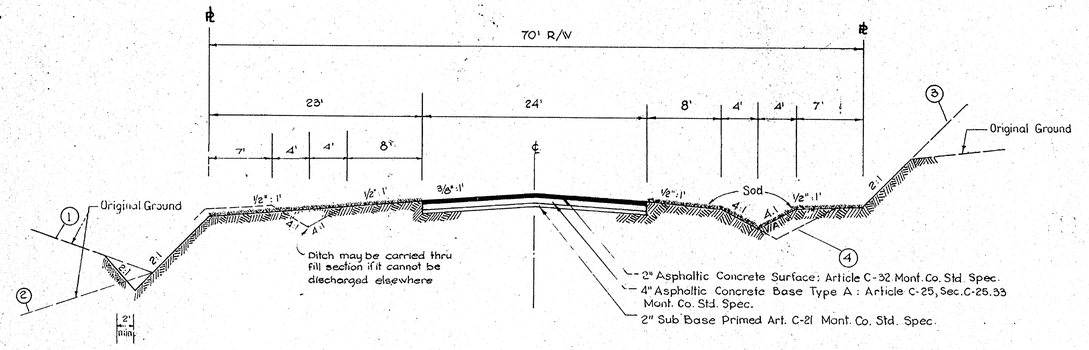
J.D.C.
Everett A. Huffman
SAWS DESIGNING ENGINEER
Arterial road section added. Approved 8/30/66 EH

(1) When adjacent ground slopes toward fill, cut ditch as shown at toe of fill.

(2) When adjacent ground slopes away from fill, ditch may be required as directed by Inspector.

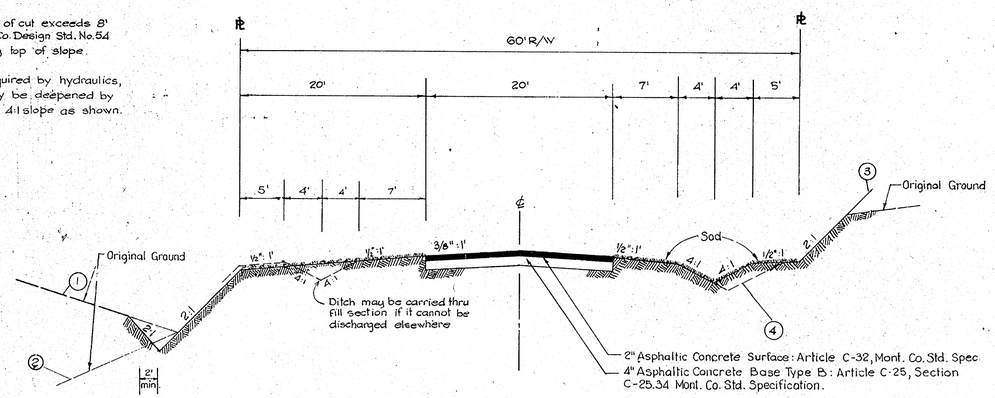
(3) When depth of cut exceeds 8' See Mont. Co. Design Std. No. 54 for rounding top of slope.

(4) When required by hydraulics, ditch may be deepened by extending 4:1 slope as shown.



70' RIGHT OF WAY
24' PRIMARY OPEN SECTION PAVING
FULL WIDTH GRADING

Scale : Hor. = 1/8" = 1', Vert. = 1/4" = 1'



60' RIGHT OF WAY
20' SECONDARY OPEN SECTION PAVING
FULL WIDTH GRADING

Scale : Hor. = 1/8" = 1', Vert. : 1/4" = 1'

992

Date	Revision	Drafting: J. F. / Check: / Design: / Check:	Developer: Hay Construction Co. 1105 Lamberton Drive Wheaton, Maryland	Civil Engineers ■ Land Planners ■ Land Surveyors — Thomas G. Oyster and Associates Inc. 2419 Reedie Drive ■ Wheaton ■ Maryland ■ 949-2011	Montgomery County Paving Standards	Notley Road — STONEGATE — Stonewall Drive, Montgomery County, Maryland	Date: November, 1965 / Scale: As Shown	Job No. 1810 A-1 / Sheet No. 10 of 10
8-3-66	Arterial Road Section, added							

4797

CE487-975-7

SD FILE NO. 992