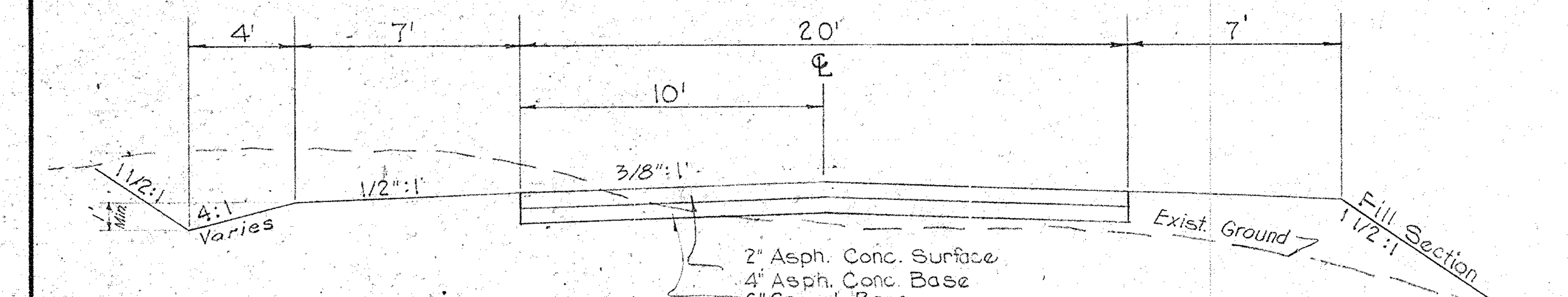
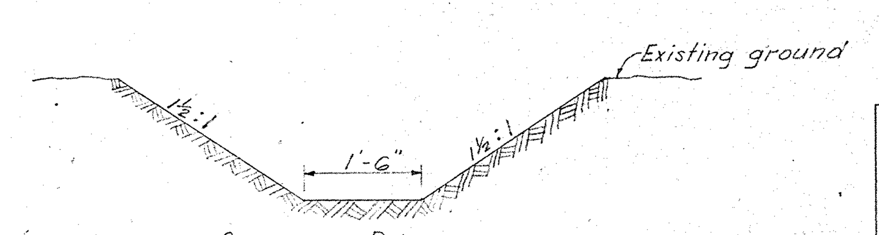
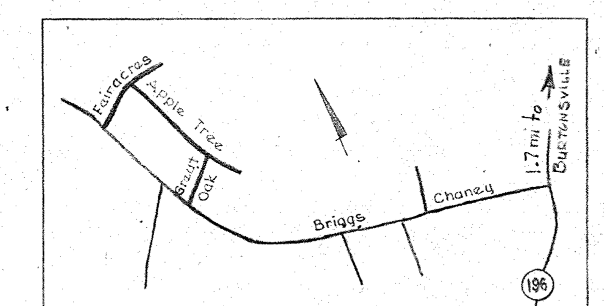


TYPICAL SECTION
Scale: 1"=5'
*Note. Use special section as shown sheet 2 of 4 where noted on Fairacres Road

PLAT BOOK Nº 29
PLAT Nº 1833



SODDED DITCH FROM W-1
Scale: ½" = 1'-0"



LOCATION MAP
Scale: 1" = 2000'

Scale: 1" = 50'

GENERAL NOTES

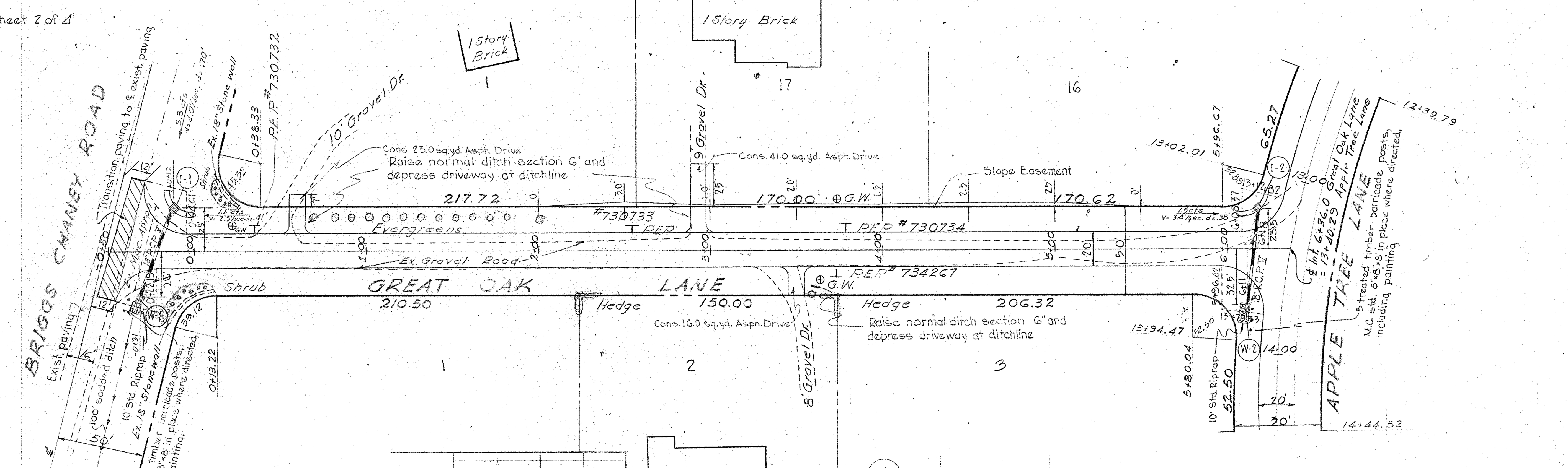
1. All storm drains shall be constructed in accordance with the General Specifications of the W.S.S.C. adopted September 30, 1954
2. Types of structures refer to the W.S.S.C.'s Standard Storm Drainage Details unless otherwise noted.
3. All storm drainage construction shown on this plan to be maintained by Montgomery County.
4. Information concerning underground utilities was obtained from available record, 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 plan or six (6) inches which ever is less, contact the Storm Drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.

Note:
Elevations shown on these plans are equal to elevations shown on MNCP&PC approved profiles. Nos. 2255, 2256, 2257, 2258, and 2259; -1.00 [BM-(WSSD) 2075, El. 455.49].

For non-pass sight distance, hieght of eye 4.5 feet; hieght of object 4 inches.

All fillet radii to be 25 feet, unless otherwise noted.

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED Jan. 18, 1962 DATE
FOR STREET GRADE ONLY
[signature] LAND PLANNING ENGINEER
M.-N.C.P.&P.C. RECORD FILE NO. 2258



STRUCTURE SCHEDULE

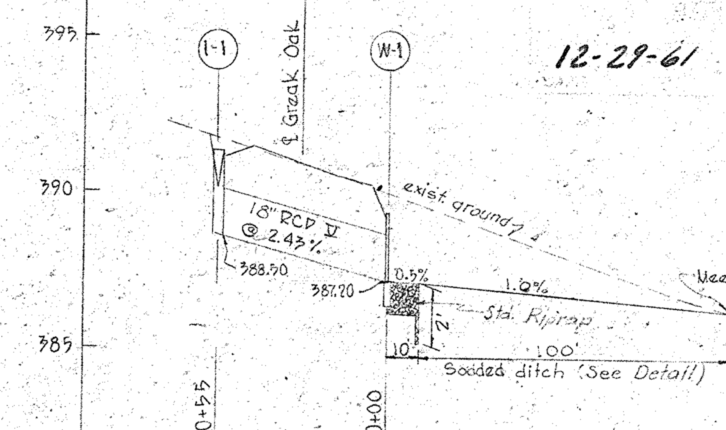
Nº	TYPE	TOP ELEV.	REMARKS
I-1	K inlet	391.25	S.R.C. Std. for 18" Dia. Pipe, and Std. Grate
W-1	E endwall	389.45	" , 10' Riprap
I-2	K inlet	392.05	" for 18" Dia. Pipe, and Std. Grate
W-2	E endwall	389.35	" , 10' Riprap
W-3	F "	398.39	" , 10' Riprap
W-4	G "	398.82	"
W-5	E "	406.60	" , 10' Riprap
I-3	K inlet	409.25	" for 15" Dia. Pipe, and Std. Grate
I-4	K "	414.90	" for 15" Dia. Pipe, and Std. Grate
W-7	E endwall	414.15	" for 24" RCP, Mod. for 15" & 21" Pipes, 10' Paved Inlet Drop
W-6	Cut-off wall	411.70	WSSC Std. Cut-Off Wall, with 10' Riprap

PIPE TOTALS

SIZE	TYPE	LENGTH
15"	RCP V	102.0'
18"	RCP V	109.0'
21"	RCP V	58.0'
24"	RCP V	43.0'

PIPE SCHEDULE

FROM	TO	TYPE	LENGTH
I-1	W-1	18" RCP V	53.5'
I-2	W-2	18" RCP V	55.5'
W-4	W-3	24" RCP V	43.0'
I-3	W-5	15" RCP V	53.5'
I-4	W-7	15" RCP V	48.5'
W-7	W-6	21" RCP V	58.0'



Culvert crossing Great Oak at Briggs Chaney
Scale: Hor. 1" = 50' Ver. 1" = 5'

12-29-61 E. J. [signature]

SURVEYORS CERTIFICATE
I hereby certify that the information shown hereon is based on accurate field surveys in the WSSC level datum.
8 Dec 1961 — Date
[signature] D.L. McCathran L.S. # 2364

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

As Revised — [initials] 12-12-61
Grade Only — [initials] 12-14-61

SD # D-28, 62047-7
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAR 12, 1962
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. 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.
[signature] SENIOR DESIGNING ENGINEER

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M.'S NOTED		
	STRUCTURE NOTAT'NS CH'KD		

LEGEND
EXISTING ℄
PROPOSED ℄
RIGHT 25'
LEFT 25'

SCALE
HOR. 1"=50'
VER. 1"=05'

DES. S.H.G.
DR. C.R.T.
CHK. [initials]
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PLAN & PROFILE
SECONDARY RESIDENTIAL STREET
GREAT OAK LANE
FAIRLAND ACRES
DEC. 1961

12/11/61 APPROVED
T. J. Rennie — CHIEF HIGHWAY ENG. DIV.
R. J. [signature] — CHIEF BUREAU OF ENG.

PROJ.	FILE	DWG.
62-1245		1 of 4

659

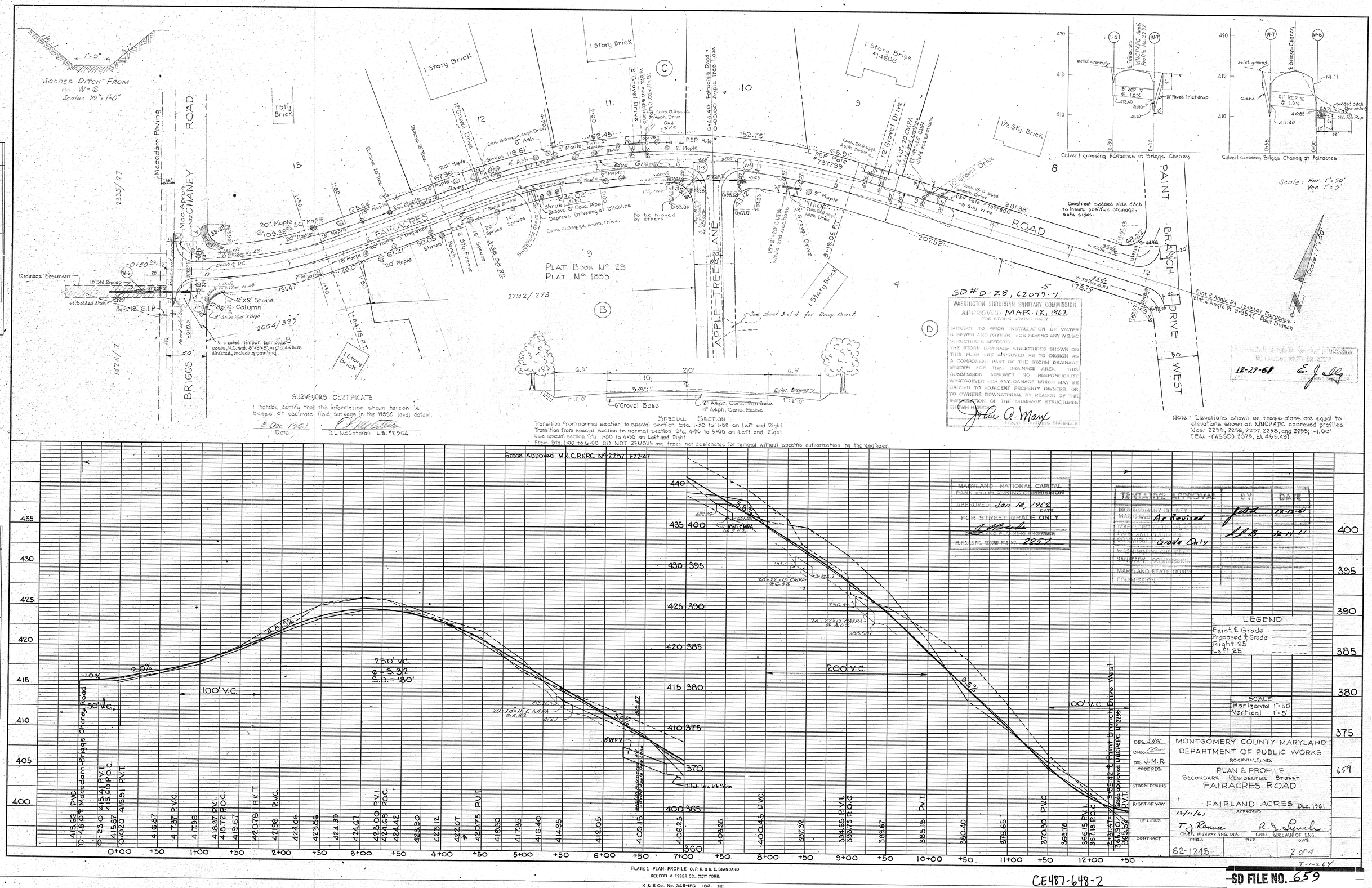
T-1.2.63

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co., No. 346-IFG 163 25111

CE487-648-1

SD FILE NO. 659

Maryland State Archives



SODDED DITCH FROM W-6
Scale: 1/2" = 1'-0"
BRIGGS CHANEY ROAD
FAIRACRES ROAD
APPLE TREE LANE
PAINT BRANCH DRIVE WEST
PLAT BOOK No. 29
PLAT No. 1833
1 Story Brick
1 Sty Brick
1 Story Brick #14606
1½ Sty. Brick
Macadam Paving
Drainage Easement
2'x2' Stone Column
Construct sodded side ditch to insure positive drainage, both sides.
Scale: Hor. 1" = 50' Ver. 1" = 5'
Culvert crossing Fairacres at Briggs Chaney
Culvert crossing Briggs Chaney at Fairacres
SURVEYORS CERTIFICATE
I hereby certify that the information shown hereon is based on accurate field surveys in the WSSC level datum.
8 Dec 1961
Date
D.L. McCathran L.S. #2364
SPECIAL SECTION
Transition from normal section to special section Sta. 1+30 to 1+80 on Left and Right
Transition from special section to normal section Sta. 4+50 to 5+00 on Left and Right
Use special section Sta. 1+80 to 4+50 on Left and Right
From Sta. 1+00 to 6+00 DO NOT REMOVE any trees not designated for removal without specific authorization by the engineer.
See sheet 3 of 4 for Drwy. Const.
SD # D-28, 62047-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAR. 12, 1962
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING 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.
John A. Marx
DESIGN DRAINING ENGINEER
12-29-61
Note: Elevations shown on these plans are equal to elevations shown on MNCP&PC approved profiles Nos. 2255, 2256, 2257, 2258, and 2259; -1.00' [BM -(WSSD) 2079, El. 455.49]
Grade Approved M.N.C.P.&P.C. No. 2257 1-22-47
MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED Jan 18, 1962
FOR STREET GRADE ONLY
M.N.C.P.&P.C. RECORD FILE NO. 2257
TENTATIVE APPROVAL
As Revised
Grade Only
LEGEND
Exist. ℄ Grade
Proposed ℄ Grade
Right 25'
Left 25'
SCALE
Horizontal 1" = 50'
Vertical 1" = 5'
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.
PLAN & PROFILE
SECONDARY RESIDENTIAL STREET
FAIRACRES ROAD
FAIRLAND ACRES Dec. 1961
12/11/61
62-1245
2 of 4
PLATE 1 - PLAN - PROFILE O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co., No. 346-1FG 163
CE487-648-2
SD FILE NO. 659

PLAT BOOK Nº 29
PLAT Nº 1833

Scale: 1" = 50'

FAIRFAX ROAD

APPLE TREE LANE

VALLEY VISTA LANE

G+44.40 Fairacres Road
0+00.00 Apple Tree Lane

6 treated timber barricade posts, M.C. std. 6-4.48-8, in place where directed, including painting.

See sheet 2 of 4 for Drwy. Constr.

1 Sty. Brick

Remove 53.5 sq.yd. Conc. Drive.
Conc. 21.0 sq.yd. Asph. Drive
Raise normal ditch section 6" and depress drive at ditchline

6" Mill Cherry
6" Ash
8" Mill Cherry

Conc. Apron

Bluestone Dr.

Conc. 26.0 sq.yd. Asph. Drive
Raise normal ditch section 6" and depress drive at ditchline

10' Bluestone Dr.

16' Chs. Evergreen Shrub

Slope Easement

10' std. Riprap

Limit of Paving

4 treated timber barricade posts, M.C. std. 6-4.48-8, in place where directed, including painting.

Conc. 13.0 sq.yd. Asph. Drive.
Raise normal ditch section 6" and depress drive at ditchline

2' Cedar Fence

2' Gravel Dr.

Cinderblock Garage

1 Sty. Brick

Conc. 31.0 sq.yd. Asph. Drive.

Existing Gravel Road

Slope Easement

Raise normal ditch section 6" and depress drive at ditchline
Conc. 31.0 sq.yd. Asph Drive.

4 treated timber barricade posts, M.C. std. 6-4.48-8, in place where directed, including painting.

7-1135 Apple Tree Lane
0+00.00 Valley Vista Lane

Raise normal ditch section 6" and depress drive at ditchline

Conc. 31.0 sq.yd. Asph. Drive.

1 Sty. Brick

1 Sty. Brick

2792/273

2722/388

2303/100

Culvert crossing Apple Tree @ Valley Vista

Culvert crossing Apple Tree @ Fairacres

Scale: Hor. 1"=50'
Ver. 1"=5'

SD # D-28, 62047-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAR 12, 1962
FOR STORM DRAINS ONLY

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SENIOR DESIGNING ENGINEER

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COM...
APPROVED Jan. 18, 1962
STREET GRADE ...
LAND PLANNING ENGINEER
M.N.C.P.&P.C. RECORD FILE NO. 2256

SURVEYORS CERTIFICATE

I hereby certify that the information shown hereon is based on accurate field surveys in the W.S.S.C. level datum.

3 Dec. 1961
Date

D.L. McCathran L.S. # 2364

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
AS-BUILT
AS-BUILT CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
AS-BUILT
NOTE BOOK
NO.
STRUCTURE NOTATIONS CHKD
BY
DATE

12-28-61 E.J. Sly

Grade Only
12-12-61
12-14-61

Grade Revision Requested
Grade Approved M.N.C.P.&P.C. Nº 2259
Jan. 22, 1947

4.00%
-2.00%
-6.00%
20' VC
e = 0.18
20' VC
e = 0.24

VALLEY VISTA LANE

Grade Revision Requested Of Approved Profile No. 2256

1.00%
-5.08%
-7.08%
4.67%

270' VC
e = 4.02
S.D. = 150'

200' VC
e = 2.07
S.D. = 100'

200' VC
e = 4.04

LEGEND
Existing ℄ Grade
Proposed ℄ Grade
Right 25'
Left 25'

SCALE
Horizontal 1"=50'
Vertical 1"=5'

DES. SHG
CHK. [illegible]
DR. B.L.S.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

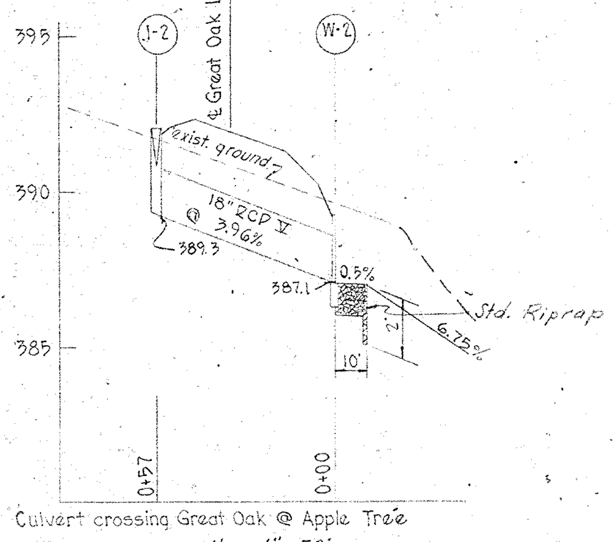
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.
PLAN & PROFILE
SECONDARY RESIDENTIAL STREET 659
APPLE TREE LANE
FAIRLAND ACRES DEC. 1961
12/11/61 APPROVED
T.J. Rennie CHIEF HIGHWAYS 2ND DIV.
R.J. Spacht CHIEF BUREAU OF ENGG.
PROJ. 62-1245 FILE DWG. 3 OF 4

PLATE 1 - PLAN - PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co. No. 348-IFG 163 2511

CE487-648-3

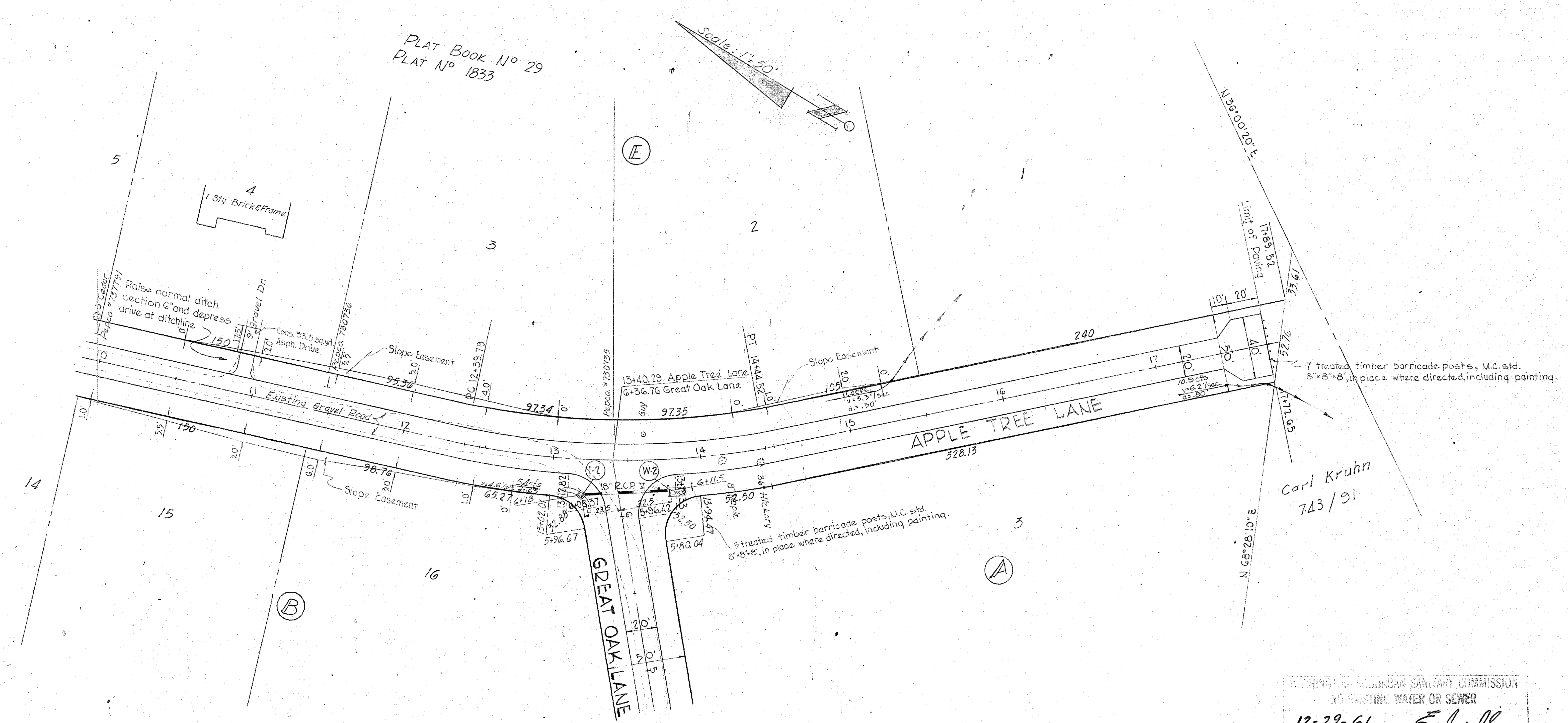
SD FILE NO. 659

Maryland State Archives



Culvert crossing Great Oak @ Apple Tree
Scale: Hor. 1"=50' Ver. 1"=5'

PLAN	
NOTE BOOK	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
NO.	RT. OF WAY CHECKED
BY	DATE



SD #D-28, 62047-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED: MAR. 12, 1962
*FOR STORM DRAINS ONLY

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John A. Marx
SENIOR DESIGNING ENGINEER

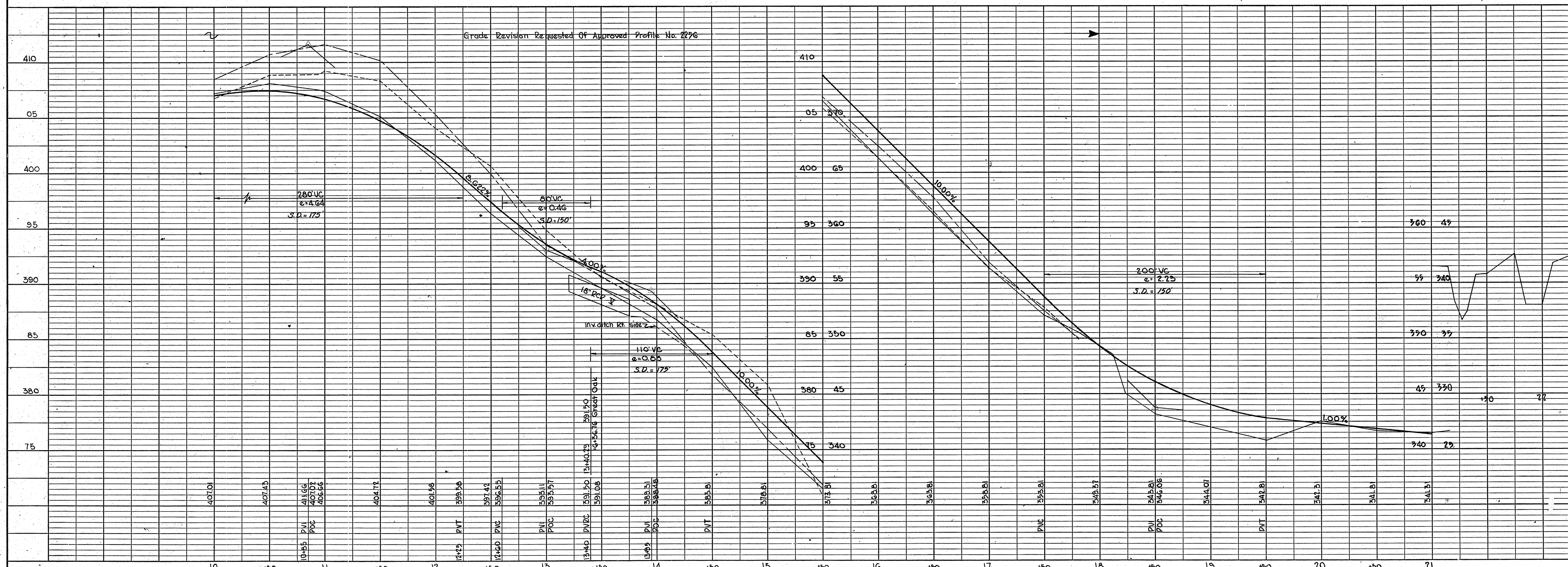
MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED Jan. 18, 1962 DATE
FOR STREET GRADE ONLY
[signature]
~~CHIEF~~ LAND PLANNING ENGINEER
M.-N.C.P.& P.C. RECORD FILE NO. 2256

TENTATIVE APPROVAL	BY	DATE
MONTGOMERY COUNTY MARYLAND As Revised	[initials]	12-12-61
MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION Grade Only	[initials]	12-14-61
WASHINGTON SUBURBAN SANITARY COMMISSION		
MARYLAND STATE ROADS COMMISSION		

WASHINGTON SUBURBAN SANITARY COMMISSION
NO EXISTING WATER OR SEWER
12-29-61 E. J. Ily
DESIGNING ENGINEER

SURVEYORS CERTIFICATE
I hereby certify that the information shown hereon is based on accurate field surveys in the WSSC level datum.
8 Dec 1961 — Date
[signature] D.L. McCathran L.S. #2364

PROFILE	
NOTE BOOK	SURVEYED
	PLOTTED
	GRADES CHECKED
	B. M.s NOTED
NO.	STRUCTURE NOTAT'NS CH'KD.
BY	DATE



DES. SHG	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
CHK. [initials]	
DR. B.I.S.	
CODE REQ.	PLAN & PROFILE SECONDARY RESIDENTIAL STREET 659 APPLE TREE LANE FAIRLAND ACRES DEC. 1961
STORM DRAINS	
RIGHT OF WAY	APPROVED
UTILITIES	12/11/61 T. J. Rennie — CHEIF, HIGHWAY ENG. DIV. / R. J. Lynch — CHIEF, BUREAU OF ENG.
CONTRACT	PROJ. 62-1245 / FILE / DWG. 4 of 4

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co., No. 346-IFG 163 25111

CE 487-648-4

SD FILE NO. 659

Maryland State Archives