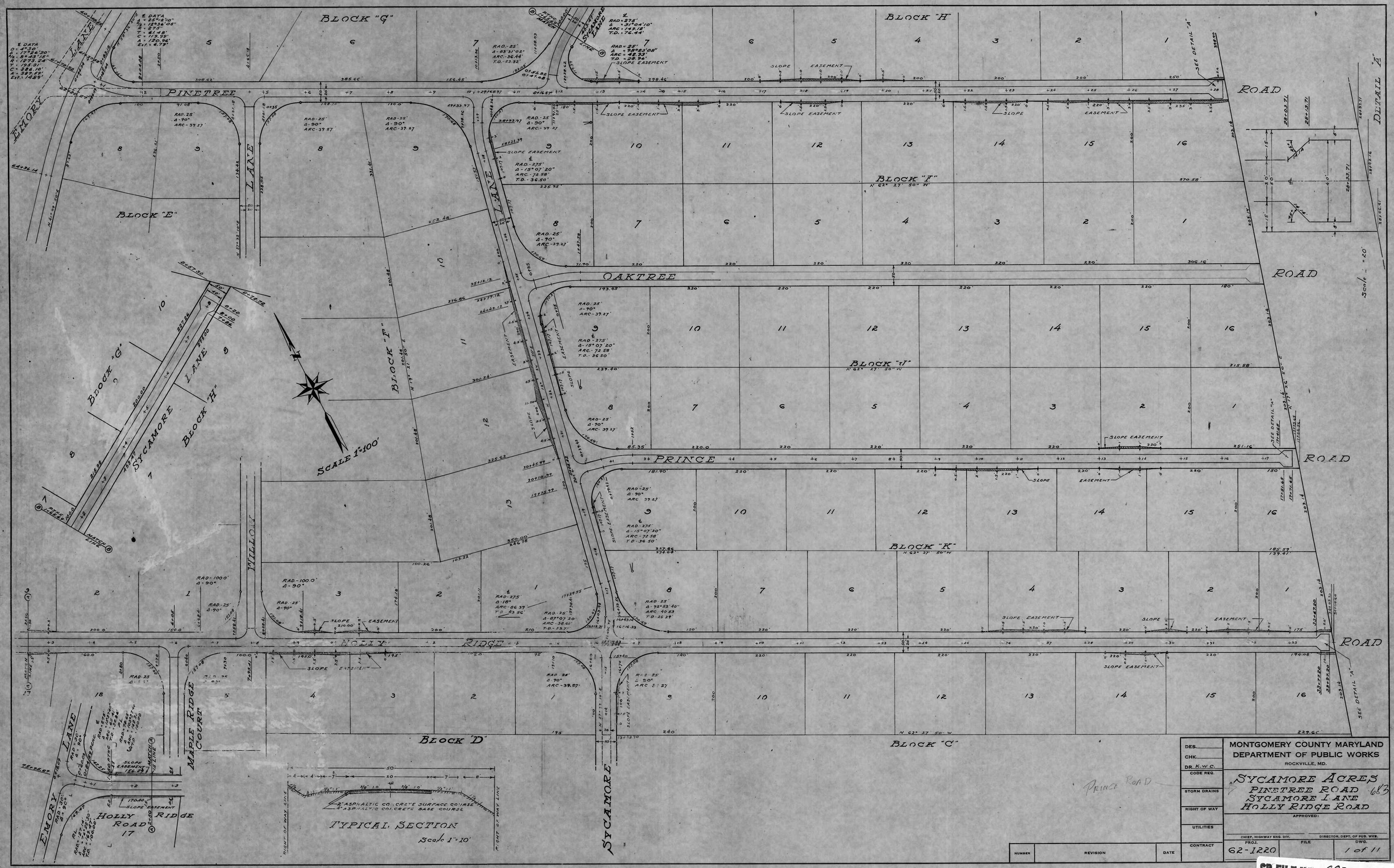


MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

SYCAMORE ACRES
PINETREE ROAD
SYCAMORE LANE
HOLLY RIDGE ROAD

683

DES.
CHK.
DR. K.W.C.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

APPROVED:
CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. WKS.

NUMBER	REVISION	DATE

PROJ. 62-1220 — FILE — DWG. 1 of 11

PRINCE ROAD

CE487-671-1

SD FILE NO. 683

Bench Mark: N&W in root of twin 36" oak north side Emory Lane @ Int. Pine Tree Rd. El.: 396.59
Sycamore Acres Plat Book 34, Plat No. 2218
Note: Sod all drainage ditches. Sod all disturbed areas adjacent to developed property. Seed all disturbed areas adjacent to undeveloped property.
Bench Mark: N&W in pole # M-215 east side Pine Tree Rd. @ Int. Sycamore Lane. El. 442.38
Sycamore Acres Plat Book 34, Plat No 2218
Lots 9 & 10 Block "H" Sycamore Acres A Resubdivison of Lot 8 & Part of Lots 6 & 7 Plat Book 67 Plat No. 6114
Scale 1"=50'
Existing Wooden Bridge
Stream
Emory Lane
Pinetree Road
Willow Lane
Sycamore Lane
Bench Mark: N&W in PepCo Pole # 732672 east side Pine Tree Rd. @ Int. Willow Lane. El.: 412.49
Rose Bush Hedge
3 Strand Barb Wire Fence
1 Story Brick
1 Story Stucco
1 Story Frame
Match Line to Sheet 3 of 6
Omit standard surface drainage ditch. Hold 1/2":1' slope from edge of paving to ditch line.
Hold 1/2"/1' slope from edge of paving @ 29+05 to ditch line. Grade from this point to W-8 as directed for positive drainage.
Note: From Sta. 13+00 to Sta. 11+00 on Rt. use a 3:1 slope from edge of shoulder to Inv. of ditch.
Salvage 15" C.M.P. from 31+00± Sycamore Lane for temporary construction.
Surveyors Certificate
I hereby certify that the drawings shown hereon are based on accurate field surveys in the W.S.S.C. datum.
Date 6/26/62
L.S. # 2364
Sycamore Acres Plat Book 34 Plat 2217
See Drawing 6 of 11 for Location Map.
Sycamore Acres Plat Book 34 Plat 2218
Legend
℄
25' RT.
25' LT.
Prop. Gr.
Typical Section
Scale 1"=10'
2" Asphaltic Concrete Surface Course
4" Asphaltic Concrete Base Course
Sight distance based on height of eye of 4.5 ft, height of object 4 inches.
Future Paving
Min. S.D. = 206'
Unsymmetrical V.C.
S.D. & D-29, 62107-Y
Washington Suburban Sanitary Commission
* Approved June 27-62
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.
Senior Designing Engineer
* As temporary construction
Montgomery County Maryland
Department of Public Works
Rockville MD
Plan Profile
Pinetree Road
Sycamore Acres
July 27, 1961
Scale as shown
DES
DR J.H.D.
CHK
Approved:
Chief, Highway Eng. Div.
Director, Dept. of Pub. Wks.
Proj. 62-1220
File
Dwg. 2 of 11
Plate 1—Plan-Profile O. P. R. & R. E. Standard
261 FM-3 Ageproof film made and printed in U. S. A.
Eugene Dietzgen Co., Chicago
SD File No. 683
CE487-671-2

SYCAMORE ACRES
PLAT BOOK 34, PLAT No. 2218

Lots 9 & 10
Block "H"
Sycamore Acres
A Resubdivison of
Lot 8 & Part of Lots 6 & 7
Plat Book C7 Plat No 6114

Bench Mark:
Nail in Pepco pole
#736249 on Lt 19185
Pine Tree Rd.
El. 467.81

Bench Mark:
Nail in Pepco Pole #
@ 25100 on Lt.
El. 488.96

PINETREE ROAD

GRAVEL DR.

1 STORY CINDER BLK.

1 STORY BRICK

Slope Easement

Omit standard surface drainage ditch on Lt from sta. 24+75 to 26+40 ±. Hold 12" I shoe from edge of shoulder to ditch line.

Edge of Pavement
4'
3'
Post Barricade
1½:1

SECTION AT END OF PAVEMENT

Mont. Co. Std. Post Barricade 9 Posts (Paint Red White) 5'c.c. 3' from Edge of Pavings.

PER POLE #736246
PER POLE #736247
PER POLE #736248
PER POLE #736249
PER POLE #736250
PER POLE #736251
PER POLE NO #

SHRUBS
BOARD FENCE
RAIL FENCE
TREE
ROSE BUSH HEDGE

NOTE:
Sod all drainage ditches.
Sod all disturbed areas adjacent to developed property.
Seed all disturbed areas adjacent to undeveloped property.

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THE DRAWINGS SHOWN HEREON ARE BASED ON ACCURATE FIELD SURVEYS IN THE W.S.S.C. DATUM.
DATE 6/26/62
L.S. #2364

PLAT BOOK 34 PLAT 2218

See Drowing 6 of 11 for Location Map

SECTION AT STA. 28+25

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

LEGEND
℄
25' R.T.
25' L.T.
PROP GR.

TYPICAL SECTION
SCALE 1"=10'

Sight distance based on Height of Eye of 4.5 ft. Height of object 4 inches.

100' V.C.
G = 30
S.D. = 230'

200' V.C.
G = 1.77
S.D. = 203'

S.D. #29, 62107-1
WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED June 27-62
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER OR SEWER AND PAYMENT FOR MOVING ANY WSSC STRUCTURE IS 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. Mark
SENIOR DRAINING ENGINEER
*As temporary construction

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
NOTE BOOK	R. W.S. NOTED	
NO.	STRUCTURE NOTATIONS CHKD.	

NUMBER	REVISION	DATE

DES.	
DR. JHD	
CHK	
CODE REQ.	
STORM DRAINS	
RIGHT OF WAY	
UTILITIES	
CONTRACT	

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE MD

PLAN PROFILE
PINETREE ROAD
SYCAMORE ACRES
JULY 27, 1961 SCALE AS SHOWN

APPROVED:
CHIEF, HIGHWAY ENG. DIV. DIRECTOR, DEPT. OF PUB. WKS.

PROJ.	FILE	DWG.
62-1220		3 of 11

683

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

CE487-671-3

SD FILE NO. 683

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED June 27-62
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.
SENIOR DESIGNING ENGINEER

DES.	
DR.	
CHK.	
REVISIONS	

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PLAN & PROFILE
HOLLY RIDGE ROAD
FROM 0+55.09 TO 15+40.00
SYCAMORE ACRES

SCALE — HOR. 1" = 50' VER. 1" = 5'

JANUARY 1962

APPROVED

CHIEF-DIV. OF HWY ENG'G. — CHIEF-BUREAU OF ENG'G.

PROJECT: 62-1220 DWG: -4 OF 11

683

CE487-671-4

SD FILE NO. 683

Bench Mark:
U&W in PepCo pole #134776
east side Holly Ridge Rd.
@ Int. Sycamore Lane.
El. 444.46

Bench Mark:
U&W in PepCo pole
#737589.
El. 476.67

SYCAMORE LANE

HOLLY RIDGE ROAD

BLOCK K
SYCAMORE ACRES
PLAT BOOK 34, PLAT No. 2218

SYCAMORE ACRES
PLAT BOOK 34, PLAT No 2216
BLOCK C

Omit Standard Surface Drain Ditch on Left between Sta 23+76 to Sta 25+65.

Ditch 9"x56"cfs
V=3.19 f/s
Depth 0.90

Outlet Ditch to 70'± beyond end of W-1

0'-6" Freeboard
6'-4"
2:1
5'-1" Min
2:1
2'-6"
Outlet Ditch at W-1
Sod Bottom & Side Slopes

NOTE:
Sod all drainage ditches.
Sod all disturbed areas adjacent to developed property.
Seed all disturbed areas adjacent to undeveloped property.

See Drawing 6 of 11
for Location Map

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THE DRAWINGS SHOWN HEREON ARE BASED ON ACCURATE FIELD SURVEYS IN THE M.S.S.C. DATUM.
DATE 6/26/62 C. P. Walton
L.S. #2241

LEGEND
℄ 50' Right Of Way
Property Line 25' Right ℄
Property Line 25' Left ℄
Proposed Center Line Grade

Sight Distance Based on Height of Eye of 4.5 ft, Height of Object 4 Inches.

S.D. #D-29, 62107-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED June 27-62
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.
By [illegible]
Director of Construction
*As temporary construction

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE MARYLAND
PLAN AND PROFILE
HOLLY RIDGE ROAD
SYCAMORE ACRES
Scale 1"=50' HOR 1"=5' VERT
DATE: SEPT 1961
PROJECT G2-1220
FILE
DRAWING NO. 5 of 11

DES
DR
CHK
CODE REQ.
STORM DRAIN
RIGHT OF WAY
UTILITIES
CONTRACT
NUMBER | REVISION | DATE

683

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, ART. OF MAT. CHECKED, NOTE BOOK, NO., BY, DATE

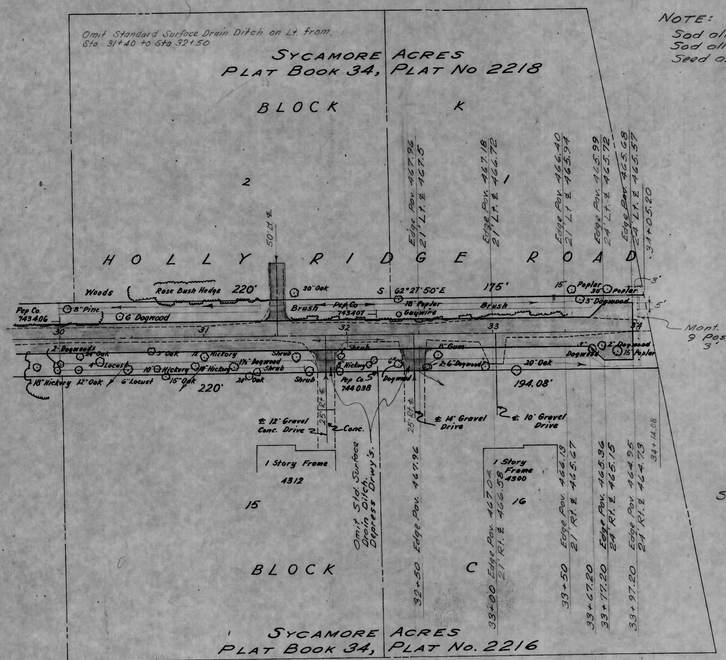
PROFILE: SURVEYED, DRAWN, CHECKED, B. M.'s NOTED, STRUCTURE NOTATNS CH'KD, NOTE BOOK, NO., BY, DATE

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

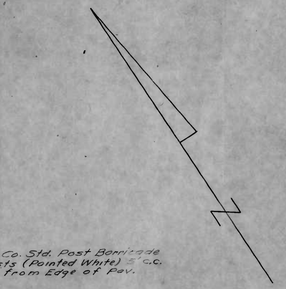
CE 487-671-5

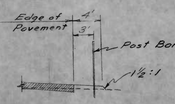
SD FILE NO. 683

Bench Mark:
NAIL in 16" Poplar
@ 30' 33155.
El: 468.02

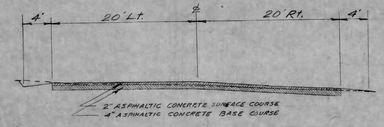


NOTE:
Sod all drainage ditches.
Sod all disturbed areas adjacent to developed property.
Seed all disturbed areas adjacent to undeveloped property.

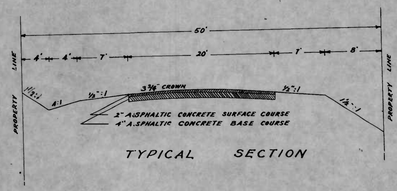




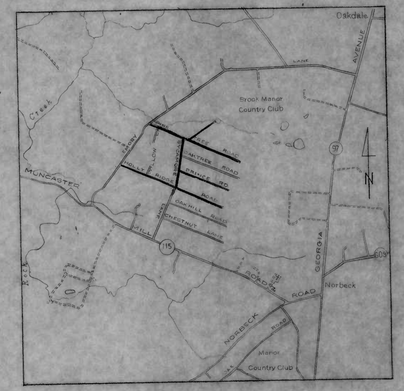
SECTION AT END OF PAVEMENT



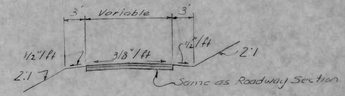
SECTION AT STA. 33+85



TYPICAL SECTION



LOCATION MAP
SCALE · 1"·2000'

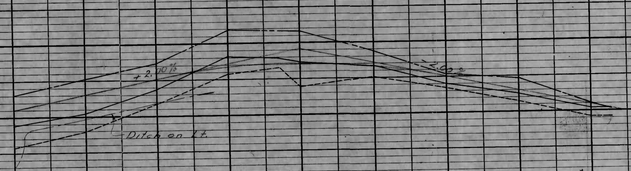


TYPICAL SECTION
TO BE USED AT ALL RESIDENCE ENTRANCES

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THE DRAWINGS SHOWN HEREON ARE BASED ON ACCURATE FIELD SURVEYS IN THE W.S.S.C. DATUM.
DATE 6/26/62 [signature] LS #2369

Sight Distance Based on Height of Eye of 4.5 ft, Height of Object 4 Inches.

S.D. # D-29, 62107-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED June 27-62
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAIN PIPE CIRCLES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS SUBDIVISION. THE 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]
CHIEF ENGINEER
*As temporary construction



LEGEND
℄ 50' RIGHT OF WAY
PROPERTY LINE 25' RIGHT ℄
PROPERTY LINE 25' LEFT ℄
PROPOSED CENTER LINE GRADE

NUMBER	REVISION	DATE

DES.
DR
CHK
CODE REQ
STORM DRAIN
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE MARYLAND

PLAN AND PROFILE
HOLLY RIDGE ROAD
SYCAMORE ACRES

Scale 1"·50' HOR. 1"·5' VERT
DATE · SEPT 1961

PROJECT	FILE	DRAWING NO.
62-1220		6 of 11

683

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

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B. M.'s NOTED, STRUCTURE NOTATNS. CHKD., NOTE BOOK, NO., BY, DATE

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

CE487-671-6

SD FILE NO. 683

PLAT BOOK
PLAT No. 2216
BLOCK D

Bench Mark:
Nail & Washer in Pepco Pole
#741371 on Lt. 20182
Sycamore Lane.
El. 428.81

NOTE:
Sod all drainage ditches.
Sod all disturbed areas adjacent to developed property.
Seed all disturbed areas adjacent to undeveloped property.

Bench Mark:
Nail & Washer in Pepco Pole #738129
18' Rt. 13450 Sycamore Lane.
El. 441.98

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THE DRAWINGS SHOWN HEREON ARE BASED ON ACCURATE FIELD SURVEYS IN THE W.S.S.C. DATUM.
DATE 6/26/62
LS # 2364

SCALE HOR. 1"=50'
SCALE VERT. 1"=5.0'

SECTION ON RIGHT
STA. 14+50 to STA. 13+35±
Meet Ex. Ditch at 36+13+35±

TYPICAL SECTION
Scale 1"=10'

LEGEND
℄ 50' RIGHT OF WAY
PROPERTY LINE 25' RIGHT ℄
PROPERTY LINE 25' LEFT ℄
PROPOSED CENTER LINE GRADE

Sight Distance Based on Height of eye of 4.5 ft.
Height of Object 4 inches.

S.D. #D-29, 62107-4
WASHINGTON SUBURBAN SANITARY COMMISSION
* APPROVED June 27-62
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAVEMENT FOR MOVING ANY W.S.S.C. STRUCTURE 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. THE COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS OF PROPERTY AT POINTS OF INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
John P. Mont
SENIOR PLANNING ENGINEER
* As temporary construction

DES.	
DR. K.W.C.	
CHK	
CODE REQ.	
STORM DRAIN	
RIGHT OF WAY	
UTILITIES	

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE MARYLAND

PLAN AND PROFILE
SYCAMORE LANE
SYCAMORE ACRES
PINETREE ROAD TO 200' SO. OF HOLLY RIDGE ROAD

NUMBER	REVISION	DATE	CONTRACT

PROJECT	FILE	DRAWING
62-1220		7 of 11

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

CE487-671-7

SD FILE NO. 683

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

Bench Mark:
Nail in pole 9.49' S15° E of the S.W. side line of the N.B. @ Int. of Sycamore Lane.
El. 442.38

NOTE:
Sod all drainage ditches.
Sod all disturbed areas adjacent to developed property.
Seed all disturbed areas adjacent to undeveloped property.

BLOCK "G"
SYCAMORE ACRES
PLAT BOOK 34, PLAT No. 2218

BLOCK "H"
SYCAMORE ACRES
PLAT BOOK 34, PLAT No. 2218

LOTS 9 & 10
BLOCK "I"
SYCAMORE ACRES
A RESUBDIVISON OF
LOT 8 & PART OF LOTS 6 & 7
PLAT BOOK 67 PLAT No. 6114

SYCAMORE LANE

PINETREE LANE

ROAD

1 STORY BRICK

1 STORY STUCCO & STONE

FRAME SHED

SPRING HEAD

POND

WOODED

Wooded Area

See Drawing 6 of 11 for Location Map

Note: From the edge of paving on the right side of turn-around hold a slope of 1" to 1' for 3' to create flow line.

TYPICAL SECTION

SCALE 1"=5'

2" ASPHALTIC CONCRETE SURFACE COURSE
4" ASPHALTIC CONCRETE BASE COURSE

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE DRAWINGS SHOWN HEREON ARE BASED ON ACCURATE FIELD SURVEYS IN THE W.S.S.C. DATUM.
DATE 6/26/62
L.S. #2564

LEGEND

- ℄ 50' RIGHT OF WAY
- PROPERTY LINE 25' RIGHT ℄
- PROPERTY LINE 25' LEFT ℄
- PROPOSED CENTER LINE GRADE

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | NOTE BOOK | STRUCTURE NO. | BY | DATE | STRUCTURE NO. | STATIONS CHECKED

Sight Distance based on height of eye of 4.5 ft. & that of object 4" inches.

200' VERTICAL CURVE
E = 2.33
S.D. = 120

250 VERTICAL CURVE
E = 3.51
S.D. = 170

300' VERTICAL CURVE
E = 3.78
S.D. = 200'

S.D. # D-29, 62107-X

WASHINGTON SUBURBAN SANITARY COMMISSION
* APPROVED June 27, 62
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER & ANY PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURE IF 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. THE COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OR CLAIMS OF TO OWNERS OR TENANTS BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
John P. Mayo
SENIOR DESIGNING ENGINEER

* As temporary construction

DES. | DR. K.W.C. | CHK. | REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PLAN & PROFILE
SYCAMORE LANE
FROM 0+00 TO 8+57.30
SYCAMORE ACRES
JANUARY 1962
SCALE — HOR. 1"=50' VER. 1"=5'

APPROVED

CHIEF-DIV. OF H'WY. ENG'G. | CHIEF-BUREAU OF ENG'G.
PROJECT 62—1220 | DWG: 8 OF 11

683

PLATE 1 - PLAN-PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co., No. 346-IFG 163 25m

CE487-671-8

SD FILE NO. 683

S.D. #D-29, 62107-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED June 27-62
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
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John A. Mayer
SENIOR DESIGNING ENGINEER

*As temporary construction

DES.	
DR.	K.W.C.
CHK.	
REVISIONS	

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

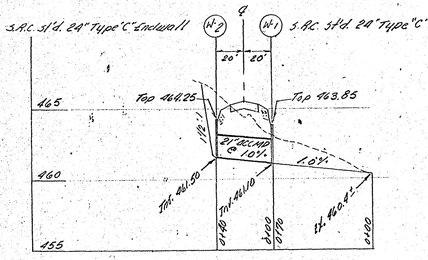
PRINCE ROAD
FROM ______ TO ______
SYCAMORE ACRES
SCALE— HOR 1"=50' VER. 1"=5'
JANUARY 1962
APPROVED
CHIEF-DIV. OF HWY. ENG'G. CHIEF-BUREAU OF ENG'G
PROJECT: 62-1220 DWG: 9 of 11

683

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

CE487-671-9

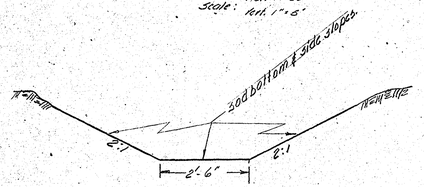
SD FILE NO. 683



21" ACCMP @ 30+00

Holly Ridge Rd.

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

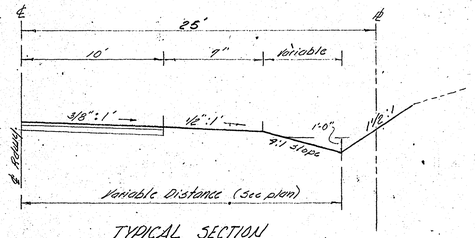


Outlet Ditch @ W-1

Scale: 1"=2'

GENERAL NOTES

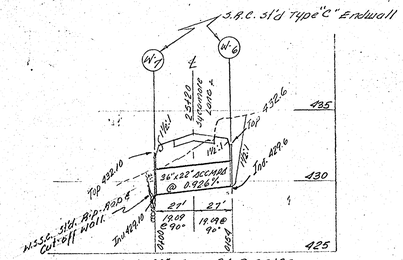
1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
3. Information 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 plan or 6" (6) inches, whichever is less, contact the storm drain section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All storm drainage construction shown on plans to be maintained by Montgomery County, Department of Public Works.



TYPICAL SECTION

Scale: 1"=5'

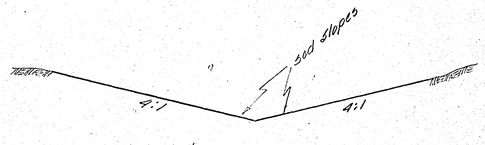
Where side ditch slope is greater than the roadway slope, or side ditch is deeper coming from culverts, use this section unless noted otherwise.



36"x22" Accmpa @ 25+20

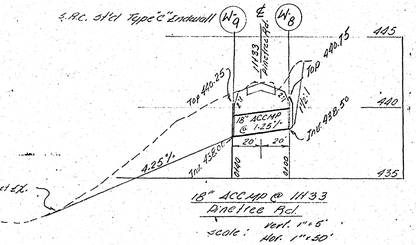
Sycamore Lane

Scale: Hor. 1"=30'
Vert. 1"=5'



Outlet Ditch 10' back W-9

Outlet ditch from W-9 to exist. ground 1+50± Sycamore Lane.



18" ACCMP @ 11+33

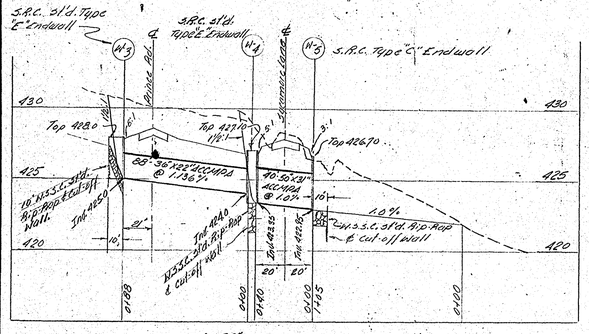
Pinetree Rd.

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

S.R.C. std. Type "E" Endwall

S.R.C. std. Type E Endwall

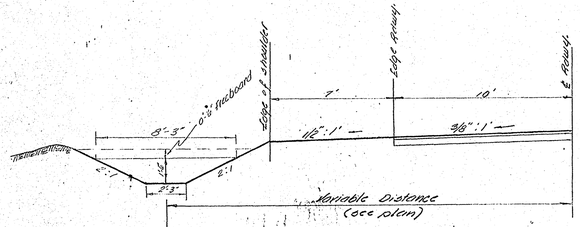
S.R.C. Type "C" Endwall



36"x22" ACCMPA - Prince Road

30"x31" ACCMPA - Sycamore Lane sta. 20+82.65

Scale: Hor. 1"=30'
Vert. 1"=5'

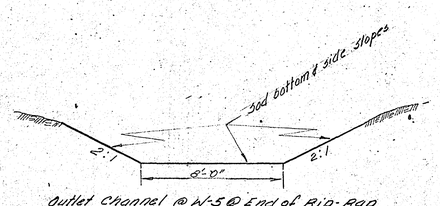


Side Ditch, West Side Sycamore Lane

23+50 to 25+00

Sod bottom & side slopes

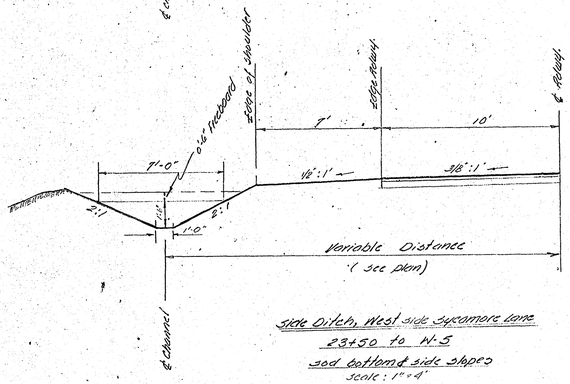
Scale: 1"=4'



Outlet Channel @ W-5 @ End of Rip-Rap

Sycamore Lane, Sta. 20+82.65

Scale: 1"=4'

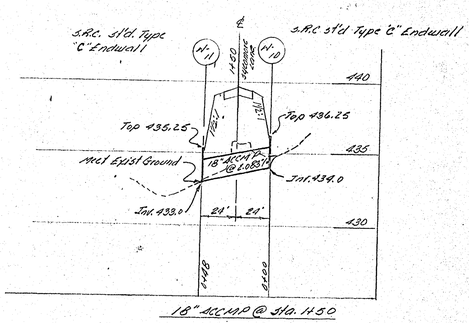


Side Ditch, West side Sycamore Lane

23+50 to W-5

Sod bottom & side slopes

Scale: 1"=4'



18" ACCMP @ 9+0.1+50

Sycamore Lane

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

S.D. #D-29, 62107-Y

WASHINGTON SUBURBAN SANITARY COMMISSION

*APPROVED June 27, 62

FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WS:SC 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. Mayl

SENIOR DESIGNING ENGINEER

*As temporary construction

NUMBER	REVISION	DATE

DES.
CHK.
DR.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

SYCAMORE ACRES
DITCH SECTIONS & PIPE PROFILES

683

APPROVED:

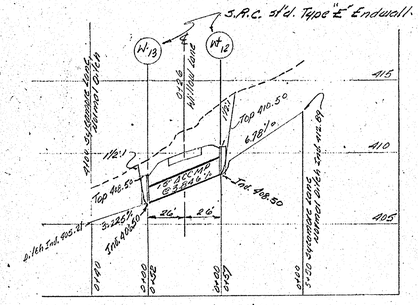
CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. WKS.

PROJ. 62-1220 | FILE | DWG. 10 of 11

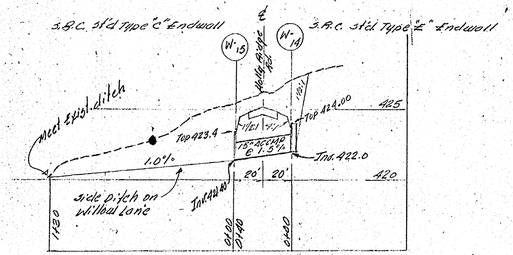
SD FILE NO. 683

CE487-671-10

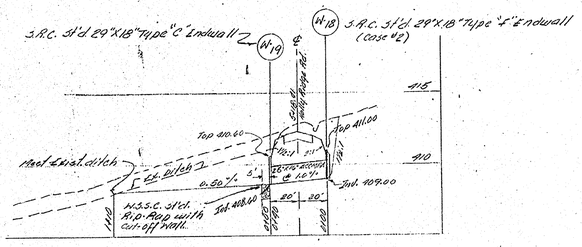
Maryland State Archives



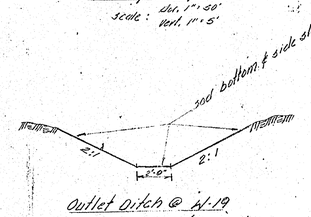
15" ACCMP @ 0+20, Willow Lane
@ Pinetree Road
Scale: Hor. 1"=50'
Vert. 1"=5'



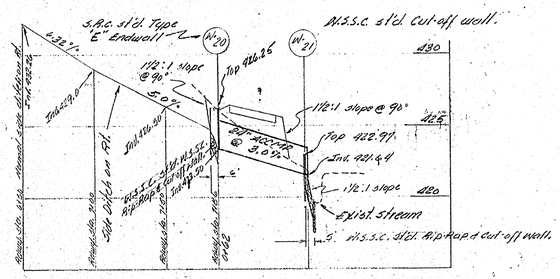
15" ACCMP @ 0+30
Holly Ridge Rd.
Scale: Hor. 1"=50'
Vert. 1"=5'



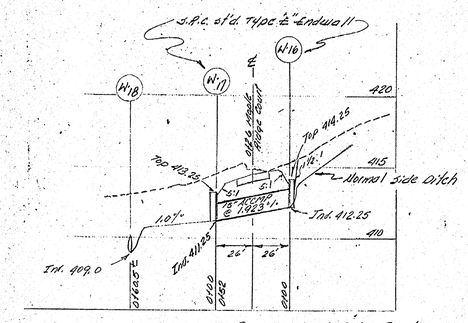
25"X16" ACCMPA @ 5+18.91
Holly Ridge Rd.
Scale: Hor. 1"=50'
Vert. 1"=5'



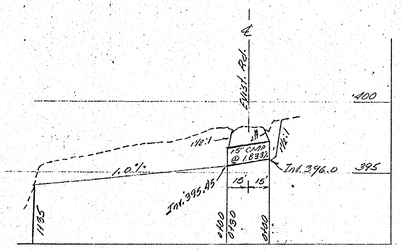
Outlet Ditch @ W-19
Scale: 1"=4'



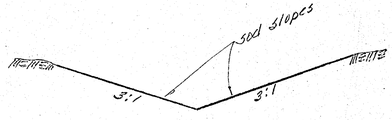
24" ACCMP @ Turn Around
@ Sycamore Lane
Scale: Hor. 1"=50'
Vert. 1"=5'



15" ACCMP @ 0+26, Maple Ridge Court
@ Holly Ridge Rd.
Scale: Hor. 1"=50'
Vert. 1"=5'



Temporary 15" C.M.P. @ 1+50
Exist. Rdwy. Pinetree Rd.
Pipe to be salvaged from
21+00± Sycamore Lane.
Scale: Hor. 1"=50'
Vert. 1"=5'



Outlet Ditch from Temporary
15" C.M.P. @ 1+50
Pinetree Rd.

PIPE SCHEDULE

TOTAL LENGTH	SIZE	TYPE	REMARKS
146 L.F.	15"	A.C.C.M.P.	#16 Gage W/ Paved Invert & 2 Shop fabricated End-Sections.
220 L.F.	18"X11"	A.C.C.M.P.A.	#16 Gage W/ Paved Invert & 2 Shop fabricated End-Sections.
88 L.F.	18"	A.C.C.M.P.	#16 Gage W/ Paved Invert
22 L.F.	22"X18"	A.C.C.M.P.A.	#16 Gage W/ Paved Invert & 2 Shop fabricated End-Sections.
40 L.F.	21"	A.C.C.M.P.	#16 Gage W/ Paved Invert
40 L.F.	25"X16"	A.C.C.M.P.A.	#16 Gage W/ Paved Invert
62 L.F.	24"	A.C.C.M.P.	#14 Gage W/ Paved Invert
142 L.F.	36"X22"	A.C.C.M.P.A.	#14 Gage W/ Paved Invert
40 L.F.	50"X31"	A.C.C.M.P.A.	#12 Gage W/ Paved Invert

STRUCTURE SCHEDULE

NO.	TYPE	TOP ELEV.	REMARKS
W-1	"C"	413.85	S.R.C. std'd 24" Type "C" Endwall Modified to accomodate 21" ACCMP.
W-2	"C"	414.25	S.R.C. std'd 24" Type "C" Endwall Modified to accomodate 21" ACCMP.
W-3	"E"	428.00	S.R.C. std'd. 36"X22" Endwall.
W-4	"E"	427.10	S.R.C. std'd. 50"X31" Endwall to also accomodate Outlet Inv. of 36"X22" ACCMPA.
W-5	"C"	426.70	S.R.C. std'd. 50"X31" Endwall.
W-6	"C"	432.60	S.R.C. std'd. 36"X22" Endwall.
W-7	"C"	432.10	S.R.C. std'd. 36"X22" Endwall.
W-8	"F"	430.75	S.R.C. std'd. 18" Endwall, Case #2
W-9	"C"	440.25	S.R.C. std'd. 18" Endwall.
W-10	"C"	436.25	S.R.C. std'd. 18" Endwall.
W-11	"C"	435.25	S.R.C. std'd. 18" Endwall.
W-12	"E"	410.50	S.R.C. std'd. 15" Endwall.
W-13	"E"	405.50	S.R.C. std'd. 15" Endwall.
W-14	"E"	424.00	S.R.C. std'd. 15" Endwall.
W-15	"C"	423.40	S.R.C. std'd 15" Endwall.
W-16	"E"	414.25	S.R.C. std'd. 15" Endwall.
W-17	"E"	413.25	S.R.C. std'd. 15" Endwall.
W-18	"F"	411.00	S.R.C. std'd. 29"X18" Type "F" Endwall modified to accomodate 25"X16" ACCMPA. Case #2
W-19	"C"	410.60	S.R.C. std'd. 29"X18" Type "C" Endwall modified to accomodate 25"X16" ACCMPA.
W-20	"E"	426.25	S.R.C. std'd. 24" Endwall.
W-21	Cut-Off	422.97	W.S.S.C. std'd. cut-off wall for 24" ACCMP.

S.D. #D-29, 62107-Y

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Thomas R. Mayo
SENIOR DESIGNING ENGINEER

*As temporary construction

DES. ____
CHK. ____
DR. ____
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STORM DRAINS
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SYCAMORE ACRES
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APPROVED:
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PROJ. 62-1220 | FILE | DWG. 11 of 11

NUMBER	REVISION	DATE

CE487-671-11

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Maryland State Archives