Note: P.C.s & P.T.s of Curb fillets are normal unless elev. is noted

WASHINGTON SUBURBAN SANITARY COMMISSION APPROVED DEC. 31, 1959 FOR STREET GRADE ONLY — DESIGNING ENGINEER

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION APPROVED January 14, 1960 DATE FOR STREET GRADE ONLY — LAND PLANNING ENGINEER — M.N.C.P.&P.D. RECORD FILE NO. 6444

L = 345.95
Δ = 27°-40'-40"
D = 8°-00'-00"
T = 176.43'
R = 716.20'

LAY WOMEN'S ASSOC.
5401 West Cedar Lane
Bethesda, Maryland

GEORGETOWN ROAD

PROPOSED RECONSTRUCTION BY S.R.C. PAVING

Ultimate R/W 100.61'

J.B.D. REESIDE c/o EQUITABLE TRUST CO CALVERT & FAYETTE STS BALTIMORE, MD

TEMPORARY BITUMINOUS CONSTRUCTION TO MEET EXISTING OLD GEORGETOWN RD

EXISTING R/W

CLEARING LIMITS

Existing R/W & Ultimate R/W 65.51'

B.M. - BONNET BOLT OVER 4" OUTLET ON F.H. S.W. CORNER OLD GEORGETOWN ROAD & OAK LANE EL 375.59

Length and Location of pipe as Directed

Temporary For Driveway 11"x 13" ACCMP

ROCK CREEK KAYCEE CLUB
5417 CEDAR LANE
BETHESDA, MD

2+90 ± Entrance Std. 23B See note 12

WASHINGTON SUBURBAN SANITARY COMMISSION
4017 HAMILTON ST.
HYATTSVILLE MD.

6-80 LT. ℄ ENTR. Std. 23B See Note 12 RADIUS AS NOTED

Existing Entrance Walls to be removed

MACADAM PARKING LOT

CONSTRUCT CONCRETE FLUME TO MEET INLET AS DIRECTED BY ENGR. IN FIELD.

2 STORY BRICK

WEST CEDAR LANE

15' Easement for Drainage Pipe Construction & Maintenance

Drainage Easement

National Institute of Health

MATCH LINE

SCALE: 1" = 30'

PIPE SCHEDULE				STRUCTURE SCHEDULE			
DIAM.	LINE	LENGTH	ASTM. DESIGN	No.	TYPE	TOP ELEV	REMARKS
11"x15"	W-1 to W-1A	20'	ACCMP	W-1	Entr. Wall	-	SRC Std. Details
15"	W-2 to I-3	8'	RCCP	W-1A	" "	-	" " "
15"	I-3 to I-4	47'	RCCP	W-2	"C" Wall	-	" " "
15"	I-4 to W-3	37'	RCCP	I-3	B-1	370.87	WSSC Std. Details
15"	I-2 to I-4	89'	RCCP	I-4	A-1	370.58	" " "
15"	I-5 to I-6	46'	RCCP	W-3	Cut off Wall & Flap Gate	-	See Detail Sheet B
				I-2	D-1	370.00	WSSC Std. Details
				I-5	A-1	369.65	WSSC Std. Details
				I-6	A-1	369.27	" " "

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, R/W & STRUCTURE NOTATNS CH'KD. — NOTE BOOK — NO. — BY — DATE

S.D. #D-21.59177Y
Nov. 17, 1959

WASHINGTON SUBURBAN SANITARY COMMISSION APPROVED FOR STREET GRADE ONLY — DESIGNING ENGINEER

* Driveway culvert @ Sta. 2+90 not included

Revision at inlet type at I-2 approved 11/16/60 JMM

TEMPORARY TIE TO MEET EXIST. ROAD

ULTIMATE CONSTRUCTION OLD GEORGETOWN RD

-0.83%

Location of 24" Water Main is not known beyond this point

EL 362.61 Top of Water Main by field measurement

24" W

500' V.C.

-4.77%

E. INT. GEORGETOWN RD. ℄

372.84 372.86 372.69 372.46 372.39 371.96 371.55 371.43 370.71 370.30 369.82 369.48 369.89 368.42 367.15 365.88 364.42 363.89 363.38 362.99 361.56 359.39 357.25 354.92 352.63

0 1 2 3 4 5 6 7 8 9 10

MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS — FINAL APPROVAL GRADES ONLY DATE December 14, 1959 BY

ENTRANCE 1 Sta 6+80

LEGEND

℄
R ℄
L ℄
R.B.R.L.
L.B.R.L.

TENTATIVE APPROVAL BY — DATE
* Grade Only — Asst. — 6-1-59
Grade Only — CHD. — 6-8-59
Engr. — 11-16-59
Director — 12-29-59
Grade Only — Deputy Director

* Subject to SRC approval

TP 225
Fr 287

CHECKED BY
FOR CODE REC.
FOR STORM DR.
FOR S/W
FOR UTILITIES
FOR CONTRACT

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PAVING PLAN & PROFILE
WEST CEDAR LANE

PREPARED BY: MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING, MD.
PROJECT No. 59-1127 SHEET 1 OF 3

RECOMMENDED FOR APPROVAL: APPROVED

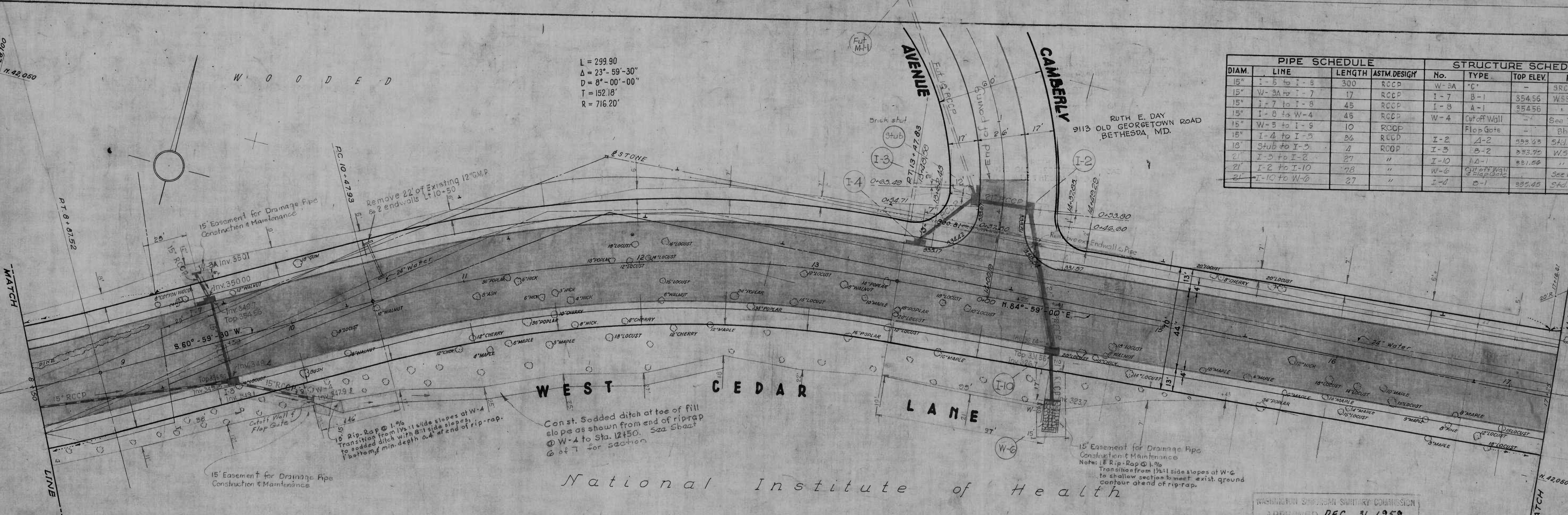
CHIEF, BUREAU OF ENGINEERING DIRECTOR, DEPARTMENT OF PUBLIC WORKS

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

CE487-414-1

SD FILE NO. 419

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

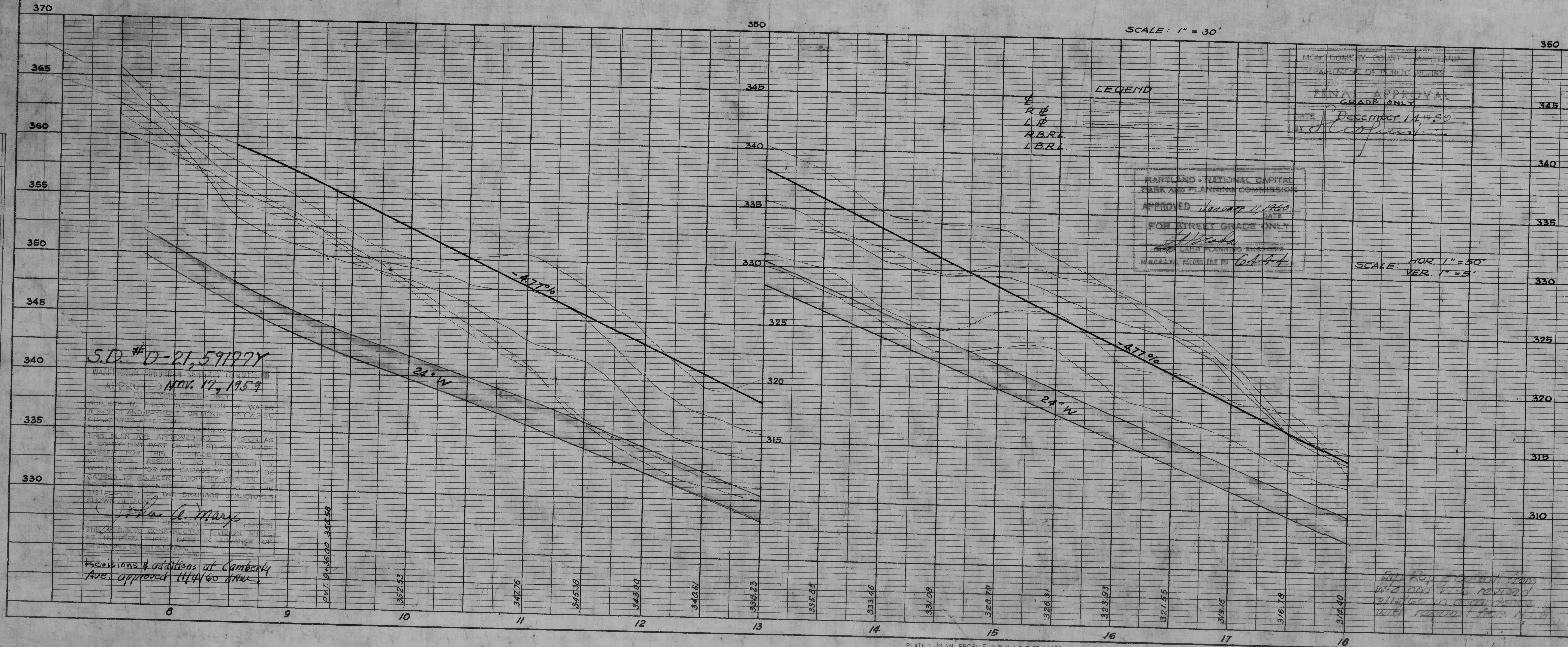


PIPE SCHEDULE			
DIAM.	LINE	LENGTH	ASTM. DESIGN
15"	I-6 to I-8	300	RCCP
15"	W-3A to I-7	17	RCCP
15"	I-7 to I-8	45	RCCP
15"	I-8 to W-4	46	RCCP
15"	W-5 to I-9	10	RCCP
15"	I-4 to I-3	36	RCCP
18"	Stub to I-3	4	RCCP
21"	I-3 to I-2	27	"
21"	I-2 to I-10	78	"
21"	I-10 to W-6	27	"

STRUCTURE SCHEDULE			
No.	TYPE	TOP ELEV.	REMARKS
W-3A	"C"	-	SRC Standard
I-7	B-1	354.56	WSSC "
I-8	A-1	354.56	" "
W-4	Cut off Wall	-	See Detail
	Flap Gate	-	Sheet 8
I-2	A-2	333.63	Std. W.S.S.C. Detail
I-3	B-2	333.70	W.S.S.C. "
I-10	A-1	331.56	" "
W-6	Cut off Wall & Flap Gate		See Detail Sh. 8
I-4	B-1	335.45	Std. W.S.S.C. Detail

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED DEC. 31, 1959
FOR STREET GRADE ONLY
E. J. Ng
DESIGNING ENGINEER

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



S.D. #D-21, 59177Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED NOV. 17, 1959
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.
John A. Mary
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Revisions & additions at Camberly Ave. approved 11/4/60 JAM.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
GRADE ONLY
DATE December 14, 1959
BY

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED January 11, 1960
FOR STREET GRADE ONLY
LAND PLANNING ENGINEER
M.N.C.P.&P.C. RECORD FILE NO. 6A-44

TENTATIVE APPROVAL	BY	DATE
MONTGOMERY COUNTY MARYLAND Grade Only		6-4-59
MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION Grade Only		6-8-59
WASHINGTON SUBURBAN SANITARY COMMISSION	E.J.N.	11-16-59
MARYLAND STATE ROADS COMMISSION		

Rip Rap & cutoff wall at W-4 and W-6 revised 3/17/60 in accordance with request from N.I.H.

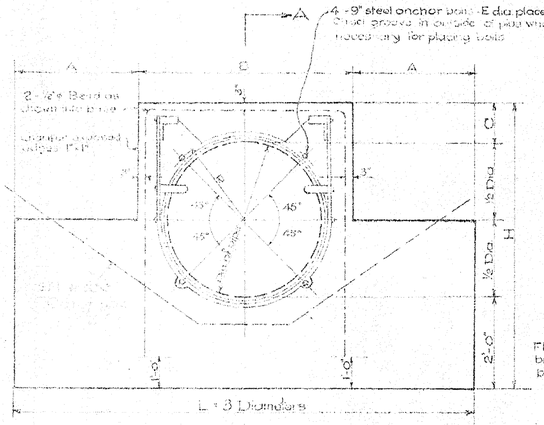
TP 225
FP 307

CHECKED BY:	MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
FOR CODE	PAVING PLAN & PROFILE WEST CEDAR LANE
FOR STORM DR.	
FOR R/W	PREPARED BY: MADDOX & HODKINS CIVIL ENGINEERS SILVER SPRING, MD.
FOR UTILITIES	
FOR CONTRACT	PROJECT NO 59-1127 SHEET 2 OF 8 RECOMMENDED FOR APPROVAL: APPROVED:
	CHIEF, BUREAU OF ENGINEERING DIRECTOR, DEPARTMENT OF PUBLIC WORKS

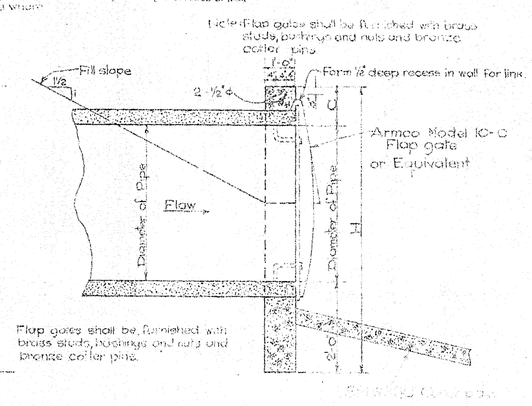
PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co. No. 346-1C "IMPERIAL" TRACING CLOTH 20245

CE487-414-2

SD FILE NO. 419



ELEVATION



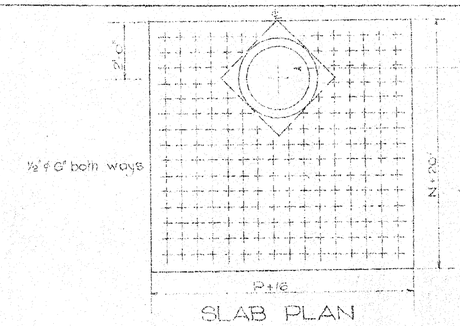
All concrete to be:
W.S.S.C. Class B
Prince George Co. Class III b
Montgomery Co Class B

SECTION A-A

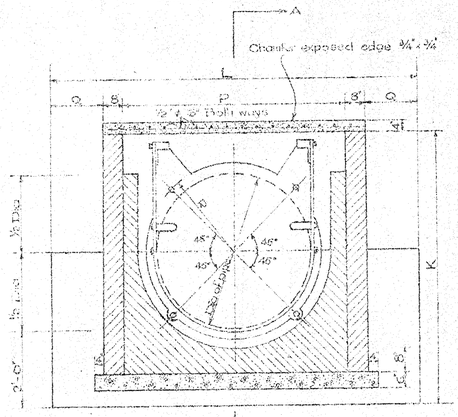
SPECIAL CUT OFF WALLS WITH FLAP GATE AT OUTLET

NO SCALE

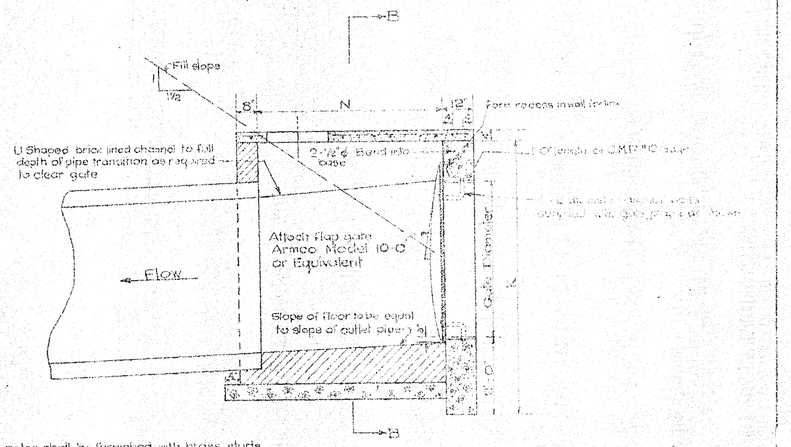
GATE DIAM	A	B	C	H	L	R	E	CU YD CONCR
W-3, W-4, W-6, W-9	15"	7½"	2'-6"	1'-0"	4'-3"	3'-9"	8⅞"	½"	0.47
W-8, W-17	18"	9"	3'-0"	1'-0"	4'-6"	4'-6"	10½"	⅝"	0.60
	21"	10½"	3'-6"	1'-0"	4'-9"	5'-3"	12⅛"	⅝"	0.66
	24"	1'-0"	4'-0"	1'-0"	5'-0"	6'-0"	13¾"	⅝"	0.85
Use 30" Flap Gate →	27"	1'-1½"	4'-3"	1'-0"	5'-3"	6'-6"	17"	¾"	1.1
	30"	1'-6"	4'-6"	1'-0"	5'-6"	7'-6"	17"	¾"	1.1
Use 36" Flap Gate →	33"	1'-6"	4'-9"	1'-0"	5'-9"	7'-9"	20⅞"	¾"	1.4
	36"	2'-0"	5'-0"	1'-0"	6'-0"	9'-0"	20⅞"	¾"	1.4
	42"	2'-6"	5'-6"	1'-0"	6'-6"	10'-6"	23½"	¾"	1.7
	48"	3'-0"	6'-0"	1'-3"	7'-3"	12'-0"	27"	¾"	2.0
	54"	3'-6"	6'-6"	1'-3"	7'-9"	13'-6"	31⅛"	1"	2.4
	60"	4'-0"	7'-0"	1'-3"	8'-3"	15'-0"	34"	1"	2.7
	66"	4'-6"	8'-0"	1'-3"	8'-9"	16'-6"	37½"	1"	3.0
	72"	5'-0"	8'-6"	1'-3"	9'-3"	18'-0"	41"	1"	3.4
	78"	5'-6"	9'-0"	1'-3"	9'-9"	19'-6"	44⅜"	1"	3.7
	84"	6'-0"	9'-6"	1'-3"	10'-3"	21'-0"	47¾"	1"	4.0
	96"	6'-6"	10'-0"	1'-3"	11'-3"	24'-0"	51¼"	1¼"	5.6



SLAB PLAN



SECTION B-B



Flap gates shall be furnished with brass studs, bushings and nuts and bronze cotter pins

SECTION A-A

All concrete to be:
W.S.S.C. Class B
Prince George's County Class III b
Montgomery County Class B

SPECIAL CUT OFF WALL WITH FLAP GATE AT ENTRANCE

NO SCALE

GATE DIAM	E	L	K	N	P	Q	R	CU YD CONCR
15"	½"	5'-0"	4'-0"	2'-0"	2'-6"	0'-0"	8⅞"	0.94
18"	⅝"	4'-3"	4'-3"	2'-3"	3'-0"	0'-0"	10½"	1.10
21"	⅝"	5'-3"	4'-6"	2'-9"	3'-6"	0'-1"	2'⅛"	1.35
24"	⅝"	6'-3"	4'-9"	3'-0"	3'-6"	0'-1"	13¾"	1.53
27"	¾"	7'-0"	5'-6"	3'-6"	4'-0"	1'-1"	17"	1.95
30"	¾"	7'-6"	5'-3"	3'-6"	4'-0"	1'-1"	17"	1.90
33"	¾"	9'-0"	5'-9"	4'-0"	4'-0"	1'-1"	20⅞"	2.32
36"	¾"	9'-6"	5'-9"	4'-0"	4'-6"	1'-1"	20⅞"	2.36
42"	¾"	10'-6"	6'-0"	4'-8"	5'-0"	2'-1"	23½"	2.97
48"	¾"	12'-0"	7'-3"	5'-4"	5'-6"	2'-7"	27"	3.56
54"	1"	12'-6"	7'-10"	5'-9"	6'-0"	3'-1"	31⅛"	4.32
60"	1"	15'-0"	8'-4"	6'-4"	6'-6"	3'-6"	34"	4.92
66"	1"	15'-0"	9'-0"	7'-3"	7'-0"	3'-6"	37½"	
72"	1"	16'-0"	9'-8"	8'-0"	8'-0"	4'-6"	41"	
78"	1"	18'-6"	10'-1"	8'-8"	8'-6"	4'-9"	44⅜"	
84"	1"	21'-0"	11'-0"	9'-1"	9'-0"	5'-6"	47¾"	
96"	1¼"	24'-0"	12'-1"	10'-7"	10'-6"	6'-0"	51¼"	

S.D. FD-21.5 MM
MONTGOMERY COUNTY PLANNING COMMISSION
APPROVED NOV. 18, 1959
Secretary-Treasurer

File No.	STORM DRAIN PLAN
Sheet 8 of 8	CEDAR LANE
	MADDOX & HOPKINS, CIVIL ENGINEERS, SILVER SPRING, MD
	Scale:
	Date: 6-28-59
	Design:
	Drawn:

SD FILE NO. 419

CE487-414-3

Maryland State Archives

NOTES

1. New curb & gutter from Sta. 36 to tie in with existing curb & gutter will be gradually warped from 6" curb to 9" curb and gutter from normal 1½" fall to same slope as pavement.
2. Lt. & Rt. gutter line elevations are to be raised to elevs. as follows to provide transition to existing curb as shown:

STATION	LEFT		RIGHT		REMARKS
	Drop from B.C.	Elev. @ Face of Curb	Drop from P.G.	Elev. @ Face of Curb	
36+00	-0.42	245.54	-0.42	245.64	
+50	-0.26	243.91	-0.29	243.88	
+64	-0.19	243.48	-0.21	243.48	
37+00	–	242.44	–	242.59	AT PAVEMENT JOINT
+20	–	"	–	242.00	MATCH TIE TO EXIST. C&G
+60	Tie to exist. C&G		–	–	

▨ Exist. Conc. Pavement or Curb & Gutter to be removed

IRENE W. PARKER
c/o B. W. PARKER
JAMESTOWN, R.I.

WEST CEDAR LANE

WISCONSIN AVE.

MATCH LINE

N 42,350 W 25,600

N. 70° - 27' - 25" E. 136

Saw Joint 21' off new ℄

Existing Joints

End Conc. Pavement

Existing Joints

Traffic Treadle to remain in place

Saw Joint to allow Use of Std. Curb & Gutter

Cable Pole 1-24 & 25

5" UNDERGROUND ELECT. CONDUIT

15" SEWER

15" RCCP

MH-3

Inv. 234.7

Inv. 233.95

Inv. 233.84

Top. 242.30

Inv. 236.30

Inv. 232.0

8' x 9' BOX CULVERT

B.M. U.S.C.&G.S. MON. TOP HEADWALL AT ENTR. TO BOX CULVERT EL. 240.74

Bottom side ditch

TRAFFIC LIGHTS

18' W

20' W

12' W

18' S

R = 80'

L = 14

34.04'-22"

31.85

135'

13,122

42,933

N 42,500 W 25,600

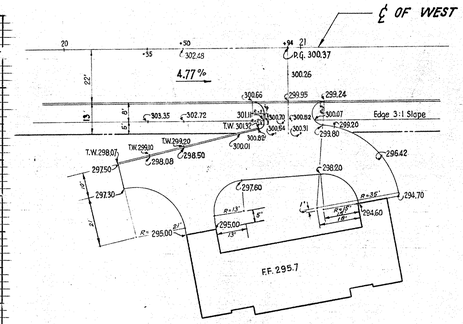
S.D. #D-21,591 77Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Nov. 17, 1959
Allen A. Mayo

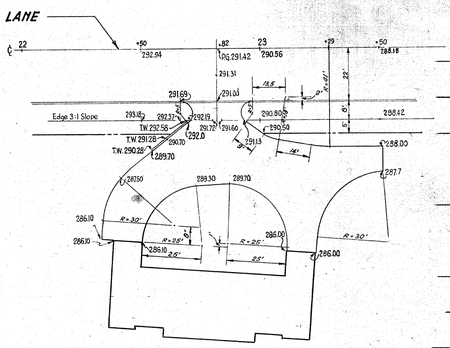
* Subject to approval by SHC.
Addition of M-3 approved 12/7/59 attached
STRUCTURE I-23 & WORK DOWNGRADE SUPERCEDED BY SD #D-25,600 32Y APPROVED 12/5/60

PIPE SCHEDULE				STRUCTURE SCHEDULE			
DIAM.	LINE	LENGTH	ASTM DESIGN	No	TYPE	TOP ELEV.	REMARKS
15"	I-23 to I-24	45'	RCCP	I-23	B-1	244.25	W.S.S.C. STD.
15"	I-24 to MH-3	103'	RCCP	I-24	A-1	244.25	" " "
				MH-3	48" A. Round	242.30	" " "

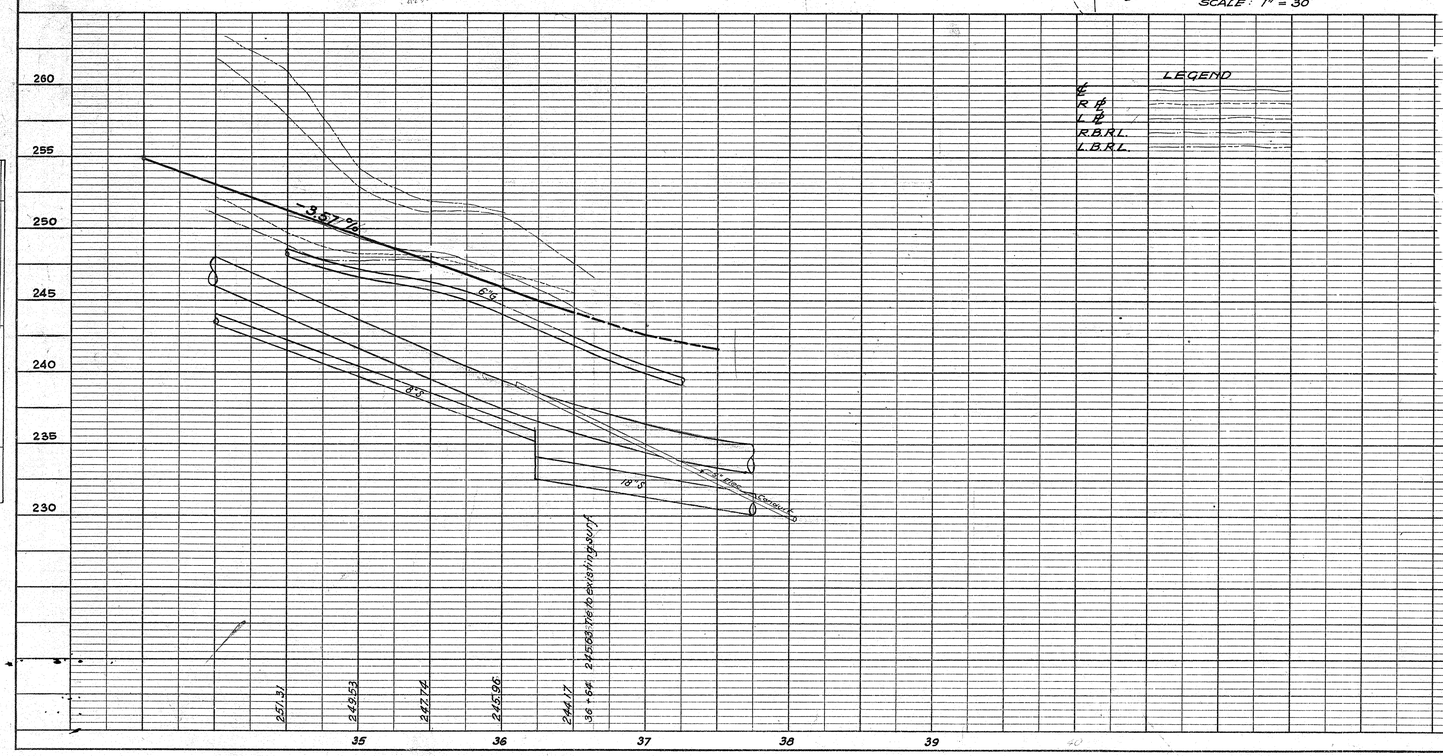
TENTATIVE APPROVAL	BY	DATE
MONTGOMERY COUNTY PLANNING BOARD	Grade Only	6-4-59
MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION	Grade Only	C-3-59
WASHINGTON SUBURBAN SANITARY COMMISSION	E. J. ch	11-16-59
MARYLAND STATE ROADS COMMISSION		

℄ OF WEST CEDAR LANE





ENTRANCE DETAILS AT N.I.H QUARTERS



SCALE: 1" = 30'

SCALE: HOR. 1"=50'
VER. 1"=5'

TP 225

CHECKED BY:

FOR CON

FOR STORM DR.

FOR R/W

FOR UTILITIES

FOR CONTRACT

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD

PAVING PLAN & PROFILE
~~WEST~~ CEDAR LANE

PREPARED BY: MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING, MD.

PROJECT No. 59-1127 SHEET 5 OF 7

RECOMMENDED FOR APPROVAL: APPROVED

CHIEF, BUREAU OF ENGINEERING DIRECTOR, DEPARTMENT OF PUBLIC WORKS

CE487-414-4

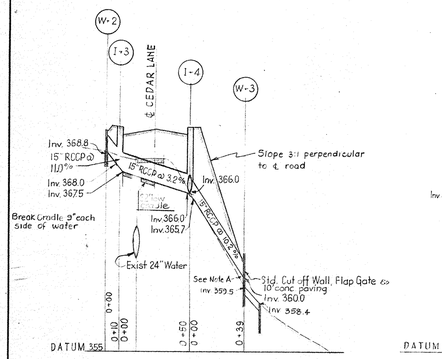
SD FILE NO. 419

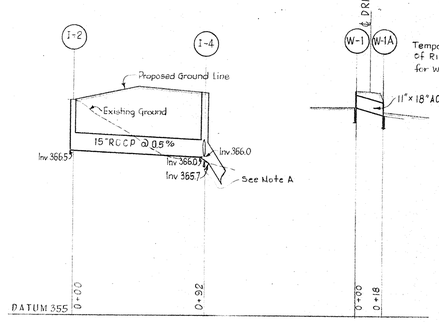
PLATE 1 — PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co. No. 346-IC
"IMPERIAL" TRACING CLOTH
16600

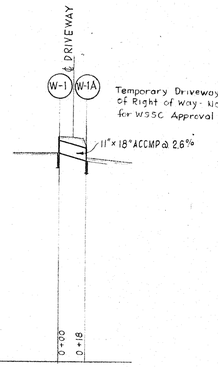
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M.'S NOTED, STRUCTURE NOTATIONS CHKD. — NOTE BOOK, NO. — BY, DATE

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

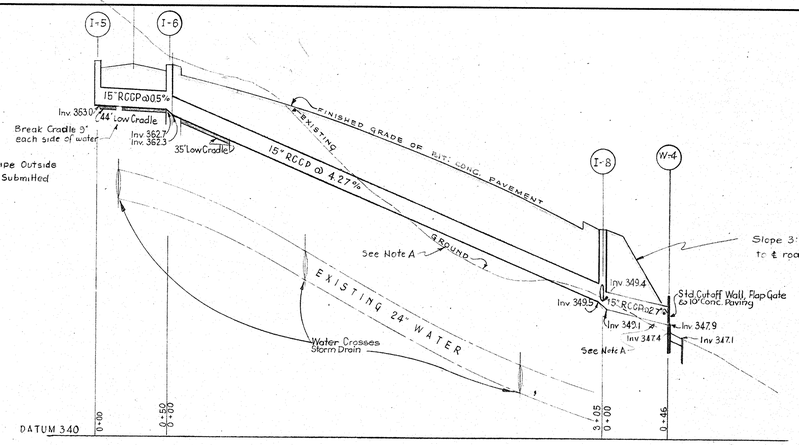
Maryland State Archives

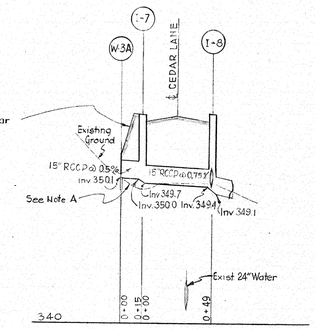


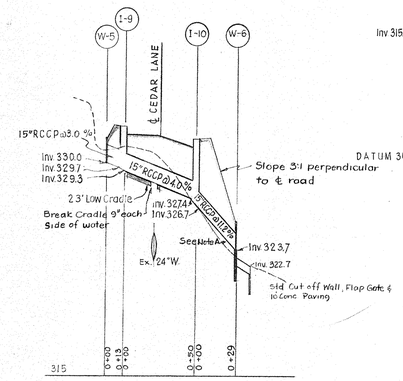


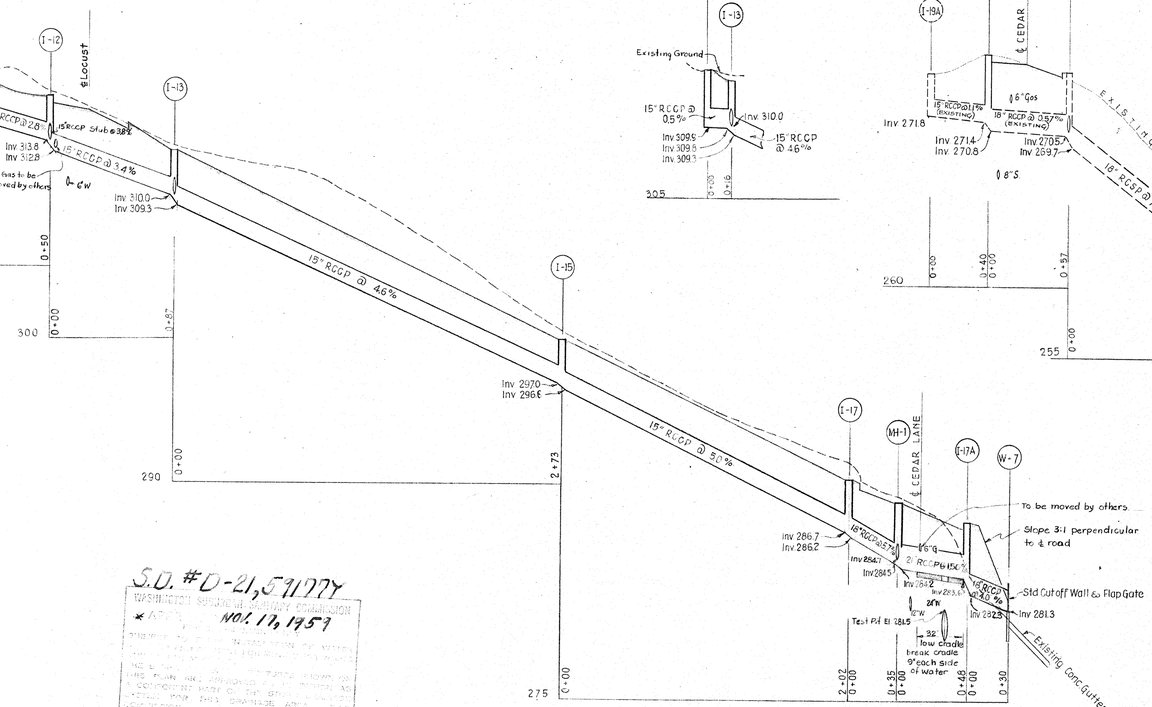


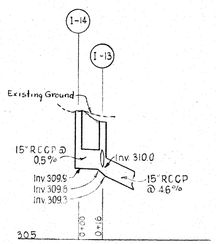
Temporary Driveway Pipe Outside of Right of Way - Not Submitted for WSSC Approval

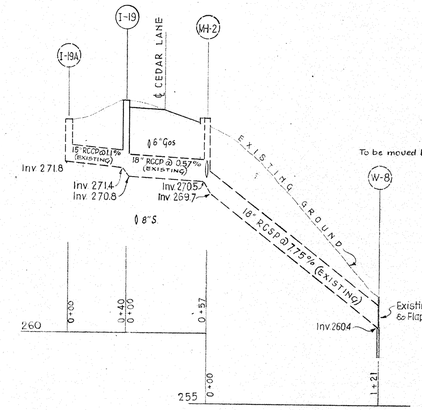


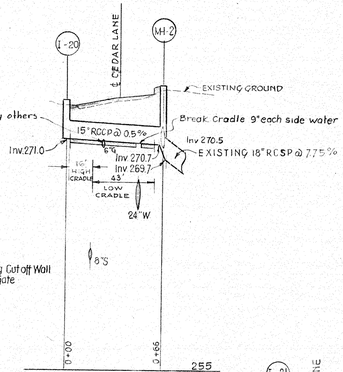


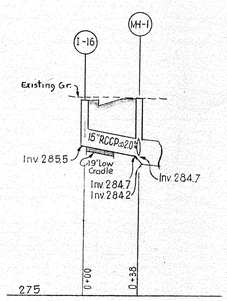


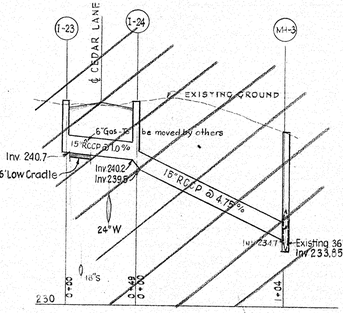


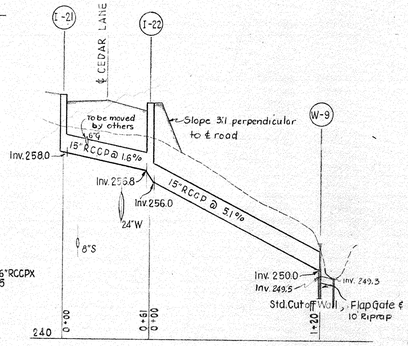












GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1964.
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the Washington Suburban Sanitary Commission's Standard Details.
3. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
4. 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.

NOTE A Where pipe is laid above existing ground, backfill under pipe with bank-run gravel to provide firm bearing.

S.D. #D-21,531 DTY
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED
NOV. 17, 1959
THIS PLAN HAS BEEN APPROVED BY THE COMMISSION AS TO GENERAL LOCATION OF WATER AND SEWER MAINS AND CONNECTIONS THERETO. THIS APPROVAL DOES NOT INCLUDE THE DRAINAGE AREA, COMPUTATIONS OR PAVING DETAILS. THE COMMISSION ASSUMES NO RESPONSIBILITY FOR ANY DAMAGE CAUSED TO ADJOINING PROPERTY BY THE CONSTRUCTION OF THE WATER AND SEWER FACILITIES SHOWN ON THIS PLAN.
CHAIRMAN OR VICE CHAIRMAN
* Driveway culvert W-1 to W-1A not included

SCALE
1" = 5' VERT.
1" = 50 HOR.

SUPERCEDED BY SD #D-25,609 32Y

CHECKED BY:	MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
FOR CODE REC. FOR STORM DR.	STORM DRAIN PLAN ~~WEST~~ CEDAR LANE
FOR W/W FOR UTILITIES	PREPARED BY: MADDOX & HOPKINS CIVIL ENGINEERS SILVER SPRING MD PROJECT No. 59-1127 SHEET 6 OF 7
FOR CONTRACT	RECOMMENDED FOR APPROVAL: APPROVED CHIEF, BUREAU OF ENGINEERING DIRECTOR, DEPARTMENT OF PUBLIC WORKS

CE 487-414-5

SD FILE NO. 419