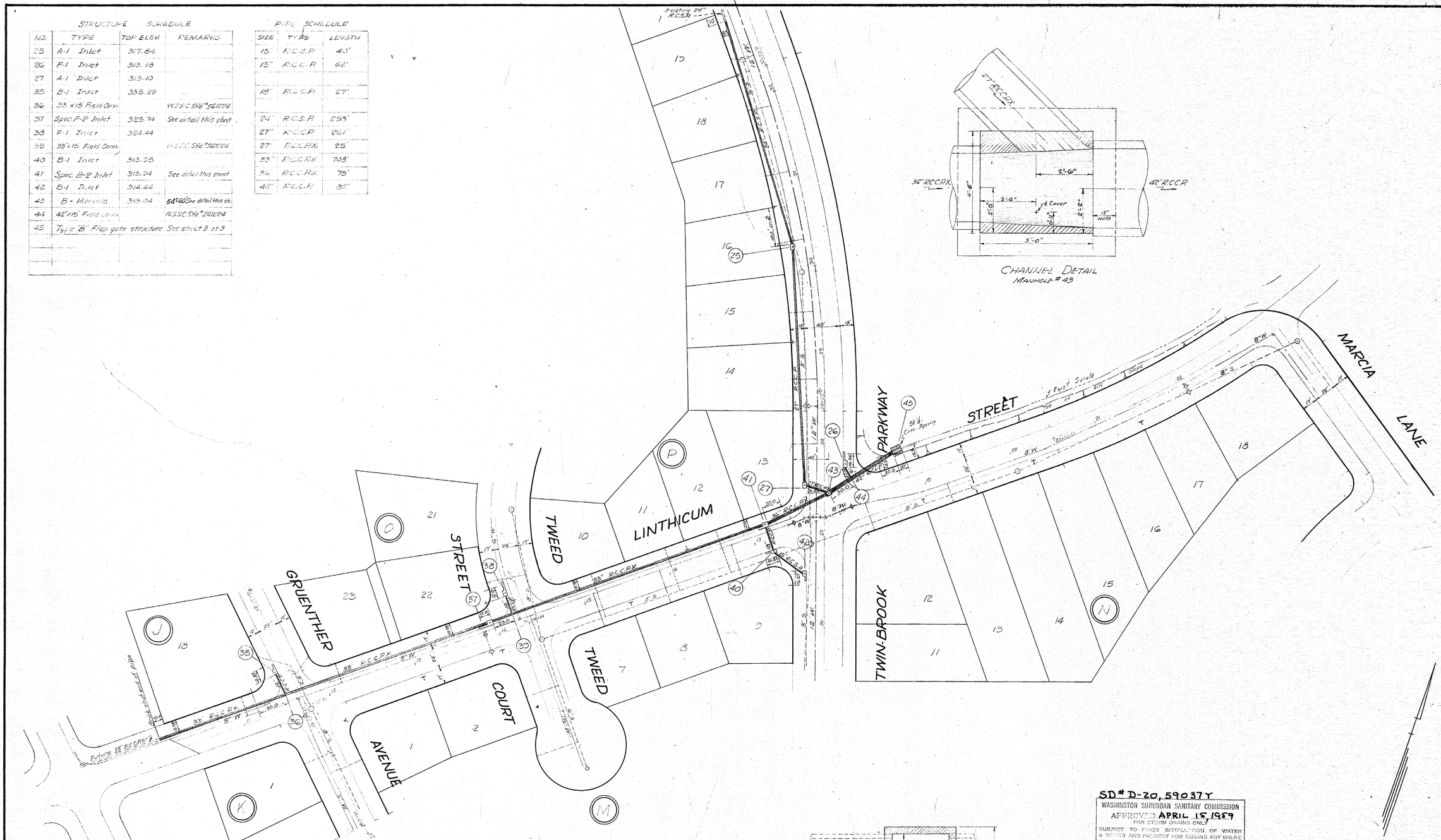
STRUCTURE SCHEDULE

NO.	TYPE	TOP ELEV.	REMARKS
25	A-1 Inlet	317.84	
26	F-1 Inlet	313.18	
27	A-1 Inlet	313.10	
35	B-1 Inlet	335.29	
36	33 x 15 Field Conn.		W.S.S.C. Std. #561224
37	Spec. F-2 Inlet	325.74	See detail this sheet
38	F-1 Inlet	324.44	
39	33"x15" Field Conn.		W.S.S.C. Std. #561224
40	B-1 Inlet	313.95	
41	Spec. B-2 Inlet	313.94	See detail this sheet
42	B-1 Inlet	314.44	
43	B - Manhole	313.04	54"x60" See detail this sh.
44	42"x15" Field Conn.		W.S.S.C. Std. #561224
45	Type "B" Flap gate structure		See sheet 3 of 3

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	R.C.S.P.	40'
15"	R.C.C.P.	62'
18"	R.C.C.P.	27'
24"	R.C.S.P.	258'
27"	R.C.C.P.	261'
27"	R.C.C.P.X.	25'
33"	R.C.C.P.X.	708'
36"	R.C.C.P.X.	75'
42"	R.C.C.P.	82'

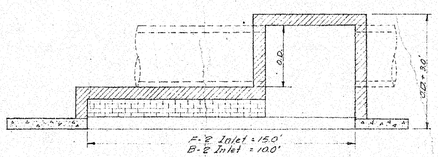


GENERAL NOTES

All storm drains shall be constructed in accordance with the General Specifications of the W.S.S.C. adopted Sept. 30, 1954.

Types of structures refer to W.S.S.C. Standard Storm Drainage Details unless otherwise noted.

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.



SPECIAL B-2 & F-2 INLETS Nos 37 & 41

Slab reinforcing and other construction details to be similar to W.S.S.C. standard inlets type B-2 & F-2.

SD # D-20, 59037Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED APRIL 15, 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

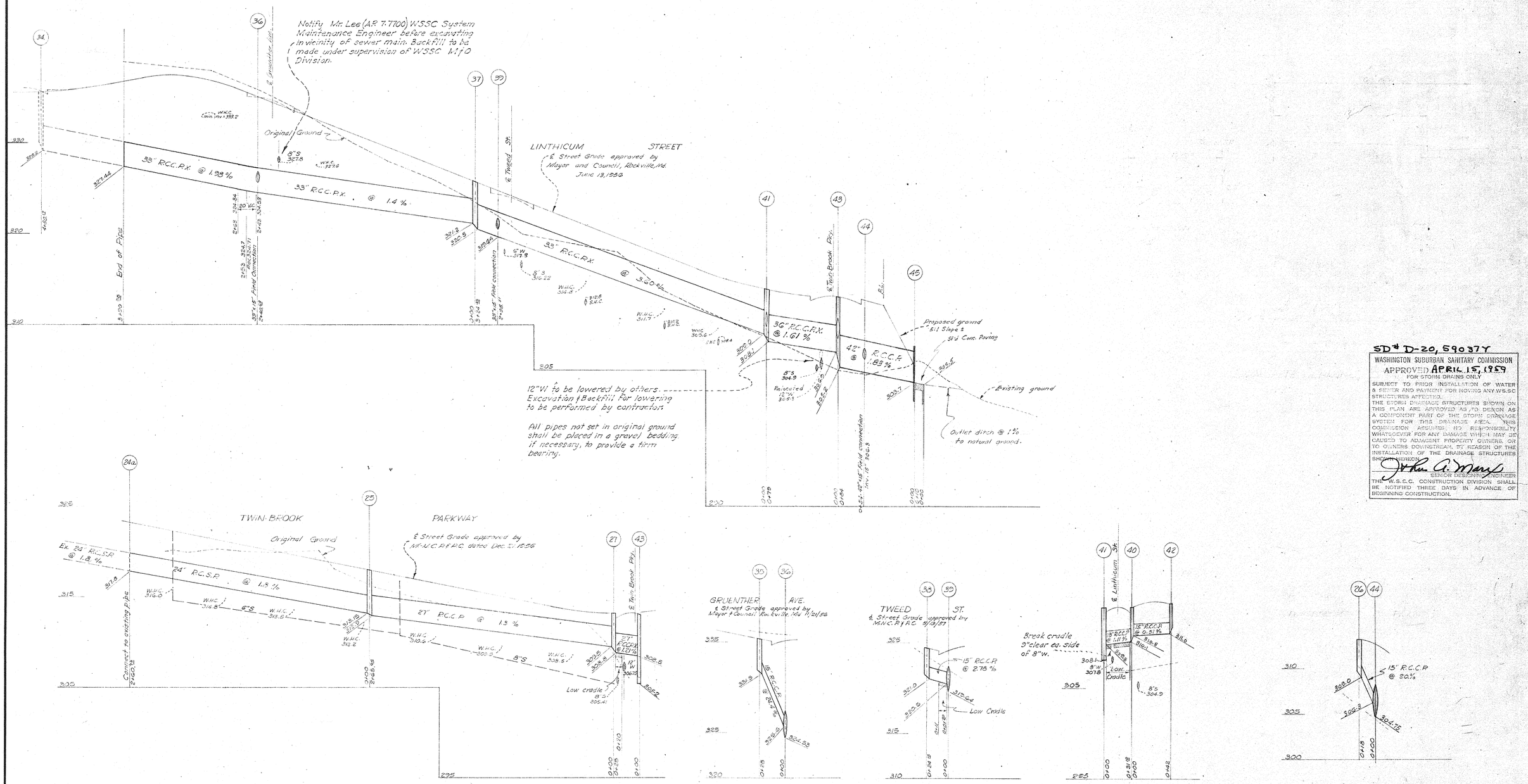
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

STORM DRAINAGE PLAN
GEERAERT'S ADDITION TO
TWIN-BROOK FOREST
MONTGOMERY COUNTY, MARYLAND

REVISED	McNEILL SURVEYS, INC. LAND SURVEYORS 6480 SLIGO MILL ROAD TAKOMA PARK 12, MD. PHONE JU. 9-7508	SHEET 1 OF 3 SCALE: 1"=50' DATE: Jan. 1959 DESIGNED K.A.S. TRACED C.G.
OWNER	TWIN-BROOK DEVELOPMENT CORP. 2301 McAULIFFE DRIVE ROCKVILLE, MARYLAND	FILE: 4-5-43

CE487-392-1

SD FILE NO. 396



PROFILES
Scale 1" = 50' Hor. & 1" = 5' Vert.

SD# D-20, 59037Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED APRIL 15, 1959
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
SENIOR DESIGNING ENGINEER

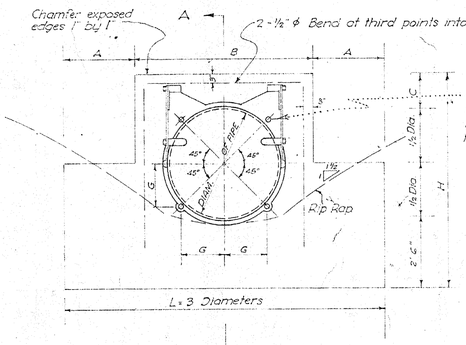
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

STORM DRAINAGE PLAN
GEERAERT'S ADDITION TO
TWIN-BROOK FOREST
MONTGOMERY COUNTY, MARYLAND

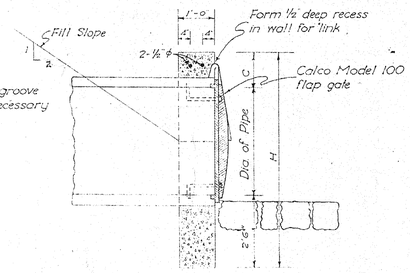
REVISED	McNEILL SURVEYS, INC. LAND SURVEYORS 6480 SLIGO MILL ROAD TAKOMA PARK 12, MD. PHONE JU. 9-7508	SHEET 2 OF 3
		SCALE: As Shown
		DATE:
		DESIGNED
		TRACED
OWNER	TWIN-BROOK DEVELOPMENT CORP. 2301 McAuliffe Drive Rockville, Md.	FILE: 7-5-43

CE487-392-2

SD FILE NO. 396



ELEVATION



SECTION A-A

TYPE 'B'

DIMENSION SCHEDULE - TYPE 'A' GATE

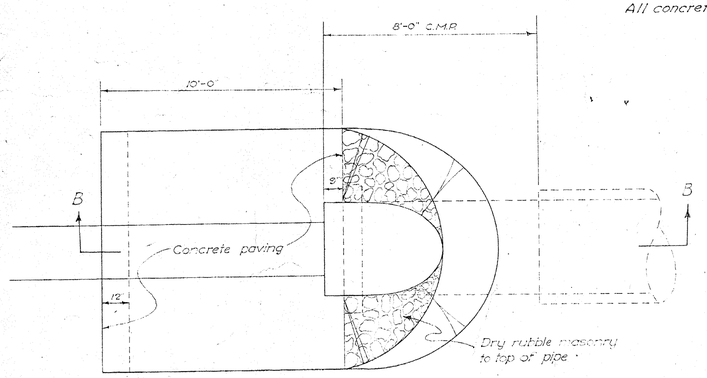
Diameter of Pipe	A	B	C
15"	1'-0"	2'-3"	2'-2"
18"	1'-0"	2'-6"	2'-3
21"	1'-0"	2'-9"	2'-4
24"	1'-6	3'-6	2'-6"
30"	1'-6"	4'-0"	2'-9"
36"	1'-6"	4'-6"	3'-0"
42"	2'-0"	5'-6"	3'-3"
48"	2'-0"	6'-0"	3'-6"
54"	2'-0"	7'-0"	3'-9
60"	2'-6"	7'-6	4'-0"
66"	2'-6"	8'-0"	4'-3"
72"	3'0"	9'-0"	4'-6"

DIMENSION SCHEDULE - TYPE 'B' GATE

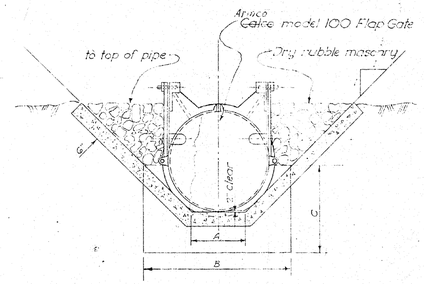
Diameter of Pipe	L	A	B	C	H	G	E
15"	3'-9"	7"	2'-7"	7"	4'-4	6¼	1/8
18"	4'-6"	10"	2'-10"	8"	4'-8"	7 1/16	3/8
21"	5'-3"	1'-0"	3'-3"	8"	4'-11"	8 1/16	3/8
24"	6'-0"	1'-3"	3'-6"	9"	5'-3	9¾	3/8
30"	7'-6"	1'-6"	4'-6"	10"	5'-10"	1'-0"	3/4
36"	9'-0"	2'-0"	5'-0"	11"	6'-5"	1'-2 7/16"	3/4
42"	10'-6"	2'-5"	5'-8"	1'-1"	7'-1"	1'-4 1/16"	3/4
48"	12'-0"	2'-11"	6'-2"	1'-2"	7'-8"	1'-7 1/16"	3/4
54"	13'-6"	3'-4"	6'-10"	1'-3"	8'-3"	1'-10"	1"
60"	15'-0"	3'-10"	7'-4"	1'-4"	8'-10"	2'-¼"	1"
66"	16'-6"	4'-3"	8'-0"	1'-6"	9'-6"	2'-2 1/16"	1"
72"	18'-0"	4'-0"	8'-6"	1'-7"	10'-1"	2'-5"	1"

Note: Flapgates shall be furnished with brass studs, bushings and nuts and bronze, cotter pins.

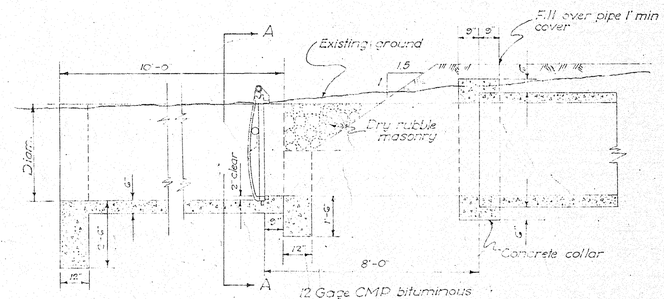
All concrete to be "Class-B"



PLAN



SECTION A-A



SECTION B-B

TYPE 'A'

APPROVED BY MAYOR AND COUNCIL
ROCKVILLE, MARYLAND
DATE: . . . . . .
ENGINEER

SD# D-20, 59037-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED APRIL 15, 1959
SENIOR ENGINEER

SPECIAL DETAILS - PROTECTIVE GATES
GEERAERTS ADDITION TO
TWIN BROOK FOREST
MONTGOMERY COUNTY, MD.

REVISED	McNEILL SURVEYS, INC.	SHEET 3 OF 3
6/26/56	LAND SURVEYORS	SCALE: Not to Scale
	6480 SLIGO MILL ROAD	DATE: Jan. 1956
	TAKOMA PARK 12, MD.	DESIGNED R.T.R.
	PHONE JU. 9-7508	TRACED G.S.H.
OWNER		FILE: 7-3-40

CE 487-392-3

SD FILE NO. 396

Maryland State Archives