Existing Stream

Ditch to Existing Stream. See Detail Sh. 3

Limit of Paving

LA CLEDE ST.

BUSHEY DRIVE

Subdivision Limit

Ex. ditch - to be backfilled by others before installation of Storm Drain.

24" CMP - temporary drain - to be removed by others

ISBELL STREET

DELANCY DRIVE

20' PATH

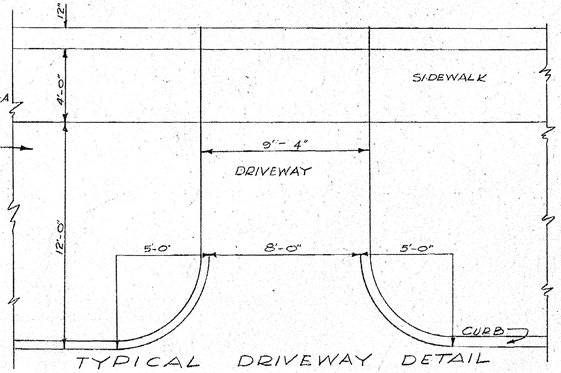
Existing 21" RCCP

Remove headwall & connect to Ex. 30" Pipe.

BARBARA ROAD

HAVARD STREET

NOTE: All driveways shall be constructed in accordance with Montgomery County Design Std. Nº 23-B & all sidewalks in accordance with Design Std. Nº 13-A

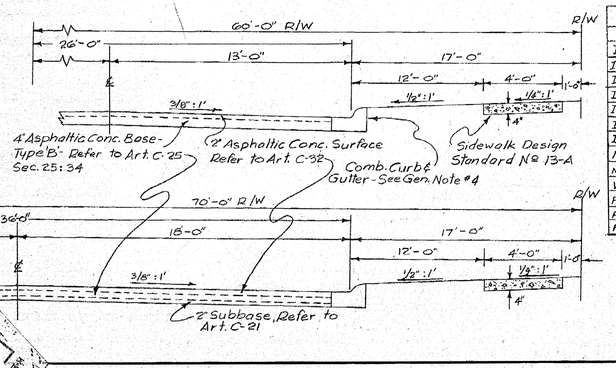


TYPICAL DRIVEWAY DETAIL

S.D. #0-21, 59/1984

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Nov. 17, 1959
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MONIES OWED W.S.S.C. STRUCTURES AFFECTED.
THE SIZE & DETAILS OF STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS A PORTION 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. Marr
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Relocation of W-63 approved 12/9/59 JAM



STRUCTURE SCHEDULE				
Nº	TYPE	TOP ELEV.	REMARKS
I-50	B-1 Inlet	324.8	WSSC Std. Detail
I-51	B-1 "	321.4	" " "
I-52	A-1 "	319.8	" " "
I-55	B-1 "	312.0	" " "
I-57	F-1 "	311.8	" " "
I-54	Mod. A-2 "	314.3	See Detail Sheet (3 of 3)
I-58	10' Rect. "	312.4	" " "
M-53	B-Manhole 48"	310.8	WSSC Std. Detail
M-59	" " "	314.5	" " "
W-63	Cut-off Wall - with flap gate - See detail sheet (3 of 3)		
FC-60	21"x42" Field Connection - WSSC Std. Detail		
FC-61	15"x42" " "	" " "	
FC-62	15"x42" " "	" " "	

PIPE SCHEDULE		
DIA.	TYPE	LENGTH
15"	RCCP	273
18"	RCCP	58'
21"	RCCP	92'
30"	RCCP	74'
33"	RCCP	201'
42"	RCCP	240'

Note: Contract 155-D does not include street paving.

GENERAL NOTES:

1. All storm drains shall be constructed in accordance with General Specifications of the W.S.S.C. adopted Sept. 30, 1954.
2. Types of structures refer to W.S.S.C. Standard Storm Drainage Details, unless otherwise specified.
3. All inlets to be 3' from P.C. of curb fillets, unless otherwise specified.
4. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the W.S.S.C. Standard Details.
5. 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.
6. D.T.P. #1 Nail & washer in W. side Pepco. #739755 E. side Bushey Dr. 150'S of intersection with Barbara Road. El: 322.90.
   #2 'X' cut in west side of rim of MH #2118 at intersection of Bushey Drive and Isbell Street. El. 316.15

WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT # 155-D
JOB #59 DE 3852

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED January 18, 1960
FOR STORM DRAINS ONLY
Roy J. McLeod
CHIEF ENGINEER

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
#: FINAL APPROVAL
STORM DRAIN ONLY
DATE: December 22, 1959
BY: Hopkinson

#: See Paving Plans for paving details

S.D. 117
P.P. 119

STORM DRAIN & PAVING PLAN
STONEYBROOK ESTATES
SECTIONS 6 & 7
MONTGOMERY COUNTY, MD.

Scale: 1"=50' January, 1958

KORNEGAY ASSOCIATES, INC.
ENGINEERS, LAND PLANNERS, SURVEYORS
909 PERSHING DRIVE
SILVER SPRING, MARYLAND

OWNER: COLONIAL INVESTMENT CO. 923 - 15th Street, N.W.

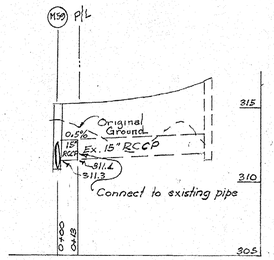
Job Nº 57:124

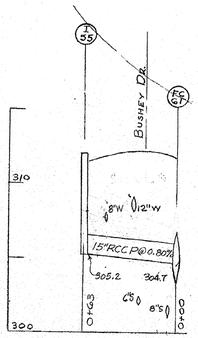
CE487-444-1

SD FILE NO. 449

59171S-Y

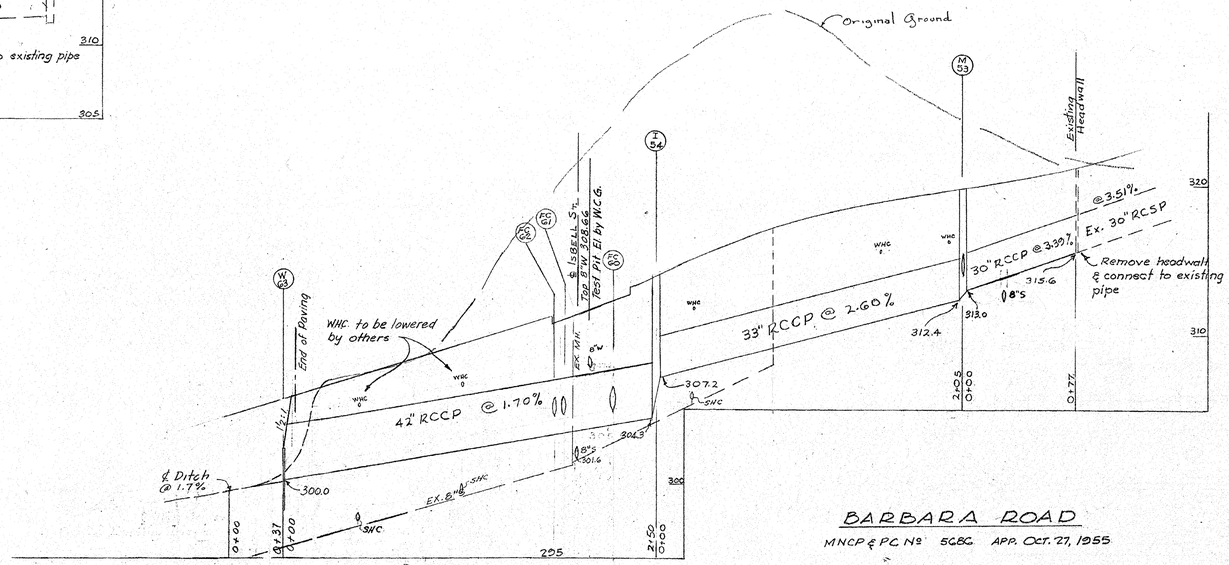
Maryland State Archives





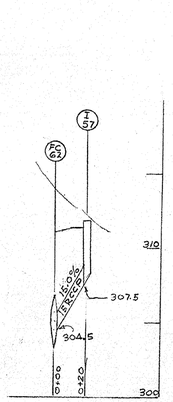
BUSHEY DRIVE

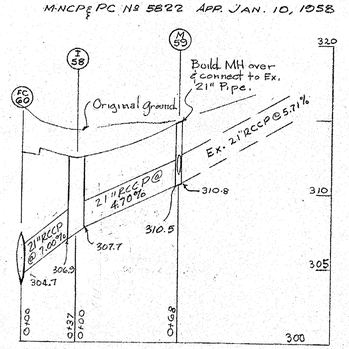
MNCP&PC Nº 4526 APP. 7-21-59



ISBELL STREET

MNCP&PC Nº 5822 APP. JAN. 10, 1958





S.D.# D 21, 59178 T

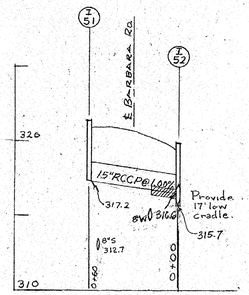
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED NOV. 14, 1957
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE 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 THEREON.
John A Villars
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

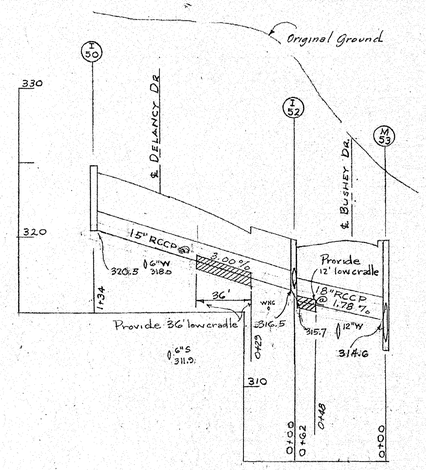
Relocation of W-63 approved 12/9/59 [illegible]

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
STORM DRAIN
DATE December 22, 1959
BY [signature]

BARBARA ROAD

MNCP&PC Nº 5686 APP. OCT. 27, 1955





WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT #155-D
JOB #59 DE 3852

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED January 18, 1960
FOR STORM DRAINS ONLY
Richard J McFord
CHIEF ENGINEER

S.D.117
P.B.119

STORM DRAIN & PAVING PLAN
STONEYBROOK ESTATES
SECTIONS 6 & 7
MONTGOMERY COUNTY, MD.

Scale: 1"=50' H 1"=5' V January 4, 1958

KORNEGAY ASSOCIATES, INC.
ENGINEERS, LAND PLANNERS, SURVEYORS
909 PERSHING DRIVE
SILVER SPRING, MARYLAND

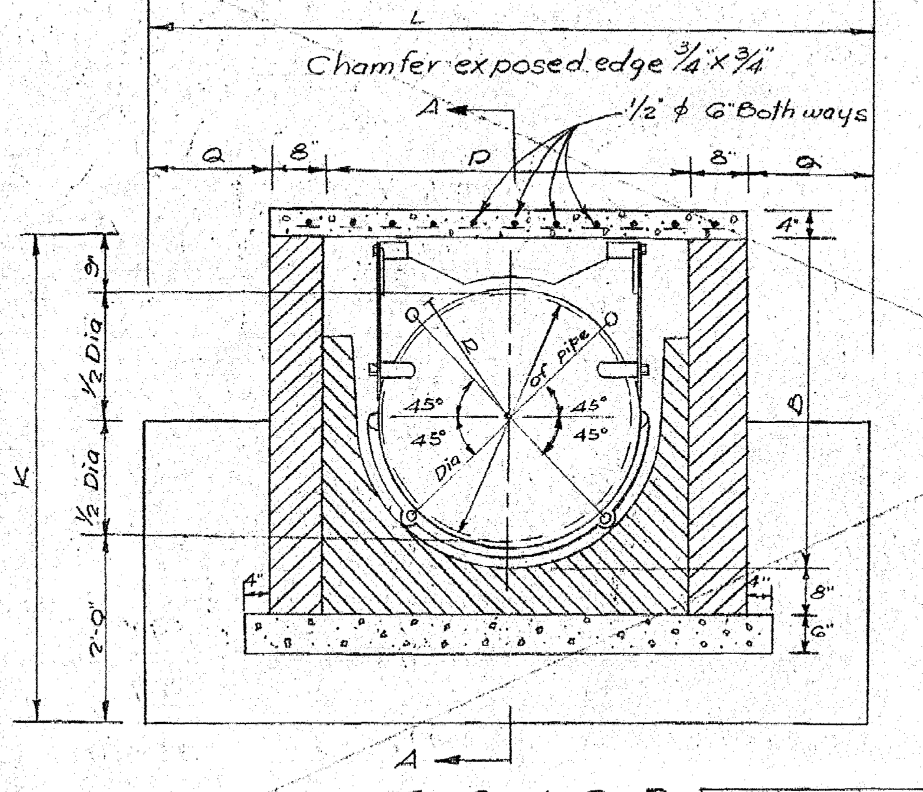
OWNER: COLONIAL INVESTMENT CO. 923 - 15th Street, N.W. Job Nº 57-124

SD FILE NO. 449 59176Y

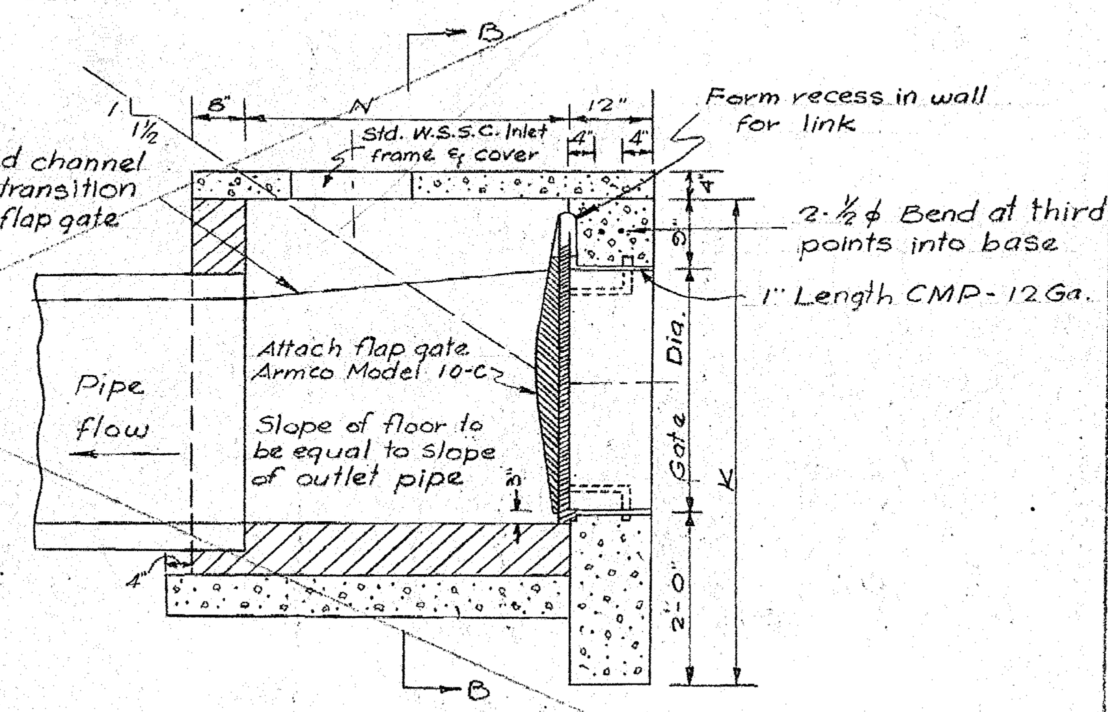
CE487-444-2

SPECIAL CUT OFF WALL WITH FLAP GATE AT ENTRANCE

No Scale



SECTION B-B



SECTION A-A

U shaped brick lined channel to full depth of pipe transition as required to clear flap gate

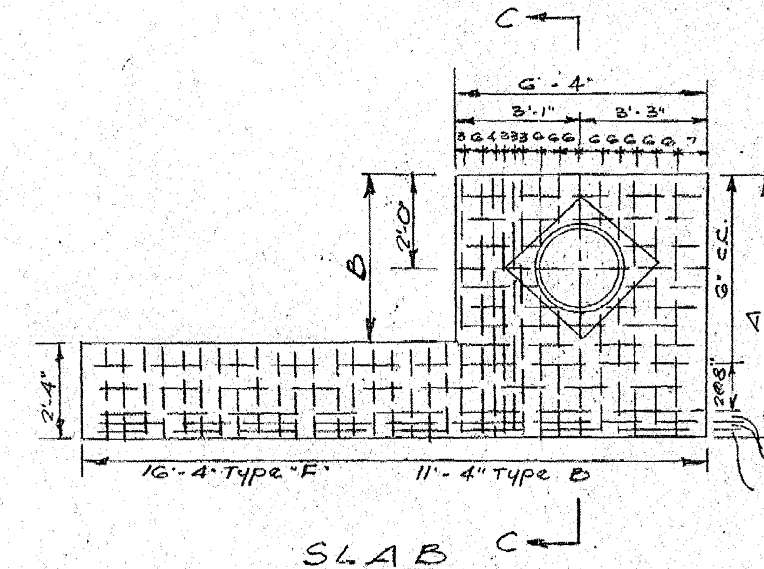
Parge exposed portion of brick walls.

Note: Armco Model 10-C flap gate, furnished with brass studs, bushings & nuts & bronze cotter pins.

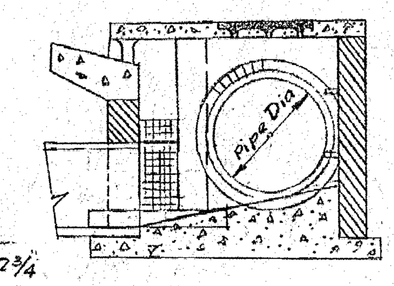
All concrete to be Class B.

Gate Dia.	E	L	K	N	P	Q	R	Cu. Yd. Conc.
21"	5/8"	7'-9"	4'-6"	2'-9"	3'-3"	19"	12 1/8"	1.54
24"	5/8"	8'-0"	4'-9"	3'-0"	3'-6"	19"	13 3/4"	1.75
30"	3/4"	8'-6"	5'-3"	3'-6"	4'-0"	19"	17"	2.06
36"	3/4"	9'-0"	5'-9"	4'-0"	4'-6"	19"	20 7/16"	2.39

I-54



SLAB



Note: For all other dimensions & details, see WSSC Stds.

SECTION C-C

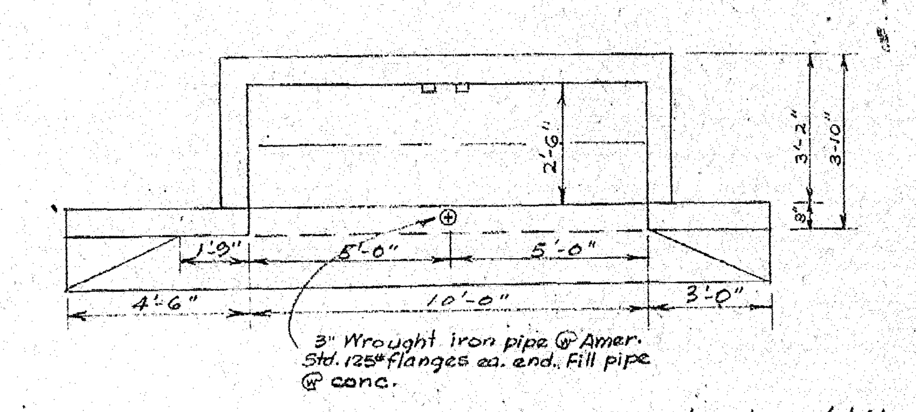
MODIFIED INLET DETAIL (for pipes 27" dia & larger)

No Scale

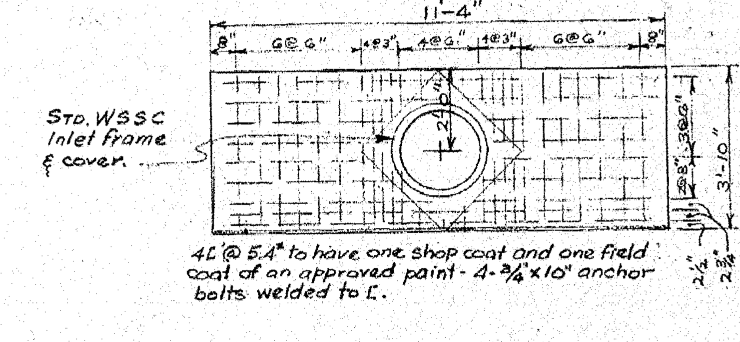
Pipe Dia.	A	B
27"	67"	39"
30"	74"	46"
33"	78"	50"

I-54 (beside the 33" row)

NOTE: All slab reinforcing 1/2" ϕ bars.



For construction details which are not shown, refer to WSSC Std. B-2 Inlet.

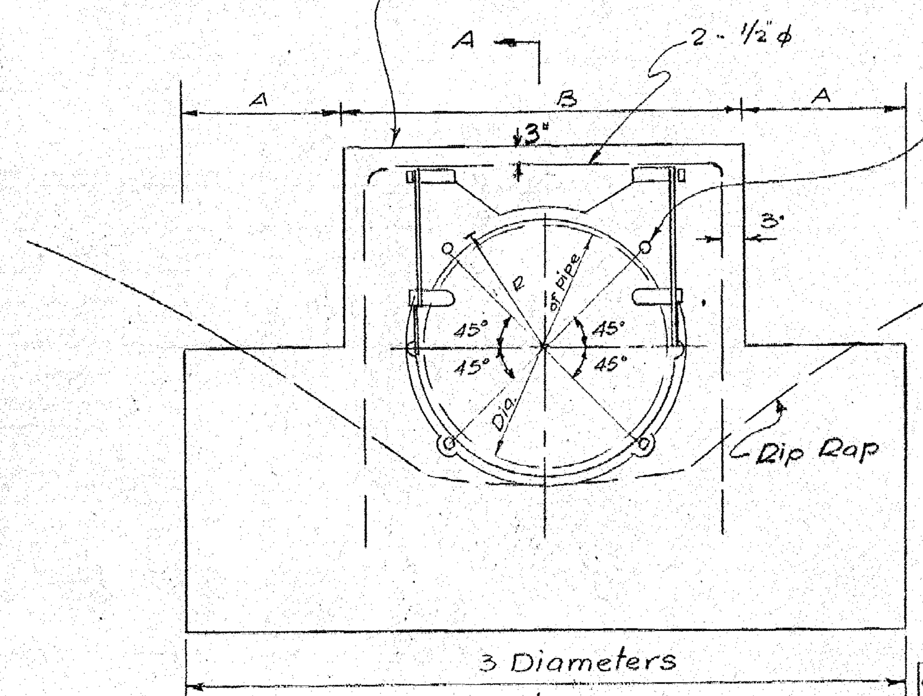


10' RECTANGULAR INLET I-58

No Scale

SPECIAL CUT OFF WALL WITH FLAP GATE AT OUTLET W-63

No Scale

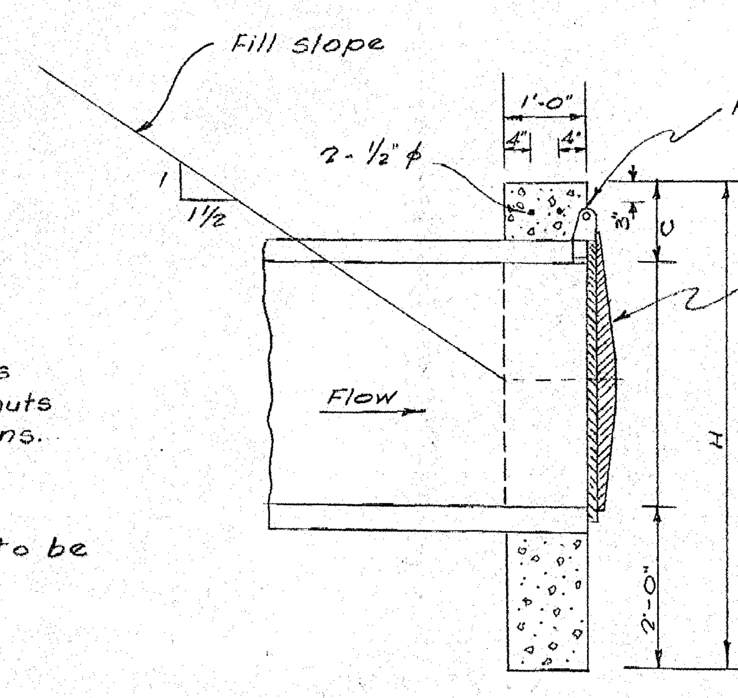


ELEVATION

-4 Anchor bolts supplied with gate. Chisel groove in outside of pipe where necessary for placing bolts.

Flap gate shall be furnished with brass studs, bushings & nuts & bronze cotter pins.

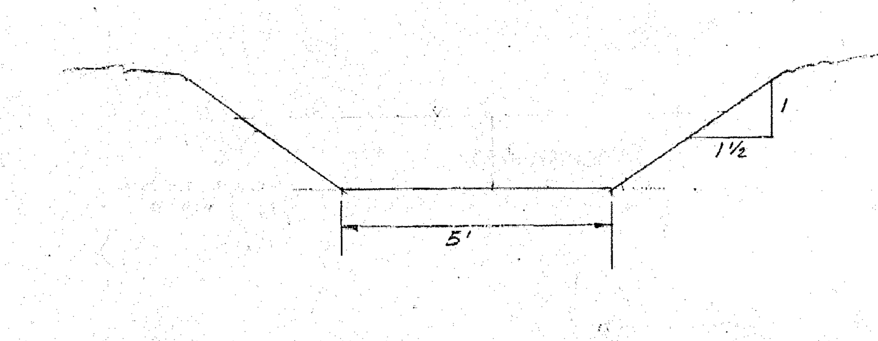
All concrete to be Class B.



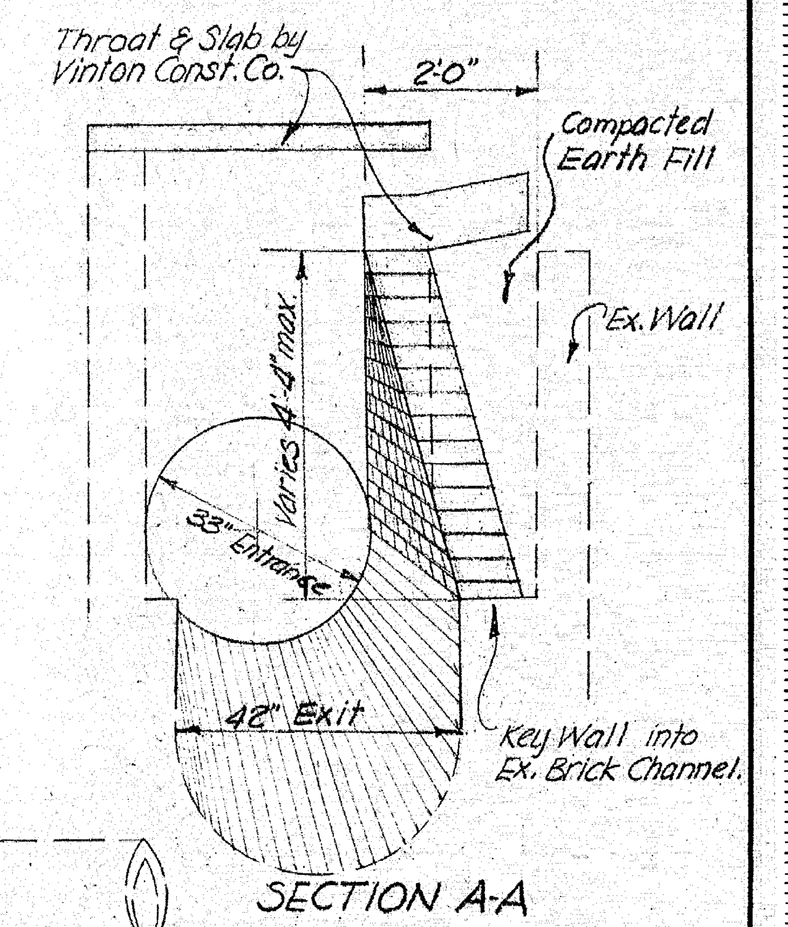
SECTION A-A

Gate Dia.	A	B	C	H	L	R		Cu. Yd. Conc.
15"	6"	2'-9"	1'-0"	4'-3"	3'-9"	8 7/8"		
18"	8"	3'-0"	1'-0"	4'-6"	4'-6"	10 1/2"		
21"	10 1/2"	3'-6"	1'-0"	4'-9"	5'-3"	12 1/8"		.80
24"	1'-0"	4'-0"	1'-0"	5'-0"	6'-0"	13 3/4"		1.00
30"	1'-5"	4'-6"	1'-0"	5'-6"	7'-6"	17"		1.25
36"	2'-0"	5'-0"	1'-0"	6'-0"	9'-0"	20 7/16"		1.63
42"	2'-6"	5'-6"	1'-0"	6'-6"	10'-6"	23 1/2"		

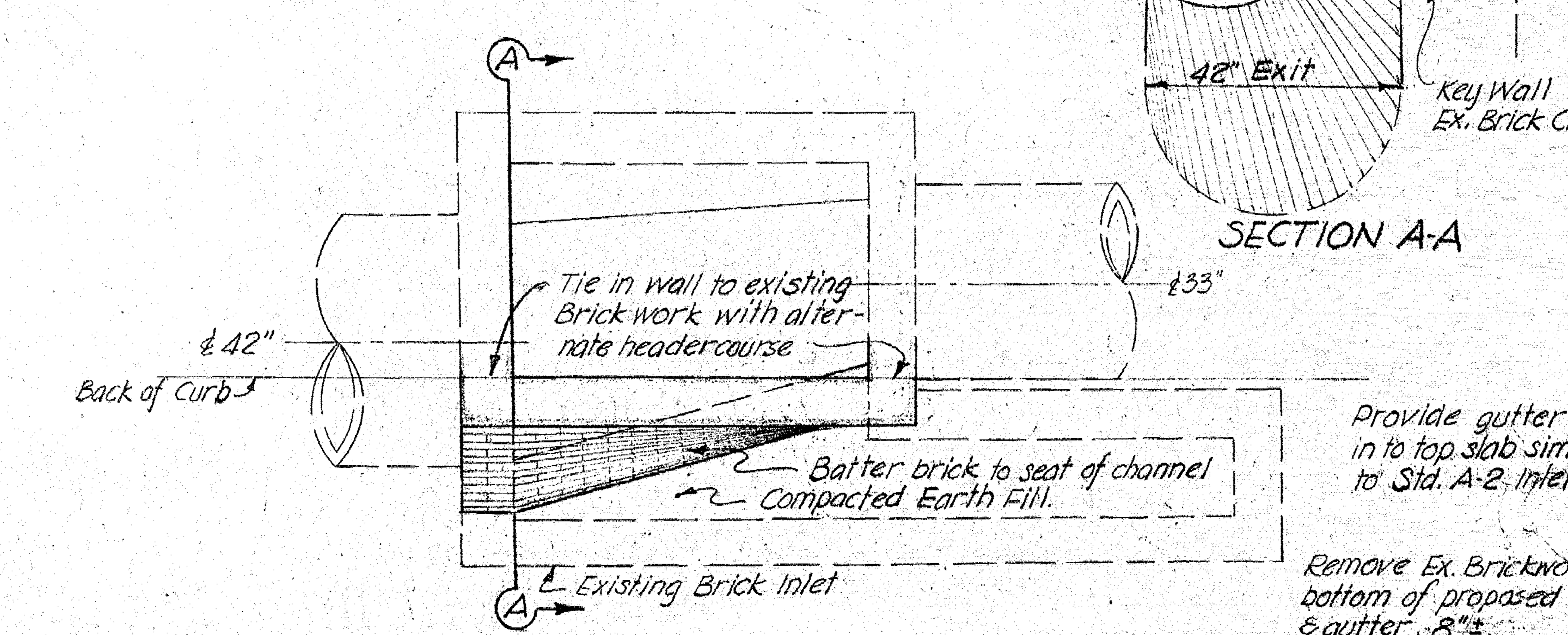
W-63 (beside the 42" row)



TYPICAL DITCH
Downstream from W-63
Scale 1" = 3'



SECTION A-A



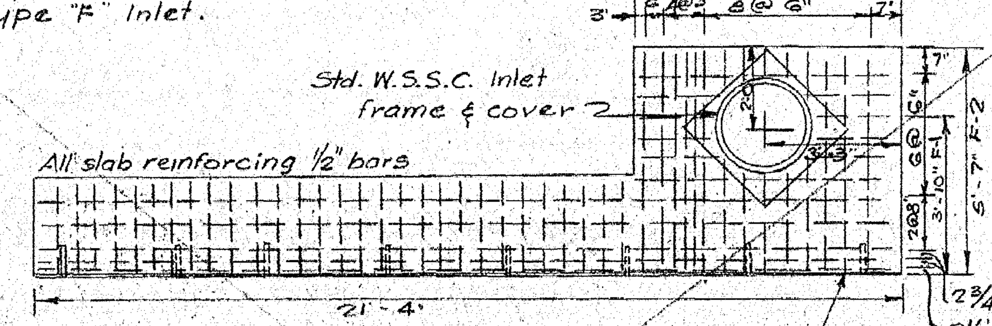
Provide gutter set in to top slab similar to Std. A-2 Inlet.

Remove Ex. Brickwork to bottom of proposed curb & gutter, 8"±.

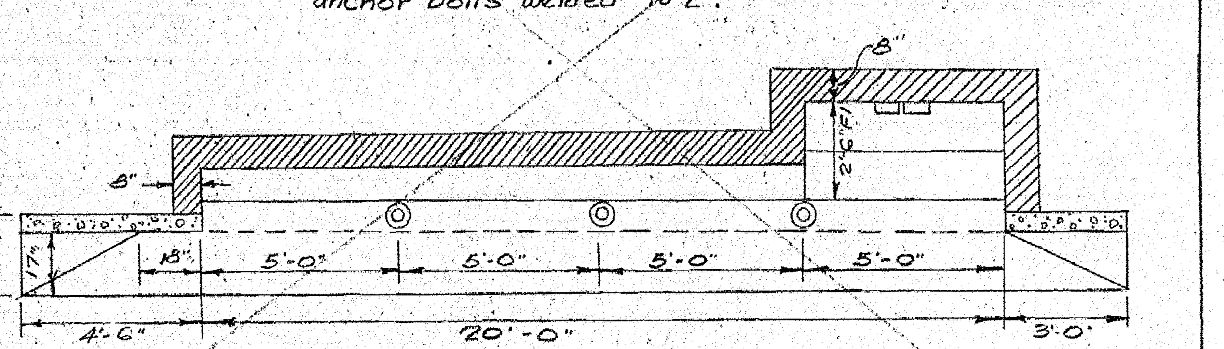
MODIFICATION OF EXISTING INLET I-54

Scale 1" = 2'

Note: For all other dimensions & details, see WSSC Stds. for type "F" Inlet.



4" [@ 5.4# to have one shop coat & one field coat of an approved paint. 8-3/4"x 10" anchor bolts welded to [.



TYPE "F" MODIFIED INLET (20')

No Scale

I-20 & I-37

S.D. #21,59178K
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Nov. 17, 1959
FOR STORM DRAINS ONLY
[signature]
SENIOR DESIGNING ENGINEER

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
STORM DRAIN
DATE December 22, 1959
BY [signature]

WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT #155-D
JOB #59 DE 3852

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED January 18, 1960
FOR STORM DRAINS ONLY
[signature]
CHIEF ENGINEER

S.D. 117
P.P. 119

STORM DRAIN & PAVING PLAN
STONEYBROOK ESTATES
SECTIONS 6 & 7
MONTGOMERY COUNTY, MD.

Scale: As Noted — January, 1958

KORNEGAY ASSOCIATES, INC.
ENGINEERS, LAND PLANNERS, SURVEYORS
909 PERSHING DRIVE
SILVER SPRING, MARYLAND

OWNER: COLONIAL INVESTMENT Co. 923-15th Street, N.W. — JOB No 57-124

CE487-444-3

SD FILE NO. 449

591717-Y

K+E ALBANENE 195L TRACING PAPER 10260

Maryland State Archives