SD#D-17, 57126 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED October 8, 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 NO 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 OVERSEER SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE June 23 1955
BY DeWane N. Bell
Subj. to dedication of Street at Inlet #213

Temporary outlets approved 7/13/55

G.D. # D-13, 55068-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED May 31-55
FOR STORM DRAINS ONLY
SUBJECT TO PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
James A. Stapp
SENIOR DESIGNING ENGINEER

I hereby certify that this drainage study and plan is correct and fully meets the Montgomery County Department of Public Works Road Code requirements.

A. James O'Mara
A. James O'Mara

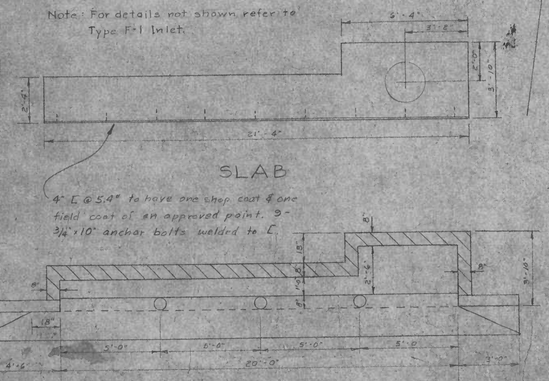
GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the Washington Suburban Sanitary Commission's Standard Detail.
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.

PIPE SCHEDULE			TO BE BUILT
SIZE	TYPE	LENGTH	CONT. RCP 5701
15"	RCCP	287'	37'
15"	RCCP	132'	38
18"	RCCP	430'	–
24"	RCCPX	165'	210
27"	RCCP	370'	320
27"	RCCPX	120	120
18"	RCCP	71'	–

STRUCTURE SCHEDULE			
NO.	TYPE	ELEV.	REMARKS
3	WSSC		Cutoff Wall with 20' Rip Rap - See Detail Sheet #3
4	F-1 Inlet	2463	See Detail Sheet 2
5	A-2 Inlet	2603	
6	A-2 Inlet	2687	
7	A-2 Inlet	2760	
8	F-1 Inlet	2731	
9	F-2 Inlet	2739	
10	F-2 Inlet	2860	
11	Special Inlet	2842	See Detail This Sheet
12	B-1 Inlet	2842	
13	F-1 Inlet	2863	
15	B-1 Inlet	2779	
16	F-1 Inlet	2779	
17	A-1 Inlet	2788	
18	F-MH	2765	With Granite Bottom - 48" Square
19	A-1 Inlet	2842	
20	A-1 Inlet	2842	

Note: For details not shown refer to Type F-1 Inlet.



OWNED - DEVLIN LUMBER & SUPPLY CORP.
4865 BETHESDA AVENUE
BETHESDA, MARYLAND

STORM DRAINAGE
ROCK CREEK PALISADES

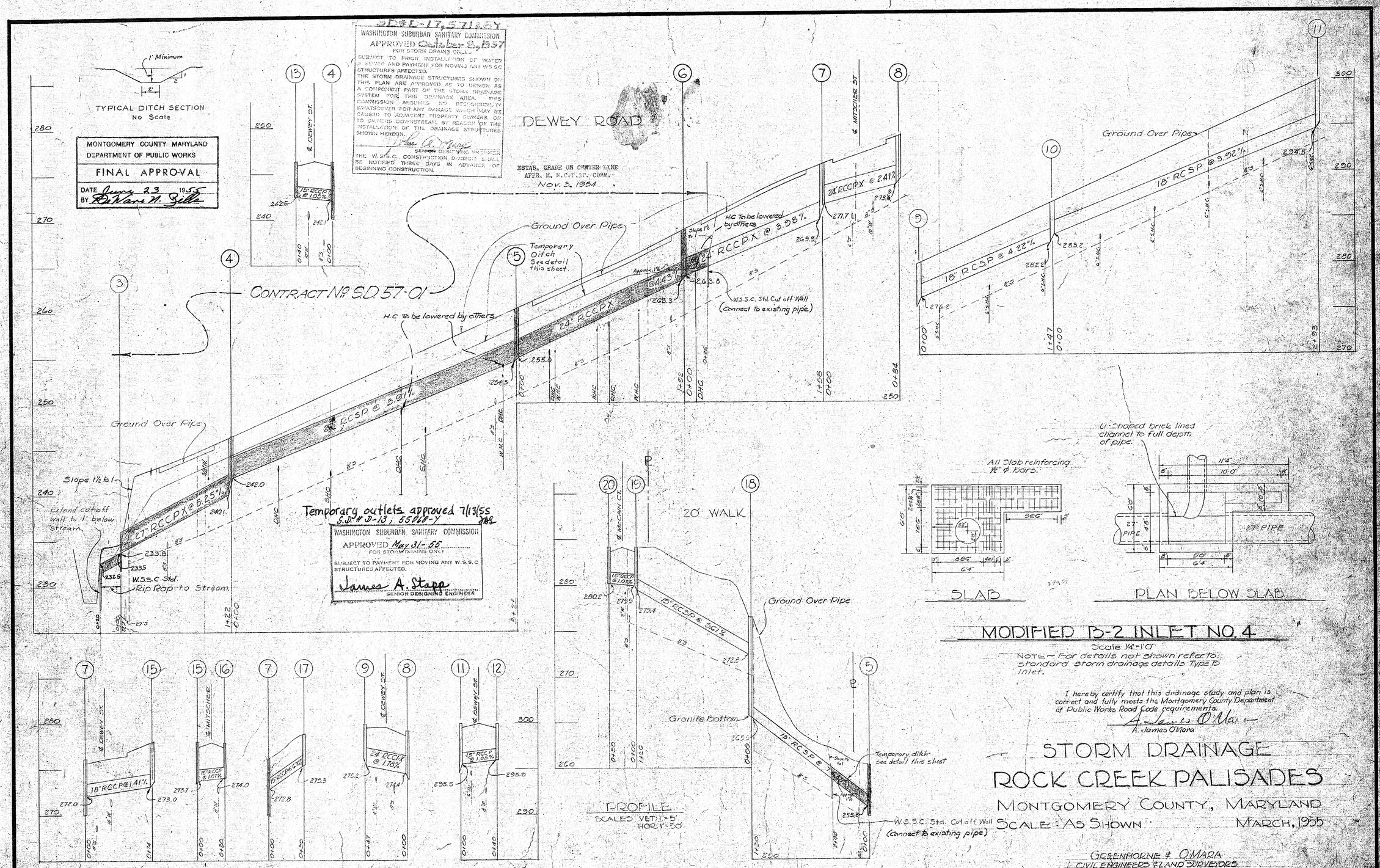
MONTGOMERY COUNTY, MARYLAND
SCALE: AS SHOWN — MARCH, 1955

GREENHORNE & O'MARA
CIVIL ENGINEERS & LAND SURVEYORS
4834 BALTIMORE AVENUE
HYATTSVILLE, MD.

Sheet 1 of 3

SD FILE NO. 315

CE487-311-1



MODIFIED B-2 INLET NO. 4

Scale ¼"=1'0"

NOTE — For details not shown refer to standard storm drainage details Type B Inlet.

I hereby certify that this drainage study and plan is correct and fully meets the Montgomery County Department of Public Works Road Code requirements.

A. James O'Mara

STORM DRAINAGE
ROCK CREEK PALISADES

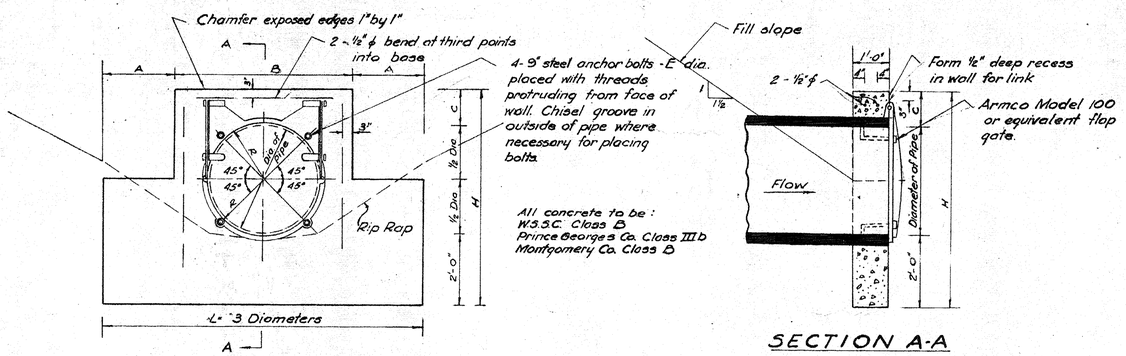
MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN — MARCH, 1955

GREENHORNE & O'MARA
CIVIL ENGINEERS & LAND SURVEYORS
4634 BALTIMORE AVENUE
HYATTSVILLE, MD.

SD FILE NO. 315

CE487-311-2



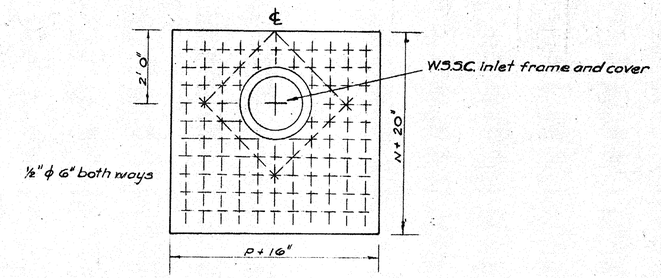
ELEVATION

SECTION A-A

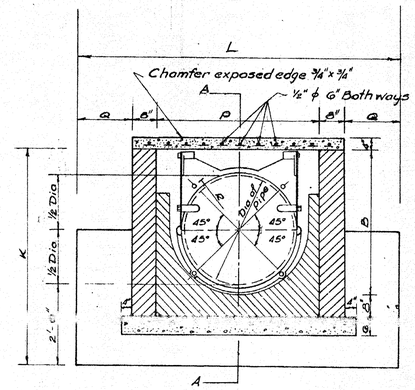
SPECIAL CUT OFF WALLS WITH FLAP GATE AT OUTLET

NO SCALE

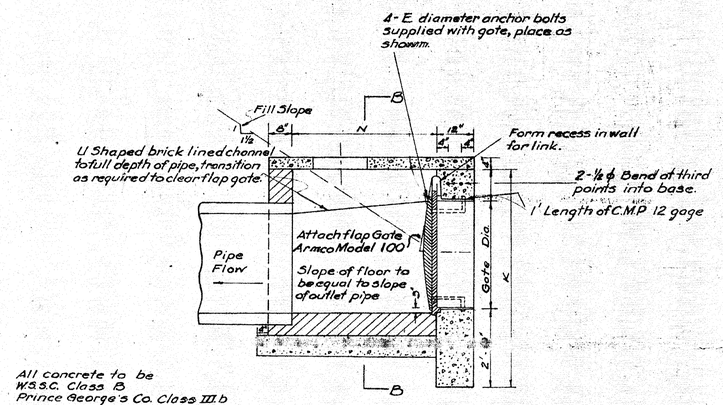
GATE DIAM	A	B	C	H	L	R	E	CU. YD CONC
60"	4'0"	7'0"	1'3"	8'3"	15'0"	34¼"	1"	2.7
54"	3'6"	6'6"	1'3"	7'9"	13'6"	31⅛"	1"	2.4
48"	3'0"	6'0"	1'3"	7'3"	12'0"	27"	¾"	2.0
42"	2'6"	5'6"	1'0"	6'6"	10'6"	23½"	¾"	1.7
36"	2'0"	5'0"	1'0"	6'0"	9'0"	20 9/16"	¾"	1.4
30	1'5"	4'6"	1'0"	5'6"	7'6"	17"	¾"	1.1
24	1'0"	4'0"	1'0"	5'0"	6'0"	13¾"	⅝"	.85
21	10½"	3'6"	1'0"	4'9"	5'3"	12⅛"	⅝"	.66
18"	9"	3'0"	1'0"	4'6"	4'6"	10½"	⅝"	.60
15"	7½"	2'6"	1'0"	4'3"	3'9"	8⅞"	½"	.47



SLAB PLAN



SECTION B-B



SECTION A-A

SPECIAL CUT OFF WALL WITH FLAP GATE AT ENTRANCE

NO SCALE

GATE DIAM.	E	L	K	N	P	Q	R	CU. YD CONC
60"	1"	15'0"	8'4"	6'6"	6'8"	42"	34¼"	4.92
54"	1"	13'6"	7'10"	5'9"	6'0"	37"	31⅛"	4.22
48"	¾"	12'0"	7'2"	5'4"	5'6"	31"	27"	3.56
42"	¾"	10'6"	6'6"	4'8"	5'0"	25"	23½"	2.97
36"	¾"	9'0"	5'9"	4'0"	4'6"	19"	20 7/16"	2.39
30"	¾"	7'6"	5'3"	3'6"	4'0"	13"	17"	1.95
24"	⅝"	6'0"	4'9"	3'0"	3'6"	7"	13¾"	1.55
21"	⅝"	5'3"	4'6"	2'9"	3'3"	4"	12⅛"	1.35
18"	⅝"	4'4"	4'3"	2'3"	3'0"	0"	10½"	1.10
15"	½"	3'10"	4'0"	2'0"	2'6"	0"	8⅞"	.94

NOTE

Parge exposed portion of brick walls.
Flap gates shall be furnished with brass studs, bushings and nuts and bronze cotter pins.

SD #D-17,571 (26)

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED October 8, 1957
FOR STORM DRAINS ONLY!
[signature]
SENIOR DESIGNING ENGINEER

STORM DRAINAGE
ROCK CREEK PALISADES
DEWEY ROAD & PATH
MONTGOMERY COUNTY, MARYLAND

DESIGNED BY | SCALE ..... DATE .....
DRAWN BY | GREENHORNE & OMARA
CIVIL ENGINEERS & LAND SURVEYORS
4634 BALTIMORE AVENUE HYATTSVILLE MARYLAND
APPROVED BY | OWNER | JOB NO. .....
Sheet 3 of 3 | FILE NO. SD 84

CE487-311-3

SD FILE NO. 315