REVISIONS APPROVED: 12/6, 1953
DATE
Harry B. Shaw
CHIEF ENGINEER

Revised alignment from Lot 17, Block A, to Manhole 1274

W. OXFORD · QUINCY STREET · BRADLEY LANE · RAYMOND ST. · MATCH LINE AA SEE SHEET 2

Rebuild existing inlet See detail, sheet 3

Omit curb transition on N.W. corner of inlet 1221

LOT 99 E. DANGOISSE

Pole to be moved by others

H. WAY

S. SMITH

J. FRIEDMAN

JAMES

R. SALIN

M. LANIGAN

E. RACKSTRAW

R. ROCCA

I. ALPHER

R. CHASE

Build concrete curb across ex. Flume opening

Fill stream to top of banks from Raymond St. to stream junction 20 feet NE. of Chase garage.

Grade stream fill to provide positive drainage to inlets 1216 & 1218.

Replace paving adjacent to inlet 1224 to direct water into inlet, see detail sheet 3.

Remove existing inlet & build F-1

Abandon ex. 24" RCP

Brick shut ex. 15" in back of inlet

Brick shut ex. 24"

Provide opening in the east end of inlet 1216, see detail sheet 3.

Curve data
R = 171'
T = 79.5'
I = 49°52'
Chd. = 144.2
Arc. = 148.8

Curve data
R = 166'
T = 48
I = 32°16'
Chd = 92.2
Arc = 93.5

Curve data
R = 166'
T = 28'
I = 19°08'
Chd = 55.2
Arc = 55.4

Curve data
R = 166'
T = 28'
I = 19°08'
Chd = 55.2
Arc = 55.4

Number	Type	Top Elev.	Remarks
1223	Special	323.7	Ex. inlet - rebuild to 15" throat, see detail sh. 3
1222	F-1	323.8	W.S.S.C. Standard
1221	F-1	322.1	W.S.S.C. Standard
1220	"B" M.H.	315.0	W.S.S.C. Standard 48"□ with Type E inlet grate
1219	E	309.6	W.S.S.C. Standard
1216	F-2	298.2	W.S.S.C. Standard
1215	F-1	298.7	W.S.S.C. Standard
1214	B M.H.	293.8	W.S.S.C. Standard 60"□
1218	E	303.8	W.S.S.C. Standard
1224	F-2	325.0	W.S.S.C. Standard - see paving detail, sheet 3 of 3.
1274	B M.H.	297.9	W.S.S.C. Standard 60"□

INLETS @ QUINCY ST.

INLET LOT 70

INLET LOT 150

Ex. INLET BRADLEY LANE

E Quincy St.

E paving

E Bradley Lane

E Raymond St.

21" RCCP stub up @ 4.2 % brick shut

24" RCSP @ 2.74 %

21" RCCP Ex. @ 2.20 %

30" RCSP @ 3.71 %

33" RCCP @ 2.26 %

33" RCCP @ 3.05 %

36" RCCP @ 2.03 %

42" RCCP @ 1.60 %

15" RCSP @ 2.5 %

15" RCSP @ 1 %

15" RCSP

15" RCCP @ 1.20 %

Fill over pipe - 1' min. cover

4"G - to be moved by others

12"G. - 307.57 top

3-D4 15" T. Br. 304.40

22' of low cradle curb to curb

6"G. to be moved by others

Top 8"W 316.3

G"S 314.7

8"S 301.29?

15" T. Br. 306.20

4" M-D Conn.

15" Field Conn.

6"G. 297.7

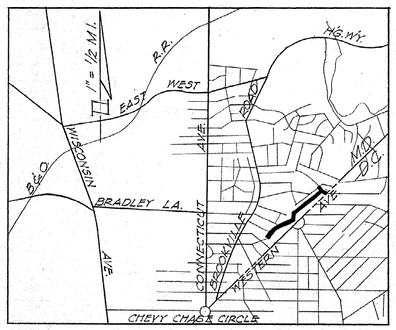
G"S 293.1

G"W 293.7

Fill over pipe - 1' min. cover

limits of stream fill

SUPERVISION
FOR MAIN LINES ONLY
BY
DEPT. OF STATE FORESTS & PARKS - BALTO., MD.



REVISIONS APPROVED: Oct. 22, 1953
DATE
Harry B. Shaw
CHIEF ENGINEER

Change of alignment from Raymond St. to Brennon Lane.

DTP 18249 EL. 324.68
R.R. spike N. side Oak on NE side Quincy 75' SE. of Oxford.

DTP 18250 EL. 314.78
R.R. spike NW. side 24" white oak 35'S of small str. 150' SW. Bradley

DTP 18251 EL. 313.27
R.R. spike in S root 20" silver maple SW. side Bradley at end.

DTP 18252 EL. 303.97
R.R. spike in W root 29" pop. 30' E small str. 200' SW. Raymond.

DTP 18253 EL. 300.12
R.R. spike in E side 24" sycmore NE side Raymond Street.

DTP 18254 EL. 293.25
R.R. spike in SE side 48" oak 100' SW of int of Comalier and Brennon

DRAWN				208NW3
TRACED JMcV	WASHINGTON SUBURBAN SANITARY DISTRICT	APPROVED Sept. 11, 1952 DATE Harry B. Shaw CHIEF ENGINEER	WASHINGTON SUBURBAN SANITARY COMMISSION CHAIRMAN	CONTRACT 62-DX — PLAN AND PROFILE — CHEVY CHASE DISTRICT STORM DRAIN QUINCY, OXFORD AND RAYMOND ST'S. BRADLEY LA.-MARTINS ADD TO CHEVY CHASE
CHECKED JAS				DRAWING NO. 1 OF 3
EXAMINED JAS				SCALE HOR. 1"=50' VERT. 1"=5'
STARTED				208NW3 52380 Y 18NW6-1 18NW6-3

	WATER	STORM SEWER
AUTHOR.		
PROJECT		
PART		
JOB NO.		52010

E-11 6-50 SC

CE487-121-1

SD FILE NO. 122

Replace existing culvert under driveway. Provide standard cut-off walls on both ends and replace dry rubble on slopes. Cost of replacing rubble and driveways and ditch excavation shall be included in price bid for earth excavation and refill.

Inv. 295.20
291.86
Ditch @ 1% to meet existing stream bed.
Do not fill this part of stream between proposed 21" pipes
R. CHASE
BRENWOOD LANE
CAMALIER DRIVE
MATCH LINE A-A SEE SHEET NO. 1
42"x21" Field Conn
6' of 21" RCSP up @ 7.11%
concrete paving
See Section A-A this sheet
Pi. 510.35
PC 4+42
C.A. CAMALIER 7.5' constr. strip
42"x15" Field Conn
15' construction strip
42" RCCP
Ex. 15" RCP Inv. 285.7
15' R/W
25' R/W
M. GRODSKY
L. FEFFER
R. ROBERTS
P. TULLY
C. TOWER
W. ADAMSON
R. GOMEZ
S. TILLMAN
L. BANYAS
F. CARMACK
L. GREENE
N. MANOOKIAN
P. DE SURO
R. HENDON
Curve data
Δ = 20G°
T = 32.01'
I = 17°40'
Chd = G3.27'
Arc = G3.54'
limits of stream fill
PINEHURST
Remove existing concrete flume, build inlet 1211 to replace flume.
Ex. 57"x77" CMPA
15" RCSP
Existing endwall
Build manhole 1212 at existing endwall, see detail sheet 3 of 3.
66" RCSP
10' constr. strip
H. BONART
42"x15" Field Conn
4' of 15" RCCP up @ 1.50%
See detail of concrete paving this sheet.
42" RCSP
72" RCSP
W. KING
W. WELLS
Do not fill stream between these limits - Keep 25' fill within R/Ws
Leave slots on all sides of inlet 1209
15" RCCP
15" RCCP to enter 72" RCSP @ 45°
See plan 54G93-M for detail of Brick Bend 1409 for connection to existing storm drain at D.C. Line.
WESTERN AVENUE
℄ Camalier Dr.
15" RCSP @ 5.0%
Revised alignment from Lot 17, Block A, to Manhole 1274.
REVISIONS APPROVED: Dec. 16, 1953 DATE
Harry B. Shaw CHIEF ENGINEER

Class IIIa concrete
To be of sufficient length to cover lower 2 feet of fill in stream
Cost of rip-rap shall be included in price bid for Furnishing & placing earth borrow
12" Grouted rip-rap
Earth fill
Class IIIa concrete
SECTION A-A NO SCALE

℄ Brennan Lane
DETAIL OF CONCRETE PAVING AT 42"x21" & 42"x15" FIELD CONN NO SCALE

℄ Camalier Dr.
Ex. 57"x77" CMP A4
66" RCSP @ 3.18%
Fill over pipe - 1' min. cover.
Grade fill @ 1% to provide positive drainage to 1209
Maryland
District of Columbia
℄ Western Ave
42"-258.46
72" RCSP @ 0.71%
Existing culvert
12" S - 250.7
72"x15" Field Conn
42" RCCP @ 1.60%
S.H.C. 282.1 (top)
Fill over pipe - 1' min. cover
42" RCCP @ 2.40%
42" RCSP @ 2.85%
42" RCSP @ 1.07%
5-#8 L=42"x42" Field Conn 284.86
280.99
281.3
42"x15" Field Conn
271.20
270.70
4" M.D Conn.
Low Cradle break G" each side of 8'-5". Bottom of cradle at elev. 257.00
℄ Camalier Dr.
15" RCCP @ 2.20%
256.78

DTP 18255 EL. 284.71
RR spike in NW side C&P BC pole G on back prop. line Camalier Dr. lot 14 bl. A.

DTP 18256 EL. 279.22
RR spike in E root 26" chestnut 30' E back prop. line Camalier on E side small str. near R-13 C.

DTP 18257 EL. 271.33
RR spike in NE side C&P BC pole 9 NW side small str.

DTP 18258 EL. 264.37
RR spike in 40" pop lot 35, 175' S of Western.

REVISIONS APPROVED: Oct. 22, 1953 DATE
Harry B. Shaw CHIEF ENGINEER
Culvert replacement under Chase driveway and relocation of inlet 1209.

Number	Type	Top Elev.	Remarks
1209	D	261.5	WSSC Standard
1210	Special	264.3	See detail, sheet 3 of 3
1211	A-1	269.4	WSSC Standard
1212	Special	268.3	See detail, sheet 3 of 3
1213	B MH	276.0	WSSC Standard 54" ø with type E inlet grate.

DRAWN
TRACED
CHECKED
EXAMINED
STARTED
E-11 6-60 SC

WASHINGTON SUBURBAN SANITARY DISTRICT

APPROVED Sept 11, 1952 DATE
Harry B. Shaw CHIEF ENGINEER

WASHINGTON SUBURBAN SANITARY COMMISSION
CHAIRMAN

	WATER	STORM SEWER
AUTHOR.		
PROJECT		
PART		
JOB NO.		52D010

CONTRACT GZ-DX

PLAN AND PROFILE

CHEVY CHASE DISTRICT
STORM DRAIN
QUINCY, OXFORD AND RAYMOND ST'S.
BRADLEY LA.-MARTINS AD. TO CHEVY CHASE

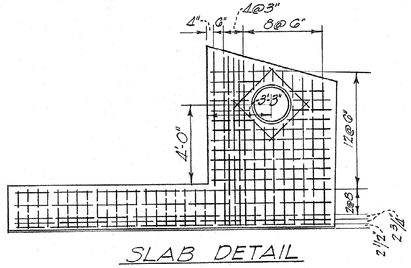
DRAWING NO. 2 OF 3

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

209 NW 3
52 38 1
Y
17 NW G-1
16 NW G-2

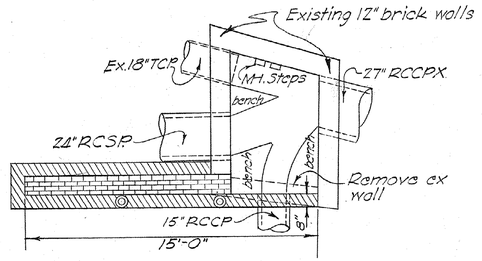
CE 487-121-2

SD FILE NO. 122



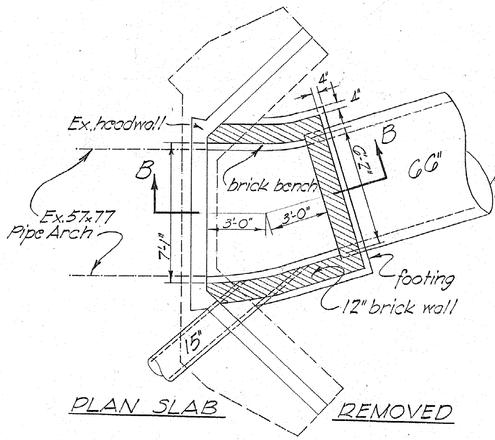
SLAB DETAIL

All details not shown are similar to W.S.S.D. standard F-2 inlet.

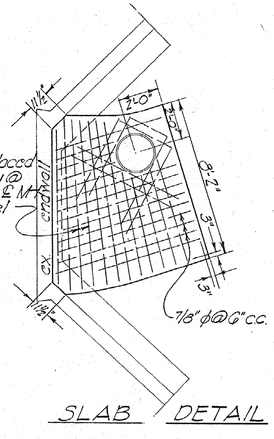


Rebuild existing inlet as shown

PLAN-SLAB REMOVED INLET 1223

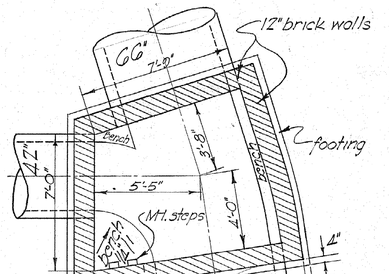


PLAN SLAB REMOVED

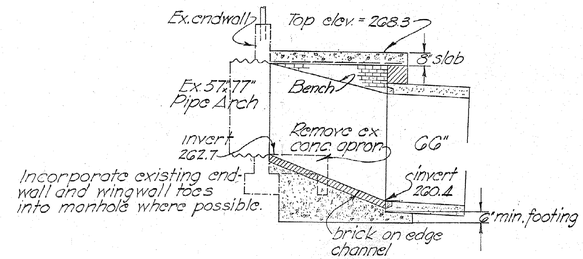


SLAB DETAIL

Note: all details not shown for MH's 1210 and 1212 are similar to W.S.S.C. standard type B MH.

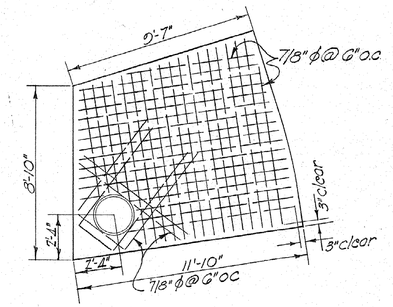


PLAN-SLAB REMOVED MH 1210

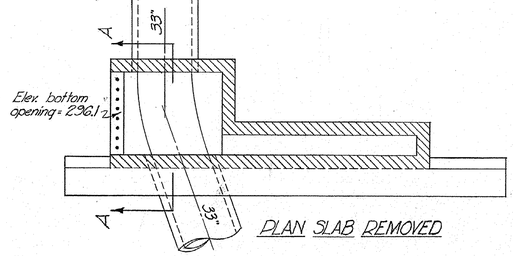


SECTION B-B

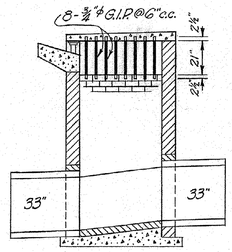
MH 1212



MH 1210 - SLAB DETAIL

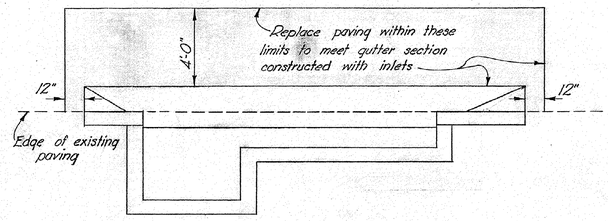


PLAN SLAB REMOVED



SECTION A-A

INLET 1216 W.S.S.C. STANDARD F-2 WITH OPENING IN END



DETAIL OF PAVING REPLACEMENT AT INLET 1224

GENERAL NOTES

1. All pipe elevations shown are invert-Ⓐ elevations.
2. Top elevations of structures shall be adjusted in the field to meet existing conditions.
3. Test pits shall be dug in advance of trench excavation to determine the location of crossing mains.
4. Existing pipes that discharge into the stream are to be connected to the new drain or bricked shut as directed by the Engineer; payment for adjusting existing pipes to meet connections provided will be made as extra work.
5. Seed all backfill in trenches and the fill in the stream and all other disturbed areas within rights of way and construction strips unless otherwise specified.
6. Four foot lengths of pipe will be used on all curves.
7. Where pipe lines are in or adjacent to existing stream, fill stream as required to provide 1' minimum cover over top of pipe and grade fill to direct surface water to openings provided.
8. Adjustments to utilities will be made by others, but damage to utilities caused by the Contractors operations must be repaired at his expense.
9. Pipes 8" and smaller in diameter shall be connected to the main drain by use of M-D connections; Field Connections shall be used to connect pipes larger than 8".
10. All brick lined channels in manholes and inlets are to extend to crown of pipes, rather than height of 2/3 diameter shown on Standard Details.

DRAWN / TRACED / CHECKED / EXAMINED / STARTED	WASHINGTON SUBURBAN SANITARY DISTRICT	APPROVED Sept. 11, 1962 DATE — CHIEF ENGINEER	WASHINGTON SUBURBAN SANITARY COMMISSION — CHAIRMAN	AUTHOR. / PROJECT / PART / JOB NO. — WATER / STORM SEWER — 52010	CONTRACT 62-DX	DETAILS	CHEVY CHASE DISTRICT STORM DRAIN QUINCY, OXFORD AND RAYMOND ST'S. BRADLEY LA-MARTINS AD...	DRAWING NO. 3 OF 3	SCALE 1/4" = 1'-0"

E-11 6-60 SC

CE487-121-3

SD FILE NO. 122

Maryland State Archives