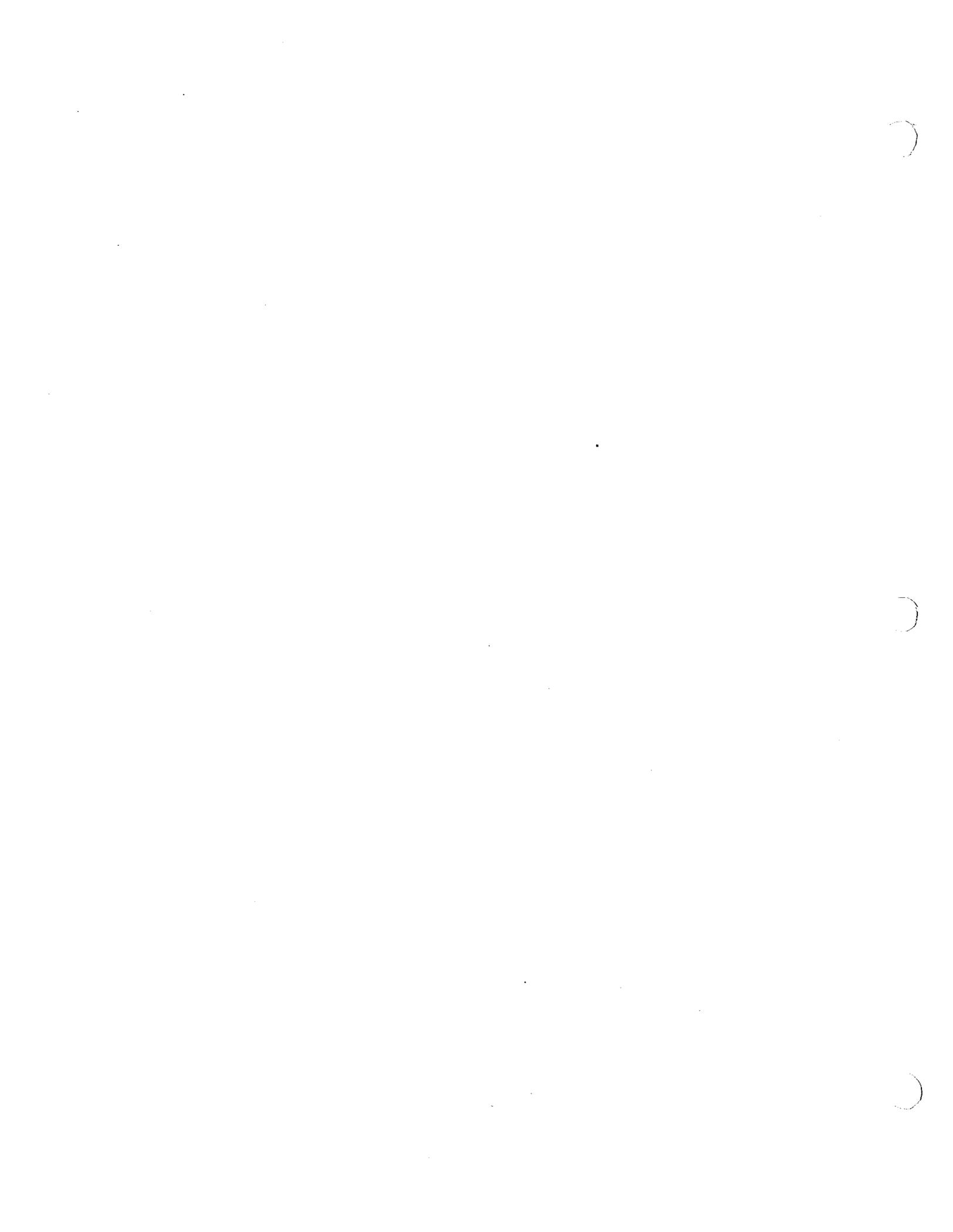


Appendix M
Combined Sewer System Overflow Structures



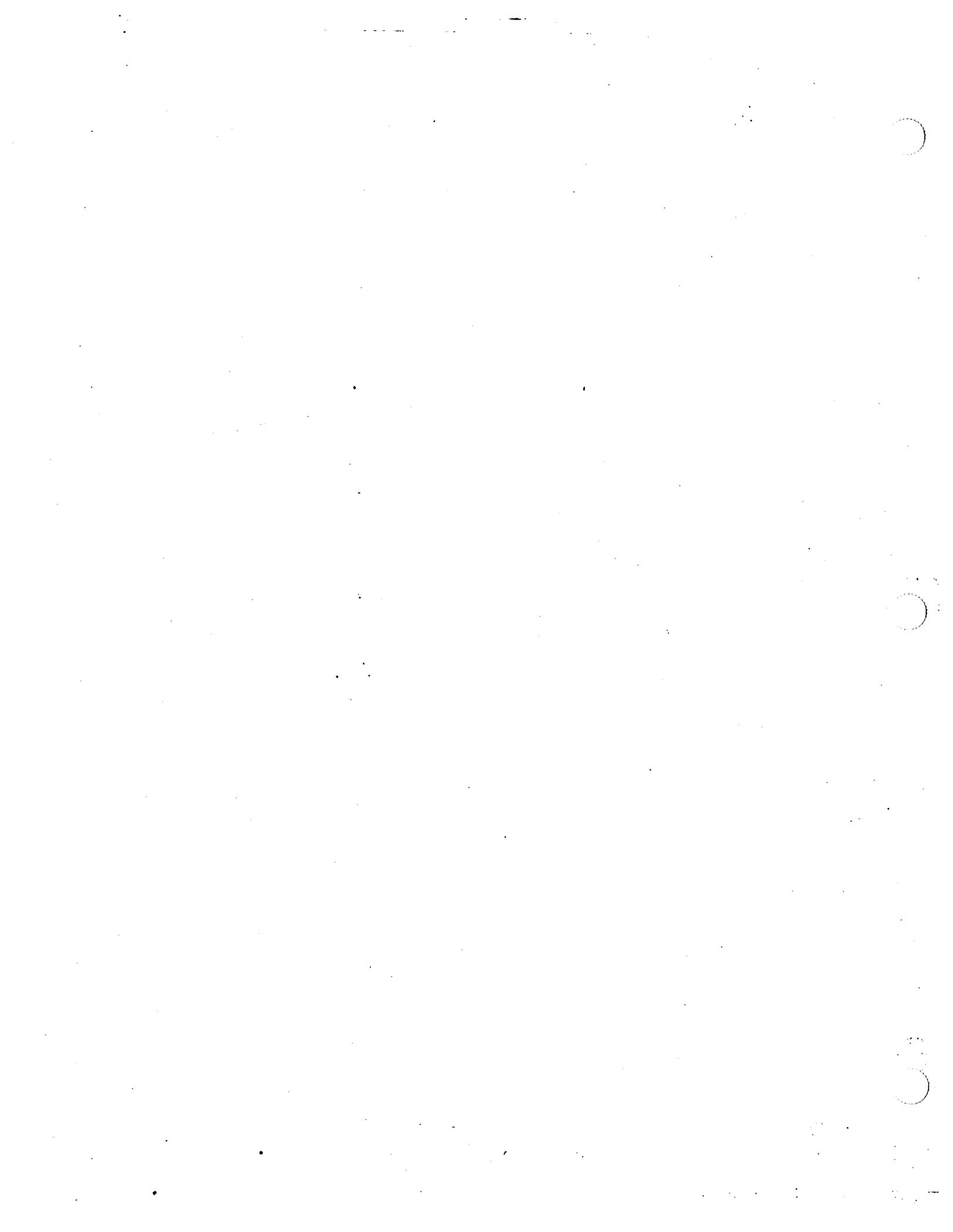
**SKETCHES OF STRUCTURES
WITHIN SEWER COLLECTION AREA**

FOR

**CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT**

JUNE 16, 1997

**MALCOLM PIRNIE, INC.
ENVIRONMENTAL ENGINEERS, SCIENTISTS AND PLANERS
445 Hutchinson Ave.
Columbus, OH 43235-5677**



CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
SKETCHES OF SEWER STRUCTURES

WATER
CONTROL



POLLUTION
DEPARTMENT

LEGEND

- | | | | |
|-------|----------------|---|--------------|
| ----- | SANITARY SEWER | • | MANHOLE |
| — — — | STORM SEWER | ⊙ | CSO POINT |
| ———— | COMBINED SEWER | - | CURB INLET |
| ----- | TRUNK SEWER | □ | CATCH BASIN |
| ———— | TRUNK SEWER | ■ | PUMP STATION |

**MALCOLM
PIRNIE**

**CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
SKETCHES OF SEWER STRUCTURES**

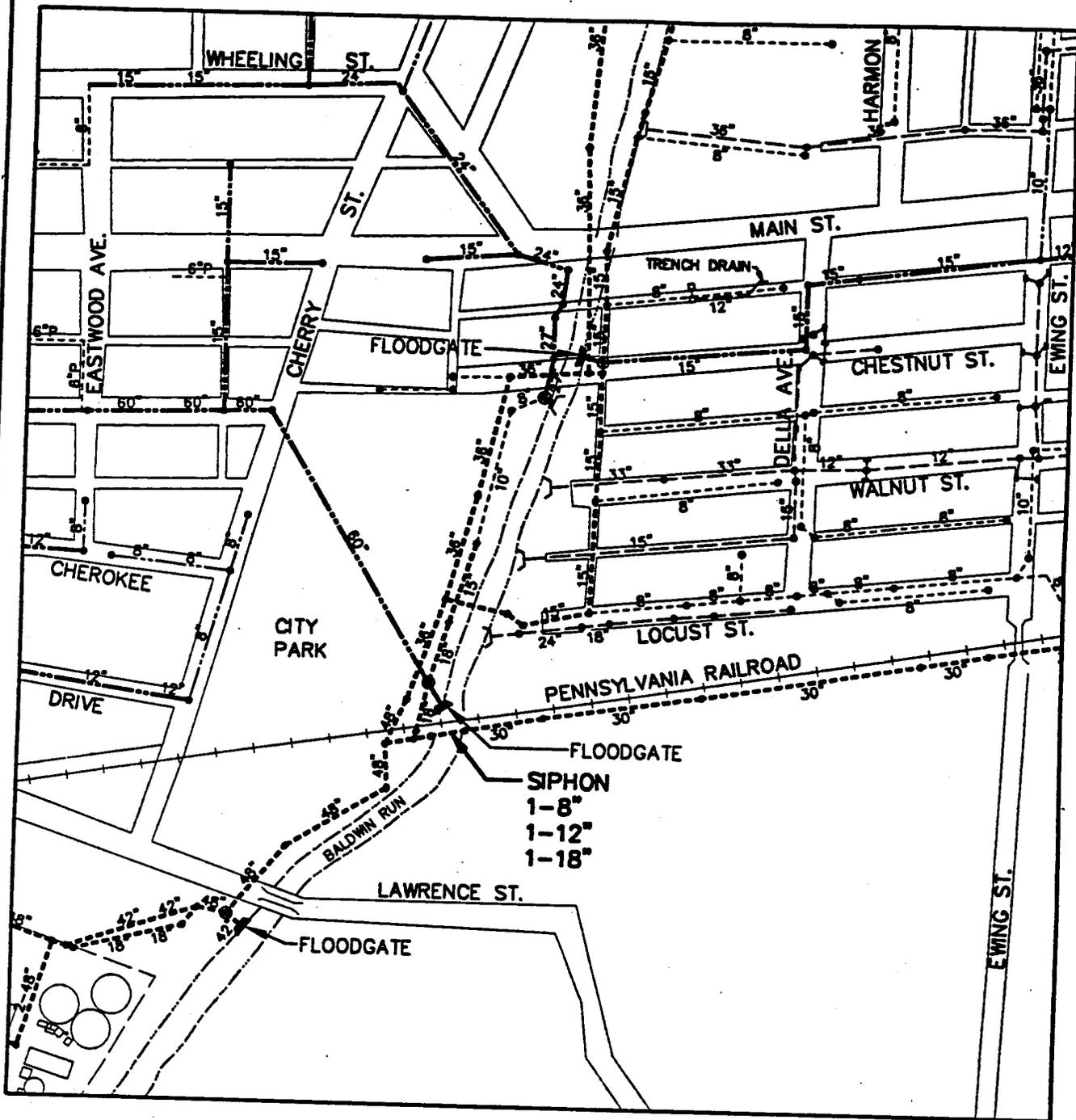
Table of Contents

Figure No.	Figure Description	Structure Location
Siphons		
1	Mary Burnham Park Location Plan	Baldwin Run and IN & OH RR
2	Mary Burnham Park Plan and Section	Baldwin Run and IN & OH RR
3	W of WWTP Location Plan	IN & OH RR and Hocking River
4	W of WWTP Plan and Section	IN & OH RR and Hocking River
5	Lincoln Location Plan	Lincoln Ave. and Hunters Run
6	Lincoln Plan and Section	Lincoln Ave. and Hunters Run
CSOs		
7	Structure 1004 Location Plan	West Perimeter of WWTP
8	Structure 1004 Plan and Section	West Perimeter of WWTP
9	Structure 1005 Location Plan	IN & OH RR and Hocking R. N. Bank
10	Structure 1005 Plan and Section	IN & OH RR and Hocking R. N. Bank
11	Structure 1006 Location Plan	IN & OH RR and Hocking R. S. Bank
12	Structure 1006 Plan and Section	IN & OH RR and Hocking R. S. Bank
13	Structure 1007-A Location Plan	South Broad St. and Chestnut
14	Structure 1007-A Plan and Section	South Broad St. and Chestnut
15	Structure 1007-B Location Plan	South Broad St. and Walnut
16	Structure 1007-B Plan and Section	South Broad St. and Walnut
17	Structure 1007-C Location Plan	South Broad St. and Winding
18	Structure 1007-C Plan and Section	South Broad St. and Winding
19	Structure 1007-D Location Plan	South Broad St. and South Columbus
20	Structure 1007-D Plan and Section	South Broad St. and South Columbus
21	Structure 1008 Location Plan	Lincoln Ave. and Hocking River
22	Structure 1008 Plan and Section	Lincoln Ave. and Hocking River
23	Structure 1009 Location Plan	Mulberry St. and Memorial Dr.
24	Structure 1009 Plan and Section	Mulberry St. and Memorial Dr.
25	Structure 1010 Location Plan	Mulberry St. and Hocking St.
26	Structure 1010 Plan and Section	Mulberry St. and Hocking St.
27	Structure 1011 Location Plan	Union St. and Memorial Dr.
28	Structure 1011 Plan and Section	Union St. and Memorial Dr.
29	Structure 1012 Location Plan	Fifth St. and Memorial Dr.
30	Structure 1012 Plan and Section	Fifth St. and Memorial Dr.
31	Structure 1013 Location Plan	Sixth St. and Memorial Dr.
32	Structure 1013 Plan and Section	Sixth St. and Memorial Dr.
33	Structure 1014 Location Plan	Allen St. and Memorial Dr.
34	Structure 1014 Plan and Section	Allen St. and Memorial Dr.
35	Structure 1015 Location Plan	North Broad St. and Fair Ave.
36	Structure 1015 Plan and Section	North Broad St. and Fair Ave.
37	Structure 1016 Location Plan	Sixth St. and North Broad St.
38	Structure 1016 Plan and Section	Sixth St. and North Broad St.

**CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
SKETCHES OF SEWER STRUCTURES**

Table of Contents

<u>Figure No.</u>	<u>Figure Description</u>	<u>Structure Location</u>
39	Structure 1017 Location Plan	Fifth St. and North Broad St.
40	Structure 1017 Plan and Section	Fifth St. and North Broad St.
41	Structure 1018 Location Plan	North Broad St. and Mulberry St.
42	Structure 1018 Plan and Section	North Broad St. and Mulberry St.
43	Structure 1019 Location Plan	SE Corner of Mary Burnham Park
44	Structure 1019 Plan and Section	SE Corner of Mary Burnham Park
45	Structure 1019 Plan and Section	SE Corner of Mary Burnham Park
46	Structure 1020 Location Plan	Chestnut St. and Brooks Ave.
47	Structure 1020 Plan and Section	Chestnut St. and Brooks Ave.
48	Structure 1021 Location Plan	Union St. and Garfield Ave.
49	Structure 1021 Plan and Section	Union St. and Garfield Ave.
50	Structure 1022 Location Plan	Columbus St. and Wilson Ave.
51	Structure 1022 Plan and Section	Columbus St. and Wilson Ave.
52	Structure 1023 Location Plan	High St. North of Fair Ave.
53	Structure 1023 Plan and Section	High St. North of Fair Ave.
54	Structure 1024 Location Plan	Wheeling St. and Livingston Ave.
55	Structure 1024 Plan and Section	Wheeling St. and Livingston Ave.
56	Structure 1026 Location Plan	NE Corner of Mary Burnham Park
57	Structure 1026 Plan and Section	NE Corner of Mary Burnham Park
58	Structure 1027 Location Plan	Walnut St. and Whiley Ave.
59	Structure 1027 Plan and Section	Walnut St. and Whiley Ave.
60	Structure 1028 Location Plan	Sixth St. and Pierce Ave.
61	Structure 1028 Plan and Section	Sixth St. and Pierce Ave.
62	Structure 1029 Location Plan	Sixth St. and Boyd Ave.
63	Structure 1029 Plan and Section	Sixth St. and Boyd Ave.
64	Structure 1030 Location Plan	Walnut St. and Maple St.
65	Structure 1030 Plan and Section	Walnut St. and Maple St.
66	Structure 1031 Location Plan	Wheeling St. and Maple St.
67	Structure 1031 Plan and Section	Wheeling St. and Maple St.
68	Structure 1032 Location Plan	Alley North of Main St. and Maple St.
69	Structure 1032 Plan and Section	Alley North of Main St. and Maple St.
70	Structure 1033 Location Plan	Park St. and Memorial Dr.
71	Structure 1033 Plan and Section	Park St. and Memorial Dr.
72	Structure 1034 Location Plan	Baldwin Run and Lawrence St.
73	Structure 1034 Plan and Section	Baldwin Run and Lawrence St.
74	Structure 1035 Location Plan	E. of Park and Columbus
75	Structure 1035 Plan and Section	E. of Park and Columbus
Facility Protection Device		
76	Structure 1036 Location Plan	Lincoln Ave. and Hunters Run
77	Structure 1036 Plan and Section	Lincoln Ave. and Hunters Run



REFERENCE SHT. NO. G-7

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

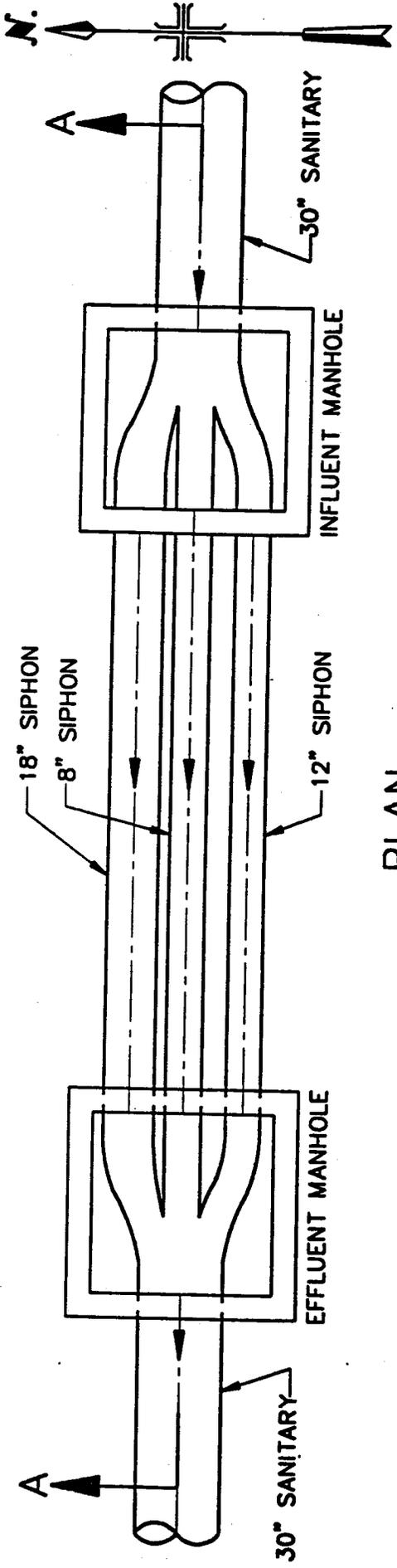
COMBINED SEWER OVERFLOW
 SE OF MARY BURNHAM PARK SIPHON
 LOCATION PLAN

SCALE: 1" = 400'

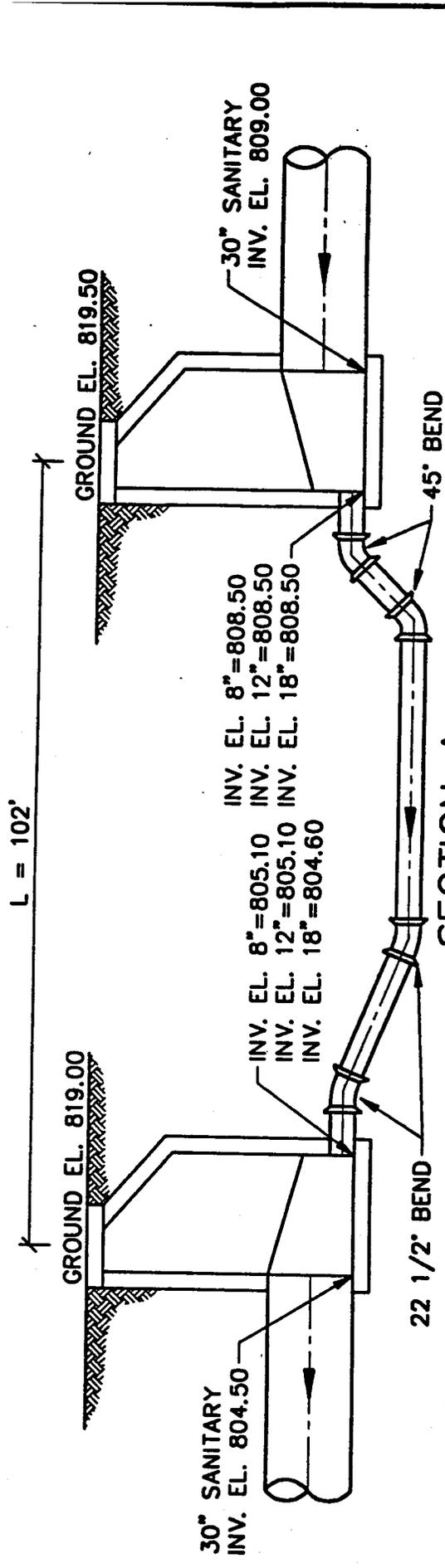
COPYRIGHT © 1996
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FIGURE NO. 1

3872 : 0491028127\D:\PROJ\04910281\SKETCH35 SCALE: 1:1i 04/10, 1997 at 13:35



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

REFERENCE SHT. NO. G-7

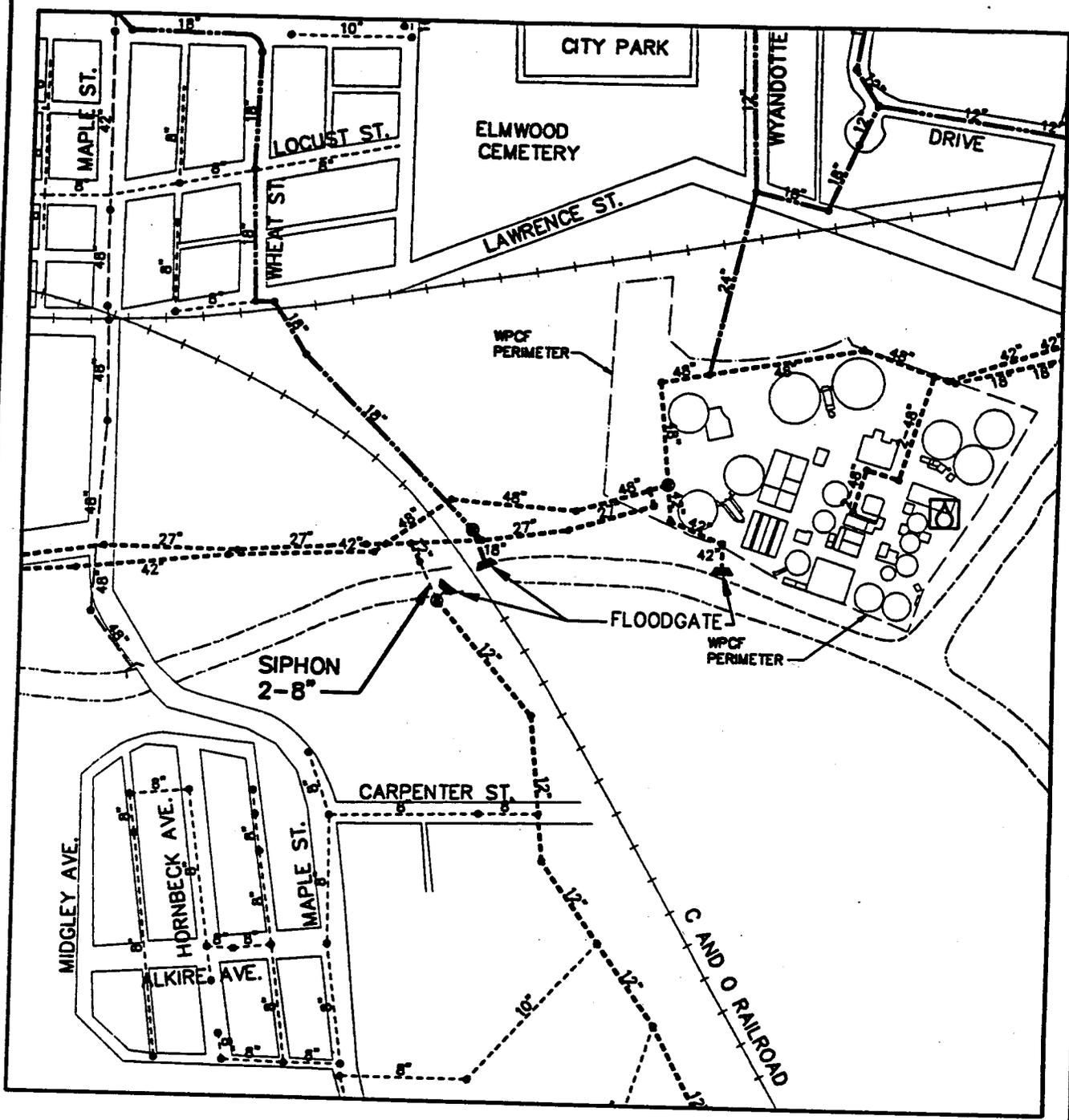
**MALCOLM
PIRNIE**

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
SE OF MARY BURNHAM PARK SIPHON
PLAN AND SECTION

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FIGURE NO. 2



REFERENCE SHT. NO. H-6

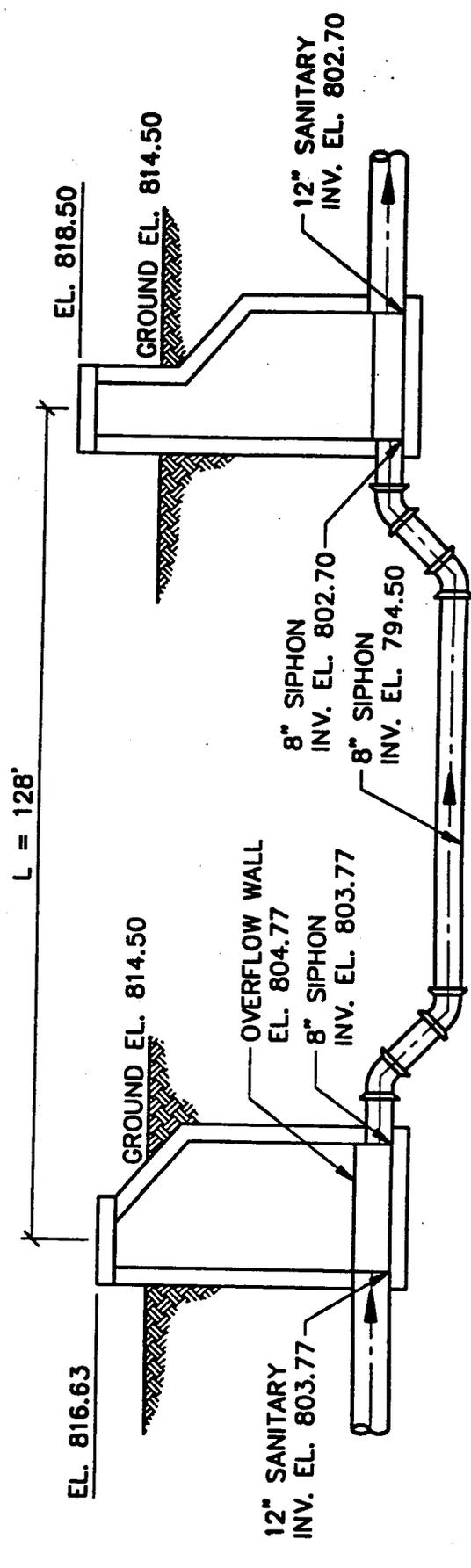
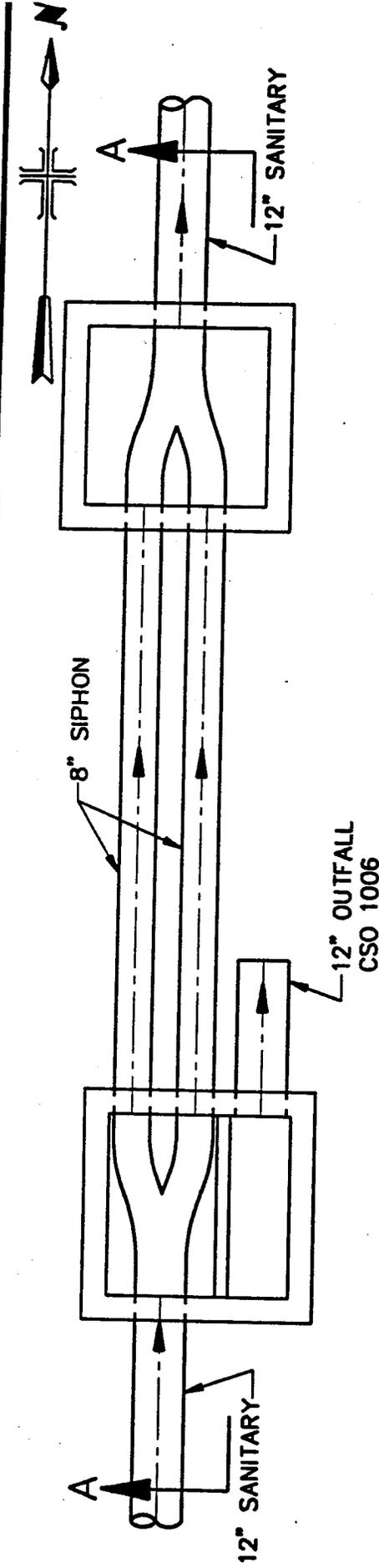
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
SOUTHWEST OF WPCF SIPHON
LOCATION PLAN

SCALE: 1" = 400'
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FIGURE NO. 3

3872 : 000002738 V:\00-000000\00000000.DWG 1:11 04/11, 1997 at 10:30

3872 : 0491028127\D:\PROJ\04910281\SKETCH34 SCALE: 1:11 04/10, 1997 at 14:06



REFERENCE SHT. NO. H-6

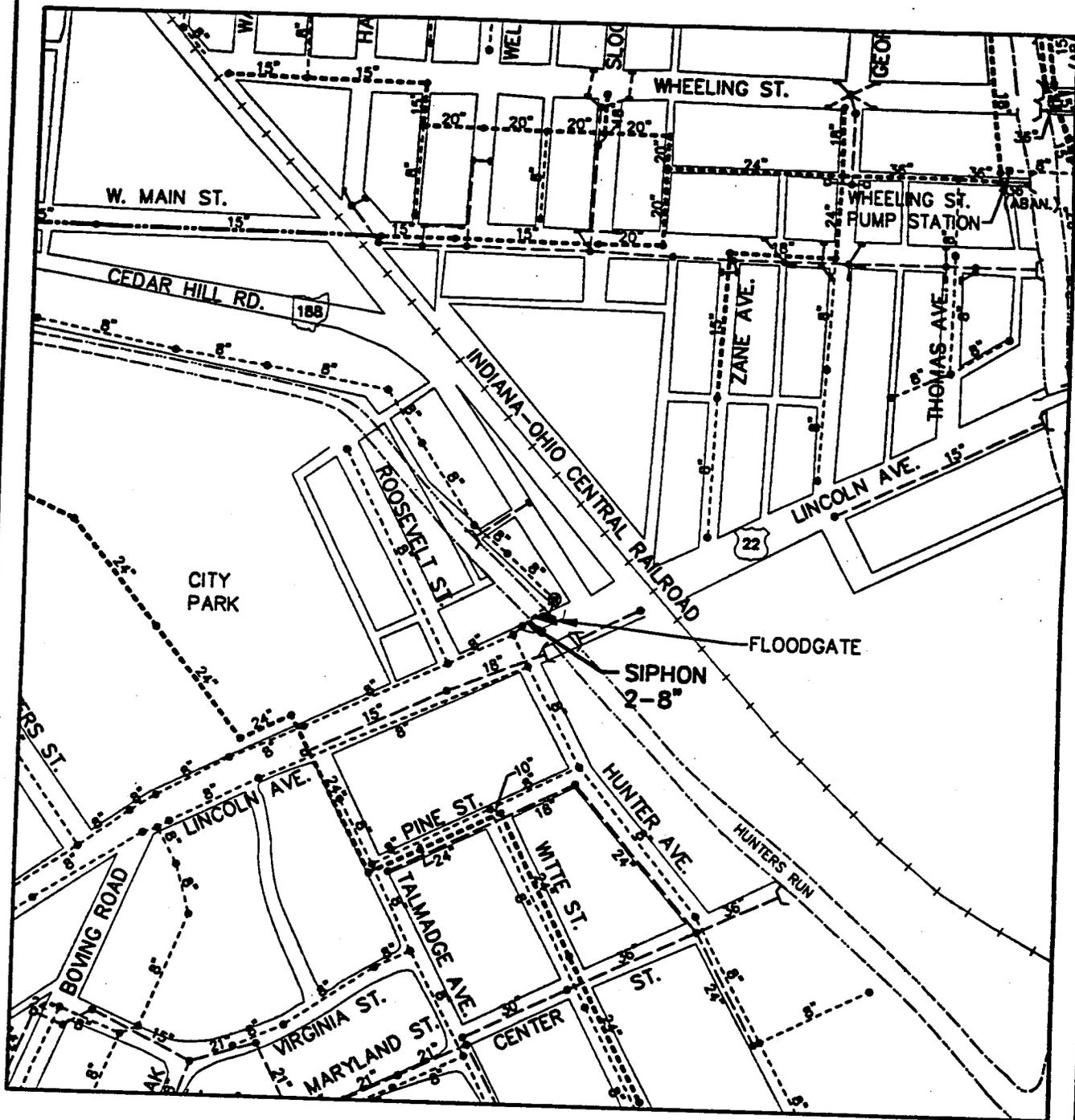
MALCOLM PIRNIE

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
SOUTHWEST OF WPCF SIPHON
PLAN AND SECTION

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FIGURE NO. 4



REFERENCE SHT. NO. G-5

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 LINCOLN AVE. SIPHON
 LOCATION PLAN

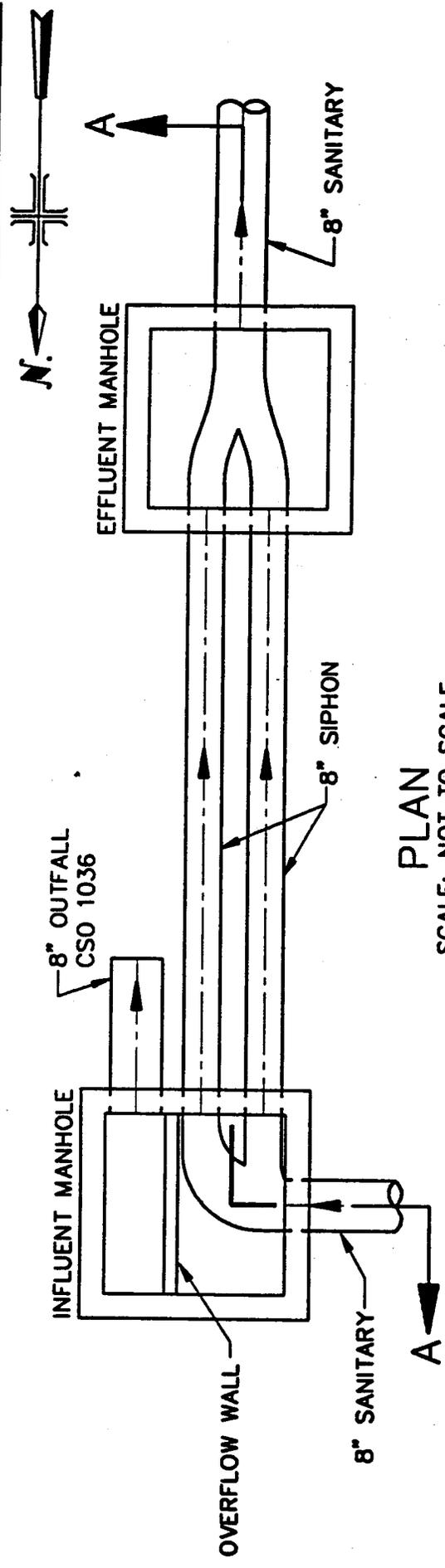
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FIGURE NO. 5

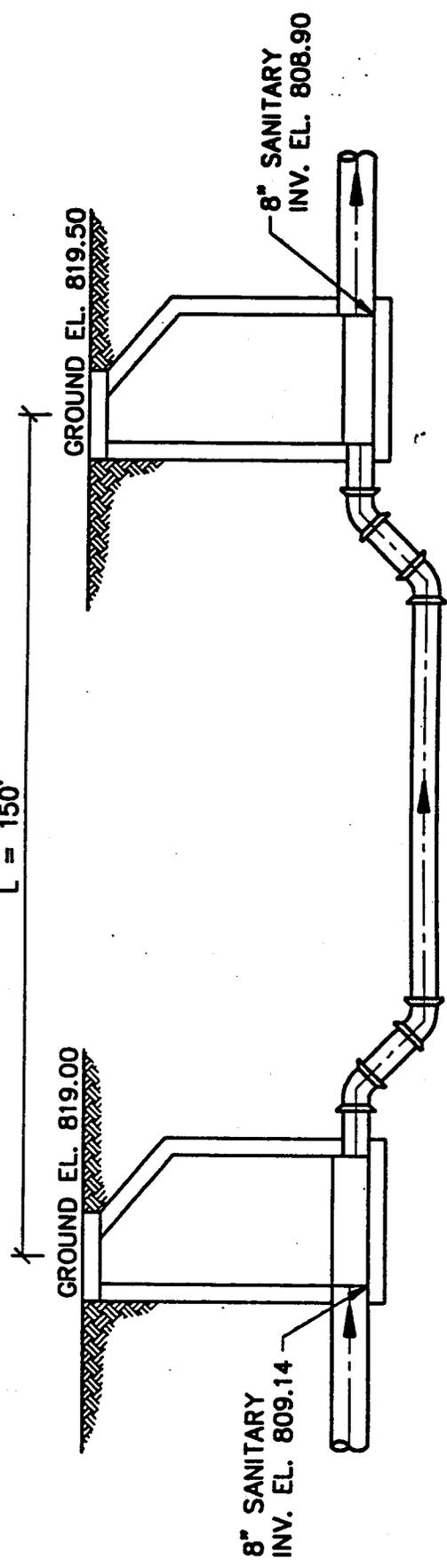
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3872 : 0491028127\p:\PROJ\04910281\SKETCH37 SCALE: 1:11 04/24, 1997 at 11:07



PLAN
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L = 150'

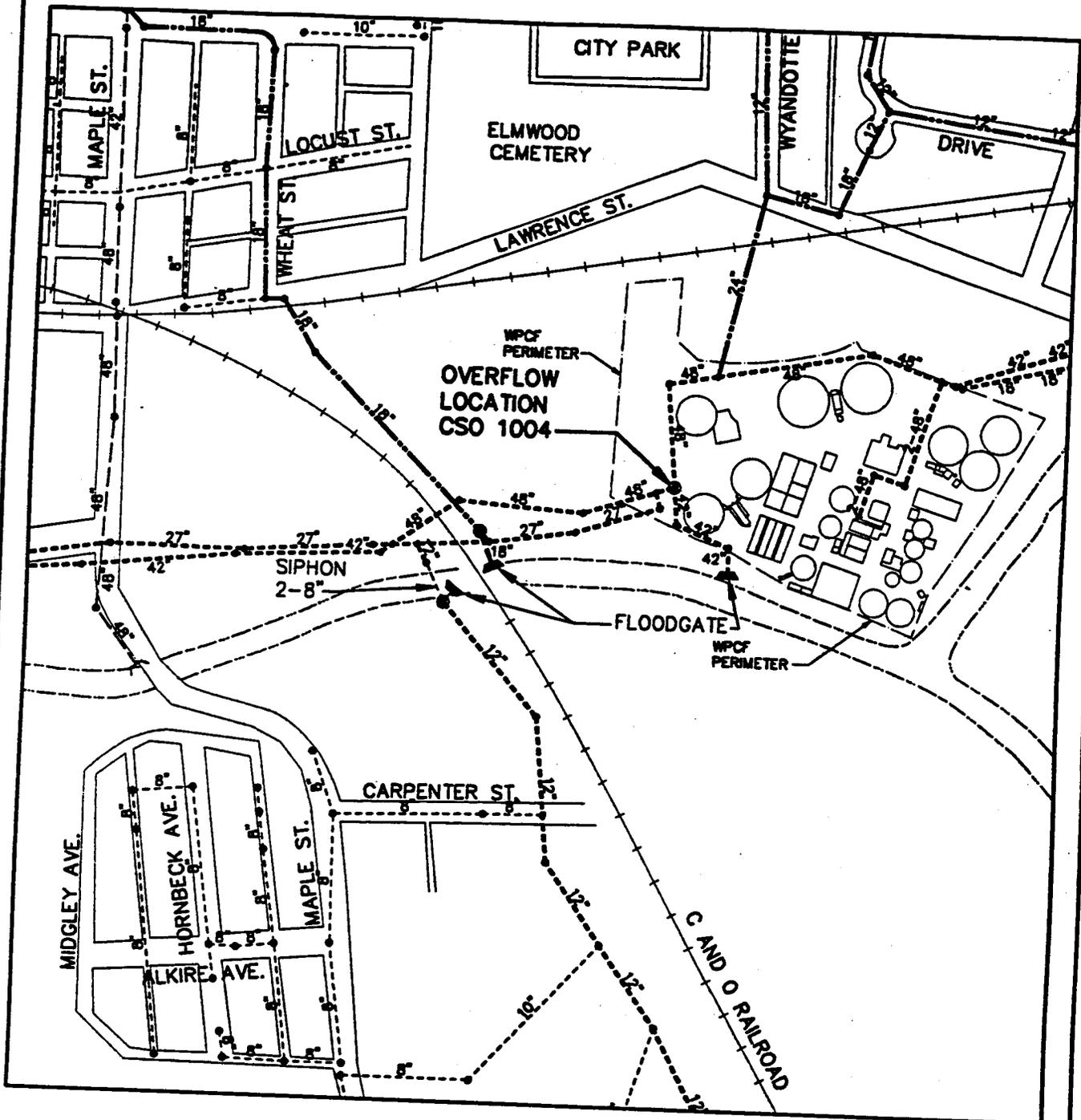


REFERENCE SHT. NO. H-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
LINCOLN AVE. SIPHON
PLAN AND SECTION

MALCOLM PIRNIE
COPYRIGHT © 1996
FIGURF NO. 6



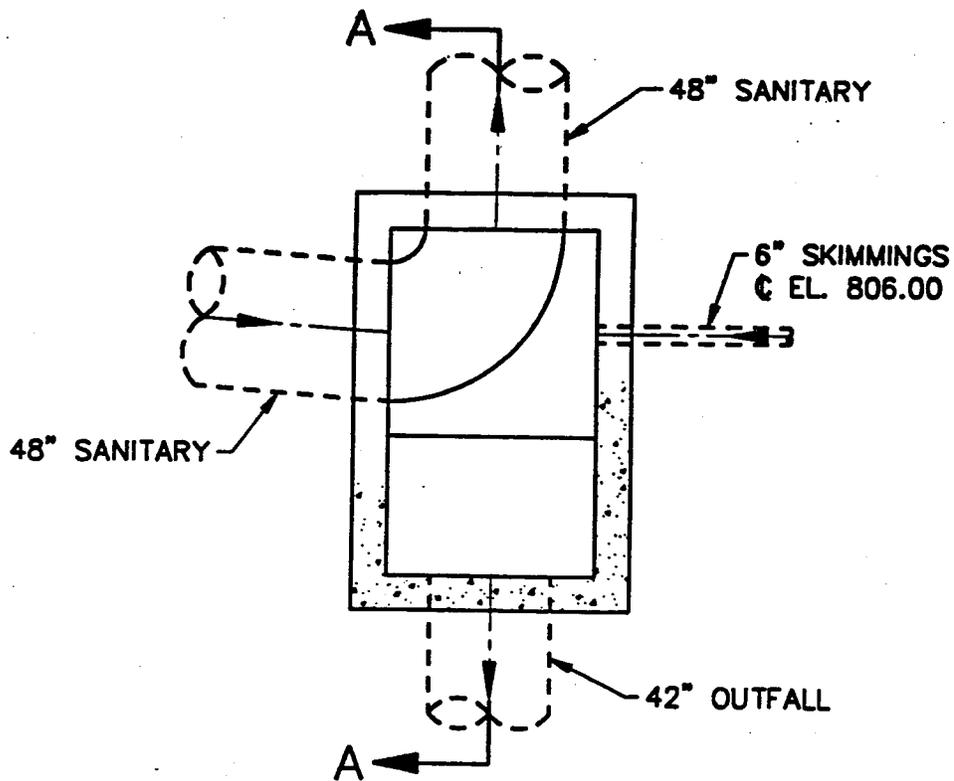
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CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

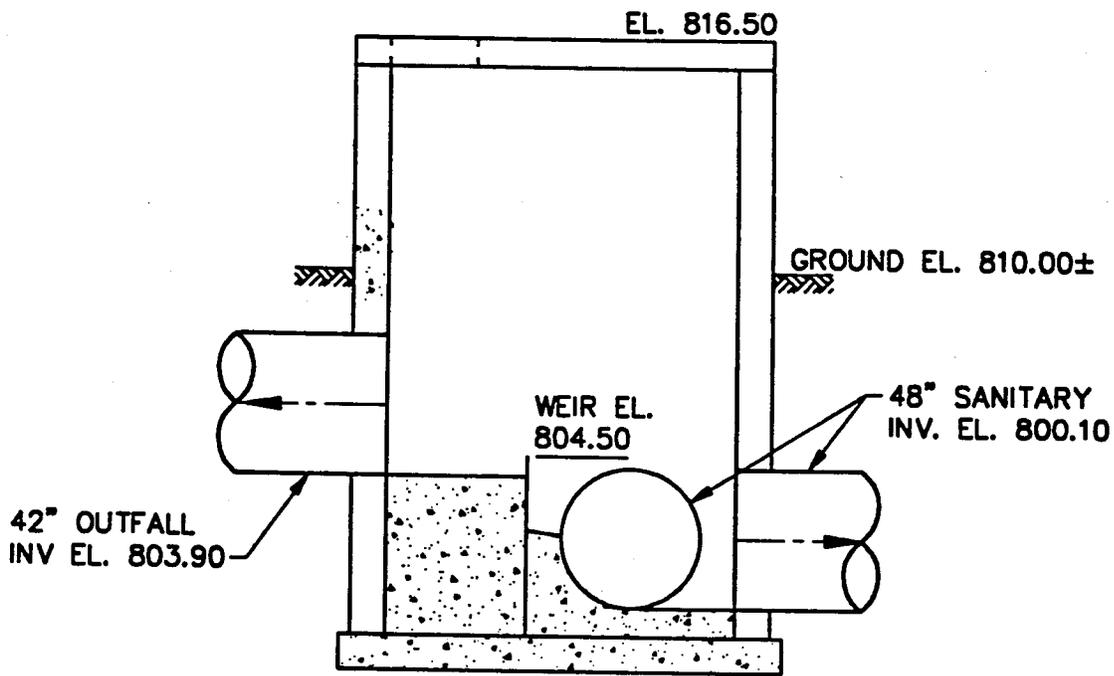
COMBINED SEWER OVERFLOW
 STRUCTURE 1004
 LOCATION PLAN

SCALE: 1" = 400'
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 FIGURE NO. 7

3072 : 0000001272 : 0000000000 : 0000000000 : SCALE: 1" = 400' / 11/11/1997 at 11:08



PLAN
SCALE: NOT TO SCALE



SECTION A
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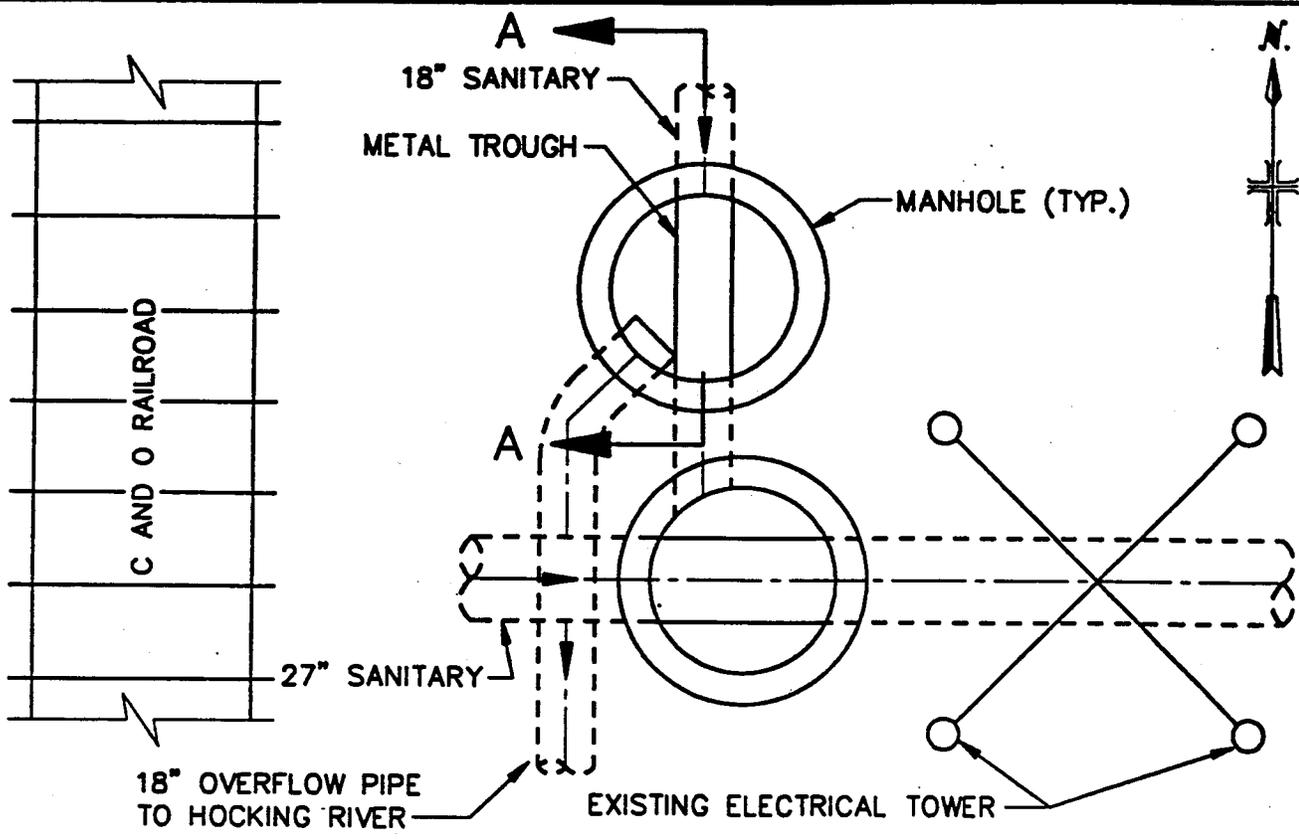
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

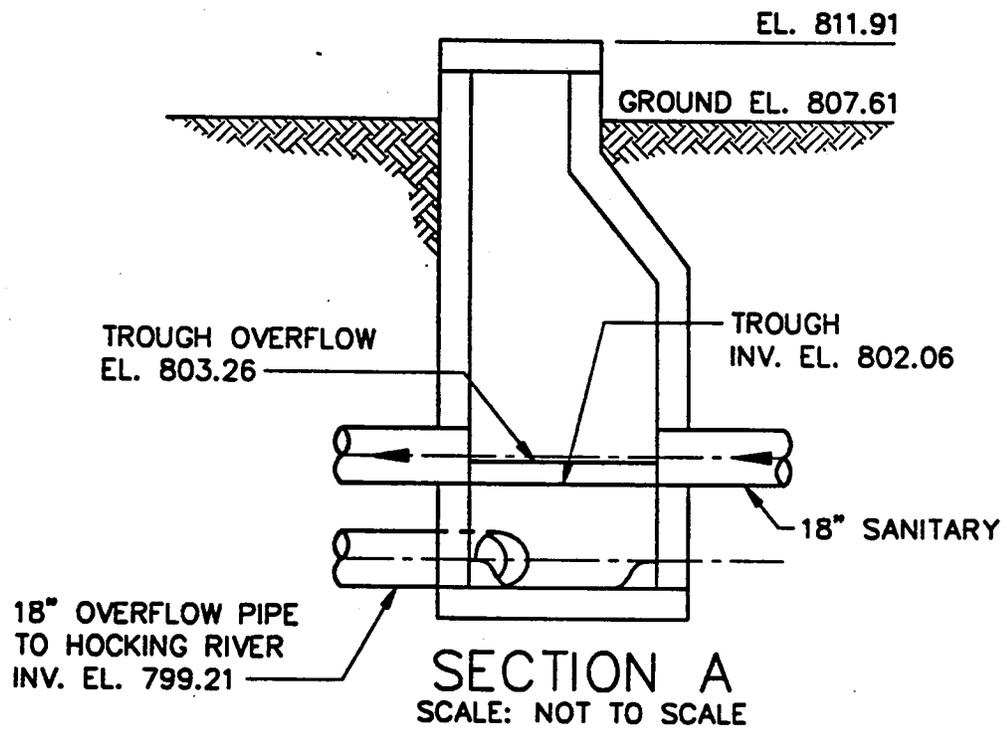
COMBINED SEWER OVERFLOW
STRUCTURE 1004
PLAN AND SECTION

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FIGURE NO. 8



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

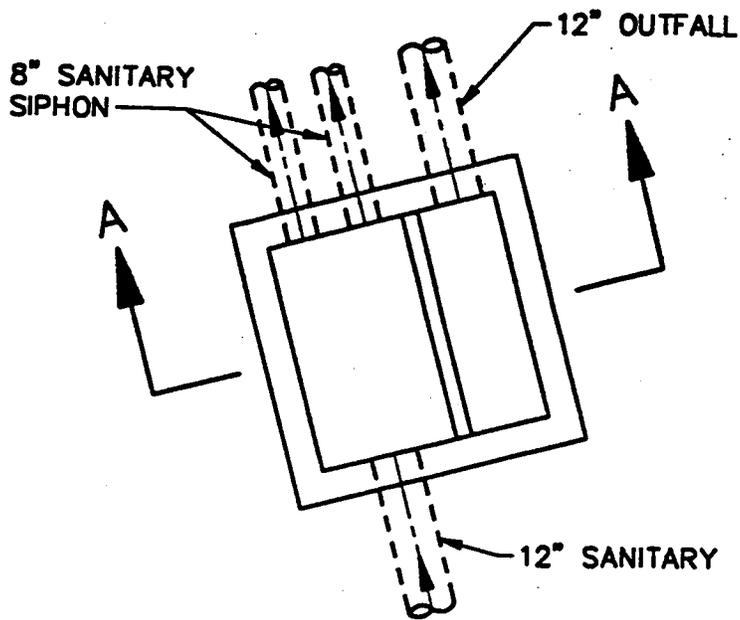
794 0821194430 P:\PROJ\04910281\SKETCH1 Scale: 1:11 Date: 08/06/1997 Time: 07:12

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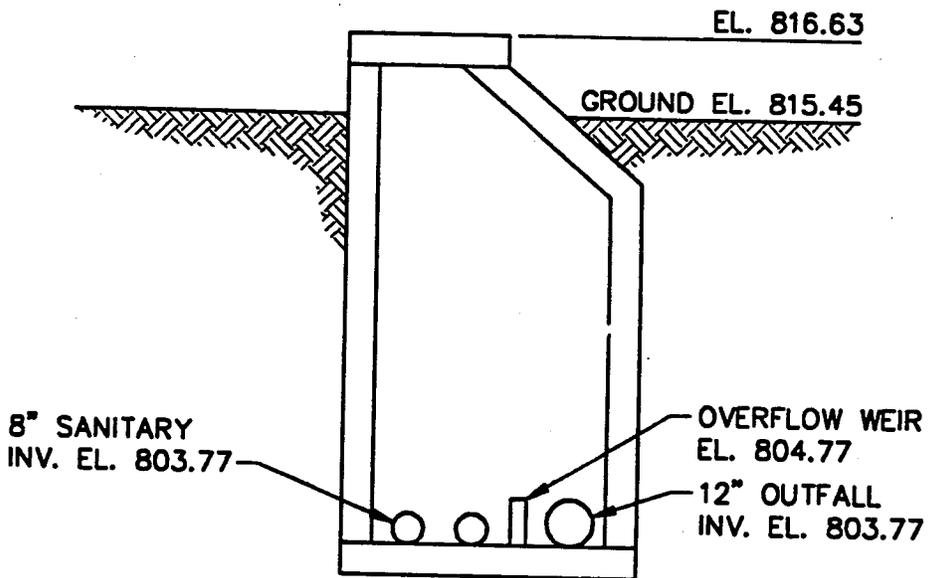
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1005
 PLAN AND SECTION

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 FIGURE NO. 10



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

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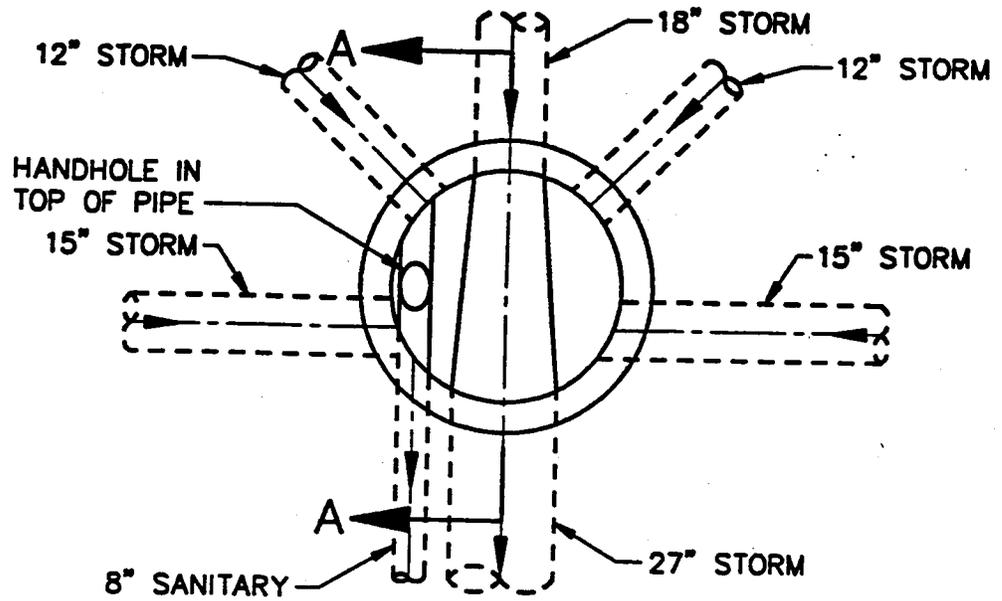
REFERENCE SHT. NO. H-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

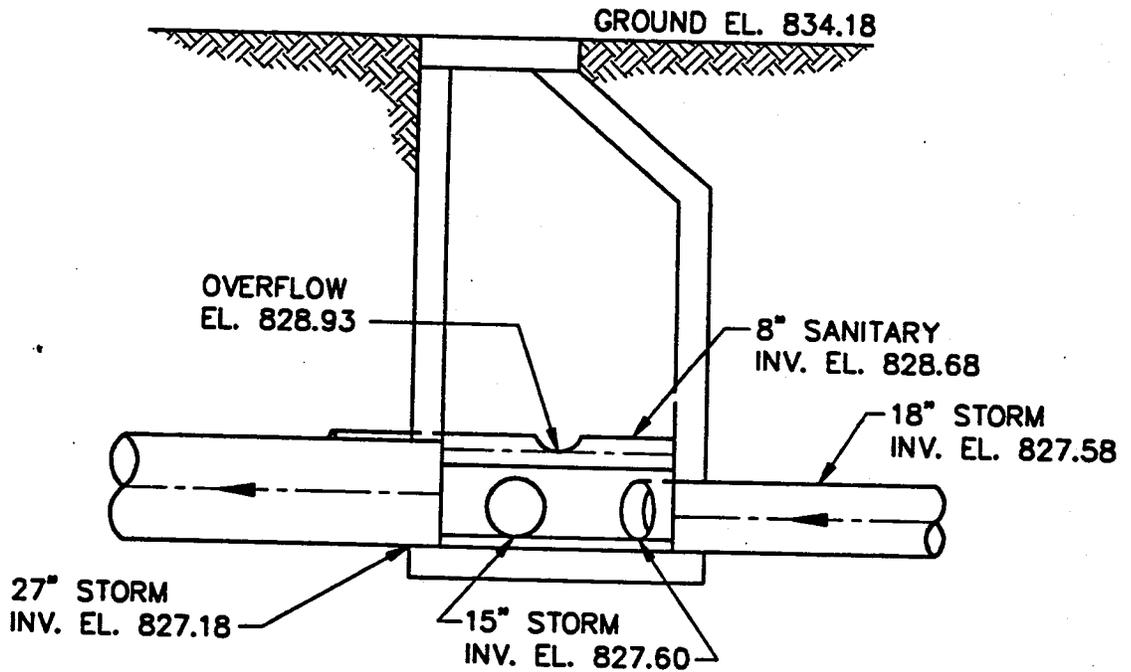
COMBINED SEWER OVERFLOW
STRUCTURE 1006
PLAN AND SECTION

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FIGURE NO. 12



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

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REFERENCE SHT. NO. G-6

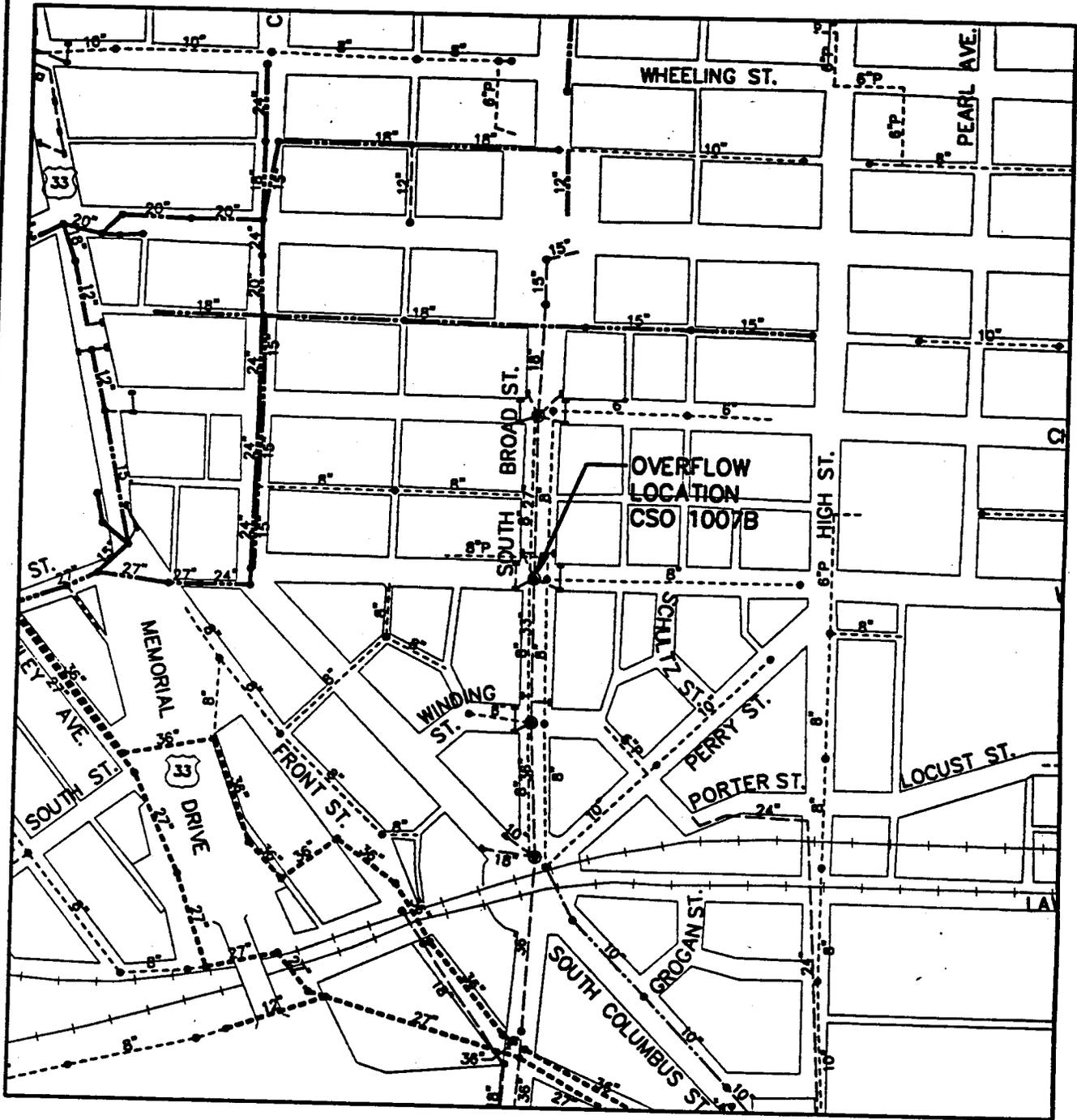
SOUTH BROAD ST. AND CHESTNUT ST.

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1007A
PLAN AND SECTION

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FIGURE NO. 14



REFERENCE SHT. NO. G-6

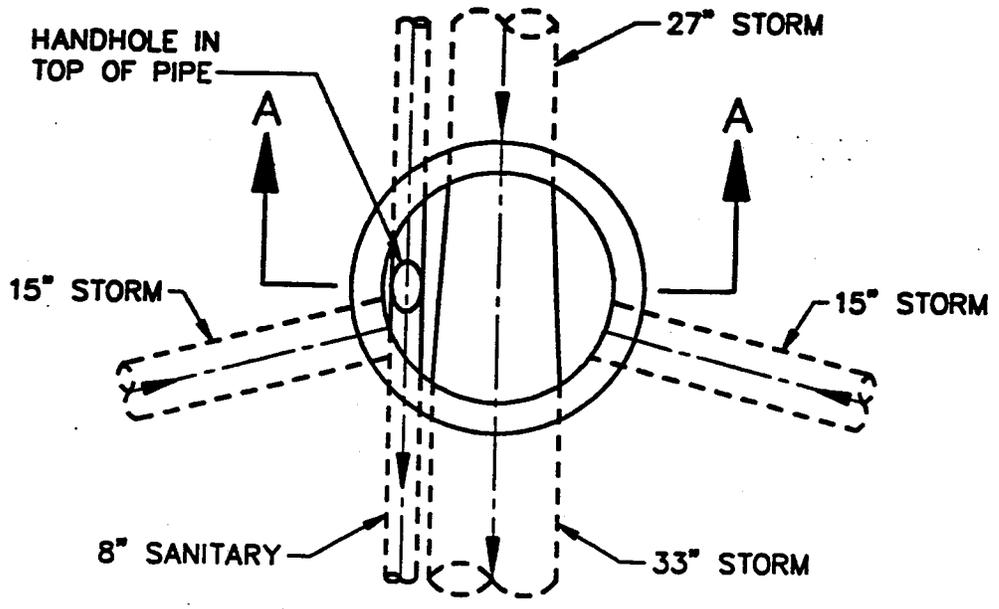
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1007B
 LOCATION PLAN

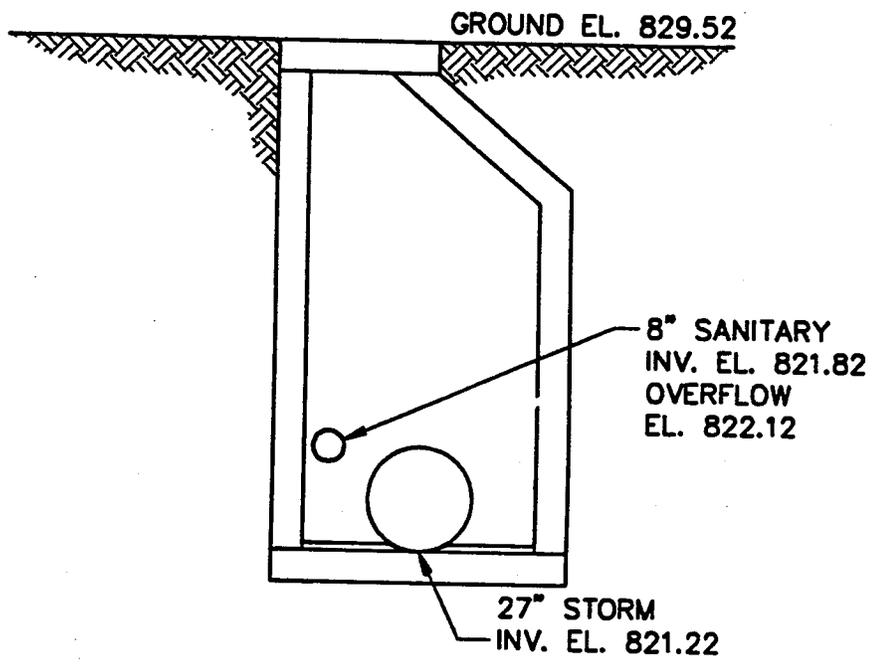
SCALE: 1" = 400'

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FIGURE NO. 15



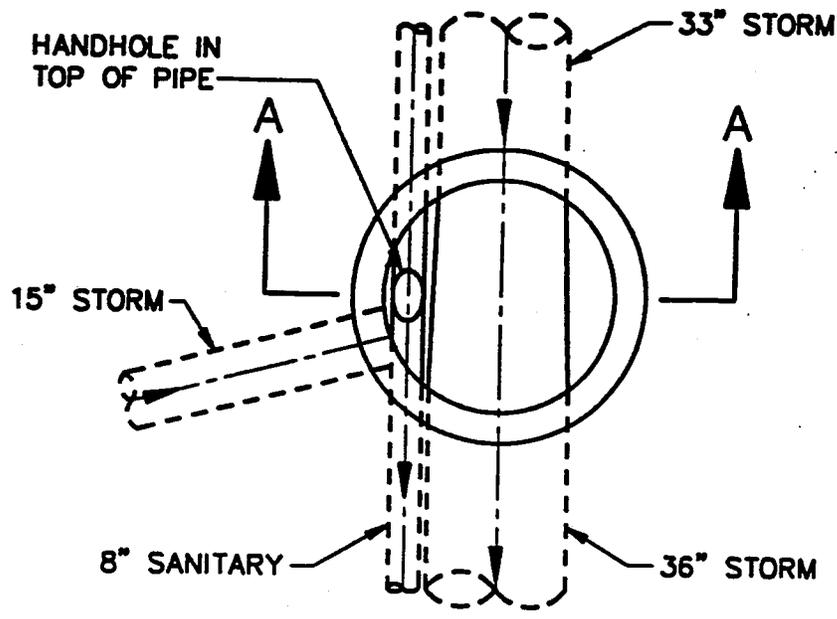
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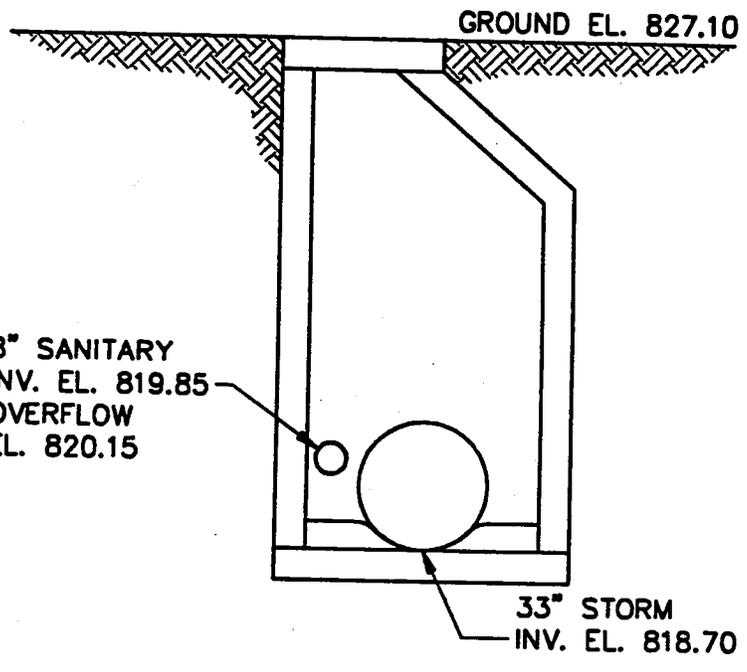
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REFERENCE SHT. NO. G-6		SOUTH BROAD ST. AND WALNUT ST.	
CITY OF LANCASTER WATER POLLUTION CONTROL DEPARTMENT WASTEWATER COLLECTION SYSTEM		COMBINED SEWER OVERFLOW STRUCTURE 1007B PLAN AND SECTION	
		COPYRIGHT © 1996 MALCOLM PIRNIE, INC.	
		FIGURE NO. 16	



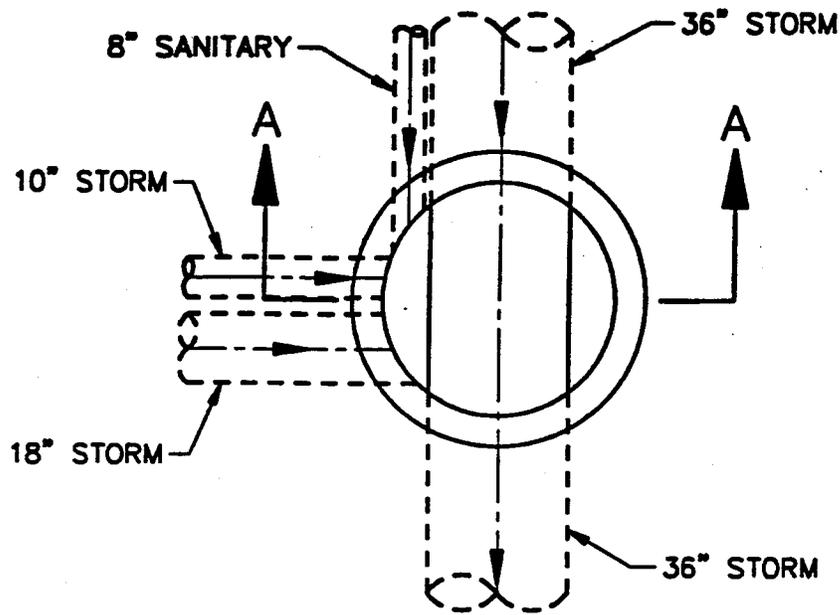
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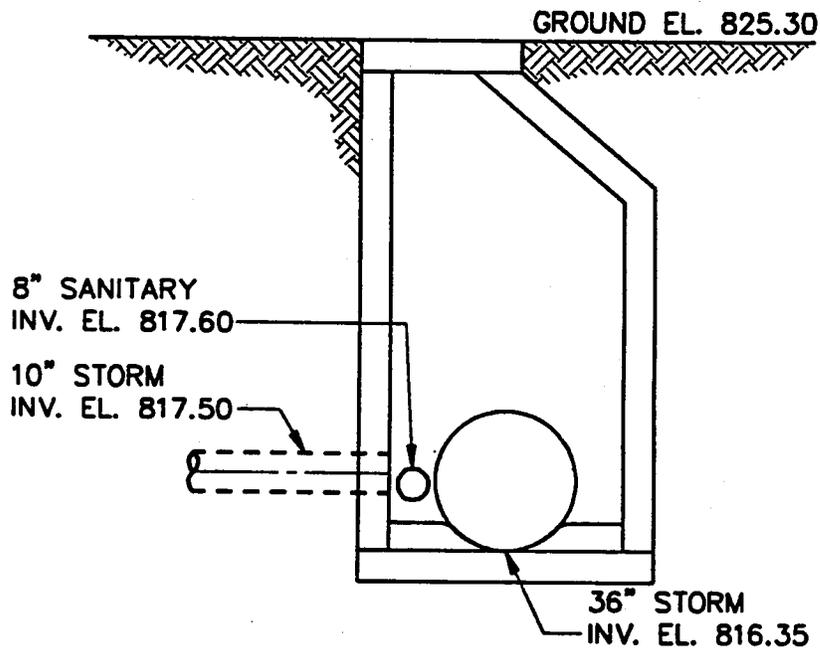
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REFERENCE SHT. NO. G-6		SOUTH BROAD ST. AND WINDING ST.	
CITY OF LANCASTER WATER POLLUTION CONTROL DEPARTMENT WASTEWATER COLLECTION SYSTEM		COMBINED SEWER OVERFLOW STRUCTURE 1007C PLAN AND SECTION	
		COPYRIGHT © 1996 MALCOLM PIRNIE, INC.	
		FIGURE NO. 18	



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

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REFERENCE SHT. NO. G-6

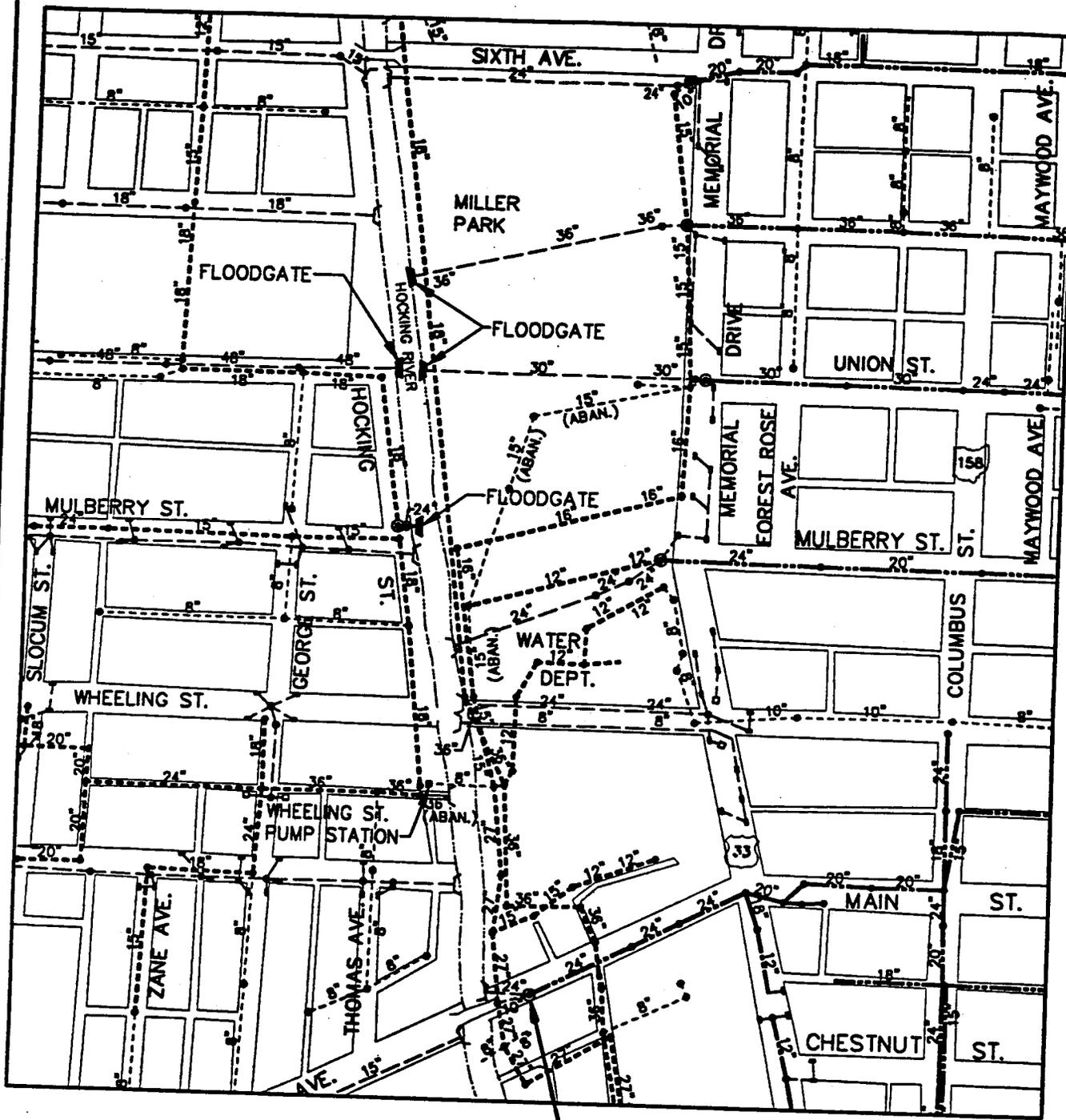
SOUTH BROAD ST. AND SOUTH COLUMBUS ST

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1007D
PLAN AND SECTION

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FIGURE NO. 20



OVERFLOW
LOCATION
CSO 1008

REFERENCE SHT. NO. G-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

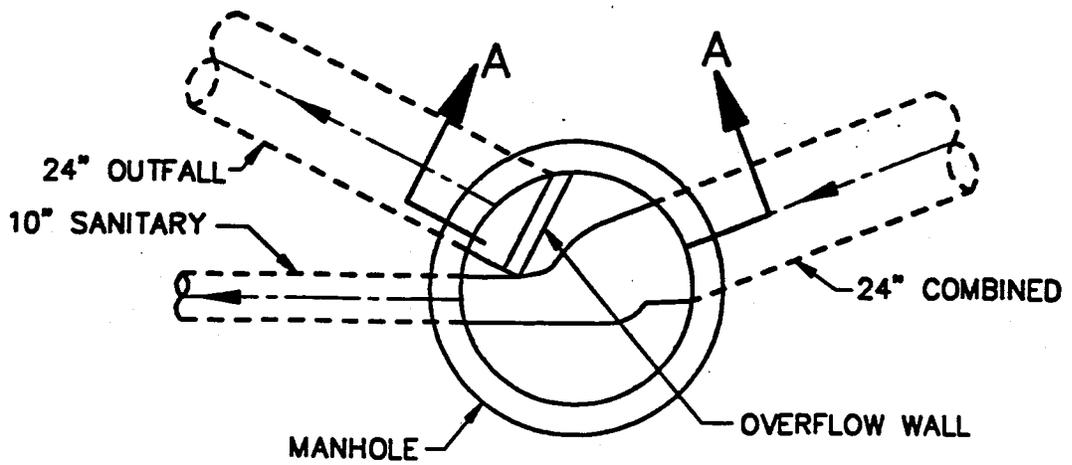
COMBINED SEWER OVERFLOW
STRUCTURE 1008
LOCATION PLAN

SCALE: 1" = 400'

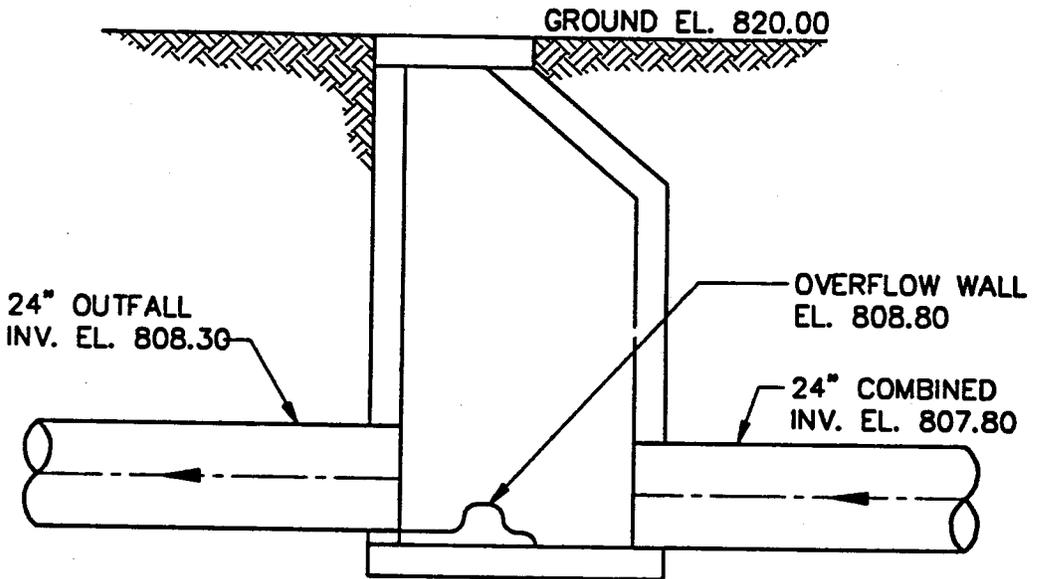
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FIGURE NO. 21

3072 : 060321278 V:\060321278\060321278.DWG SCALE: 1:11/04/71, 1997 at 11:29



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH3 SCALE: 1:11 04/10, 1997 at 16:07

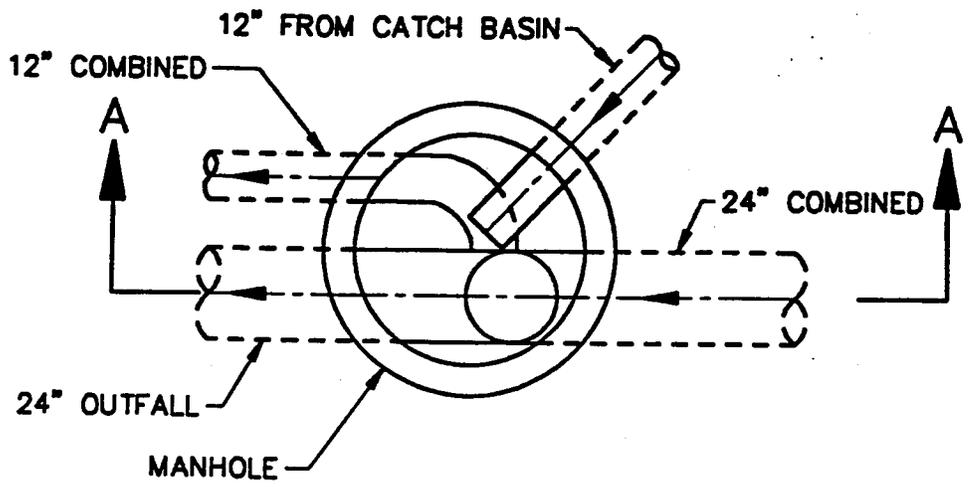
REFERENCE SHT. NO. G-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

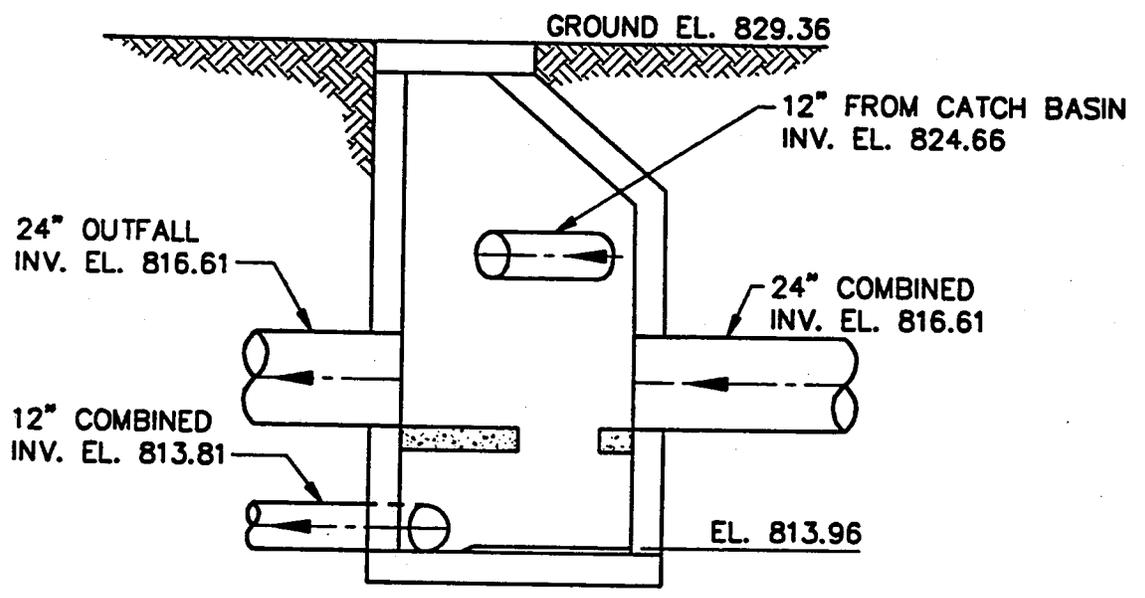
COMBINED SEWER OVERFLOW
STRUCTURE 1008
PLAN AND SECTION

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FIGURE NO. 22



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH4 SCALE: 1:11 04/11, 1997 at 07:00

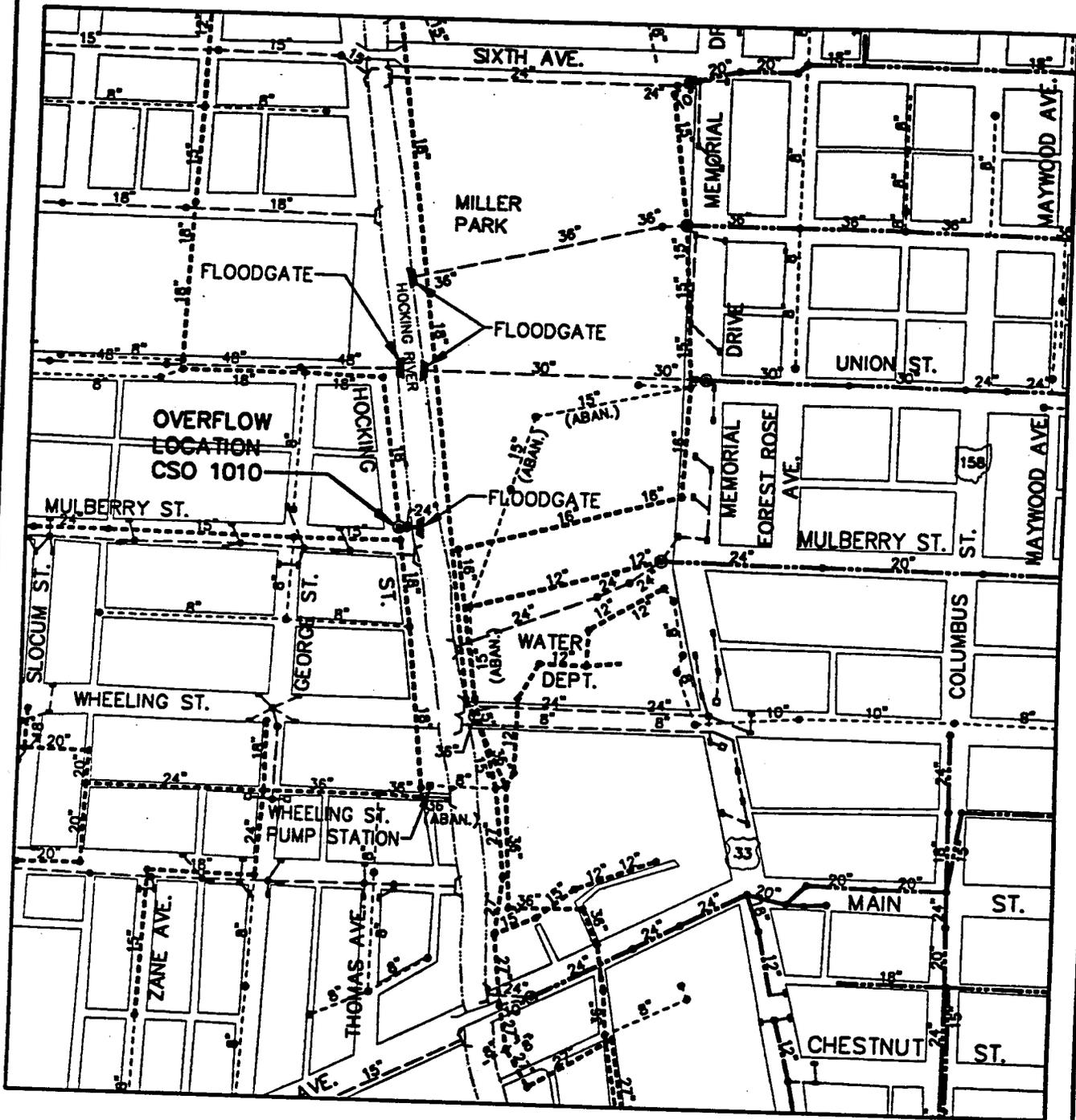
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1009
PLAN AND SECTION

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FIGURE NO. 24



REFERENCE SHT. NO. G-5

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

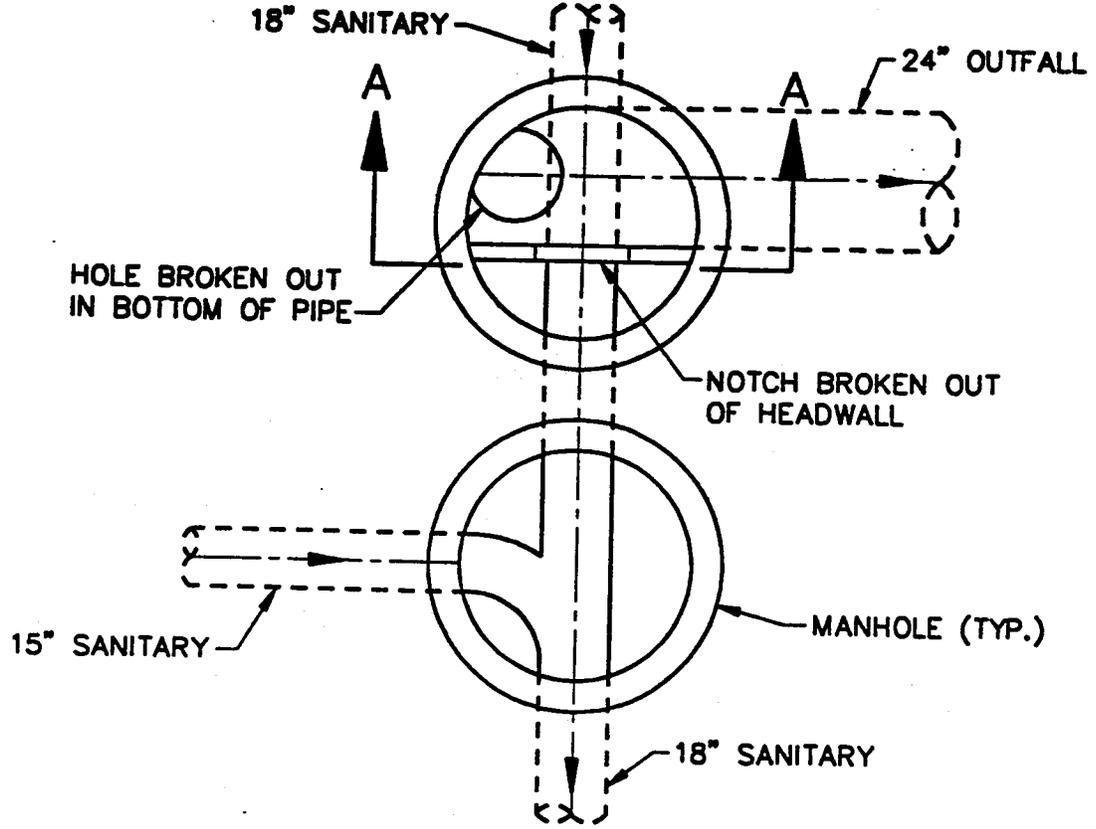
COMBINED SEWER OVERFLOW
 STRUCTURE 1010
 LOCATION PLAN

SCALE: 1" = 400'

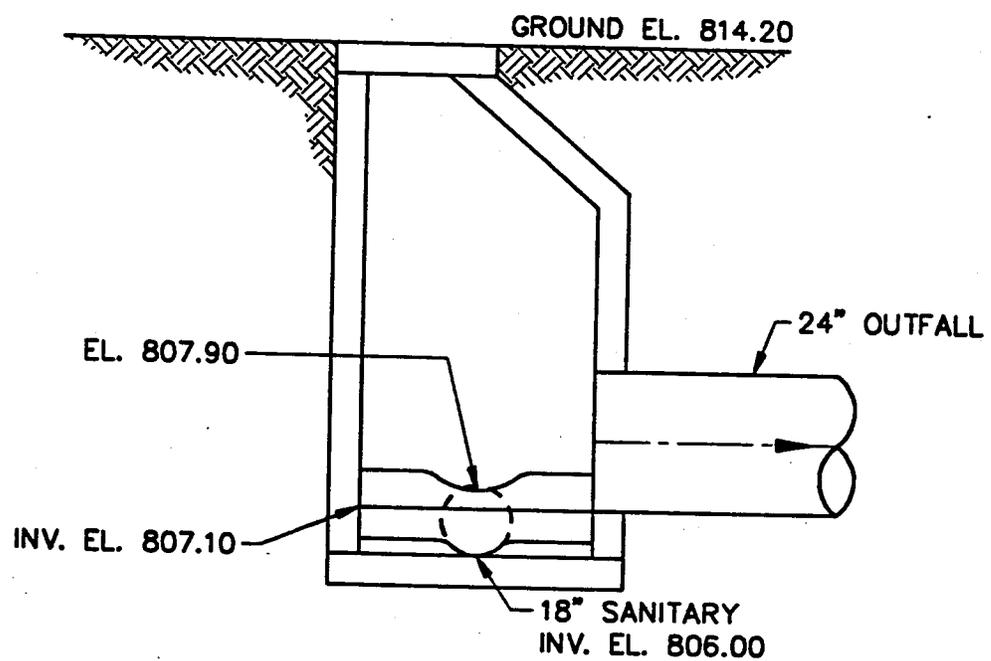
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FIGURE NO. 25

3872 : 000001270_V0004001001\PROJECT00A SCALE: 1:200 04/01, 1997 at 11:40



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3672 : 0491028127\D:\PROJ\04910281\SKETCH5 SCALE: 1:11 04/11, 1997 at 07:04

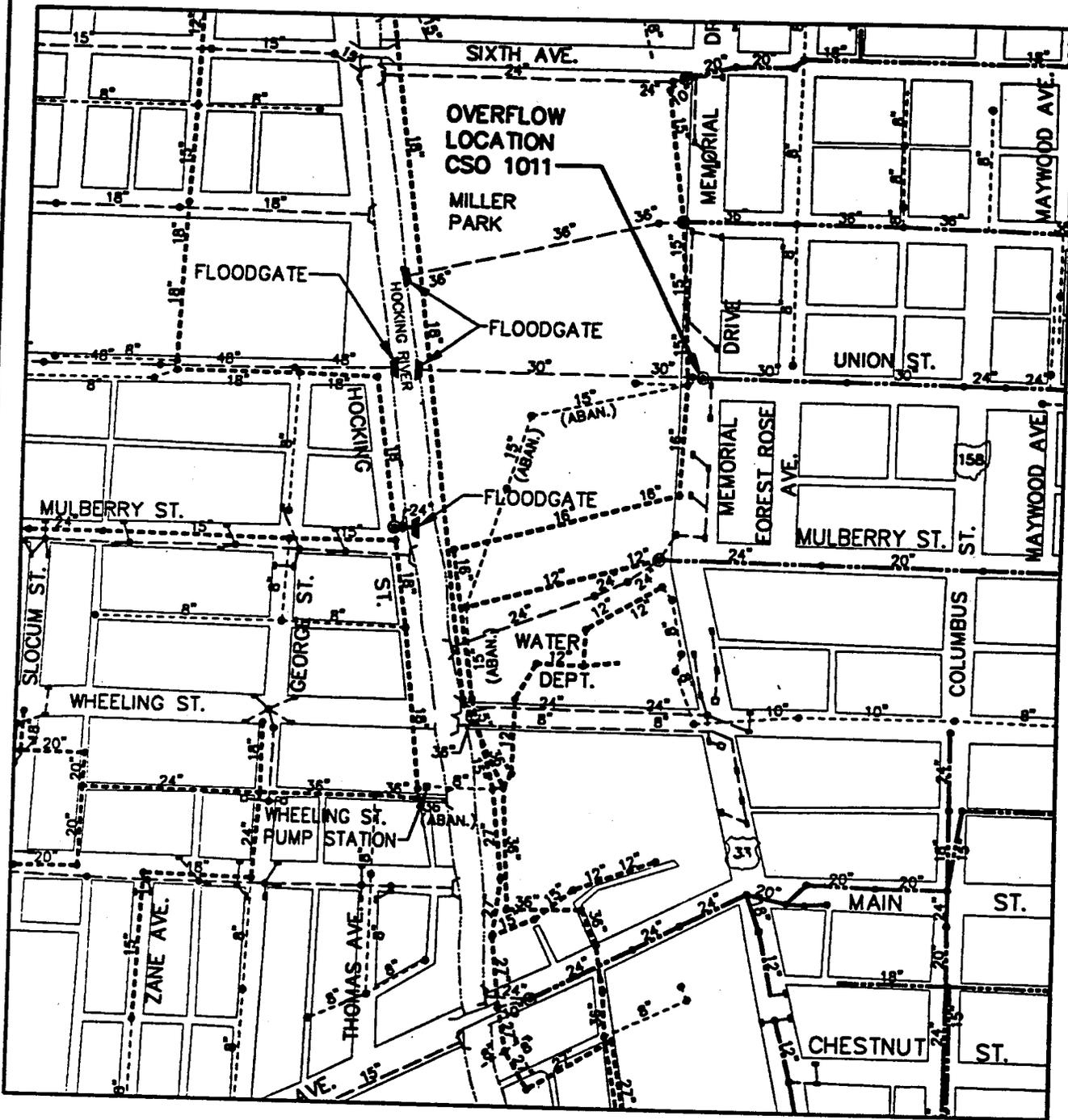
REFERENCE SHT. NO. G-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1010
PLAN AND SECTION

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FIGURE NO. 26



REFERENCE SHT. NO. G-6

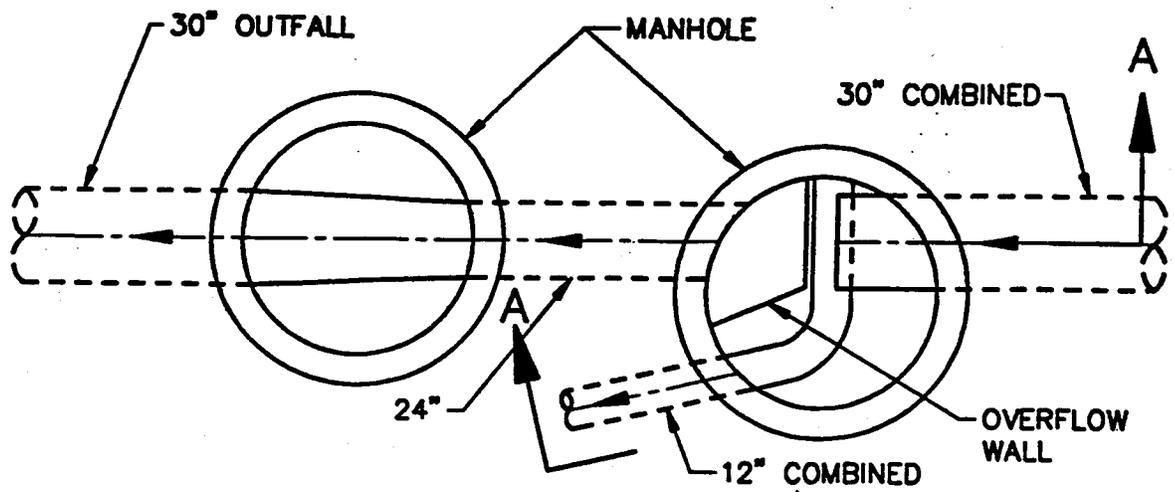
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1011
 LOCATION PLAN

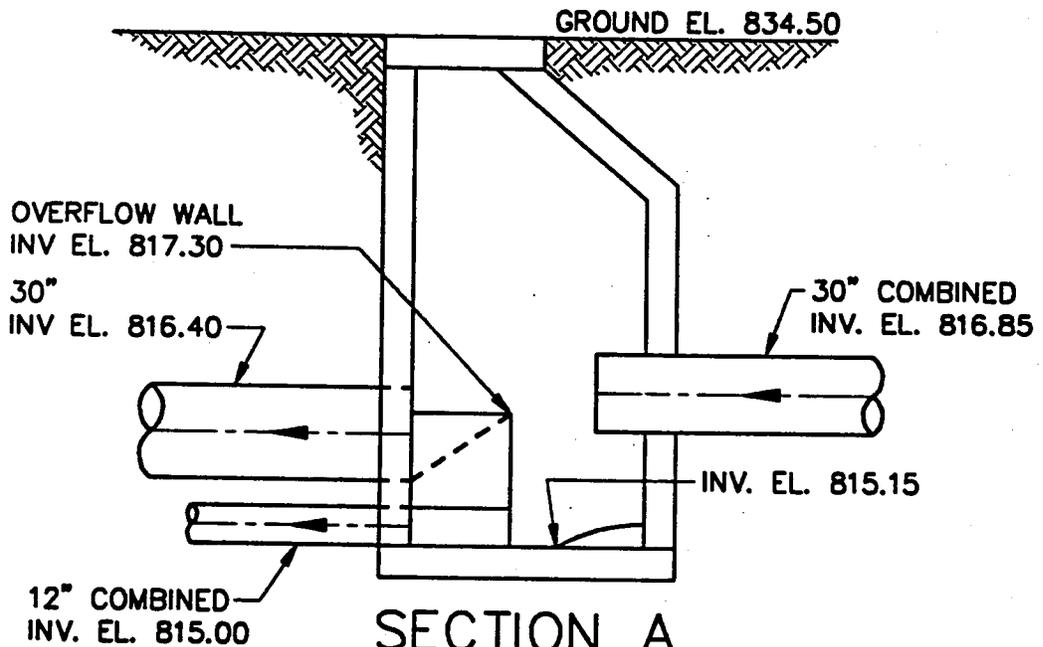
SCALE: 1" = 400'

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FIGURE NO. 27



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH6B SCALE: 1:11 04/11, 1997 at 07:17

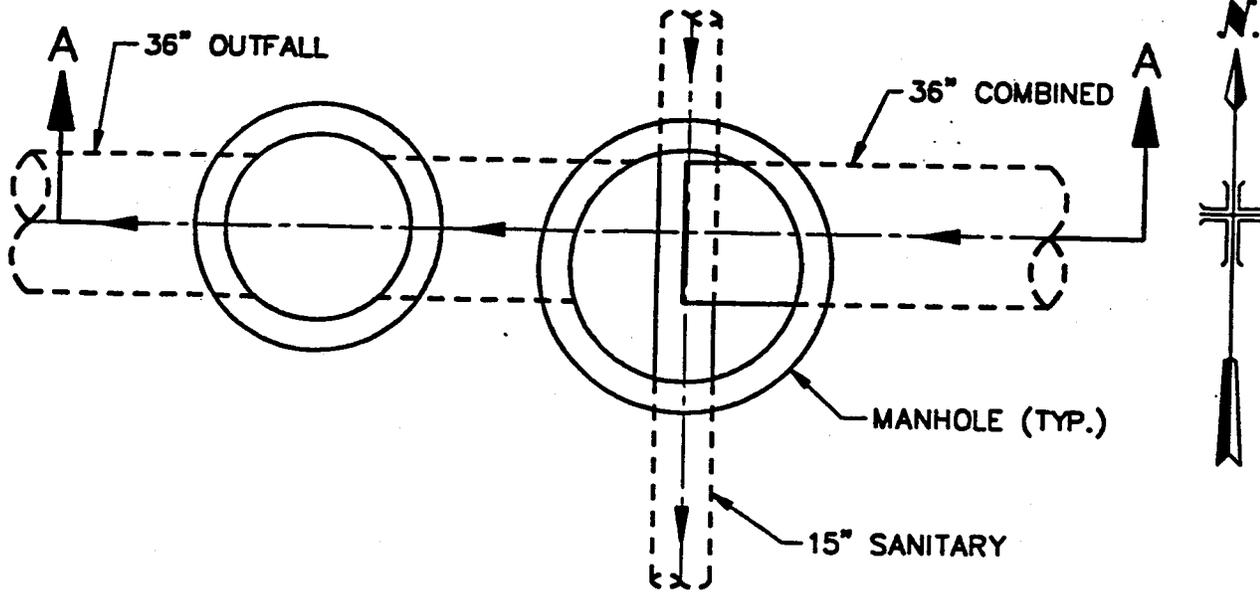
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

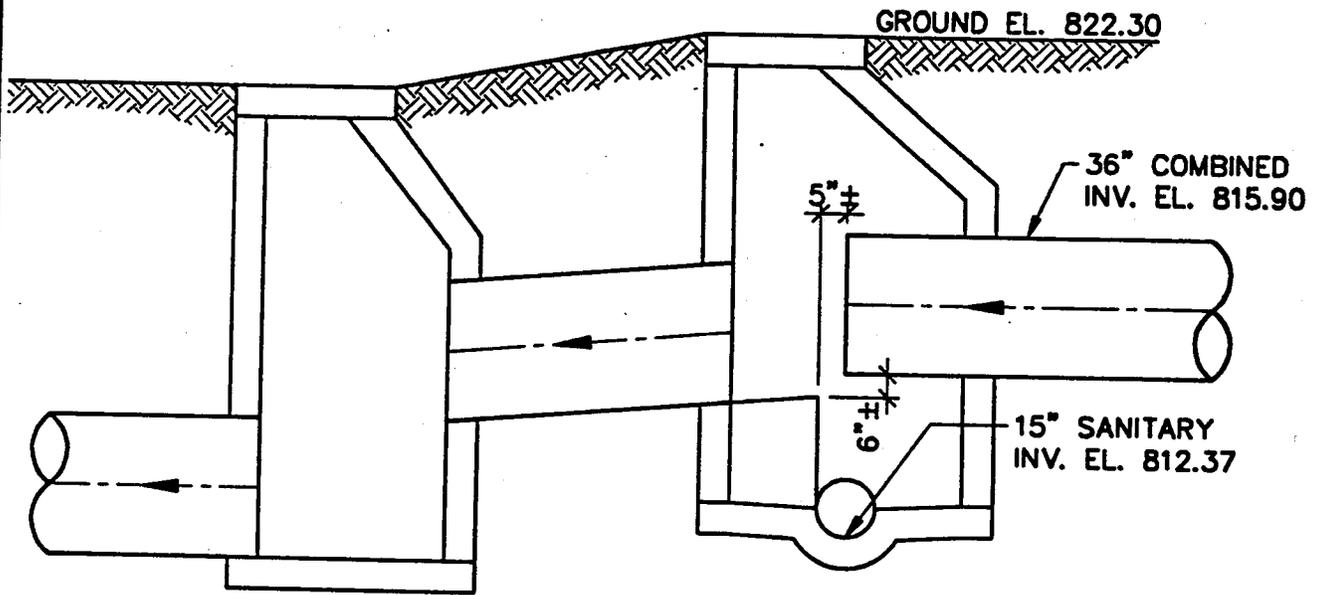
COMBINED SEWER OVERFLOW
STRUCTURE 1011
PLAN AND SECTION

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FIGURE NO. 28



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH22 SCALE: 1:11 04/11, 1997 at 07:21

REFERENCE SHT. NO. F-6

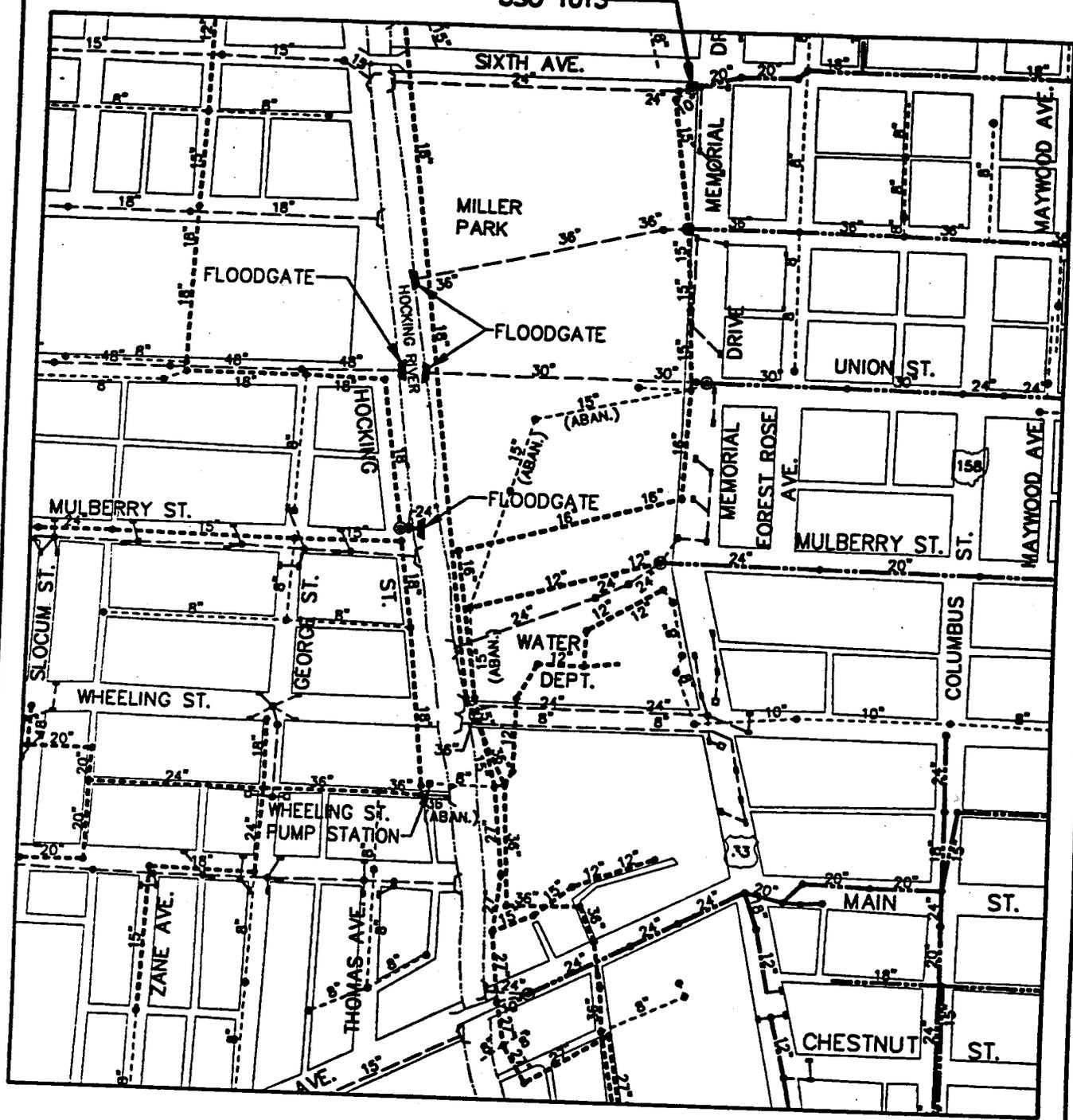
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1012
PLAN AND SECTION

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FIGURE NO. 30

OVERFLOW
LOCATION
CSO 1013



REFERENCE SHT. NO. F-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

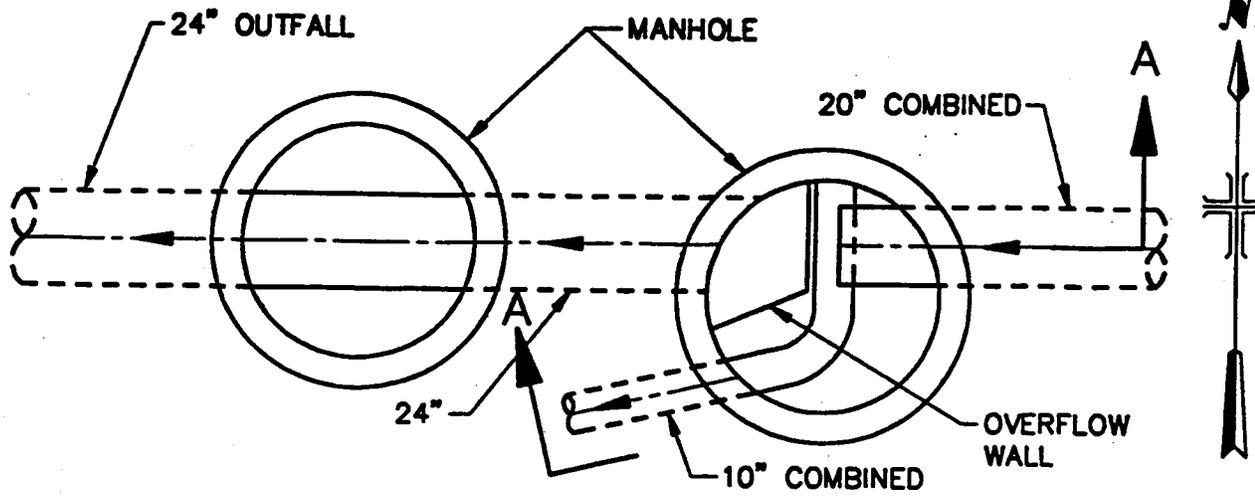
COMBINED SEWER OVERFLOW
STRUCTURE 1013
LOCATION PLAN

SCALE: 1" = 400'

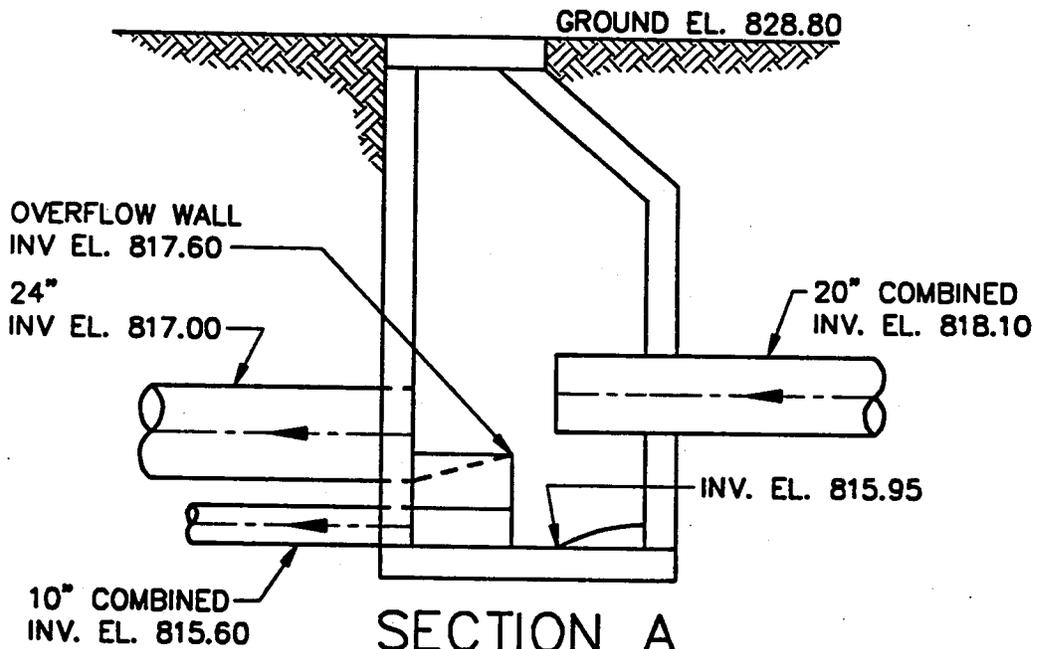
COPYRIGHT © 1996
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FIGURE NO. 31

2025 : 00000012745 V:\m\0400251\PROJECTS\SCALE: 1:200 04/11/1997 at 12:28



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3672 : 0491028127\D:\PROJ\04910281\SKETCH7 SCALE: 1:11 04/11, 1997 at 07:23

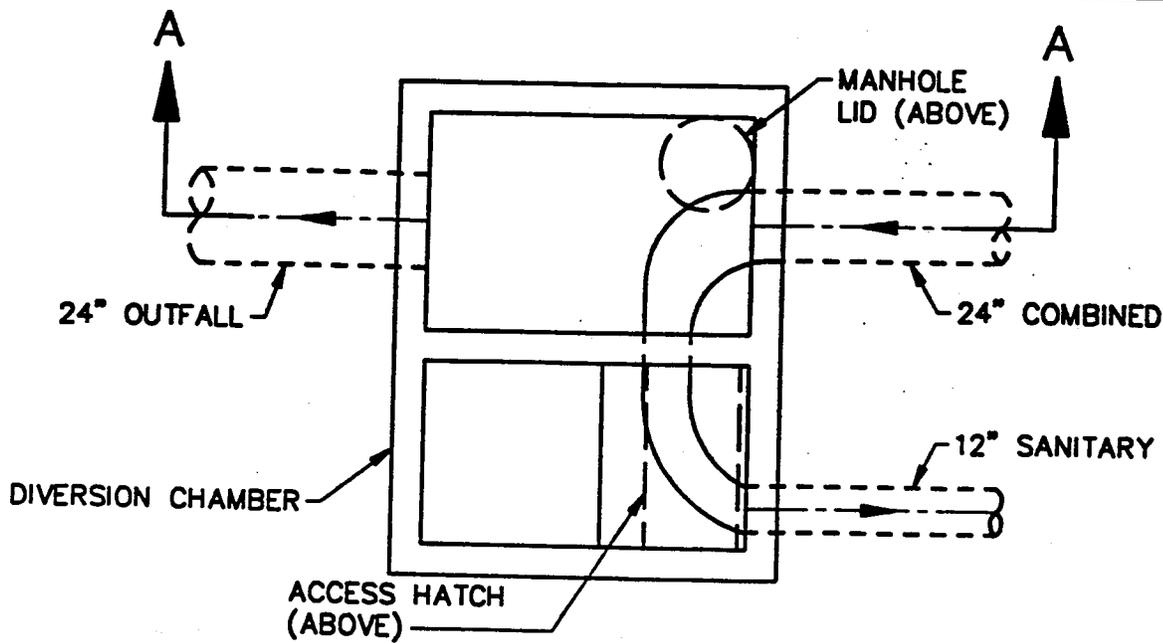
REFERENCE SHT. NO. F-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

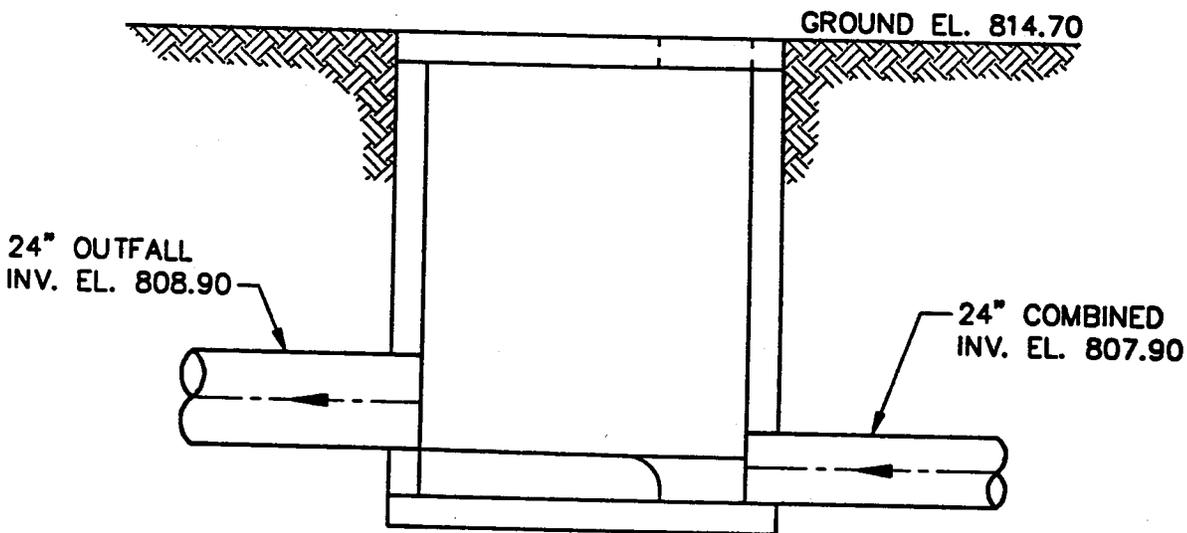
COMBINED SEWER OVERFLOW
STRUCTURE 1013
PLAN AND SECTION

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FIGURE NO. 32



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH24 SCALE: 1:11 04/11, 1997 at 07:26

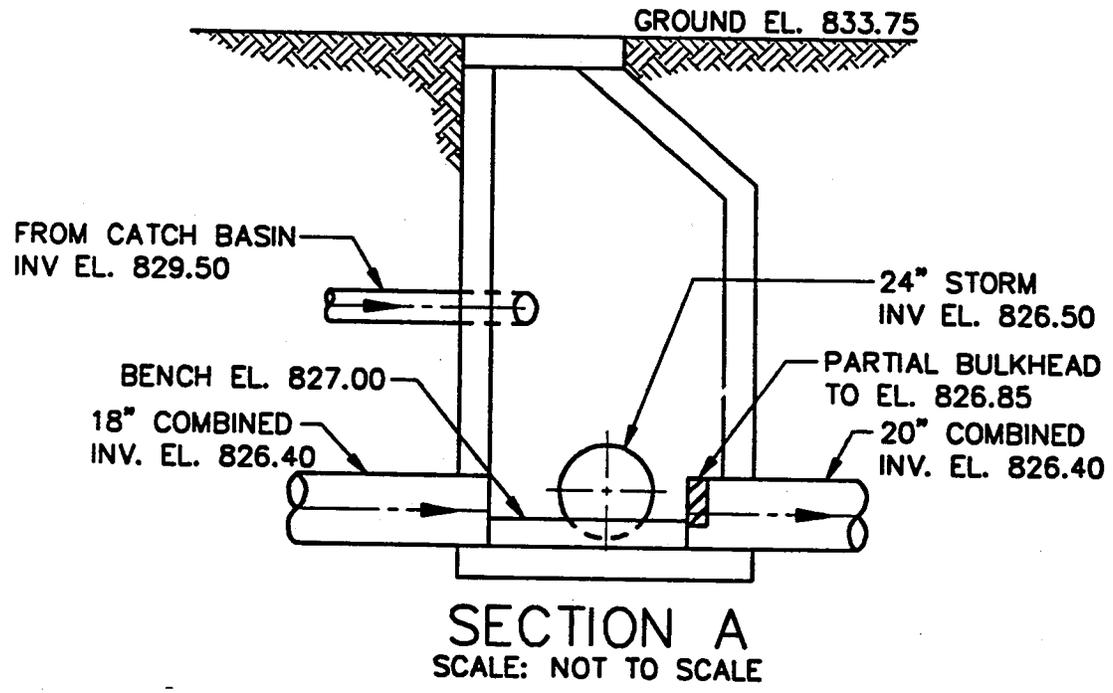
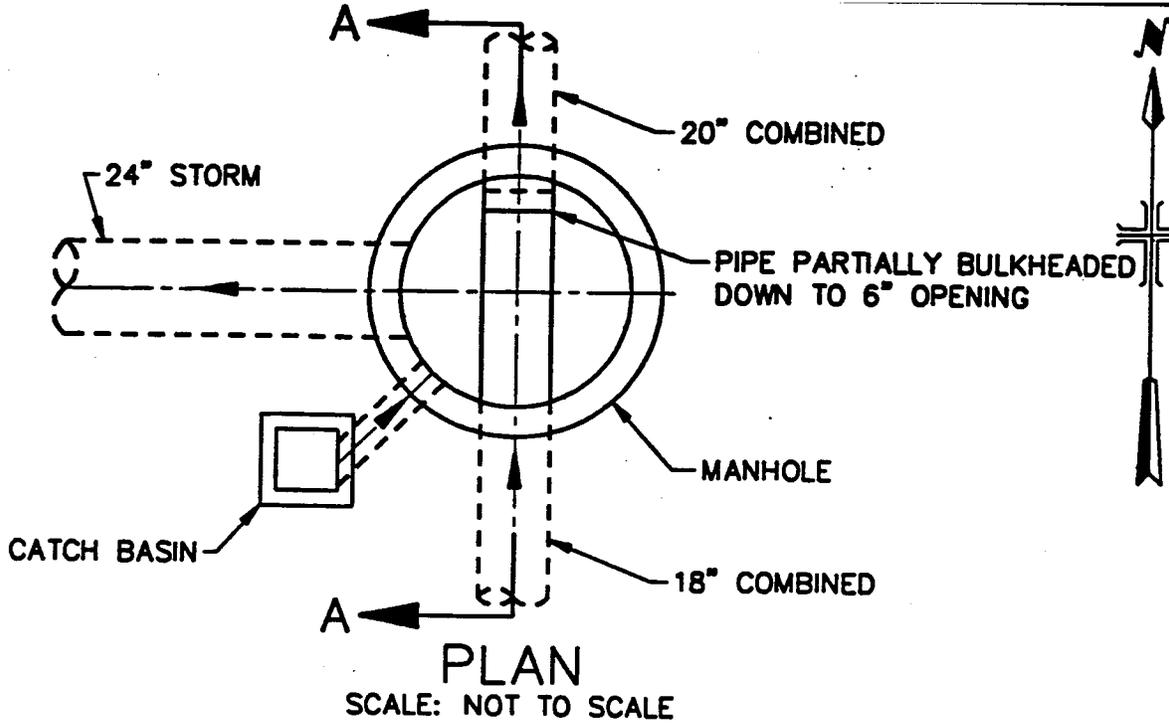
REFERENCE SHT. NO. F-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1014
PLAN AND SECTION

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FIGURE NO. 34



3872 : 0491028127\D:\PROJ\04910281\SKETCH8 SCALE: 1:11 04/11, 1997 at 07:29

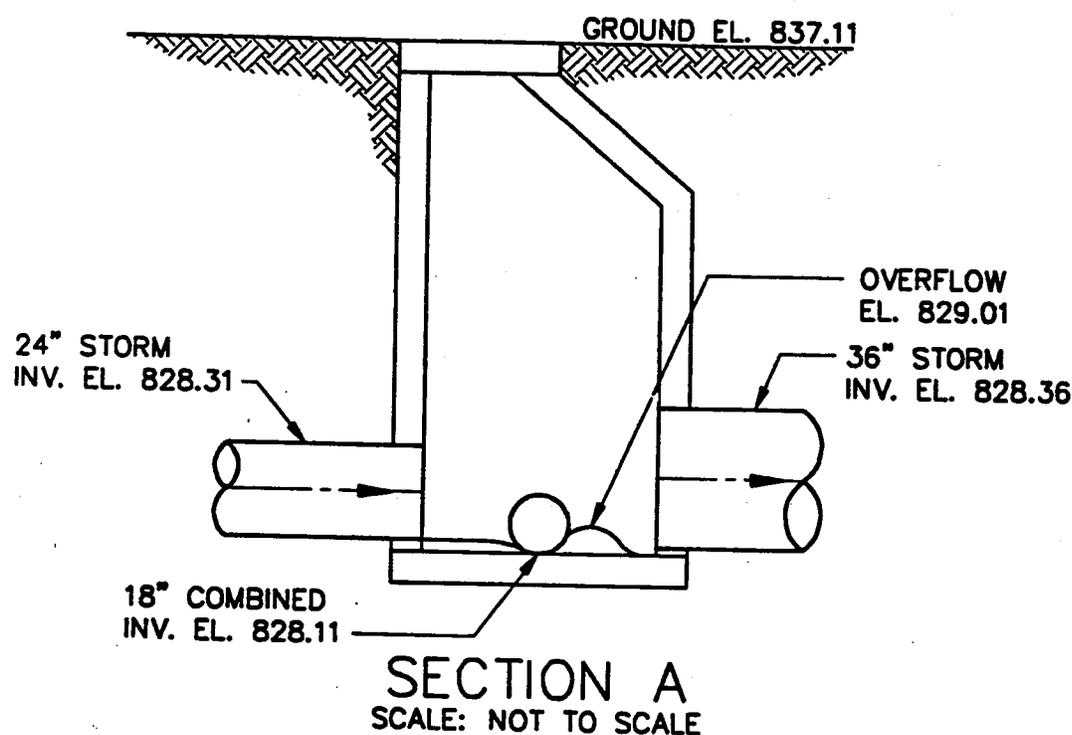
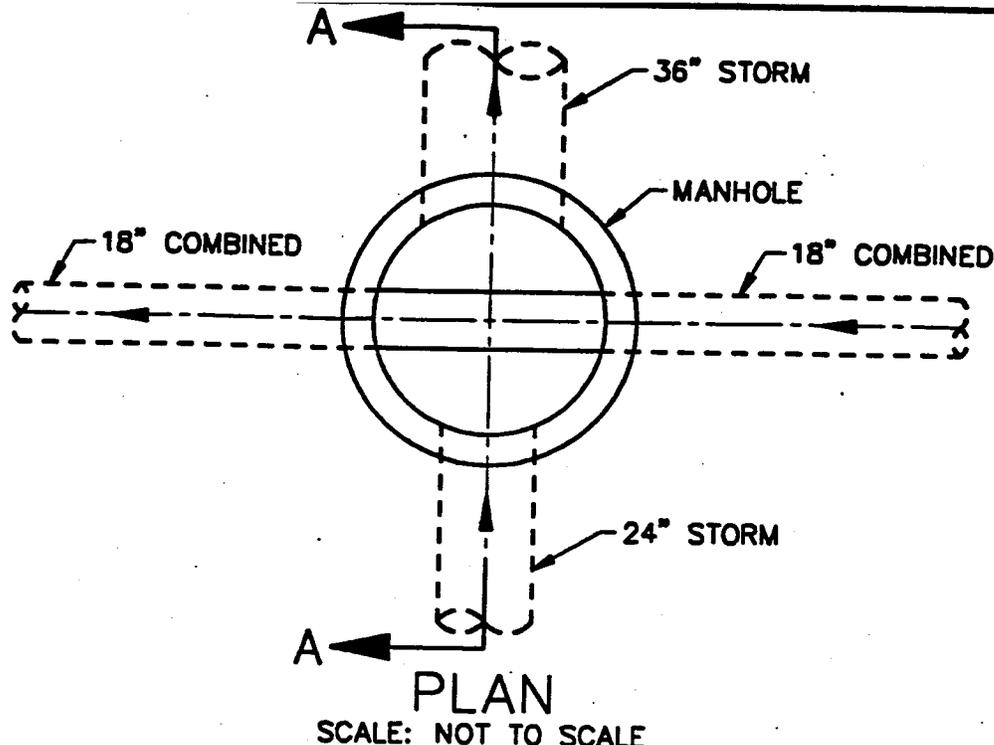
REFERENCE SHT. NO. F-6

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1015
 PLAN AND SECTION

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FIGURE NO. 36



3872 : 0491028127\D:\PROJ\04910281\SKETCH9 SCALE: 1:11 04/11, 1997 at 07:34

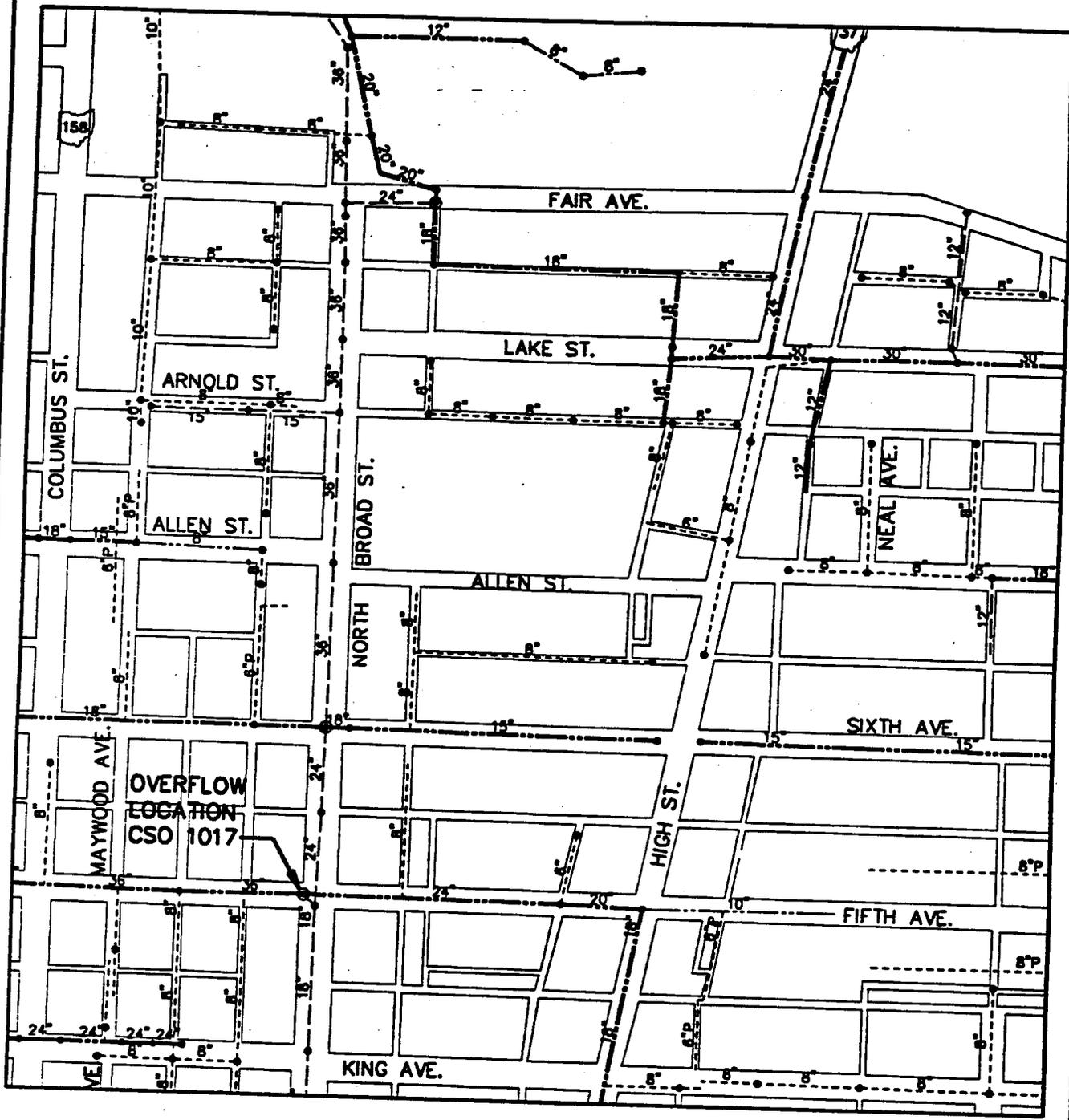
REFERENCE SHT. NO. F-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1016
PLAN AND SECTION

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FIGURE NO. 38



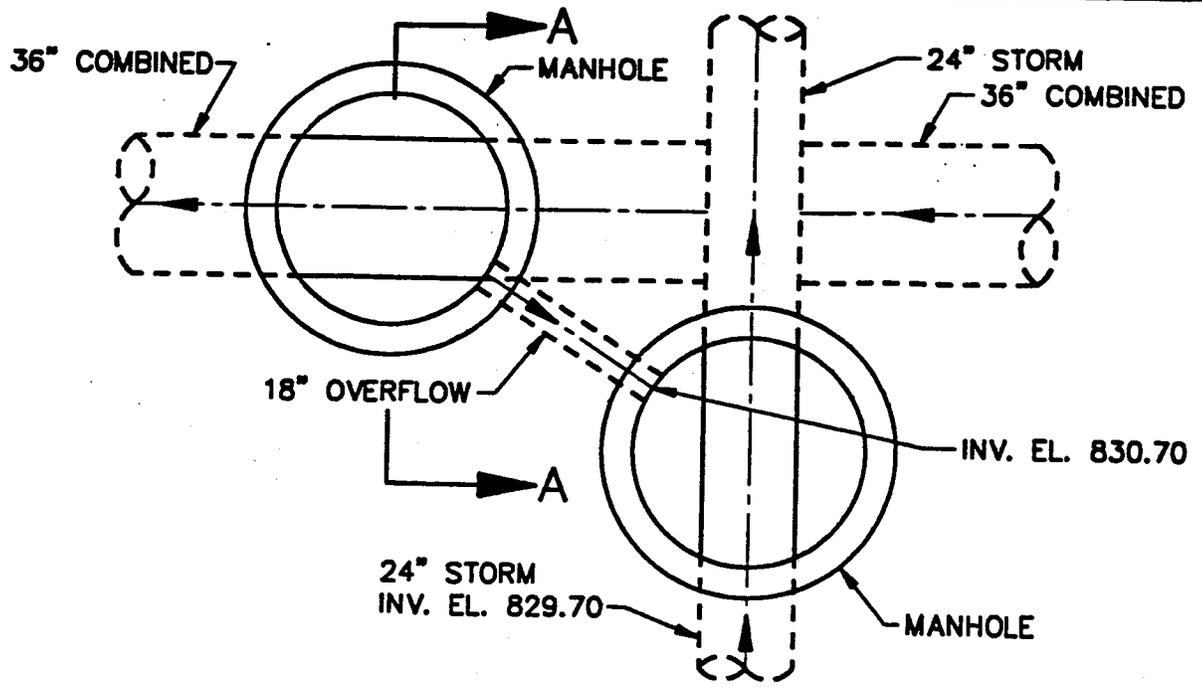
REFERENCE SHT. NO. F-6

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

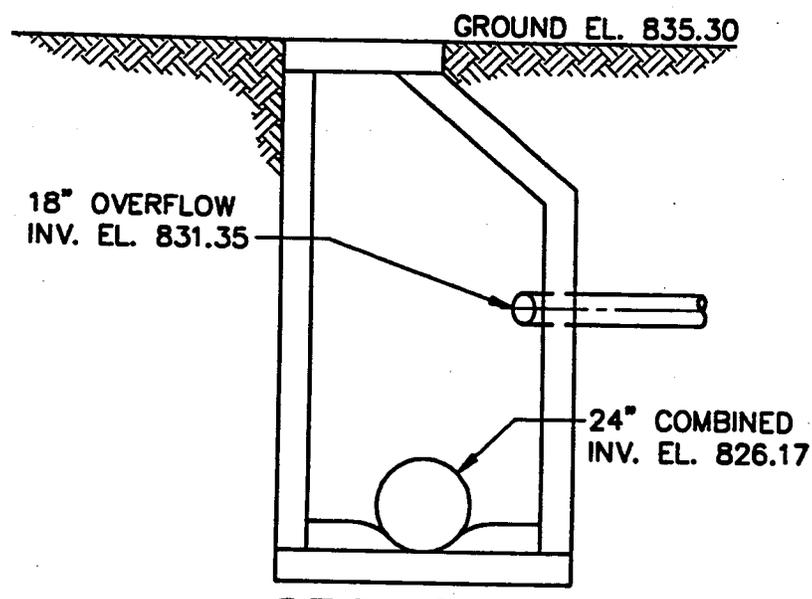
COMBINED SEWER OVERFLOW
 STRUCTURE 1017
 LOCATION PLAN

SCALE: 1" = 400'
 COPYRIGHT © 1996
 MALCOLM PIRNIE, INC.
 FIGURE NO. 39

3872 1 000001715A \PROJ\000001715\WORKSHEETS\LANCASTER SCALE: 1/8"=100' 04/11 1997 at 12:40



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

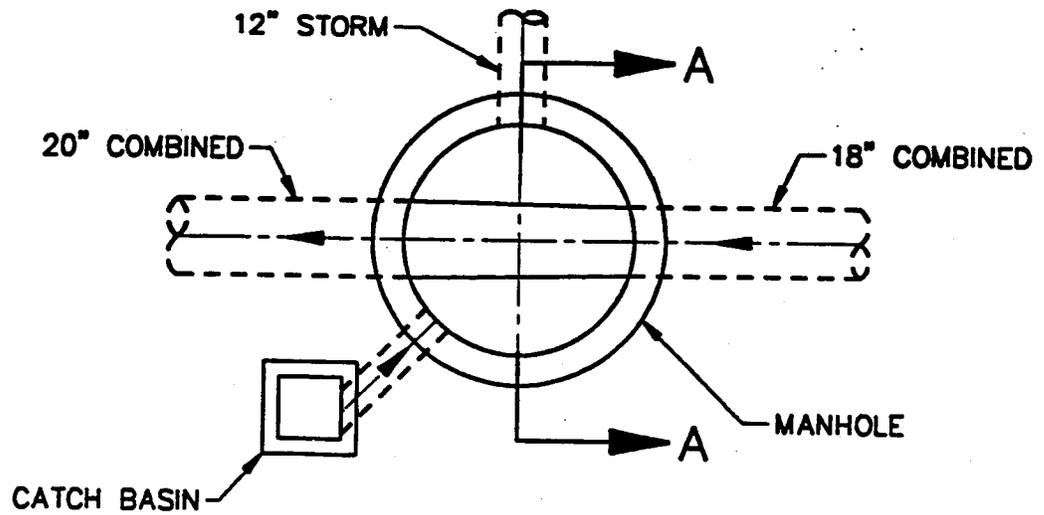
3872 : 0491028127\D:\PROJ\04910281\SKETCH10 SCALE: 1:11 04/11, 1997 at 07:38

REFERENCE SHT. NO. F-6

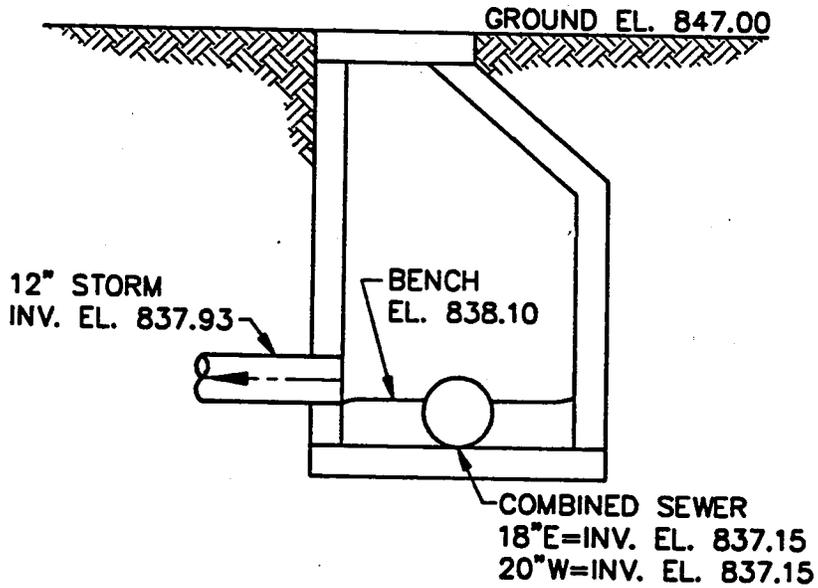
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1017
PLAN AND SECTION

COPYRIGHT © 1996
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FIGURE NO. 40



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH11 SCALE: 1:11 04/11, 1997 at 07:42

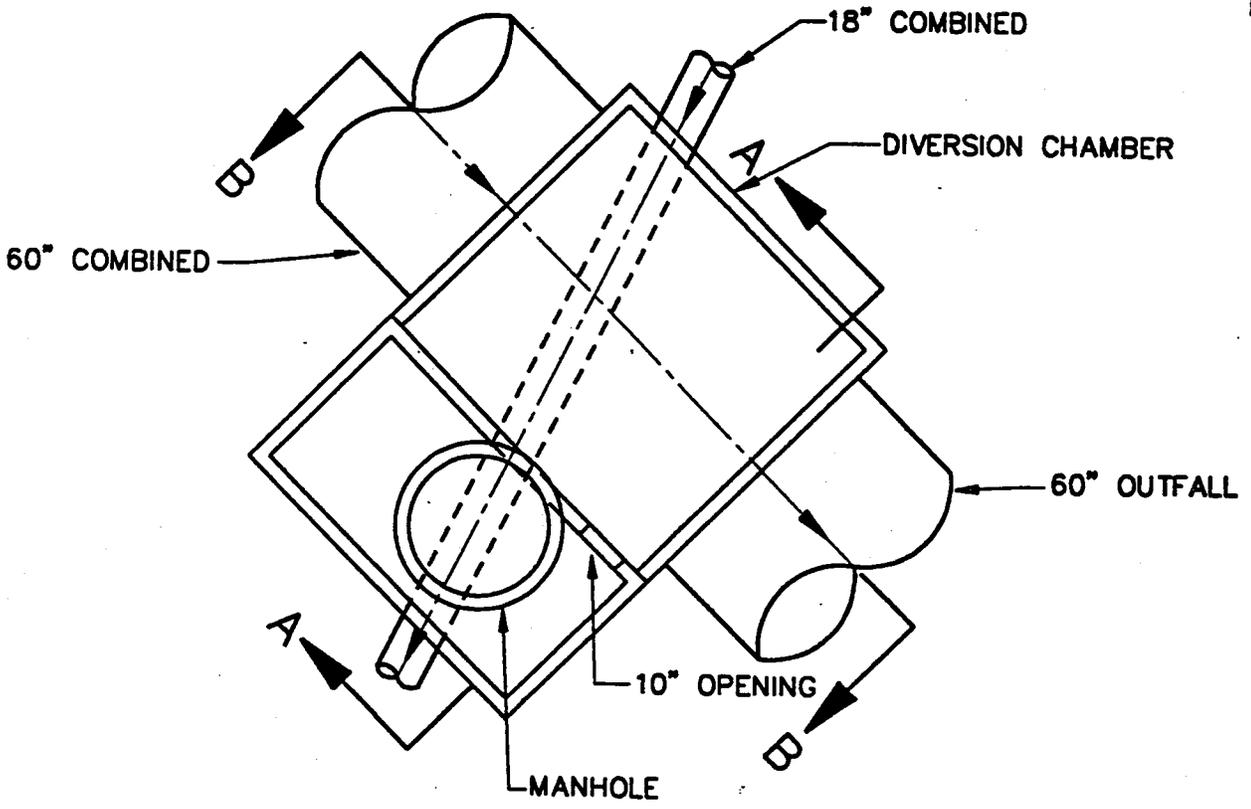
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1018
PLAN AND SECTION

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FIGURE NO. 42



PLAN
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH25 SCALE: 1:11 04/11, 1997 at 07:43

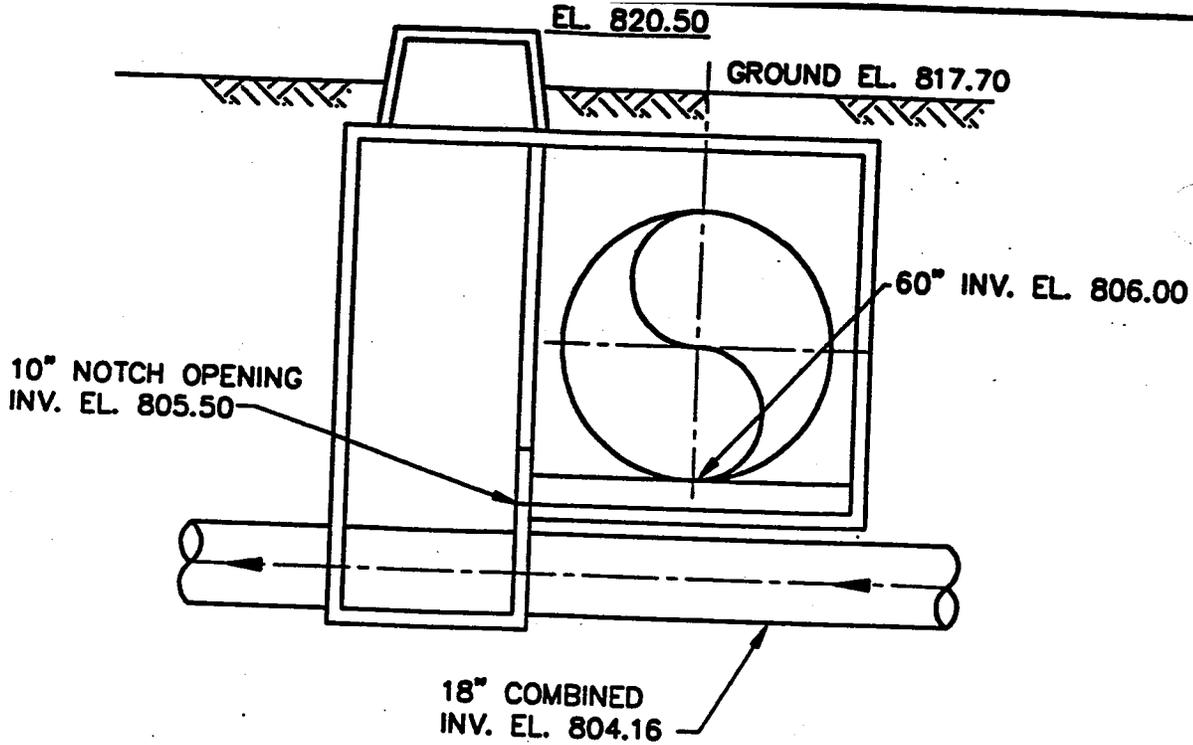
REFERENCE SHT. NO. G-7

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

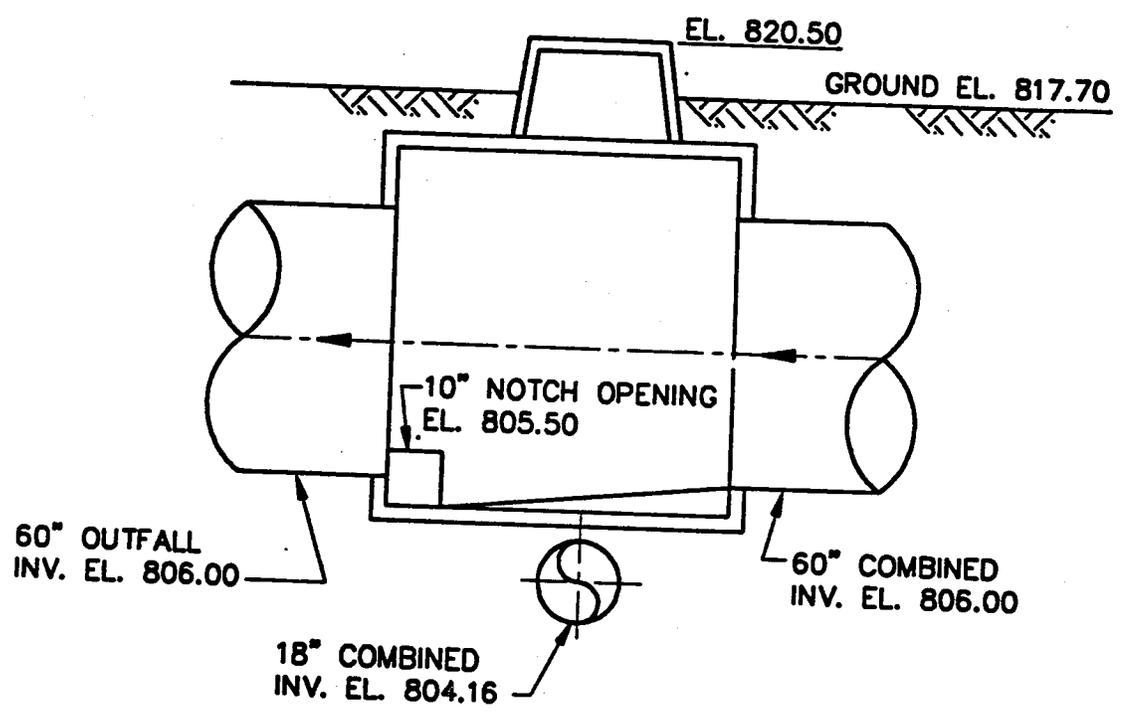
COMBINED SEWER OVERFLOW
STRUCTURE 1019
PLAN

COPYRIGHT © 1996
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FIGURE NO. 44



SECTION A
SCALE: NOT TO SCALE



SECTION B
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKECH25B SCALE: 1:11 04/11, 1997 at 07:45

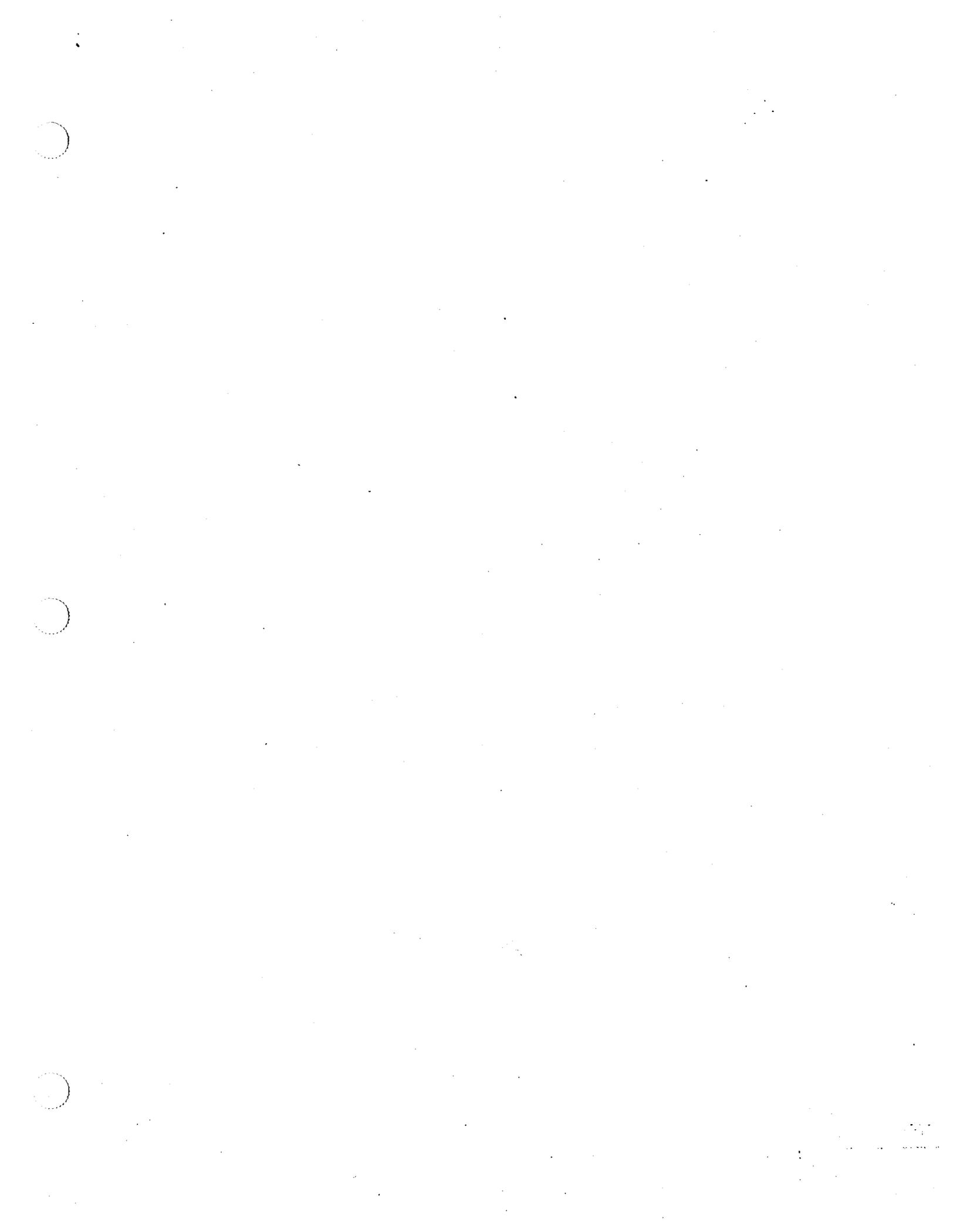
REFERENCE SHT. NO. G-7

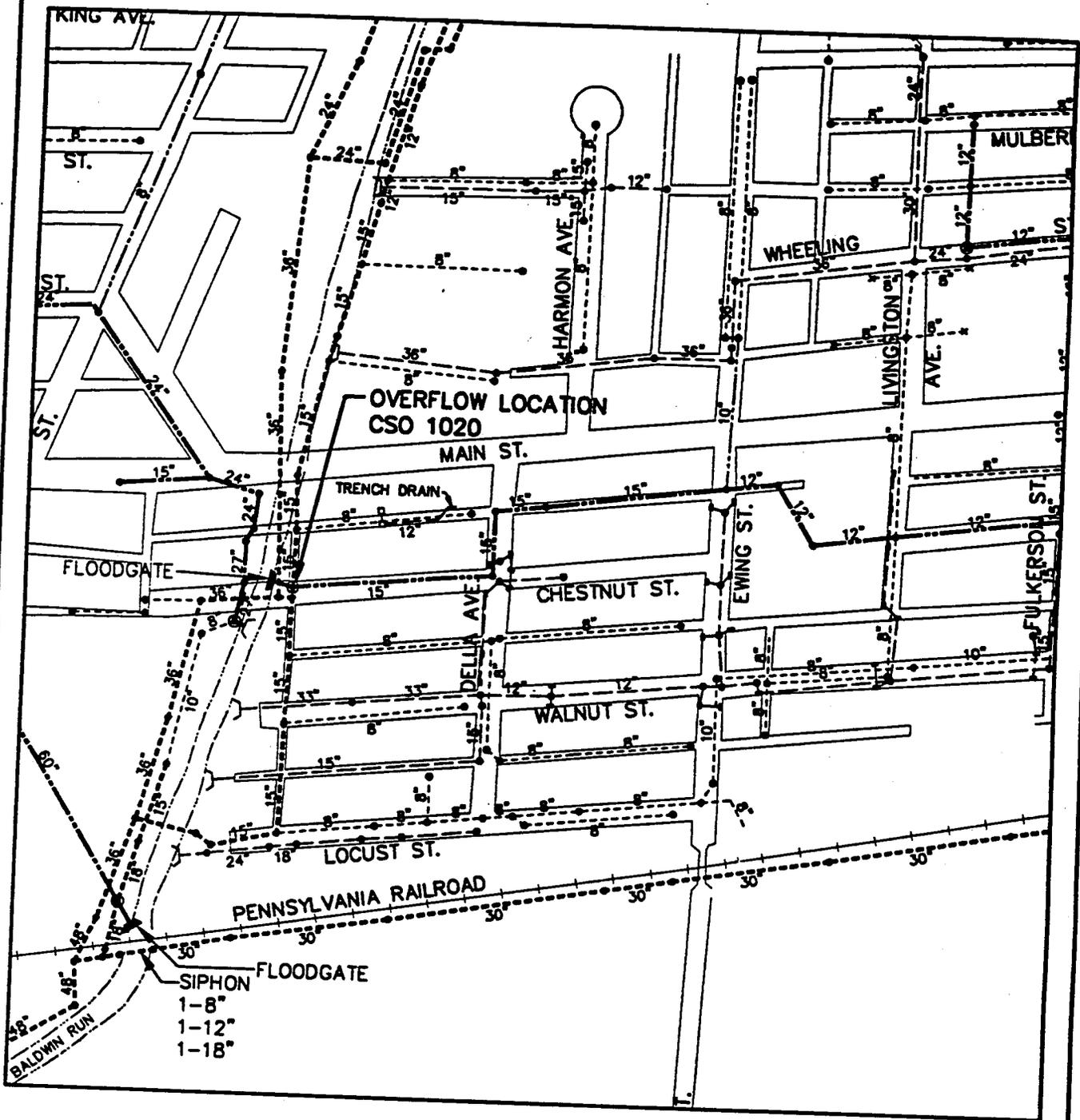
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1019
SECTIONS

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FIGURE NO. 45





REFERENCE SHT. NO. G-7

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

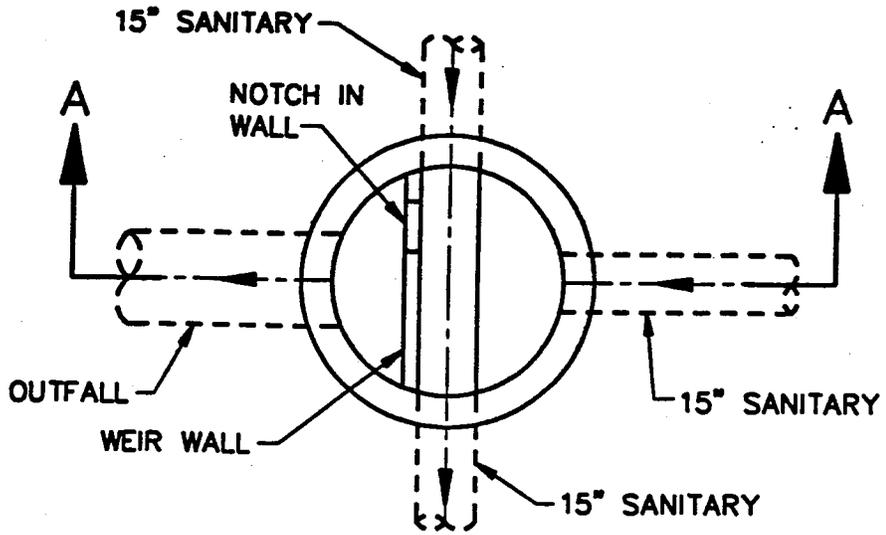
COMBINED SEWER OVERFLOW
 STRUCTURE 1020
 LOCATION PLAN

SCALE: 1" = 400'

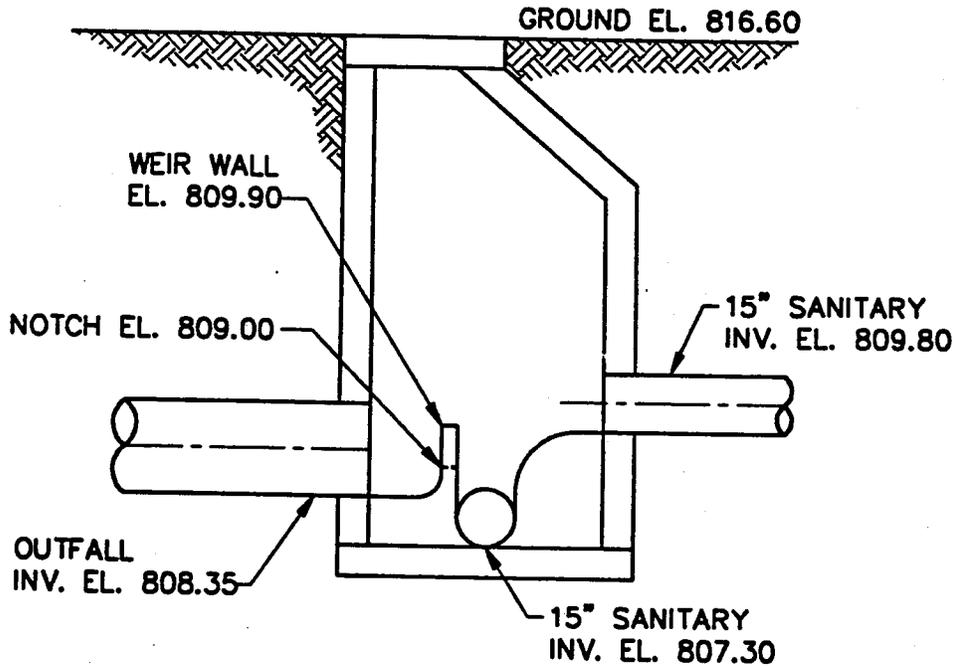
COPYRIGHT © 1996
 MALCOLM PIRNIE, INC.

FIGURE NO. 46

3071 0408021210 V:\proj\0408021210\DWG\0408021210.DWG SCALE: 1/8"=400' 04/11/1997 at 15:24



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\04910281\SKETCH26 SCALE: 1:11 04/11, 1997 at 07:47

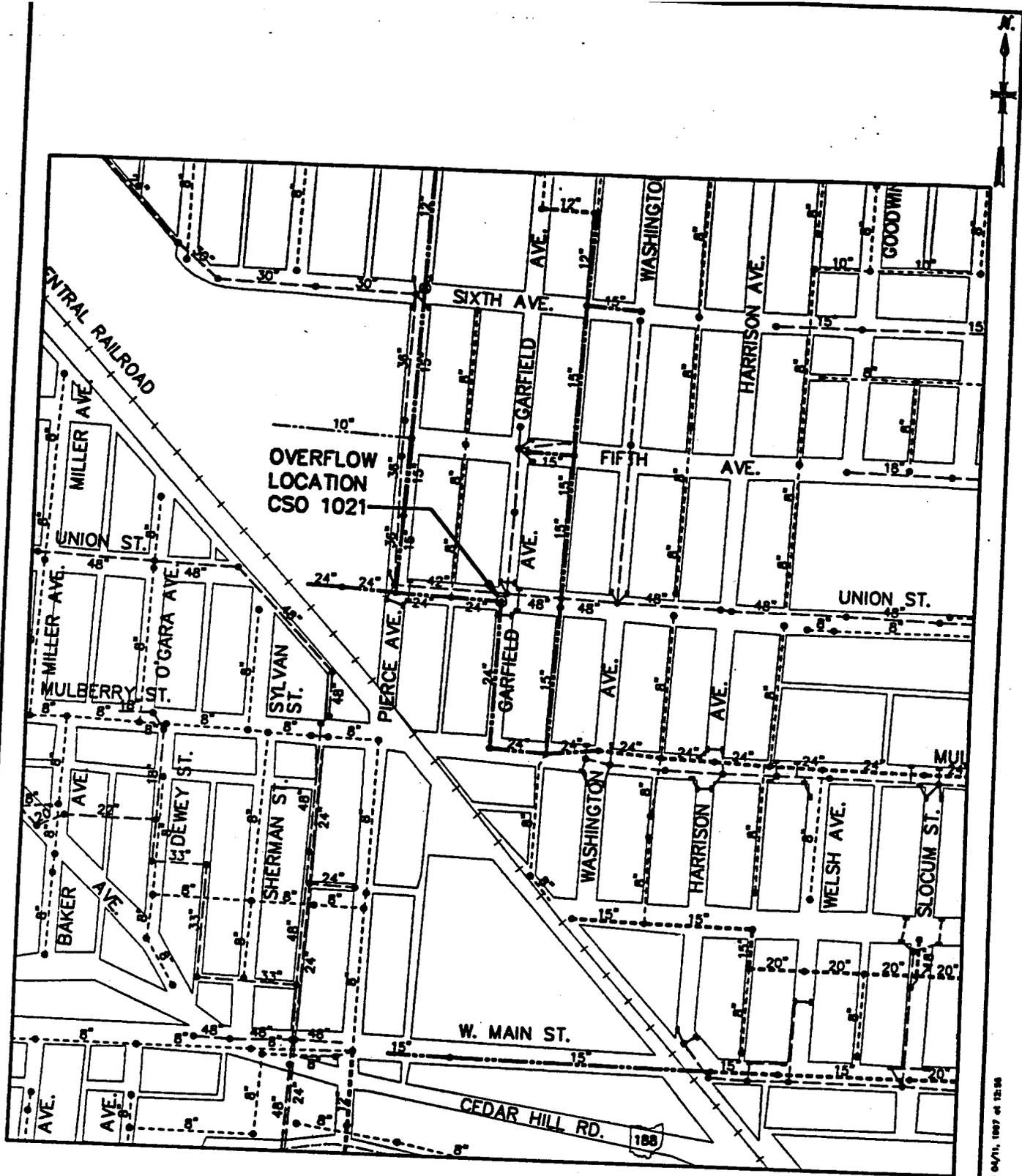
REFERENCE SHT. NO. G-7

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1020
PLAN AND SECTION

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FIGURE NO. 47



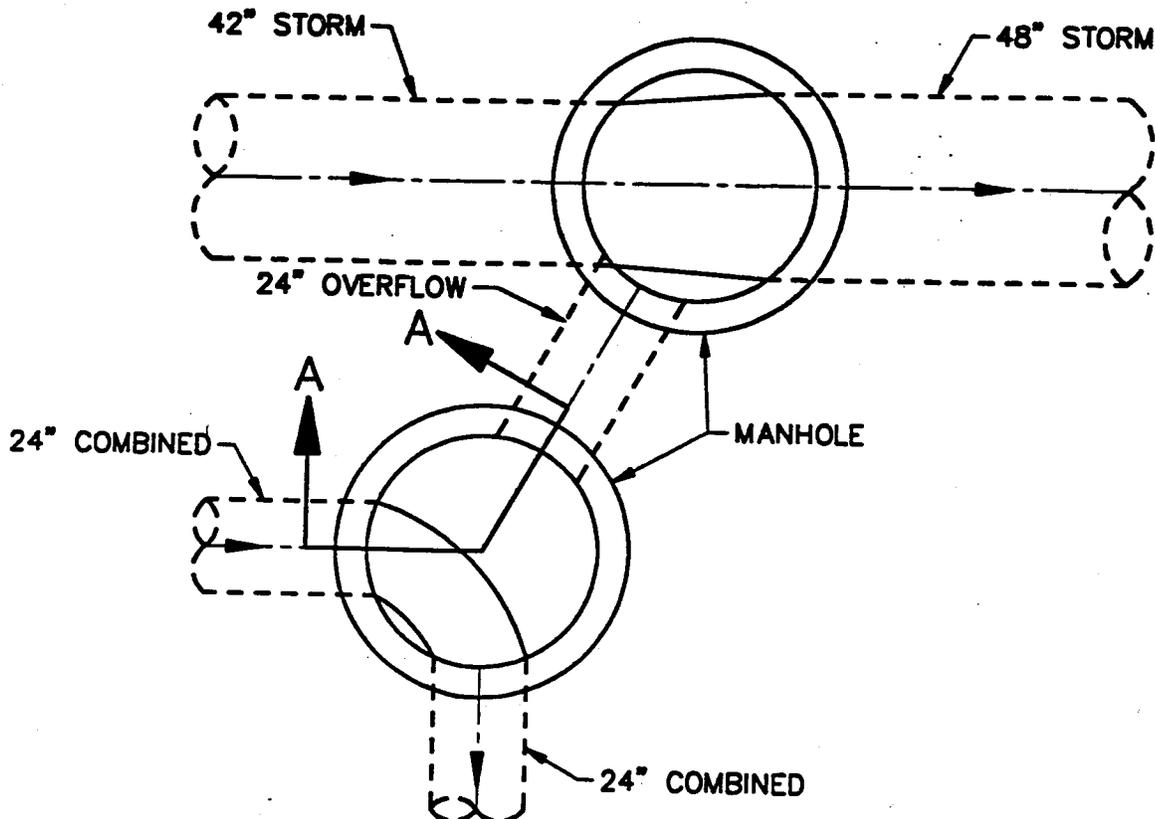
REFERENCE SHT. NO. G-5

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

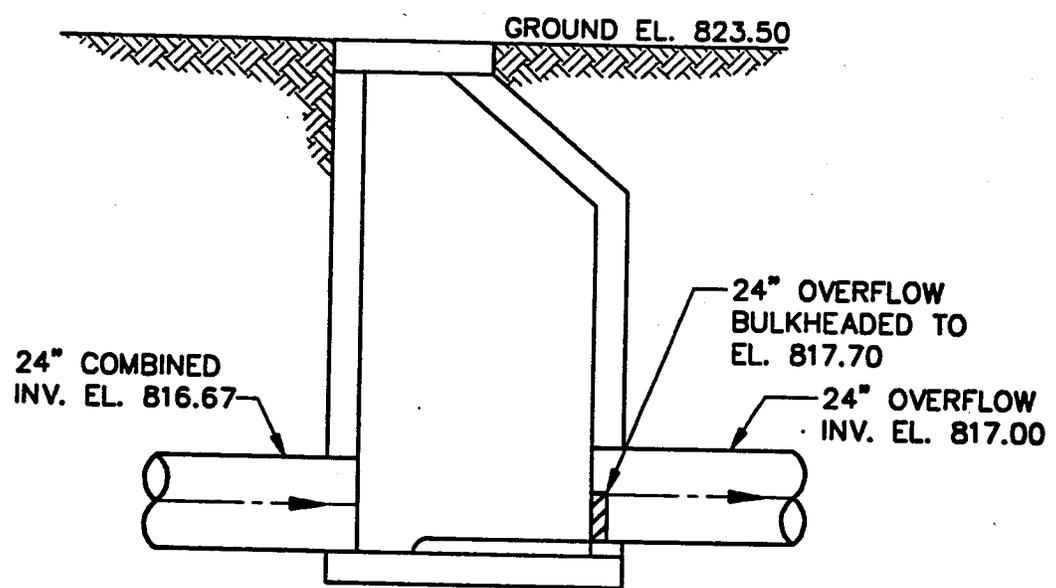
COMBINED SEWER OVERFLOW
 STRUCTURE 1021
 LOCATION PLAN

SCALE: 1" = 400'
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 FIGURE NO. 48

3871 - City of Lancaster, Pennsylvania, SCALD, 1:200 04/71, 1007 of 12:16



PLAN
SCALE: NOT TO SCALE



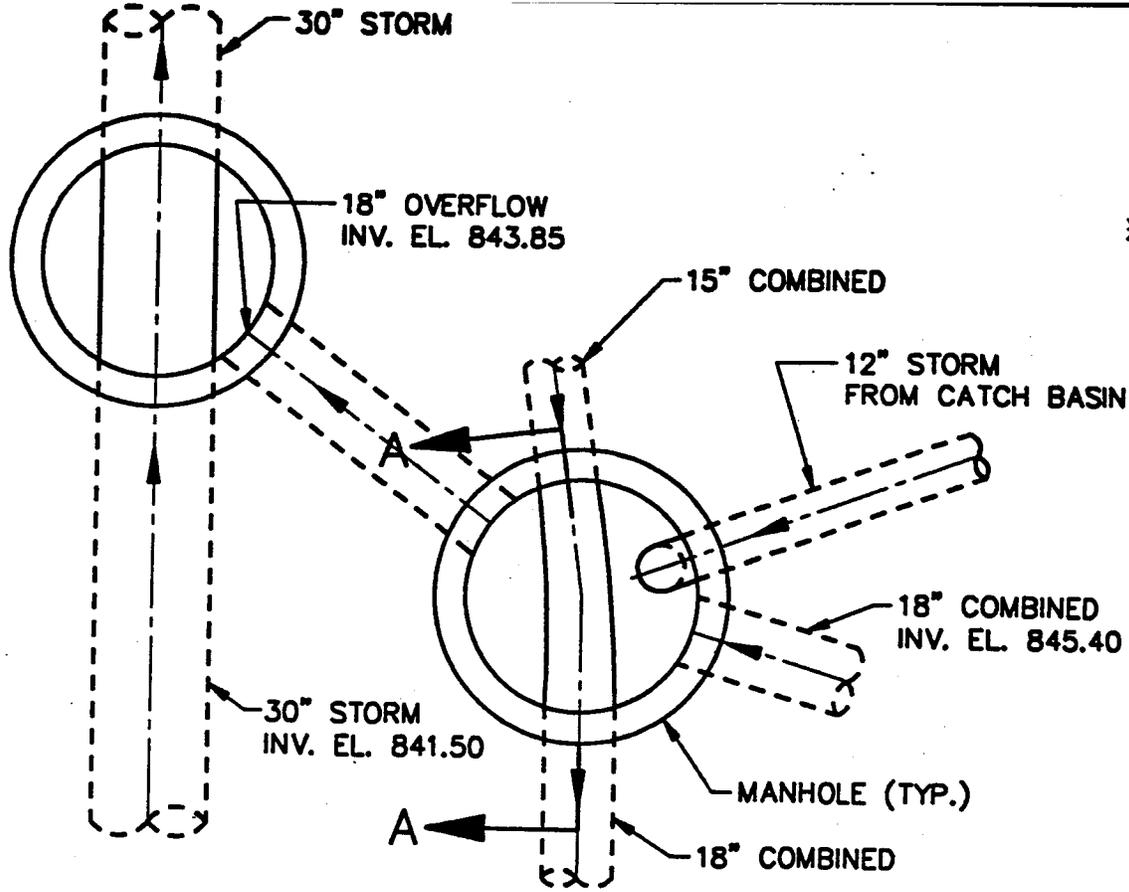
SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH12 SCALE: 1:11 04/11, 1997 at 07:49

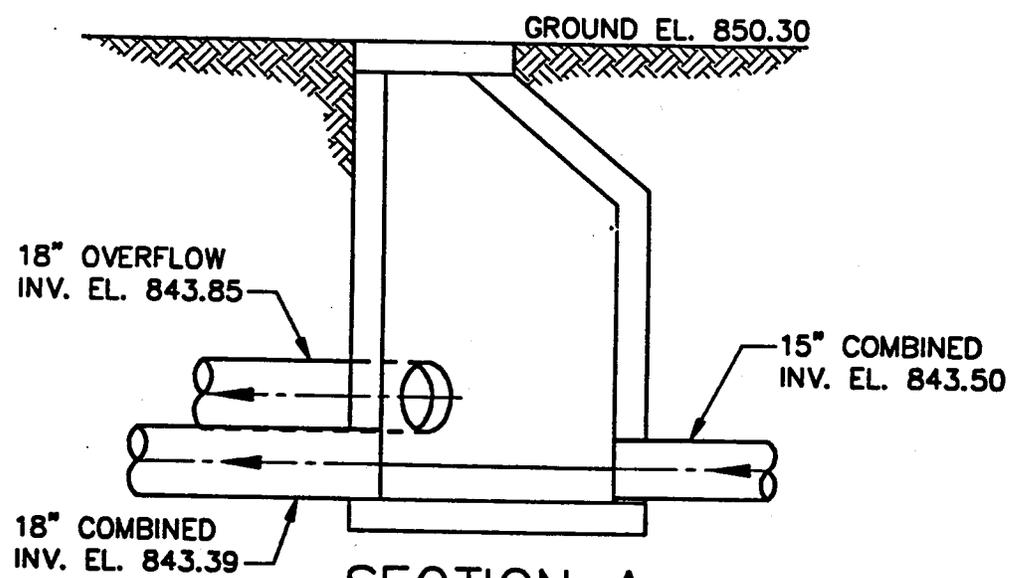
REFERENCE SHT. NO. G-5
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1021
PLAN AND SECTION

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FIGURE NO. 49



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH13 SCALE: 1:1 04/11, 1997 at 08:35

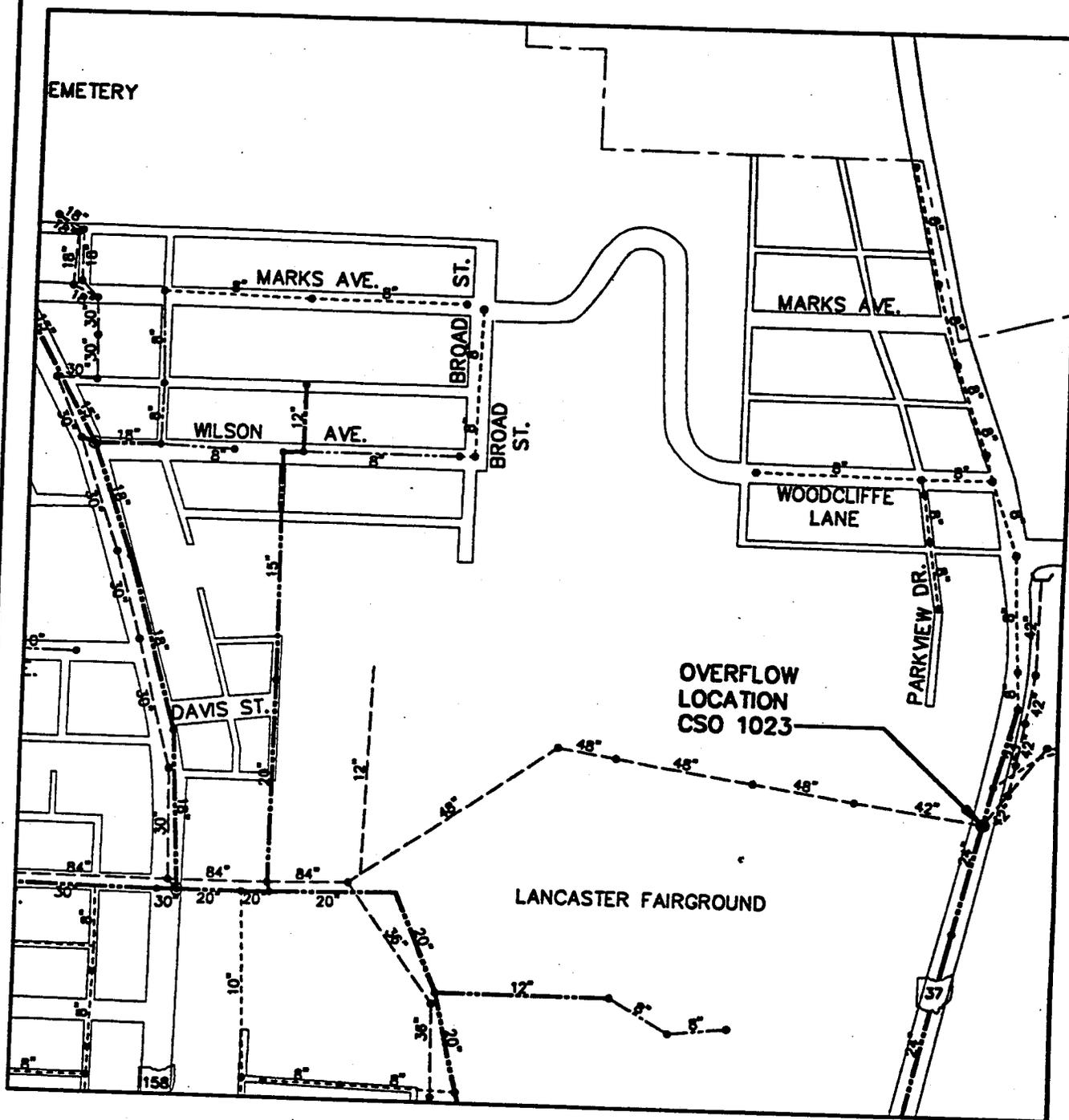
REFERENCE SH. NO. F-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1022
PLAN AND SECTION

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FIGURE NO. 51



REFERENCE SHT. NO. F-6

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

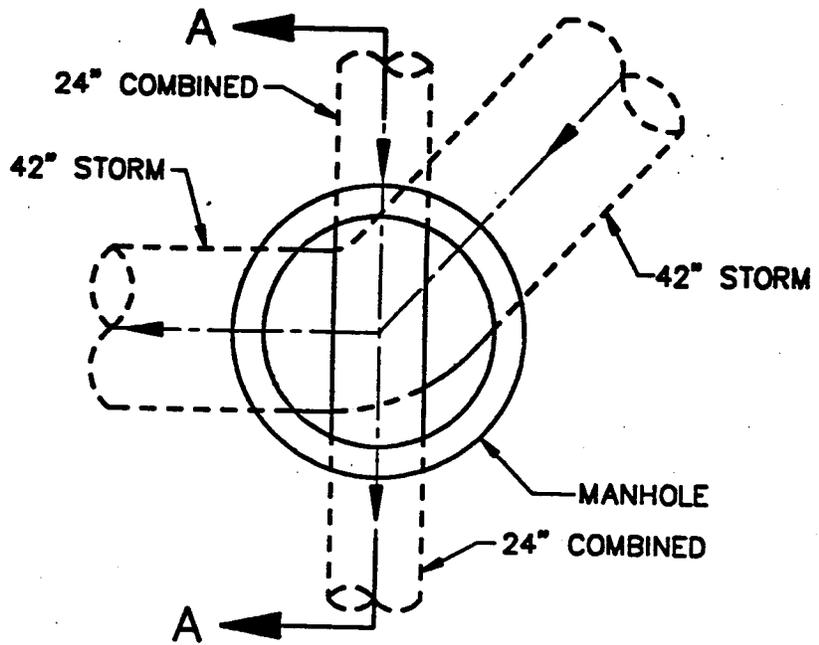
COMBINED SEWER OVERFLOW
 STRUCTURE 1023
 LOCATION PLAN

SCALE: 1" = 400'

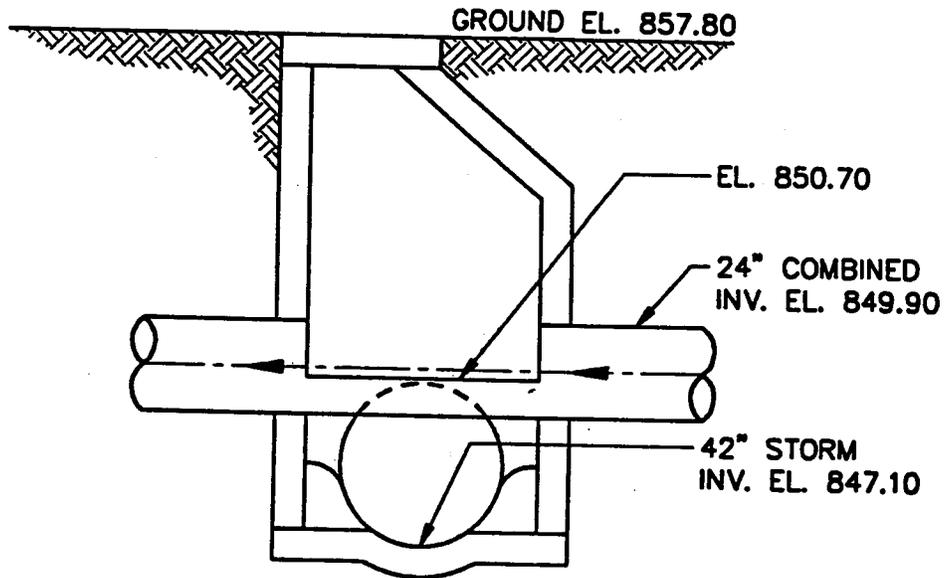
COPYRIGHT © 1996
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FIGURE NO. 52

DATE: 08/11/1997 09:11:00



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH14 SCALE: 1:11 04/11, 1997 at 08:35

REFERENCE SHT. NO. F-6

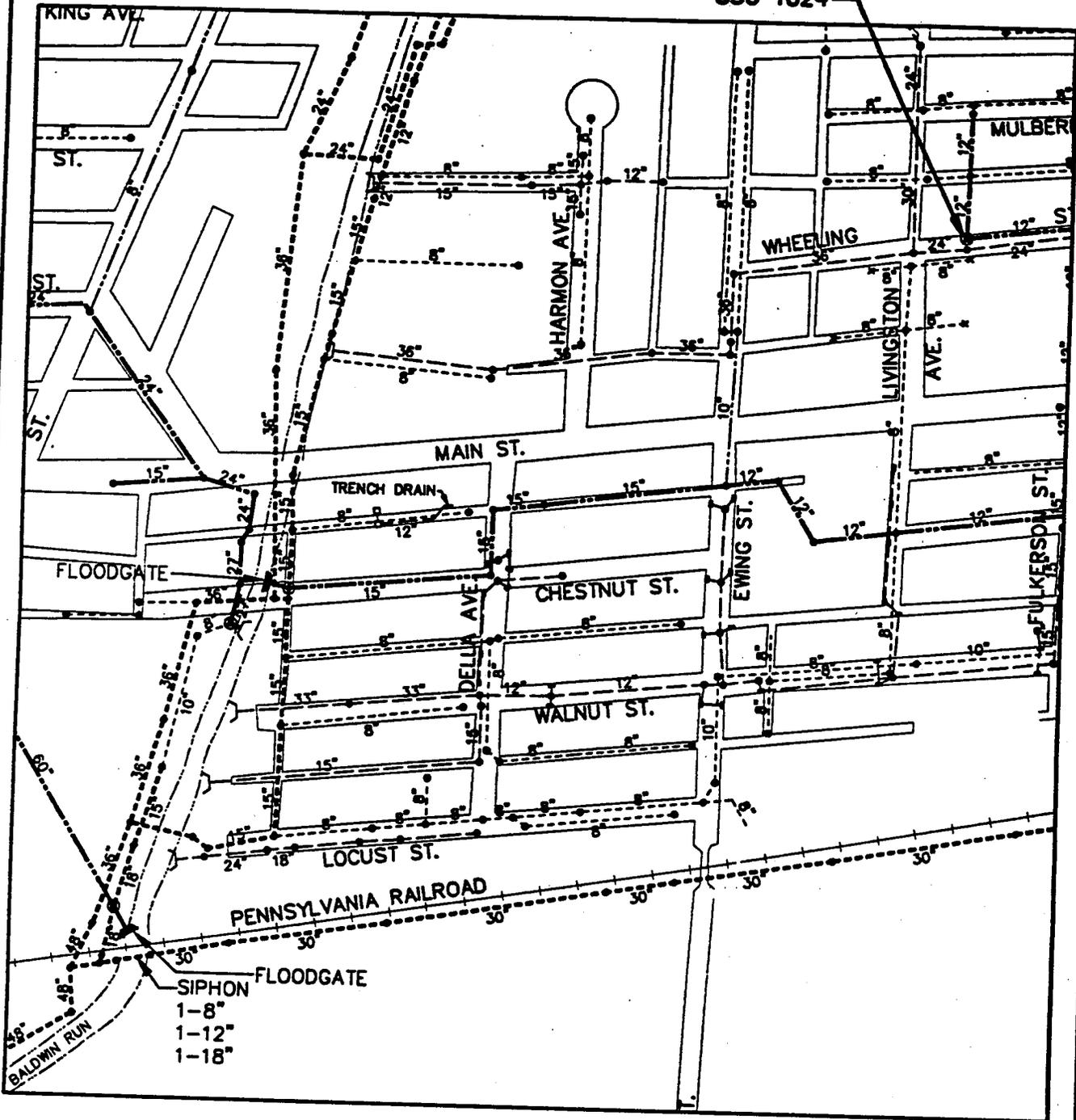
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1023
PLAN AND SECTION

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FIGURE NO. 53

OVERFLOW LOCATION
CSO 1024



REFERENCE SHT. NO. G-7

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

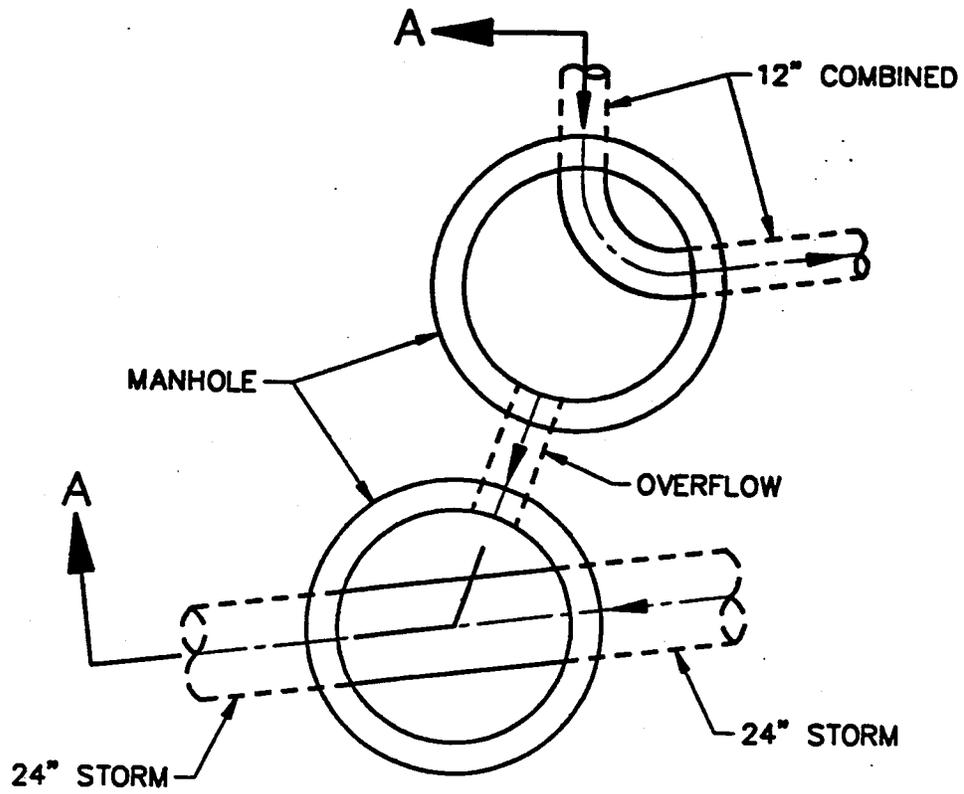
COMBINED SEWER OVERFLOW
STRUCTURE 1024
LOCATION PLAN

SCALE: 1" = 400'

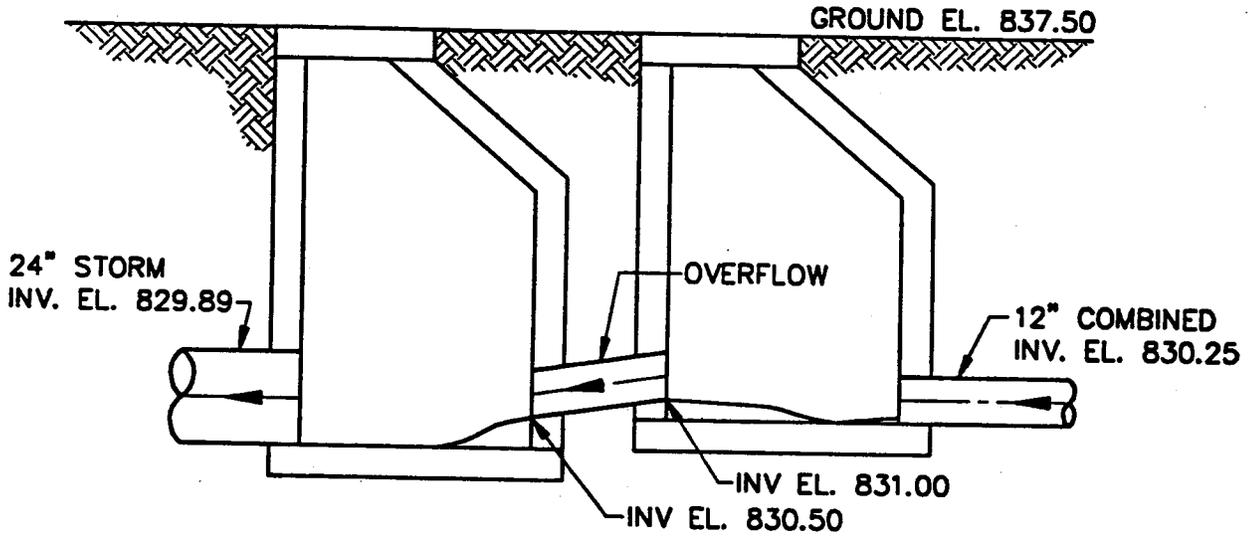
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FIGURE NO. 54

3072 : 04/02/17/18_VPRO-1000001\SECORRIS.SCAL: 2:00 04/11, 1997 at 13:08



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH15 SCALE: 1:1 04/11, 1997 at 08:37

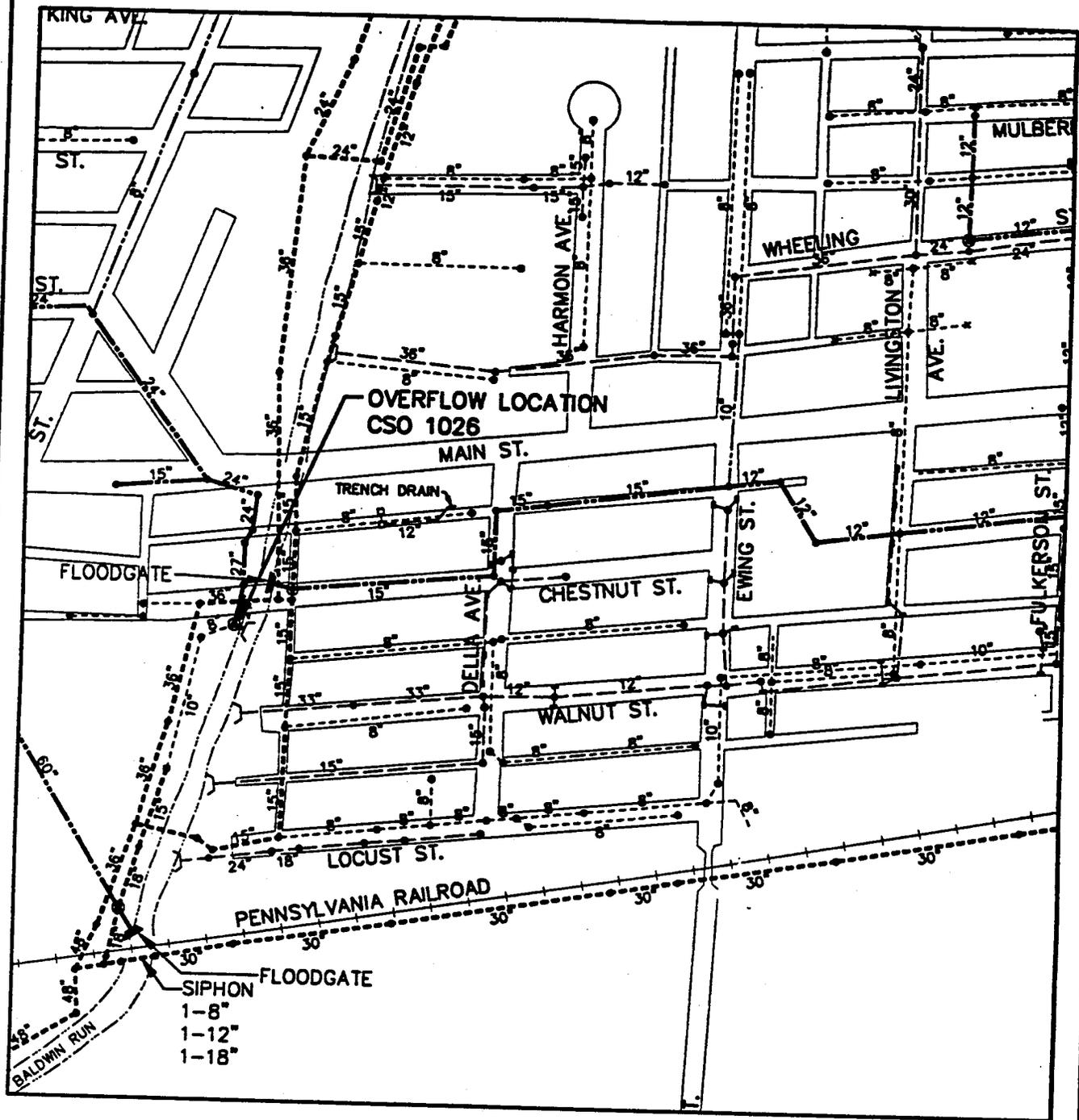
REFERENCE SHT. NO. G-7

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1024
PLAN AND SECTION

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FIGURE NO. 55



REFERENCE SHT: NO. G-7

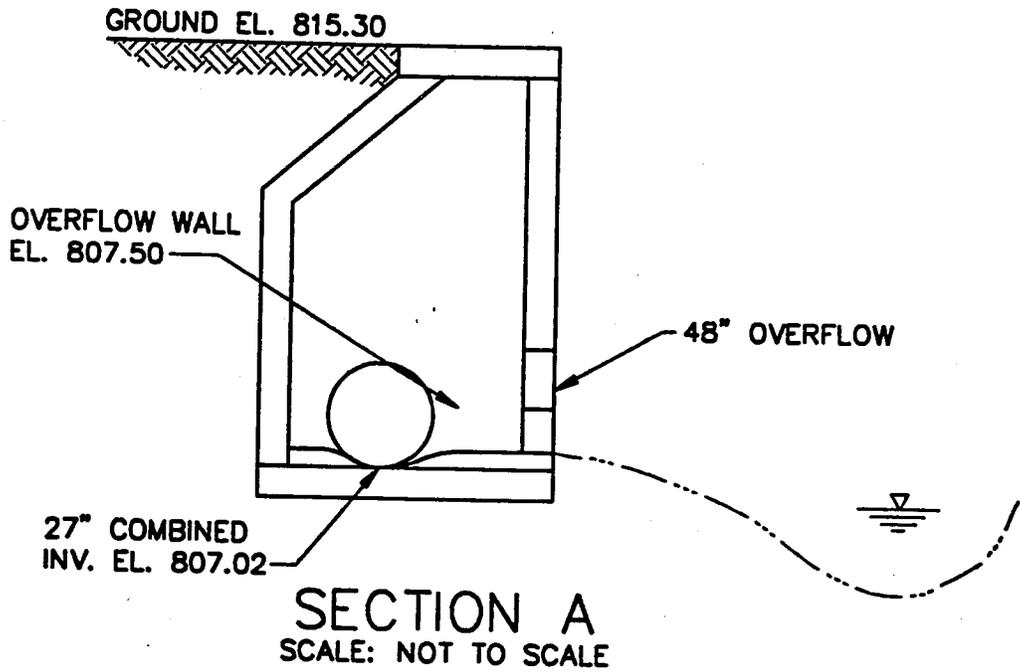
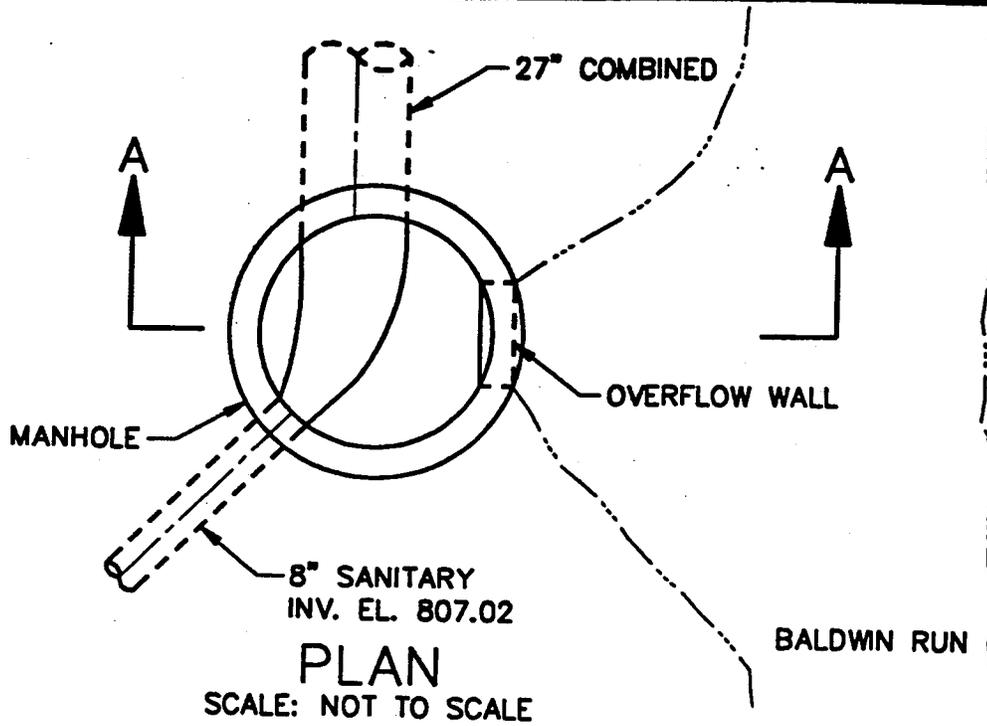
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1026
 LOCATION PLAN

SCALE: 1" = 400'

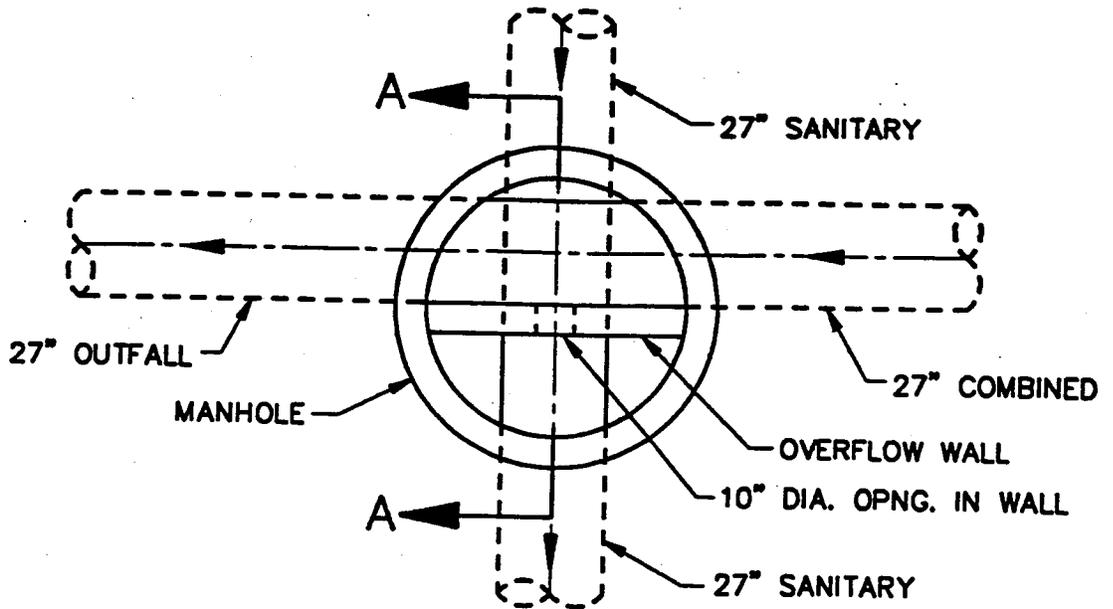
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FIGURE NO. 56

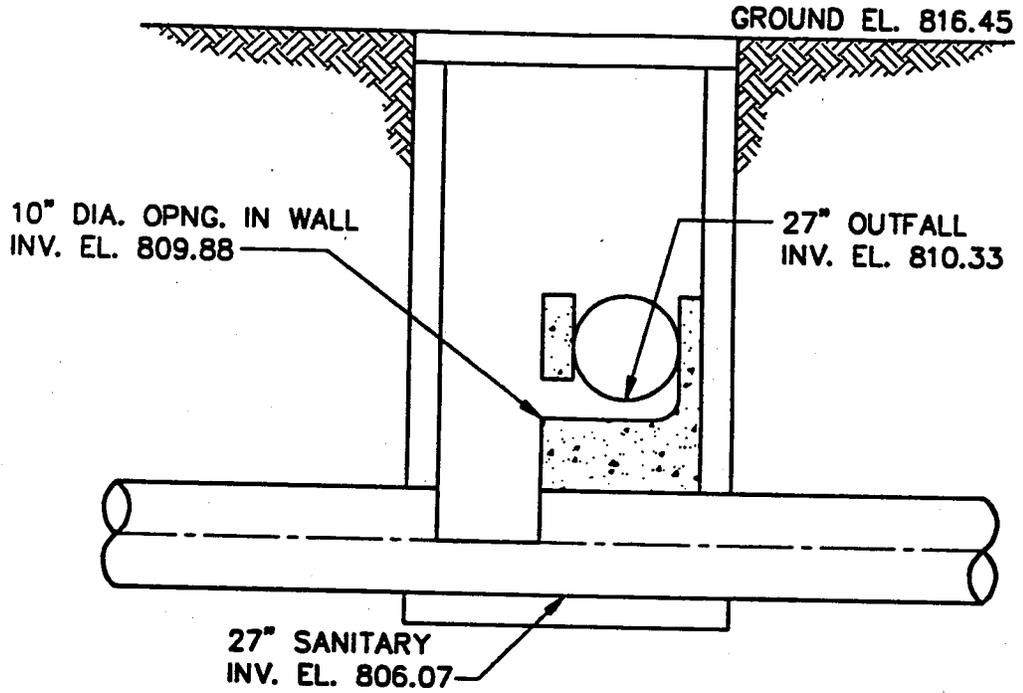


3872 : 0491028127\D:\PROJ\04910281\SKETCH17 SCALE: 1:11 04/11, 1997 at 08:46

REFERENCE SHT. NO. G-7		
CITY OF LANCASTER WATER POLLUTION CONTROL DEPARTMENT WASTEWATER COLLECTION SYSTEM	COMBINED SEWER OVERFLOW STRUCTURE 1026 PLAN AND SECTION	COPYRIGHT © 1996 MALCOLM PIRNIE, INC.
		FIGURE NO. 57



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH18 SCALE: 1:1 04/11, 1997 at 08:47

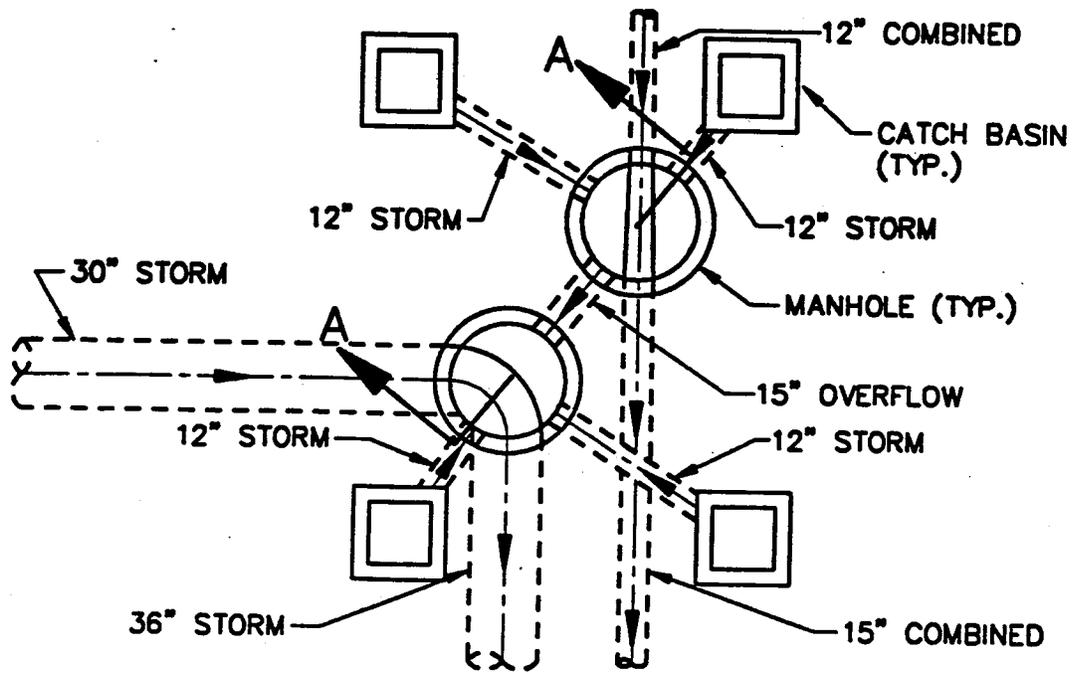
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1027
PLAN AND SECTION

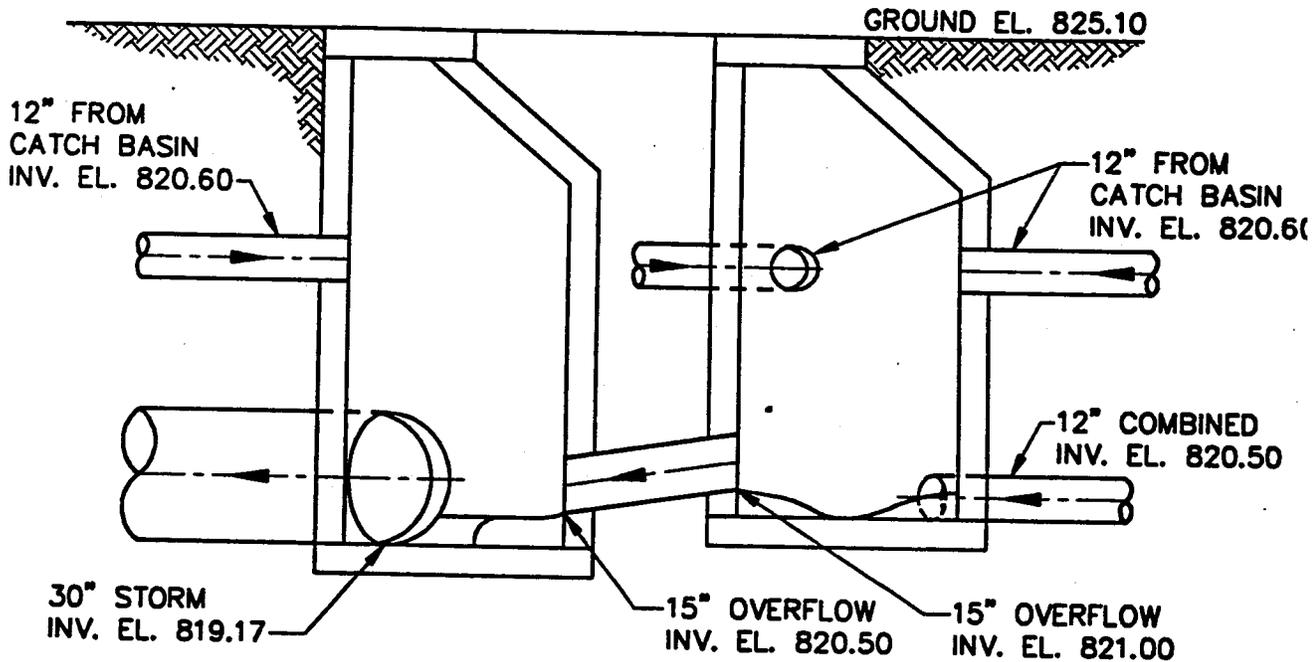
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FIGURE NO. 59



PLAN

SCALE: NOT TO SCALE



SECTION A

SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH19 SCALE: 1:1i 04/11, 1997 at 09:03

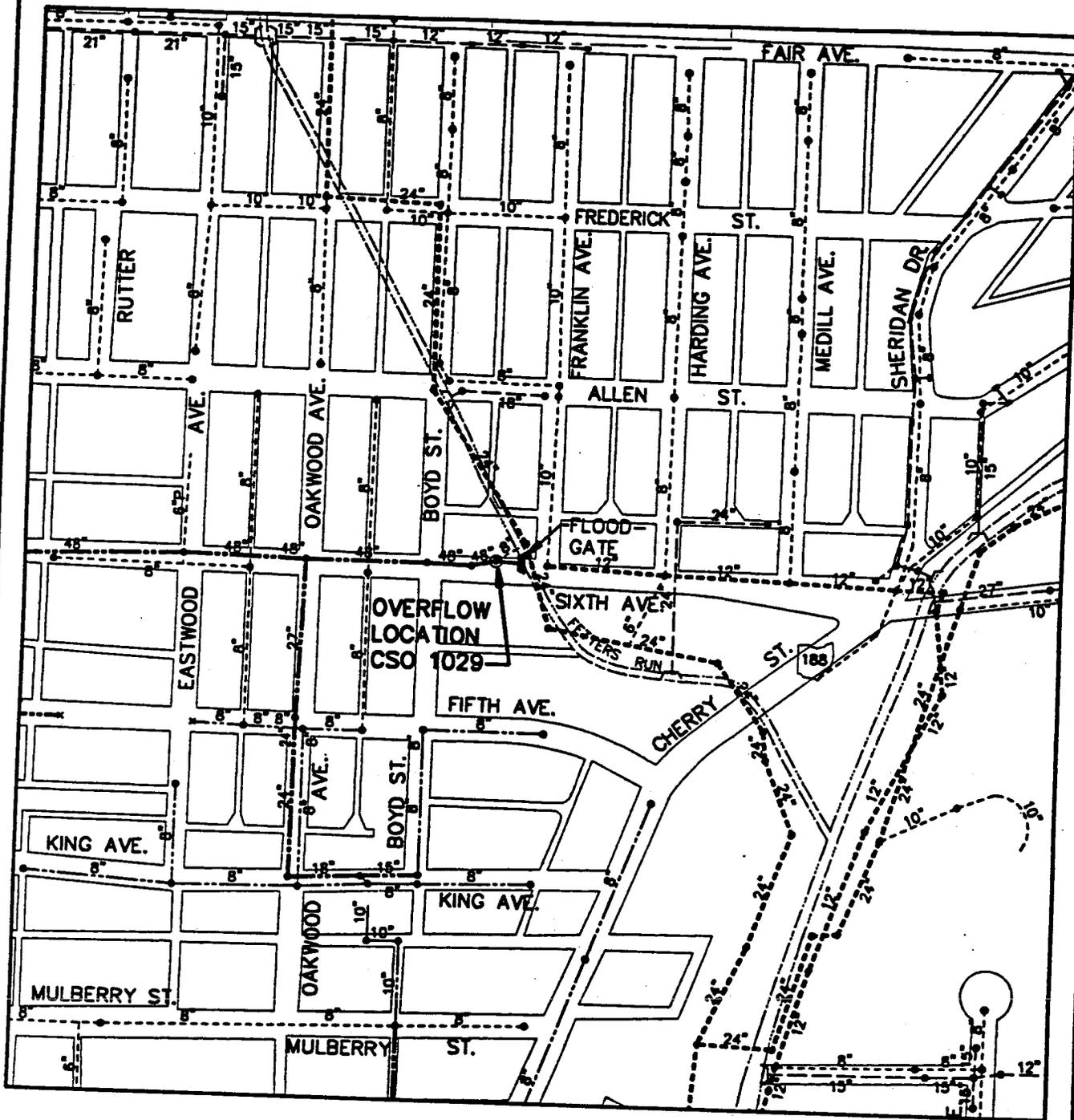
REFERENCE SHT. NO. F-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1028
PLAN AND SECTION

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FIGURE NO. 61



REFERENCE SHT. NO. F-7

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

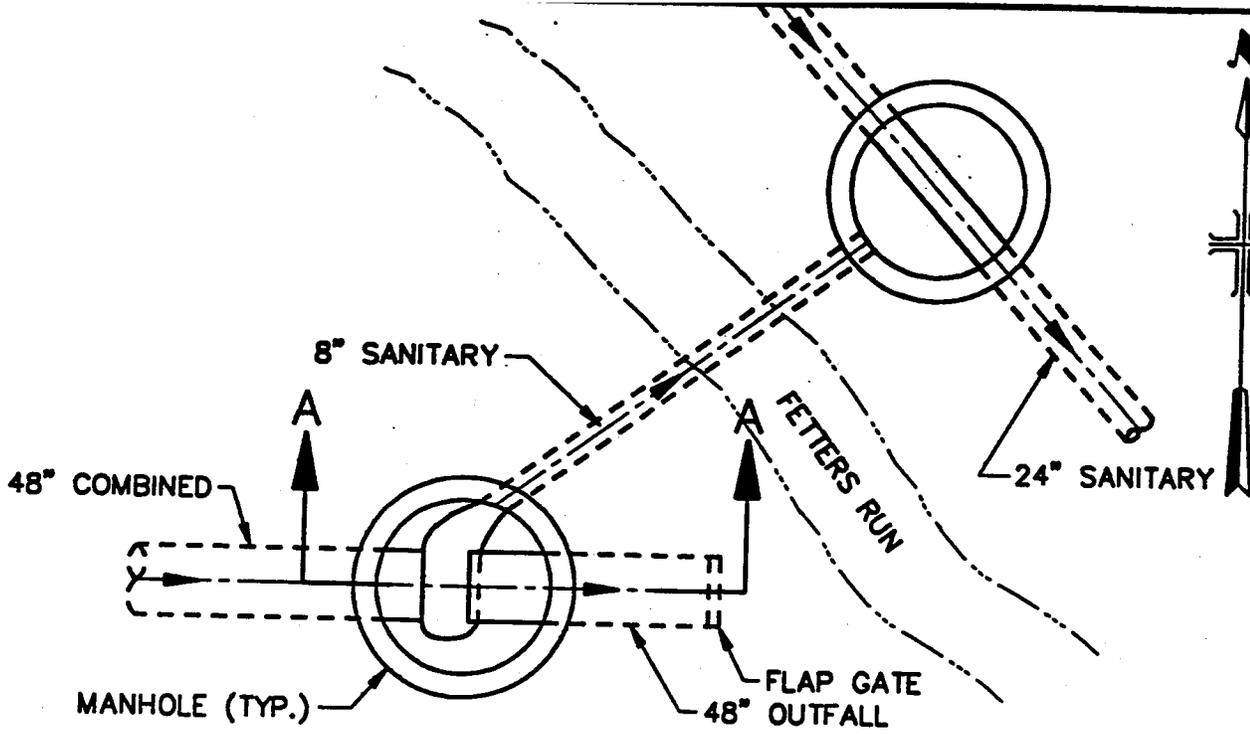
COMBINED SEWER OVERFLOW
 STRUCTURE 1029
 LOCATION PLAN

SCALE: 1" = 400'

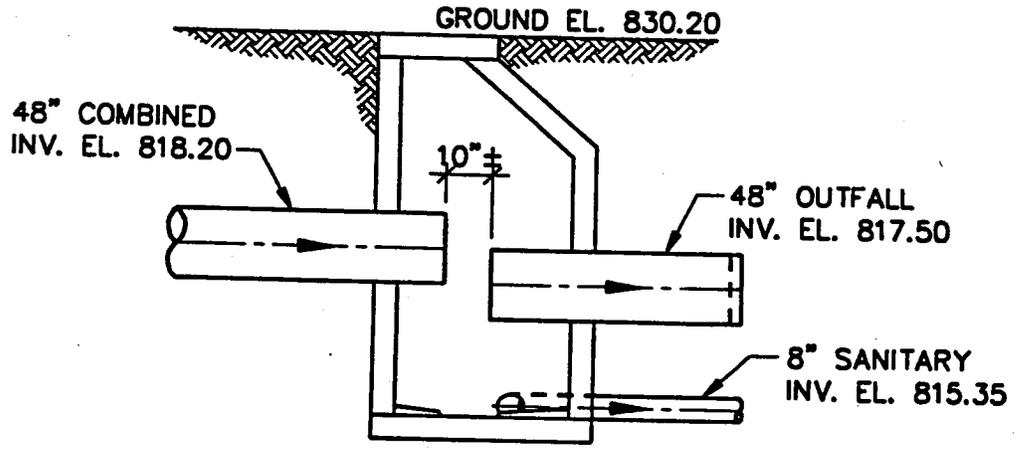
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FIGURE NO. 62

3071 G:\CITY\PLANS\WATER\LANCASTER\LANCASTER CAD 1:250 04/11/1997 4:13:25



PLAN
SCALE: NOT TO SCALE

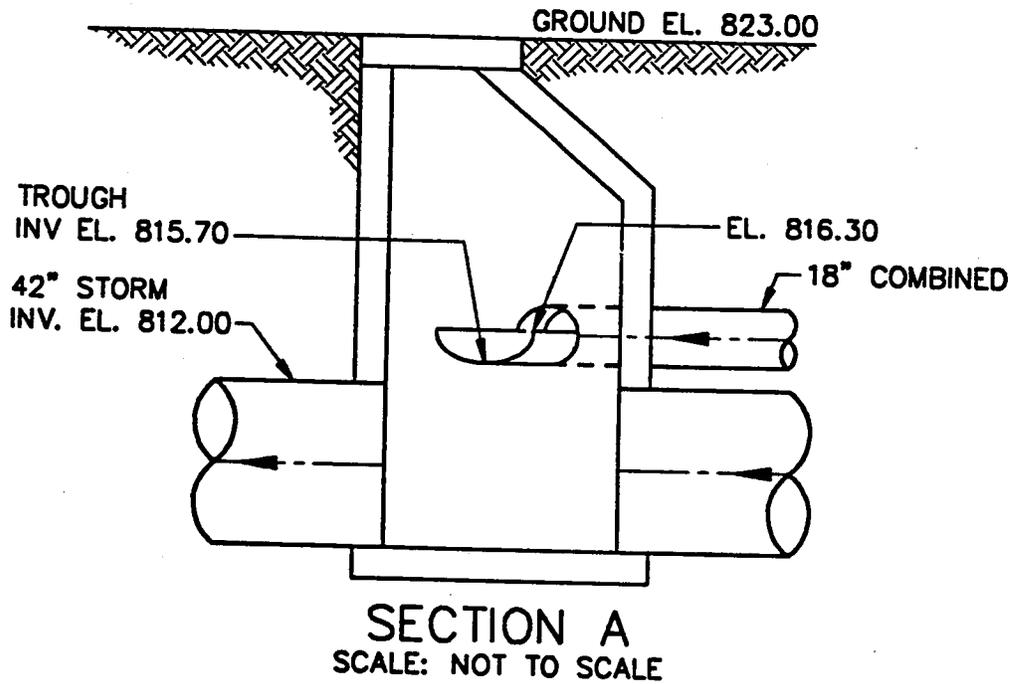
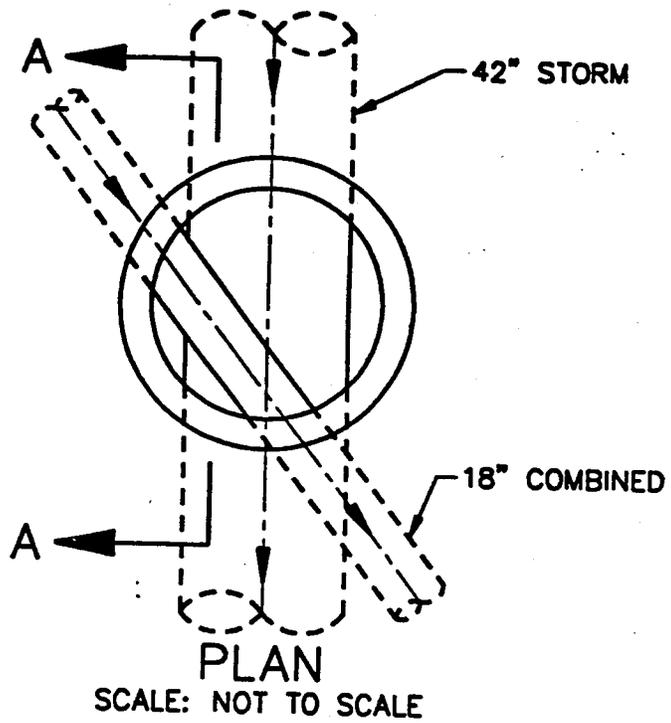


SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH20 SCALE: 1:11 04/11, 1997 at 09:04

REFERENCE SHT. NO. F-7

<p>CITY OF LANCASTER WATER POLLUTION CONTROL DEPARTMENT WASTEWATER COLLECTION SYSTEM</p>	<p>COMBINED SEWER OVERFLOW STRUCTURE 1029 PLAN AND SECTION</p>	<p>COPYRIGHT © 1996 MALCOLM PIRNIE, INC. FIGURE NO. 63</p>
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3872 : 0491028127\D:\PROJ\04910281\SKECH23E SCALE: 1:11 04/11, 1997 at 09:05

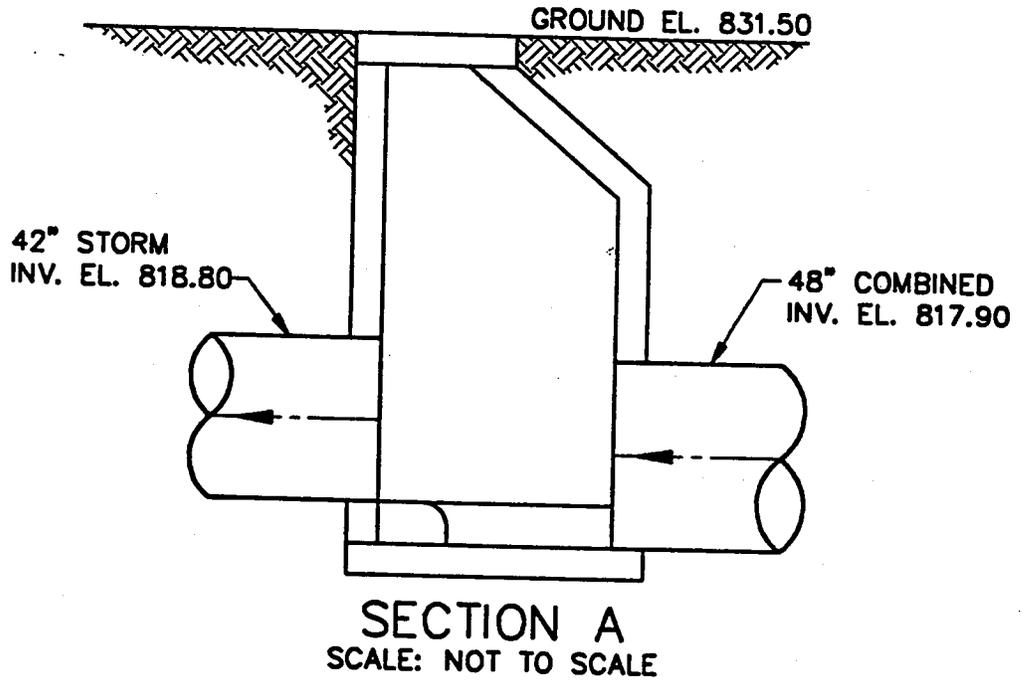
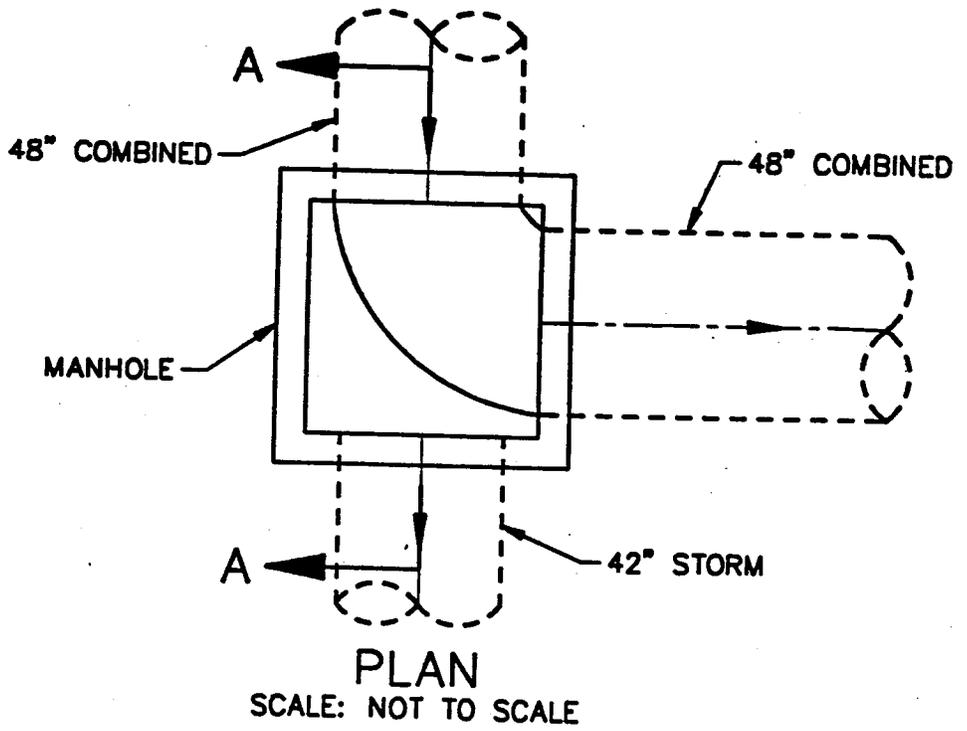
REFERENCE SH. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1030
PLAN AND SECTION

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FIGURE NO. 65



3872 : 0491028127\D:\PROJ\04910281\SKECH23C SCALE: 1:11 04/11, 1997 at 09:06

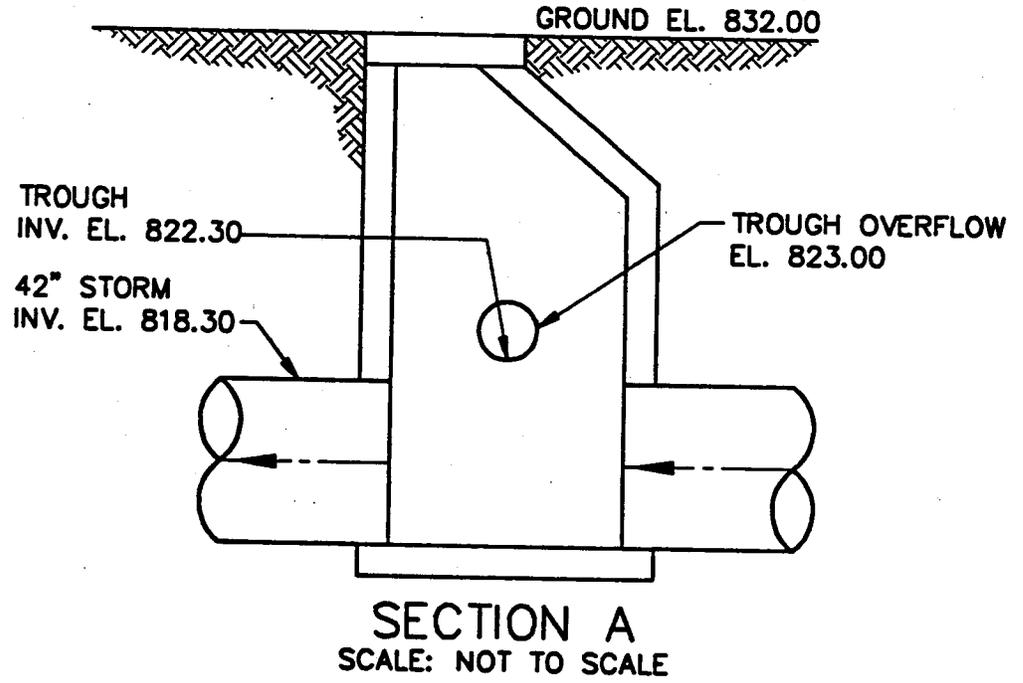
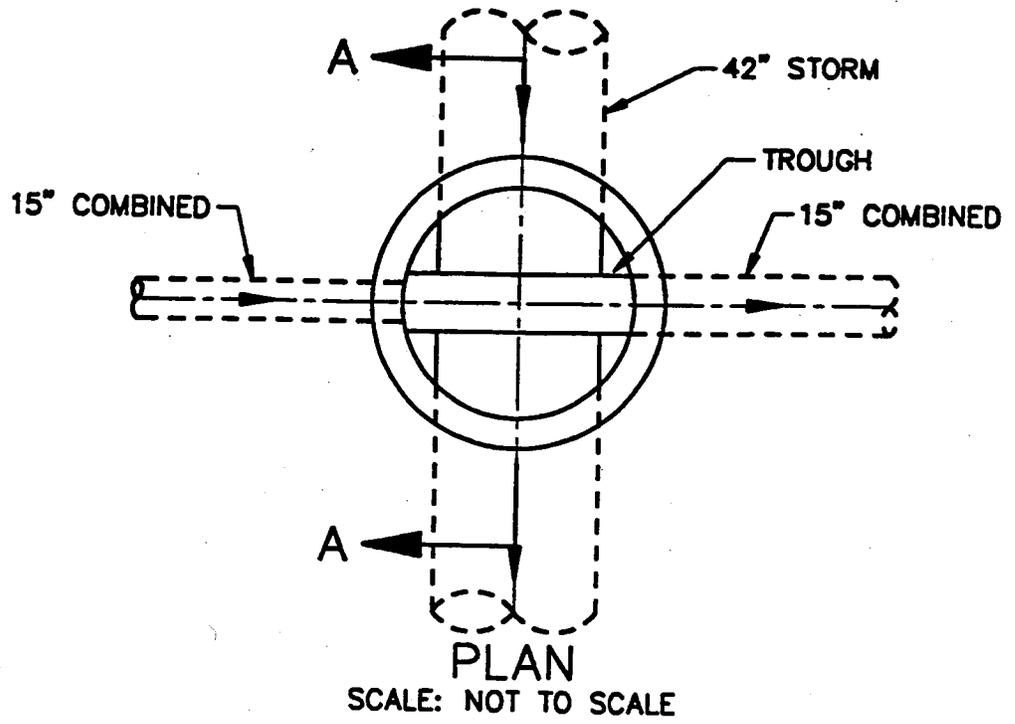
REFERENCE SHT. NO. G-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1031
PLAN AND SECTION

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FIGURE NO. 67



3872 : 0491028127\D:\PROJ\04910281\SKECH23D SCALE: 1:11 04/11, 1997 at 09:07

REFERENCE SHT. NO. G-6

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

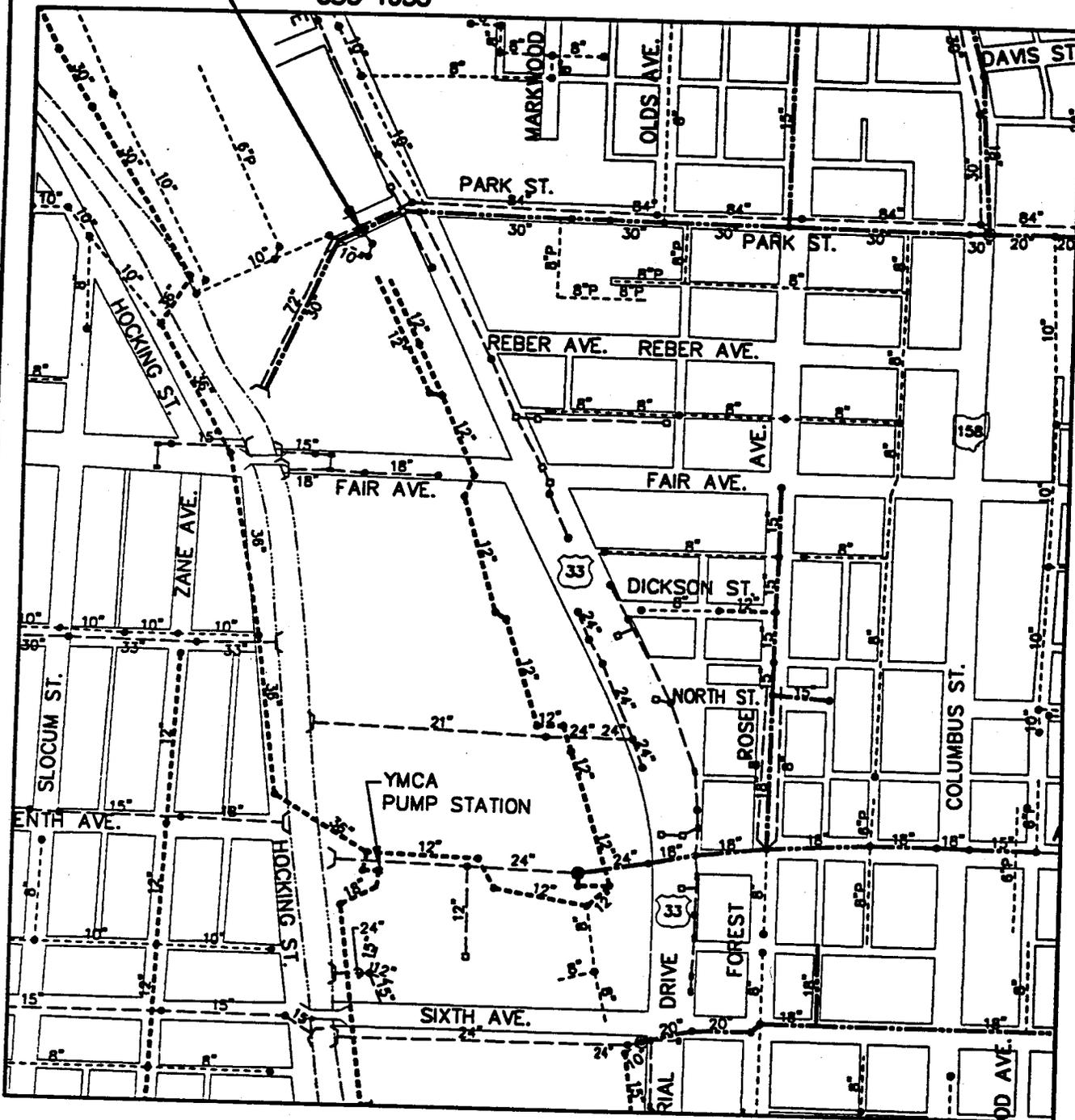
COMBINED SEWER OVERFLOW
 STRUCTURE 1032
 PLAN AND SECTION

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FIGURE NO. 69



OVERFLOW
LOCATION
CSO 1033



REFERENCE SHT. NO. F-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

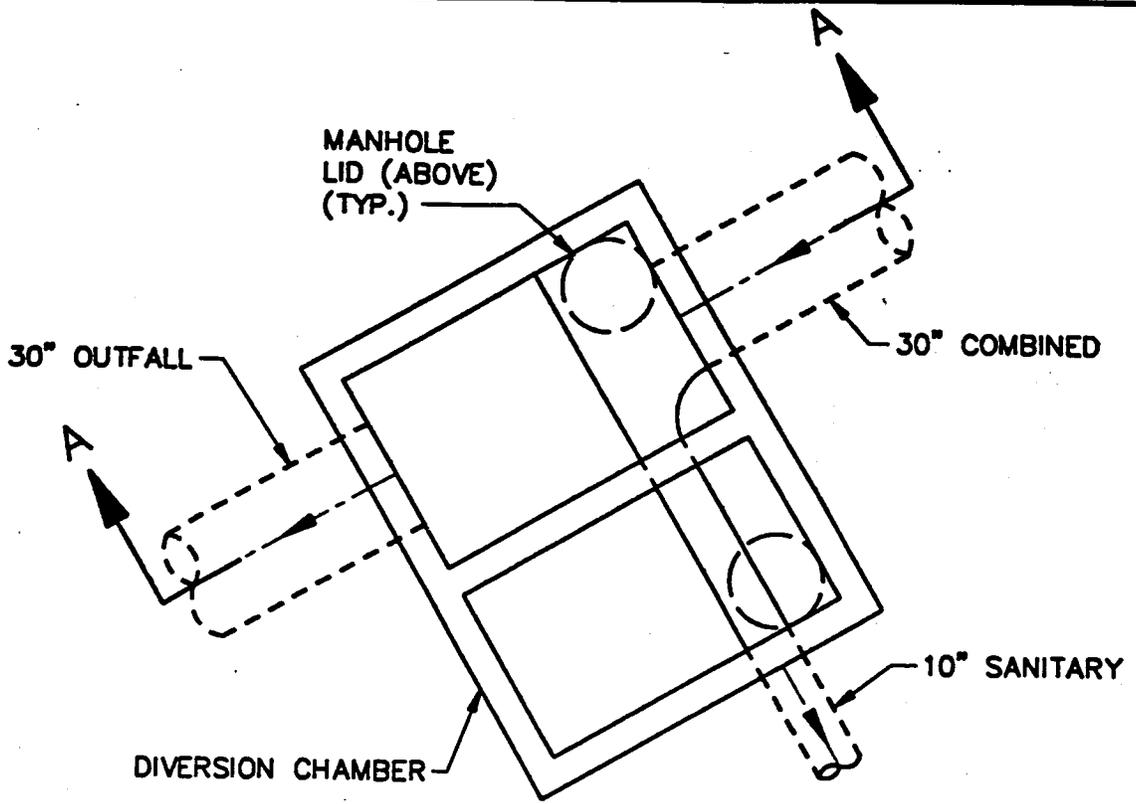
COMBINED SEWER OVERFLOW
STRUCTURE 1033
LOCATION PLAN

SCALE: 1" = 400'

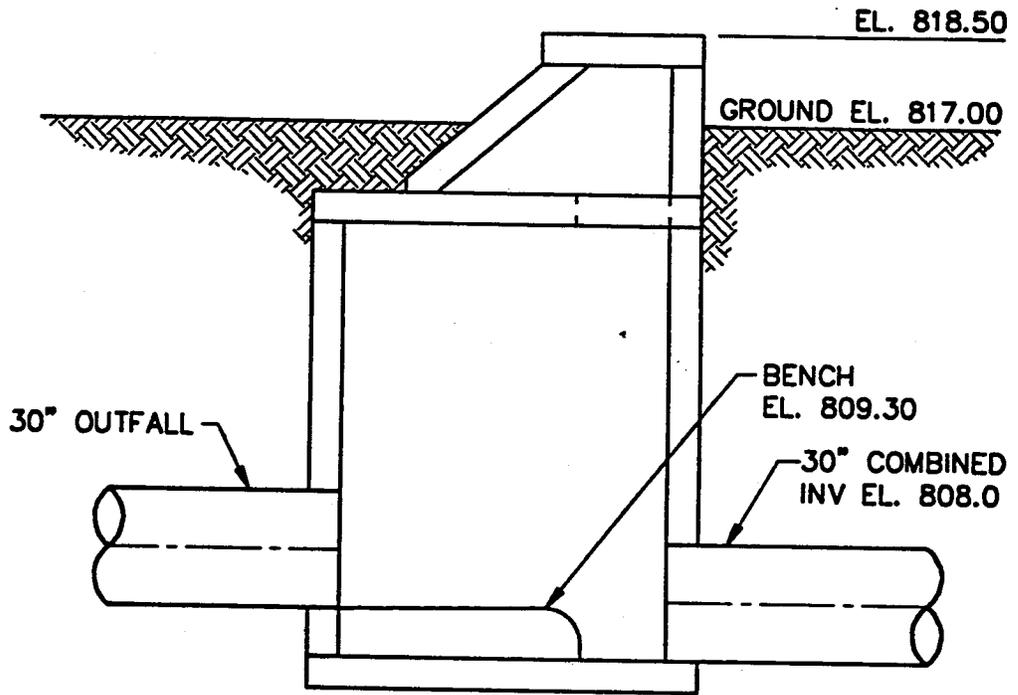
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FIGURE NO. 70

SHEET: 049028174-VPRO-041029-100027A SCALE: 1"=400' 04/91 1097 of 1343



PLAN
SCALE: NOT TO SCALE



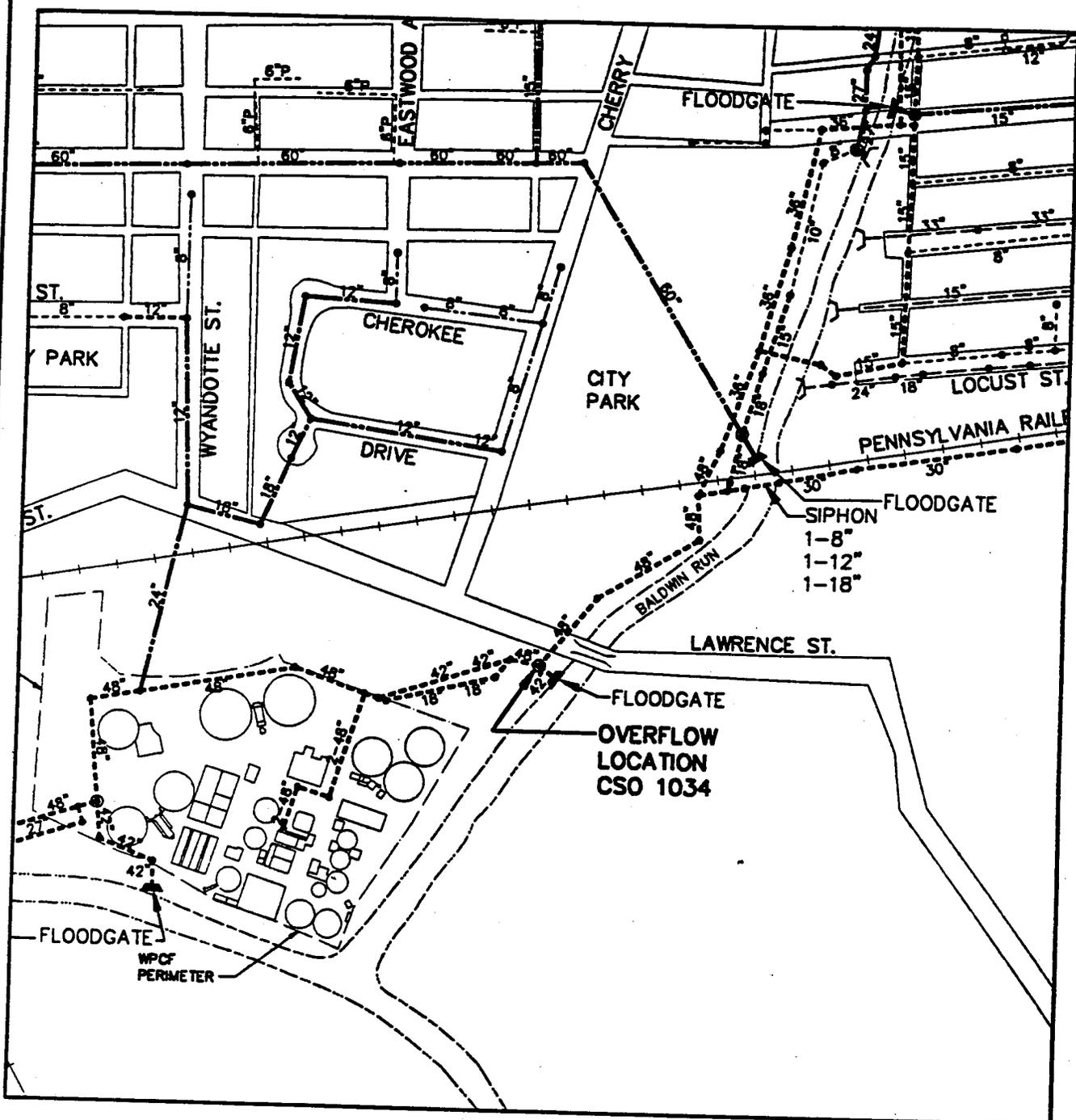
SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH27 SCALE: 1:11 04/11, 1997 at 09:13

REFERENCE SHT. NO. F-5
CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1033
PLAN AND SECTION

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FIGURE NO. 71



REFERENCE SHT. NO. G-7

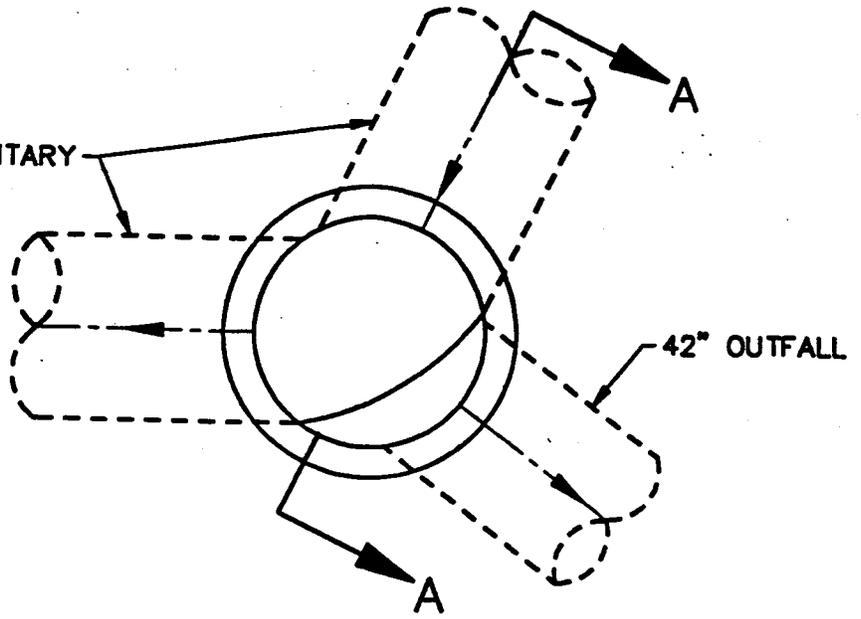
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1034
 LOCATION PLAN

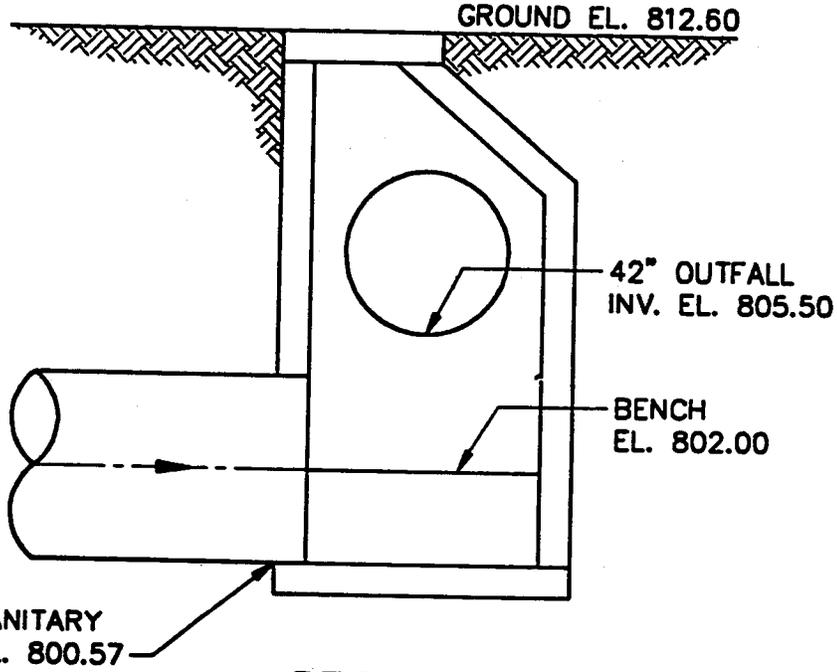
SCALE: 1" = 400'
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 FIGURE NO. 72

SHT. : 64920212745.VPROL-04102011\WCD0201A.DWG: 1:200 04/11, 1997 at 13:47

48" SANITARY



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH29 SCALE: 1:11 04/11, 1997 at 09:14

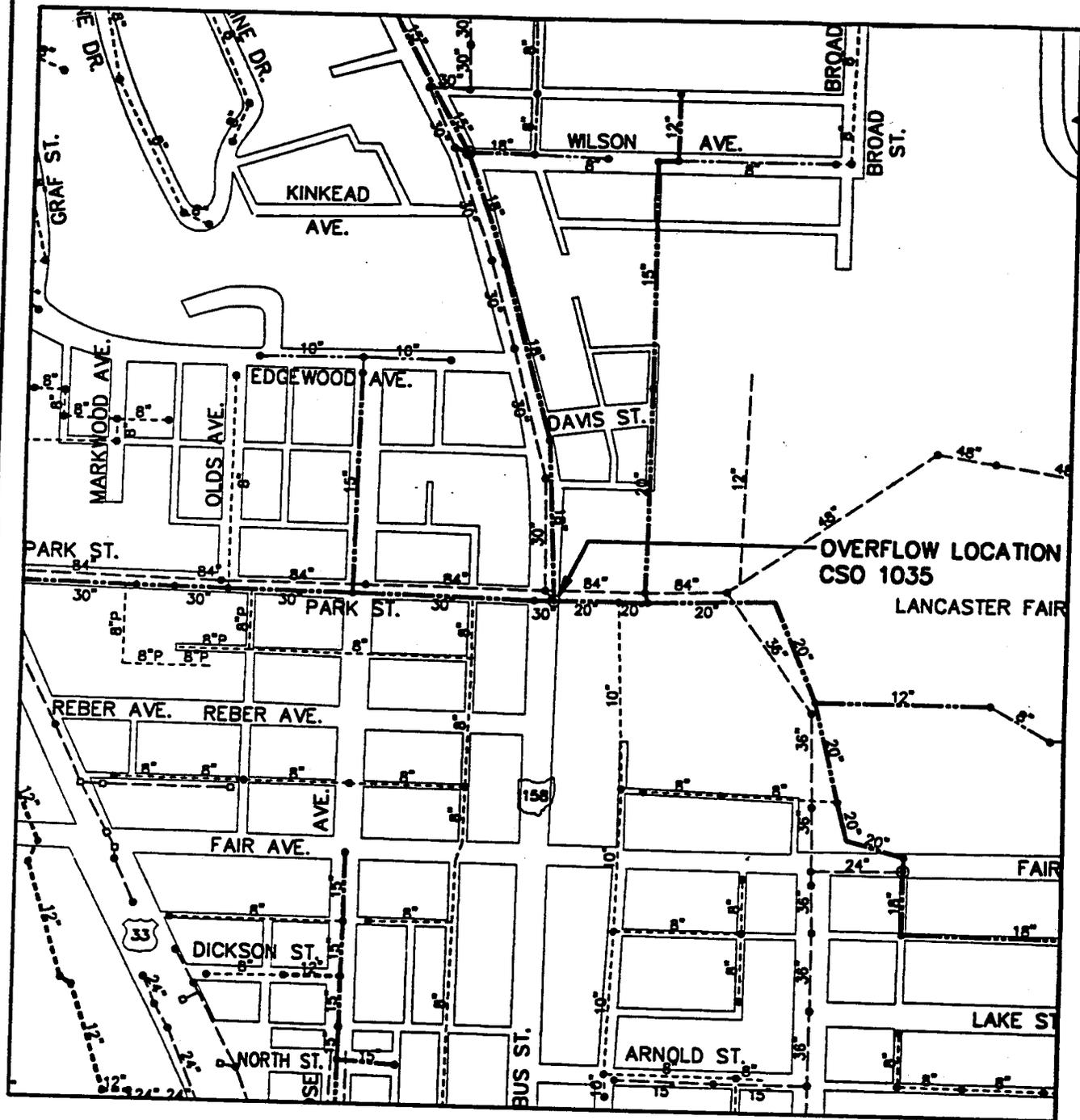
REFERENCE SHT. NO. G-7

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1034
PLAN AND SECTION

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FIGURE NO. 73



REFERENCE SHT. NO. F-6

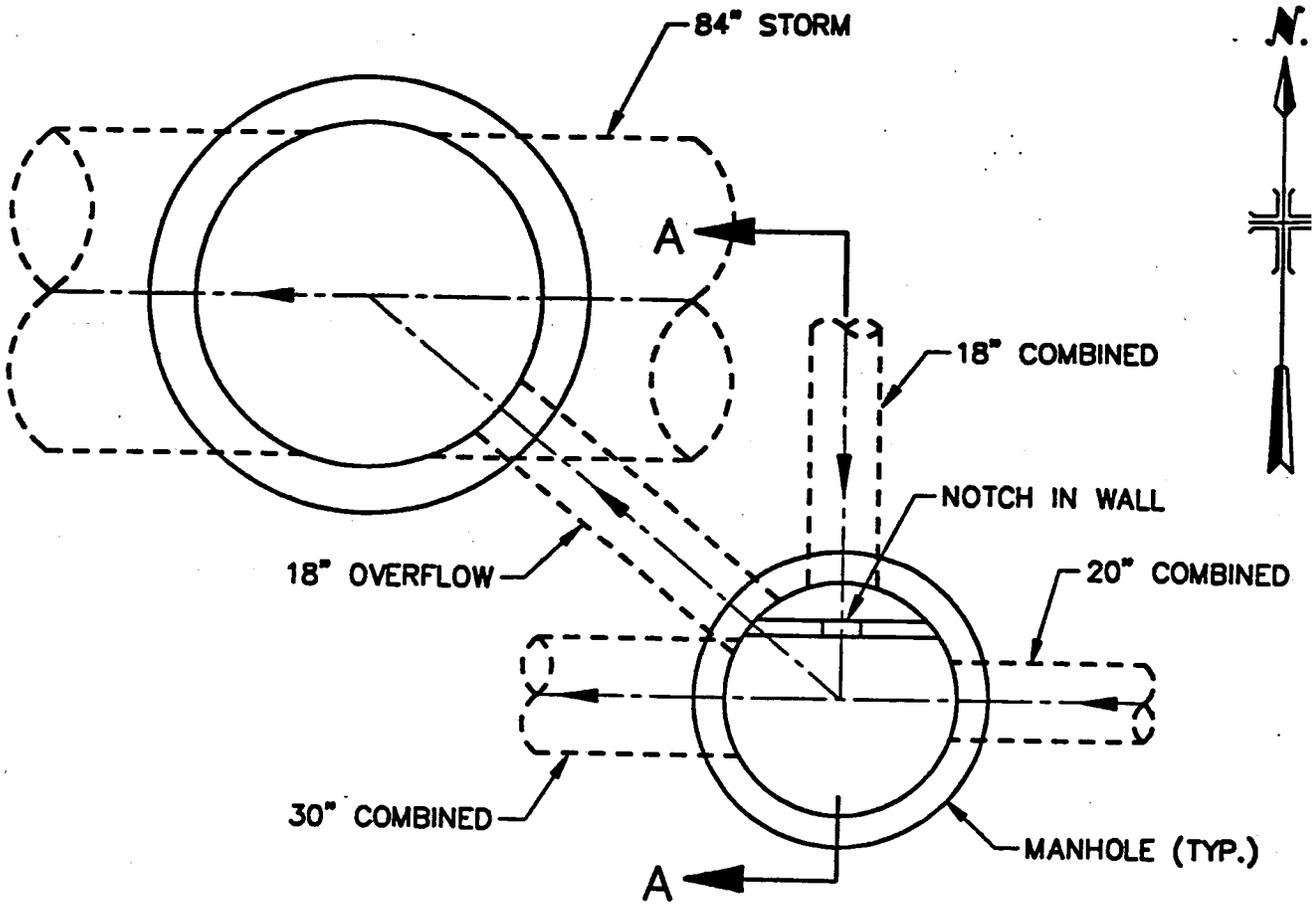
CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
 STRUCTURE 1035
 LOCATION PLAN

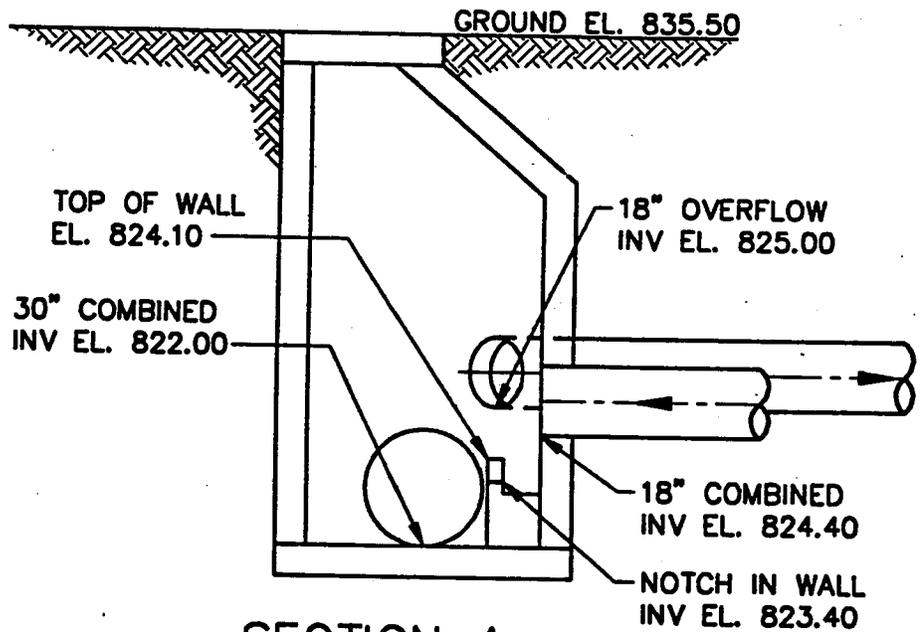
SCALE: 1" = 400'

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FIGURE NO. 74



PLAN
SCALE: NOT TO SCALE



SECTION A
SCALE: NOT TO SCALE

3872 : 0491028127\D:\PROJ\04910281\SKETCH31 SCALE: 1:1 04/11, 1997 at 09:15

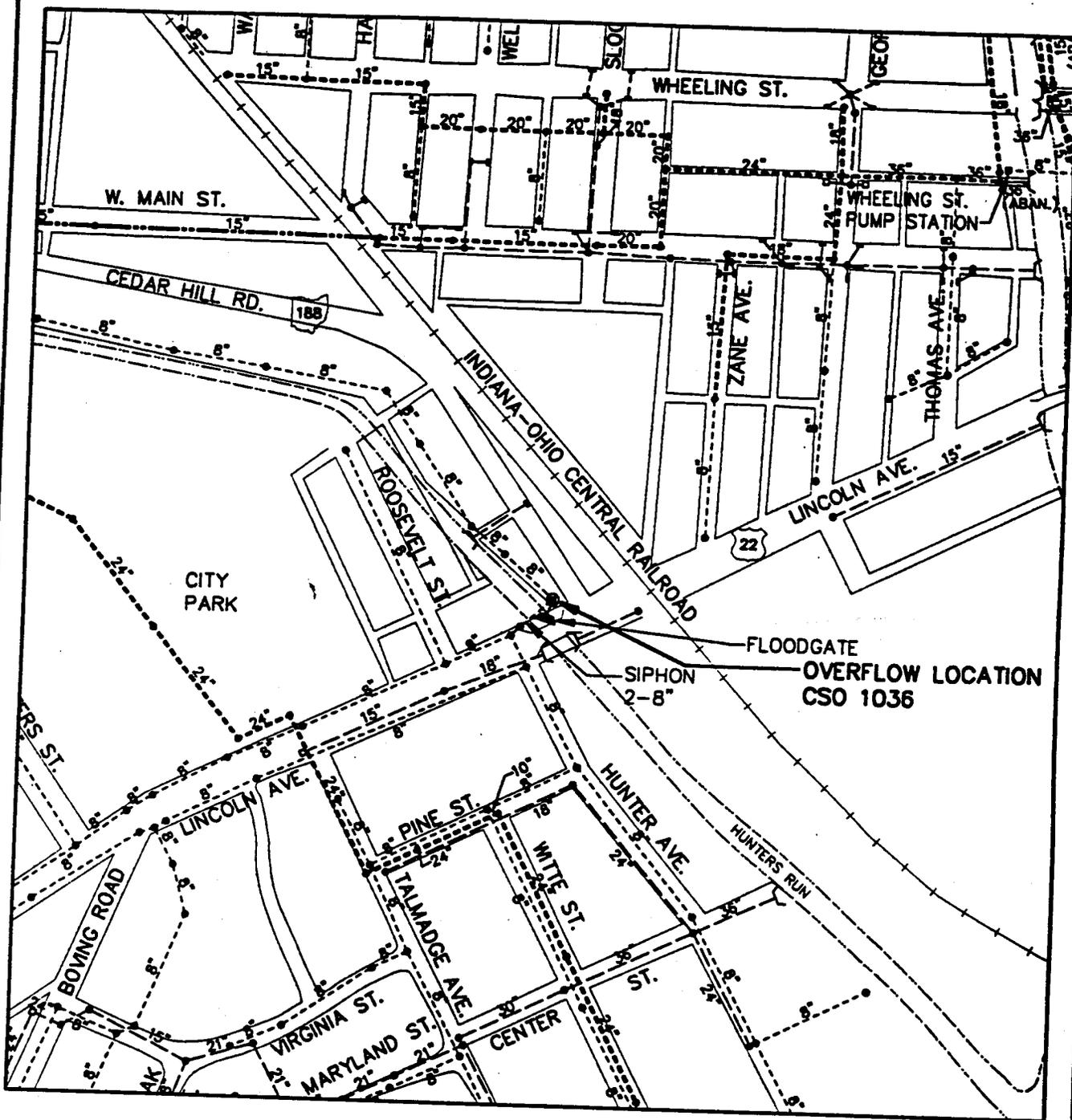
REFERENCE SHT. NO. F-6

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

COMBINED SEWER OVERFLOW
STRUCTURE 1035
PLAN AND SECTION

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FIGURE NO. 75



REFERENCE SHT. NO. G-5

CITY OF LANCASTER
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM

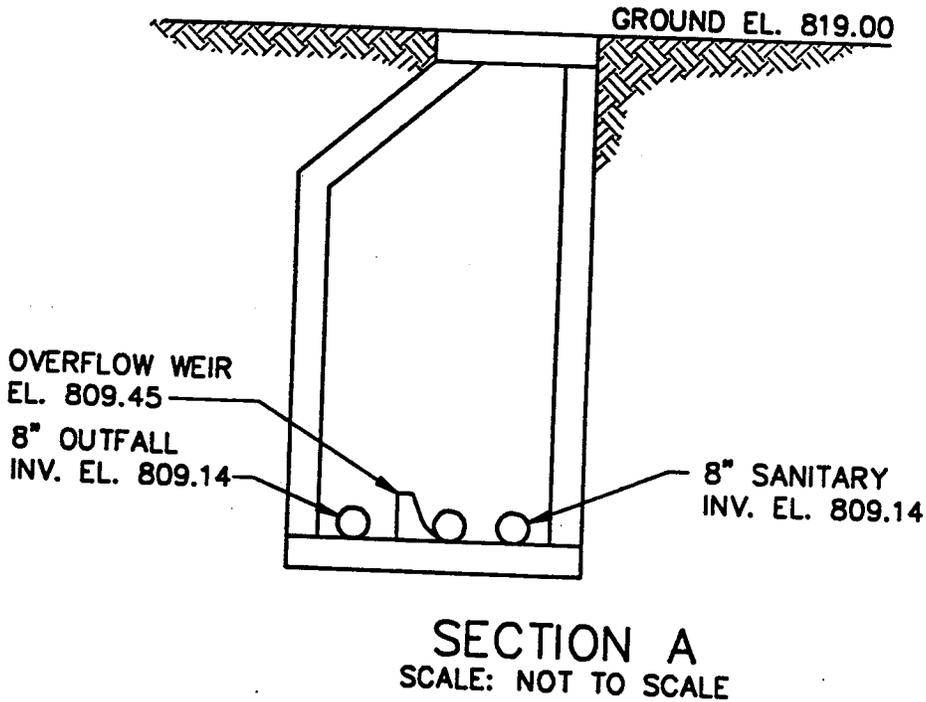
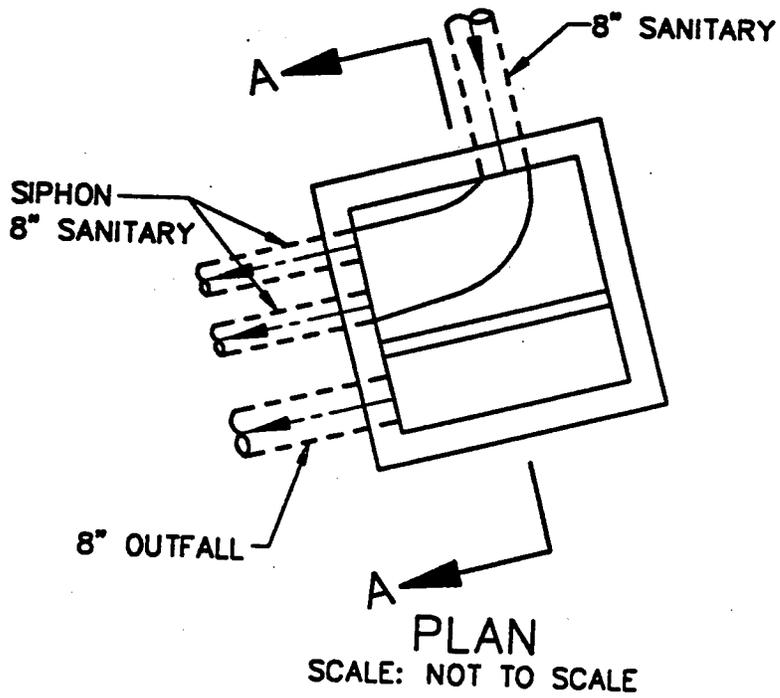
COMBINED SEWER OVERFLOW
 STRUCTURE 1036
 LOCATION PLAN

SCALE: 1" = 400'

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FIGURE NO. 76

3072 : 04/10/2017 10:10:00 AM : V:\04\10281\3072.dwg : SCALE: 1:200 04/11/1997 of 13:53



3794 0491028121 D:\PROJ\04910281\SKET33 Scale: 1:11 Date: 07/28/1997 Time: 15:29

REFERENCE SHT. NO. G-5

CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM

FACILITY/PROPERTY PROTECTION DEVICE
STRUCTURE 1036
PLAN AND SECTION

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FIGURE NO. 77

