



City of Detroit  
Inter-Departmental Communication

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**TO:** Richard Doherty, City Engineer  
City Engineering/Department of Public Works

**FROM:** Debra Singleton, Engineer  
Detroit Water and Sewerage Department

**DATE:** August 25, 2017

**RE:** Petition No. 1344  
Requested Encroachment into the East/West Alley Bound by Macomb, St.  
Antoine, Monroe, and Beaubien at 500 Macomb (with a Compactor and Motor)

We have reviewed the above Petition received by this office. With regard to DWSD's interests, our comments are as follows:

- DWSD has no objection to the requested encroachment provided that the attached Provisions for Encroachment are strictly followed.

If you have any questions, please call me at (313) 267-8309.

Sincerely,

Debra Singleton  
Engineer  
Claims and Permits

DS//gl

Attachments

CC: Mohamad Farhat, CSF

Michael Duggan, Mayor

City of Detroit  
**City Engineering Division, Department of Public Works**  
**Survey Bureau**

**NOTICE OF PROPOSED CHANGE IN PROPERTY**

Date: 12/09/2016

Petition: x1344

- |  |  |
|--|--|
| <input type="checkbox"/> AT&T Telecommunication            | <input type="checkbox"/> Berm Use                |
| <input type="checkbox"/> Comcast Television (CATV)         | <input type="checkbox"/> Conversion to Easement  |
| <input type="checkbox"/> Detroit Edison (DTE)              | <input type="checkbox"/> Dedication              |
| <input type="checkbox"/> Fire Department                   | <input checked="" type="checkbox"/> Encroachment |
| <input type="checkbox"/> Great Lakes Water Authority       | <input type="checkbox"/> Temporary Closing       |
| <input type="checkbox"/> Michcon (DTE)                     | <input type="checkbox"/> Vacation                |
| <input type="checkbox"/> Planning & Development Department |  |
| <input type="checkbox"/> Public Lighting Authority         |  |
| <input type="checkbox"/> Public Lighting Department        |  |
| <input type="checkbox"/> Police Department                 |  |
| <input type="checkbox"/> Solid Waste Division, DPW         |  |
| <input type="checkbox"/> Street Design Bureau, DPW         |  |
| <input type="checkbox"/> Street Maintenance Division, DPW  |  |
| <input type="checkbox"/> Traffic Engineering Division, DPW |  |
| <input type="checkbox"/> Water and Sewerage Department     |  |
| <input type="checkbox"/> _____                             |  |

A petition drawing is attached. Property shown on the attached print is proposed to be changed as indicated. Kindly report (using the back of this sheet) the nature of your services, if any affected by the proposed change and the estimated costs of removing and rerouting such services (if necessary).

Please return one copy to City Engineering Division, DPW within two weeks of the submittal date. Retain one copy and print for you file.

Ron Brundidge, Director, Department of Public Works

By: Richard Doherty, CED DPW  
City Engineer

**TO: City Engineering Division, DPW  
2 Woodward Ave., Suite 642  
Detroit, Michigan 48226-3462  
Survey Bureau: 313-224-3970**

**Petition: x1344**

The proposed change in property (referred to on the other side of this sheet) would affect our services as follows:

- Not Involved
  
- Involved; but asking you to hold action on this petition until further notice.
  
- Involved; but no objections to the property change.
  
- Involved; but no objections to the property change...provided as easement of the full width of the public right-of-way (street, alley or other public place) is reserved.
  
- Involved; the nature of our services and the estimated costs of removing and/or rerouting such services are:

\_\_\_\_\_  
(Utility or City Department)

\_\_\_\_\_  
By

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

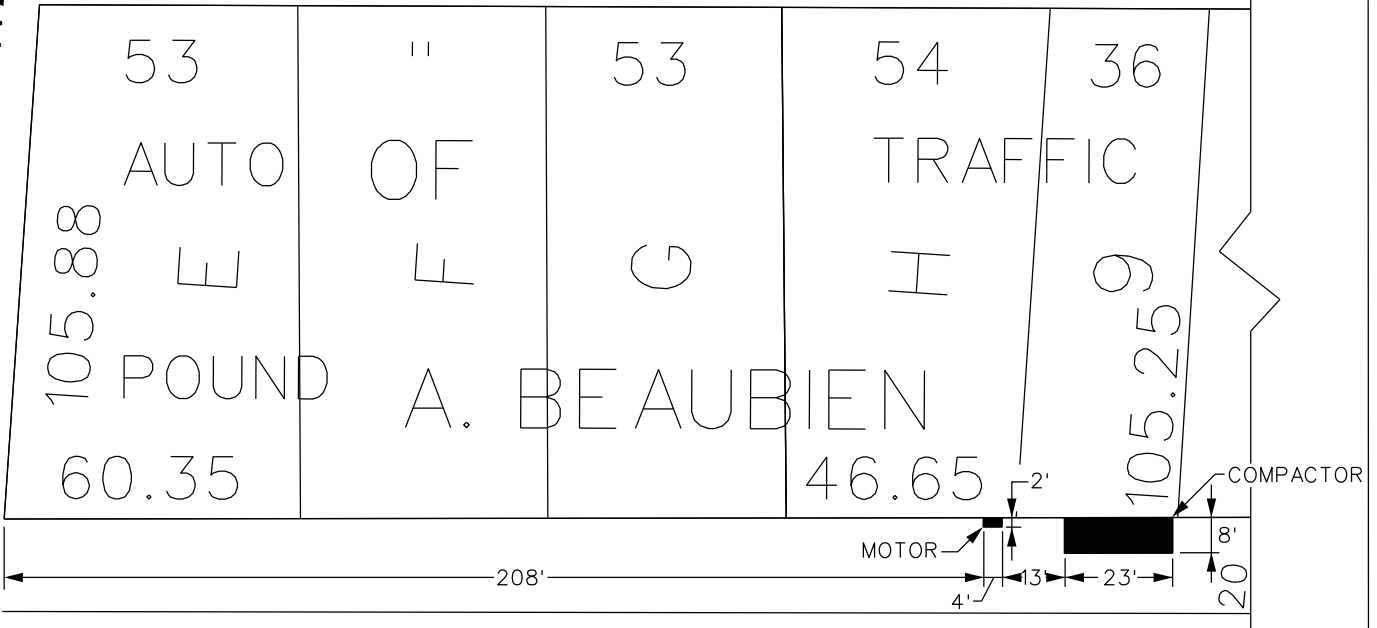
\_\_\_\_\_  
Area code – Telephone number

PETITION NO. 1344  
 GREEKTOWN PRESERVATION SOCIETY  
 541 MONROE ST.  
 DETROIT, MICHIGAN 48226  
 C/O TASSO TEFTSIS  
 PHONE NO. 313 732-5171



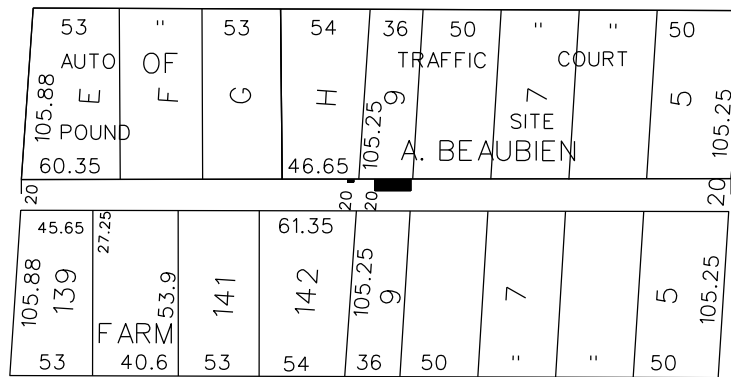
MACOMB ST. 60 FT. WD.

BEAUBIEN ST. 60 FT. WD.



MACOMB ST. 60 FT. WD.

BEAUBIEN ST. 60 FT. WD.



MONROE AVE. 50 FT. WD.

ST. ANTOINE ST. 60 FT. WD.



- REQUEST ENCROACHMENT  
 (With Compactor and Motor)

(FOR OFFICE USE ONLY)

CARTO 28 A

B					
A					
DESCRIPTION		DRWN	CHKD	APPD	DATE
REVISIONS					
DRAWN BY		CHECKED			
DATE		APPROVED			
12-09-16					

REQUEST ENCROACHMENT  
 INTO EAST/WEST PUBLIC ALLEY, 20 FT. WD.  
 AT 500 MACOMB ST.  
 (With Compactor and Motor)

CITY OF DETROIT CITY ENGINEERING DEPARTMENT SURVEY BUREAU	
JOB NO.	01-01
DRWG. NO.	X 1344

## **PROVISIONS FOR ENCROACHMENT For Petition 1344**

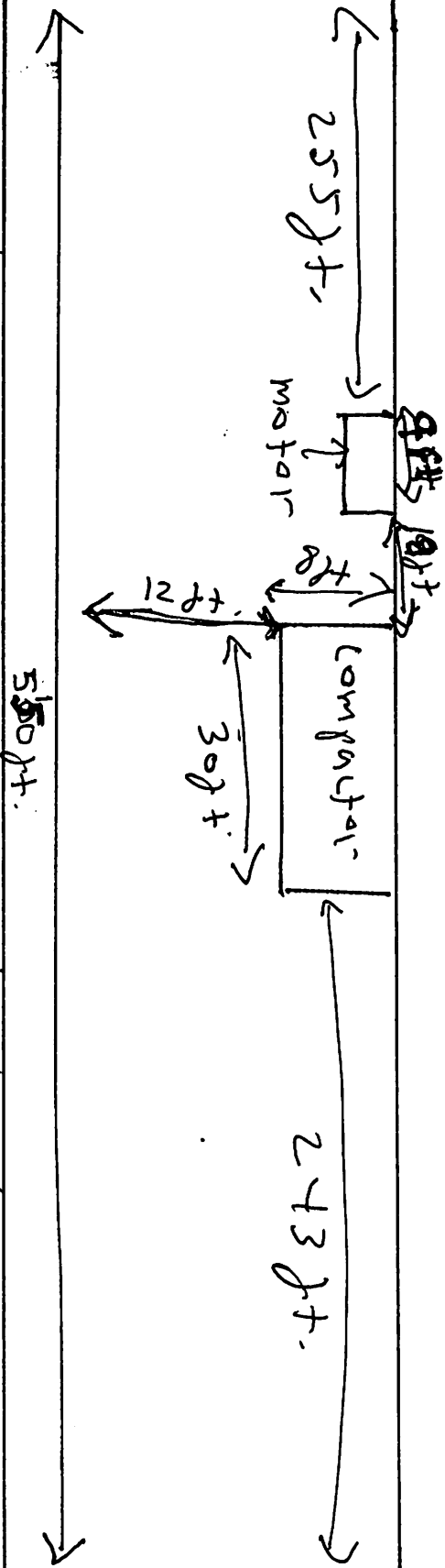
Detroit Water and Sewerage (DWSD) agree to the proposed encroachment subject to the fulfilling of the following provisions:

1. By approval of this petition the (DWSD) does not waive any of its rights to its facilities located in the right of way, and at all time, DWSD, its agents or employees, shall have the right to enter upon the right of way to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, dismantling, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to DWSD's facilities for maintenance, repairing, alteration, servicing or inspection caused by the encroachment shall be borne by the petitioner. All costs associated with gaining access to DWSD's facilities, which could normally be expected had the petitioner not encroached into the right of way shall be borne by DWSD.
2. All construction performed under this petition shall not be commenced until after five (5) days written notice to DWSD. Seventy-two (72) hours notice shall also be provided in accordance with P.A. 53 1974, as amended, utilizing the MISS DIG one call system.
3. Construction under this petition is subject to inspection and approval by DWSD forces. The cost of such inspection shall, at the discretion of DWSD, be borne by the petitioner.
4. If DWSD facilities located within the right of way shall break or be damaged as the result of any action on the part of the petitioner, then in such event the petitioner agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged DWSD facilities.
5. The petitioner shall hold DWSD harmless for any damage to the encroaching device constructed or installed under this petition, which may be caused by the failure of DWSD's facilities.

Bevbien St.

Bevbien Sidewalk

Freek town Parking Garage



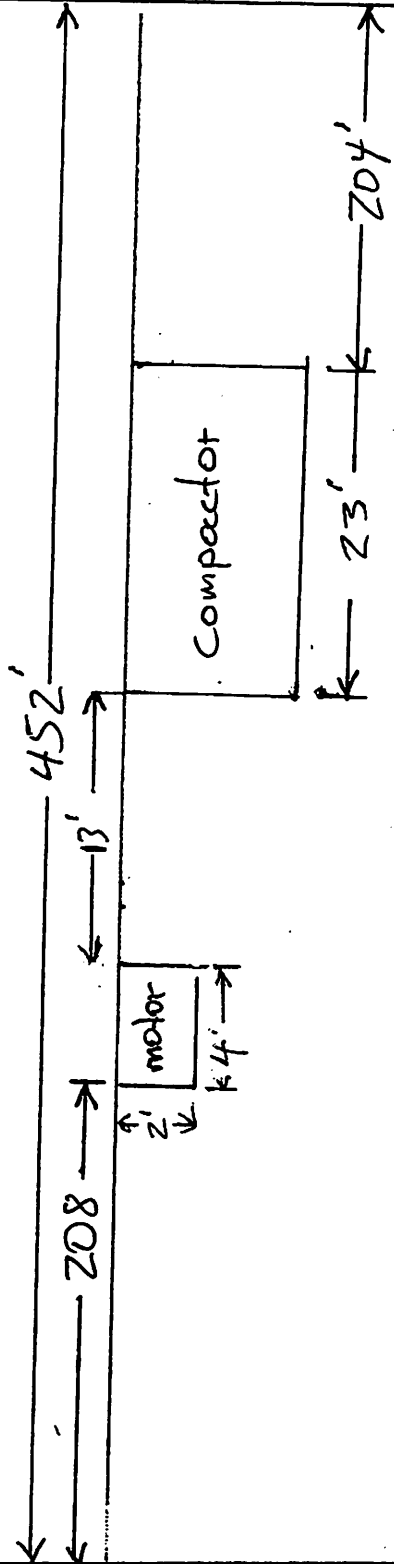
North  
Bnsinasse  
Freek town

S. Antoine Sidewalk

S. Antoine Street

St Antoine Sidewalk

Greektown Casino Valet Garage

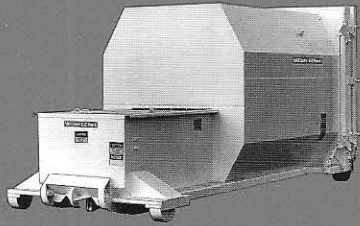


North Greektown Businesses

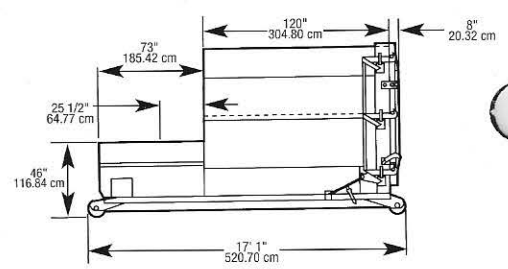
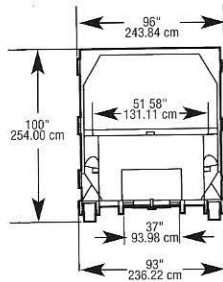
Braubien Sidewalk

20'

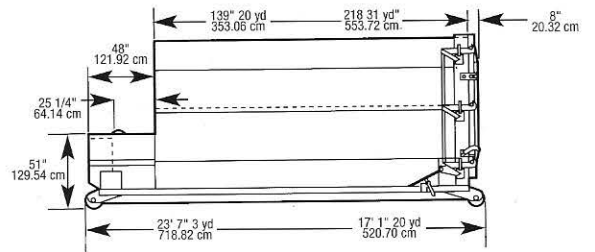
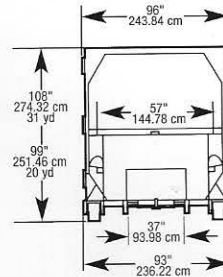
# Models



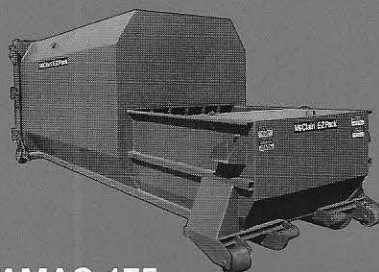
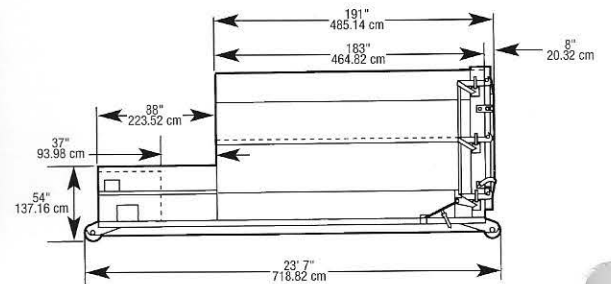
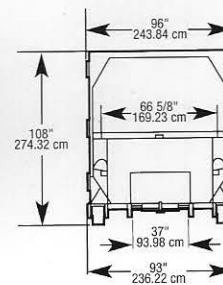
**MINI-MAG**



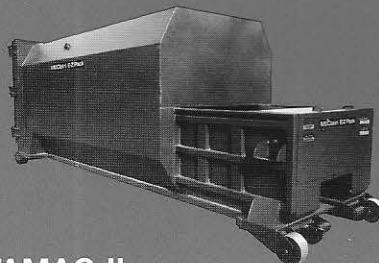
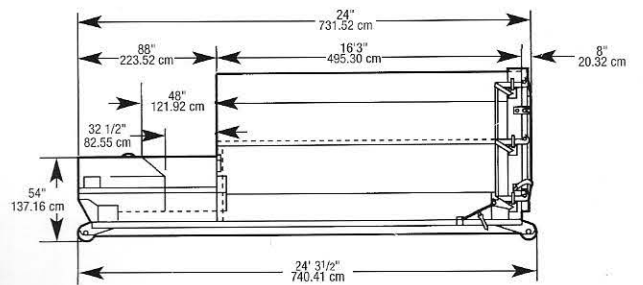
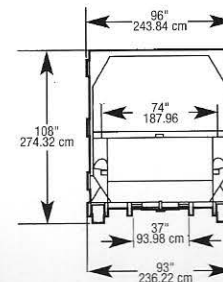
**OCTAMAG 3/4**



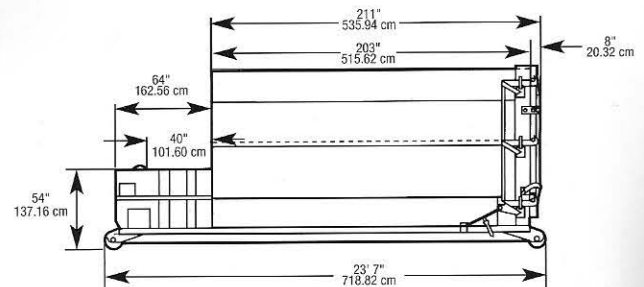
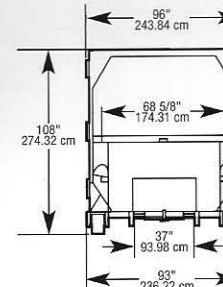
**OCTAMAG I**



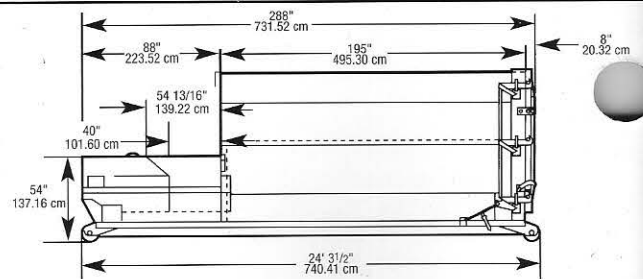
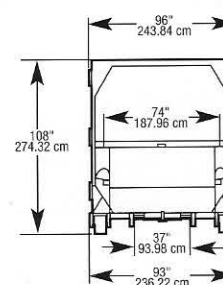
**OCTAMAG 175**



**OCTAMAG II**



**OCTAMAG 275**





## Container Specifications

Sides	7 ga. one piece lower, 10 ga. one piece upper
Roof	10 ga.
Door	**10 ga. with (3) hinges & (3) latches
Floor	7 ga. one piece
Crossmembers	3" channel on 16" centers
Main Rails	6" x 2" x 1/4" tubing
Pull Hook	Double end pull hooks
Wheel	(4) wheels with 1-7/8" axles
Zerk Fittings	All moving parts come with grease fittings
Seal	Half door seal

## Compactor Specifications

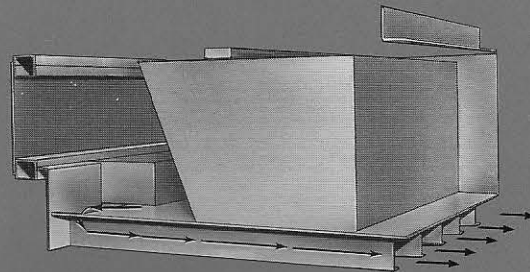
Sides	1/4" plate
Floor	7/16" plate
Breaker Bar	Boxed angle with hinged breaker bar teeth
Ram Face	7/16" plate
Ram Sides	1/4" plate
Ram Floor	7/16" plate
Ram Top	1/4" plate
Hydraulic Fittings	J.I.C. SAE fittings

\*\*Mini-Mag-2 Hinges

## Standard Features

Sump for fluids  
1/2 door seal  
U.L. listed control panel  
\*Pick-up hooks both ends  
Heavy duty hinges w/grease fittings  
Security/weather cover for  
power unit  
3" Fire plug port

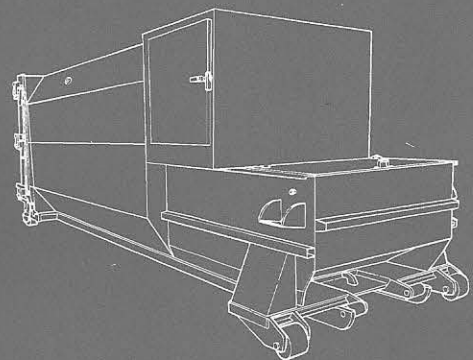
\* *Optional on Mini-Mag*



The clean Machine funnels any liquid seepage which occurs during compaction into an enclosed area underneath the charge box floor.

This liquid is automatically discharged at the disposal site, in effect flushing the container and the area behind the ram. Arrows above indicate flow of liquid into container.

OCTAMAG 275  
fully enclosed doghouse  
with side door and  
safety interlock (optional)



### Weatherproof Compactor Control System

"10 Hp. 9 gpm. Power Unit"  
or  
"5 Hp. 5 gpm. Power Unit"

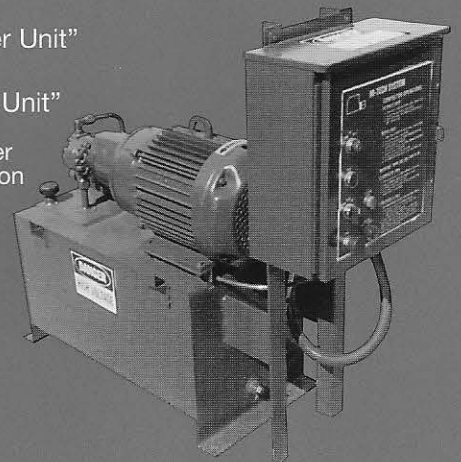
(All Units are Timer/Timer Control with the exception of the Octamag II which is a HI-TECH DR150)



**lwemi**

This equipment conforms to all applicable safety standards in ANSI Z245.2

We reserve the right to change designs and specifications without notice.



# Optional Accessories

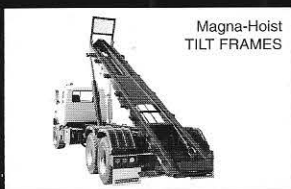
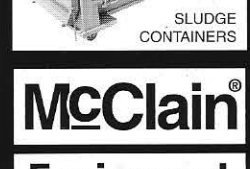
- Full door seal
- Fluid filled pressure gauge
- Fully enclosed doghouse w/side\_door (right or left)
- Walk-on ram cover
- Rear pick-up on Mini-Mag Safety interlock kit

- \* Advance warning light
- \* Full light
- \* Multi-cycle control
- Handrails
- Extra length hoses (6' std.)
- Side load hopper (r or l) 42"

- Rear load hopper 42"
- 1/4" floors
- 3/16" upper sides & roof
- 3/8" main rails
- and other as needed

\*Standard on Octamag II Series

# McClain Group HAS IT ALL!



**McClain**  
Engineered  
Smart  
Steel™

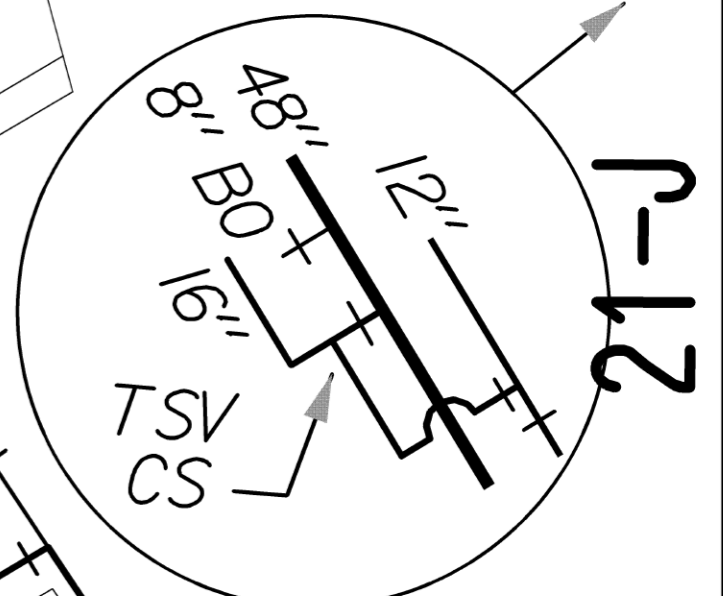
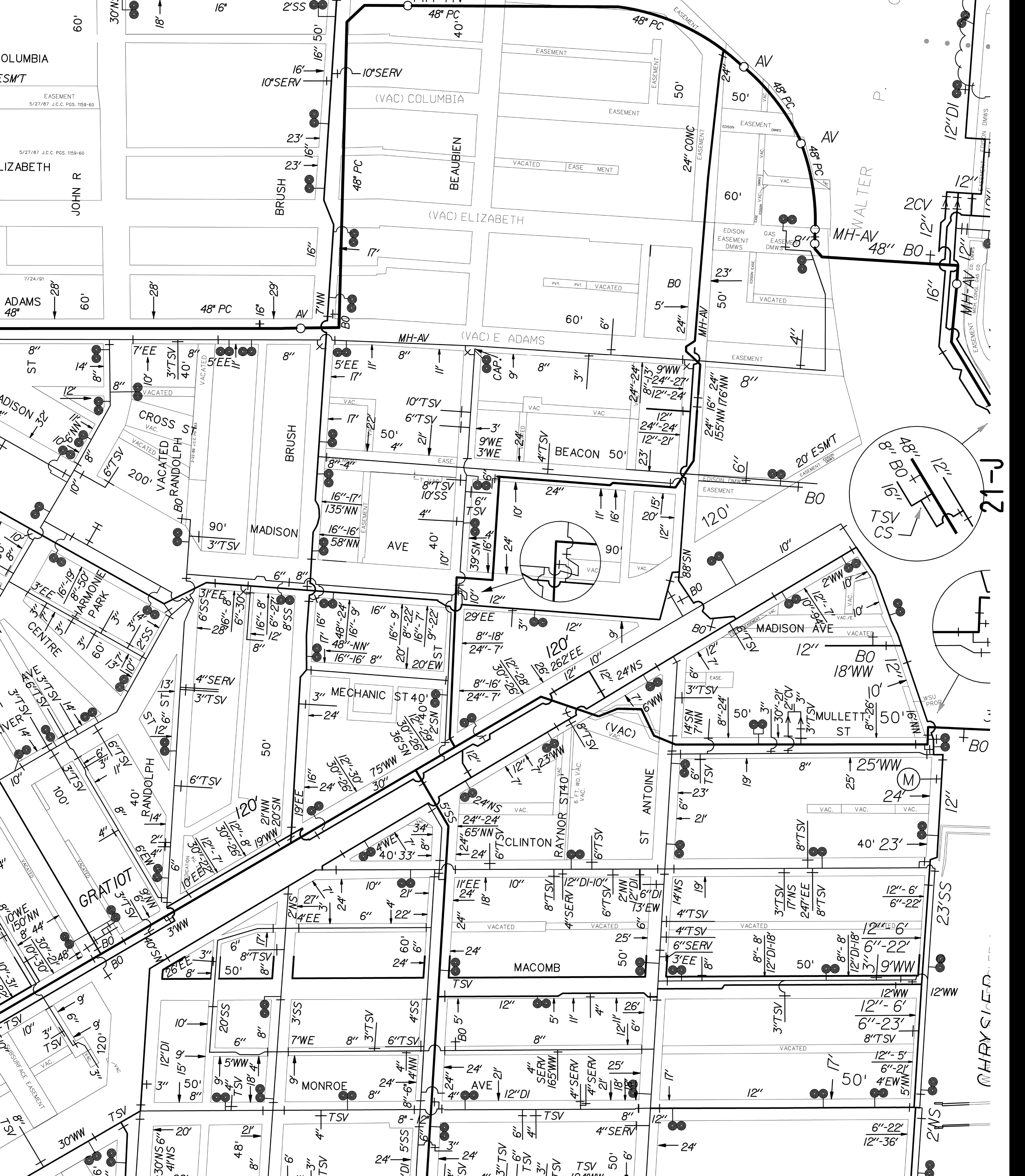
MODEL NUMBER	CONTAINER CAPACITY cu. yds. (cu. meters)	WASTEC BASE SIZE cu. yds. (cu. meters) MFR. BASE SIZE	CLEAR TOP OPENING LENGTH (L) WIDTH (W) inches (cm)	MFR. TOP OPENING LENGTH (L) WIDTH (W) inches (cm)	CHAMBER LENGTH inches (cm)	RAM STROKE inches (cm)	RAM PENETRATION inches (cm)	FORCE RATING NORMAL (N) MAX (M) (ram psi/force in pounds)	PUMP gpm @ 1750 rpm (lpm @ 1750 rpm)	RESERVOIR gallons (liters)	SYSTEM PRESSURES NORMAL (N) MAX (M) psi (kPa)	RAM FACE WIDTH (W) HEIGHT (H) inches (cm)	VOLUME DISPLACEMENT RATE cu. yds./hr. (cu. meters/hr.)	RATED MOTOR SIZE horsepower	CYCLE TIME seconds	GROUND HEIGHT inches (cm)	BASE UNIT WEIGHT pounds (kg)
MINI-MAG	15 (11.48)	0.56 (0.44) 0.64 (0.49)	L = 24.0 (60.96) W = 45.0 (114.30)	L = 27.0 (68.58) W = 45.0 (114.30)	24.5 (62.23)	36.0 (91.44)	12 (30.48)	N = 20.1/ (22600) M = 23.2/ (25000)	5 (18.92)	10 (37.85)	N = 1750 (12100) M = 2000 (13800)	W = 44.75 (113.7) H = 24.0 (60.96)	53 (40.76)	5	38.3	NA	6000 (2722)
OCTAMAG 3/4	17' 19.8 (15.14) 22' 33.6 (25.69)	0.74 (0.56) 0.82 (0.63)	L = 25.5 (64.77) W = 50.0 (116.50)	L = 28.5 (72.39) W = 50.0 (116.50)	25.5 (64.77)	20.0 (50.80)	5.0 (12.70)	N = 16.7/ (22513) M = 19.08/ (34100)	5 (18.92)	10 (37.85)	N = 1750 (12100) M = 2000 (13800)	W = 50 (127) H = 27.0 (68.58)	102 (77.98)	5	26	NA	17' 6250 (2835) 22' 9900 (4491)
OCTAMAG I	29.3 (22.4)	1.31 (0.97) 1.50 (1.14)	L = 34.0 (86.36) W = 58.0 (147.32)	L = 37.0 (93.98) W = 58.0 (147.32)	34.0 (86.36)	40.0 (101.60)	10.0 (25.40)	N = 19.7/ (35300) M = 21.9/ (39200)	9 (34.06)	18 (68.13)	N = 1750 (12100) M = 2000 (13800)	W = 59.75 (151.8) H = 30.0 (76.20)	128 (94.03)	10	37	NA	9500 (4309)
OCTAMAG 175	35 (22.77)	1.08 (0.81) 2.20 (1.68)	L = 32.0 (81.28) W = 68.0 (172.72)	L = 45.0 (114.30) W = 68.0 (172.72)	32.0 (81.28)	40.0 (101.60)	8.0 (20.32)	N = 22.3/ (34361) M = 28.03/ (43200)	9 (20.32)	18 (68.13)	N = 1750 (12100) M = 2200 (15170)	W = 67.75 (172.1) H = 22.75 (57.78)	85 (64.98)	10	37.2	NA	10000 (4536)
OCTAMAG II	35 (22.77)	1.54 (1.17) 1.88 (1.44)	L = 40.0 (101.60) W = 60.0 (152.40)	L = 43.0 (109.22) W = 60.0 (152.40)	40.0 (101.60)	32.0 (81.28)	6.0 (15.24)	N = 21/ (38600) M = 24/ (43100)	9 (34.06)	18 (68.13)	N = 1750 (12100) M = 2000 (13800)	W = 59.75 (151.8) H = 30.0 (76.20)	148 (113.84)	10	37.4	NA	11000 (4990)
OCTAMAG 275	35 (22.77)	2.67 (1.33) 2.04 (1.02)	L = 40.0 (101.60) W = 68.0 (172.72)	L = 54.0 (137.16) W = 68.0 (172.72)	40.0 (101.60)	44.0 (111.76)	8.75 (22.23)	N = 27.9/ (43000) M = 34.1/ (52600)	9 (34.06)	18 (68.13)	N = 1750 (12100) M = 2200 (15170)	W = 67.75 (172.1) H = 22.75 (57.8)	94 (71.86)	10	51	NA	11000 (4990)

**McClain**®

**E-Z Pack**®

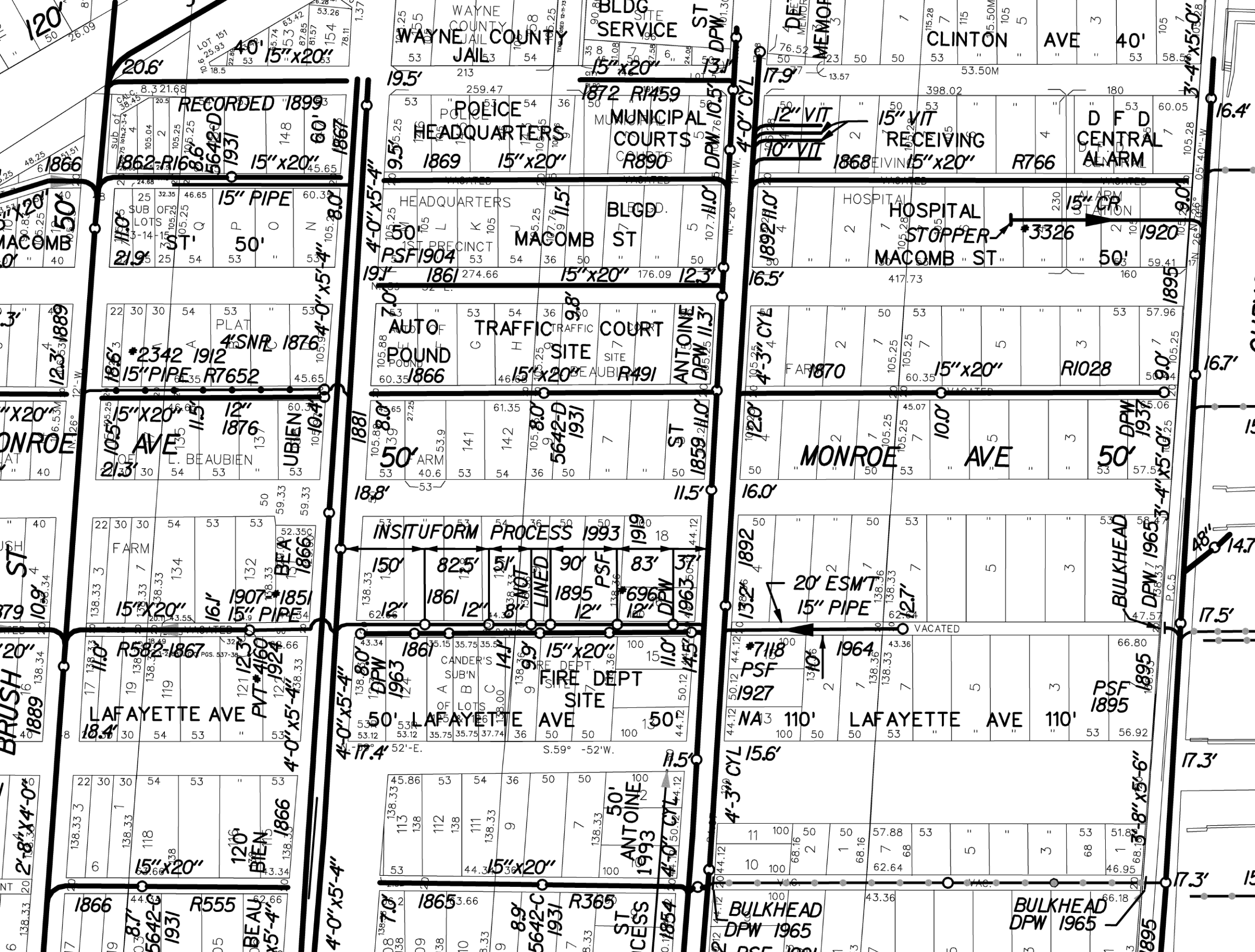
a McClain Group company

STERLING HEIGHTS, MI - (586) 264-3611 FAX (586) 264-3230  
 GALION, OHIO - (419) 468-2246 FAX (419) 468-5237  
 OKLAHOMA CITY, OK - (405) 691-6311 FAX (405) 691-4441  
 DEMOPOLIS, AL - (334) 289-5924 FAX (334) 289-5948  
[www.mcclaingroup.com](http://www.mcclaingroup.com)



21-J

CHARLES



WAYNE COUNTY JAIL

BLDG SERVICE

CLINTON AVE

RECORDED 1899

POLICE HEADQUARTERS

1872 R159 MUNICIPAL COURTS

RECEIVING

D F D CENTRAL ALARM

15" PIPE

HEADQUARTERS

BLGDD

HOSPITAL STOPPER

15" PIPE

TRAFFIC COURT

COURT

15" x 20"

15" x 20"

TRAFFIC COURT

COURT

15" x 20"

15" x 20"

INSITUFORM PROCESS

1993

20' ESMT

LAFAYETTE AVE

LAFAYETTE AVE

15" x 20"

15" PIPE

LAFAYETTE AVE

LAFAYETTE AVE

15" x 20"

15" PIPE

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15" PIPE

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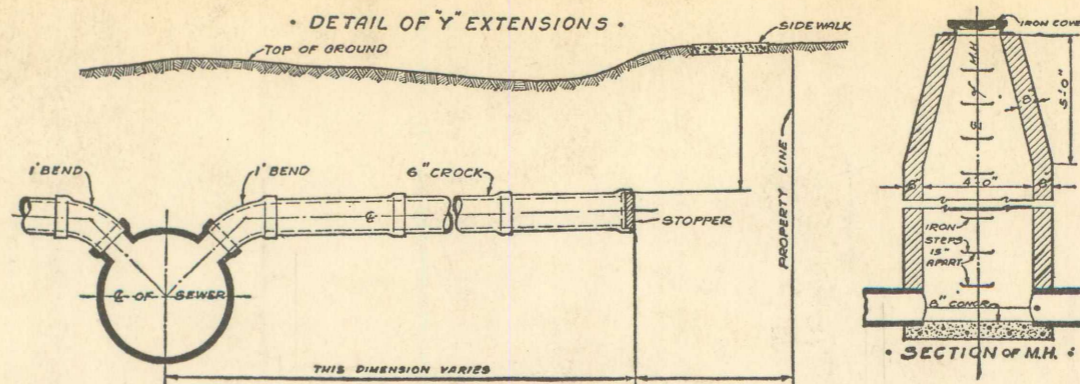
15" PIPE

BULKHEAD DPW 1965

# LATERAL SEWER IN ALLEY

IN BLOCKS BOUNDED BY

TOTAL LENGTH OF SEWER \_\_\_\_\_ FT. M. OR L.

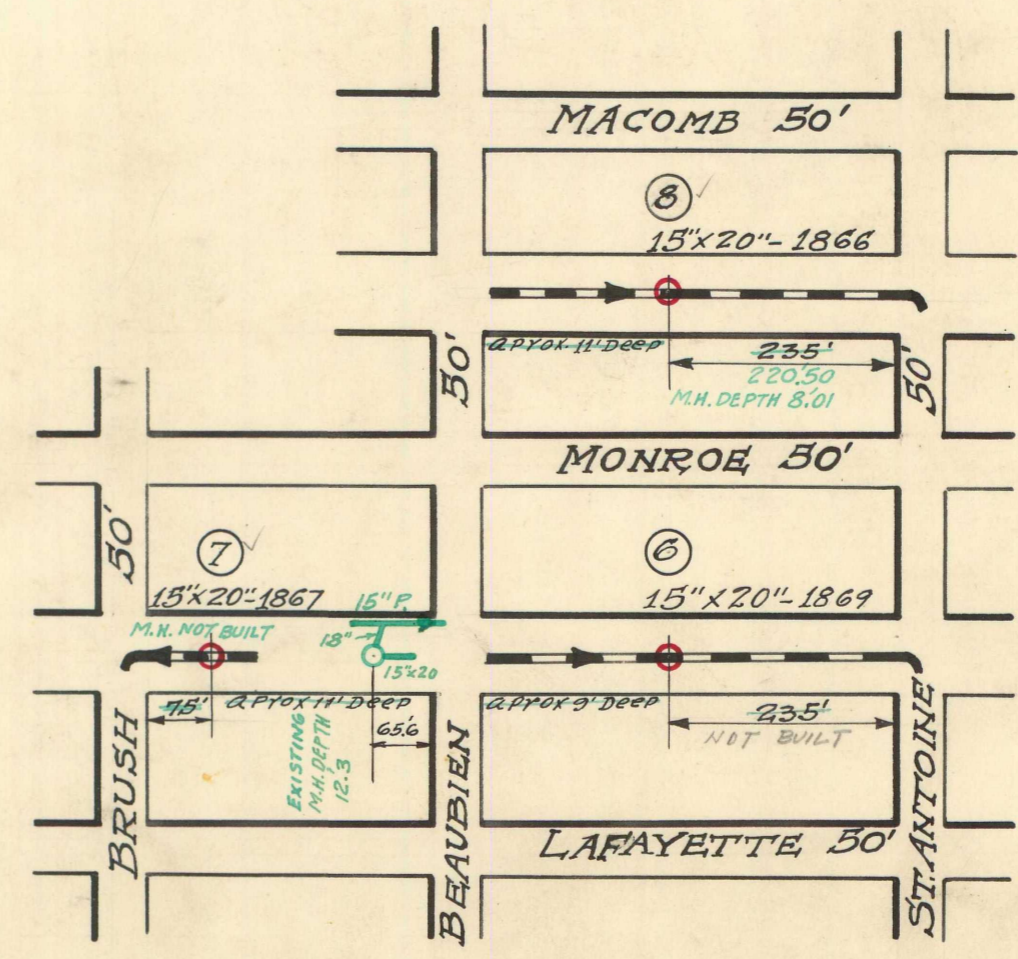
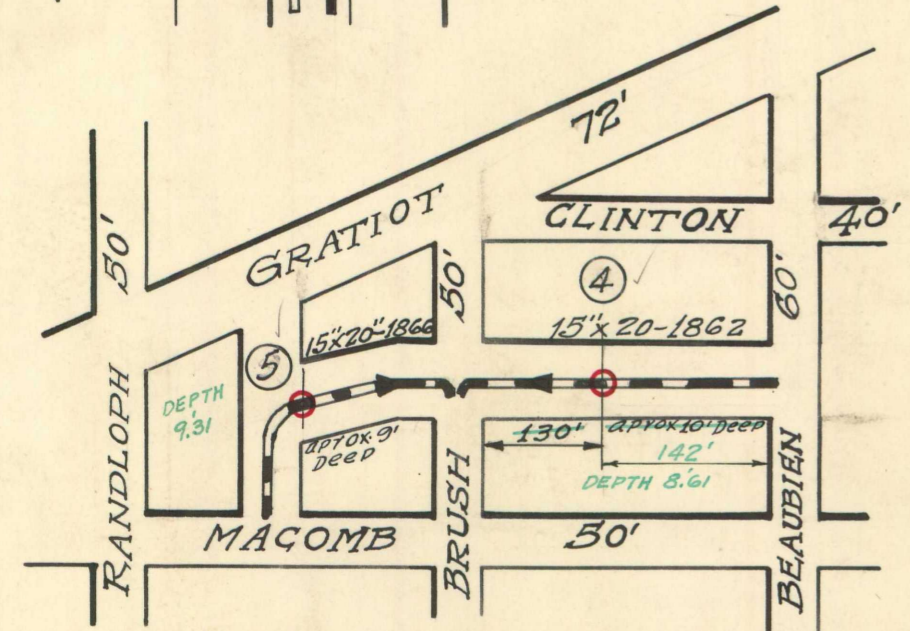
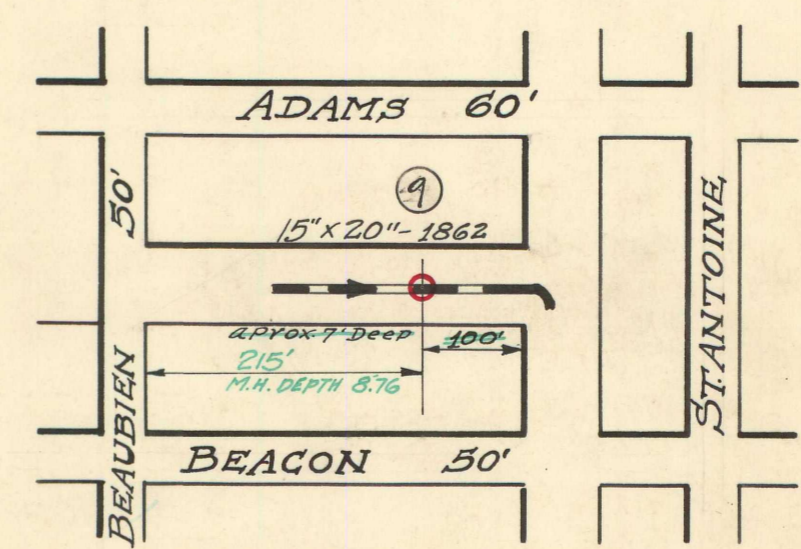
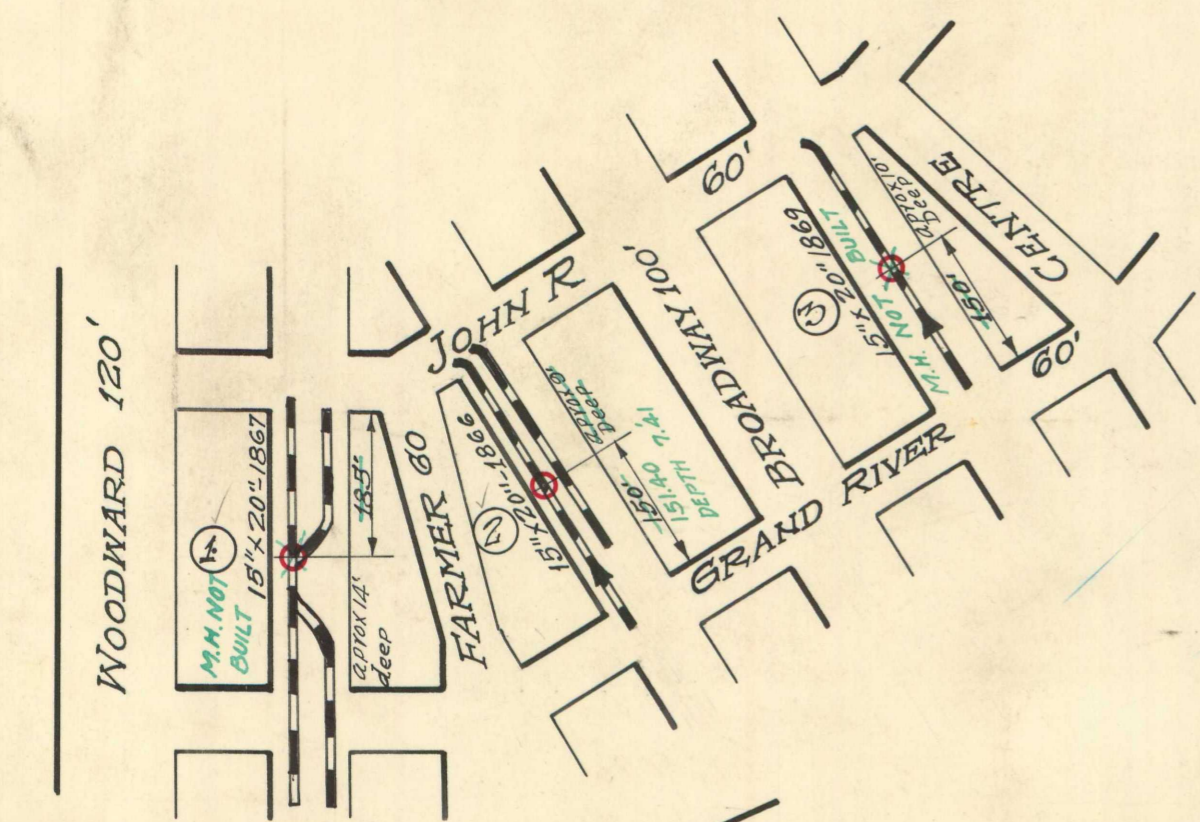


DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEER'S OFFICE  
DETROIT, MICH.

SEWER No. **5642D**  
ROLL No.

PETITION No. \_\_\_\_\_ DATE \_\_\_\_\_  
 RESOLUTION \_\_\_\_\_ BIDS OPENED \_\_\_\_\_  
 CONTRACT CONF'D \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 TIME LIMIT \_\_\_\_\_  
 CONT'R \_\_\_\_\_ PRICE \_\_\_\_\_  
 B. M. \_\_\_\_\_

46498



**NOTE--**Contractor to furnish and set as markers for all connections 1/2 inch iron rods 2 feet long with 3 inch tile collar 6 inches long.

**IMPORTANT NOTICE--**The location of all public utilities are taken from best available data: City is not responsible for variations from locations shown. Sidewalks, pavements, and other existing surface and underground public utilities, whether shown on drawings or not, must be adequately protected, and when damaged the contractor must restore them to their original status. Water mains and water service pipes if damaged, are to be repaired in a manner to meet the requirements of the Water Board. Sewer is to be built in tunnel under pavement, and backfilled with Class "C" concrete. Each bidder is expected to make his estimates of the facilities and difficulties attending the execution of the work, to do all necessary pumping and build or remove bulkheads when directed by City Engineer. All above costs to be borne by Contractors.

SCALE	VERTICAL	DRAWN	OK	CHECK
	HORIZONTAL 1"=200	TRACED		NOTE BOOK