

CITY OF SACRAMENTO

Permit No: 9809637

1231 I Street, Sacramento, CA 95814

Insp Area: 3

Site Address: 5555 FLORIN PERKINS RD SAC

Sub-Type: NOTHR

Parcel No: 0610180030

Housing (Y/N): N

CONTRACTOR

PRECISION PLUMBING CO
8 LIGHT SKY CT #1
SACRAMENTO CA

95828

OWNER

CITY OF SACRAMENTO
SACRAMENTO CA

95826

ARCHITECT

Nature of Work: INSTALL TWO RP'S AND BOOSTER PUMP

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name Lender's Address

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-36 License Number 689641 Date 9-29-98 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. B & PC for this reason:

Date Owner Signature

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 9-29-98 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier Cal Comp Policy Number CAIC10016354

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 9-29-98 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

Booster pump required.

Submit booster pump
sizing calculations
when completed.

Water Calculations for PG&E
Based upon the 1994 UPC Appendix A

JMT
9-29-98

FIXTURE DEMAND:
Water Closet (FU)
Urinal (FU) **ISSUED**

LAUS
Sinks
Hose bibs

SEP 29 1998
Sacramento Building Division

30 x 10 FU = 300 FU
18 x 5 FU = 90 FU
24 x 2 FU = 48 FU
10 x 4 FU = 40 FU
6 x 5 FU = 30 FU

Total Fixture Units = 508 FU

508 Fixture Units = 146 gallons per minute

RECEIVED

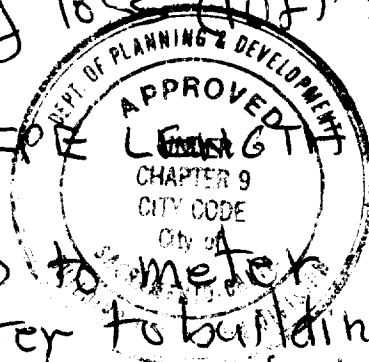
SEP 29 1998

STATIC LOSS:

Building Inspection Division

Rise street main to building pad 4.0'
Rise to highest outlet 6.0'
Static building loss (11ft x 0.43) = 4.3 psi

Developed pipe length 670'



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division. The approval of this set of plans and specifications SHALL NOT be held to permit or approve any violation of the City, State or Federal Code.

Pipe length tap to meter 15'
Pipe length meter to building 75'
Pipe length building to last fixture 670'
Total pipe length 760'
Total Developed length (760ft x 1.2 loss for fittings) = 912'

ISSUED

SEP 29 1998

Building loss =

Sacramento Building Division

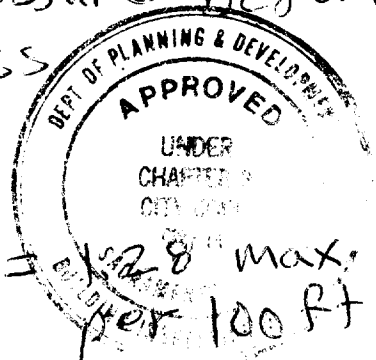
4" meter @ 146 gpm = 1.0
 3" reduced pressure zone backflow preventer = 8.0
 static = 4.3
 Flushometer = 15
 Building loss = 28.3

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Building Inspection Division

Permissible friction loss
 Available pressure before meter = 40 psi
 Building loss = 28.3
 Difference = 11.7



This plan or design is approved only as shown on the drawings and is not to be used for any other purpose without the approval of the City Engineer. The City Engineer is not responsible for the design or construction of the project.

$\frac{11.7}{912} \times 100 = 1.28$ max. psi drop allowable per 100 ft of pipe

Pipe Size Table

Chart A-6

Pipe size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
gpm	0	2.4	4.7	8.1	15	29	51	79	132	173
FU (FV)	0	0	0	0	2	12	50	150	443	720
FU (FT)	0	1	4	10	20	52	132	260	532	770

Available pressure = 11.7 psi
 Maximum pipe diameter required 4"
 15 psi required for flushometer
 4" ϕ existing water main

ISSUED

Chart A-6

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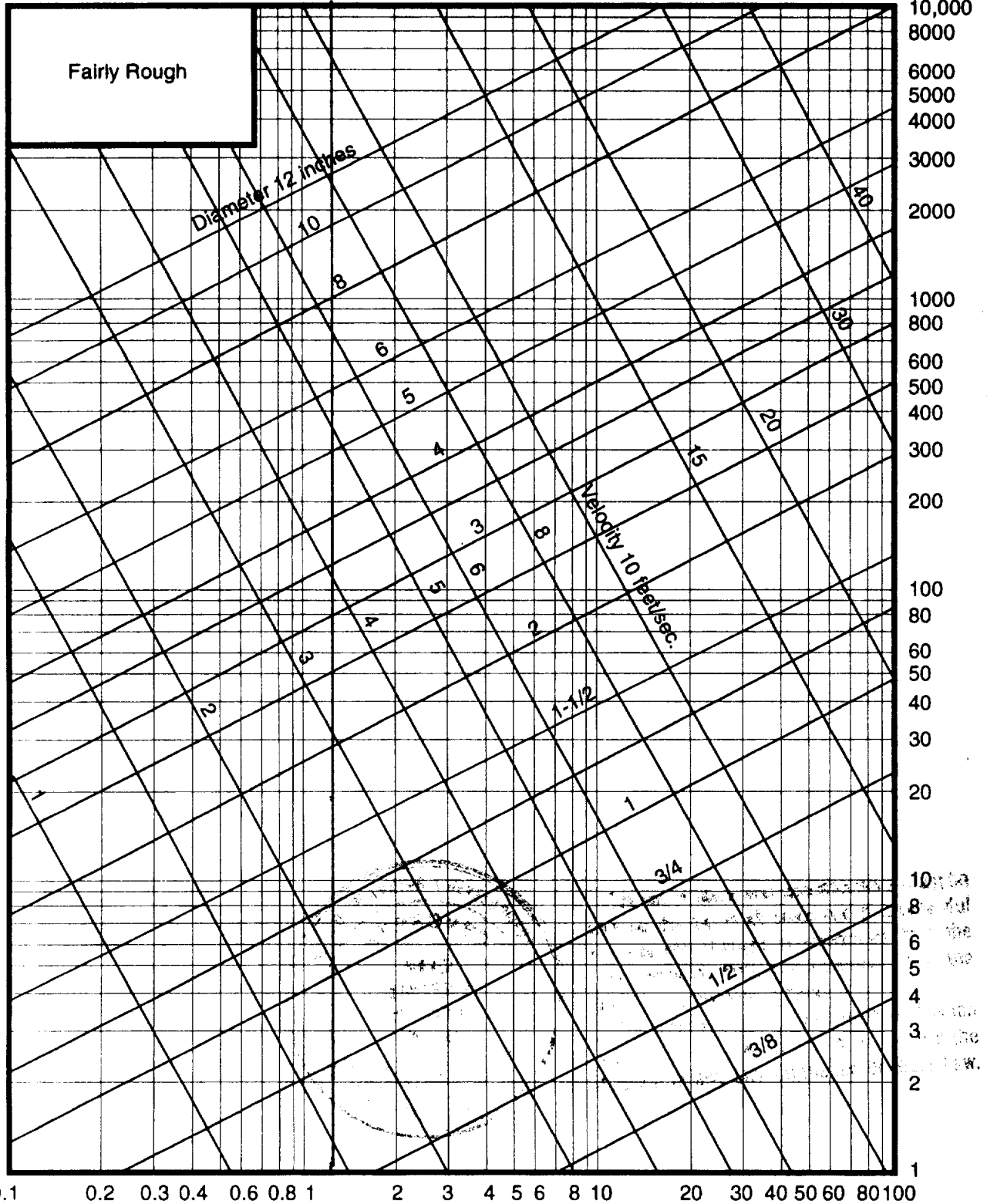
SEP 29 1998

UNIFORM PLUMBING CODE

SEP 29 1998

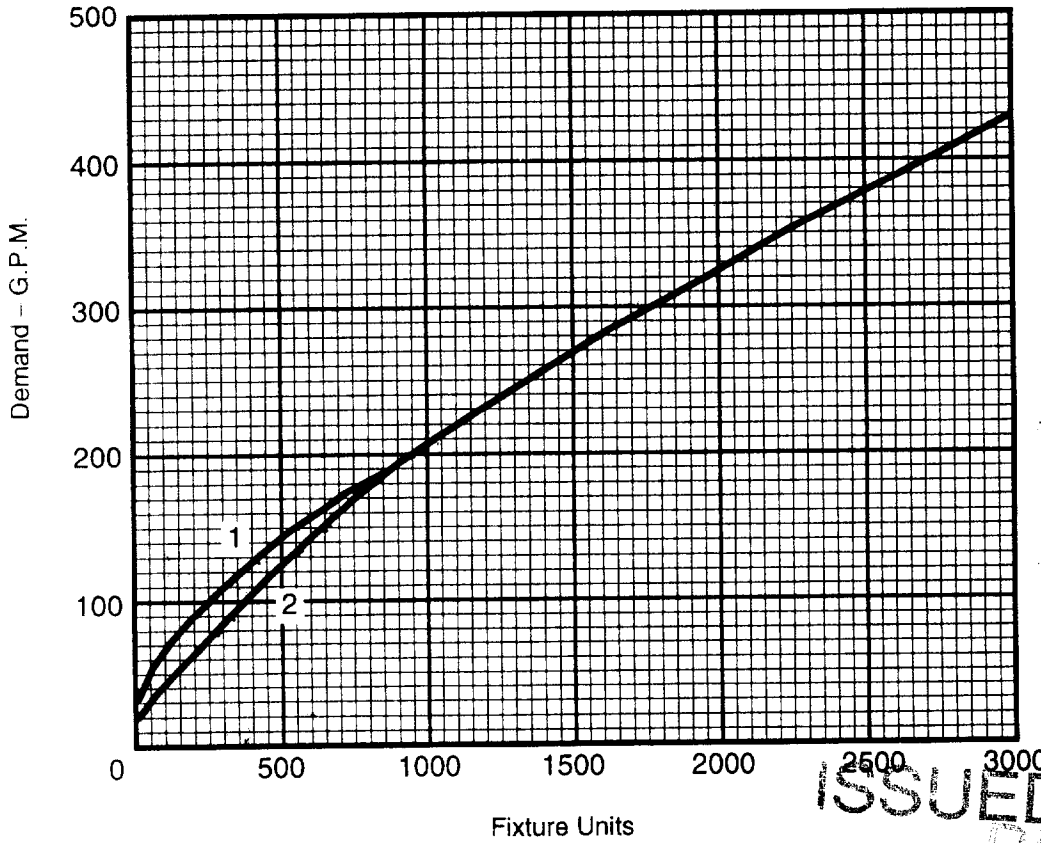
City of Building Division

CHART A-6



Friction Loss - Lbs. per Square Inch Head per 100 Foot Length

CHART A-2
Estimate Curves for Demand Load



No. 1 for system predominantly for flushometer valves
 No. 2 for system predominantly for flush tanks

DEPT. OF PLANNING & DEVELOPMENT
APPROVED
 UNDER CHAPTER 9
 CITY CODE
 DIV. OF
 BUILDING INSPECTION

ISSUED
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Sacramento Building Division
 Building Inspection Section

CHART A-3
Enlarged Scale Demand Load

