DEVELOPER-INSTALLED WATER MAINS
SEATTLE PUBLIC UTILITIES
SELECTIVE NOTES **ON PLANS FOR 4" THROUGH 12" WATER MAINS**
To be added as needed to the Required General Notes

A. Hydrant connection shall be 6" D.I.P. CL. 52 conforming to AWWA C-151 with cement mortar lining conforming to AWWA C-104.

B. Hydrant installation shall be per Standard Plan #311.

D. Hydrant traffic island protection shall be per Standard Plan #312.

E. Hydrant protection retaining wall shall be per Standard Plan #313.

F. Blowoff installation shall be per Standard Plan #340.

G. Valve box and operating nut extensions shall be per Standard Plan #315.1a

H. Concrete water main thrust blocking for vertical fittings shall be per Standard Plan #330.1.

I. Concrete water main thrust blocking for horizontal fittings shall be per Standard Plan #331.1.

J. Where shown on the plans, restrained joint pipe and fittings shall be TR Flex Restrained Joint as manufactured by U. S. Pipe Company or approved equal.

K. Where shown on the plans, pipe (W) and fittings shall be encased with polyethylene film conforming to AWWA C-105. Minimum thickness shall be 8 mil.

L. Where shown on the plans, pipe (W) and fittings shall be polyethylene tape coated conforming to AWWA C-124 and SPU Special Provisions.

M. Trench backfill for pipe with protective coating or polyethylene encasement shall be per Standard Plan #350. Class B bedding noted shall be mineral aggregate type 6 &7 (Sand).

N. Electrolysis test stations shall be per Standard Plan #360.1 with wiring connections per the wiring diagram on the plans.

O. Joint bonding shall be per Standard Plan #362.1.

P. Isolated couplings shall be per Standard Plan #363.

Q. Install 17 pound magnesium anodes a minimum of 3 feet below ground surface and a minimum of 12 inches apart as shown on the plans.

R. RJ pipe is required in those areas where terrain is greater than 15%, where soil is subject to liquefaction, where the area is defined as sensitive, where space is confined (no room for MJ or Conc. Block) and where required by SPU.