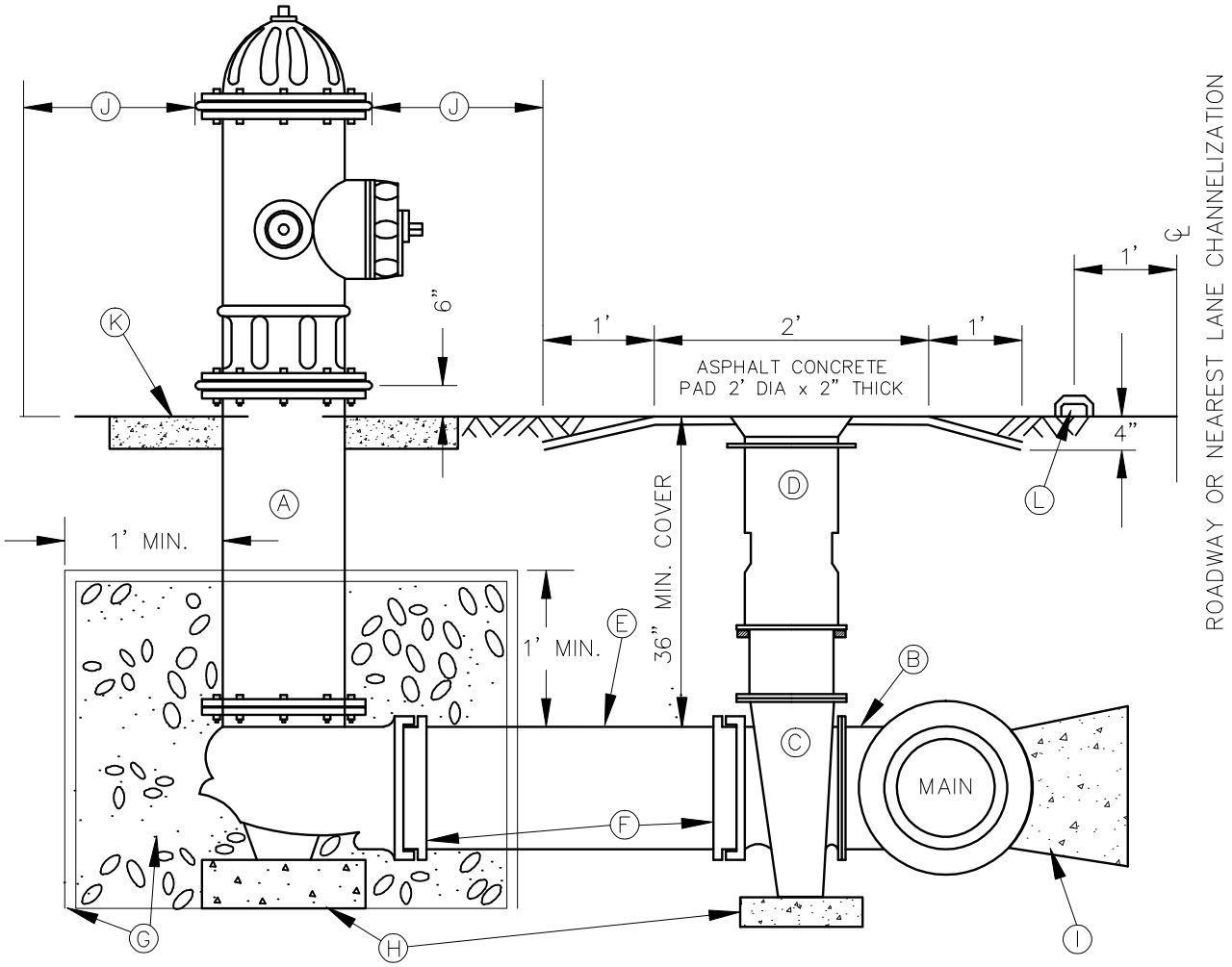

A. 1–5 1/4" M.V.O. HYDRANT WITH 2–2 1/2" N.S.T. AND 1–4" PUMPER PORTS, CITY OF SEATTLE STANDARD THREAD–M.J. INLET, WITH LUGS, BRASS TO BRASS SUB–SEAT. FIRE HYDRANT TO BE PAINTED WITH TWO COATS OF "SAFETY YELLOW," RUSTOLEUM, KRYLON, SHERWIN WILLIAMS, OR EQUAL. PUMPER PORT TO FACE STREET, OR AS DIRECTED BY THE FIRE DEPARTMENT.

B. 6" FLANGE OUTLET ON CAST OR DUCTILE IRON TEE.

C. 1–AUXILIARY GATE VALVE: 6" AWWA C509, RESILIENT SEAT, M.J.xFL. WITH LUGS.

D. 1–TWO–PIECE CAST IRON VALVE BOX EQUAL TO RICH SEATTLE TYPE #045 WITH RECESSED HANDLE LID.

E. 1–6" DUCTILE IRON CLASS 52 CEMENT–LINED PIPE, LENGTH TO FIT. WHERE MORE THAN ONE LENGTH OF PIPE IS REQUIRED, CONNECT PIPES WITH MECHANICAL JOINT SLEEVE, RESTRAIN PIPE AND SLEEVE WITH MEGALUG RESTRAINERS, OR RESTRAIN PIPES WITH UNI–FLANGE SERIES 1400 JOINT RESTRAINERS.

F. RESTRAIN MECHANICAL JOINTS WITH MEGALUG RESTRAINERS.

G. 1/2 YARD WASHED DRAIN ROCK (3" TO 3/8"), MIN. 1' ABOVE BOOT FLANGE PLACE 8 MIL POLYETHYLENE FILM AROUND TOP AND SIDES OF GRAVEL DO NOT BLOCK DRAIN HOLES.

H. 16"X8"X4" MIN. SIZE CONCRETE BLOCK UNDER HYDRANT AND VALVE.

I. CONC. BLOCKING PER STD DETAIL NO. W–1.

J. 3' MIN. RADIUS OF LEVEL GROUND AROUND OUTSIDE OF HYDRANT.

K. IN UNIMPROVED AREAS INSTALL 2' RADIUS BY 4" THICK CONCRETE PAD. PAD IS NOT REQUIRED IN AREAS WITH MOWED TURF, BEAUTY BARK, CRUSHED ROCK SURFACE, CONCRETE, OR ASPHALT.

L. INSTALL A BLUE, RAISED TYPE 2 PAVEMENT MARKER ON THE SAME SIDE OF ROAD AS THE HYDRANT, ONE FOOT OFF THE ROADWAY CENTERLINE, OR NEAREST LANE CHANNELIZATION.

City of Bellevue

WATER UTILITY

TITLE

FIRE HYDRANT ASSEMBLY

JANUARY 2010

NO SCALE

NO. W–13