HYDRANT

FINISHED GRADE

RESTRAINED JOINTS

SINGLE PLY ROOFING PAPER

1 CY OF 1/2" TO 1" CRUSHED STONE PACKED AROUND DRAIN HOLES

CONC. BLOCK SET ON UNDISTURBED EARTH

NOTE:
MECHANICAL JOINT PIPE W/ RESTRAINED JOINTS FOR BRANCHES OVER ONE LENGTH OF PIPE

2'-0"

5'-0" MIN.

RESTRAINED JOINTS

6" M.J. GATE VALVE

CURB OR EDGE OF PAVEMENT

6"D.I. PIPE

WATER MAIN

6" VALVE BOX

ANCHORING TEE WITH 6" TEE BRANCH (RESTRAINED M.J.)

CONCRETE THRUST BLOCK

UNDISTURBED EARTH

1 CY. OF 1/2"TO 1" CRUSHED STONE, 6" UNDER VALVE TO BASE OF VALVE BOX

NOTE:
1.) KCWA COLOR SCHEME FOR HYDRANT.
2.) INSTALLATION SHALL NOT OBSTRUCT SIDEWALK TO PEDESTRIAN OR PHYSICALLY IMPAIRED.
3.) REMOVAL OF EXISTING HYDRANT MAY REQUIRE ADDITIONAL RESTRAINT DESIGNED BY A PROFESSIONAL ENGINEER.

KCWA
"proudly serving"

HYDRANT.DWG

KENT COUNTY WATER AUTHORITY

HYDRANT

NOT TO SCALE

DATE: 09/2006