CUT-IN TO MAINS

MIN. 18" DUCTILE IRON NIPPLE
(REMOVE ANY AC COUPLINGS,
COLLARS, ETC.)

GATE VALVE (FL X MJ)

TEE (MJ X FL)

EX. AC WATERMAIN

UNDISTURBED SOIL

CONCRETE BLOCKING

ROMAC FLEX COUPLING

ROMAC FLEX COUPLING

EX. AC WATERMAIN

MIN. 18" DUCTILE IRON NIPPLE
(REMOVE ANY AC COUPLINGS,
COLLARS, ETC.)

CUT-INS TO EXISTING
AC WATERMAINS REQUIRE:
2 - 18" D.I. NIPPLES (MIN. LENGTH)
2 - ROMAC FLEX COUPLINGS

NOTES: ALL CONNECTIONS TO EXISTING MAINS WILL BE MADE
WITH HWD AFTER REQUIRED TESTING.
ANY CONNECTIONS TO RESTRAINED JOINT PIPE
SHALL ALSO BE RESTRAINED JOINT.
VALVE MARKER POST REQUIRED PER HWD STANDARD
DETAIL #10.
DISINFECT FITTINGS AND PIPE BEFORE MAKING CONNECTION.
PROVIDE SUPPORT BLOCK UNDER TEE AND VALVE.

CUT-INS TO EXISTING
C.I. OR D.I. PIPE REQUIRE:
1 - 18" MIN. D.I. NIPPLE
1 - SLEEVE (MJ)

18" MIN. DUCTILE IRON NIPPLE

D.I. SLEEVE (MJ)

EX. D.I. OR C.I. WATER MAIN

CONCRETE BLOCKING

UNDISTURBED SOIL

SPACER
(IF REQUIRED)

TEE (MJ X FL)

GATE VALVE (FL X MJ)

EX. D.I. OR
C.I. WATER MAIN
(REMOVE EX. BELLS,
COUPLINGS, ETC.)

CUT-IN USING SINGLE VALVE

NTS

REVISION DATE
1/7/04

DRAWN
SED
CHECKED
TDK

DISTRICT APPROVED

TDK

PLOTTING SCALE
NTS

FILE NAME
F:\DWGS\DETAILS-2004\HWD-002

DATE APPROVED
3/1/04

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