NOTES:

1. CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321, LATEST EDITION.

2. AN INTERNAL CYLINDER MAY BE WELDED TO THE PIPE TO BE INSERTED INTO THE ID OF THE EXISTING PIPE AND MINIMIZE JOINT MOVEMENT. HOWEVER, AN INTERNAL CYLINDER IS NOT RECOMMENDED FOR DOWNSTREAM CONNECTIONS.

FINISH GRADE

CAST IN PLACE CONCRETE ENCASEMENT

WATERSTOP GASKET

VARIES

CLASS I BEDDING TO SUPPORT CONNECTION & CONCRETE COLLAR

DOUBLE WIDE MAR-MAC COUPLER TO BE WRAPPED AROUND CONNECTION. USE MAR-MAC THAT IS ONE DIAMETER LARGER IN ORDER TO PROVIDE ADEQUATE OVERLAP.

CAST IN PLACE CONCRETE ENCASEMENT

EXISTING RCP PIPE

SECTION "A-A"

REMOVE IB BELL OR SPIGOT

HP PIPE TO BE CONNECTED

EXISTING GRADE

EXCAVATE EXISTING GRADE TO AVOID SOIL INTRUSION & TO CREATE SAFE WORK AREA

DOUBLE WIDE MAR-MAC COUPLER TO BE WRAPPED AROUND CONNECTION

CAST IN PLACE CONCRETE ENCASEMENT

VARIES

EXISTING GRADE

FINISH GRADE

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