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.

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

   HP PIPE TO BE CONNECTED
   EXISTING GRADE
   EXISTING RCP PIPE
   REMOVE IB BELL OR SPIGOT
   EXCAVATE EXISTING GRADE TO AVOID SOIL INTRUSION & TO CREATE SAFE WORK AREA

   CLASS I BEDDING TO SUPPORT CONNECTION
   FINISH GRADE
   VARIATES

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

   EXISTING RCP PIPE
   SECTION "A-A"

   DOUBLE WIDE MARMAC COUPLER TO BE WRAPPED AROUND CONNECTION

   REMOVE IB BELL OR SPIGOT

   EXISTING GRADE

   EXISTING RCP PIPE

   HP PIPE TO BE CONNECTED

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