NEW STEEL PIPELINE INSTALLATION

CONCRETE PAD Poured AGAINST UNDISTURBED GROUND

PLACE ROCK UNDER CI FITTING OR VALVE IN UNSTABLE GROUND

NEW STEEL PIPELINE

EXISTING PIPELINE

NEW FLANGE & HIPPLE

NEW CAST IRON FITTING OR VALVE PLACE ROCK UNDERNEATH IN UNSTABLE GROUND

NEW FLEXIBLE COUPLING

NEW PIPELINE

NEW STEEL PIPELINE

CONNECTION TO EXISTING STEEL PIPELINE

CONCRETE PAD Poured AGAINST UNDISTURBED GROUND

 existing pipe

NEW FLANGE & HIPPLE

NEW FLEXIBLE COUPLING

EXISTING PIPELINE

NEW PIPELINE

CONCRETE PAD Poured AGAINST UNDISTURBED GROUND

SECTION A-A

SECTION B-B

NOTES
1. Class "C" concrete pad to be poured against undisturbed trench wall after pipe is installed. Flange connection is made to CI fitting or valve.
2. Pad shall be poured to avoid interference with connections or special fittings.
3. Valves 12" & smaller shall be supported as shown herein. Refer to DWG #255 & DWG #279 for additional supports for valves 14" & larger.
4. Where valves are called out on construction drawings bolt valves to CI fittings & then proceed with support assembly as shown.