CONSTRUCTION DETAIL NO. 14

MANHOLE FRAME & COVER SHALL BE SSD STANDARD (SEE CONSTRUCTION DETAIL NO. 4)

INSTALL AT 4'-6" MINIMUM DEPTH*

MANHOLE STEPS @ 16" O.C.

* VERIFY DEPTH FOR COMPATIBILITY WITH EQUIPMENT PROVIDED

VULCANIZED BUTYL RUBBER SEALANT W/ TONGUE & GROOVE JOINTS

A.R.I. Model SAAR D-025 Air/Vacuum Valve

PRECcast CONCRETE MANHOLE W/ DOGHOUSE BASE

2" NIPPLE & GATE VALVE, ALL PIPING, NIPPLES, PLUGS, GATE VALVE, ETC. TO BE SCHEDULED 40, TYPE 316 STAINLESS STEEL

DUCTILE IRON SERVICE SADDLE TAPPED 2" NPT W/ DOUBLE STAINLESS STEEL STRAP-CARRIER PIPE DRILLED 2", USE PVC SERVICE SADDLE WHEN TAPPING PVC.

IN SOME CASES, THE DESIGN ENGINEER MAY SUBMIT AN ALTERNATE DESIGN WHICH INCORPORATES A REMOTE MOUNTED AIR/VACUUM VALVE WHICH IS CONNECTED TO THE FORCE MAIN BY AN APPROPRIATELY-SIZED PIPING ARRANGEMENT, COMPLETE WITH ISOLATION VALVES AND VAULT.

ANY ALTERNATE DESIGN SHALL COMPLY WITH ALL REQUIREMENTS OF SCDHEC R.61-67 AND SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL.

A.R.I. Model SAAR D-025 Air/Vacuum Valve

SEAL VOID W/ NON-SHRINK GROUT

CRUSHED STONE, 9" MIN.

SEWER FORCE MAIN AIR/VACUUM VALVE AND MANHOLE

SCALE: NONE
REVISION DATE: APRIL 13, 2009