DROPOUT PIPE ENCASEMENT

CAST IRON FRAME AND COVER (TYP) FINISH ONE COAT ASPHALTIC PAINT

FLEXIBLE RUBBER SLEEVE WITH STAINLESS STEEL STRAP (SEE DETAIL A-A)

WATERTIGHT SEWER MANHOLE FRAME AND COVER (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F), FLUSH WITH GRADE (24" MINIMUM DIAMETER)

PVC SEWER PIPE

PIPER SHALL BE BEVELED OR SQUARE

FLEXIBLE, RUBBER SLEEVE, LOCK-JOINT TYPE WITH STAINLESS STEEL STRAP, OR AS APPROVED

REINFORCING STEEL

STAINLESS STEEL STRAP

PVC SEWER PIPE

RUBBER SLEEVE

PLASTER ALL JOINTS

4" DIAMETER

8"

304 STAINLESS STEEL INFLOW PROTECTORS

MINIMUM OF TWO PRECAST CONCRETE OR HDPE RISER RINGS AND CHIMNEY SEAL (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F) BETWEEN MANHOLE AND CAST IRON FRAME

ALL INTERIORS OF MANHOLES (PUBLIC AND PRIVATE) SHALL HAVE INTERNAL PROTECTION (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F) AS SPECIFIED IN SECTION 099723

PLASTIC JOINT SEALING COMPOUND (SEE COUNTY APPROVED PRODUCT LIST, APPENDIX F) (TYP)

EXTERIOR SURFACES SHALL BE DOUBLE COATED (MINIMUM 18 MILLIMETERS THICK) WITH AN ACCEPTABLE BITUMINOUS OR EPOXY SEALER

#4 BARS ø 12" OC EW OR EQUAL PER ASTM C-478

2' CHANGE IN FLOW LINE OR GREATER

PIECE JOINTS TO BE CENTERED ON MANHOLE WALL

FLEXIBLE RUBBER SLEEVE WITH STAINLESS STEEL STRAP (SEE DETAIL A-A)

#4 BARS ø 12" OC EW (4'-0" DIAMETER)

#6 BARS ø 9" OC EW (5'-0" AND 6'-0" DIAMETER)

FLOW LINE CHANNELS SHALL BE CLAY BRICK HAVING A MINIMUM OF 2" POURED CONCRETE OR 2" GROUTED FINISH, 0.1" DROP ACROSS MANHOLE

SUREGRIP PADS (IF FLOOR LINER IS USED)

12" CRUSHED STONE

SECTION

DETAIL A-A

SECTION

DROP MANHOLE DETAIL NTS

REVISED: AUGUST 2008

WW—5