NEW SANITARY SEWER
1' MAX P.V.C. STUB

EXISTING SANITARY SEWER

EXISTING PIPE JOINT

MANHOLE STEPS

CAST-IN-PLACE CONCRETE
WITH REINFORCEMENT BAR
MAT CAN BE SQUARE

PLAN VIEW

SEE SANITARY MANHOLE
DETAIL SA-08 FOR REMAINDER

PRECAST CONCRETE DOGHOUSE
MANHOLE BARREL SECTION

SLOPE 1/2"/FT. (TYP.)

18" HIGH OUTSIDE FOUNDATION
WALL TO BE FORMED & FORMS
REMOVED AFTER CONCRETE
POUR (TYP.)

SECTION A-A

NEW MANHOLE CONSTRUCT
OVER EXISTING SEWER

SCALE: N.T.S.
DATE: 11/15/2011

SA-11

NOTES:
1. CONTRACTOR TO BUILD NEW MANHOLE EQUAL DISTANCE BETWEEN EXISTING PIPE JOINTS ON EXISTING SANITARY SEWER.

2. EXISTING PIPE SHALL BE THOROUGHLY CLEANED AND ADEQUATELY SUPPORTED PRIOR TO POURING CONCRETE FOR BASE.

3. REINFORCEMENT TO BE DETERMINED BY DESIGN CALCULATIONS AND SUBMITTED TO TOWN ENGINEERING DEPARTMENT FOR REVIEW. USE NO. 5 BARS, 12" O.C. EACH WAY MINIMUM.

4. PIPE ENTERING INTO SANITARY MANHOLE SHALL NOT EXCEED 90° ALIGNMENT AGAINST EXISTING SANITARY SEWER MAIN FLOW.

5. THE INTERIOR OF SANITARY MANHOLE BASE SECTION TO BE 12" MIN. ABOVE THE HIGHEST PIPE. THE INVERT AND BENCHWALL SHALL BE COATED WITH 2 COATS OF SIKAGRADO 62. ALL OTHER SURFACES SHALL HAVE 2 COATS KOPPERS SUPER SERVICE BLACK.

6. EXISTING SANITARY SEWER SHALL BE TELEVISIONED BEFORE AND AFTER CONSTRUCTION OF NEW SANITARY MANHOLE.