NOTES:
1) CONCRETE STRENGTH 5,000 PSI @ 28 DAYS. DENSITY 150 PCF.
2) CEMENT PER ASTM C 150-81.
3) AIR ENTRAINING PER ASTM C 233-82.
4) REINFORCING PER ASTM A 615.
5) FILL VOID UNDER BRIDGING SECTION WITH SUITABLE BEDDING MATERIAL.
6) PVC FITTINGS PER ASTM D 3034.

PRECAST CHIMNEY REPLACEMENT
NO SCALE
SAWCUT AND REMOVE DAMAGED PIPE SECTION OR JOINT.
INSTALL NEW SDR-35 PIPE.
MATCH EXISTING SIZE AND SLOPE.

12" MIN. 3/4" CRUSHED STONE

20' MAX. LENGTH

12" MIN. 3/4" CRUSHED STONE

RIGID GASKETED SDR-35 REPAIR COLLARS

WRAP STONE WITH FILTER FABRIC

PVC - SANITARY SEWER POINT REPAIR
NO SCALE
COLD APPLIED BITUMINOUS SEALER
ALTERNATE JOINT

FRAME & COVER CAMPBELL FOUNDRY
PATTERN 1047 MARKED "SEWER"

ADJUST TO GRADE WITH MIN. 2 AND MAX.
OF FOUR COURSES OF BRICK

PRECAST REINFORCED CONCRETE
MANHOLE ECCENTRIC CONE

WELDED WIRE FABRIC (TYP.)
LIFTING HOLES (TYP.)
(FILL WITH MORTAR)

PRECAST REINFORCED CONCRETE
TONGUE AND GROOVE RISERS AS
REQUIRED

OUTSIDE TO BE PAINTED WITH HEAVY
BITUMASTIC MATERIAL

PREFORMED PLASTIC GASKET OR
FLEXIBLE WATERTIGHT RUBBER
GASKET

PIPE ENTRANCE
WITH RUBBER BOOT

SAW CUT SANITARY SEWER MAIN AND
REMOVE EXISTING MANHOLE. INSTALL
NEW PIPE STUBS TO CONNECT TO
EXISTING MAIN.

BASE
4'-0" MIN.

RISER
VARIES

5'-0" WALL

ALUMINUM
STEP

4'-0" DIA.

7" TYP.

12" TYP.

4'-0" DIA.

3'-0" MIN.

10'-0" MAX.

10'-0" MAX.

CONCRETE OR BRICK &
MORTAR FORMED INVERT

5' OR 6' DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE
OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE
PLACED ABOVE THE 5' & 6' BASES AS DIRECTED BY THE ENGINEER. WALL
THICKNESS TO INCREASE 1" FOR EACH 1" OF INSIDE DIAMETER INCREASE.

PRECAST SANITARY SEWER REPLACEMENT
NO SCALE

SEWER REPAIR PACKAGE
TRUMBULL CONNECTICUT

PRECAST SANITARY
MANHOLE REPLACEMENT

SK-3
INSIDE DROP IN MANHOLE

NO SCALE

FLEXIBLE PIPE TO MANHOLE CONNECTOR
ASTM C923

MAXIMUM OPENING:
PIPE OD + 4"'

STUB

STOPPER

1' MIN.

6" MIN.

SECTION

BITUMASTIC AT CONNECTION

1/2" S.S. EXP BOLT W/ NUT & WASH

STAINLESS STEEL SPLASH PLATE

PLAN

STAINLESS STEEL SPLASH PLATE

PIPE STUB

INLET SEWER

CONCRETE COLLAR 6" AROUND PIPE OR 22" MIN.

PVC SEWER PIPE WITH 1/4" X 2" ALUMINUM STRAP ANCHORS @ 2' OC (DIA. EQUAL TO INLET)

90° PVC BEND MORTARED IN PLACE

ELEVATION

SHIELD FOR DROP MANHOLE

DIMENSIONS OF DROP INLET ARE SIMILAR TO THAT OF THE TYPICAL MANHOLE EXCEPT AS NOTED OTHERWISE
TEMPORARY PAVEMENT REPAIR

NO SCALE

SAWCUT EXISTING PAVEMENT

SAWCUT EXISTING PAVEMENT

4" BITUMINOUS CONCRETE BINDER COURSE, CLASS 1 INSTALL IN TWO LIFTS

8" SUBBASE

1'-6"

LIMIT OF DISTURBANCE

1'-6"
SAW CUT EXISTING PAVEMENT

2" BITUMINOUS CONCRETE SURFACE COURSE, CLASS 2

4" BITUMINOUS CONCRETE BINDER COURSE, CLASS 1
INSTALL IN TWO LIFTS

SAW CUT EXISTING PAVEMENT

12" PROCESSED AGGREGATE BASE

1'-6" MIN.

LIMIT OF DISTURBANCE

1'-6" MIN.

PERMANENT PAVEMENT REPAIR

NO SCALE