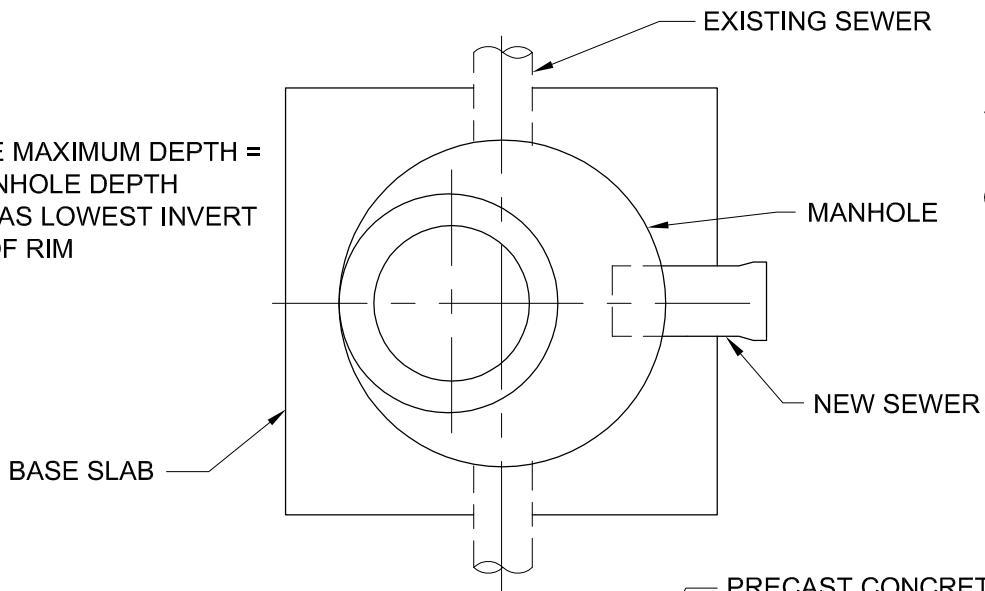


NOTE:

MANHOLE MAXIMUM DEPTH =
25'-0" MANHOLE DEPTH
DEFINED AS LOWEST INVERT
TO TOP OF RIM



SEE SANITARY SEWER MANHOLE
CASTING AND COVER (24") DETAILS

PLAN

PRECAST CONCRETE
ADJUSTMENT RING (TYP)
RINGS TO BE COATED AND SEALED
SMOOTH ON ALL INSIDE SURFACES,
3/8" THICK (MIN.) WITH HYDRAULIC
CEMENT HIGH STRENGTH GROUT.

FINISHED GRADE

MANHOLE STEP (TYP)
SPACING PER ASTM C-478
DOGHOUSE TYPE OPENING
RADIUS=1/2 PIPE O.D. + 2"
TOTAL HEIGHT=PIPE O.D. + 4"

MANHOLE CASTING AND ADJUSTMENT RINGS
TO BE SET & EMBEDDED IN BUTYL JOINT
MATERIAL AND CAPPED WITH HYDRAULIC
CEMENT GROUT OVER FRAME FLANGE,
ADJUSTMENT RINGS AND SECTION.

CONSTRUCT CONCRETE
CHANNEL AND BENCH IN FIELD,
SEE SANITARY MANHOLE
INVERT SHAPING DETAIL

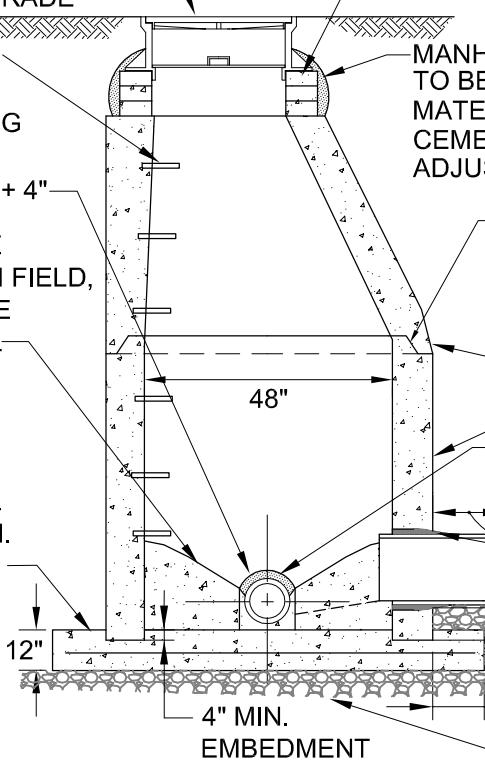
FIELD POUR BASE SLAB
UNDER EXISTING SEWER.
REINFORCE W/ #5 REBAR
@ 12" O.C. EACH WAY. ALL
REBAR TO HAVE 1-1/2" MIN.
COVER. CONCRETE TO BE
CLASS A-3.

JOINT SEAL TO BE IN ACCORDANCE
WITH SPECIFICATIONS SECTION 200.
GROUT INSIDE AND OUT AFTER
INSTALLATION W/ HYDRAULIC
CEMENT GROUT.

PRECAST CONCRETE
MANHOLE SECTIONS

APPLY WATERSTOP GROUTING BETWEEN
MANHOLE WALL AND EXISTING PIPE

12" MIN.
FLEXIBLE BOOT
CONNECTION PER
SPECIFICATION
SECTION 200.



SUPPORT PIPE AND MANHOLE
ON 6" MIN. OF COMPAKTED #57
STONE (GREATER DEPTHS MAY
BE REQUIRED IN POOR SOILS)

SANITARY SEWER STRADDLE MANHOLE

NOT TO SCALE