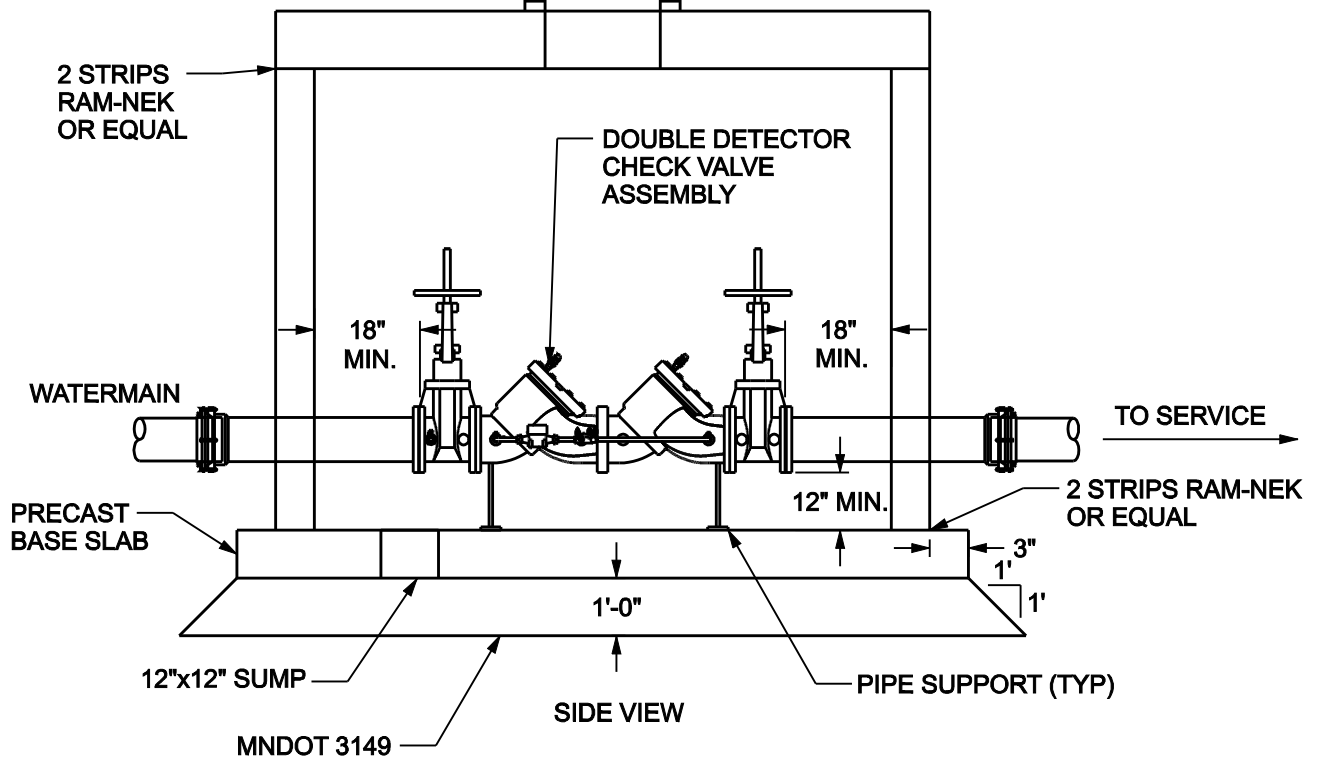


CASTING SEE WATER-3000

PLAN VIEW

12" WIDE POLYPROPYLENE (ASTM 2146) ENCASED MANHOLE STEPS CONFORMING TO ASTM C-478. C-478(M.A. INDUSTRIES PS-I-PF OR EQUAL) PLACED AT 16" ON CENTER. DELETE MANHOLE STEPS WHEN MANHOLE DEPTH EXCEEDS 20'.



2 STRIPS RAM-NEK OR EQUAL

DOUBLE DETECTOR CHECK VALVE ASSEMBLY

18" MIN.

18" MIN.

WATERMAIN

TO SERVICE

PRECAST BASE SLAB

2 STRIPS RAM-NEK OR EQUAL

12" MIN.

12"x12" SUMP

SIDE VIEW

PIPE SUPPORT (TYP)

MNDOT 3149

NO SCALE



DRW: JAS

DATE: 4/12/16

APP: CMD

DATE: 4/12/16

DOUBLE DETECTOR CHECK ASSEMBLY

STANDARD PLATE NO. WATR-2003