42" PRECAST MANHOLE TEE

PLAN

SECTION A - A

PRECAST MANHOLE TEE

MANHOLE RISER COLLAR SHALL BE CAST MONOLITHICALLY WITH THE MAIN PIPE

STEP (SEE NOTES)

STEEL REINFORCEMENT SHALL BE AS SPECIFIED IN CURRENT A.S.T.M. C-76 AND C-470

WALL THICKNESS SHALL BE AS SPECIFIED IN CURRENT A.S.T.M. C-76

5" 48" DIAMETER

5"

8'-0" LAYING LENGTH

48" AND 54" PRECAST MANHOLE TEE

PLAN

SECTION A - A

PRECAST MANHOLE TEE

MANHOLE RISER COLLAR SHALL BE CAST MONOLITHICALLY WITH THE MAIN PIPE

STEP (SEE NOTES)

WALL THICKNESS SHALL BE AS SPECIFIED IN CURRENT A.S.T.M. C-76

STEEL REINFORCEMENT SHALL BE AS SPECIFIED IN CURRENT A.S.T.M. C-76 AND C-470

5"

8'-0" LAYING LENGTH

5"

5" STIRRUP
60" THROUGH 144" PRECAST MANHOLE TEE

NOTES:
STACK SECTIONS SHALL BE ACCORDING TO STANDARD PLAN R-1-SERIES UNLESS OTHERWISE NOTED ON THIS PLAN.
STACK SECTIONS SHALL BE LOCATED ON LEFT OR RIGHT SIDE OF SEWER AS SPECIFIED ON THE PLANS.
GRAVEL MATERIAL CLASS III SHALL BE USED IN BACKFILLING AROUND ALL STRUCTURES THAT FALL WITHIN 111 INFLUENCE LINES FROM THE EDGE OF PAVEMENT OR BACK OF CURB.

STEPS SHALL BE OF AN APPROVED DESIGN AND MADE FROM CAST IRON, ALUMINUM, OR PLASTIC COATED STEEL. RUNGS SHALL BE A MINIMUM OF 10" IN CLEAR LENGTH. DESIGNED TO PREVENT THE FOOT FROM SLIPPING OFF THE END. THE MINIMUM HORIZONTAL FULL BUT LOAD SHALL BE 400 LBS. THE MINIMUM VERTICAL LOAD SHALL BE 800 LBS.

ALL SIZES AND FLOW LINES OF PIPES, AND ELEVATIONS FOR TOP AND BOTTOM OF STRUCTURES. SHALL BE DETERMINED FROM THE PLANS AND CONSTRUCTIONS REQUIREMENTS.