

STANDARD OR WATERTIGHT .

MANHOLE RING & COVER AS

5" MIN

STANDARD PRECAST CONCRETE MANHOLE

STANDARD DETAIL

REQUIRED

4-3/8" LAG BOLTS. PROVIDE MASTIC SEAL BENEATH FRAME

SEAL JOINTS PER

MANUFACTURERS RECOMMENDATIONS

EXTERNAL JOINT SEALS -

PER SPECIFICATIONS

EXTERNAL JOINT SEALS -

SLOPE 1-1/2" PER FT MIN -

BRICK & MORTAR

OR PRECAST INVERT

MIN WIDTH EOUAL -

TO OR GREATER

THICKNESS

IS CAST WITH

SECONDARY POUR OR FIELD BUILT —

3/4 OUTLET

PIPE DIA

PER SPECIFICATIONS

) PRECAST MANHOLE SHALL CONFORM

BUTYL SEALS BETWEEN JOINTS AND

MANHOLE RING SHALL BE FLUSH

WITH PAVED SURFACES AND LAWNS. SET 2 TO 3 FEET ABOVE GRADE

MANHOLE RIMS SHALL BE SET 2 FEET MIN.

ABOVE 100 YEAR FLOOD ELEVATION, OR

) USE 5' DIA, MANHOLE WHERE DEPTH

HOLES FOR CONNECTION OF PIPE TO

MANHOLE SHALL BE PRECAST OR CORE

OUTSIDE DIAMETER OR PIPE BY MORE

CONNECTION OF PIPE TO MANHOLE

TO ASTM C 923 OR NEOPRENE BOOTS EMBEDDED IN PRECAST BASE

SHALL BE MADE WATERTIGHT USING

WITH STAINLESS STEEL COMPRESSED

BANDS, AREA AROUND CONNECTION SHALL

BE GROUTED W/ NON-SHRINK GROUT ONCE

IF PIPES ARE GREATER THAN 12" DIA. AND/OR

THE ANGLE BETWEEN 2 OR MORE SEWER PIPES

ARE LESS THAN 60°, A 5' DIA. (MIN.) MANHOLE

6" ADHESIVE TAPE ON THE

IN UNIMPROVED AREAS.

USE WATERTIGHT LIDS.

THAN 3 INCHES.

PIPE IS INSTALLED.

DATE: REVISIONS

IS GREATER THAN 15 FEET.

TO ASTM C478 WITH AASHTO M198

TOP OF MANHOLE

SEE NOTES: 2,3

UNLESS INDICATED

RECAST CONCRETE GRADE RINGS

WITH MASTIC SEAL AND GROUT FOR GRADE ADJUSTMENT (12" MAX HEIGHT)

CONE SECTION

GROUT

AS NEEDED

- BASE SECTION

- FLEXIBLE SLEEVE

- GROUTED BENCH TO DIRECT FLOW

WHERE REQUIRED

— FXTENDED BASE

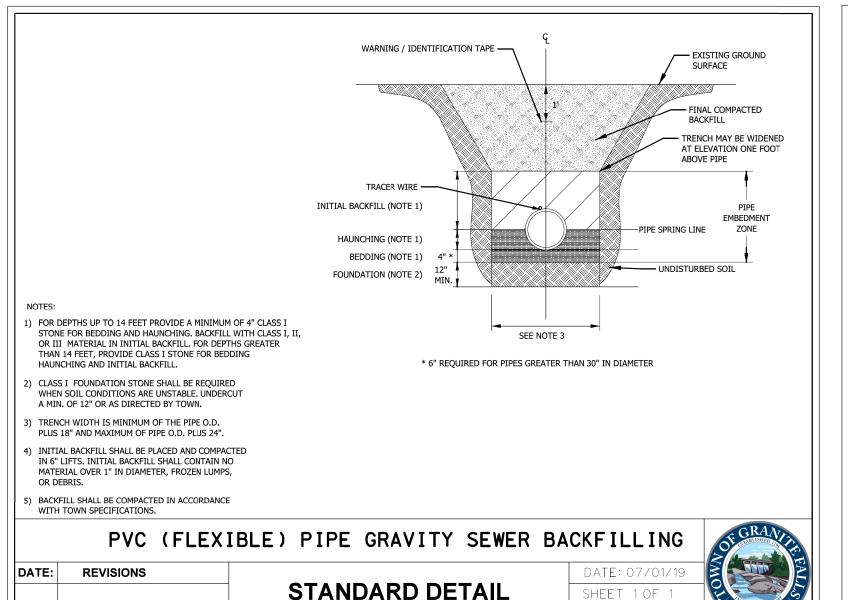
MIN. 12" NO. 67 STONE

SHEET 1 OF

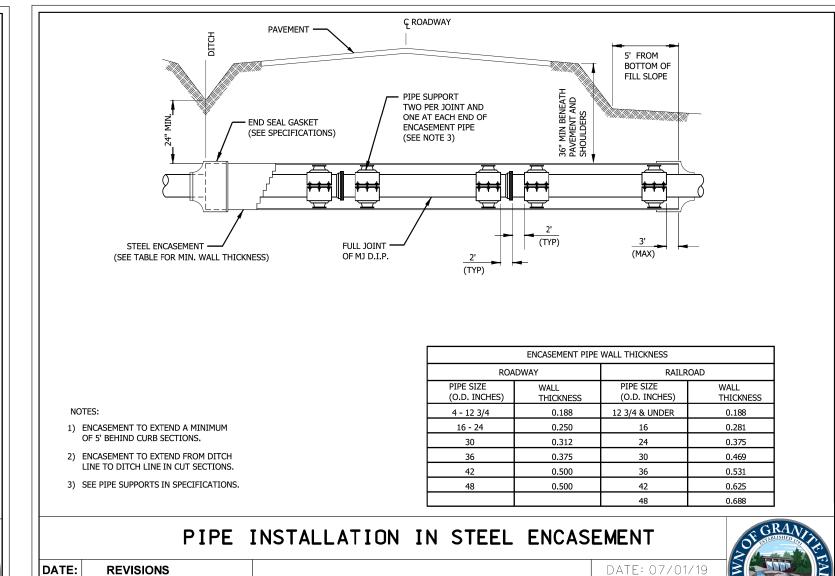
STD. No. S-1.01

WITH NON-SHRINKING

MAX. # OF RINGS - 2



STD. No. S-1.15



STANDARD DETAIL

SHEET 1 OF

STD. No. S-1.17

