

FINISHED GRADE

SEE DRAWINGS 305 & 306

NON-SHRINK GROUT,
MASCO FLASH OR
APPROVED EQUAL

GRADE RINGS,
MAX. 3 LAYERS,
12" MAX, 2" MIN.

FOR NEW MANHOLES,
USE KOR-N-SEAL
BOOTS (OR EQUAL).

FLEXIBLE JOINT
REQUIRED ON ALL
MANHOLES, NO GREATER
THAN 18" FROM
EXTERIOR MANHOLE
WALL.

PLASTIC MANHOLE
STEPS WITH
REINFORCING STEEL

CONNECTIONS TO
EXISTING MANHOLES
SHALL USE SANDED
PVC COLLAR WITH
GASKETED JOINT

NON-SHRINK
GROUT AROUND
PIPE

48" DIA.

MIN. PIPE
OD

18"
MAX.
TYP.

12"
MAX.

6"
MIN.

PIPE OD
VARIES

FLOW

BASE
HEIGHT
VARIES

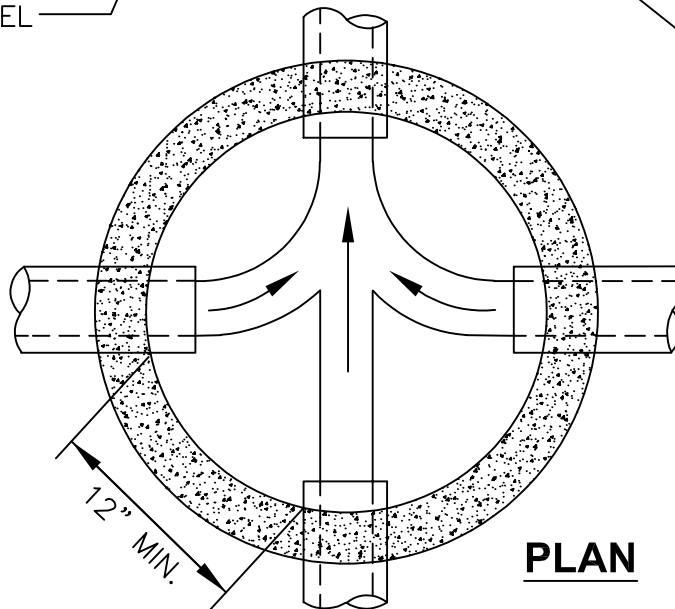
12" - 3/4"-0
COMPACTED ROCK
COMPACTION TO BE
95% & MEET T-180
REQUIREMENTS

FORM CHANNEL HEIGHT
TO 3/4 PIPE OD

CONSTRUCT CHANNEL
& SHELF IN FIELD

MANHOLE SECTIONS
AND REINFORCEMENT
TO BE CONSTRUCTED
IN ACCORDANCE
WITH THE MOST
CURRENT EDITION OF
OREGON STANDARD
SPECIFICATIONS FOR
CONSTRUCTION, OR
APPROVED EQUAL.

NOTE:
ALL CONCRETE
TO BE MINIMUM
4000 PSI
COMPRESSIVE
STRENGTH



PLAN

Public Works Standard Drawings

**MANHOLE -
STORM & SANITARY SEWER**

SCALE NTS

DATE JAN '24 REV. 1

ENGR. DW DRAWN KAE

DRAWING NO. 301

