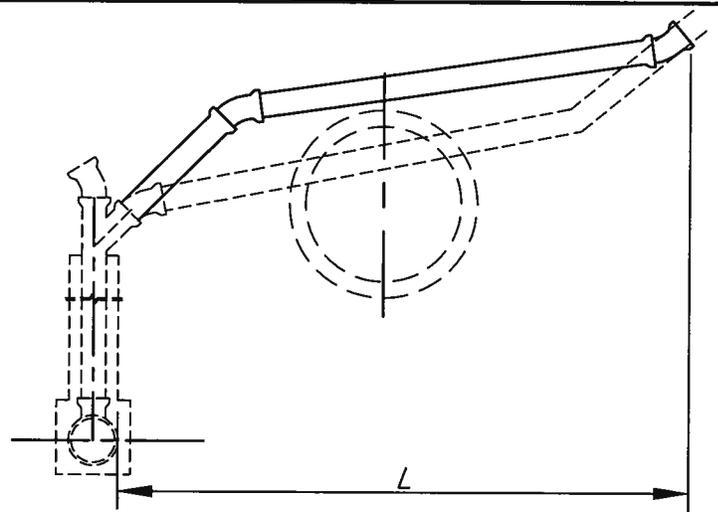
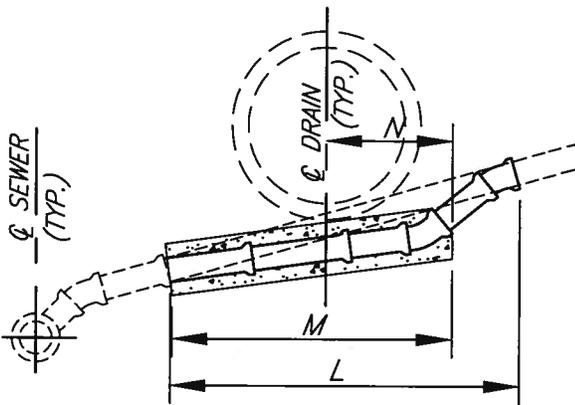


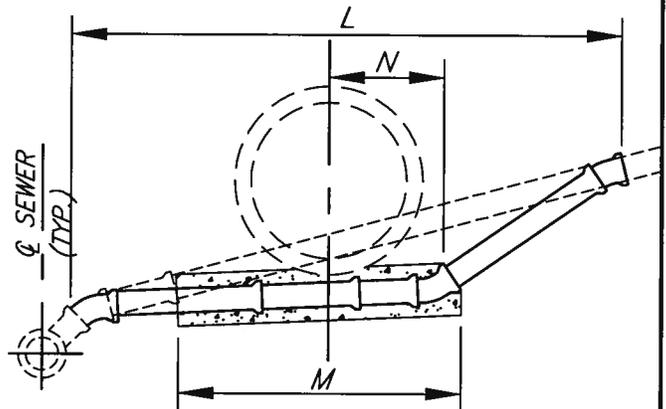
CASE - A



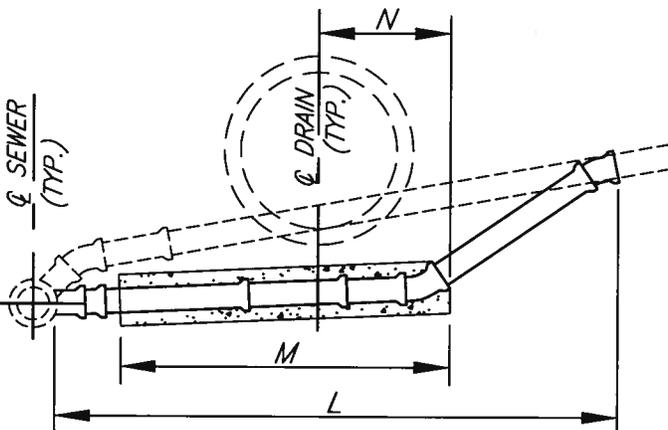
CASE - B



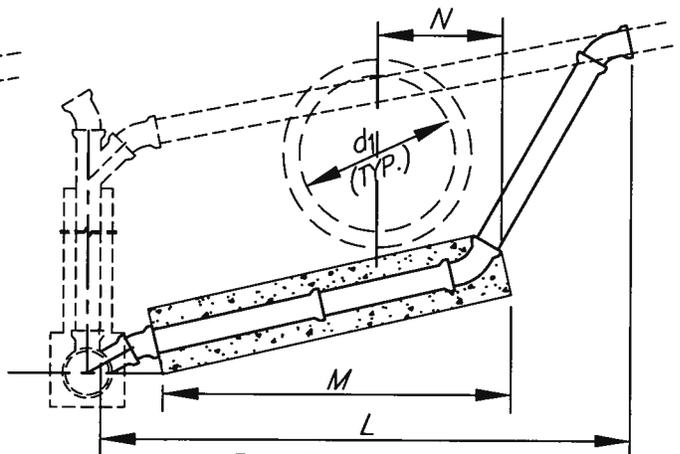
CASE - C



CASE - D

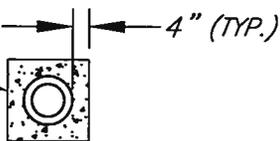


CASE - E



CASE - F

Class 420-C-2000
concrete encasement



CROSS SECTION OF CONCRETE
REINFORCEMENT FOR PIPE.

SEE SHEET 2 FOR NOTES
AND DESCRIPTION OF CASES.

APPROVED BY

[Signature]
PUBLIC WORKS DIRECTOR

5/18/11
DATE

CITY OF RIVERSIDE

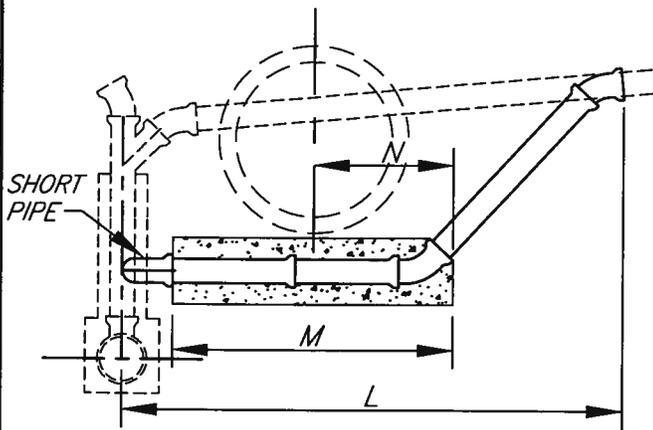
PUBLIC WORKS DEPARTMENT

REMODELING DETAILS FOR
SEWER LATERALS

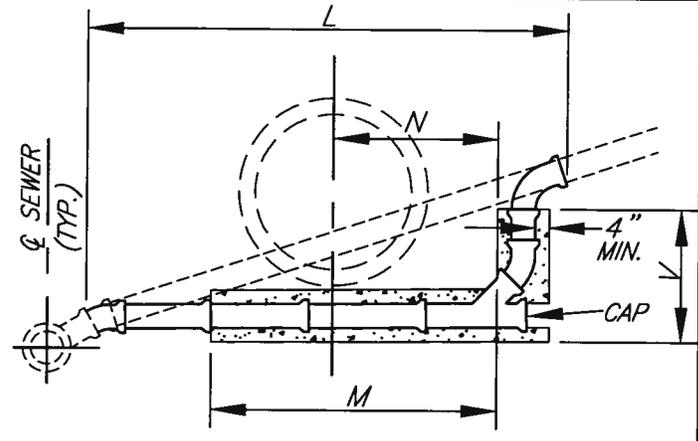
STANDARD DRAWING NO. 554

Sheet 1 of 2

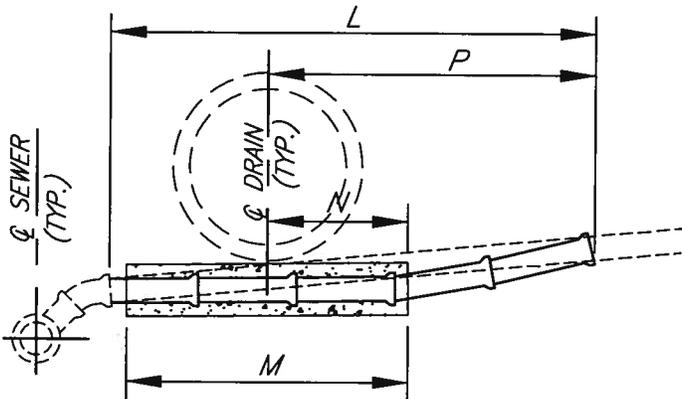
MARK	REVISIONS	APPR.	DATE



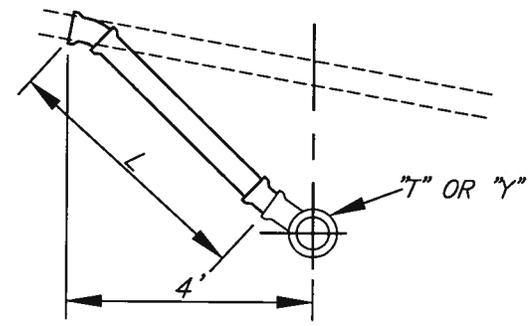
CASE - G



CASE - H



CASE - K



CASE - R

CASES:

- A. Above Drain to House Connection—Specials required: 2-1/8 Bends.
- B. Above Drain to Chimney - 2-1/8 Bends.
- C. Below Drain to House Connection - 2-1/8 Bends.
- D. Below Drain To "Y" - 3-1/8 Bends.
- E. Below Drain to Flat Saddle - 3-1/8 Bends, 1 Saddle.
- F. Below Drain To Saddle - 3-1/8 Bends, 1 Saddle.
- G. Below Drain to chimney - 2-1/8 Bends.
- H. Below Drain to "Y" - 3-1/8 Bends, 1 "Y".
- K. Below Drain to House Connection, Slope slightly modified.
- R. Connection with New Sewer - 2-1/8 Bends with "Y".
- 1-4"1/8 Bend with "T".

NOTES:

- 1. These details do not apply to conflicts between sewer laterals and water lines.
- 2. Existing pipes are indicated by broken lines.
- 3. Pipes to be constructed are indicated by solid lines.
- 4. All pipe diameters shall match existing lateral.
- 5. All bends shall be 1/8 bends unless specified otherwise.
- 6. Concrete reinforcement, cross section shown on sheet 1, shall be used on all pipes to be constructed under storm drain, top portion within 1" of storm drain to be omitted.
- 7. Dimensions:
 - L is specified on plans as the average total length.
 - M=(d1+24") less enough to avoid a fraction of a foot.
 - N 1/2M, except where specified otherwise on plan.
 - P₁ (case K) is specified where L does not extend to the bend.
 - V₁ (case H) is specified to the nearest foot and in summary, is itemized as concrete reinforcement for 6" pipe.
- 8. New connection to main line shall conform to standard drawing no. 562.
- 9. Joints shall be type G per the latest approved edition of Standard Specifications for Public Works Construction.
- 10. Material used for replacement segment shall be the same as the material used for the existing lateral.

APPROVED BY

[Signature]
CITY ENGINEER

5/18/41
DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

REMODELING DETAILS FOR
SEWER LATERALS

STANDARD DRAWING NO. 554

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