

THE METROPOLITAN DISTRICT BUREAU OF PUBLIC WORKS

115 BROAD STREET, HARTFORD, CONNECTICUT

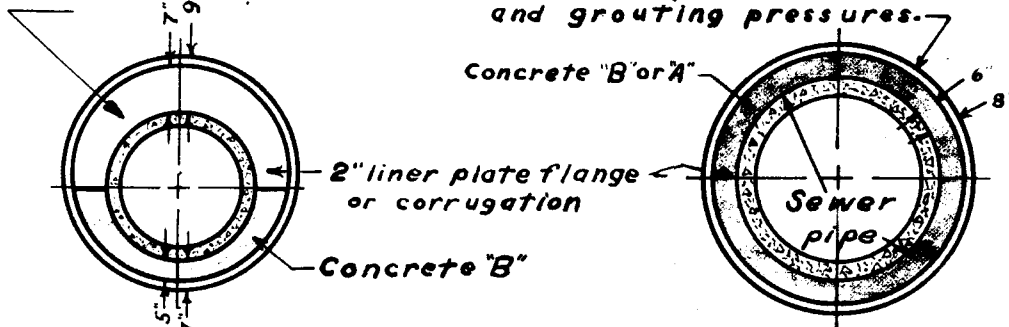
SEWER STANDARDS

SHEET : L

Grout all voids outside liner plates after excavation. After concreting, grout all voids left between liner plate and pipe using methods shown for timber tunnel or equivalent

Sand, gravel, or
concrete "B"

Steel liner plates. Min. thickness $\frac{1}{4}$ " or
more as required to resist soil loads
and grouting pressures.

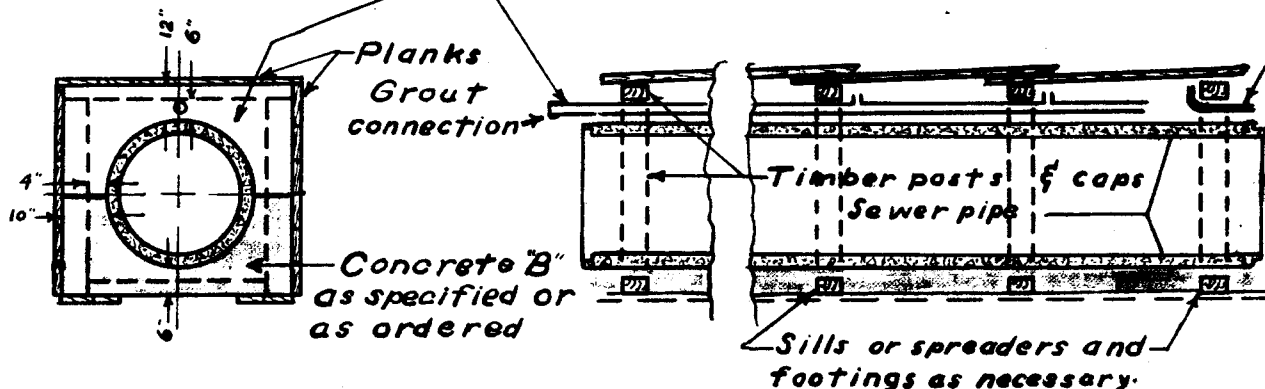


Clearances shown between pipe and liner plates are average. Tunnel shall be driven to within $2\frac{1}{2}$ " of true line and grade, and clearances shown shall not be reduced by more than $2\frac{1}{2}$ ". Contractor shall also provide reasonable working space if above clearances give too small a tunnel.

CROSS SECTION-SMALL PIPES CROSS SECTION-42" & LARGER PIPES STEEL LINER PLATE TUNNEL

Sand, gravel or concrete "B"
as specified or as ordered

Grout pipe with short risers behind each cap. In
concrete fill, ± 2 " grout hole made by withdrawing pipe form
after concrete is stiff enough, with void left for risers.
Provide air vent at far end of section being grouted.



Clearances shown between pipe and
timbering are minimum. Contractor
shall also provide reasonable working
space if above mins. give too small a
tunnel.

Grout all voids between sewer
pipe and tunnel lining using
methods shown or equivalent

CROSS SECTION LONGITUDINAL SECTION TIMBER LINED TUNNEL TYPICAL SECTION-PIPE SEWER IN TUNNEL

Scale: 1" = 4'

SERIAL NO. 10157

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JUNE 1950

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