

Thrust Restraint Design for Ductile Iron Pipe

Type of Fitting:

Tee

Diameter of Run:

36 in.

Diameter of Branch:

8 in.

Run Length (first joints):

40 ft.

Laying Condition:

Type 5

Soil Designation:

Clay 1

Depth Cover:

6 ft.

Design Pressure:

150 psi

Safety Factor:

1.5

Tee

Unit Frictional Force: 565 lbs/ft

Unit Bearing Resistance: 3,480 lbs/ft

Required restrained length for Tee Branch:

L = 0 ft

Polyethylene Encased L = 0 ft

