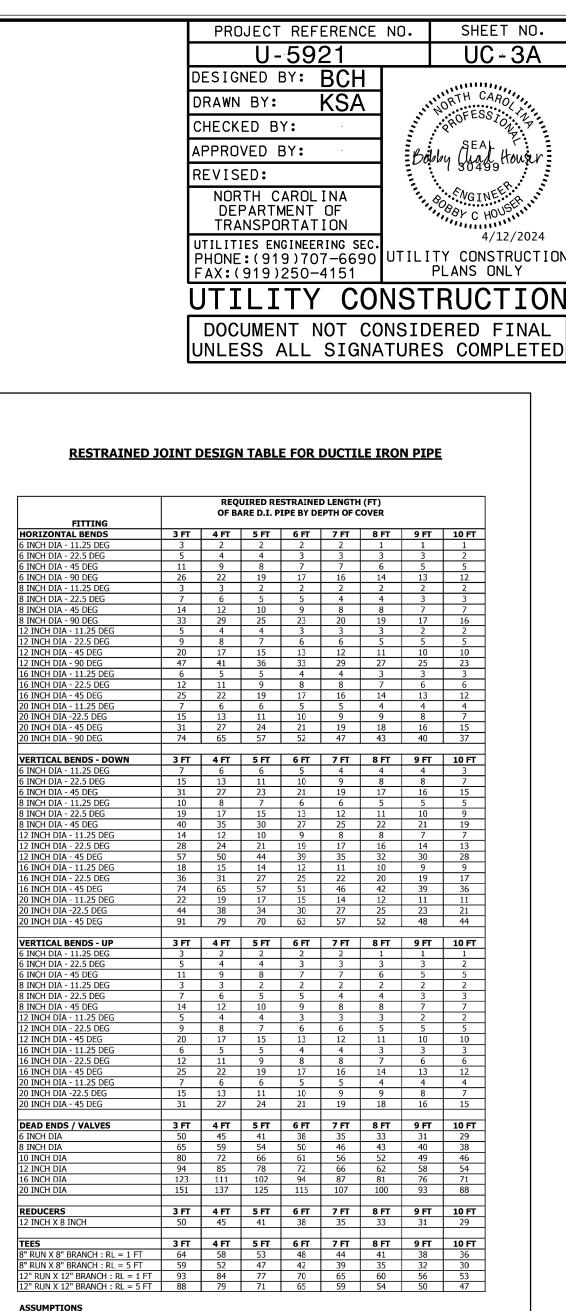


WATER TYPICAL DETAILS



ASSUMPTIONS LAYING CONDITION = TYPE 4 SOIL DESIGNATION = COHESIVE-GRANULAR

DESIGN PRESSURE = 200 PSI (TEST PRESSURE) SAFETY FACTOR = 1.5

1. RESTRAINED LENGTH IS MEASURED AS FOLLOWS:

A. HORIZONTAL/VERTICAL BENDS: ALONG EACH SIDE OF BEND. B. HORIZONTAL/VERTICAL BENDS - OFFSET: ALONG THE OUTER SIDE OF EACH BEND.

ALL PIPE BETWEEN THE TWO BENDS SHALL BE RESTRAINED JOINT.

2. WHEN IT IS NOT POSSIBLE TO INSTALL THE RESTRAINED LENGTHS AS NOTED BY THIS TABLE, CONTRACTOR SHALL INSTALL THE APPROPRIATE CONCRETE THRUST RESTRAINTS AS PER THE DETAILS HEREIN.

