

PRESSURE PIPE JOINT RESTRAINT TABLE

*Length Of Pipe To Be Restrained
In Each Direction From ? Of Bend
Based On 150 PSI Test Pressure*

| Degree Of Bend | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 24" | 30" |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 90°, Tees & Plugs | 27' | 35' | 42' | 50' | 58' | 65' | 73' | 80' | 95' | 115' |
| 45° | 7' | 9' | 11' | 13' | 15' | 17' | 19' | 21' | 24' | 29' |
| 22-1/2° | 3' | 4' | 5' | 6' | 7' | 8' | 9' | 10' | 12' | 14' |
| 11-1/4° | 2' | 2' | 3' | 3' | 4' | 4' | 4' | 5' | 6' | 7' |

*Restrained Joints Shall Be Mechanical Joint With Retainer Glands,
US Pipe TR Flex Joint System, US Pipe Field LOK Gasket System,
Or Equvl.*

*NOTE: THE ABOVE RESTRAINED JOINT LENGTHS ARE MINIMUM LENGTHS
THE DESIGN ENGINEER SHALL DETERMINE IF LONGER LENGTHS ARE REQUIRED.*

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| CITY OF CARMEL STANDARD DETAILS | | DRAWN BY Jones & Henry Engineers, Inc. | |
| Date: March 2001 | Scale: Not To Scale | TITLE: JOINT RESTRAINT TABLE | |
| | | Drawing Name: CW10 | |