

TEE & WYE

90° BEND

45° & 22 1/2° BEND

| RESTRAINED PIPE LENGTH (LINEAL FEET) |           |         |         |             |             |
|--------------------------------------|-----------|---------|---------|-------------|-------------|
| PIPE SIZE                            | TEE & WYE | 90°BEND | 45°BEND | 22 1/2°BEND | 11 1/4°BEND |
| 6"                                   | 27        | 27      | 16      | 9           | 5           |
| 8"                                   | 34        | 34      | 20      | 11          | 6           |
| 10"                                  | 41        | 41      | 24      | 14          | 7           |
| 12"                                  | 48        | 48      | 28      | 16          | 8           |
| 14"                                  | 55        | 55      | 32      | 18          | 10          |
| 16"                                  | 62        | 62      | 35      | 20          | 11          |
| 18"                                  | 69        | 69      | 39      | 22          | 12          |
| 20"                                  | 75        | 75      | 42      | 24          | 13          |
| 24"                                  | 87        | 87      | 49      | 27          | 14          |
| 30"                                  | 104       | 104     | 57      | 31          | 17          |
| 36"                                  | 120       | 120     | 65      | 35          | 19          |
| 42"                                  | 134       | 134     | 72      | 39          | 21          |
| 48"                                  | 147       | 147     | 79      | 42          | 22          |
| 54"                                  | 160       | 160     | 85      | 45          | 24          |

**NOTE:**

THE FIGURES IN THIS TABLE ARE BASED ON 150 PSI TEST PRESSURE WITH 2.5 FEET OF COVER AND 2000 POUNDS PER SQUARE FOOT SOIL BEARING AGAINST UNDISTURBED TRENCH. A 20% SAFETY FACTOR HAS BEEN ADDED.

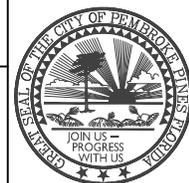
CITY OF PEMBROKE PINES  
ENGINEERING/UTILITIES DIVISION

STANDARD GENERAL DETAIL

APPROVED: J.M.  
DATE: 11/05/99

REVISED:  
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RESTRAINED JOINTS



**G-2**