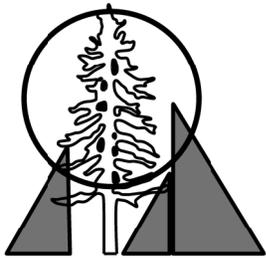


NOTES:

1. BASED UPON ROD AND NUT HAVING YIELD STRENGTH OF 95,000 POUNDS.
2. SOIL BEARING CAPACITY OF 2,000 P.S.F.
3. RODS TO HAVE 6" OF THREAD ON EACH END
4. ALL METAL TO BE CLEANED AND COATED WITH AN APPROVED PROTECTIVE COATING FOLLOWING INSTALLATION AND PRIOR TO BACKFILLING
5. ROD ALIGNMENT TO BE DETERMINED OR APPROVED BY CITY OF TEGA CAY UTILITY DEPARTMENT
6. GRINNELL STRAPS MAY BE USED IN NON-TYPICAL SITUATIONS SUBJECT TO APPROVAL BY CITY OF TEGA CAY UTILITY DEPARTMENT
7. FOR 3" & 4" PIPE, USE 6" SIZES
8. FOR PIPE SIZES LARGER THAN 16" ENGINEER TO SUBMIT DESIGN FOR APPROVAL BY CITY OF TEGA CAY UTILITY DEPARTMENT

	PIPE SIZE	A	B	C	D	F	H	# OF RODS	ROD DIA.	E (H-BEAM)	VOLUME CY
TEES, PLUGS & VALVES	6"	2'-0"	3'-0"	3'-0"	1'-0"	3'-10"	0'-10"	2	3/4"	WBX48	0.67
	8"	3'-0"	3'-0"	5'-0"	1'-1"	3'-11"	0'-11"	2	3/4"	WBX48	1.67
	10"	4'-0"	3'-0"	6'-0"	1'-2"	4'-0"	1'-0"	2	3/4"	WBX48	2.67
	12"	5'-0"	4'-0"	6'-0"	1'-5"	5'-1"	1'-1"	4	3/4"	W10X54	4.44
	14"	6'-0"	4'-0"	7'-0"	1'-6"	5'-2"	1'-2"	4	3/4"	W10X54	6.22
	16"	7'-0"	4'-0"	8'-0"	1'-8"	5'-3"	1'-3"	4	3/4"	W10X54	8.30
11 1/4" BEND	6"	2'-0"	3'-0"	3'-0"	1'-0"	3'-10"	0'-10"	2	3/4"	WBX48	0.67
	8"	2'-0"	3'-0"	3'-0"	1'-1"	3'-11"	0'-11"	2	3/4"	WBX48	0.67
	10"	2'-0"	3'-0"	3'-0"	1'-2"	4'-0"	1'-0"	2	3/4"	WBX48	0.67
	12"	2'-0"	3'-0"	3'-6"	1'-5"	4'-1"	1'-1"	4	3/4"	W10X54	0.78
	14"	2'-0"	3'-0"	3'-6"	1'-6"	4'-2"	1'-2"	4	3/4"	W10X54	0.78
	16"	3'-6"	3'-0"	4'-0"	1'-8"	4'-3"	1'-3"	4	3/4"	W10X54	1.56
22 1/2" BEND	6"	2'-0"	3'-0"	3'-0"	1'-0"	3'-10"	0'-10"	2	3/4"	WBX48	0.67
	8"	2'-0"	3'-0"	3'-0"	1'-1"	3'-11"	0'-11"	2	3/4"	WBX48	0.67
	10"	2'-0"	3'-0"	3'-6"	1'-2"	4'-0"	1'-0"	2	3/4"	WBX48	0.78
	12"	3'-6"	3'-0"	4'-0"	1'-5"	4'-1"	1'-1"	4	3/4"	W10X54	1.56
	14"	4'-0"	3'-0"	5'-0"	1'-6"	4'-2"	1'-2"	4	3/4"	W10X54	2.22
	16"	4'-0"	3'-6"	6'-0"	1'-8"	4'-9"	1'-3"	4	3/4"	W10X54	3.11
45° BEND	6"	2'-0"	3'-0"	3'-0"	1'-0"	3'-10"	0'-10"	2	3/4"	WBX48	0.67
	8"	2'-0"	3'-0"	4'-0"	1'-1"	3'-11"	0'-11"	2	3/4"	WBX48	0.89
	10"	4'-0"	3'-0"	5'-0"	1'-2"	4'-0"	1'-0"	2	3/4"	WBX48	2.22
	12"	4'-0"	4'-0"	5'-6"	1'-5"	5'-1"	1'-1"	4	3/4"	W10X54	3.26
	14"	5'-6"	4'-0"	6'-0"	1'-6"	5'-2"	1'-2"	4	3/4"	W10X54	4.89
	16"	6'-0"	4'-0"	7'-6"	1'-8"	5'-3"	1'-3"	4	3/4"	W10X54	6.67
90° BEND	6"	2'-6"	3'-0"	4'-0"	1'-0"	3'-10"	0'-10"	2	3/4"	WBX48	1.11
	8"	4'-0"	3'-0"	5'-6"	1'-1"	3'-11"	0'-11"	2	3/4"	WBX48	2.44
	10"	5'-0"	3'-0"	7'-6"	1'-2"	4'-0"	1'-0"	2	3/4"	WBX48	4.17
	12"	6'-0"	3'-0"	8'-0"	1'-5"	4'-1"	1'-1"	4	3/4"	W10X54	5.33
	14"	7'-6"	3'-0"	9'-0"	1'-6"	4'-2"	1'-2"	4	3/4"	W10X54	7.50
	16"	9'-0"	3'-6"	9'-0"	1'-8"	4'-9"	1'-3"	4	3/4"	W10X54	10.5



The Good Life

REVISIONS

NO	DATE	DESCRIPTION

CITY OF TEGA CAY  
LAND DEVELOPMENT  
STANDARDS

TYPICAL CONCRETE DEAD-MAN DETAIL  
(16" & SMALLER)

STD. NO	REV