



'D'	'L'	'T'
12"	1.0'	4"
18"	1.0'	5"
24"	1.0'	6"
36"	1.5'	8"
48"	1.5'	10"
57"	1.5'	10"
60"	1.75'	11"
66"	1.75'	11"

GENERAL NOTES:

1. A CONCRETE COLLAR IS REQUIRED WHERE THE CHANGE IN GRADE EXCEEDS 0.10 FT. PER FT.
2. WHERE PIPES OF DIFFERENT DIAMETERS ARE JOINED WITH A CONCRETE COLLAR, 'L' AND 'T' SHALL BE THOSE OF THE LARGER PIPE. 'D'='D<sub>1</sub>' OR 'D<sub>2</sub>', WHICHEVER IS GREATER.
3. FOR 'D' LARGER THAN 66" A SPECIAL COLLAR DETAIL IS REQUIRED.
4. FOR A PIPE SIZE NOT LISTED USE NEXT SIZE LARGER.
5. OMIT REINFORCING ON PIPES 24" AND LESS IN DIAMETER AND ON ALL PIPES WHERE ANGLE 'A' IS LESS THAN (145/'D' (INCHES)).
6. WHERE REINFORCING IS REQUIRED, THE DIAMETER OF THE CIRCLE TIES SHALL BE 'D' + (2 X WALL THICKNESS) + 8".
7. WHEN 'D<sub>1</sub>' IS EQUAL TO OR LESS THAN 'D<sub>2</sub>', JOIN INVERTS AND WHEN 'D<sub>1</sub>' IS GREATER THAN 'D<sub>2</sub>', JOIN SOFFITS.
8. PIPE MAY BE CORRUGATED METAL PIPE, CONCRETE PIPE, OR REINFORCED CONCRETE PIPE.
9. NOT TO BE USED FOR A SIZE CHANGE ON THE MAINLINE.

APPROVED:

*R. Richblatt*

CITY ENGINEER

REVISION DATE: March 21, 1994

CITY OF HUNTINGTON BEACH

DEPARTMENT OF PUBLIC WORKS



CONCRETE COLLAR

STANDARD PLAN

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