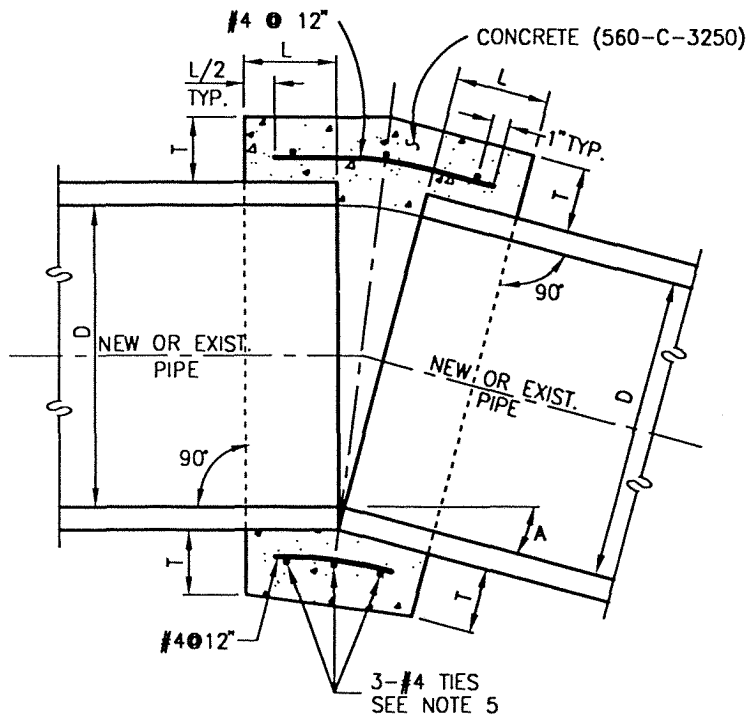


REV.	APPR. BY	DATE

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D	L	T
12"	12"	4"
18"	12"	5"
24"	12"	6"
30"	18"	7"
36"	18"	9"
42"	18"	9"
48"	18"	10"
57"	18"	10"
60"	21"	11"
66"	21"	11"
72"	24"	12"

NOTES:

1. A CONCRETE COLLAR IS REQUIRED WHEN THE CHANGE IN GRADE OR ALIGNMENT EXCEEDS 10 PERCENT.
2. WHERE REINFORCING IS REQUIRED THE DIAMETER OF THE CIRCULAR TIES SHALL BE $D + (2 \times \text{WALL THICKNESS}) + T$.
3. FOR PIPE LARGER THAN 72", A SPECIAL COLLAR DETAIL IS REQUIRED.
4. FOR PIPE SIZE NOT LISTED, USE THE NEXT SIZE LARGER.
5. REINFORCING SHALL BE USED WHERE THE PIPE DIA. IS GREATER THAN 21" AND ON ALL ALL PIPES WHERE THE SPACES BETWEEN THE EXTREME OUTER ENDS IS 3" OR LARGER.
6. PIPE MAY BE CORRUGATED METAL PIPE, CONCRETE PIPE, OR REINFORCED CONCRETE PIPE.
7. NOT TO BE USED FOR A SIZE CHANGE.

 CITY OF Oxnard	CONCRETE COLLAR		STANDARD PLAN 2002
	DRAWN: STAFF	CKD.: STAFF <i>LB</i>	 APPR. Granville M. Bowman
Department of Public Works			PLATE 512 SHEET 1 OF 1