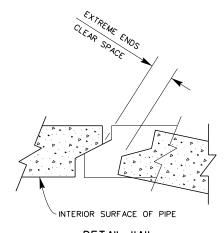


- 2. IF THE EXTREME ENDS OF THE PIPE LEAVE A CLEAR SPACE THAT IS GREATER THAN 1", BUT LESS THAN 6", A CONCRETE COLLAR IS REQUIRED (SEE DETAIL A THIS SHEET). IF THE CLEAR SPACE IS 6" OR GREATER, A TRANSITION STRUCTURE IS REQUIRED.
- 3. CONCRETE COLLAR SHALL NOT BE USED FOR A SIZE CHANGE ON THE MAIN LINE.
- 4. WHERE PIPES OF DIFFERENT DIAMETERS ARE JOINED WITH A CONCRETE COLLAR, L AND T SHALL BE THOSE OF THE LARGER PIPE. $D=D_1$ OR D_2 , WHICHEVER IS GREATER.
- 5. FOR PIPE LARGER THAN 66" A SPECIAL COLLAR DETAIL IS REQUIRED.
- 6. FOR PIPE SIZE NOT LISTED USE THE NEXT SIZE LARGER.
- OMIT REINFORCING ON PIPES 24" AND LESS IN DIAMETER AND ON ALL PIPES WHERE ANGLE A IS LESS THAN 10°.
- 8. WHERE REINFORCING IS REQUIRED THE DIAMETER OF THE CIRCULAR TIES SHALL BE D + $(2 \times WALL \ THICKNESS) + 8"$.
- 9. WHEN ${\rm D_1IS}$ EQUAL TO OR LESS THAN ${\rm D_2JOIN}$ INVERTS AND WHEN ${\rm D_1IS}$ GREATER THAN ${\rm D_2JOIN}$ SOFFITS.
- PIPE MAY BE CORRUGATED METAL PIPE, CONCRETE PIPE, OR REINFORCED CONCRETE PIPE.



DETAIL "A"

TYPICAL JOINT FOR
REINFORCED CONCRETE PIPE



RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

APPROVED BY:
CHEF ENGINEER
DATE: April 5, 2004
R.C.E. NO. 32336

CONCRETE COLLAR
FOR
PIPE 12 INCHES THROUGH
66 INCHES
STANDARD DRAWING NUMBER M803