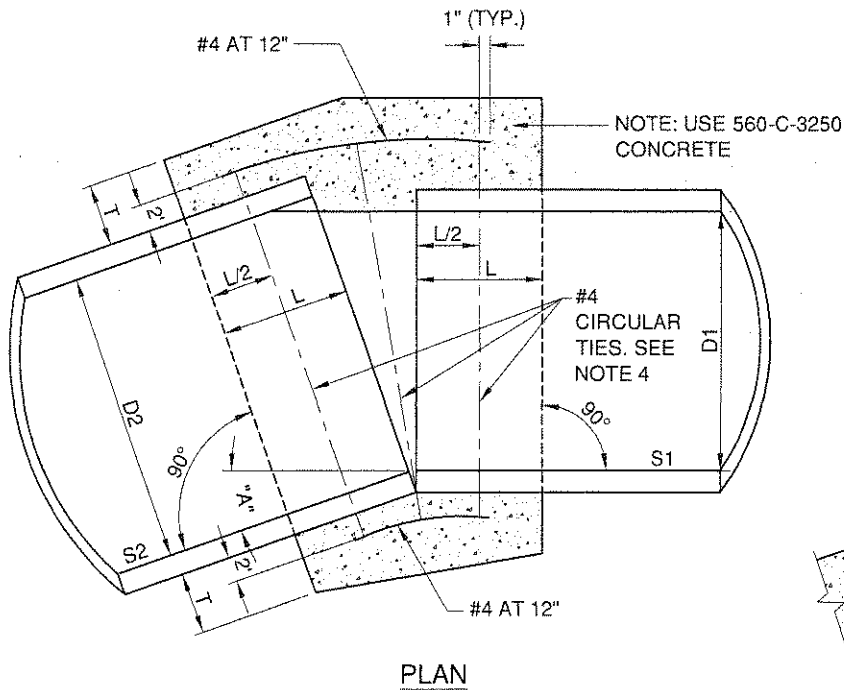


DETAIL A

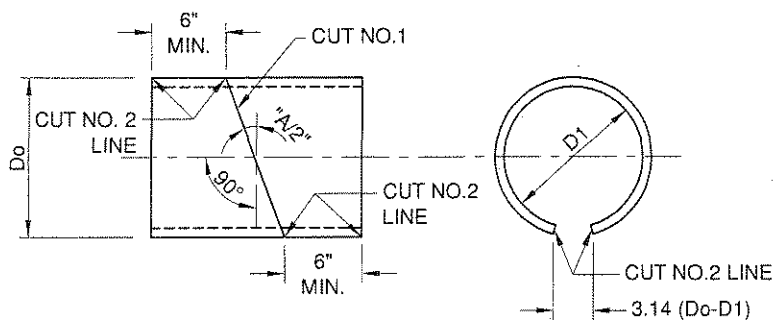
TYPICAL JOINT FOR
REINFORCED CONCRETE PIPE

CUT NO. 1:

SAW THE TUBE AT AN ANGLE OF "A/2" WITH THE TRAVERSE PLAN. REVERSE ONE SECTION AND TAPE BOTH SECTIONS TOGETHER, FORMING THE DEFLECTION ANGLE "A".

CUT NO. 2:

SAW THE TUBE LONGITUDINALLY, REMOVING A STRIP 3.14(D_o-D₁) INCHES WIDE ON THE SIDE OPPOSITE THE OPEN JOINT. BEND THE ENDS OF THE CUT TOGETHER AND INSERT THE TUBE IN THE PIPE.



DETAIL B

(SONO-TUBE OR EQUAL, INTERIOR FORM)

TABLE

D2 (INCHES)	L (INCHES)	T (INCHES)	PERMITTED DEFLECTION ANGLE
12	12	4	2°14'
15	12	4	1°55'
18	12	5	1°40'
21	12	5	1°29'
24	12	6	1°20'
27	12	7	1°13'
30	12	7	1°07'
33	18	8	1°01'
36	18	9	1°01'
39	18	9	1°09'
42	18	9	1°05'
45	18	10	1°01'
48	18	10	0°58'
51	18	10	0°55'
54	18	10	0°52'
57	18	10	0°49'
60	21	11	0°45'
66	21	11	0°43'

APPROVED:

M. Youssef
P.W. DIRECTOR / CITY ENGINEER



REVISED DATE: 5/15/08

City of Westminster

DEPARTMENT OF PUBLIC WORKS

REINFORCED
CONCRETE COLLAR

STANDARD NUMBER

307A