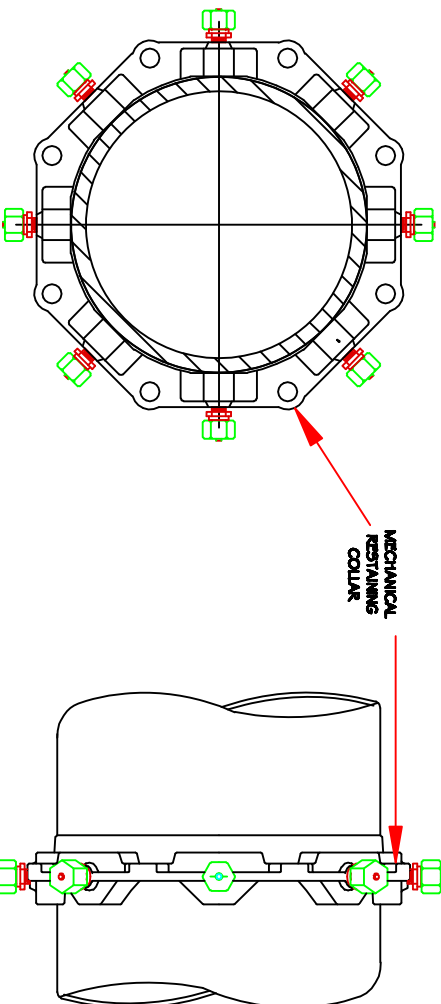
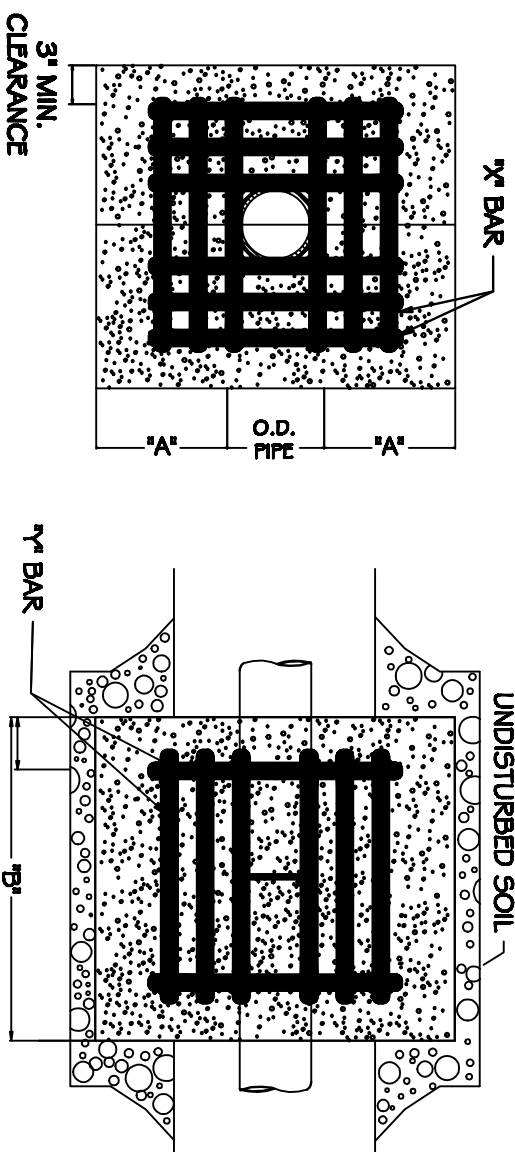


REINFORCING REQUIREMENTS

I.D. PIPE	REBAR SIZE	¾" BAR LENGTH	¾" BAR WEIGHT	¾" BAR LENGTH	¾" BAR WEIGHT	NO. REQUIRED
6" - 36"	#5	2'-2" + O.D. PIPE	1.043 LBS/FT	1'-1"	1.1 LBS. EACH	X-24, Y-12
48" & greater	#6	3'-0" + O.D. PIPE	1.502 LBS/FT	1'-3"	1.9 LBS. EACH	X-24, Y-12



- NOTES:**
1. SEE STANDARD DETAIL R-6 FOR THRUST BLOCK LOCATIONS.
 2. CONCRETE SHALL BE 3000 PSI AND TRANSIT MIXED.
 3. REINFORCING BARS SHALL BE DEFORMED AND TIED TOGETHER.
 4. TRENCH BOTTOM WIDTH IN VICINITY OF THRUST BLOCK INSTALLATION SHALL BE THE MINIMUM WIDTH AS SHOWN ON STANDARD DETAIL R-3b.
 5. BACKFILL TAMPED IN 6" LIFTS PER STANDARD DETAIL R-3b.
 6. MECHANICAL RETAINING COLLAR SHALL BE AS MANUFACTURED BY MEGA-LUG OR EQUAL.



THRUST COLLAR, AND THRUST SCHEDULE

I.D. PIPE	¾"	¾"
6" - 16"	1'-4"	1'-7"
20" - 24"	1'-4"	1'-7"
30" - 36"	1'-4"	1'-7"
48" & greater	1'-6"	1'-9"

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES

**THRUST BLOCKING DESIGN DATA
FOR DI REUSE MAINS**

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
R-4b	RRH	1-21-00	J.P.S.	10-1-10
	D.H.L.	6-18-08		