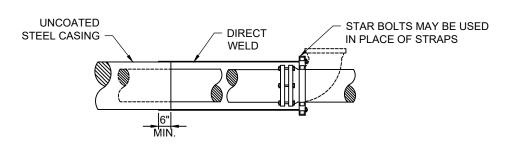


FITTING RESTRAINT - TYPE 4
END CAP
FOR EXPOSED PIPES ONLY



FITTING RESTRAINT - TYPE 5
DIRECT WELD TO STEEL CASING
(10" OR LESS MAINS ONLY)

NOTES:

- 1. SEE DWG. NO. 126 FOR NUMBER AND DIAMETER OF RODS REQUIRED.
- 2. SEE DWG. NO. 128 FOR STRAP AND ROD DETAILS.
- BURIED PIPE SHALL BE BELL AND SPIGOT OR MECHANICAL JOINT. NO FLANGE JOINTS ALLOWED FOR BURIED PIPE.
- 4. AFTER INSTALLATION, TIE-RODS AND CLAMP ASSEMBLIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ROYSTON ROSKOTE R28 RUBBERIZED MASTIC OR APPROVED EQUIVALENT.
- 5. WHEN RESTRAINING FITTINGS TO STEEL CASING PIPE, TIE-RODS MUST BE WELDED DIRECTLY TO THE CASING USE OF STAR BOLTS ARE <u>PROHIBITED</u>. CASING MUST BE FULLY WELDED THROUGHOUT ITS LENGTH AND BE A MINIMUM OF 30 FEET IN LENGTH. AREA TO BE WELDED MUST BE COMPLETELY BARE AND FREE OF ANY COATING MATERIAL.
- FITTING SHOWN IS REPRESENTATIVE FOR ALL FITTINGS, VALVES, DEAD ENDS AND PLUGS.
- RODS MUST HAVE A MINIMUM 6 INCHES OF THREAD ON EACH END.
- ALL NUTS USED ON TIE RODS MUST HAVE A WASHER.
- 9. FOR RESTRAINING HPDE PIPE AT NON HDPE FITTINGS PROVIDE THE FOLLOWING:
 - MECHANICAL JOINT RESTRAINT SERIES 2006PV BY EBBA IRON OR EQUAL.
 - MECHANICAL JOINT GLAND RESTRAINT SERIES 15MJ00 BY EBBA IRON OR EQUAL.
 - PUSH-ON JOINT RESTRAINT SERIES 15PF00 BY EBBA IRON OR EQUAL.
- RESTRAINED FLANGE ADAPTOR (FOR EXPOSED PIPE ONLY) -SERIES 2100 BY EBBA IRON OR EQUAL.
- 10. FOR RESTRAINING PVC PIPE AT PIPE JOINTS AND FITTINGS PROVIDE THE FOLLOWING:
 - NON PVC MECHANICAL JOINT RESTRAINT SERIES 2000PV BY EBBA IRON OR EQUAL.
 - NON PVC MECHANICAL JOINT GLAND RESTRAINT SERIES 15MJ00 BY EBBA IRON OR EQUAL.
 - NON PNVPUSH-ON JOINT RESTRAINT SERIES 15PF00 BY EBBA IRON OR EQUAL.
 - NON PVC RESTRAINED FLANGE ADAPTOR (FOR EXPOSED PIPE ONLY) -SERIES 2100 BY EBBA IRON OR EQUAL.
 - RESTRAINT HARNESS FOR PVC FITTINGS SERIES 2500 BY EBBA IRON OR EQUAL.
 - RESTRAINT HARNESS FOR C900 PVC PIPES SERIES 1900 BY EBBA IRON OR EQUAL.

FULTON COUNTY STANDARD DETAIL 127
THRUST RESTRAINT TIE ROD INSTALLATION

DATE		REVISIONS	DATE		REVISIONS		
M/Y	XXX		M/Y	XXX		DOC/DDN/OU	VD.
						DGS/DRN/CH	ΚD:
						APPROVED:	
						/	
						DATE:	X



XXX

XX-X-XX

DRAWING NO.

FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-224-0498