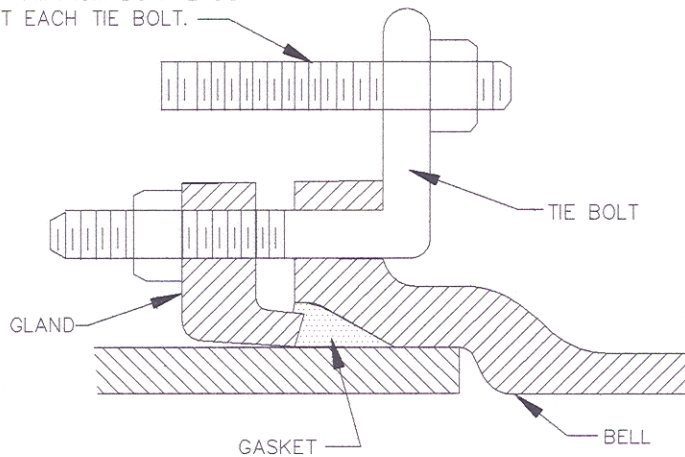


PLAN

3/4" DIA. BARS, THREAD
8" MINIMUM BOTH ENDS
AT EACH TIE BOLT.



CROSS SECTION LUG
ASSEMBLY

NO. OF TIEBOLT PER JOINT.

PIPE SIZE	TIE BOLT SIZE	NUMBER OF OF REQUIRED
2	5/8"	2
3	5/8"	2
4	3/4"	2
6	3/4"	2
8	3/4"	2
10	3/4"	4
12	3/4"	4
14	3/4"	6
16	3/4"	6
18	3/4"	8
20	3/4"	10
24	3/4"	14
30	3/4"	20

NOTES:

1. USE MECHANICAL JOINT FITTINGS ONLY.
2. PAINT BARS AND APPURTENANCES WITH 2 COATS OF BITUMINOUS PAINT.
3. IF WORKING PLUS SURGE PRESSURES ARE HIGHER THAN 250 PSI, SPECIAL DESIGN IS REQUIRED.
4. WHEN VALVE BODY HAS SLOTTED HOLES USE DUC-LUG IN LIEU OF THE BOLTS. TIGHTEN ALL JOINT TIE BOLTS, THEN CHECK DUC-LUGS. LUGS MUST BE LOOSE. REPLACE IF DUC-LUG IS TIGHT.

CHARLES COUNTY GOVERNMENT

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED:

[Signature] 6/29/95
DIRECTOR OF DEVELOPMENT SERVICES DATE

[Signature] 6/29/95
WATER / SEWER ENGINEER DATE

STANDARD DETAIL

ALTERNATE METHOD
OF STRAPPING VALVE
TO MAIN W/TIE BOLTS

REVISIONS:

B
2.03

96