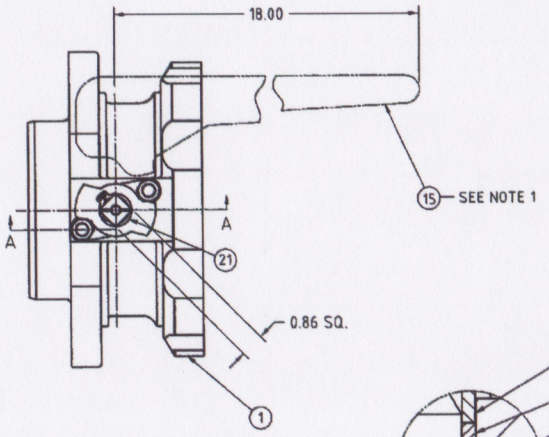
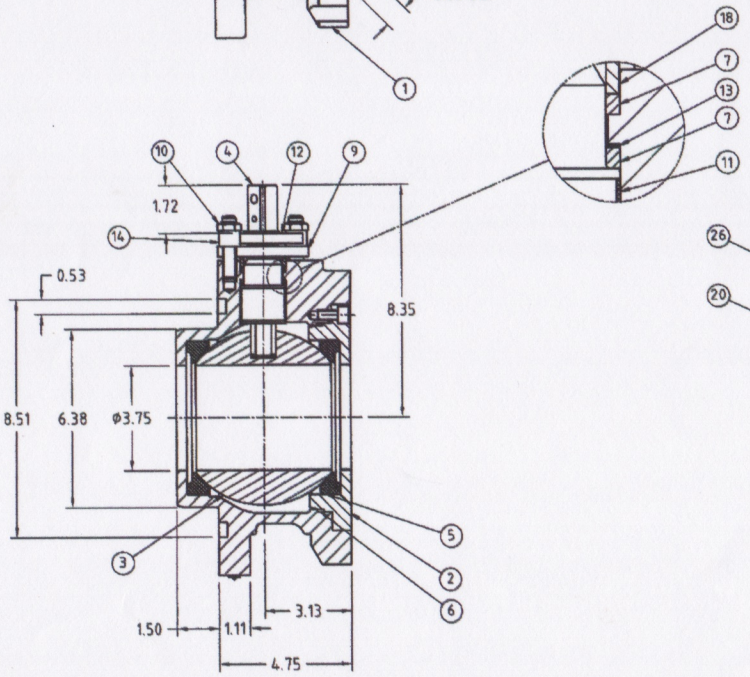
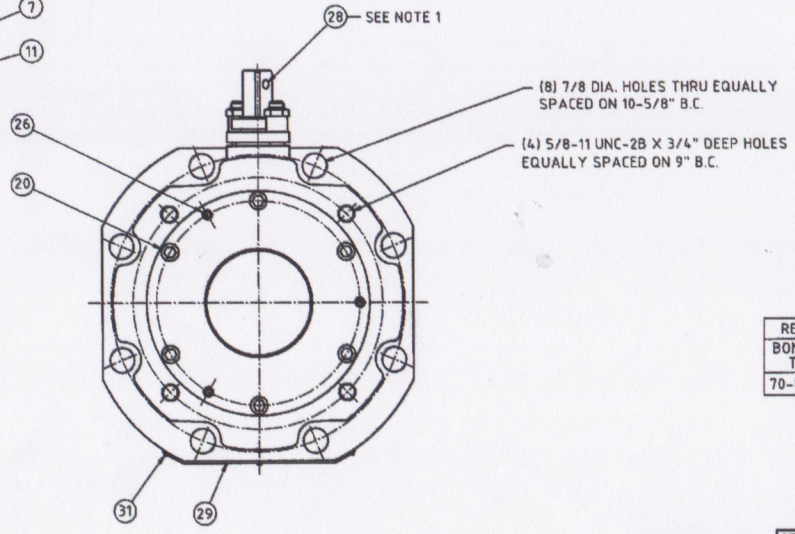
LET	ECN	REVISION	DRAWN	APPVD	DATE
A	18810	CHANGED I.D. TAG SEE ECN	DA	QRE	25 JUN 04

ITEM NO.	PART NAME
1	BODY
2	INSERT
3	BALL
4	STEM
5	SEAT
6	BODY SEAL
7	STEM SEAL
9	BONNET PLATE
10	SELF LOCKING NUT
11	STEM BEARING
12	INDICATOR STOP
13	SECONDARY STEM SEAL
14	STOP SLEEVE
15	HANDLE
18	COMPRESSION RING
20	SOCKET HD. CAP SCREW
21	RETAINING RING
26	SET SCREW
28	HANDLE PIN
29	IDENTIFICATION TAG
31	POP RIVET





SECTION A-A



NOTE:
1. HANDLE (15) & PIN (28) WILL BE SUPPLIED ONLY ON REQUEST.
HANDLE NO. = 012-0535-22
PIN NO. = 010-0092-41

REQUIRED FASTENER TORQUE	
BONNET NUT TORQUE	INSERT FASTENER TORQUE
70-80 IN. LBS.	25-35 FT. LBS.

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UNLESS OTHERWISE NOTED
DIMENSIONS, TOLERANCING, & DRAWING INTERPRETATIONS IS IN ACCORDANCE WITH ASME Y14.5M

ANGLES ± 30' FINISH 125

CONFIGURATION IDENTIFICATION NUMBERS
JSA-01
JSA-10
JSA-17
JSA-22
JST-02

MATERIAL CODE	MATERIAL TYPE	MATERIAL SPECIFICATIONS	BASIC WEIGHT
	BARE PART PART NO.	DO NOT SCALE DRAWING	SCALE 1/2

TITLE:
ASSEMBLY
4" AZFRL MOD. B
RAILROAD VALVE

DRAWN	DATE
P.JD	6/25/02
APPVD.	DATE
S.JV	12/3/02

METSO AUTOMATION USA, INC.
SHREWSBURY, MASSACHUSETTS

SIZE D | SHEET NO. 5440 | REV A

ERECTION 1