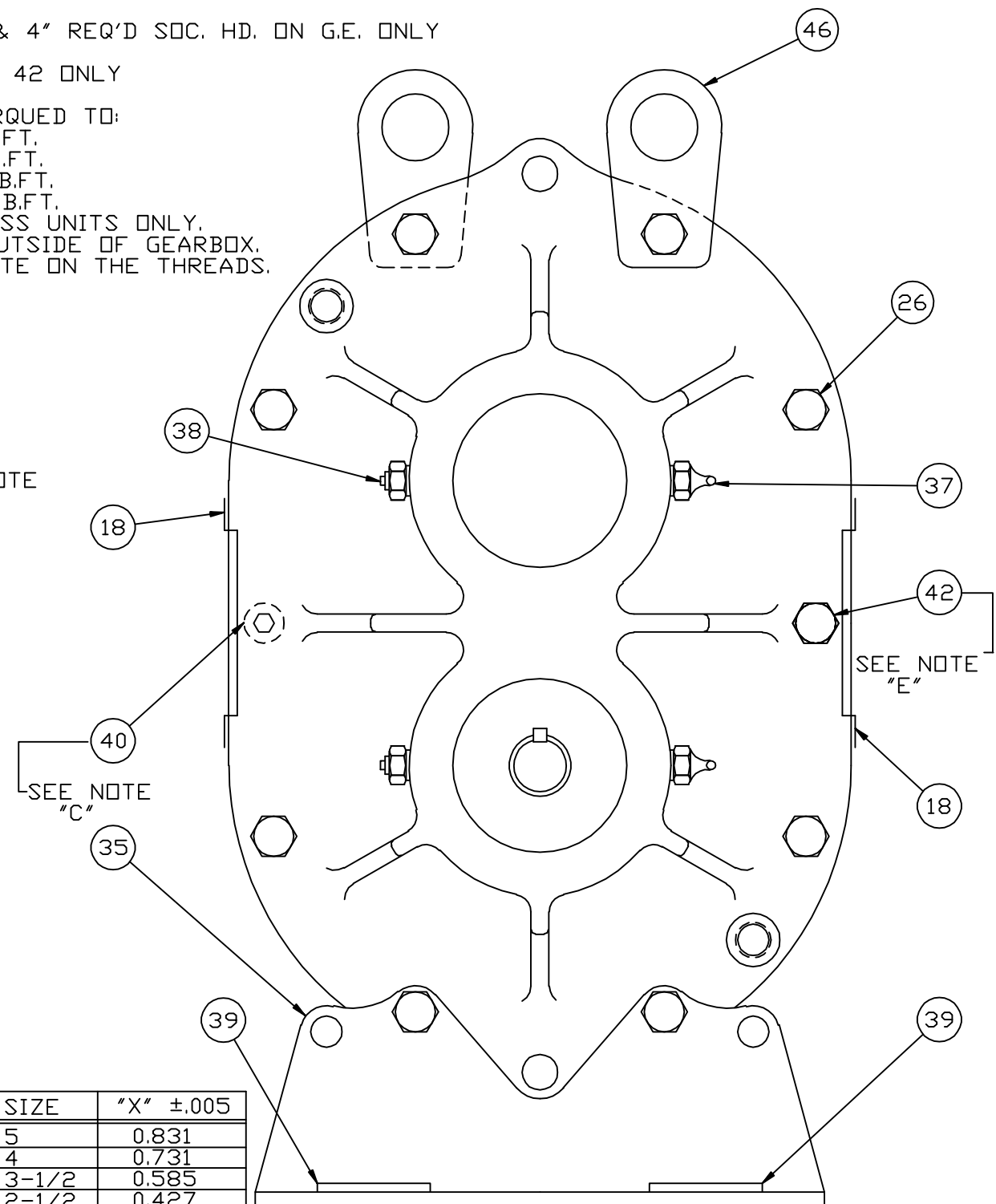
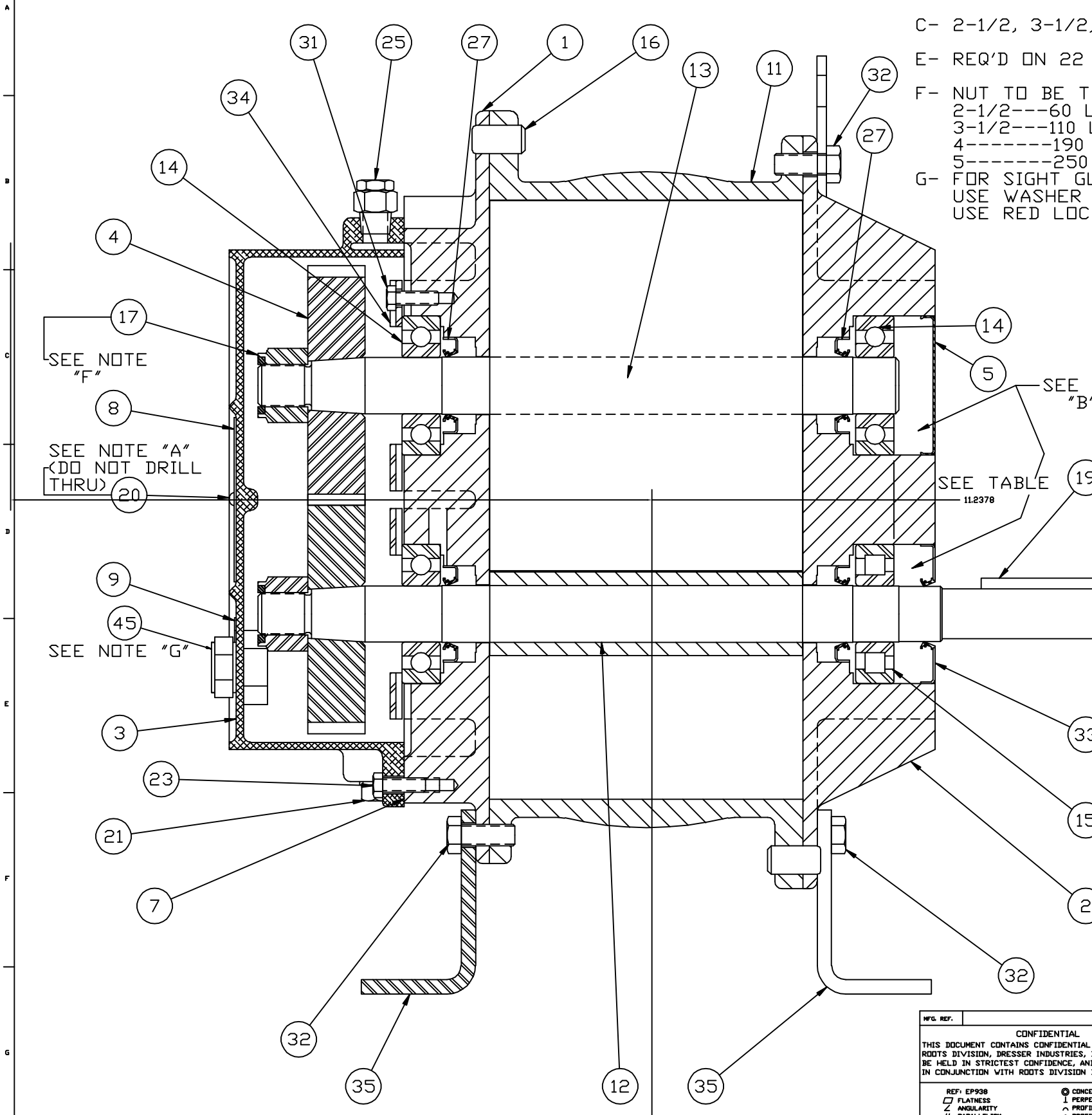


- NOTES:
- A- INSTALL ITEM #20 (SCREW) IN ASSEMBLY
 - B- SEE OPERATING MANUAL IRB-103 FOR LUBRICATION INSTRUCTION
 - C- 2-1/2, 3-1/2, & 4" REQ'D SOC. HD. ON G.E. ONLY
 - E- REQ'D ON 22 & 42 ONLY
 - F- NUT TO BE TORQUED TO:
 2-1/2---60 LB.FT.
 3-1/2---110 LB.FT.
 4-----190 LB.FT.
 5-----250 LB.FT.
 - G- FOR SIGHT GLASS UNITS ONLY.
 USE WASHER OUTSIDE OF GEARBOX.
 USE RED LOCTITE ON THE THREADS.

No. REQ'D	PART NAME	PART No. PART No.	MAT'L



SIZE	"X" ±.005
5	0.831
4	0.731
3-1/2	0.585
2-1/2	0.427

REV	DESCRIPTION	BY	DATE	CHKD.	APP.
J	ADD LIFTING LUG ITEM# 46	RK	04/15/01	T12E	AGP
H	ADD ITEM# 45 FOR SIGHT GLASS UNITS	RK	01/15/00	BDR #27	AGP
G	DELETED ITEM 41	VC	04/30/01	T-51	
F	REVISED PER ECN	JHB	2-12-93	3804-V	
E	INCREASED GEAR NUT TORQUE	JHB	5-3-90	3577-V	FCR AP CHKRM 6-18-95
D	ITEM 25 REVISED PER ECN	REM	9-03	3339-V	APP. FR 6-25-95
C	LUBRICATION NOTE B REVISED	REM	3-19-97		IBV AP 6-27-95
B	REDRAWN	DB	10-16-96		FCR SCALE
A	ITEM #42 MOVED	RM	9-26-96		M.C. CAD FILE / DIRECTORY
	REV PER ECN	RM	8-7-96		FCR AP /PARTS/XXAS

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REF: EP938
 □ FLATNESS
 ∠ ANGULARITY
 ∥ PARALLELISM
 ⊥ TRUE POSITION
 ⊥ STRAIGHTNESS

⊙ CONCENTRICITY
 ⊙ PERPENDICULARITY
 △ PROFILE OF LINE
 △ PROFILE OF A SURFACE
 φ DIAMETER
 √ FINISH IN MICRO INCHES

DO NOT SCALE FOR DIMENSIONS
 ALL DIMENSIONS SHOWN IN BRACKETS () ARE MILLIMETERS

SECTIONAL ASSEMBLY
 2-1/2 THRU 5" U-RAI BLOWERS
 TAPER BORE GEARS

DRESSER ROOTS
 ROOTS DIVISION
 DRESSER EQUIPMENT GROUP
 A HALLIBURTON COMPANY
 HOUSTON, TX USA

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
 FINISHED DIMENSIONS
 TWO PLACE DECIMALS UNLESS OTHERWISE SPECIFIED
 THREE PLACE DECIMALS GOOD-UNLESS OTHERWISE SPECIFIED

64720023

Universal RAI Series Blowers Parts List
2-1/2" – 5" Gear Diameter

(Refer to drawing #64720023)

Item #	Part Name	Qty.
1	Headplate Gear End	1
2	Headplate Drive End	1
3	Gearbox	1
4	Timing Gears	2
5	Cover-Blind (Plug Opening)	1
7	Gasket, Gear Box	1
11	Cylinder	1
12	Impeller & Shaft Drive	1
13	Impeller & Shaft Driven	1
14	Bearing, Ball	3
15	Bearing, Roller	1
16	Pin, Dowel	4
17	Gear Nut	2
19	Key	1
21	Plug, Pipe	3
23	Screw Hex	6
25	Breather (Plug Vent)	1
26	Screw, Hex	*
27	Seal, Lip Bearing	4
31	Screw, Hex, Nylock	4
32	Screw, Hex	6
33	Seal Lip-Drive	1
34	Clamp Plate	2
35	Foot	2
37	Fitting, Grease	2
38	Fitting, Relief	2
39	Washer Mounting	4
40	Screw Socket	2
42	Screw Hex	2

*Quantities vary by blower.