

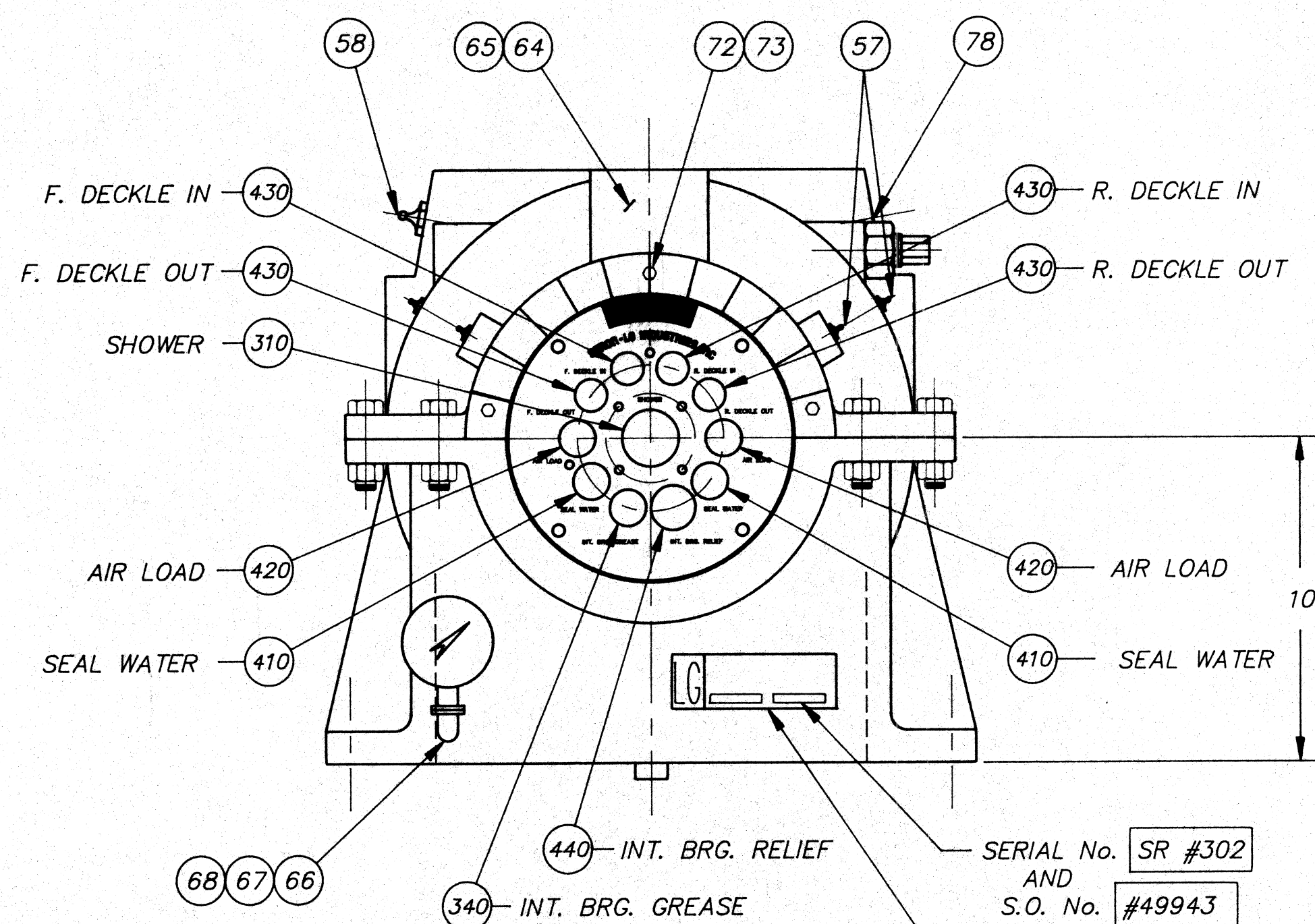
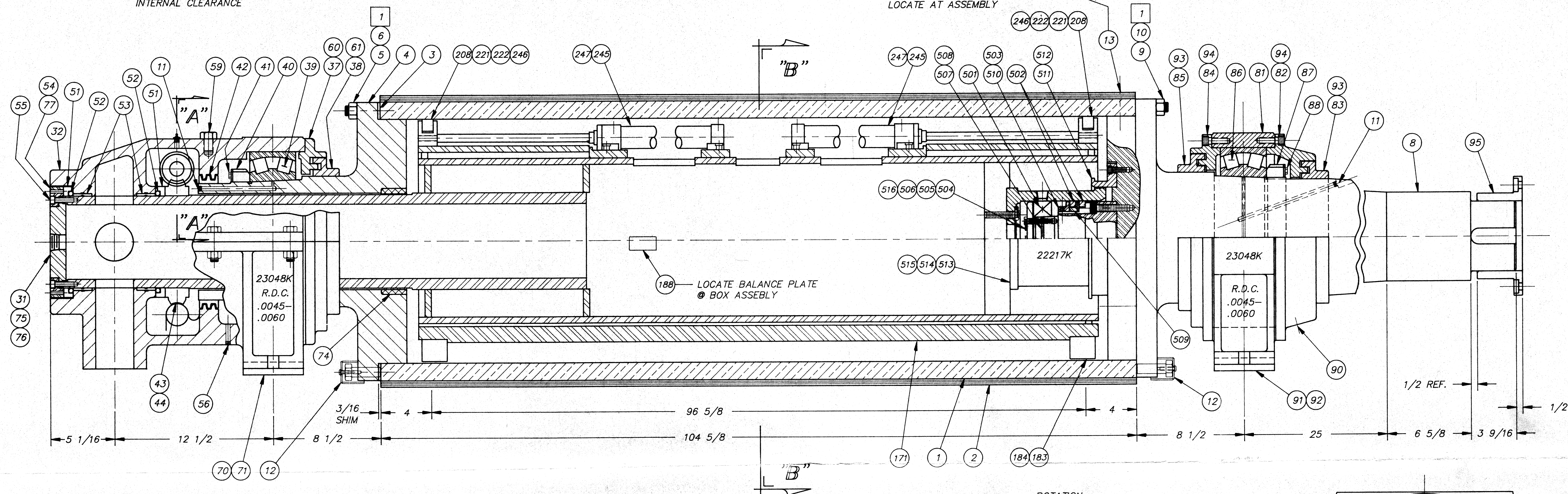


NOTE:

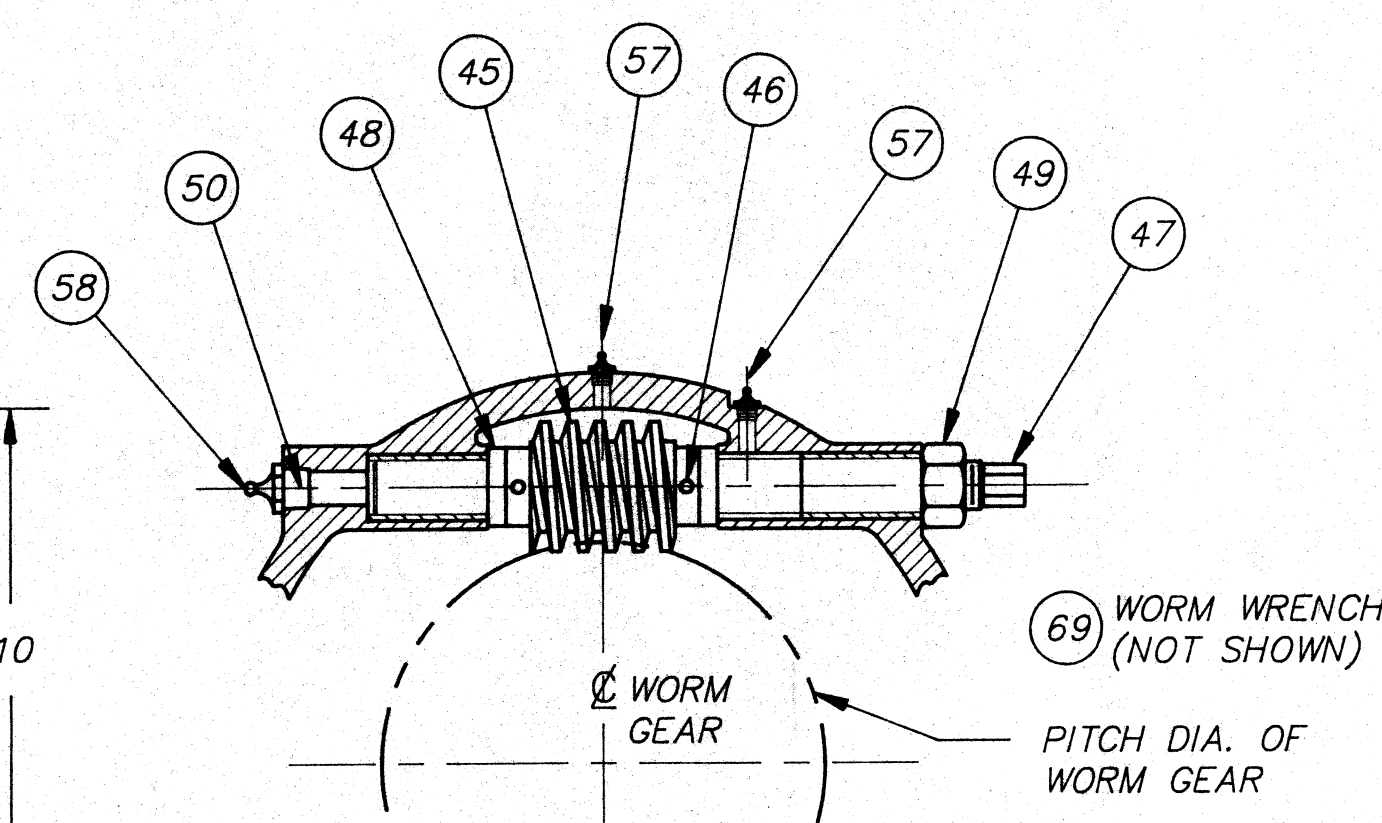
1. TORQUE NUTS TO 185 FT.-LBS.
2. R.D.C.= REDUCTION IN RADIAL INTERNAL CLEARANCE

21/32 DIA DR. X 1 7/8 DEEP &  
TAP 3/4-10 UNC X 1 1/2 DEEP  
REAR HEAD ONLY - 18 HOLES  
LOCATE AT ASSEMBLY

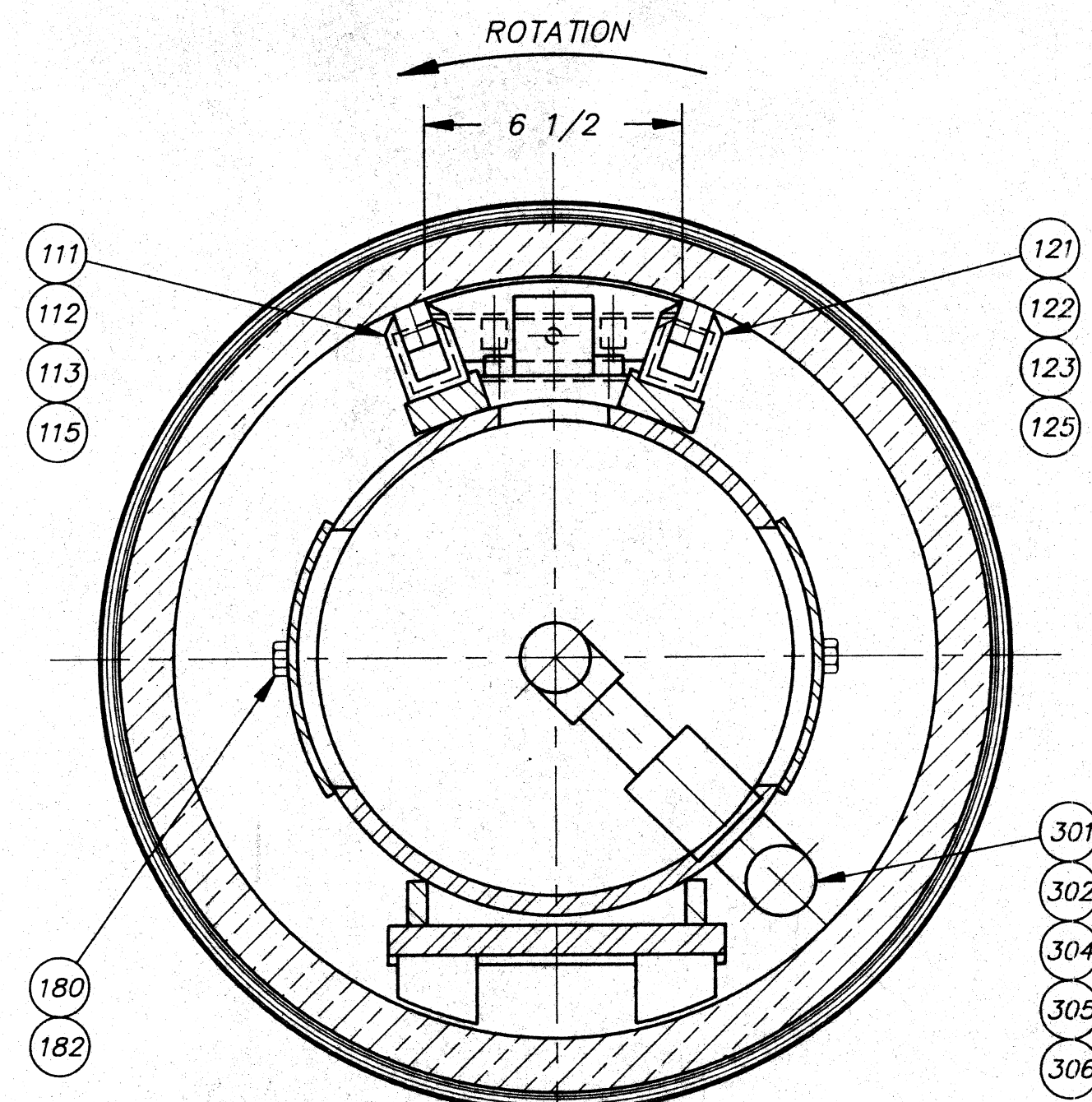
| S.O. NO. | REV. | TITLE:      | B.M. NO.   | REV | PRO    |
|----------|------|-------------|------------|-----|--------|
|          |      | CUSTOMER:   | ISS.BY:    |     |        |
|          |      | L.C.-       | SHT. OF    |     |        |
|          |      | DESCRIPTION | DRAWING NO | S   | P.O.   |
|          |      |             |            |     | VENDOR |
|          |      |             |            |     | INV    |
|          |      |             |            |     | PRC    |
|          |      |             |            |     | PUR    |
|          |      |             |            |     | ENG    |
|          |      |             |            |     | PRO    |
|          |      |             |            |     | REC    |
|          |      |             |            |     | ACC    |
|          |      |             |            |     | SOF    |



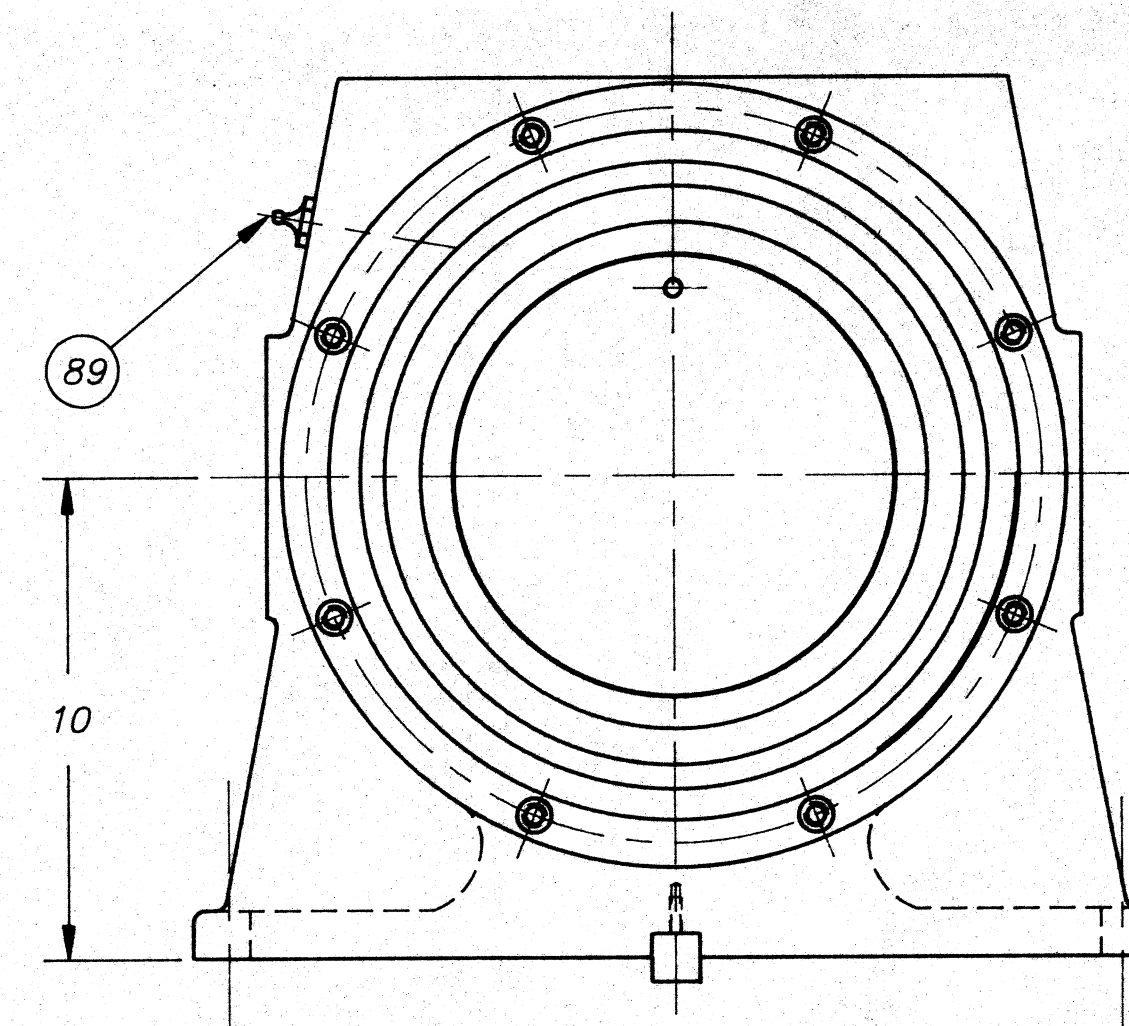
FRONT VIEW



SECTION "A - A"



SECTION "B - B"



REAR VIEW

|          |                          |
|----------|--------------------------|
| 22"      | DIA. SUCTION ROLL        |
| 96 5/8"  | DRILLED FACE             |
| 174 7/8" | APPROX. LG. OF ROLL      |
| 6 1/2"   | WIDTH OF BOX             |
| 4589-128 | BILL OF MATERIAL         |
| 302      | SERIAL NUMBER            |
| N/A      | CROWN, ORIGINAL GRINDING |
|          | APPROX. W                |

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1N-3-350

|                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |                                                                                                                                                                                                                     |          |          |                                                 |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-------------------------------------------------|--|--|--|
|  WMc 1/2/91                                                                                                                                                                                                                                                                                                      |  | ADDED NOTE | SCALE: 3"=1' 0"                                                                                                                                                                                                     | RGH.WT.: | FIN.WT.: | SUCTION COUCH ROLL ASSEMBLY                     |  |  |  |
| REVISIONS                                                                                                                                                                                                                                                                                                                                                                                             |  |            | DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE<br>MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED<br>FRACTIONAL DIM. + .0005" - .0015" ANGLES + .1/2° BREAK ALL SHARP EDGES<br>DEC. DIM. X .XXX + .005" FINISH |          |          |                                                 |  |  |  |
| THIS DOCUMENT CONTAINS INFORMATION DEEMED CONFIDENTIAL AND PROPRIETARY TO LG INDUSTRIES, INC. AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF LG INDUSTRIES, INC. NO USE OF THIS DOCUMENT OR THE INFORMATION CONTAINED HEREON MAY BE MADE WITHOUT FIRST SECURING THE PRIOR WRITTEN APPROVAL OF LG INDUSTRIES, INC. © LG INDUSTRIES, INC. ALL RIGHTS RESERVED. |  |            | <br>INCORPORATED                                                                                                               |          |          | DWN.BY: T-KHA DATE: 10/16/91 FOR ASS'Y.SEE DWG. |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |                                                                                                                                                                                                                     |          |          | CHK'D BY: SFM DATE: 12/3/91 DRAWING NO.         |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |                                                                                                                                                                                                                     |          |          | DES.BY: GLS DATE: 12/5/91 SHT. REV.             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |  |            |                                                                                                                                                                                                                     |          |          | APVD.BY: DEA DATE: 12/5/91 D-4589-128 1/1 A     |  |  |  |

D589128A

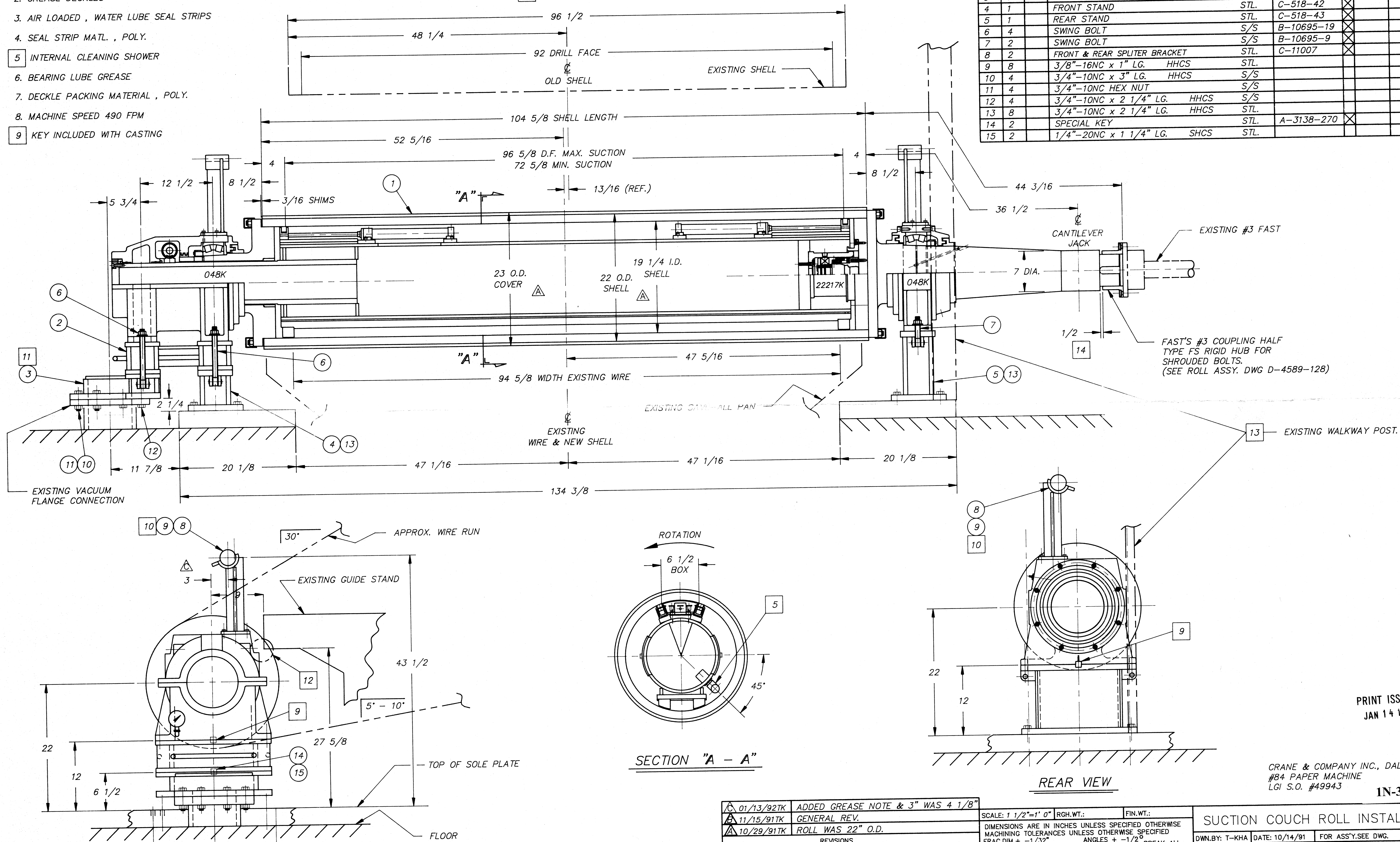
NOTES:

1. OPTIMUM VACUUM CAP. 700 TO 1400 CFM
2. GREASE DECKLES
3. AIR LOADED , WATER LUBE SEAL STRIPS
4. SEAL STRIP MATL. , POLY.
5. INTERNAL CLEANING SHOWER
6. BEARING LUBE GREASE
7. DECKLE PACKING MATERIAL , POLY.
8. MACHINE SPEED 490 FPM
9. KEY INCLUDED WITH CASTING

10. EXISTING SPLITTER TO BE MODIFIED TO FIT NEW BRACKETS
11. VACUUM ADAPTER TO BE FINAL MACHINED AT MILL SITE.

12. TIP OF GUIDE ROLL STAND MAY REQUIRE MODIFICATION.
13. WALKWAY POST MUST BE MODIFIED.
14. GAP FOR FIELD ADJUSTMENT

15. GREASE TO BE SUPPLIED TO SIMON LGI SHOP BY CUSTOMER, GREASE LE-1275, TAG ROLL WITH GREASE INFO. PRIOR TO SHIPMENT.



| S.O. NO. | REV.  | TITLE: SUCTION COUCH ROLL INST. | B.M. NO.           | REV          | PRO   |
|----------|-------|---------------------------------|--------------------|--------------|-------|
|          |       | CUSTOMER: L.C.-                 | ISS.BY: SHT 1 OF 1 | BM-D-4587-41 | C INV |
| ITEM NO. | QUAN. | DESCRIPTION                     | DRAWING NO         | S            | P.O.  |
| 1        | 1     | SUCTION COUCH ROLL ASSY.        | D-4589-128         | X            |       |
| 2        | 1     | LOOSE BASE                      | ALUM. D-517-25     | X            |       |
| 3        | 1     | VACUUM ADAPTER                  | STL. D-11021       | X            |       |
| 4        | 1     | FRONT STAND                     | STL. C-518-42      | X            |       |
| 5        | 1     | REAR STAND                      | STL. C-518-43      | X            |       |
| 6        | 4     | SWING BOLT                      | S/S B-10695-19     | X            |       |
| 7        | 2     | SWING BOLT                      | S/S B-10695-9      | X            |       |
| 8        | 2     | FRONT & REAR SPLITTER BRACKET   | STL. C-11007       | X            |       |
| 9        | 8     | 3/8"-16NC x 1" LG. HHCS         | STL.               |              |       |
| 10       | 4     | 3/4"-10NC x 3" LG. HHCS         | S/S                |              |       |
| 11       | 4     | 3/4"-10NC HEX NUT               | S/S                |              |       |
| 12       | 4     | 3/4"-10NC x 2 1/4" LG. HHCS     | S/S                |              |       |
| 13       | 8     | 3/4"-10NC x 2 1/4" LG. HHCS     | STL.               |              |       |
| 14       | 2     | SPECIAL KEY                     | STL. A-3138-270    | X            |       |
| 15       | 2     | 1/4"-20NC x 1 1/4" LG. SHCS     | STL.               |              |       |

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CRANE & COMPANY INC., DALTON MA.  
#84 PAPER MACHINE  
LGI S.O. #49943  
1N-3-349

|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   |                             |          |          |                                                     |  |                |           |                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------|----------|----------|-----------------------------------------------------|--|----------------|-----------|--------------------|--|
| <div>01/13/92TK</div>                                                                                                                                                                                                                                                                                                                                                                                                      | ADDED GREASE NOTE & 3" WAS 4 1/8" | SCALE: 1 1/2"=1' 0"         | RGH.WT.: | FIN.WT.: | SUCTION COUCH ROLL INSTALLATION                     |  |                |           |                    |  |
| <div>11/15/91TK</div>                                                                                                                                                                                                                                                                                                                                                                                                      | GENERAL REV.                      |                             |          |          | DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE |  |                |           |                    |  |
| <div>10/29/91TK</div>                                                                                                                                                                                                                                                                                                                                                                                                      | ROLL WAS 22" O.D.                 |                             |          |          | MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED     |  |                |           |                    |  |
| REVISIONS                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | FRAC.DIM. + -1/32"          |          |          | ANGLES + -1/2°                                      |  |                | BREAK ALL |                    |  |
| <div>THIS DOCUMENT CONTAINS INFORMATION DEEMED CONFIDENTIAL AND PROPRIETARY TO LG INDUSTRIES, INC. AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF LG INDUSTRIES, INC. FURTHER NO USE OF THIS DOCUMENT OR THE INFORMATION CONTAINED HEREON MAY BE MADE WITHOUT FIRST SECURING THE PRIOR WRITTEN APPROVAL OF LG INDUSTRIES, INC. 1989 LG INDUSTRIES, INC. ALL RIGHTS RESERVED</div> |                                   | DEC.DIM.X.XX + -.015"       |          |          | √=125° FINISH SHARP EDGES                           |  |                |           |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   | DEC.DIM.X.XXX + -.005"      |          |          |                                                     |  |                |           |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   | INCORPORATED                |          |          |                                                     |  |                |           |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   | EXTON, PA 19341-0479 U.S.A. |          |          | DWN.BY: T-KHA                                       |  | DATE: 10/14/91 |           | FOR ASS'Y.SEE DWG. |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   |                             |          |          | CHK'D BY: SFM                                       |  | DATE: 10/18/91 |           | DRAWING NO.        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   |                             |          |          | DES.BY: GS                                          |  | DATE: 12/5/91  |           | D-4587-41          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                   |                             |          |          | APVD.BY: DEA                                        |  | DATE: 12/5/91  |           | 1/1 C              |  |