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Od

T0-029-052-VS

1

REV

DESCRIPTION

DRN

CHK

APP

DAT

E

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EXCEPT AS NOTED, DIMENSIONS ARE IN MILLIMETERS.

2. MARK WEIGHT (22 MT) IN TWO VISIBLE LOCATIONS WITH WHITE LETTERS 150mm HIGH.

3. TO BE MACHINED

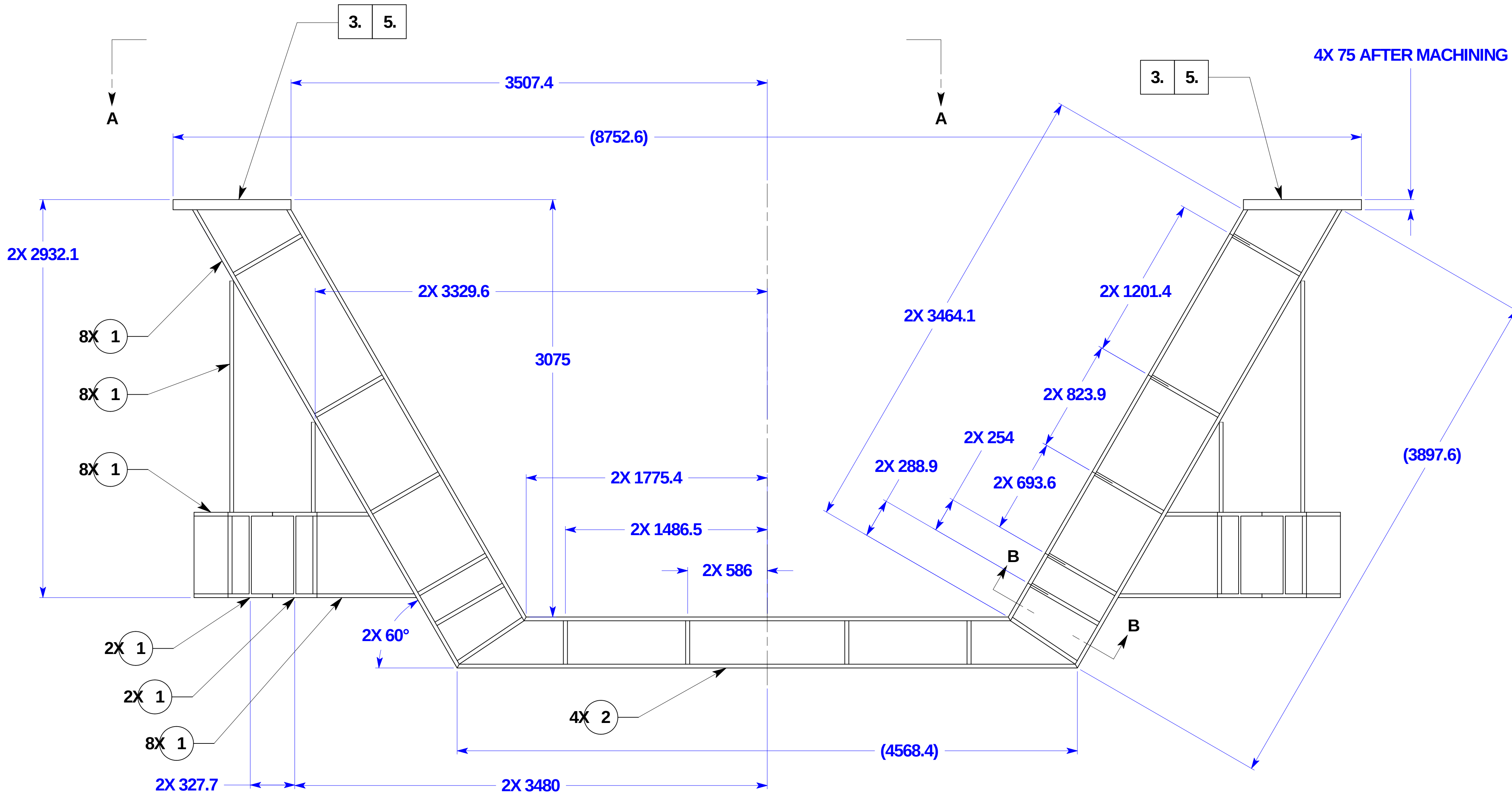
4. WELDS ARE TO CONFORM TO AWS D1.1 AS LATEST AMENDED OR EQUIVALENT.

5. COAT WITH AISC CLASS A COATING FOR SLIP-CRITICAL CONNECTIONS.

3. 5.

3. 5.

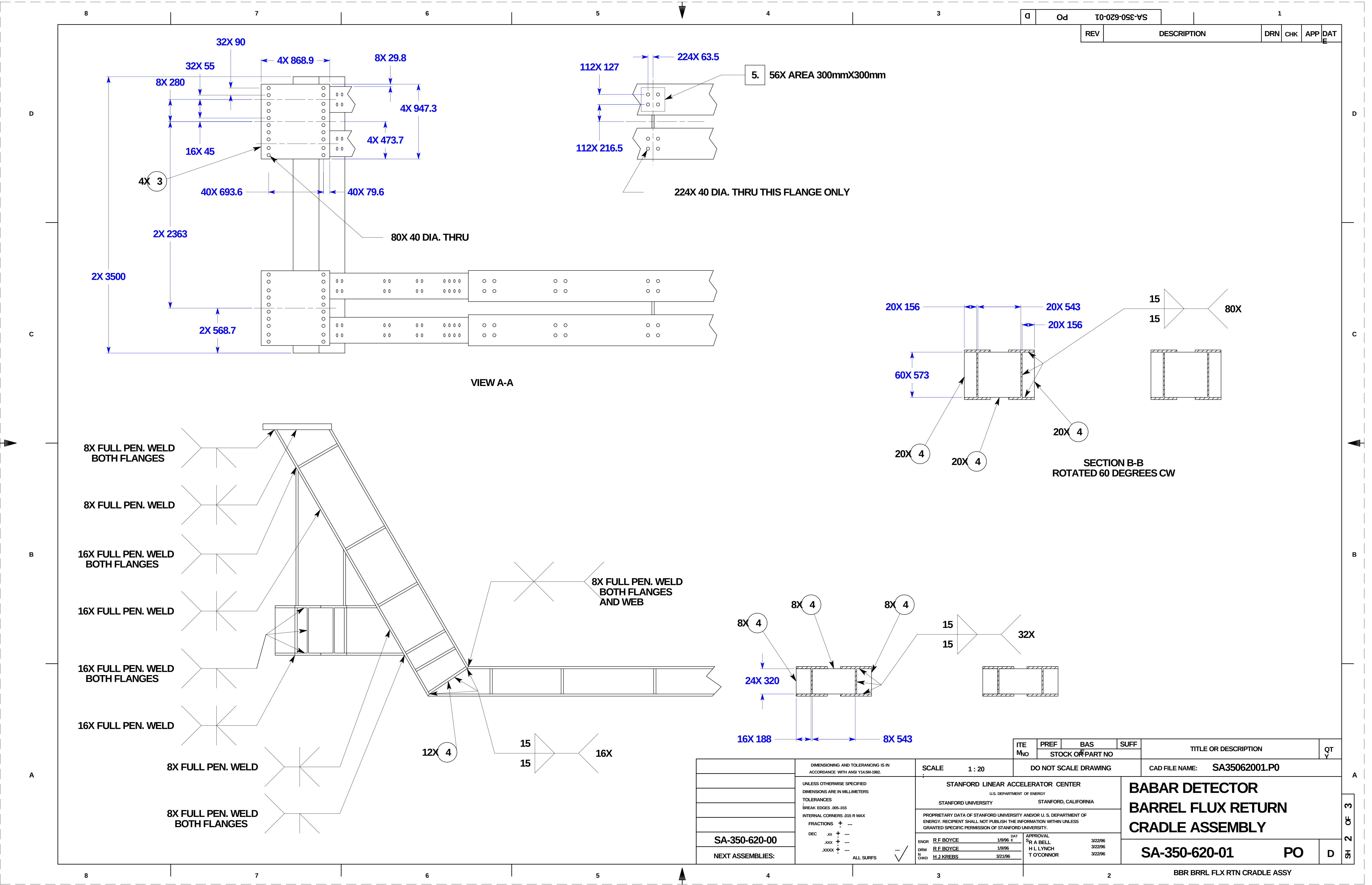
4X 75 AFTER MACHINING



|     |      |     |      |                           |    |
|-----|------|-----|------|---------------------------|----|
| 4   | -    | -   | -    | PLATE, STEEL, 30mm THICK  | AR |
| 3   | -    | -   | -    | PLATE, STEEL, 80mm THICK  | AR |
| 2   | -    | -   | -    | W14 X 145 BEAM, A36 STEEL | AR |
| 1   | -    | -   | -    | W24 X 146 BEAM, A36 STEEL | AR |
| ITE | PREF | BAS | SUFF | TITLE OR DESCRIPTION      | QT |
| M   |      |     |      |                           |    |

|                  |                                                                                                                                                      |           |                                                                                                                                                                                          |  |                      |  |                                                         |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|---------------------------------------------------------|--|
|                  | DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.                                                                                 |           | SCALE 1 : 20                                                                                                                                                                             |  | DO NOT SCALE DRAWING |  | CAD FILE NAME: SA35062001.P0                            |  |
|                  | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES<br>BREAK EDGES .005-.015<br>INTERNAL CORNERS .015 R MAX<br>FRACTIONS + --- |           | STANFORD LINEAR ACCELERATOR CENTER<br>U.S. DEPARTMENT OF ENERGY<br>STANFORD UNIVERSITY STANFORD, CALIFORNIA                                                                              |  |                      |  | BABAR DETECTOR<br>BARREL FLUX RETURN<br>CRADLE ASSEMBLY |  |
|                  | DEC .XX + ---<br>.XXX + ---<br>.XXXX + ---                                                                                                           |           | PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U. S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY. |  |                      |  |                                                         |  |
| SA-350-620-00    |                                                                                                                                                      |           | ENGR R.F. BOYCE 1/19/96 DAT<br>DRW R.F. BOYCE 1/19/96<br>CHKD H.J. KREBS 3/21/96                                                                                                         |  |                      |  |                                                         |  |
| NEXT ASSEMBLIES: |                                                                                                                                                      | ALL SURFS |                                                                                                                                                                                          |  |                      |  | SA-350-620-01 PO D                                      |  |



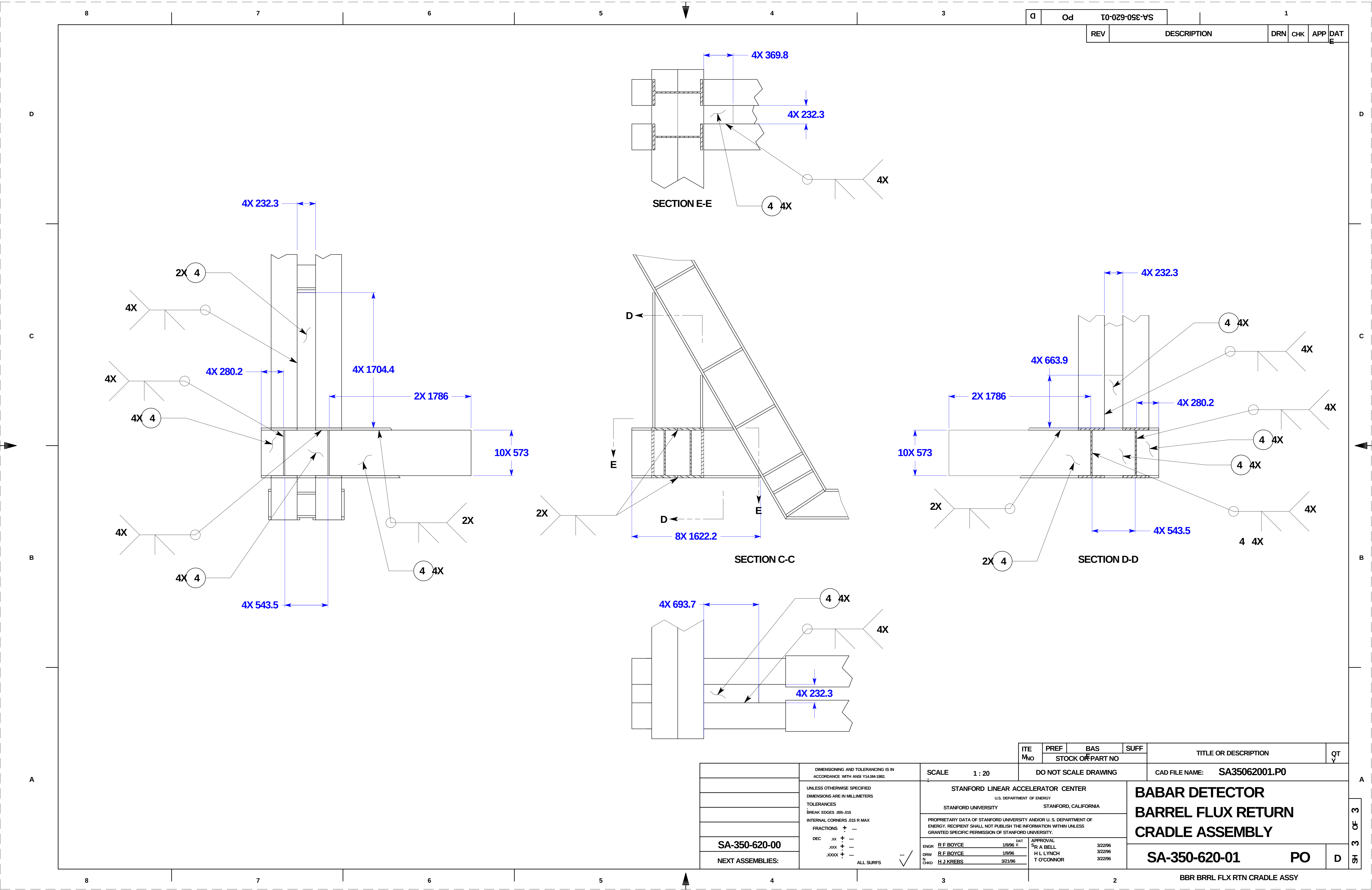


| REV | DESCRIPTION | DRN | CHK | APP | DAT |
|-----|-------------|-----|-----|-----|-----|
|-----|-------------|-----|-----|-----|-----|

| ITE                                                     | PREF | BAS | SUFF | TITLE OR DESCRIPTION | QTY |
|---------------------------------------------------------|------|-----|------|----------------------|-----|
| M0                                                      |      |     |      | STOCK OFF PART NO    |     |
| CAD FILE NAME: SA35062001.P0                            |      |     |      |                      |     |
| BABAR DETECTOR<br>BARREL FLUX RETURN<br>CRADLE ASSEMBLY |      |     |      |                      |     |
| SA-350-620-01                                           |      |     |      |                      |     |
| PO                                                      |      |     |      |                      |     |
| D                                                       |      |     |      |                      |     |

|                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                         |  |                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|
| DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.                                                                                                                                             |  | SCALE 1 : 20                                                                                                                                                                                                                                                                                            |  | DO NOT SCALE DRAWING                                                     |  |
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES<br>BREAK EDGES .005-.015<br>INTERNAL CORNERS .015 R MAX<br>FRACTIONS + ---<br>DEC .XX + ---<br>.XXX + ---<br>.XXXX + ---<br>ALL SURFS |  | STANFORD LINEAR ACCELERATOR CENTER<br>U.S. DEPARTMENT OF ENERGY<br>STANFORD UNIVERSITY STANFORD, CALIFORNIA<br>PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U. S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY. |  | APPROVAL<br>SR A BELL 3/22/96<br>H L LYNCH 3/22/96<br>T O'CONNOR 3/22/96 |  |
| SA-350-620-00                                                                                                                                                                                                    |  | ENGR R F BOYCE 1/9/96 E<br>DRW R F BOYCE 1/9/96<br>CHKD H J KREBS 3/21/96                                                                                                                                                                                                                               |  | DATE 3/22/96                                                             |  |
| NEXT ASSEMBLIES:                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                         |  |                                                                          |  |





| REV | DESCRIPTION | DRN | CHK | APP | DAT |
|-----|-------------|-----|-----|-----|-----|
| 1   |             |     |     |     |     |

| ITE                                                     | PREF | BAS | SUFF | TITLE OR DESCRIPTION | QTY |
|---------------------------------------------------------|------|-----|------|----------------------|-----|
| M                                                       | NO   | NO  | NO   |                      |     |
| STOCK OFF PART NO                                       |      |     |      |                      |     |
| CAD FILE NAME: SA35062001.P0                            |      |     |      |                      |     |
| BABAR DETECTOR<br>BARREL FLUX RETURN<br>CRADLE ASSEMBLY |      |     |      |                      |     |
| SA-350-620-01 PO                                        |      |     |      |                      | D   |

|                                                                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.                                                                                                                                             |  |
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES<br>BREAK EDGES .005-.015<br>INTERNAL CORNERS .015 R MAX<br>FRACTIONS + ---<br>DEC .XX + ---<br>.XXX + ---<br>.XXXX + ---<br>ALL SURFS |  |
| NEXT ASSEMBLIES:                                                                                                                                                                                                 |  |

|                                                                                                                |             |                                                                                                                                                                                          |          |
|----------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| SCALE 1 : 20                                                                                                   |             | DO NOT SCALE DRAWING                                                                                                                                                                     |          |
| STANFORD LINEAR ACCELERATOR CENTER<br>U.S. DEPARTMENT OF ENERGY<br>STANFORD UNIVERSITY<br>STANFORD, CALIFORNIA |             | PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U. S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY. |          |
| ENGR                                                                                                           | R. F. BOYCE | DAT                                                                                                                                                                                      | 1/9/96 E |
| DRW                                                                                                            | R. F. BOYCE | DAT                                                                                                                                                                                      | 1/9/96   |
| CHKD                                                                                                           | H. J. KREBS | DAT                                                                                                                                                                                      | 3/21/96  |
| APPROVAL                                                                                                       |             | 3/22/96                                                                                                                                                                                  |          |
| SR A. BELL                                                                                                     |             | 3/22/96                                                                                                                                                                                  |          |
| H. L. LYNCH                                                                                                    |             | 3/22/96                                                                                                                                                                                  |          |
| T. O'CONNOR                                                                                                    |             |                                                                                                                                                                                          |          |

|                                                         |  |
|---------------------------------------------------------|--|
| BABAR DETECTOR<br>BARREL FLUX RETURN<br>CRADLE ASSEMBLY |  |
| SA-350-620-01 PO                                        |  |
| BBR BRRL FLX RTN CRADLE ASSY                            |  |