
Operation and Maintenance Manual

VOLUME 3 **PARTS MANUAL**

| | |
|--------------------------|-----------------------|
| Serial Number | 3818 |
| Customer Name | Unarco Industries |
| Machine Type | 2 Wheel Table Spinner |
| Manual Issue Date | 9-19-2022 |

Equipment Drawing List

The following drawings are considered necessary for ordering replacement and spare parts, proper maintenance and operation:

Drawings included are arrangements and assemblies and will not include details which are Wheelabrator proprietary technical data.

For technical assistance and service for your Wheelabrator machine please contact the location nearest your machine installation:

USA / North America

800 544 4144 / 706 884 6884

Mexico

+52 81 1946 1000

www.wheelabratorgroup.com

Operation and Maintenance Manual



SPECIAL NOTICE.

USE NEW ABRASIVE ONLY PER MACHINE SPECIFICATION. THIS IS ESPECIALLY IMPORTANT IN APPLICATIONS WHERE FLAMABLE MATERIAL IS INVOLVED; THESE MAY INCLUDE, BUT ARE NOT LIMITED TO, ALUMINUM AND MAGNESIUM. IF ALL THE PARTICLES PRESENT ON THE SYSTEM ARE LARGER THAN 500 MICRONS, AN EXPLOSION WILL PROBABLY NOT BE SUSTAINED.

Section 1 Service Group & Recommended Spare Parts

1.1 Service Group

1.1.1 Equipment Modernization Programs (EMP)

Wheelabrator makes the latest technology and process improvements available for all air-blast equipment. Prior to any equipment modernization recommendations, Wheelabrator professionals will provide inspection services for your current blasting equipment to determine the optimal solution for your requirements. Part of the assessment includes reviewing the available modernization options with the customer to determine what cost savings or efficiencies will be realized as a result of the modernization process.

1.1.2 Service, Maintenance and Training

At Wheelabrator, our goal is to assist you in ensuring that your air-blast equipment performs to your expectations. Wheelabrator will define a service and maintenance schedule that fits in with your requirements, as well as providing training to your staff to ensure that the equipment continues to work in the most productive manner.

| Service, Maintenance, and Training | |
|-------------------------------------------|-------------------------------|
| Wheelabrator Group | |
| 1606 Executive Drive | |
| Lagrange, GA., 30240 | |
| Telephone | 1-(800) 544-4144 |
| Telephone | 1-(706) 884-6884 |
| Fax | N/A |
| Email | service@wheelabratorgroup.com |

1.2 Recommended Wear Parts List

1.2.1 Replacement Parts

The Wheelabrator Group offers a wide variety of air-blast technologies, and has the most extensive knowledge of the industry. If you are looking to replace a part from a Wheelabrator machine, or looking for a competitive part, Wheelabrator will assist you in determining the specific part for your equipment.

1.2.2 Consumable Wear Parts Recommend for Stock

NOTE: THIS WEAR PARTS LIST IS AN UNCONTROLLED DOCUMENT. BEFORE ORDERING PARTS, VERIFY PART NUMBERS WITH THE WHEELABRATOR ORDER DESK. THESE ARE THE RECOMMENDED MINIMUM. DEPENDENT ON YOUR OPERATING CONDITIONS OF YOUR EQUIPMENT MAY NECESSITATE ADDITIONAL ITEMS. PLEASE CONSULTED WITH YOUR LOCAL REPRESENTATIVE FOR ASSISTANCE.

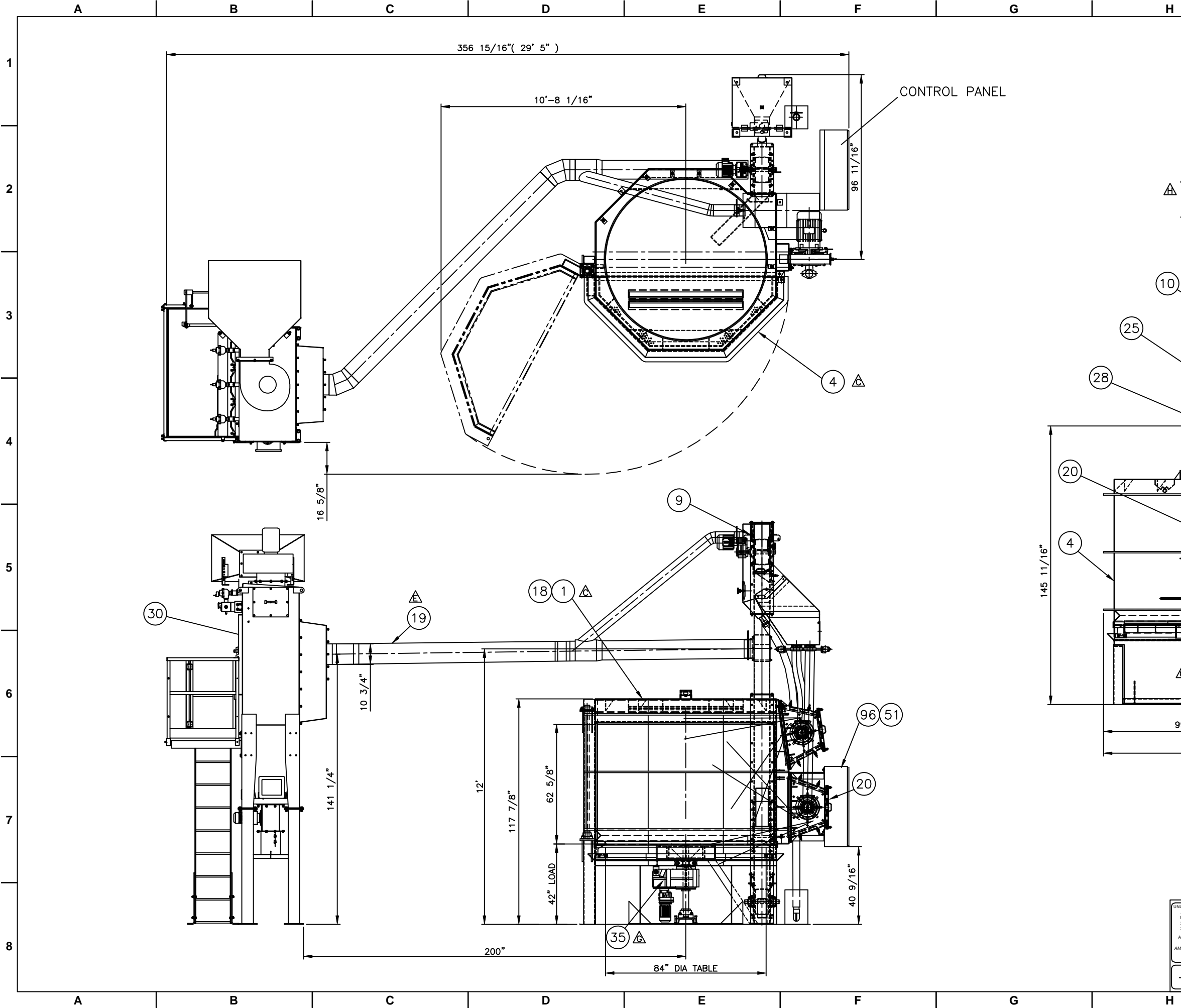


Assembly Drawing List – J3818

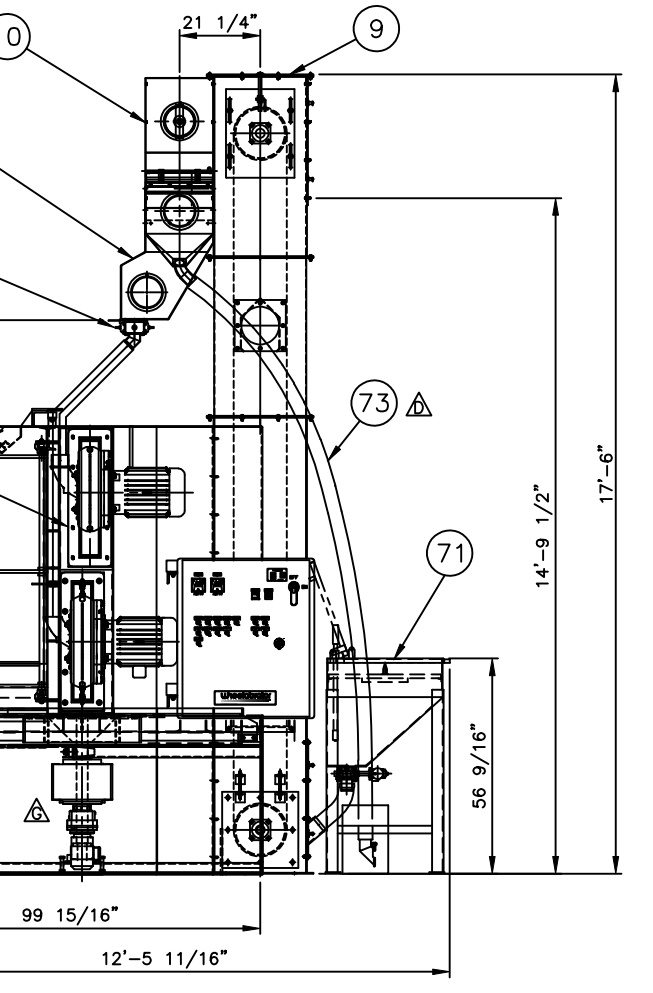
The following drawings, listed in the order of insertion, are considered necessary for ordering replacement and spare parts, proper maintenance and operation:

| Drawing Number | Rev. Letter | Group No. | Title |
|----------------|-------------|-----------|--------------------------------|
| A1-110965 | H | 22 | GENERAL ARRANGEMENT |
| A1-103421 | A | 04 | WORK DOOR ARRANGEMENT |
| A2-52165 | 0 | 04 | DOOR LOCK ASSEMBLY |
| A1-110999 | 0 | 09 | ELEVATOR ASSEMBLY |
| A1-96961 | 0 | 09 | ELEVATOR BOOT ASSEMBLY |
| A1-110998 | A | 09 | ELEVATOR HEAD ASSEMBLY |
| 06D0703 | C | 09 | ELEVATOR BELT ASSEMBLY |
| 98D0884 | E | 10 | 18" GRAVITY SEPARATOR ASSEMBLY |
| A1-97133 | B | 18 | RUBBER LINER ASSEMBLY |
| A1-111026 | 0 | 19 | DUCTING ARRANGEMENT |
| A1-110990 | 0 | 20 | BLAST WHEEL ASSEMBLY |
| 05D0132 | B | 20 | BLAST WHEEL BLADE INTERNALS |
| 05D0124 | E | 20 | BLAST WHEEL HOUSING ASSEMBLY |
| A2-53692 | 0 | 20 | WHEEL PULLER INSTRUCTIONS |
| A1-111568 | 0 | 27 | CABINET LINER ARRANGEMENT |
| A1-111000 | A | 28 | FEED PIPE ARRANGEMENT |

| Drawing Number | Rev. Letter | Group No. | Title |
|----------------|-------------|-----------|----------------------------------|
| A1-111012 | 0 | 29 | NAME PLATE ARRANGEMENT (ENGLISH) |
| A1-111023 | 0 | 30 | CJP36-3W2D DUST COLLECTOR |
| A2-55430 | D | 30 | PHOTOHELIC TIMER ASSEMBLY |
| A1-111002 | A | 35 | WORK TABLE ASSEMBLY |
| A1-97324 | B | 71 | ABRASIVE ADDER ARRANGEMENT |
| A1-111385 | 0 | 73 | TRASH AND RECLAIM COMPONENTS |
| A1-13936 | 0 | 73 | ROTARY VALVE ASSEMBLY |
| A3-60384 | 0 | 96 | POWER SCHEMATIC |
| A3-60385 | 0 | 96 | CONTROL SCHEMATIC #1 |
| A3-60386 | 0 | 96 | CONTROL SCHEMATIC #2 |
| A3-60387 | 0 | 96 | CONTROL SCHEMATIC #3 |
| A3-60388 | 0 | 96 | CONTROL SCHEMATIC #4 |
| A3-60389 | 0 | 96 | PNEUMATIC SCHEMATIC |
| A3-60390 | 0 | 96 | PHOTOHELIC CONTROLS |
| A3-60392 | 0 | 96 | MAIN PANEL LAYOUT |
| | | | |



| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|-----------|-------------------------------------|------|
| 1 | 1 | C255998 | A1-110964 | BLAST CABINET ASSEMBLY | 4401 |
| 4 | 1 | C241893 | A1-103421 | WORK DOOR ARRANGEMENT | 3594 |
| 9 | 1 | C256058 | A1-110999 | ELEVATOR ASSY, 460V/3/60 | 804 |
| 10 | 1 | 718608 | 98D0884 | 18" GRAVITY SEPARATOR ASSEMBLY | - |
| 18 | 1 | C230037 | A1-97133 | RUBBER LINER ASSEMBLY | 12 |
| 19 | 1 | C256091 | A1-111026 | DUCTING ARRANGEMENT | - |
| 20 | 2 | C256033 | A1-110990 | BLAST WHEEL ASSY. 15 HP, 8 BLD, 49" | - |
| 25 | 1 | 725515 | 00D1102 | ABRASSIVE STORAGE HOOPER | - |
| 27 | 1 | C257024 | A1-111568 | CABINET LINER ARRANGEMENT | - |
| 28 | 1 | C256059 | A1-111000 | ABRASIVE CONTROL ASSEMBLY | 36 |
| 29 | 1 | C256068 | A1-111012 | NAME PLATE ARRANGEMENT (ENGLISH) | - |
| 30 | 1 | C256080 | A1-111023 | CJP36-3W2D, 2640 CFM @ 2:1, 460V | 3426 |
| 35 | 1 | C256062 | A1-111002 | WORK TABLE ASSEMBLY, 460V/3/60 | 3846 |
| 51 | 1 | C258401 | A1-112463 | CONTROL PANEL MOUNT | - |
| 71 | 1 | C230376 | A1-97324 | ABRASIVE ADDER ARRANGEMENT | 423 |
| 73 | 1 | C256746 | A1-111385 | TRASH AND RECLAIM COMPONENTS | - |
| 96 | 1 | - | A3-60383 | ELECTRICAL SCHEMATIC | - |



| REV | DATE | DESCRIPTION | BY |
|-----|-------------|----------------------------------------|------|
| H | 24 JUN 2011 | ITEM 51 CHANGED | |
| G | 24 MAY 2011 | GROUP 35 REDESIGNED | J.P. |
| F | 03 MAY 2011 | REPLACED ITEM 27 (A1-103155) | J.P. |
| E | 28 APR 2011 | DUCT ADDED | J.P. |
| D | 20 APR 2011 | ITEM 73 ADDED | J.P. |
| C | 08 APR 2011 | ADJUSTED FOR LOGISTICS (GROUP 1 & 4) | J.P. |
| B | 01 APR 2011 | DWG # CORRECTED | J.P. |
| A | 01 APR 2011 | ITEM 51 ADDED | J.P. |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.06
 3 PL DEC ±.005

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PROJECT 3818
 COPY OF A1-101033
 PNC C255993

GENERAL ARRANGEMENT
 TAM-84-2-15 TABLE MACHINE
 460V / 60HZ / 3PH

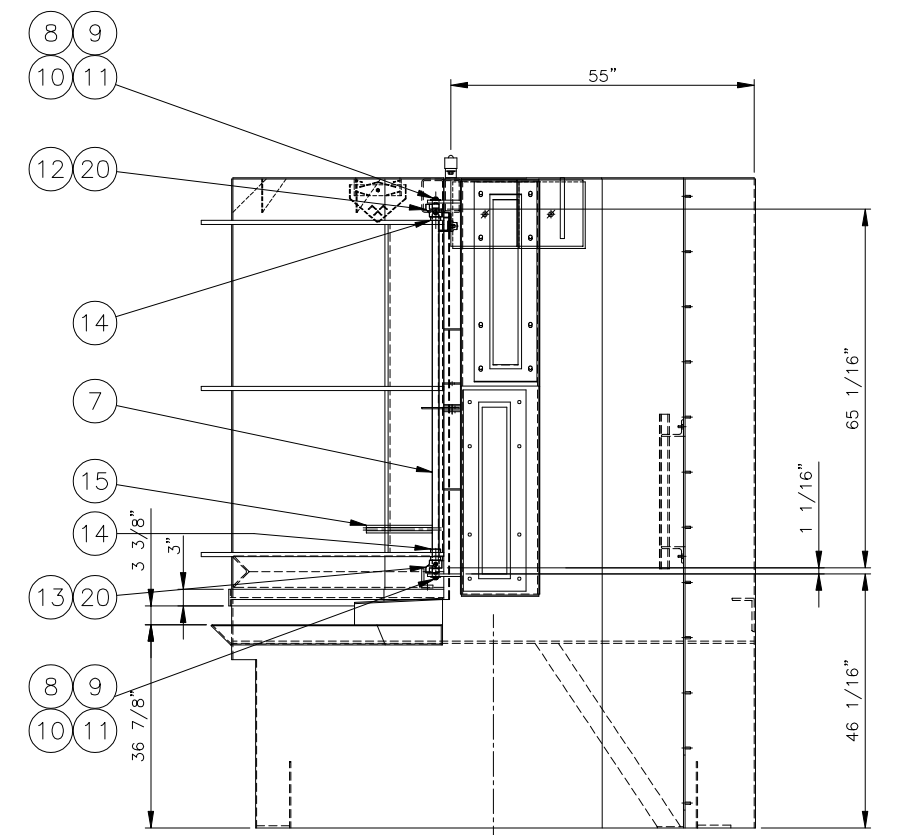
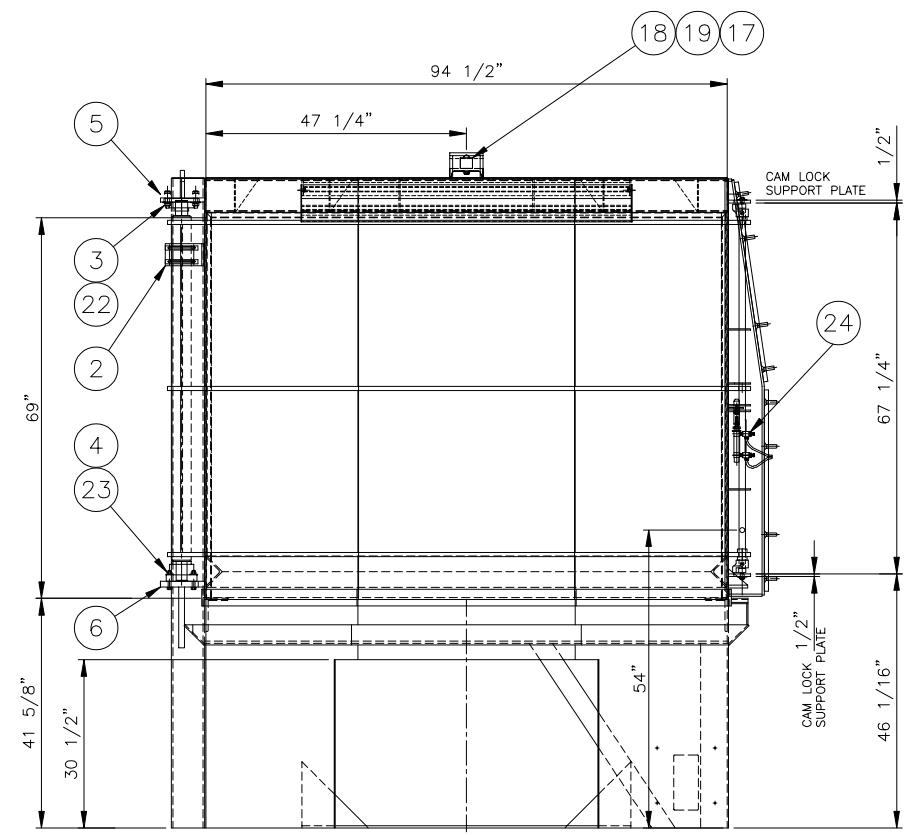
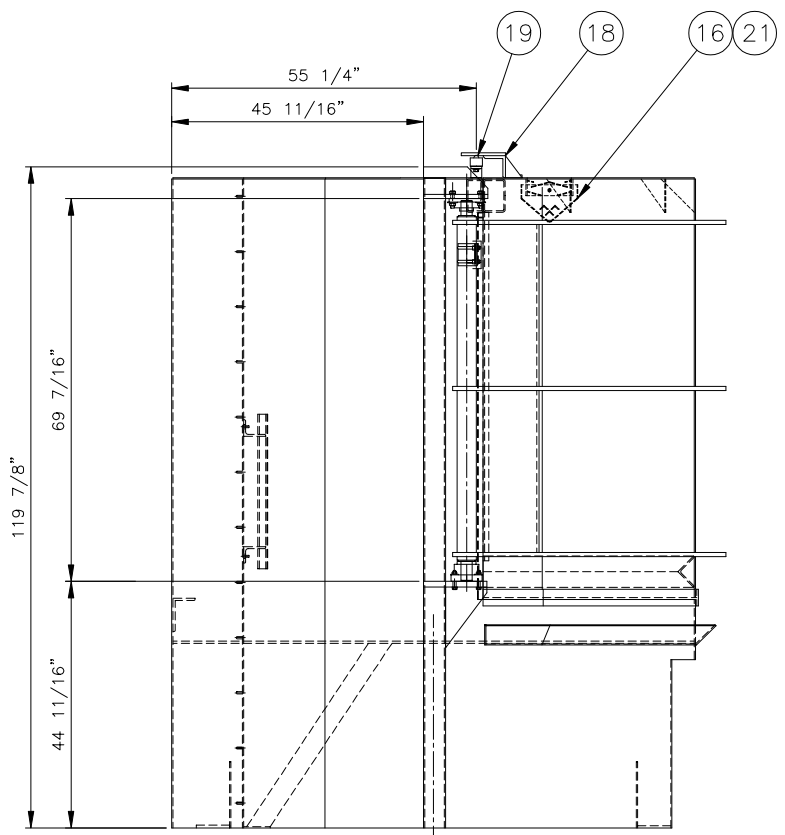
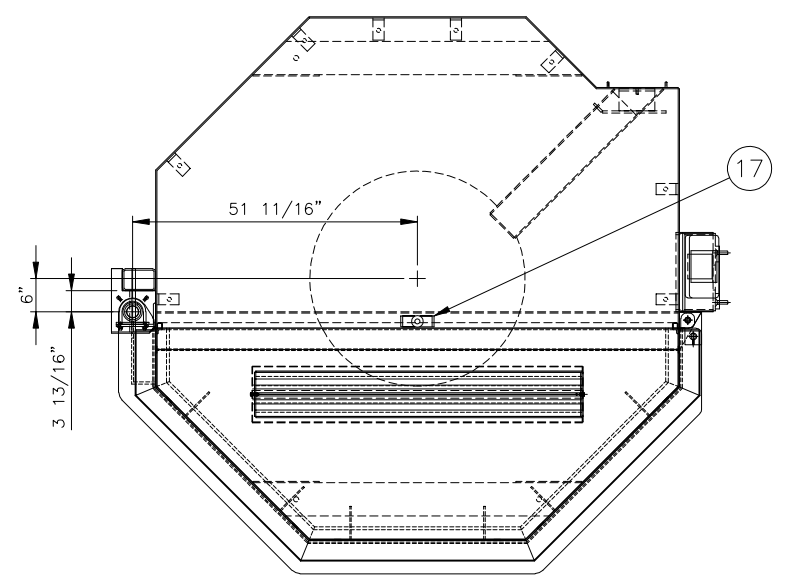
GROUP 22 WEIGHT SCALE 3/4"x1'-0" CREATED BY J PAPP SHEET 1 OF 1 SIZE D DATE 22 MAR 2011

REV A
DRAWING NO
A1-103421

DRAWING NO
A1-103421
REV
A

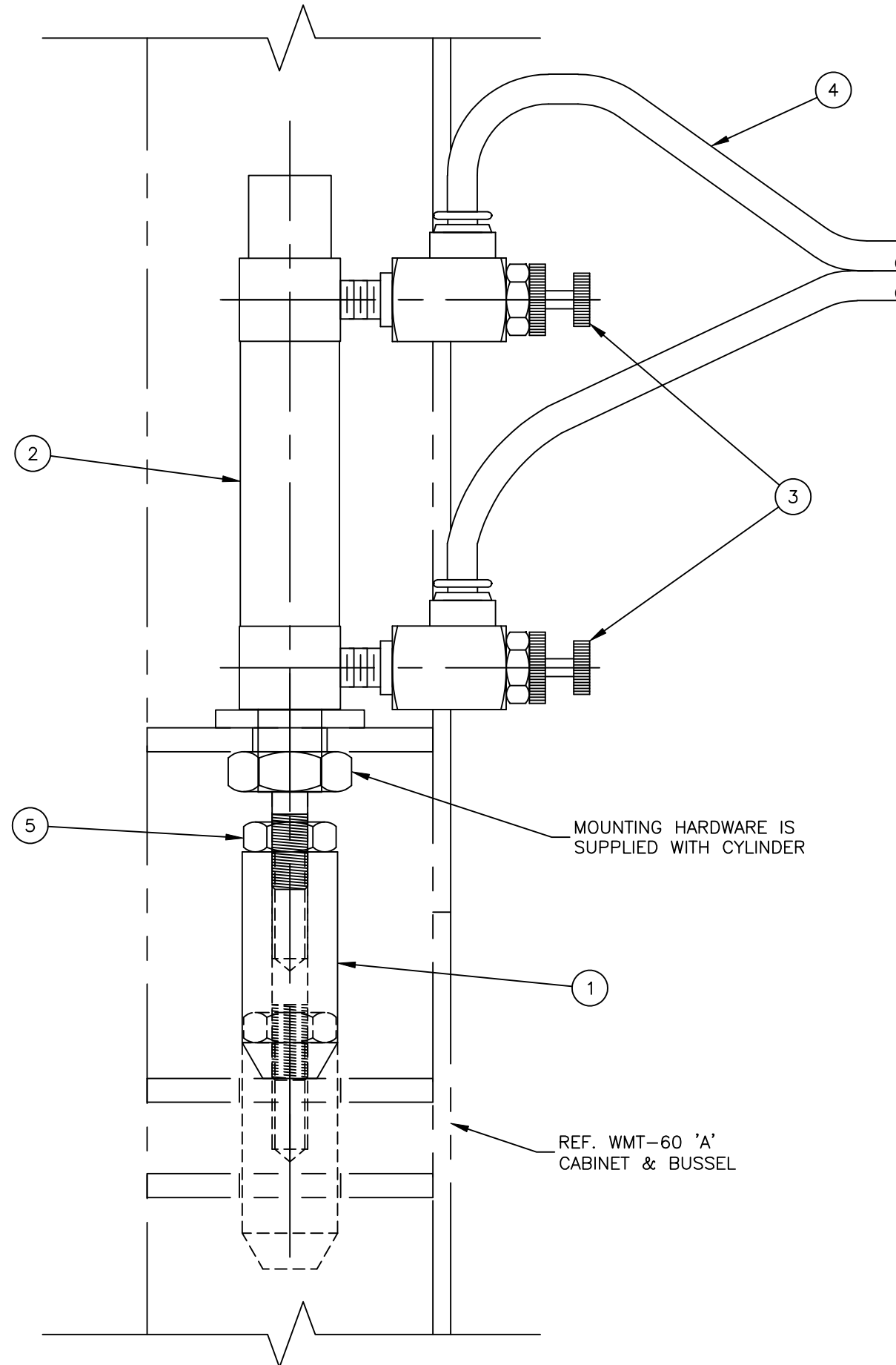
| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|-----------|------------------------------------------|------|
| 1 | 1 | C241894 | A1-103422 | DOOR WELDMENT | 3464 |
| 2 | 1 | C230016 | A2-52052 | DOOR TENSIONER 3 1/2" | 5 |
| 3 | 1 | C14963 | - | 2" BEARING - TOP | - |
| 4 | 1 | C19198 | - | 2" BEARING - BOTTOM | - |
| 5 | 1 | C256477 | A1-111236 | 2" BEARING MOUNT - TOP | 35 |
| 6 | 1 | C229911 | A1-97056 | 2" BEARING MOUNT- BOTTOM | 51 |
| 7 | 1 | C230024 | A3-53761 | SHAFT - DOOR LOCK | 20 |
| 8 | 2 | - | - | 1/2" FLAT WASHER | - |
| 9 | 2 | - | - | 1/2" LOCK WASHER | - |
| 10 | 2 | - | - | 1/2" HEX JAM NUT | - |
| 11 | 2 | 447164 | - | CAM BEARING 1 1/4" O.D. | - |
| 12 | 1 | 016968 | 37B0448 | CAM DOOR LOCK - RH | - |
| 13 | 1 | 016967 | 37B0446 | CAM DOOR LOCK - LH | - |
| 14 | 3 | 060218 | - | SHAFT COLLAR | - |
| 15 | 1 | - | - | CR BAR 1" DIA X 12" | 3 |
| 16 | 1 | 679831 | 90C5009 | VENT SHROUD | - |
| 17 | 1 | C256478 | A3-60538 | TRANSFER BALL SUPPORT | 3 |
| 18 | 1 | C230096 | A3-53783 | DOOR CLOSURE BRACKET | 13 |
| 19 | 1 | 672127 | - | BALL TRANSFER | - |
| 20 | 2 | - | - | 3/8" -16 SET SCREW X 1/2" | - |
| 21 | 2 | - | - | 3/8" NC HEX BOLT X 1 1/4" | - |
| 22 | 4 | - | - | 5/8" NC HEX BOLT X 2 1/2" CW FL.FW & NUT | - |
| 23 | 4 | - | - | 1/2" NC HEX BOLT X 3" CW FL.FW & NUT | - |
| 24 | 1 | C230426 | A2-52165 | DOOR LOCK ASSY. C/W REED SWITCH | - |

NOTE:
 1. MOUNT ITEM #4 TO ITEM #6 WITH FASTENERS AS SPECIFIED. SLIDE MT'D BEARING ONTO EACH END OF SHAFT WITH DOOR LOCATED AS SHOWN AND WELD ITEM #6 TO CABINET HSS
 2. INSERT ITEM #7 THRU ITEM #14 BEFORE WELDING COLLARS TO DOOR GUSSETS. LOCATE CAM LOCK SUPPORT PLATES AFTER SHAFT IS PROPERLY LOCATED. ITEM #7 MUST ROTATE FREELY WITHIN COLLARS AFTER WELDING HAS BEEN COMPLETED.



| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED: ANGLES ±1° FRACTIONS ±1/16" 3 PL DEC ±.08 3 PL DEC ±.005 ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A2.4:2007 DO NOT SCALE DRAWING | THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE CONFIDENTIAL PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC. | |
| WORK DOOR ARRANGEMENT WT-84-SL TABLE | | PROJECT 3643 COPY OF A1-97114 PNC C241893 |
| GROUP 04 | WEIGHT 3594 SCALE 3/4"=1' | CREATED BY S MCBRIDE SHEET 04 OF 04 DATE 22 APR 2009 |

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|---------|---------------------------------------|----|
| 1 | 1 | 721057 | 99B0366 | DOOR LOCKING PIN | - |
| 2 | 1 | C230420 | - | DOUBLE ACTING CYLINDER | - |
| 3 | 2 | 721084 | - | VALVE/FLOW CONTROL | - |
| 4 | 1 | Y003175 | - | TUBING 8mm DUO X 96" LG. | - |
| 5 | 1 | 502785 | - | NUT/HEX M10 X 1.25 | - |
| 6 | 1 | C230418 | - | PROX. SENSOR (REED SWITCH) C/W BRAKET | - |

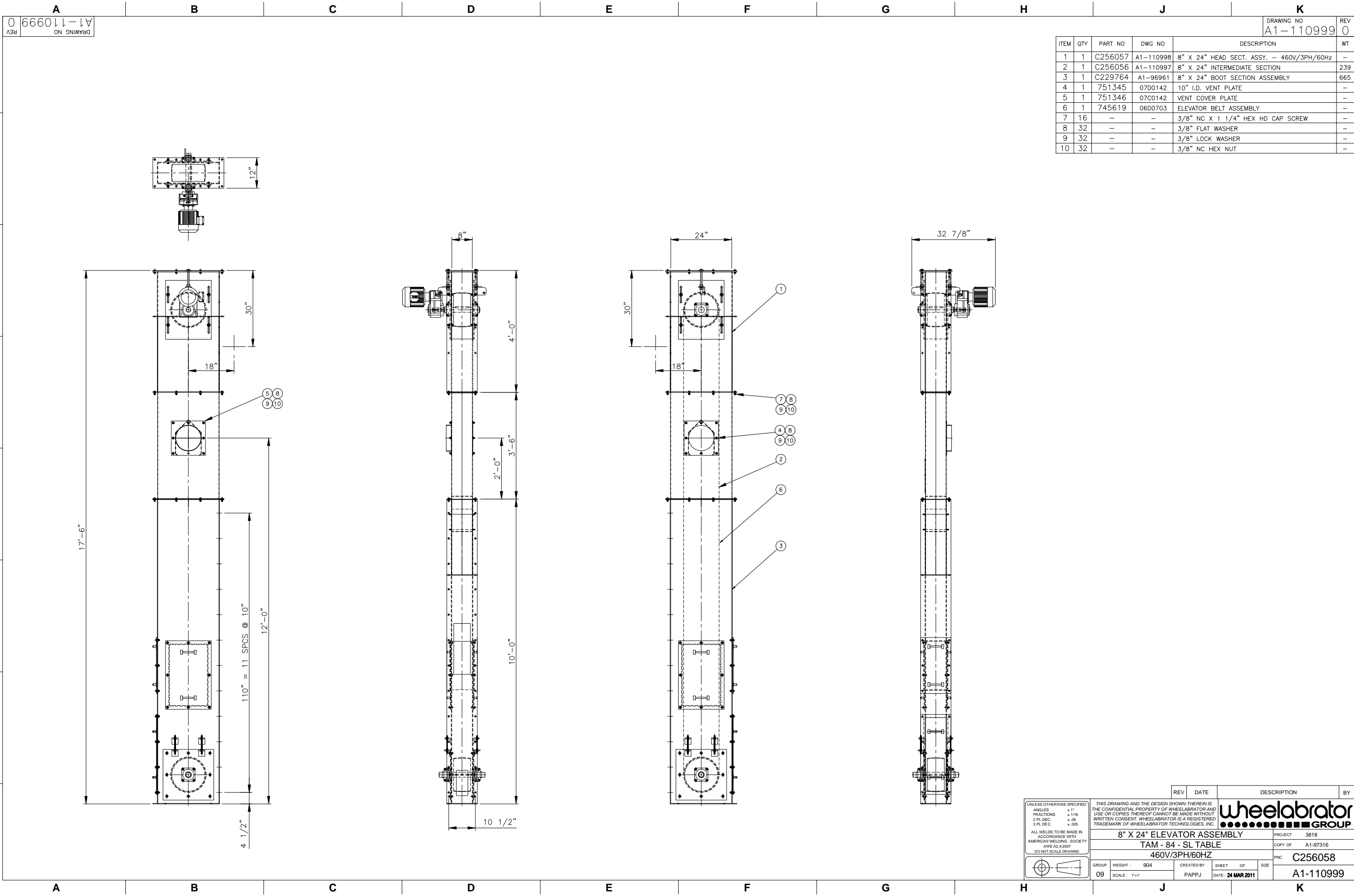


PN C230426

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| REV | DATE | DESCRIPTION | BY |
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| | | | | |
|-------------------------------------------------------------|---------------|------------------------|-------------------|--------------------|
| DOOR LOCK ASSY. C/W REED SWITCH WMT-60 'A' TABLE MACHINE | | DATE 03 JAN 2008 | DRAWN BORDIANL | COPY OF 0020430 |
| GROUP 04 | SCALE FULL | DRAWING NO A2-52165 | REV 0 | WEIGHT - |



REV 0
DRAWING NO
A1-110999

DRAWING NO
A1-110999
REV
0

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|-----------|-------------------------------------------|-----|
| 1 | 1 | C256057 | A1-110998 | 8" X 24" HEAD SECT. ASSY. - 460V/3PH/60Hz | - |
| 2 | 1 | C256056 | A1-110997 | 8" X 24" INTERMEDIATE SECTION | 239 |
| 3 | 1 | C229764 | A1-96961 | 8" X 24" BOOT SECTION ASSEMBLY | 665 |
| 4 | 1 | 751345 | 07D0142 | 10" I.D. VENT PLATE | - |
| 5 | 1 | 751346 | 07C0142 | VENT COVER PLATE | - |
| 6 | 1 | 745619 | 06D0703 | ELEVATOR BELT ASSEMBLY | - |
| 7 | 16 | - | - | 3/8" NC X 1 1/4" HEX HD CAP SCREW | - |
| 8 | 32 | - | - | 3/8" FLAT WASHER | - |
| 9 | 32 | - | - | 3/8" LOCK WASHER | - |
| 10 | 32 | - | - | 3/8" NC HEX NUT | - |

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.01
 3 PL DEC ±.005

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GROUP

8" X 24" ELEVATOR ASSEMBLY
 TAM - 84 - SL TABLE
 460V/3PH/60HZ

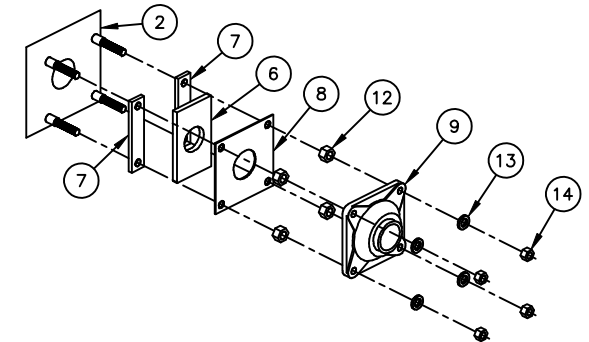
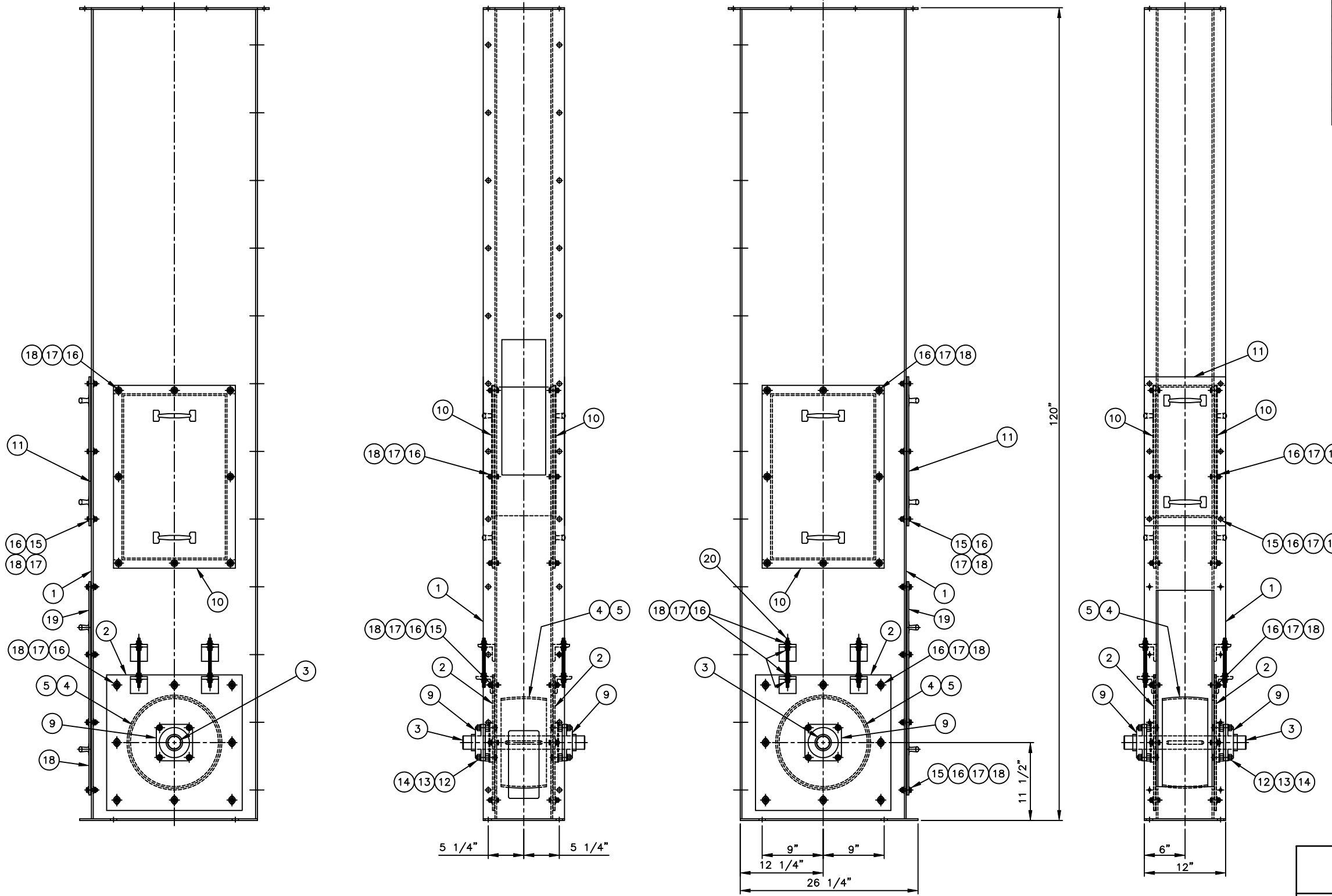
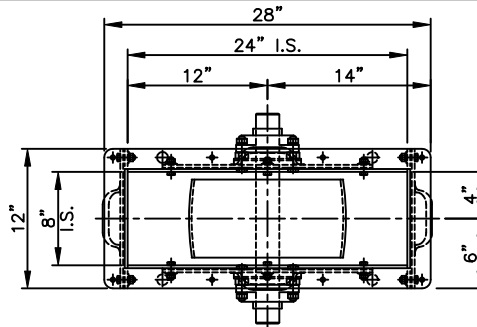
PROJECT 3818
 COPY OF A1-97316
 PNC C256058

| | | | | |
|----------|------------|------------------|----------------|------------------|
| GROUP 09 | WEIGHT 904 | CREATED BY PAPPJ | SHEET 01 OF 01 | DATE 24 MAR 2011 |
|----------|------------|------------------|----------------|------------------|

SCALE: 1"=1'

REV 0
 DRAWING NO
 A1-110999

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|--------------------------------|-----|
| 1 | 1 | C229749 | A1-96948 | BOOT SECTION WELDMENT | 665 |
| 2 | 2 | 737862 | 04C0457 | BOOT SECTION ADJUSTMENT PLATE | - |
| 3 | 1 | 690623 | 94C0568 | BOOT SECTION SHAFT | - |
| 4 | 1 | 737791 | - | PULLEY 13.00"OD W/3/8" LAGGING | - |
| 5 | 1 | 501938 | - | KEY 1/2" X 1/2" X 5.00" | - |
| 6 | 2 | 489220 | 89D0152 | SHAFT FELT SEAL | - |
| 7 | 4 | 489621 | 89D0152 | SHAFT SEAL SPACER BAR | - |
| 8 | 2 | 489221 | 89D0152 | SHAFT SEAL RETAINER | - |
| 9 | 2 | 098280 | - | BEARING FG4 2.00"B | - |
| 10 | 2 | 690624 | 94C0569 | BOOT SECTION COVER PLATE | - |
| 11 | 1 | 690625 | 94C0570 | BOOT SECTION COVER PLATE | - |
| 12 | 8 | 500063 | - | 5/8-11 HEX NUT | - |
| 13 | 8 | 500116 | - | 1/2" LOCK WASHER | - |
| 14 | 8 | 500062 | - | 1/2-13 HEX NUT | - |
| 15 | 6 | 500768 | - | 3/8-16 X 1.25" HEX HD CAP SCR | - |
| 16 | 62 | 500104 | - | 3/8" FLAT WASHER | - |
| 17 | 62 | 500115 | - | 3/8" LOCK WASHER | - |
| 18 | 62 | 500060 | - | 3/8"-16 HEX NUT | - |
| 19 | 1 | 690656 | 94C0578 | BOOT SECTION SIDE COVER | - |
| 20 | 4 | Y001929 | - | 3/8-16 THREADED ROD X 7.25" | - |



BEARING MOUNTING ASSEMBLY

PN C229764

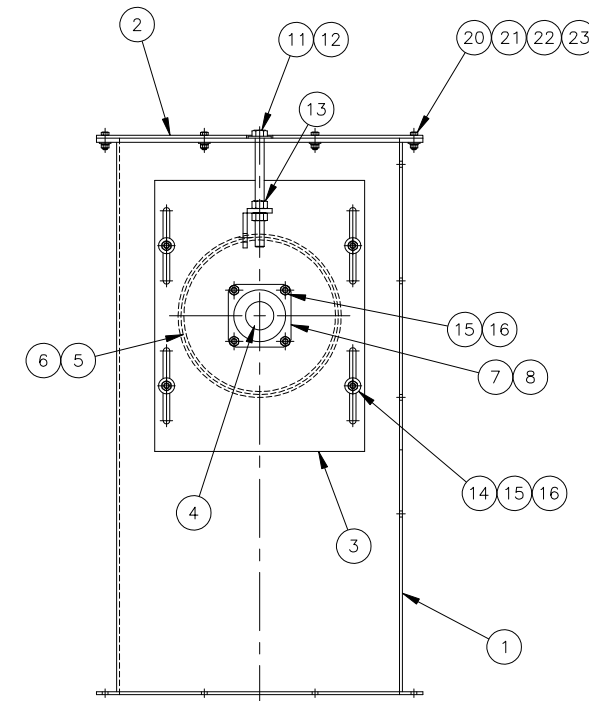
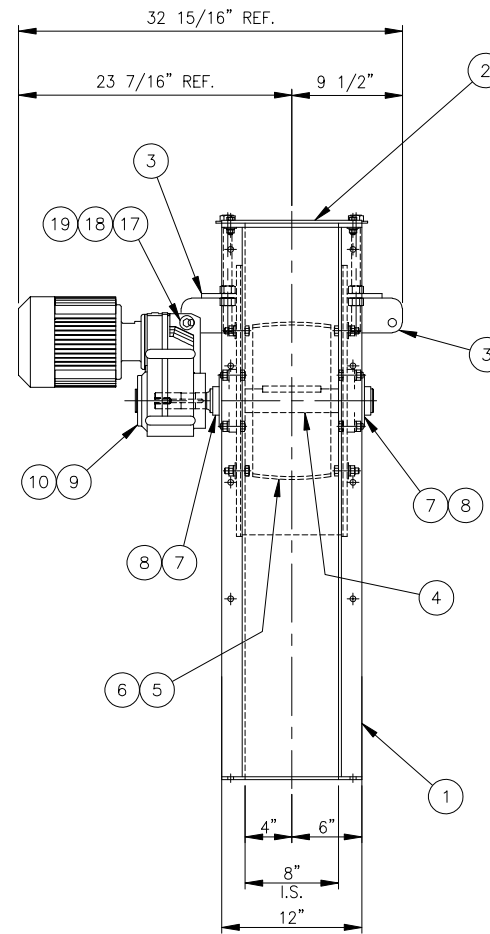
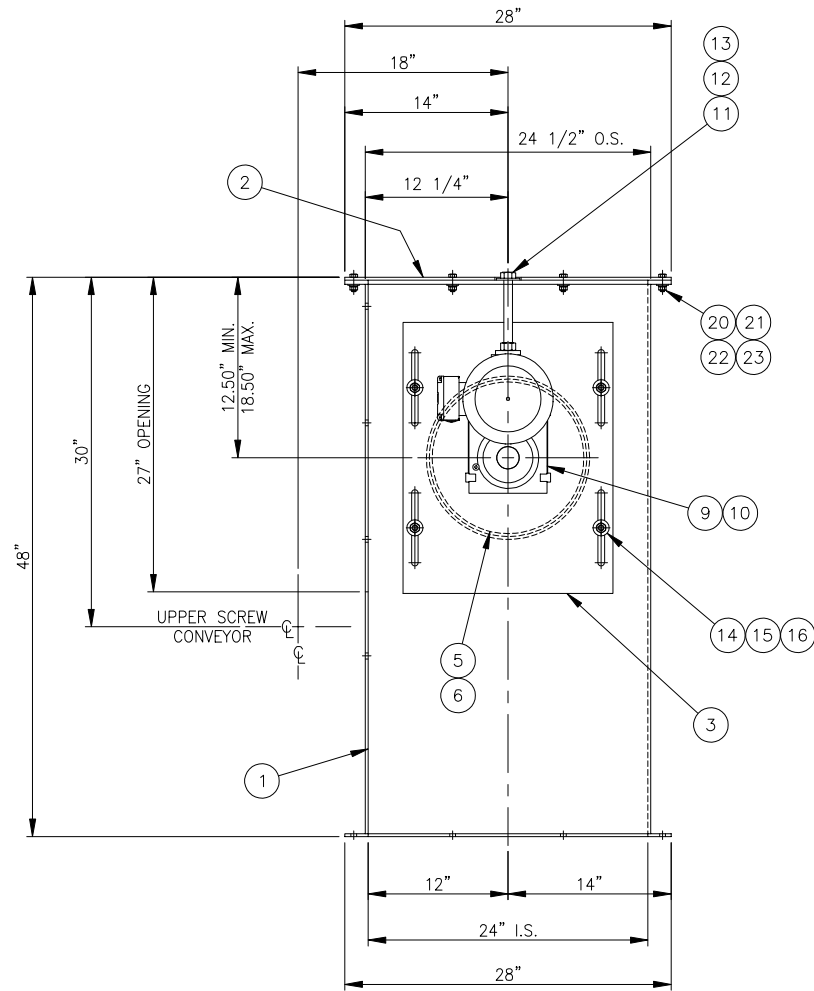
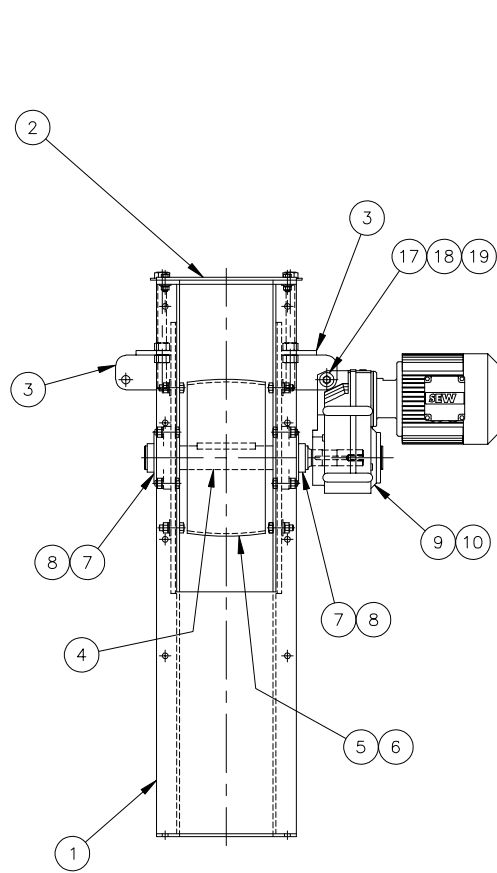
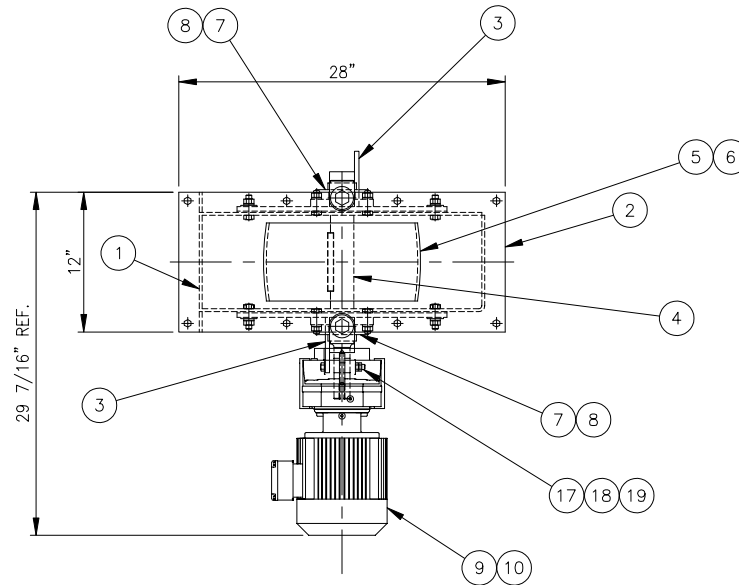
WHEELABRATOR

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

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| | | | | |
|--------------------------------|--------------------|------------------------|-------------------|--------------------|
| 8" X 24" BOOT SECTION ASSEMBLY | | DATE 21 NOV 2007 | DRAWN BORDIANL | COPY OF 08D0719 |
| GROUP 09 | SCALE 1 1/2"=1' | DRAWING NO A1-96961 | REV 0 | WEIGHT 665 |

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|---------|------------------------------------------|----|
| 1 | 1 | 737794 | 04D0748 | HEAD SECTION WELDMENT | - |
| 2 | 1 | 690599 | 94C0562 | TOP COVER PLATE | - |
| 3 | 2 | 743709 | 06D0217 | TAKE-UP PLATE | - |
| 4 | 1 | 743711 | 06B0079 | HEAD SECTION SHAFT | - |
| 5 | 1 | 737791 | - | PULLEY 12.75" O.D. W/ 3/8" LAGGING | - |
| 6 | 1 | 501938 | - | KEY 1/2" X 1/2" X 5" | - |
| 7 | 2 | 676889 | 83C0317 | SHAFT FELT SEAL | - |
| 8 | 2 | 098280 | - | BEARING FG4 2.00" B | - |
| 9 | 1 | C199482 | - | GEARMOTOR 1.50 HP 56 RPM - 460V/3PH/60Hz | - |
| 10 | 1 | 503703 | - | KEY 5/16" X 5/16" X 4" | - |
| 11 | 2 | 087480 | - | 3/4"-10 X 9.50" HEX HD TAKE-UP BOLT | - |
| 12 | 2 | 500108 | - | 3/4" FLAT WASHER | - |
| 13 | 2 | 500064 | - | 3/4"-10 HEX NUT | - |
| 14 | 8 | 500106 | - | 1/2" FLAT WASHER | - |
| 15 | 16 | 500116 | - | 1/2" LOCK WASHER | - |
| 16 | 16 | 500062 | - | 1/2"-13 HEX NUT | - |
| 17 | 1 | 503152 | - | 7/16"-14 X 3.50" HEX HD CAP SCR. | - |
| 18 | 2 | 500105 | - | 7/16" FLAT WASHER | - |
| 19 | 2 | 501554 | - | 7/16"-14 HEX JAM NUT | - |
| 20 | 8 | 500768 | - | 3/8"-16 X 1.25 HEX HD CAP SCR. | - |
| 21 | 8 | 500104 | - | 3/8" FLAT WASHER | - |
| 22 | 8 | 500115 | - | 3/8" LOCK WASHER | - |
| 23 | 8 | 500060 | - | 3/8"-16 HEX NUT | - |



PN C256057

WHEELABRATOR

| | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------|----|------------------------------|-----------------|----------------------|-------|
| A 13 APR 2011 PART NUMBER CORRECTED J.P. | | 8" X 24" HEAD SECTION ASSEMBLY | | DATE 24 MAR 2011 | DRAWN PAPPJ | COPY OF A1-97350 | |
| REV | DATE | DESCRIPTION | BY | GROUP 09 | SCALE 1 1/2"=1' | DRAWING NO A1-110998 | REV A |
| THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT | | | | MODEL TAM - 84 TABLE MACHINE | | WEIGHT - | |
| | | | | 460V/3PH/60HZ | | | |

| | A | B | C | D | E | F | | |
|---|---------------------------------|------------------------|------------------|----------------------|------------------|-------------------------|------------------------------------|------------------|
| | ELEVATOR BELT ASSEMBLY PART NO. | ELEVATOR BELT PART NO. | "A" BELT LENGTH | ELEVATOR HEIGHT REF. | NUMBER OF SPACES | QTY. OF BUCKETS ITEM #3 | QTY. OF HARDWARE ITEMS #4, #5 & #6 | ASS'Y WEIGHT LBS |
| 1 | 745597 | 745598 | 288.00" (24'-0") | 12'-0" | 54 | 55 | 110 | 457 |
| | 745599 | 745600 | 300.00" (25'-0") | 12'-6" | 56 | 57 | 114 | 474 |
| | 745601 | 745602 | 312.00" (26'-0") | 13'-0" | 59 | 60 | 120 | 496 |
| | 745603 | 745604 | 324.00" (27'-0") | 13'-6" | 61 | 62 | 124 | 513 |
| | 745605 | 745606 | 336.00" (28'-0") | 14'-0" | 64 | 65 | 130 | 535 |
| | 745607 | 745608 | 348.00" (29'-0") | 14'-6" | 66 | 67 | 134 | 553 |
| | 745609 | 745610 | 360.00" (30'-0") | 15'-0" | 68 | 69 | 138 | 571 |
| | 745611 | 745612 | 372.00" (31'-0") | 15'-6" | 71 | 72 | 144 | 592 |
| | 745613 | 745614 | 384.00" (32'-0") | 16'-0" | 73 | 74 | 148 | 609 |
| | 745615 | 745616 | 396.00" (33'-0") | 16'-6" | 76 | 77 | 154 | 631 |
| 2 | 745617 | 745618 | 408.00" (34'-0") | 17'-0" | 78 | 79 | 158 | 648 |
| | 745619 | 745620 | 420.00" (35'-0") | 17'-6" | 80 | 81 | 162 | 666 |
| | 745621 | 745622 | 432.00" (36'-0") | 18'-0" | 83 | 84 | 168 | 686 |
| | 745623 | 745624 | 444.00" (37'-0") | 18'-6" | 85 | 86 | 172 | 705 |
| | 745625 | 745626 | 456.00" (38'-0") | 19'-0" | 88 | 89 | 178 | 725 |
| | 745627 | 745628 | 468.00" (39'-0") | 19'-6" | 90 | 91 | 182 | 744 |
| | 745629 | 745630 | 480.00" (40'-0") | 20'-0" | 92 | 93 | 186 | 761 |
| | 745631 | 745632 | 492.00" (41'-0") | 20'-6" | 95 | 96 | 192 | 783 |
| | 745633 | 745634 | 504.00" (42'-0") | 21'-0" | 97 | 98 | 196 | 800 |
| | 745635 | 745636 | 516.00" (43'-0") | 21'-6" | 100 | 101 | 202 | 822 |
| | 745637 | 745638 | 528.00" (44'-0") | 22'-0" | 102 | 103 | 206 | 839 |
| 3 | 745639 | 745640 | 540.00" (45'-0") | 22'-6" | 104 | 105 | 210 | 858 |
| | 745641 | 745642 | 552.00" (46'-0") | 23'-0" | 107 | 108 | 216 | 878 |
| | 745643 | 745644 | 564.00" (47'-0") | 23'-6" | 109 | 110 | 220 | 897 |
| | 745645 | 745646 | 576.00" (48'-0") | 24'-0" | 112 | 113 | 226 | 917 |
| | 745647 | 745648 | 588.00" (49'-0") | 24'-6" | 114 | 115 | 230 | 936 |
| | 745649 | 745650 | 600.00" (50'-0") | 25'-0" | 116 | 117 | 234 | 953 |
| | 745651 | 745652 | 612.00" (51'-0") | 25'-6" | 119 | 120 | 240 | 975 |
| | 745653 | 745654 | 624.00" (52'-0") | 26'-0" | 121 | 122 | 244 | 992 |
| | 745655 | 745656 | 636.00" (53'-0") | 26'-6" | 124 | 125 | 250 | 1013 |
| | 745657 | 745658 | 648.00" (54'-0") | 27'-0" | 126 | 127 | 254 | 1031 |
| | 745659 | 745660 | 660.00" (55'-0") | 27'-6" | 128 | 129 | 258 | 1050 |
| 4 | 745661 | 745662 | 672.00" (56'-0") | 28'-0" | 131 | 132 | 264 | 1070 |
| | 745663 | 745664 | 684.00" (57'-0") | 28'-6" | 133 | 134 | 268 | 1087 |
| | 745665 | 745666 | 696.00" (58'-0") | 29'-0" | 136 | 137 | 274 | 1109 |
| | 745667 | 745668 | 708.00" (59'-0") | 29'-6" | 138 | 139 | 278 | 1126 |
| | 745669 | 745670 | 720.00" (60'-0") | 30'-0" | 140 | 141 | 282 | 1145 |
| | | | 732.00" (61'-0") | 30'-6" | 143 | 144 | 288 | . |

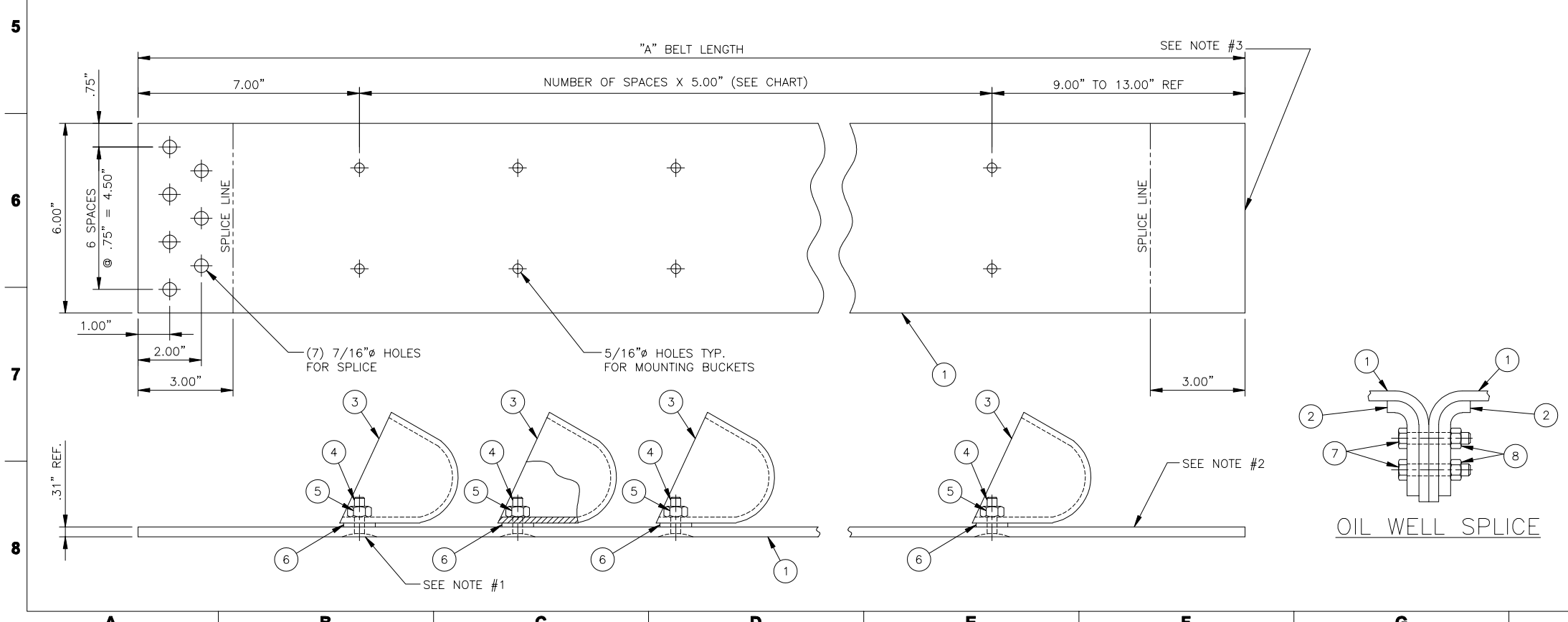
BELT MATERIAL: 254883

6" WIDE BELT
 2 PLY 220 BLACK 1/8" X 1/16"
 THICKNESS: 5/16"
 COVERS: 1/8" X 1/16"
 CARCASS: SYNTHETIC
 WORKING TENSION PER INCH WIDTH: 220 LBS.
 APPROX. WEIGHT LBS. PER INCH WIDTH: .166 LBS.
 TEMPERATURE RANGE: -25°/225°F
 COMPOUND: SBR
 APPLICATION: THESE BELTS ARE COMPOUNDED TO PROVIDE EXCELLENT ABRASION RESISTANCE AND FLEX LIFE. HIGH-STRENGTH SYNTHETIC FABRICS PROVIDE MINIMUM STRETCH, FULL RESISTANCE TO MILDEW AND ROT, GOOD FASTENER HOLDING ABILITY, GOOD IMPACT RESISTANCE, AND HIGH ADHESION BETWEEN THE PLYS. BEST VALUE FOR MINING, SAND AND GRAVEL, ROCK, LUMBER, GENERAL INDUSTRIAL, AND PACKAGE HANDLING APPLICATIONS WITH MEDIUM TENSION REQUIREMENTS.

- NOTES**
- TIGHTEN ALL ELEVATOR BOLTS UNTIL HEAD IS RECESSED INTO BELT APPROXIMATELY .03".
 - ASSEMBLE BUCKETS ON SIDE OF BELT WITH THINNEST RUBBER COVERING.
 - CUT BELT EXCESS AT FINAL ASSEMBLY AND PUNCH HOLES REQUIRED FOR SPLICE END.
 - ELEVATOR BUCKET QUANTITY (ITEM #3) = NUMBER OF SPACES + 1
 - ELEVATOR BOLT QUANTITY (ITEM #4) = NUMBER OF BUCKETS X 2
 - HEX NUT QUANTITY (ITEM #5) = NUMBER OF BUCKETS X 2
 - FLAT WASHER QUANTITY (ITEM #6) = NUMBER OF BUCKETS X 2
 - ELEVATOR BELT LENGTH FORMULA (SIMPLIFIED):
 BELT LENGTH = 2 X ELEVATOR HEIGHT

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|---------|------------------------------------------|------|
| 1 | 1 | LISTED | 06D0703 | ELEVATOR BELT 6.00" WIDE | *.99 |
| 2 | 2 | 737974 | 04B0315 | ELEVATOR BELT SPLICE BAR | 3 |
| 3 | * | 016849 | 06B0221 | ELEVATOR BUCKET AA 5.00" X 3.50" X 3.75" | *2.8 |
| 4 | * | 106510 | | 5/16-18 X 1.25" FLAT HEAD ELEVATOR BOLT | - |
| 5 | * | 500059 | | 5/16-18 HEX NUT GR5 STL | - |
| 6 | * | 017402 | | 3/8" LEATHER FLAT WASHER | - |
| 7 | 7 | 500200 | | 3/8-16 X 2.00" HEX HEAD CAP SCREW GR5 | 1 |
| 8 | 7 | 500081 | | 3/8-16 FLE LOC HEX NUT | 1 |

* SEE NOTES 4 THRU 7 FOR QTY OF ITEMS 3 THRU 6.



NOTE:
 SEE DRAWING NO. 06D0714 FOR HI-TEMPERATURE 8" X 24" ELEVATOR BELT ASSEMBLIES W/OIL WELL SPLICE.

| REV | DATE | DESCRIPTION | BY |
|-----|----------|-------------------------------------------|-----|
| C | 04/12/11 | CHANGED ALL QUANTITY OF ITEMS 3, 4, 5 & 6 | MJL |
| | | CHANGE NO. OF SPACES & UPDATED BELT SPECS | |
| B | 04/10/10 | REV ALL "A" LENGTHS (SHIFTED UP 1 ROW) | GWS |
| | | UPDATE BORDER, REV BELT LENGTH NOTE | |
| A | 4/15/08 | ADDED HOLE SPACING DIMS | KRH |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.08
 3 PL DEC ±.005

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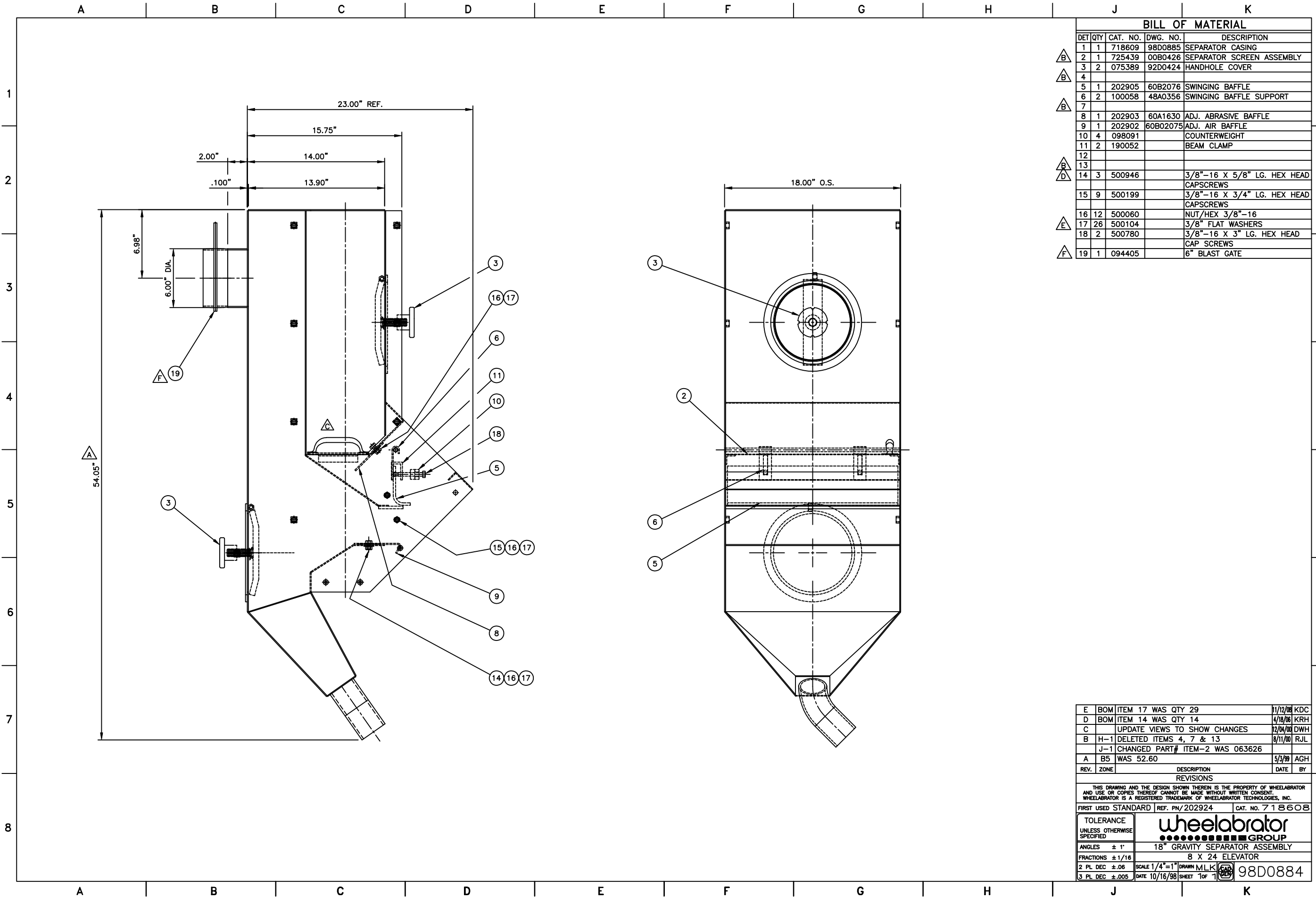
wheelabrator GROUP

ELEVATOR BELT ASSEMBLY, 8" X 24"
 AMBIENT TEMPERATURE W/OIL SPLICE
 STANDARD ELEVATORS

PROJECT STANDARD
 COPY OF 04D0800
 PNC SEE CHART

GROUP 09 WEIGHT: SEE CHART CREATED BY KDC SHEET 1 OF 1 SIZE D
 SCALE: 6"-1 DATE: 09/01/2008

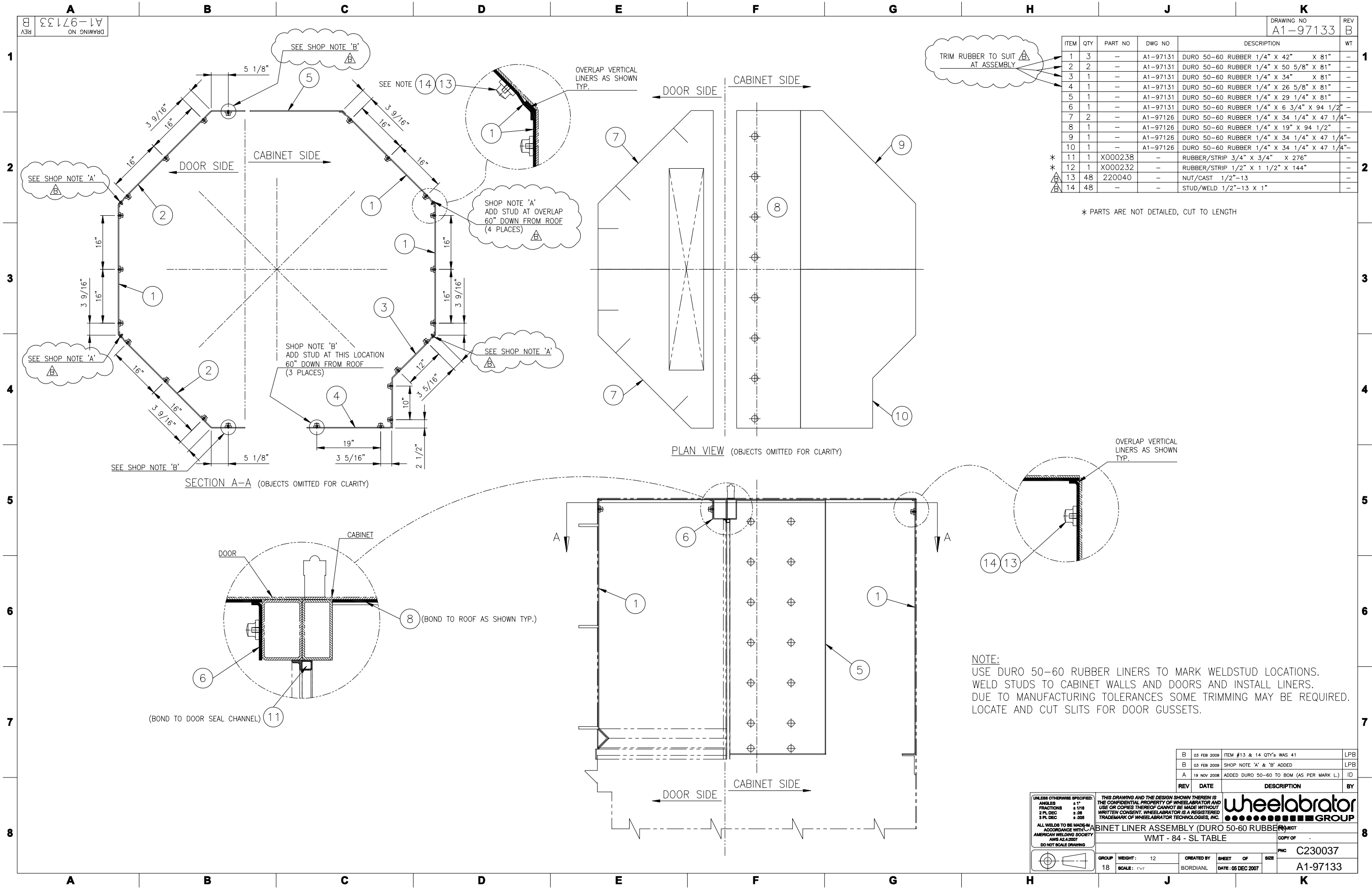
06D0703



| BILL OF MATERIAL | | | | |
|------------------|-----|----------|----------|---------------------------------------|
| DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| 1 | 1 | 718609 | 98D0885 | SEPARATOR CASING |
| 2 | 1 | 725439 | 00B0426 | SEPARATOR SCREEN ASSEMBLY |
| 3 | 2 | 075389 | 92D0424 | HANDHOLE COVER |
| 4 | | | | |
| 5 | 1 | 202905 | 60B2076 | SWINGING BAFFLE |
| 6 | 2 | 100058 | 48A0356 | SWINGING BAFFLE SUPPORT |
| 7 | | | | |
| 8 | 1 | 202903 | 60A1630 | ADJ. ABRASIVE BAFFLE |
| 9 | 1 | 202902 | 60B02075 | ADJ. AIR BAFFLE |
| 10 | 4 | 098091 | | COUNTERWEIGHT |
| 11 | 2 | 190052 | | BEAM CLAMP |
| 12 | | | | |
| 13 | | | | |
| 14 | 3 | 500946 | | 3/8"-16 X 5/8" LG. HEX HEAD CAPSCREWS |
| 15 | 9 | 500199 | | 3/8"-16 X 3/4" LG. HEX HEAD CAPSCREWS |
| 16 | 12 | 500060 | | NUT/HEX 3/8"-16 |
| 17 | 26 | 500104 | | 3/8" FLAT WASHERS |
| 18 | 2 | 500780 | | 3/8"-16 X 3" LG. HEX HEAD CAP SCREWS |
| 19 | 1 | 094405 | | 6" BLAST GATE |

| REV. | ZONE | DESCRIPTION | DATE | BY |
|------|------|---------------------------------|----------|-----|
| E | BOM | ITEM 17 WAS QTY 29 | 11/12/08 | KDC |
| D | BOM | ITEM 14 WAS QTY 14 | 4/18/08 | KRH |
| C | | UPDATE VIEWS TO SHOW CHANGES | 12/04/00 | DWH |
| B | H-1 | DELETED ITEMS 4, 7 & 13 | 8/11/00 | RJL |
| | J-1 | CHANGED PART# ITEM-2 WAS 063626 | | |
| A | B5 | WAS 52.60 | 5/5/99 | AGH |

| REVISIONS | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
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| FIRST USED STANDARD | REF. PN/202924 CAT. NO. 718608 |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | 18" GRAVITY SEPARATOR ASSEMBLY |
| ANGLES ± 1° | 8 X 24 ELEVATOR |
| FRACTIONS ± 1/16 | SCALE 1/4"=1" DRAWN M.L.K. |
| 2 PL DEC ± .06 | DATE 10/16/98 SHEET 1 of 1 |
| 3 PL DEC ± .005 | 98D0884 |



REV B
DRAWING NO A1-97133

DRAWING NO A1-97133
REV B

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|--------------------------------------------|----|
| 1 | 3 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 42" X 81" | - |
| 2 | 2 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 50 5/8" X 81" | - |
| 3 | 1 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 34" X 81" | - |
| 4 | 1 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 26 5/8" X 81" | - |
| 5 | 1 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 29 1/4" X 81" | - |
| 6 | 1 | - | A1-97131 | DURO 50-60 RUBBER 1/4" X 6 3/4" X 94 1/2" | - |
| 7 | 2 | - | A1-97126 | DURO 50-60 RUBBER 1/4" X 34 1/4" X 47 1/4" | - |
| 8 | 1 | - | A1-97126 | DURO 50-60 RUBBER 1/4" X 19" X 94 1/2" | - |
| 9 | 1 | - | A1-97126 | DURO 50-60 RUBBER 1/4" X 34 1/4" X 47 1/4" | - |
| 10 | 1 | - | A1-97126 | DURO 50-60 RUBBER 1/4" X 34 1/4" X 47 1/4" | - |
| * 11 | 1 | X000238 | - | RUBBER/STRIP 3/4" X 3/4" X 276" | - |
| * 12 | 1 | X000232 | - | RUBBER/STRIP 1/2" X 1 1/2" X 144" | - |
| * 13 | 48 | 220040 | - | NUT/CAST 1/2"-13 | - |
| * 14 | 48 | - | - | STUD/WELD 1/2"-13 X 1" | - |

* PARTS ARE NOT DETAILED, CUT TO LENGTH

NOTE:
USE DURO 50-60 RUBBER LINERS TO MARK WELDSTUD LOCATIONS. WELD STUDS TO CABINET WALLS AND DOORS AND INSTALL LINERS. DUE TO MANUFACTURING TOLERANCES SOME TRIMMING MAY BE REQUIRED. LOCATE AND CUT SLITS FOR DOOR GUSSETS.

| REV | DATE | DESCRIPTION | BY |
|-----|-------------|-----------------------------------------|-----|
| B | 03 FEB 2009 | ITEM #13 & 14 QTY'S WAS 41 | LPB |
| B | 03 FEB 2009 | SHOP NOTE 'A' & 'B' ADDED | LPB |
| A | 19 NOV 2008 | ADDED DURO 50-60 TO BOM (AS PER MARK L) | ID |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.08
 3 PL DEC ±.005

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 AMERICAN WELDING SOCIETY
 DO NOT SCALE DRAWING

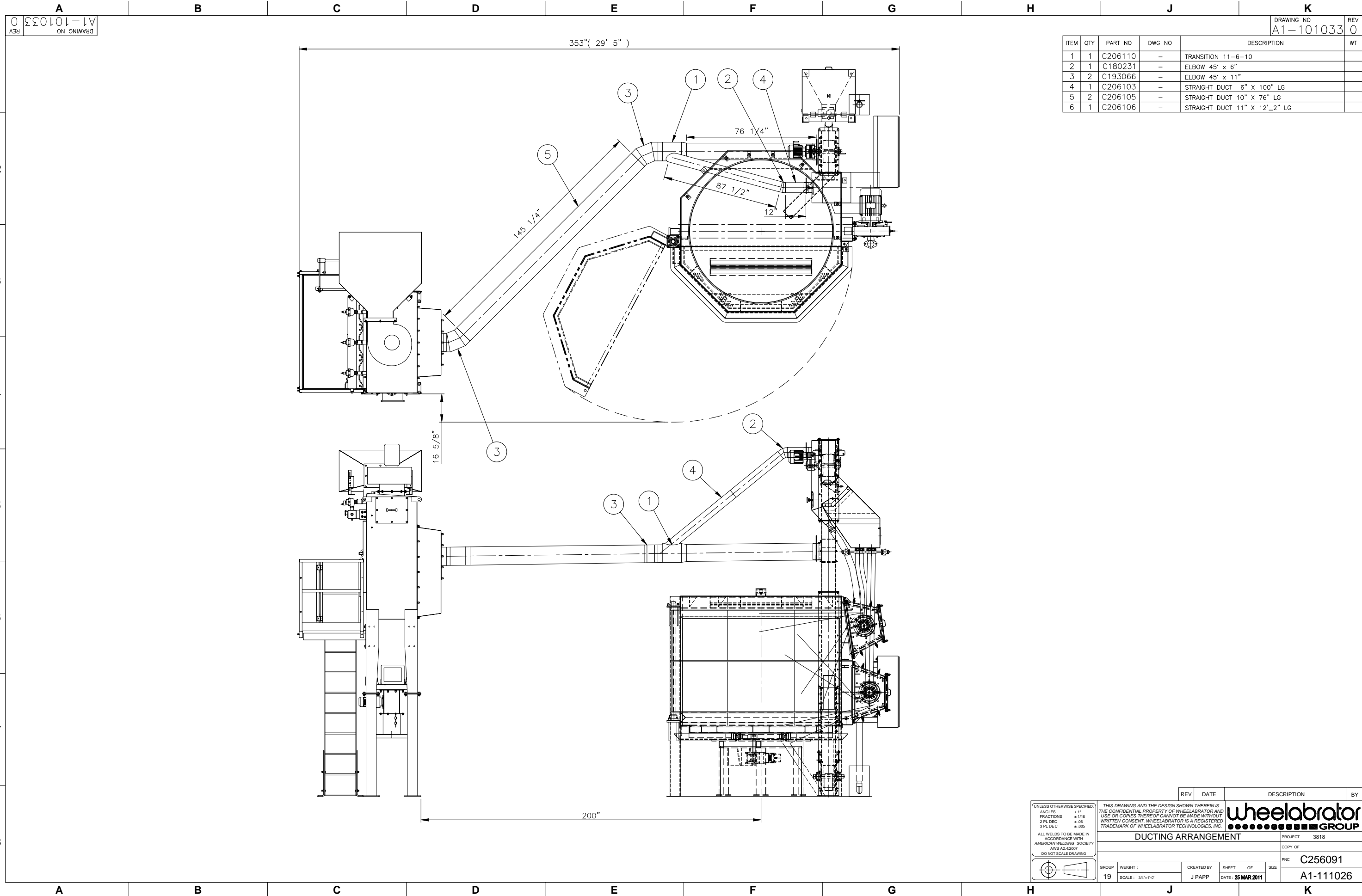
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GROUP

CABINET LINER ASSEMBLY (DURO 50-60 RUBBER)
 WMT - 84 - SL TABLE

GROUP 18 WEIGHT: 12 SCALE: 1"=1'
 CREATED BY BORDIANL SHEET OF DATE: 05 DEC 2007

PHC C230037
 COPY OF A1-97133



REV 0
DRAWING NO
A1-101033

DRAWING NO
A1-101033
REV
0

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|--------|-------------------------------|----|
| 1 | 1 | C206110 | - | TRANSITION 11-6-10 | |
| 2 | 1 | C180231 | - | ELBOW 45° x 6" | |
| 3 | 2 | C193066 | - | ELBOW 45° x 11" | |
| 4 | 1 | C206103 | - | STRAIGHT DUCT 6" X 100" LG | |
| 5 | 2 | C206105 | - | STRAIGHT DUCT 10" X 76" LG | |
| 6 | 1 | C206106 | - | STRAIGHT DUCT 11" X 12'-2" LG | |

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ± 1°
 FRACTIONS ± 1/16"
 2 PL DEC ± .01
 3 PL DEC ± .005

ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A2.4:2007
 DO NOT SCALE DRAWING

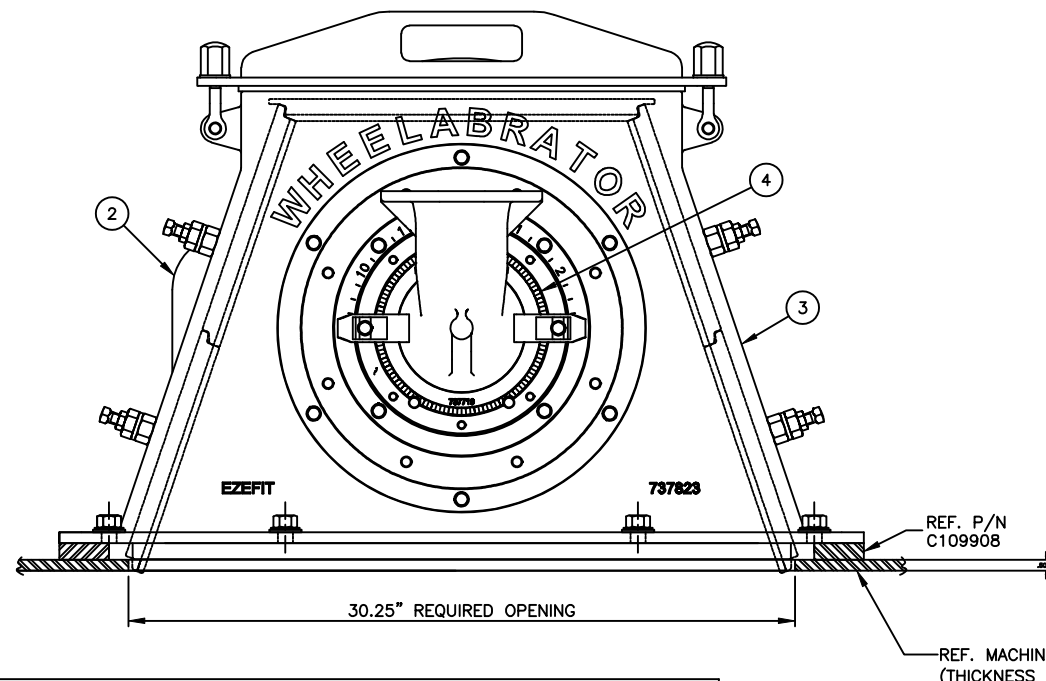
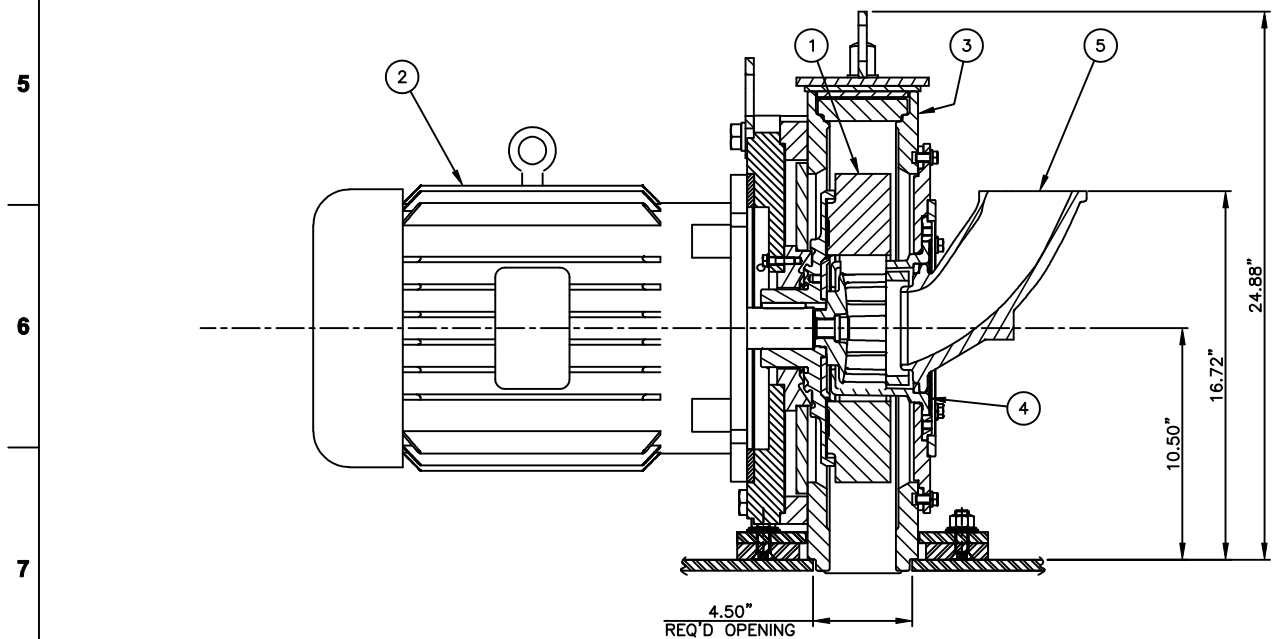
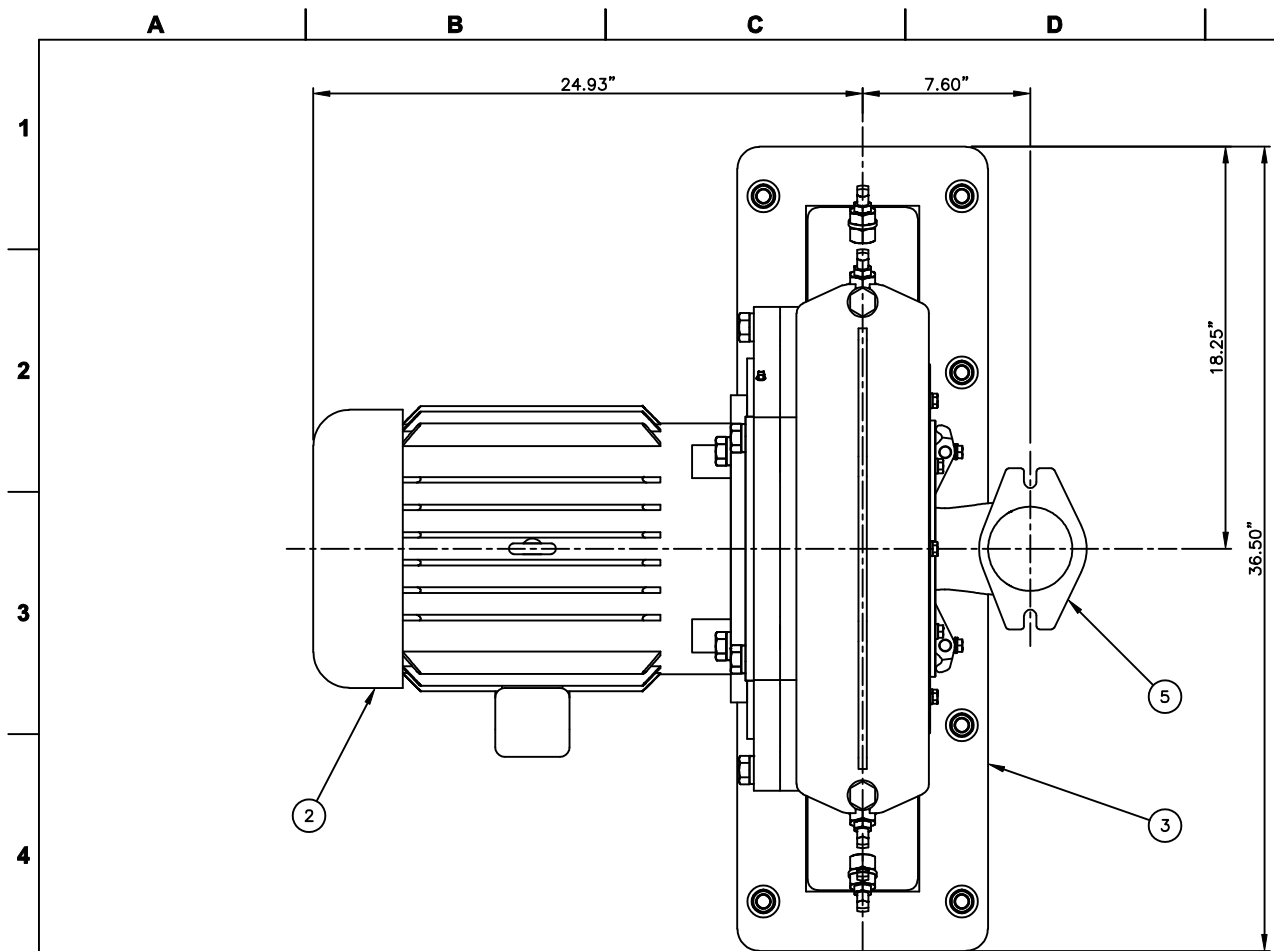
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GROUP

DUCTING ARRANGEMENT

PROJECT 3818
 COPY OF
 PNC C256091

| | | | | |
|----------|--------------------------|-------------------|----------------------------|----------------|
| GROUP 19 | WEIGHT SCALE: 3/4"=1'-0" | CREATED BY J PAPP | SHEET OF DATE: 25 MAR 2011 | SIZE A1-111026 |
|----------|--------------------------|-------------------|----------------------------|----------------|



| WHEEL UNIT SELECTION CHART | | | | |
|----------------------------|---------|----------|----------|-----------------------------------|
| ASSY. CAT. NO. | DET QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| C256028 | 1-3 | SEE | BOM | 30° STD WHEEL COMPONENTS |
| | 4 | 737717 | 04D0735 | CTRL CAGE 30° - TARGET LOCK 25EZ |
| | 5 | 498357 | 85D0072 | FEED SPOUT-LL (STRAIGHT) |
| C256029 | 1-3 | SEE | BOM | 49° STD WHEEL COMPONENTS |
| | 4 | 737718 | 04D0735 | CTRL CAGE 49° - TARGET LOCK 25EZ |
| | 5 | 498357 | 85D0072 | FEED SPOUT-LL (STRAIGHT) |
| C256030 | 1-3 | SEE | BOM | 70° STD WHEEL COMPONENTS |
| | 4 | 737719 | 04D0735 | CTRL CAGE 70° - TARGET LOCK 25EZ |
| | 5 | 498357 | 85D0072 | FEED SPOUT-LL (STRAIGHT) |
| C256031 | 1-3 | SEE | BOM | 100° STD WHEEL COMPONENTS |
| | 4 | 737720 | 04D0735 | CTRL CAGE 100° - TARGET LOCK 25EZ |
| | 5 | 498357 | 85D0072 | FEED SPOUT-LL (STRAIGHT) |
| C256032 | 1-3 | SEE | BOM | 30° STD WHEEL COMPONENTS |
| | 4 | 737717 | 04D0735 | CTRL CAGE 30° - TARGET LOCK 25EZ |
| | 5 | 471181 | 79D0632 | FEED SPOUT/TARGET LOCK |
| C256033 | 1-3 | SEE | BOM | 49° STD WHEEL COMPONENTS |
| | 4 | 737718 | 04D0735 | CTRL CAGE 49° - TARGET LOCK 25EZ |
| | 5 | 471181 | 79D0632 | FEED SPOUT/TARGET LOCK |
| C256034 | 1-3 | SEE | BOM | 70° STD WHEEL COMPONENTS |
| | 4 | 737719 | 04D0735 | CTRL CAGE 70° - TARGET LOCK 25EZ |
| | 5 | 471181 | 79D0632 | FEED SPOUT/TARGET LOCK |
| C256035 | 1-3 | SEE | BOM | 100° STD WHEEL COMPONENTS |
| | 4 | 737720 | 04D0735 | CTRL CAGE 100° - TARGET LOCK 25EZ |
| | 5 | 471181 | 79D0632 | FEED SPOUT/TARGET LOCK |

NOTE: USE 25EZ WHEEL PULLER (04D0934) P/N 737782 TO REMOVE BARE WHEEL ASSEMBLY FROM MOTOR SHAFT

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|---------|---------------------------------------|----|
| 1 | 1 | 740248 | 05D0132 | 25EZ140 7.5-30HP 8 BLADE INTERNALS | |
| 2 | 1 | 737578 | 04D0686 | 15HP 3600RPM 460/60/3 F1 BALDOR MOTOR | |
| 3 | 1 | 742122 | 05D0124 | 25EZ155/175 7.5-30HP HOUSING ASSEMBLY | |

| RECOMMENDED SPARE PARTS | | | | |
|-------------------------|----------|----------|-----------------------------------------|--|
| QTY | CAT. NO. | DWG. NO. | DESCRIPTION | |
| 1 | 738872 | 04D0962 | BARE WHL ASSY 25EZ 8 BL 10/30 HP 1.88 D | |
| 1 | 731156 | 02B0220 | CENTERING PLATE | |
| 3 | 737648 | 04D0699 | IMPELLER/ 8 BL / 25 EZ WHL | |
| 1 | SEE | CHART | FEED SPOUT - LL | |
| 4 | 737824 | 04D0695 | END LINER/25EZ/15.50"-17.50" | |
| 1 | 737825 | 04D0696 | TOP LINER/25EZ 15.50"-17.50" | |
| 8 | C113315 | A2-19119 | 25EZ140 EZEFIT BLADE SET | |
| 2 | 737703 | | CLAMP/STEEL FEED SPOUT | |
| 3 | SEE | CHART | CONTROL CAGE - XR | |
| 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4"-10 X 2.44" | |
| 1 | 683487 | - | WASHER/HI-COLLAR 13/16" | |
| 1 | 736807 | 04B0187 | UHMW FEED SPOUT SEAL | |

WHEELABRATOR WHEEL TUNE-UP KITS 25EZ140 (8) BLADES

| B/M 739534 30° WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING: | | | | B/M 739535 49° WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING: | | | | B/M 739536 70° WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING: | | | | B/M739537 100° WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING: | | | |
|---------------------------------------------------------------|----------|----------|------------------------------------|---------------------------------------------------------------|----------|----------|------------------------------------|---------------------------------------------------------------|----------|----------|------------------------------------|---------------------------------------------------------------|----------|----------|------------------------------------|
| QTY | CAT. NO. | DWG. NO. | DESCRIPTION | QTY | CAT. NO. | DWG. NO. | DESCRIPTION | QTY | CAT. NO. | DWG. NO. | DESCRIPTION | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| 1 | C113315 | A2-19119 | 25EZ140 EZEFIT BLADE SET (8) | 1 | C113315 | A2-19119 | 25EZ140 EZEFIT BLADE SET (8) | 1 | C113315 | A2-19119 | 25EZ140 EZEFIT BLADE SET (8) | 1 | C113315 | A2-19119 | 25EZ140 EZEFIT BLADE SET (8) |
| 1 | 737717 | 04D0735 | CTL CAGE 30°-TARG LOCK 25EZ | 1 | 737718 | 04D0735 | CTL CAGE 49°-TARG LOCK 25EZ | 1 | 737719 | 04D0735 | CTL CAGE 70°-TARG LOCK 25EZ | 1 | 737720 | 04D0735 | CTL CAGE 100°-TARG LOCK 25EZ |
| 1 | 737648 | 04D0699 | IMPELLER/8 BLADE/25EZ WHL | 1 | 737648 | 04D0699 | IMPELLER/8 BLADE/25EZ WHL | 1 | 737648 | 04D0699 | IMPELLER/8 BLADE/25EZ WHL | 1 | 737648 | 04D0699 | IMPELLER/8 BLADE/25EZ WHL |
| 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4"-10 X 2.44" | 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4"-10 X 2.44" | 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4"-10 X 2.44" | 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4"-10 X 2.44" |
| 1 | 683487 | - | WASHER/HI-COLLAR 13/16" | 1 | 683487 | - | WASHER/HI-COLLAR 13/16" | 1 | 683487 | - | WASHER/HI-COLLAR 13/16" | 1 | 683487 | - | WASHER/HI-COLLAR 13/16" |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.005
 3 PL DEC ±.008

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wheelabrator
 GROUP

25EZ140 8 BLADE W/25EZ175 HSG
 15HP 3600RPM F1 BALDOR MOTOR
 CAST MANG HOUSING, STD LINERS

PROJECT COPY OF 06D1043
 PNC LISTED

GROUP WEIGHT: 20
 SCALE: 3/4"=1"
 CREATED BY HACKAK
 SHEET 1 OF 1
 DATE: 24 MAR 2011
 SIZE
 A1-110990

BILL OF MATERIAL

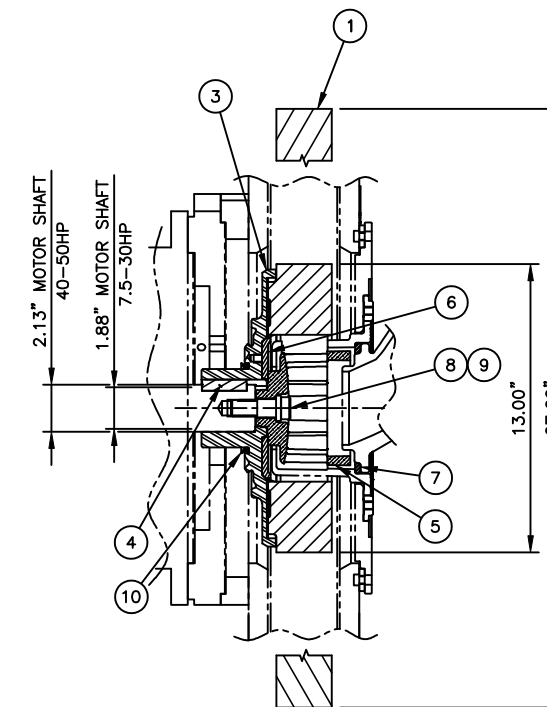
| DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
|------|-----|----------|----------|-----------------------------------|
| 1 | 1 | SEE | CHART | BLADE SET 8-PIECE |
| 2 | - | - | - | |
| 3 | 1 | SEE | CHART | WHEEL/25EZ 8-BLADE |
| * 4 | 1 | SEE | CHART | KEY |
| 5 | 1 | 737648 | 04D0699 | IMPELLER/25EZ 8-BLADE |
| 6 | 1 | 731156 | 02B0220 | CENTERING PLATE |
| 7 | 1 | 736807 | 04B0187 | SEAL/UHMW FEED SPOUT |
| 8 | 1 | 683487 | - | WASHER/HI-COLLAR 13/16" |
| 9 | 1 | 682988 | 91B0247 | IMPELLER CAP SCREW 3/4-10 X 2.25" |
| * 10 | 1 | 730988 | - | V-RING HUB SEAL - RUBBER |

* REF ITEM CALLED OUT ON BARE WHEEL ASSY

25EZ 7.5HP-30HP 8-BLADE

| WHEEL ASSY. | B.O.M | 1 | 1 | SEE | BELOW | BLADE SET |
|-------------|----------------|------|-----|----------|----------|-----------------------------|
| | | 2 | - | - | - | |
| | | 3 | 1 | 738872 | 04D0962 | WHEEL/25EZ 8-BLADE 7.5-30HP |
| | | 4 | 1 | 734311 | 03B0459 | KEY 1/2" X 1/2" X 2.00" |
| | | 5-10 | 1 | SEE | MAIN | BILL |
| | ASSY. CAT. NO. | DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| 25EZ130 | 740247 | 1 | 1 | C113314 | A2-19118 | BLADE SET 12.50" |
| 25EZ140 | 740248 | 1 | 1 | C113315 | A2-19119 | BLADE SET 13.50" |
| 25EZ155 | 740249 | 1 | 1 | C113316 | A2-19120 | BLADE SET 15.00" |
| 25EZ175 | 740250 | 1 | 1 | C113317 | A2-19121 | BLADE SET 17.00" |
| 25EZ200 | 740251 | 1 | 1 | C113319 | A2-19122 | BLADE SET 19.50" |
| 25EZ245 | 740252 | 1 | 1 | C113320 | A2-19123 | BLADE SET 24.00" |
| 25EZ270 | 740253 | 1 | 1 | C113321 | A2-19124 | BLADE SET 26.50" |

* THESE INTERNALS ARE CONFIGURED TO ALLOW THE USE OF THE 25EZ130-140 BLADES IN THE LARGER 25EZ HOUSINGS ONLY! (25EZ155-175 & 25EZ200-260) THEY CANNOT BE USED IN THE 25EZ130-140 HOUSING.



25EZ 40HP-50HP 8-BLADE

| WHEEL ASSY. | B.O.M | 1 | 1 | SEE | BELOW | BLADE SET |
|-------------|----------------|------|-----|----------|----------|----------------------------|
| | | 3 | 1 | 738873 | 04D0963 | WHEEL/25EZ 8-BLADE 40-50HP |
| | | 4 | 1 | 734311 | 03B0459 | KEY 1/2" X 1/2" X 2.00" |
| | | 5-10 | 1 | SEE | MAIN | BILL |
| | ASSY. CAT. NO. | DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| 25EZ130 | 740515 | 1 | 1 | C113314 | A2-19118 | BLADE SET 12.50" |
| 25EZ140 | 740516 | 1 | 1 | C113315 | A2-19119 | BLADE SET 13.50" |
| 25EZ155 | 740254 | 1 | 1 | C113316 | A2-19120 | BLADE SET 15.00" |
| 25EZ175 | 740255 | 1 | 1 | C113317 | A2-19121 | BLADE SET 17.00" |
| 25EZ200 | 740256 | 1 | 1 | C113319 | A2-19122 | BLADE SET 19.50" |
| 25EZ245 | 740257 | 1 | 1 | C113320 | A2-19123 | BLADE SET 24.00" |
| 25EZ270 | 740258 | 1 | 1 | C113321 | A2-19124 | BLADE SET 26.50" |

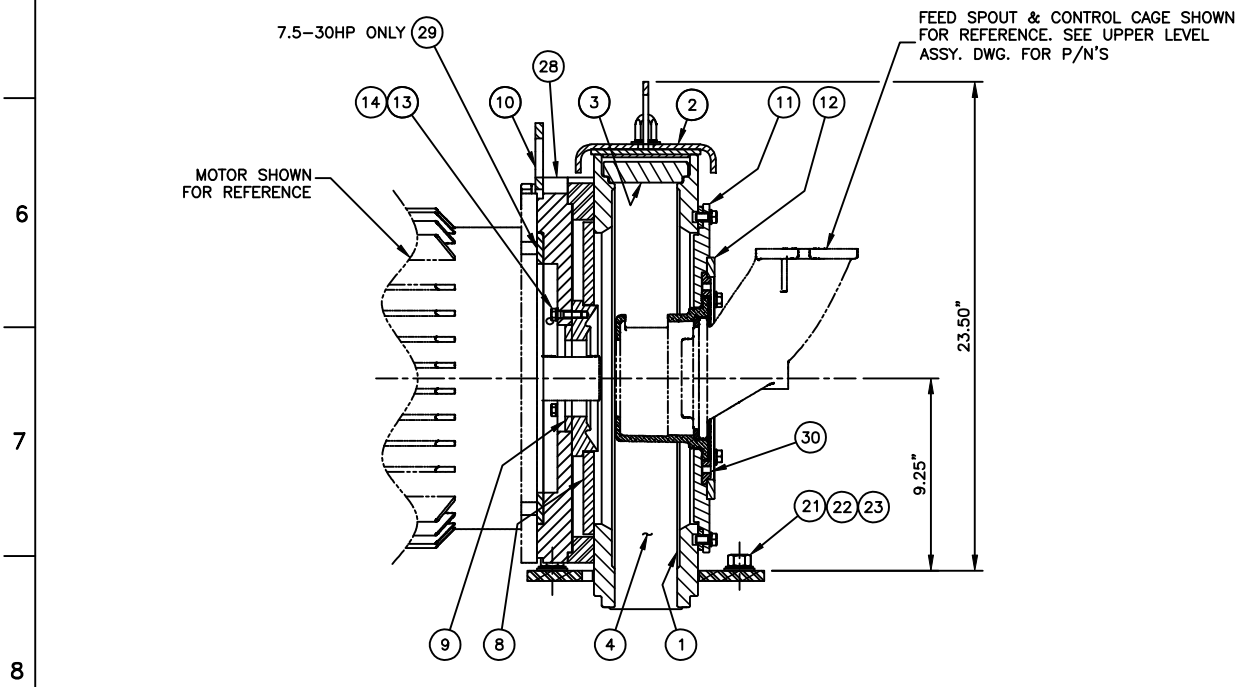
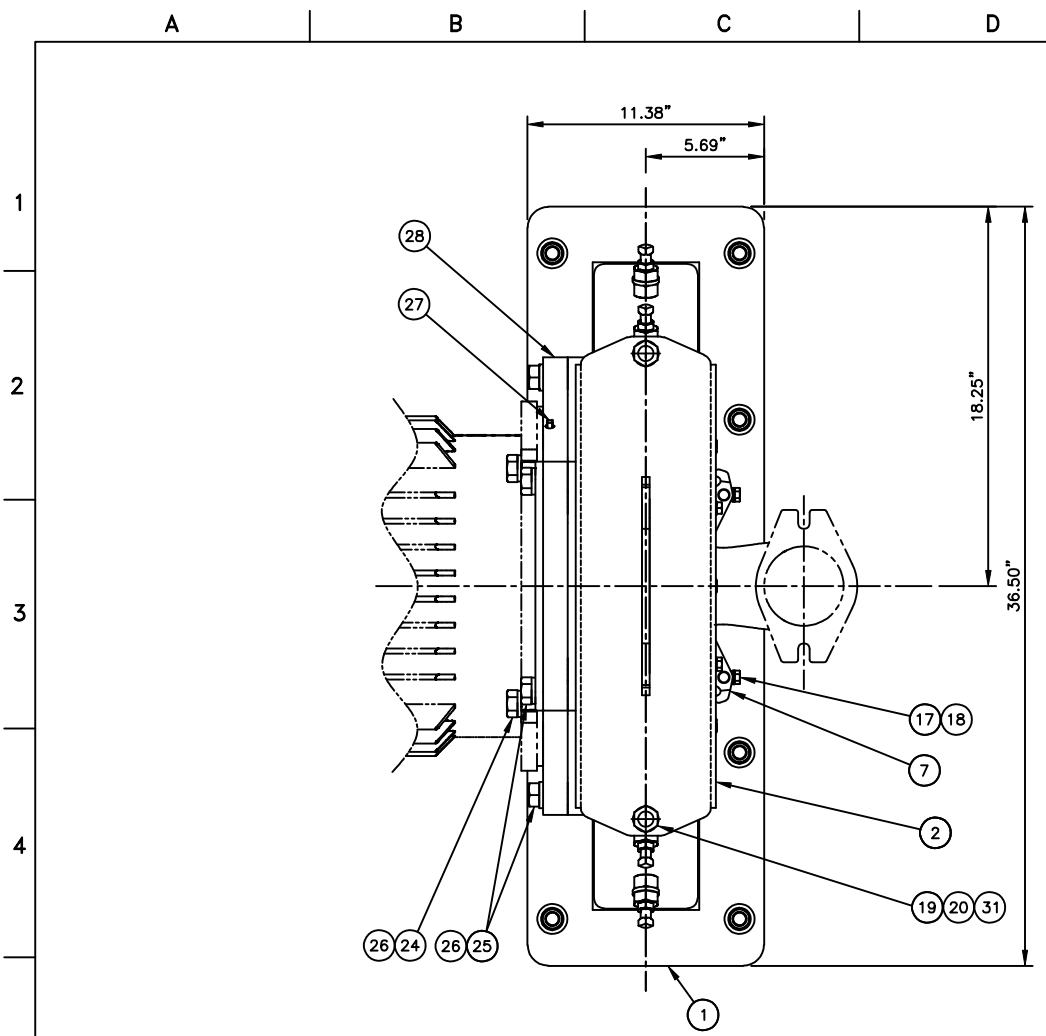
SEE NOTE *
SEE NOTE *

25EZ 60HP 8-BLADE

| WHEEL ASSY. | B.O.M | 1 | 1 | SEE | BELOW | BLADE SET |
|-------------|----------------|------|-----|----------|-----------|-------------------------|
| | | 3 | 1 | C247003 | A1-106378 | WHEEL/25EZ 8-BLADE 60HP |
| | | 4 | 1 | 737701 | 04B0284 | KEY 5/8" X 5/8" X 2.00" |
| | | 5-10 | 1 | SEE | MAIN | BILL |
| | ASSY. CAT. NO. | DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| 25EZ130 | - | 1 | 1 | C113314 | A2-19118 | BLADE SET 12.50" |
| 25EZ140 | - | 1 | 1 | C113315 | A2-19119 | BLADE SET 13.50" |
| 25EZ155 | - | 1 | 1 | C113316 | A2-19120 | BLADE SET 15.00" |
| 25EZ175 | - | 1 | 1 | C113317 | A2-19121 | BLADE SET 17.00" |
| 25EZ200 | - | 1 | 1 | C113319 | A2-19122 | BLADE SET 19.50" |
| 25EZ245 | - | 1 | 1 | C113320 | A2-19123 | BLADE SET 24.00" |
| 25EZ270 | C247004 | 1 | 1 | C113321 | A2-19124 | BLADE SET 26.50" |

| REV. | ZONE | DESCRIPTION | DATE | BY |
|------|------|-----------------------------------------|----------|-----|
| B | | BILL REMOVED ITEM 2 (MOTOR MOUNT ADPT.) | 08/19/08 | PDH |
| | | AND MOVED TO HOUSING ASSEMBLY | | |
| | | REMOVED ASSY P/N'S 740513 & 740514 | | |
| A | | MOVED ITEMS FROM HOUSING ASSY. | 03/11/08 | PDH |
| | | RESTRUCTURED BILL TO ACCOMMODATE | | |
| | | MOVED 12 BLADE ASSY'S TO 05D0212 | | |

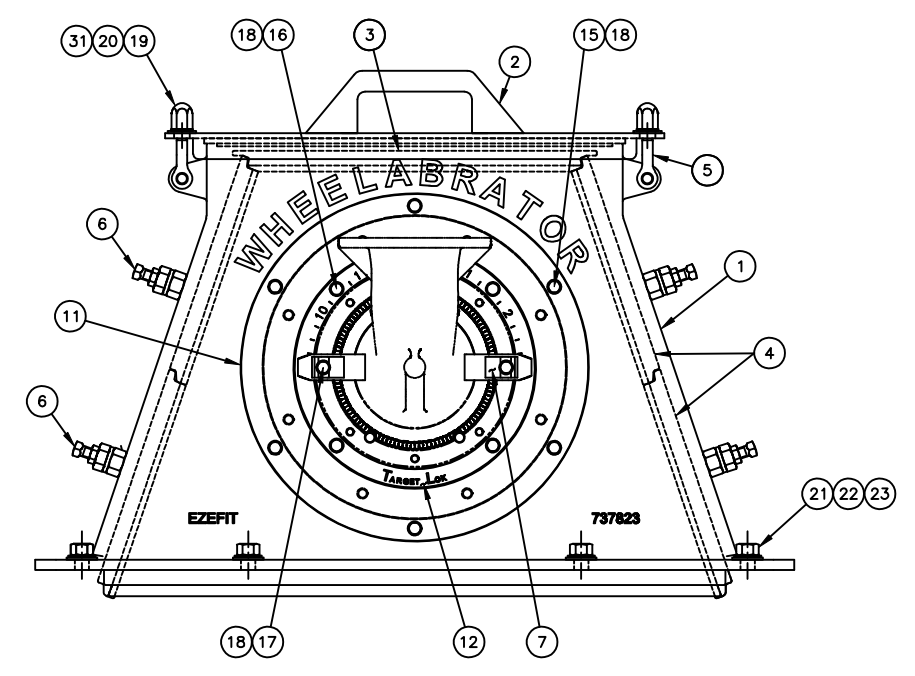
| REVISIONS | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|-----------------|
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| FIRST USED | PDO103 | REF. PN/740226 | CAT. NO. LISTED |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | WHEELABRATOR | | |
| ANGLES ± 1° | INTERNALS/25EZ 8-BLADE | | |
| FRACTIONS ± 1/16 | EZEFIT WHEEL | | |
| 2 PL DEC ±.06 | SCALE 1/4" = 1" | DRAWN PDH | CAB |
| 3 PL DEC ±.005 | DATE 02/17/2005 | SHEET 01 of 01 | 05D0132 |



| H.P. | ASSY. CAT. NO. | DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
|--------|----------------|-----|-----|----------|----------|--------------------------------|
| 40-75 | 740358 | 24 | 4 | 500268 | - | SCR/CAPHEX 3/4"-10 X 1.75" |
| | | 29 | - | - | - | - |
| 7.5-30 | 742122 | 24 | 4 | 500269 | - | SCR/CAPHEX 3/4"-10 X 2.00" |
| | | 29 | 1 | 740522 | 05B0198 | REDUCER/40-75HP DOWN TO 7.5-30 |

- NOTE: 1. FOR MOTOR SELECTION AND DIMENSIONS SEE DRAWING 04D0686.
 2. TO SELECT BARE WHEEL, BLADES, & IMPELLER SEE DRAWING 05D0132.
 3. TUNE-UP KIT SELECTION SEE DRAWING 05D0139.
 4. USE 25EZ WHEEL PULLER P/N 737782 (04D0934) TO REMOVE BARE WHEEL ASSEMBLY FROM MOTOR SHAFT.

| BILL OF MATERIAL | | | | | |
|------------------|-----|----------|----------|----------------------------------|--|
| DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION | |
| 1 | 1 | 737860 | 04D0818 | HOUSING WELDMENT 25EZ155-175 | |
| 2 | 1 | 747459 | 06C0277 | LID/25EZ155-175 | |
| 3 | 1 | 737825 | 04D0696 | TOP LINER/25EZ155-175 | |
| 4 | 4 | 737824 | 04D0695 | END LINER/25EZ155-175 | |
| 5 | 2 | 750532 | 64A0940 | JAW BOLT 1/2" NC | |
| 6 | 4 | C75312 | A4-4012 | LINER CLAMP ASSY | |
| 7 | 2 | 737703 | - | CLAMP/STEEL FEED SPOUT | |
| 8 | 1 | 730528 | 02C0138 | REAR HUB LINER | |
| 9 | 1 | 730462 | 02D0209 | HUB SEAL - HDN | |
| 10 | 1 | 731616 | 02C0374 | LIFTING-EYE | |
| 11 | 1 | 737273 | 04D0583 | CC ADAPTER/TARGET LOK | |
| 12 | 1 | 736767 | 04C0238 | RETAINING RING/TARGET LOK | |
| 13 | 3 | 500191 | - | SCR/CAPHEX 5/16"-18 X 1.25" | |
| 14 | 3 | 500114 | - | WASHER/LOCK 5/16" | |
| 15 | 6 | 500199 | - | SCR/CAPHEX 3/8"-16 X .75" | |
| 16 | 4 | 500965 | - | SCR/CAPHEX 3/8"-16 X .88" | |
| 17 | 2 | 500778 | - | SCR/CAPHEX 3/8"-16 X 1.50" | |
| 18 | 12 | 500115 | - | WASHER/LOCK 3/8" | |
| 19 | 2 | 502619 | - | NUT/CAP 1/2"-13 MILD STEEL | |
| 20 | 2 | 500106 | - | WASHER/FLAT 1/2" | |
| 21 | 8 | 500063 | - | NUT/HEX 5/8"-11 | |
| 22 | 8 | 500117 | - | WASHER LOCK 5/8" | |
| 23 | 8 | 500107 | - | WASHER FLAT 5/8" | |
| 24 | - | SEE | CHART | | |
| 25 | 6 | 500271 | - | SCR/CAPHEX 3/4"-10 X 2.50" | |
| 26 | 10 | 500118 | - | WASHER/LOCK 3/4" | |
| 27 | 1 | 500491 | - | PLUG/PIPE 1/8" NPT | |
| 28 | 1 | 742118 | 05D0747 | MOTOR MOUNTING ADAPTER | |
| 29 | - | SEE | CHART | | |
| 30 | 1 | 742244 | 05C0263 | INDEX PLATE/UNIVERSAL TARGET LOK | |
| 31 | 2 | 500116 | - | WASHER/LOCK 1/2" | |



| E | BOM ITEM 5 P/N WAS 236591 | 4/26/01 | MPP | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------|-----------------|----|
| D | BOM ITEM 2 P/N WAS 737777 | 10/27/06 | MPP | |
| | BOM ITEM 19 P/N WAS 198457 | | | |
| | BOM ITEM 31 ADDED | | | |
| C | BILL ADDED ITEM 30 | 10/14/06 | PDH | |
| B | BILL ADDED ITEM 28 TO P/N 740358 AND ADDED ASSY P/N 742122 | 08/19/06 | PDH | |
| A | BILL WAS A TABULATED DWG. MADE SINGLE P/N AND RESTRICTED BILL | 02/26/05 | PDH | |
| REV. | ZONE | DESCRIPTION | DATE | BY |
| REVISIONS | | | | |
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| FIRST USED | PD0103 | REF. P/N/740317 | CAT. NO. LISTED | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | WHEELABRATOR | | | |
| ANGLES ± 1° | HOUSING ASSEMBLY | | | |
| FRACTIONS ± 1/16 | TARGET LOCK 25EZ155-175 | | | |
| 2 PL DEC ± .06 | SCALE 1/4" = 1" | DRAWN PDH | 05D0124 | |
| 3 PL DEC ± .005 | DATE 02/17/2005 | SHEET 01 of 01 | | |

A | B | C | D | E | F | G | H

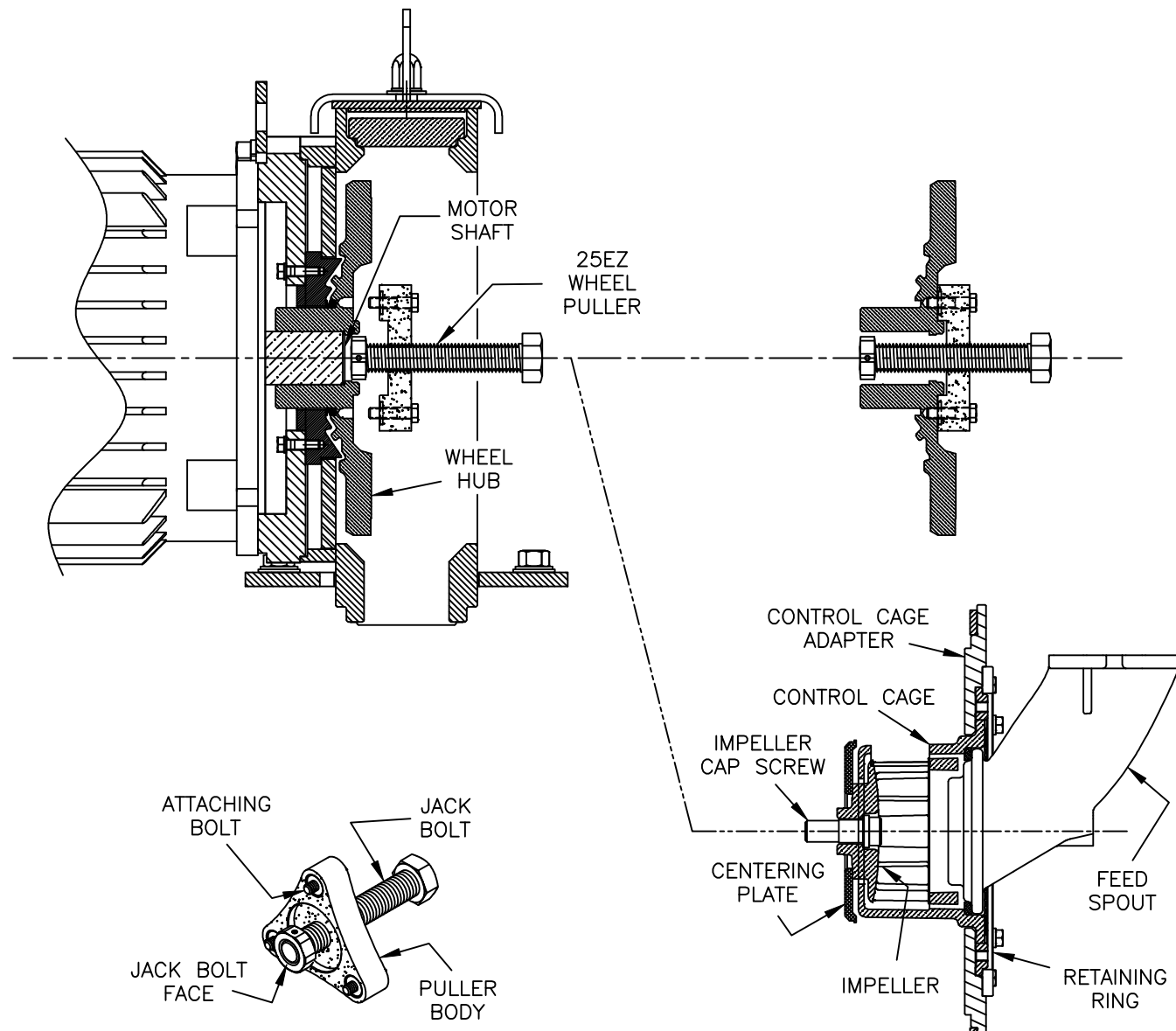
| BILL OF MATERIAL | | | | |
|------------------|-----|----------|----------|-------------|
| DET | QTY | CAT. NO. | DWG. NO. | DESCRIPTION |
| | | | | |

WHEEL PREPARATION

PRIOR TO USING THE 25EZ WHEEL PULLER, THE WHEEL FRONTAL COMPONENTS * AND WHEEL BLADES WILL NEED TO BE REMOVED. THE WEARING OF PROTECTIVE GLOVES IS RECOMMENDED DURING REMOVAL OF WHEEL PARTS AS THEY MAY BE SHARP AND POSE A PINCHING, ABRASION, AND/OR CUTTING HAZARD FOR THE WORKER.

ATTENTION

THIS PROCEDURE ASSUMES COMPLIANCE WITH FACILITY SAFETY AND OPERATION RULES TO INCLUDE, BUT NOT LIMITED TO, QUALIFIED PERSONEL, LOCK-OUT/TAG OUT, PROPER LIGHTING, SECURE AREA, PROTECTIVE GEAR, AND USE OF PROPER TOOLS.



25EZ WHEEL PULLER
P/N 737782 (04D0934)

* WHEEL FRONTAL COMPONENTS

BARE WHEEL REMOVAL PROCEDURE

1. INSPECT THE 25EZ WHEEL PULLER FOR VISUAL DAMAGE AND CORROSION. BACK OUT (ROTATE CCW) THE CENTER JACK BOLT OF PULLER COMPLETELY INSURING SMOOTH ROTATION.
2. INSURE LEADING FACE OF JACK BOLT (SHAFT CONTACT/LOAD BEARING AREA) IS FREE OF DEBRIS AND SMOOTH (NO MAJOR DISTORTION OR DAMAGE)
3. AFTER COMPLETING WHEEL PREPARATION, INSPECT WHEEL HUB AND MOTOR SHAFT MATING AREA FOR PHYSICAL DAMAGE AND DEBRIS. CLEAR AREA OF OBSTRUCTIONS AND INSURE THE END OF THE MOTOR SHAFT, TAPPED HOLES OF THE HUB, AND PULLER MATING AREAS ARE CLEAN.
4. ALIGN ATTACHING BOLTS TO WHEEL HUB AND START EACH OF THE THREE ATTACHING BOLTS BY HAND.
5. TIGHTEN EACH BOLT IN SEQUENCE TO APPROXIMATELY FIFTEEN (15) FOOT POUNDS TORQUE. ("WRIST" TIGHT WITH ZERO CLEARANCE BETWEEN THE FACE OF THE PULLER BODY AND THE WHEEL HUB)
6. TURN CENTER JACK BOLT CLOCKWISE UNTIL THE WHEEL HUB IS FREE FROM THE MOTOR SHAFT.

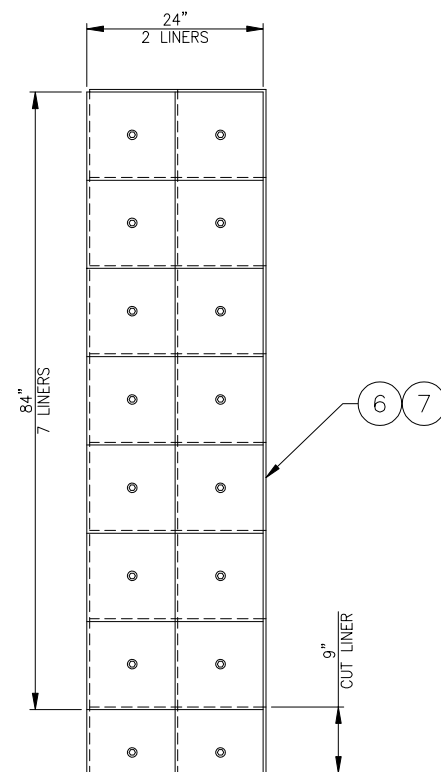
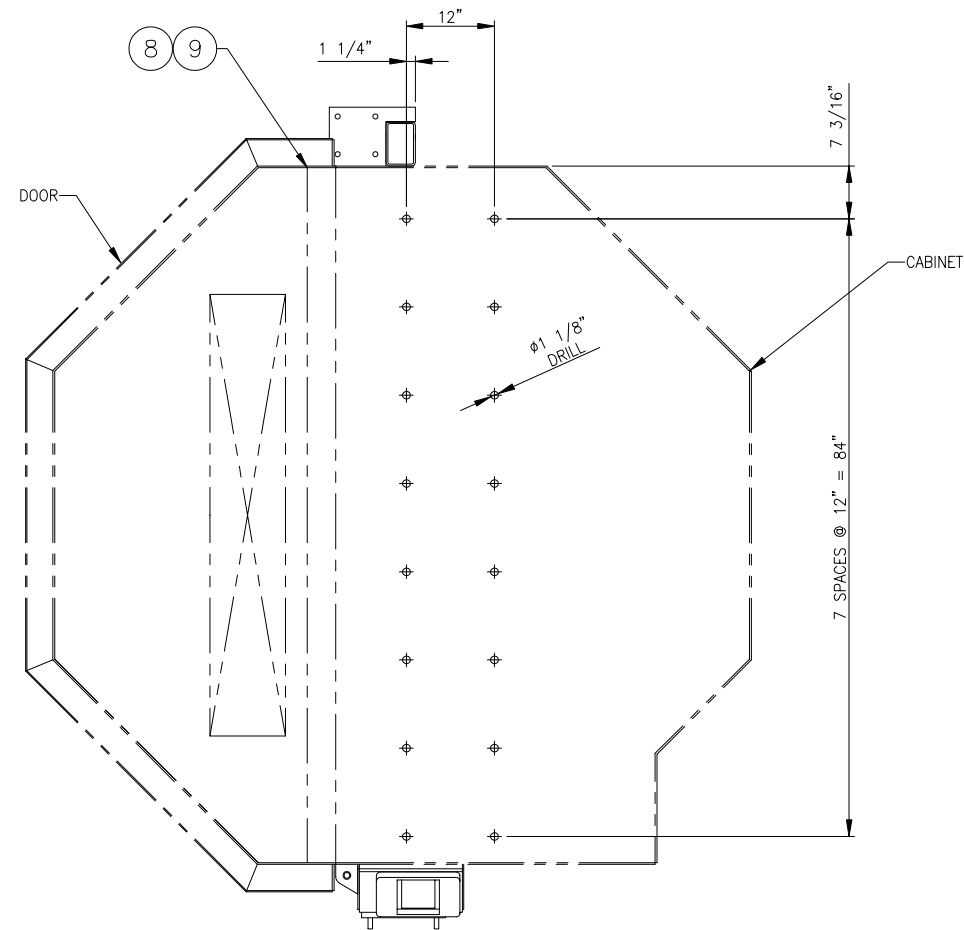
CAUTION : MAINTAIN A FIRM GRIP ON THE BARE WHEEL AND PULLER ASSEMBLY DURING HUB SEPARATION FROM SHAFT TO AVOID PERSONAL INJURY AND/OR COMPONENT DAMAGE.

7. SEPARATE PULLER FROM HUB BY REMOVING ATTACHING BOLTS. STORE PULLER IN A CLEAN AND DRY ENVIRONMENT.

| REV. | ZONE | DESCRIPTION | DATE | BY |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------|------------------|----------|
| REVISIONS | | | | |
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| FIRST USED PD0107 | | REF. PN/7377820 | CAT. NO. C237023 | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | wheelabrator GROUP | | |
| ANGLES ± 1' | | 25EZ WHEEL PULLER INSTRUCTIONS | | |
| FRACTIONS ± 1/16 | | 25 EZ WHEELS | | |
| 2 PL DEC ±.06 | | SCALE 1/4" = 1" | DRAWN DWH | A2-53692 |
| 3 PL DEC ±.005 | | DATE 09/08/2008 | SHEET 01 of 01 | |

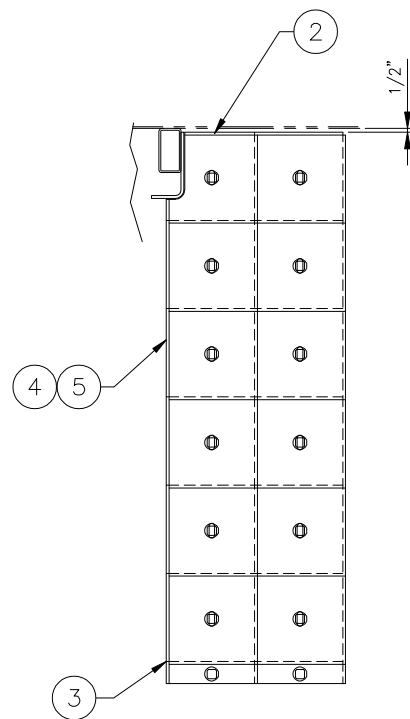
A | B | C | D | E | F | G | H

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|--------------------------------------|----|
| 1 | 2 | C241474 | A3-57122 | LINER MOUNTING BAR X 69 1/2" | 10 |
| 2 | 1 | C241483 | A3-57123 | CAST LINER, 1/2" X 12 3/8" X 12 3/8" | - |
| 3 | 2 | C241484 | A3-57124 | CAST LINER, 1/2" X 3" X 12 3/8" | - |
| 4 | 11 | 223306 | - | CAST LINER, 12" X 12" | - |
| 5 | 14 | 220040 | - | 1/2" NC CAST CAP NUT | - |
| 6 | 16 | 728221 | - | CAST LINER, 12" X 12" W/INSERT | - |
| 7 | 16 | - | - | 1/2" NC HEX BOLT X 1" C/W FW & LW | - |
| 8 | 1 | C241910 | A2-54731 | HINGE SIDE CABINET LINERS | - |
| 9 | 1 | C241909 | A3-57247 | CABINET HEADER LINERS | - |

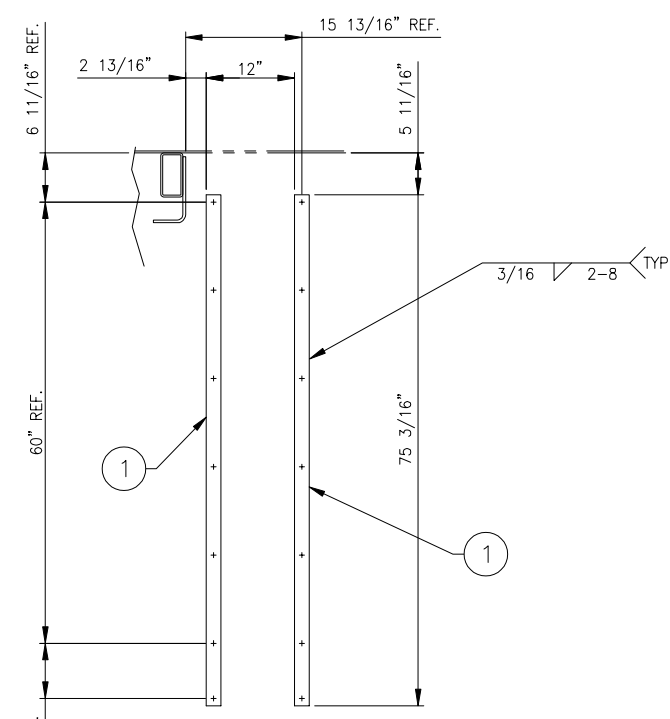


ROOF LINERS
SCALE: 1"=1'-0"

CABINET ROOF LINER HOLES
SCALE: 1"=1'-0"



WALL LINERS 12" X 12"
SCALE: 1"=1'-0"



WALL LINER MOUNTING BARS
SCALE: 1"=1'-0"

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ± 1°
 FRACTIONS ± 1/16"
 2 PL DEC ± .08"
 3 PL DEC ± .005"
 ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A2.4:2007
 DO NOT SCALE DRAWING

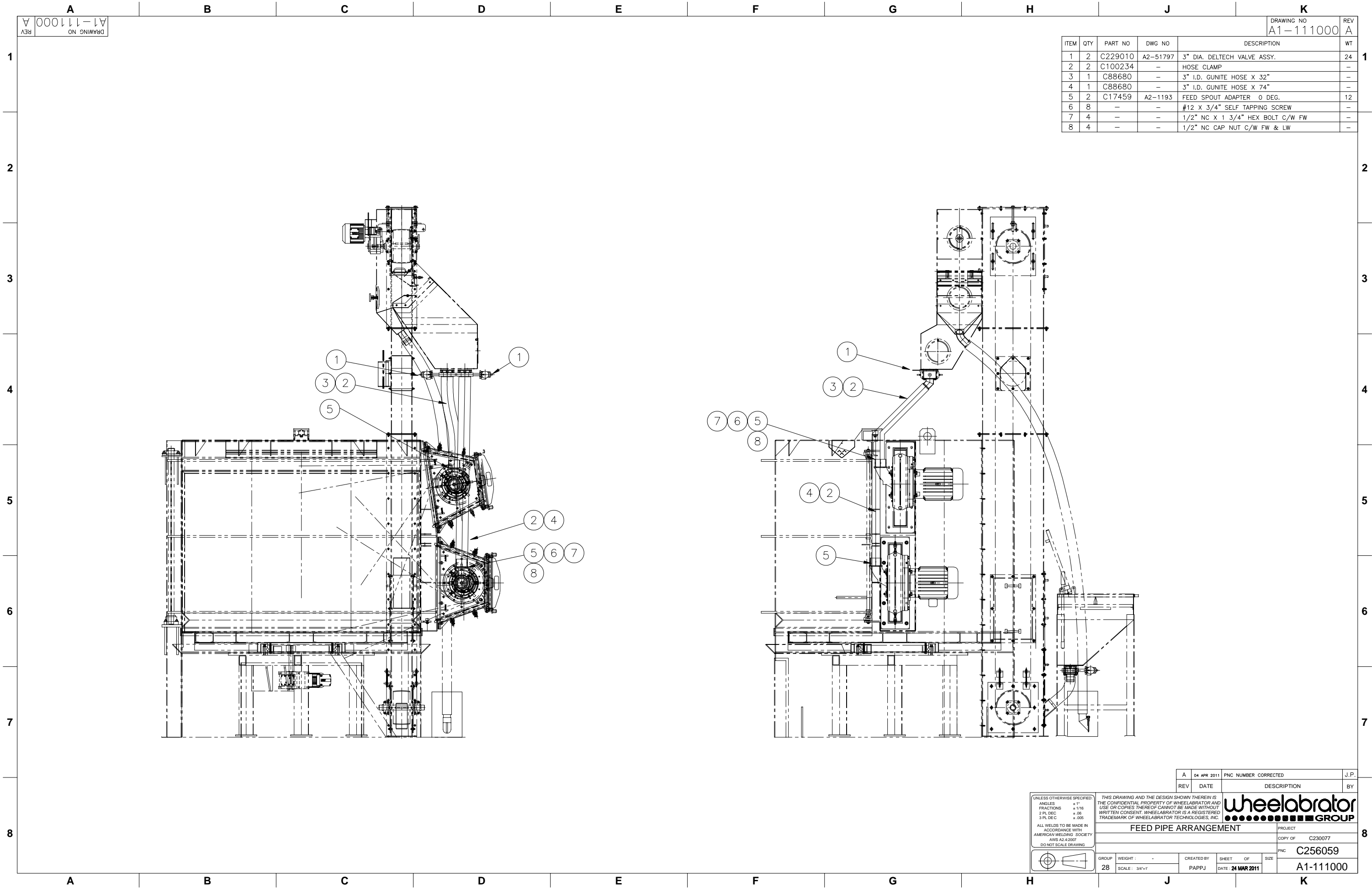
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wheelabrator
GROUP

CABINET LINER ARRANGEMENT
 WMT - 84 - SL TABLE
 W / ADDITIONAL HANGING LINERS

PROJECT 3818
 COPY OF A1-97179
 PNC C257024

GROUP 27
 WEIGHT 95
 SCALE 1"=1'-0"
 CREATED BY J.PAPP
 SHEET 1 OF 1
 DATE 03 MAY 2011
 SIZE A1-111568



REV A 000111000
DRAWING NO A1-111000

DRAWING NO A1-111000
REV A

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|----------------------------------|----|
| 1 | 2 | C229010 | A2-51797 | 3" DIA. DELTECH VALVE ASSY. | 24 |
| 2 | 2 | C100234 | - | HOSE CLAMP | - |
| 3 | 1 | C88680 | - | 3" I.D. GUNITE HOSE X 32" | - |
| 4 | 1 | C88680 | - | 3" I.D. GUNITE HOSE X 74" | - |
| 5 | 2 | C17459 | A2-1193 | FEED SPOUT ADAPTER 0 DEG. | 12 |
| 6 | 8 | - | - | #12 X 3/4" SELF TAPPING SCREW | - |
| 7 | 4 | - | - | 1/2" NC X 1 3/4" HEX BOLT C/W FW | - |
| 8 | 4 | - | - | 1/2" NC CAP NUT C/W FW & LW | - |

| REV | DATE | DESCRIPTION | BY |
|-----|-------------|----------------------|------|
| A | 04 APR 2011 | PNC NUMBER CORRECTED | J.P. |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.08"
 3 PL DEC ±.005"
 ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A2.4:2007
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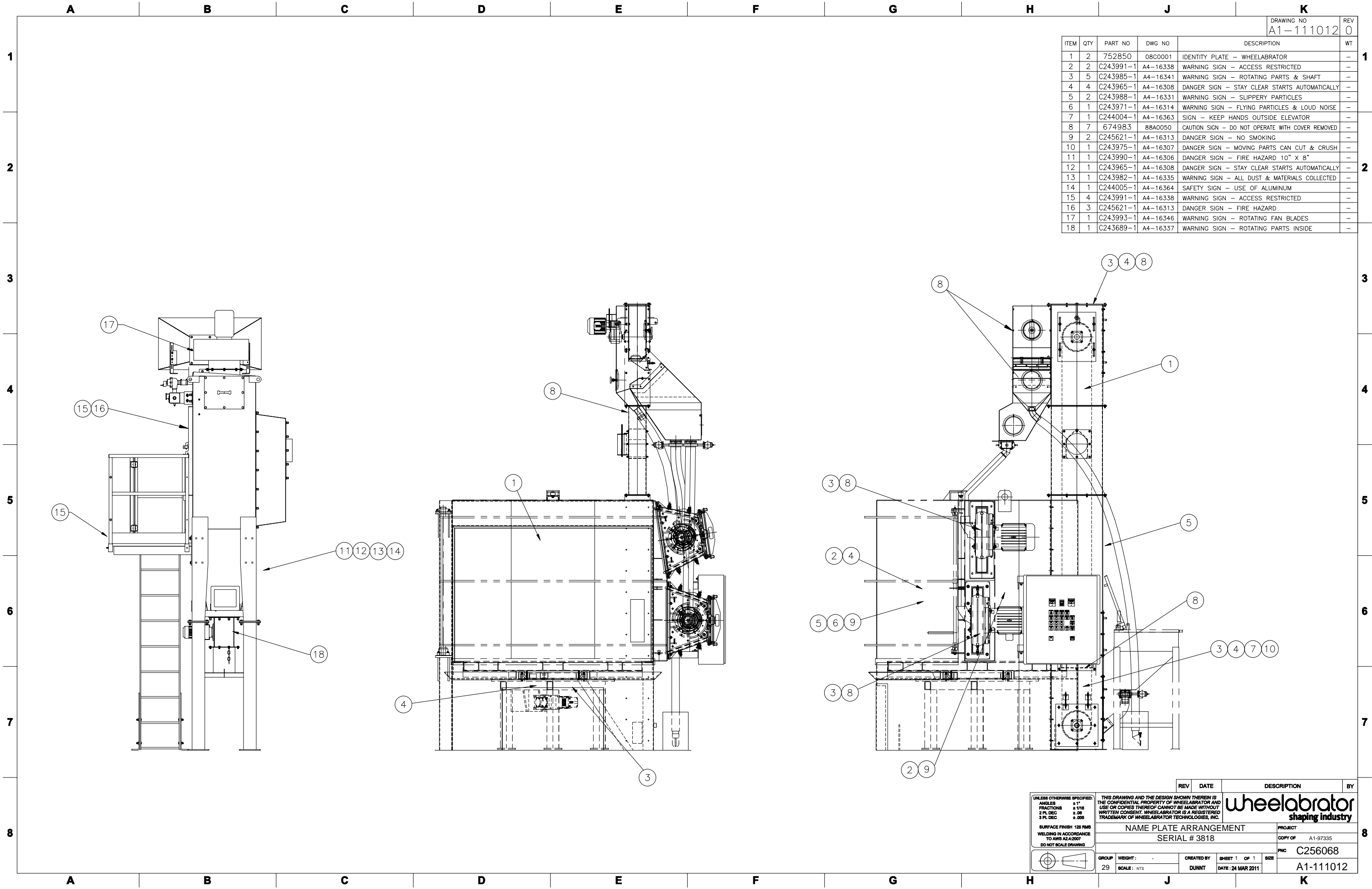
wheelabrator
 GROUP

| GROUP | WEIGHT | CREATED BY | SHEET OF | SIZE |
|-------|--------|------------|-------------------|-----------|
| 28 | - | PAPPJ | DATE: 24 MAR 2011 | A1-111000 |

FEED PIPE ARRANGEMENT

PROJECT COPY OF C230077
 PNC C256059

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|-----------|----------|--------------------------------------------------|----|
| 1 | 2 | 752850 | 08C0001 | IDENTITY PLATE - WHEELABRATOR | - |
| 2 | 2 | C243991-1 | A4-16338 | WARNING SIGN - ACCESS RESTRICTED | - |
| 3 | 5 | C243985-1 | A4-16341 | WARNING SIGN - ROTATING PARTS & SHAFT | - |
| 4 | 4 | C243965-1 | A4-16308 | DANGER SIGN - STAY CLEAR STARTS AUTOMATICALLY | - |
| 5 | 2 | C243988-1 | A4-16331 | WARNING SIGN - SLIPPERY PARTICLES | - |
| 6 | 1 | C243971-1 | A4-16314 | WARNING SIGN - FLYING PARTICLES & LOUD NOISE | - |
| 7 | 1 | C244004-1 | A4-16363 | SIGN - KEEP HANDS OUTSIDE ELEVATOR | - |
| 8 | 7 | 674983 | 88A0050 | CAUTION SIGN - DO NOT OPERATE WITH COVER REMOVED | - |
| 9 | 2 | C245621-1 | A4-16313 | DANGER SIGN - NO SMOKING | - |
| 10 | 1 | C243975-1 | A4-16307 | DANGER SIGN - MOVING PARTS CAN CUT & CRUSH | - |
| 11 | 1 | C243990-1 | A4-16306 | DANGER SIGN - FIRE HAZARD 10" X 8" | - |
| 12 | 1 | C243965-1 | A4-16308 | DANGER SIGN - STAY CLEAR STARTS AUTOMATICALLY | - |
| 13 | 1 | C243982-1 | A4-16335 | WARNING SIGN - ALL DUST & MATERIALS COLLECTED | - |
| 14 | 1 | C244005-1 | A4-16364 | SAFETY SIGN - USE OF ALUMINUM | - |
| 15 | 4 | C243991-1 | A4-16338 | WARNING SIGN - ACCESS RESTRICTED | - |
| 16 | 3 | C245621-1 | A4-16313 | DANGER SIGN - FIRE HAZARD | - |
| 17 | 1 | C243993-1 | A4-16346 | WARNING SIGN - ROTATING FAN BLADES | - |
| 18 | 1 | C243689-1 | A4-16337 | WARNING SIGN - ROTATING PARTS INSIDE | - |



| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16
 2 PL DEC ±.005
 3 PL DEC ±.005

SURFACE FINISH 125 RMS
 WELDING IN ACCORDANCE TO AWS A2.4:2007
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wheelabrator
shaping industry

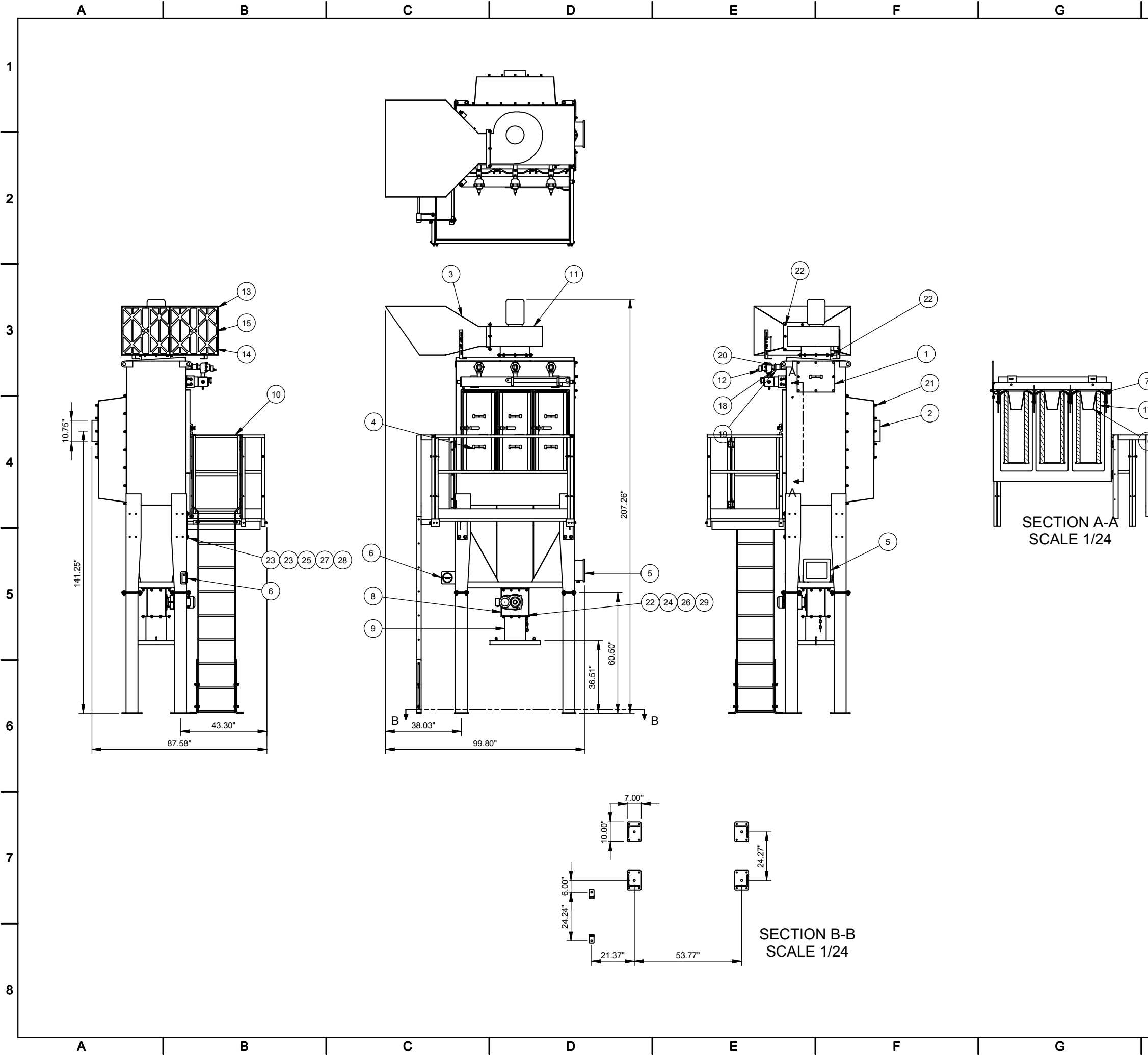
NAME PLATE ARRANGEMENT
SERIAL # 3818

PROJECT: A1-97335
 COPY OF: A1-97335
 PNC: C256068

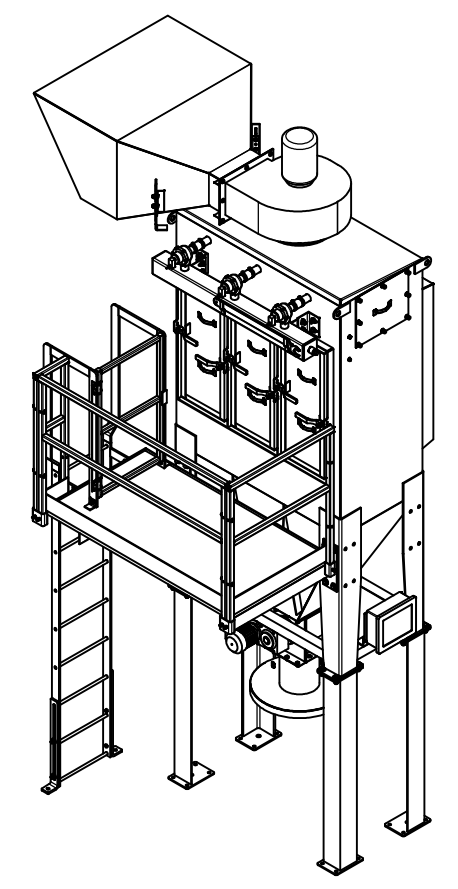
GROUP: 29
 WEIGHT: -
 SCALE: NTS

CREATED BY: DUNNT
 SHEET 1 OF 1
 DATE: 24 MAR 2011

SIZE: A1-111012



| BILL OF MATERIAL | | | | | |
|------------------|-----|---------|-----------|-----------------------------------------------|---------|
| ITEM | QTY | PART # | TAG # | DESCRIPTION | LBS |
| 1 | 1 | C253123 | A1-109323 | CJP36 - 3W2D SUB ASSEMBLY, NO VENT | 1915.32 |
| 2 | 1 | C253284 | A1-109445 | 11 INCH INLET | 29.14 |
| 3 | 1 | C254185 | A1-110015 | AFTER FILTER, HDBI-130, SQ-95%, 2 CELL | 201.51 |
| 4 | 3 | C245989 | A2-55372 | JPSM DOOR ASSEMBLY | 114.35 |
| 5 | 1 | C246439 | A2-55430 | PHOTOHELIC & TIMER ASSEMBLY 24VDC | 5.73 |
| 6 | 1 | C112347 | A3-20920 | MAGNEHELIC GAUGE ASSEMBLY | 13.93 |
| 7 | 6 | C119828 | A2-21208 | CARTRIDGE SUPPORT | 19.76 |
| 8 | 1 | C45342 | A1-13936 | ROTARY VALVE ASSEMBLY, 460V | 187.31 |
| 9 | 1 | C138573 | A3-30177 | DUST COLLECTOR DISCH. ASSEMBLY 48" | 58.59 |
| 10 | 1 | C253111 | A1-109311 | CJP36 - 3W2D SERVICE ACCESS | 440.99 |
| 11 | 1 | C252894 | - | FAN, 2640CFM @ 10" SP, 7.5HP, 460V, CW-TH 90% | 310.36 |
| 12 | 3 | C245660 | - | TURBO 1 1/2" DIAPHRAGM VALVE (12/24VDC) | 50.12 |
| 13 | 2 | C97847 | - | AFTER FILTER FRAME, 24"x24"x12" | 47.21 |
| 14 | 2 | C87729 | - | AFTER FILTER CELL | .00 |
| 15 | 8 | C102807 | - | FILTER CLIP | .01 |
| 16 | 6 | C14064 | - | VENTURI | .00 |
| 17 | 6 | C57612 | - | DUST COLLECTOR FILTER 36" | 2.07 |
| 18 | 6 | C12667 | - | CLAMP BAND | .25 |
| 19 | 3 | C36568 | - | RUBBER SLEEVE 2" ID X 3 1/2" LG | .40 |
| 20 | 3 | - | Y000761 | PIPE 1 1/2 STD x 2.5 in | 1.70 |
| 21 | 28 | 502620 | - | MILD CAP NUT 3/8-16 | 3.32 |
| 22 | 28 | 504198 | - | HEX HD CAP SCR 3/8-16 UNC x 1 GR5 (ZINC) | .78 |
| 23 | 8 | 504202 | - | HEX HD CAP SCR 5/8-11 UNC x 2 GR5 (ZINC) | 1.18 |
| 24 | 84 | 504203 | - | FLAT WASHER 3/8 GR8 (ZINC) | .72 |
| 25 | 16 | 504205 | - | FLAT WASHER 5/8 GR8 (ZINC) | .71 |
| 26 | 56 | 504206 | - | LOCK WASHER 3/8 GR5 (ZINC) | .21 |
| 27 | 8 | 504208 | - | LOCK WASHER 5/8 GR5 (ZINC) | .12 |
| 28 | 4 | 504210 | - | HEX NUT 5/8-11 - UNC GR5 (ZINC) | .19 |
| 29 | 28 | 504213 | - | HEX NUT 3/8-16 - UNC GR5 (ZINC) | .30 |



UNLESS OTHERWISE SPECIFIED:
 ANGLES ± 1°
 FRACTIONS ± 1/16
 2 PL DEC ± .06
 3 PL DEC ± .005
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wheelabrator
GROUP

CJP36-3W2D, 2640 CFM @ 2:1, 460V
 DUST COLLECTOR

FIRST USED
 COPY OF

GROUP 30 APPROXIMATE WEIGHT 3406 lbmass CREATED BY pappp SHEET 1 OF 1 SIZE D DATE 3/25/2011 PNC C256080 A1-111023

A B C D E F G H

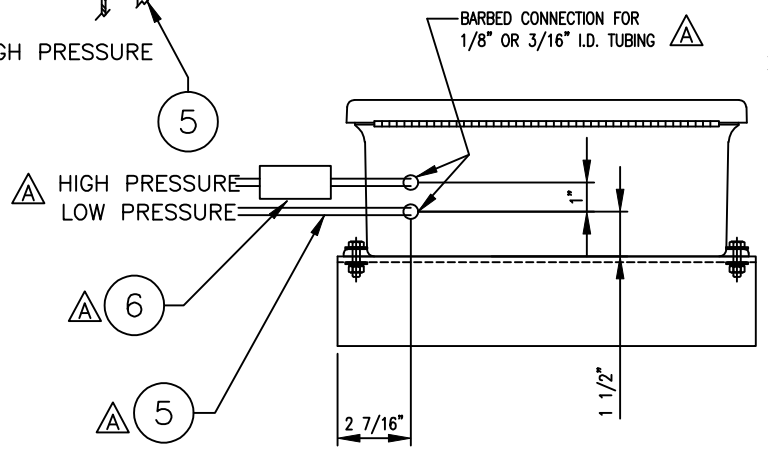
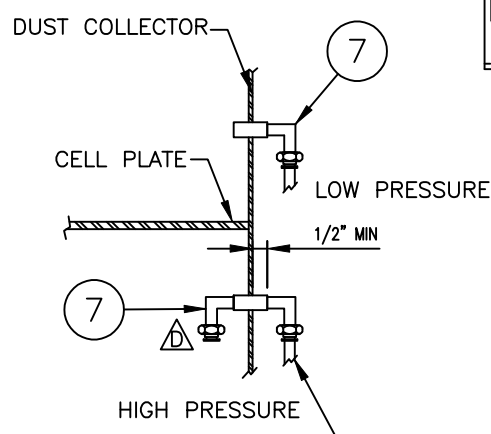
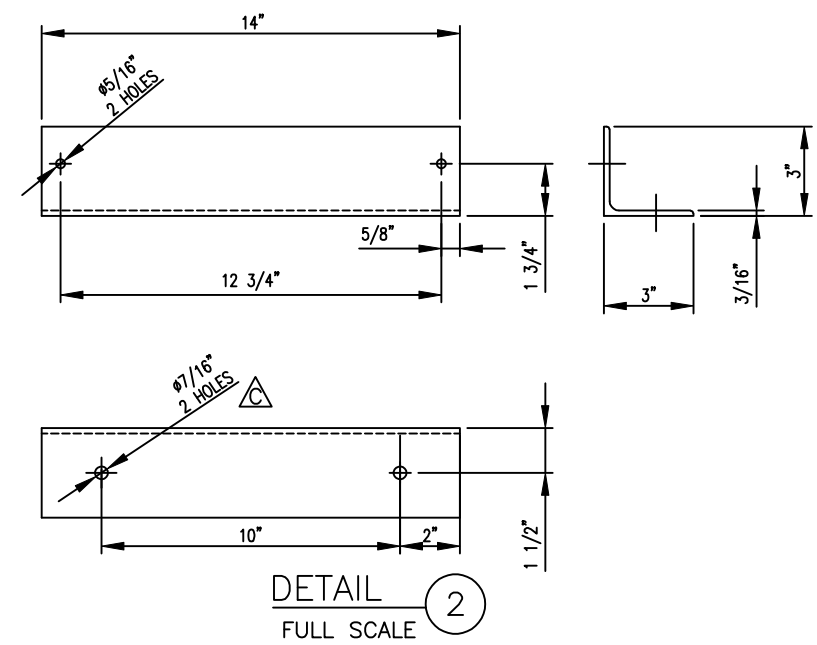
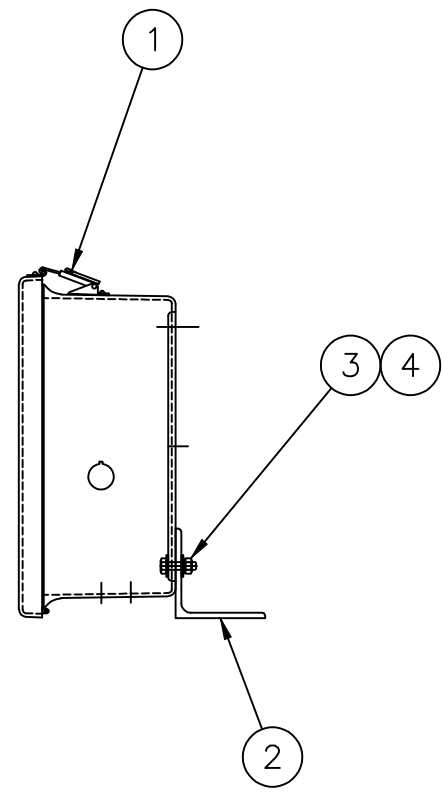
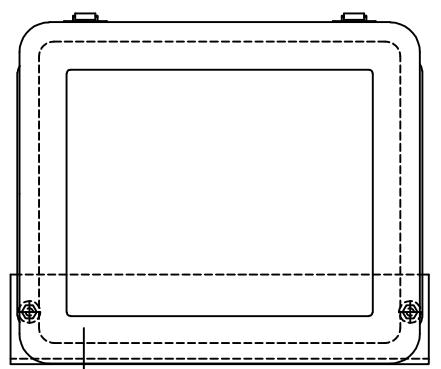
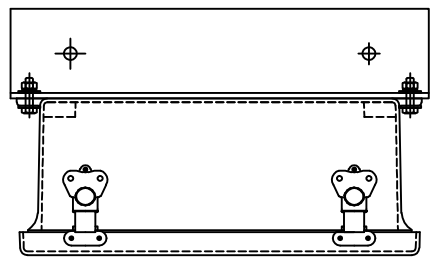
DRAWING NO
A2-55430

REV
D

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|--------|---------------------------------|----|
| 1 | 1 | C246628 | - | PHOTOHELIC GAUGE & TIMER, 24VDC | - |
| 2 | 1 | Y002181 | - | < 3" X 3" X 3/16" X 14" (A36) | 5 |
| 3 | 2 | - | - | 1/4" NC X 1" HEX BOLT C/W F/W | - |
| 4 | 2 | - | - | 1/4" NC HEX NUT C/W F/W & L/W | - |
| 5 | 1 | C9168 | - | 1/4" DIA. TUBING X 100' LG. | - |
| 6 | 1 | C106586 | - | INLINE FILTER | - |
| 7 | 3 | C38298 | - | 1/8" NPT TO 1/4" PUSH-IN ELBOW | - |

1
2
3
4
5
6

1
2
3
4
5
6



* NOTE: LOCATE IN CONTROL PANEL; MUST BE VISIBLE BY OPERATOR AT ALL TIMES
DO NOT DRILL CONDUIT HOLE IN TOP OF PANEL

| REV | DATE | DESCRIPTION | BY |
|-----|-------------|---------------------------|------|
| D | 31 MAR 2011 | ITEM 7 CHANGED FROM 2 PCS | J.P. |
| C | 21 OCT 2010 | 2 HOLES ADDED | J.P. |
| B | 11 AUG 2010 | ADDED IT.7 | DN |
| A | 18 FEB 2010 | IT #5,6 & NOTES ADDED | E.L. |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ± 1°
 FRACTIONS ± 1/16
 2 PL DEC ± .06
 3 PL DEC ± .005
 ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A2.4:2007
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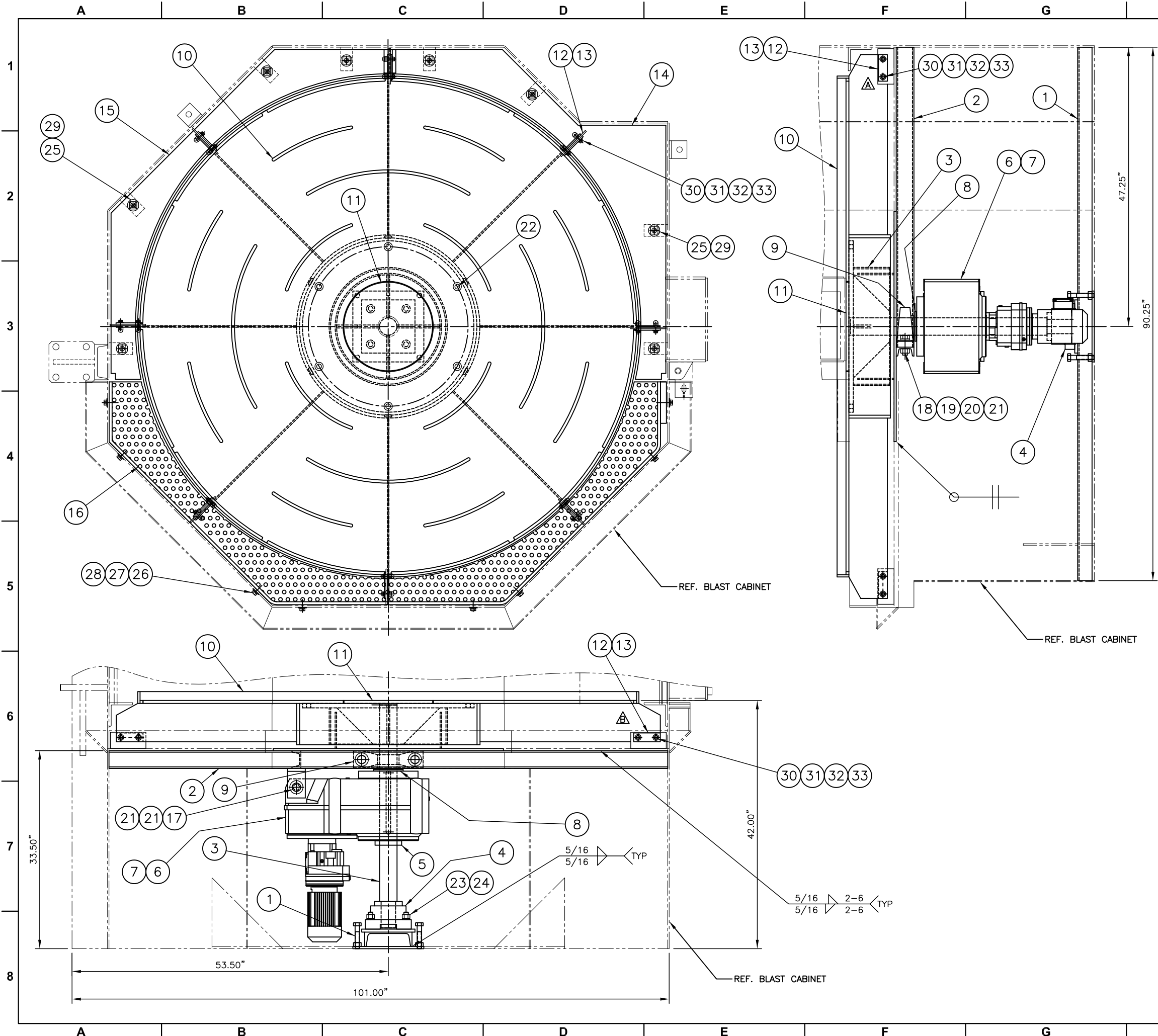


PHOTOHELIC & TIMER ASSEMBLY
EL16641

PROJECT 3720
COPY OF -

| | | | | |
|--------------|-----------|---------------------|-------------------------|------|
| GROUP 30 | WEIGHT: 5 | CREATED BY LUXEMBUE | SHEET 1 OF 1 | SIZE |
| SCALE: 3"=1" | | DATE: 01 FEB 2010 | PNC C246439 A2-55430 | |

A B C D E F G H

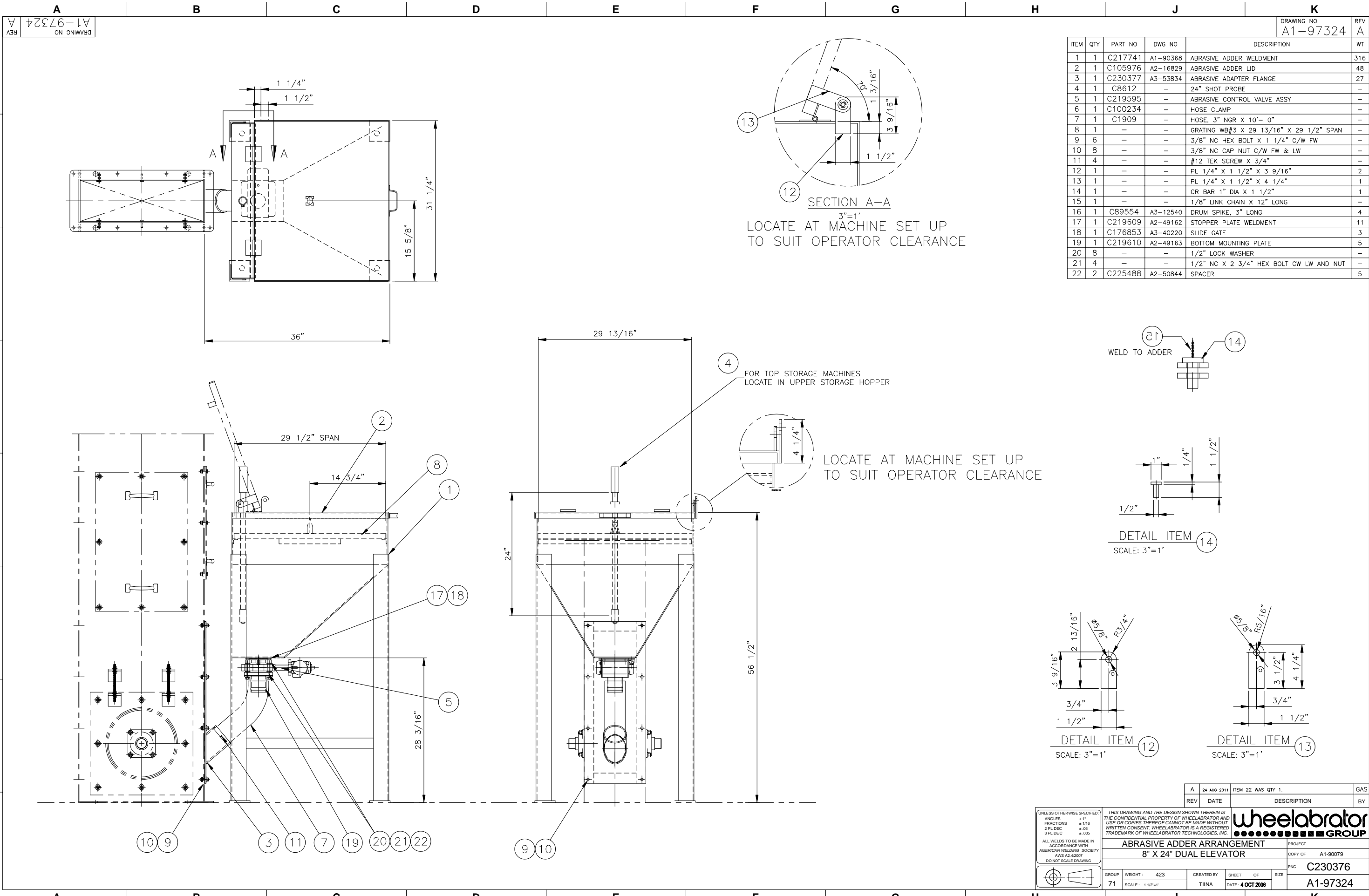


| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|-----------|-------------------------------------------|------|
| 1 | 1 | C257527 | A1-111905 | BEARING SUPPORT BOTTOM | 170 |
| 2 | 1 | C257528 | A1-111906 | BEARING SUPPORT TOP | 252 |
| 3 | 1 | C257529 | A1-111907 | TABLE SUPPORT | 336 |
| 4 | 1 | 679801 | | BEARING FLANGE 4 RLR TAPER TYPE E 2.6875B | 28 |
| 5 | 1 | 679776 | | CLAMPING COLLAR 2-PIECE 2.9376B | |
| 6 | 1 | 504291 | | KEY 3/4" X 5/8" X 10.00" | |
| 7 | 1 | 679764 | | GEARMOTOR 1.00 HP; 3.6 OUTPUT RPM | 420 |
| 8 | 1 | 679778 | 88A5048 | RUBBER FLINGER | |
| 9 | 1 | 288463 | | BEARING PILLOW BLOCK SC 2.9375B | 21 |
| 10 | 1 | C257525 | A1-111903 | WORK TABLE WELDMENT (AR) | 1334 |
| 11 | 1 | T076374 | 86B5001 | TABLE CENTER WEAR PLATE CASTING LL | 26 |
| 12 | 8 | C259515 | A3-61414 | RUBBER WIPER | |
| 13 | 8 | 675348 | 06B0120 | WIPER RETAINER | |
| 14 | 1 | C230458 | A1-97383 | RIM LINER RH | 274 |
| 15 | 1 | C230459 | A1-97384 | RIM LINER LH | 281 |
| 16 | 1 | 681474 | 90C5019 | LOADING PLATE | 600 |
| 17 | 1 | 503169 | | 7/8-9 X 7.00" HEX HEAD CAP SCREW | |
| 18 | 2 | 500288 | | 7/8-9 X 2.75" HEX HEAD CAP SCREW | |
| 19 | 2 | 500109 | | 7/8" FLAT WASHER | |
| 20 | 2 | 500119 | | 7/8" LOCK WASHER | |
| 21 | 4 | 500065 | | 7/8-9 HEX NUT | |
| 22 | 6 | 202063 | 03B0652 | 3/4-10 X 1.25" FLAT HEAD CAP SCREW HDN | |
| 23 | 4 | 500118 | | 3/4" LOCK WASHER | |
| 24 | 4 | 500064 | | 3/4-10 HEX NUT | |
| 25 | 8 | 149447 | | 1/2-13 X 1.00" WELD STUD | |
| 26 | 8 | 500219 | | 1/2-13 X 1.00" HEX HEAD CAP SCREW | |
| 27 | 8 | 500106 | | 1/2" FLAT WASHER | |
| 28 | 8 | 500116 | | 1/2" LOCK WASHER | |
| 29 | 8 | 220040 | | 1/2-13 CAST CAP NUT LL | |
| 30 | 16 | 500768 | | 3/8-16 X 1.25" HEX HEAD CAP SCREW | |
| 31 | 16 | 500104 | | 3/8" FLAT WASHER | |
| 32 | 16 | 500115 | | 3/8" LOCK WASHER | |
| 33 | 16 | 076291 | | 3/8-16 CAP NUT HDN | |

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------|--------|
| UNLESS OTHERWISE SPECIFIED: ANGLES ± 1° FRACTIONS ± 1/16 2 PL DEC ± .06 3 PL DEC ± .005 SURFACE FINISH 125 RIMS WELDING IN ACCORDANCE TO AWS A2.2:2007 DO NOT SCALE DRAWING | | THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE CONFIDENTIAL PROPERTY OF WHEELABRATOR GROUP INC. AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC. | | PROJECT 3818 COPY OF | |
| WORK TABLE ASSEMBLY (AR) TAM-84-2-15 TABLE MACHINE | | PNC C256062 | | DATE: 19 MAY 2011 | |
| GROUP 35 | WEIGHT: 3742 SCALE: 1/16"=1' | CREATED BY LAMBRIXM | SHEET 1 OF 1 | DATE: 19 MAY 2011 | SIZE D |

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shaping industry

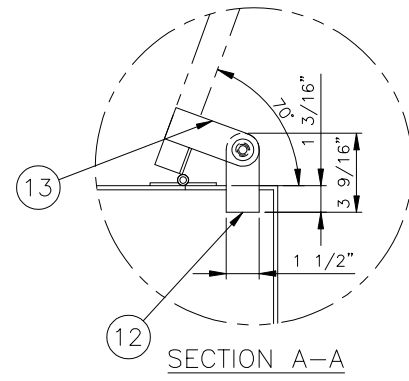
| | | | |
|-----|-------------|-----------------------|------|
| REV | DATE | DESCRIPTION | BY |
| C | 24 AUG 2011 | ITEM 6 WAS 680829 | GAS |
| B | 15 AUG 2011 | ITEM 12 WAS 06B0119 | J.P. |
| A | 24 MAY 2011 | COMPLETELY REDESIGNED | M.JL |



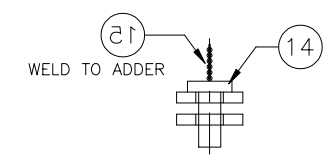
REV A
DRAWING NO A1-97324

DRAWING NO
A1-97324
REV
A

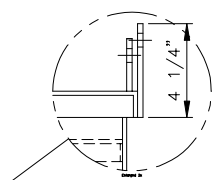
| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|-----------------------------------------|-----|
| 1 | 1 | C217741 | A1-90368 | ABRASIVE ADDER WELDMENT | 316 |
| 2 | 1 | C105976 | A2-16829 | ABRASIVE ADDER LID | 48 |
| 3 | 1 | C230377 | A3-53834 | ABRASIVE ADAPTER FLANGE | 27 |
| 4 | 1 | C8612 | - | 24" SHOT PROBE | - |
| 5 | 1 | C219595 | - | ABRASIVE CONTROL VALVE ASSY | - |
| 6 | 1 | C100234 | - | HOSE CLAMP | - |
| 7 | 1 | C1909 | - | HOSE, 3" NGR X 10'- 0" | - |
| 8 | 1 | - | - | GRATING WB#3 X 29 13/16" X 29 1/2" SPAN | - |
| 9 | 6 | - | - | 3/8" NC HEX BOLT X 1 1/4" C/W FW | - |
| 10 | 8 | - | - | 3/8" NC CAP NUT C/W FW & LW | - |
| 11 | 4 | - | - | #12 TEK SCREW X 3/4" | - |
| 12 | 1 | - | - | PL 1/4" X 1 1/2" X 3 9/16" | 2 |
| 13 | 1 | - | - | PL 1/4" X 1 1/2" X 4 1/4" | 1 |
| 14 | 1 | - | - | CR BAR 1" DIA X 1 1/2" | 1 |
| 15 | 1 | - | - | 1/8" LINK CHAIN X 12" LONG | - |
| 16 | 1 | C89554 | A3-12540 | DRUM SPIKE, 3" LONG | 4 |
| 17 | 1 | C219609 | A2-49162 | STOPPER PLATE WELDMENT | 11 |
| 18 | 1 | C176853 | A3-40220 | SLIDE GATE | 3 |
| 19 | 1 | C219610 | A2-49163 | BOTTOM MOUNTING PLATE | 5 |
| 20 | 8 | - | - | 1/2" LOCK WASHER | - |
| 21 | 4 | - | - | 1/2" NC X 2 3/4" HEX BOLT CW LW AND NUT | - |
| 22 | 2 | C225488 | A2-50844 | SPACER | 5 |



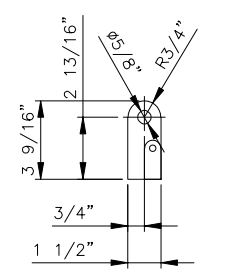
SECTION A-A
3"=1'
LOCATE AT MACHINE SET UP
TO SUIT OPERATOR CLEARANCE



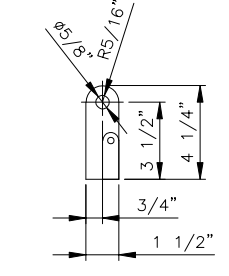
DETAIL ITEM 14
SCALE: 3"=1'



LOCATE AT MACHINE SET UP
TO SUIT OPERATOR CLEARANCE



DETAIL ITEM 12
SCALE: 3"=1'

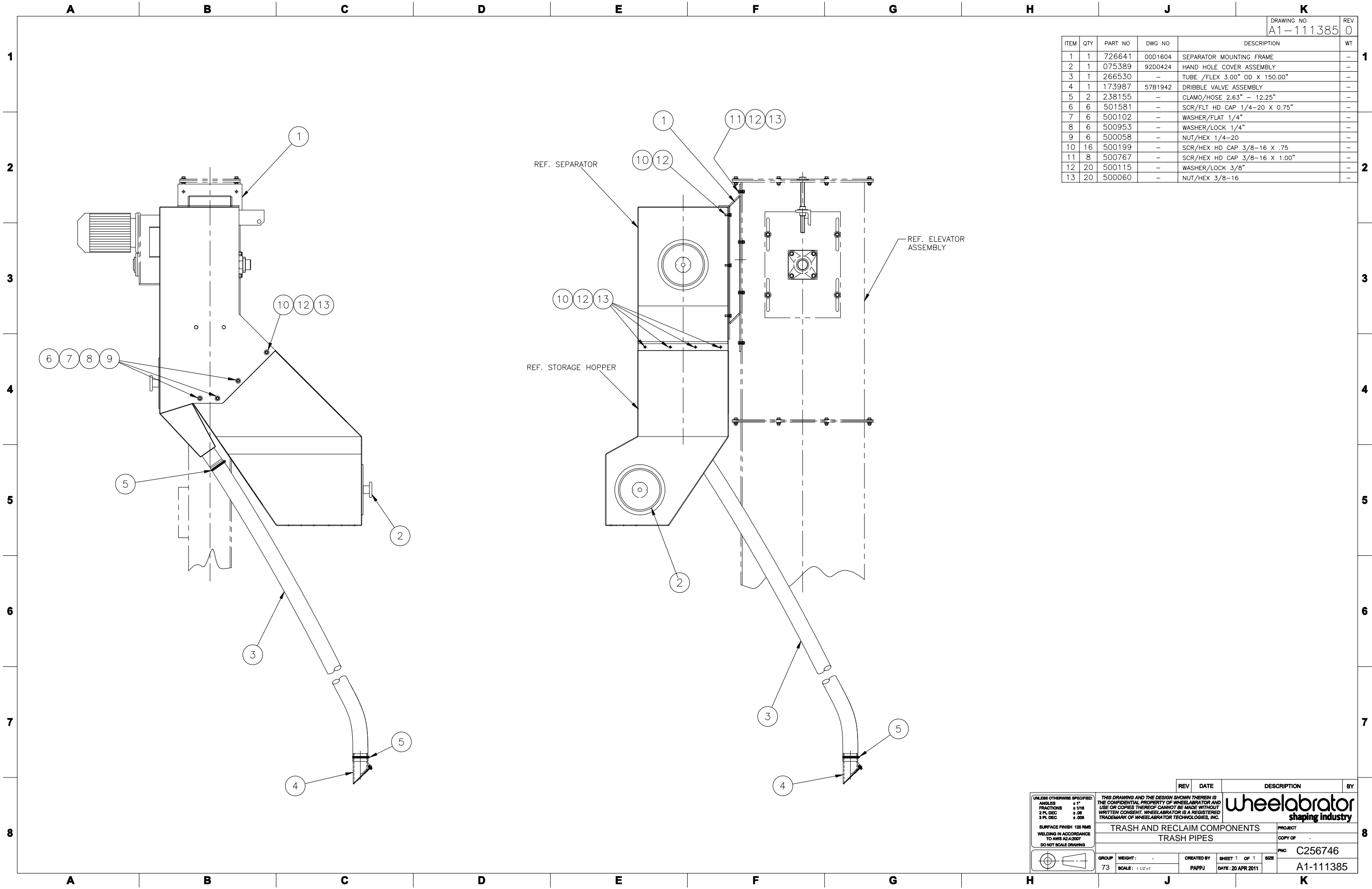


DETAIL ITEM 13
SCALE: 3"=1'

| | | | | | |
|-----------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------|------------------|
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| GROUP 71 | WEIGHT 423 | CREATED BY TIINA | SHEET 4 | OF 4 | DATE: 4 OCT 2008 |

| | | | |
|-----|-------------|--------------------|-----|
| REV | DATE | DESCRIPTION | BY |
| A | 24 AUG 2011 | ITEM 22 WAS QTY 1. | GAS |

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|---------|-------------------------------|----|
| 1 | 1 | 726641 | 00D1604 | SEPARATOR MOUNTING FRAME | - |
| 2 | 1 | 075389 | 92D0424 | HAND HOLE COVER ASSEMBLY | - |
| 3 | 1 | 266530 | - | TUBE /FLEX 3.00" OD X 150.00" | - |
| 4 | 1 | 173987 | 57B1942 | DRIBBLE VALVE ASSEMBLY | - |
| 5 | 2 | 238155 | - | CLAMO/HOSE 2.63" - 12.25" | - |
| 6 | 6 | 501581 | - | SCR/FLT HD CAP 1/4-20 X 0.75" | - |
| 7 | 6 | 500102 | - | WASHER/FLAT 1/4" | - |
| 8 | 6 | 500953 | - | WASHER/LOCK 1/4" | - |
| 9 | 6 | 500058 | - | NUT/HEX 1/4-20 | - |
| 10 | 16 | 500199 | - | SCR/HEX HD CAP 3/8-16 X .75 | - |
| 11 | 8 | 500767 | - | SCR/HEX HD CAP 3/8-16 X 1.00" | - |
| 12 | 20 | 500115 | - | WASHER/LOCK 3/8" | - |
| 13 | 20 | 500060 | - | NUT/HEX 3/8-16 | - |



| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16
 2 PL DEC ±.08
 3 PL DEC ±.005

SURFACE FINISH 125 RMS
 WELDING IN ACCORDANCE
 TO AWS A2.4:2007
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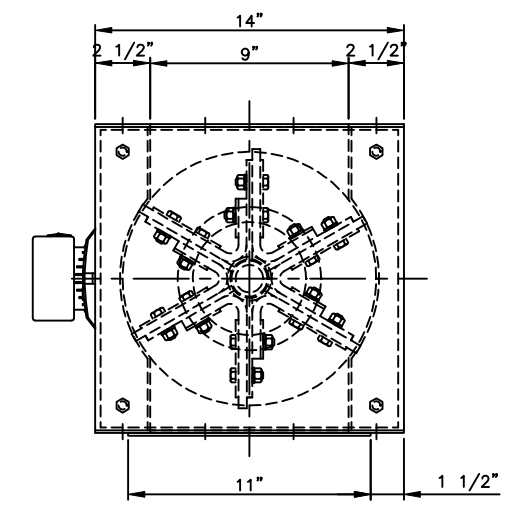
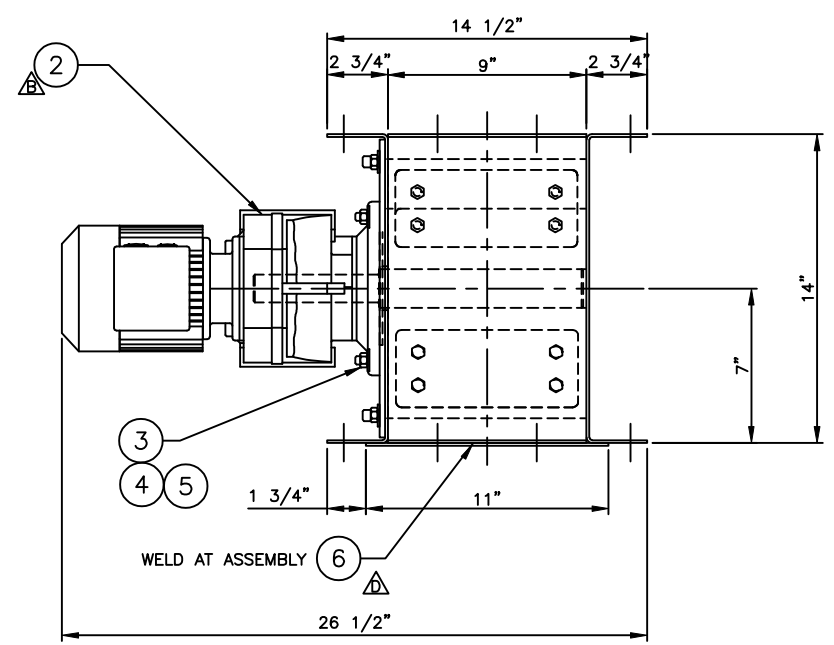
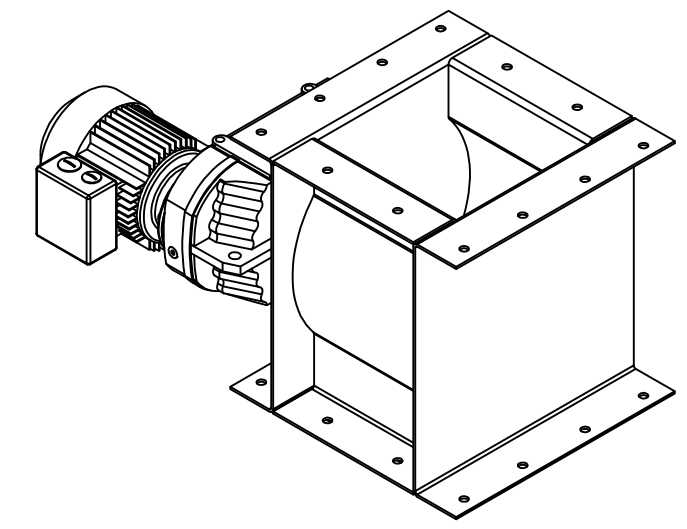
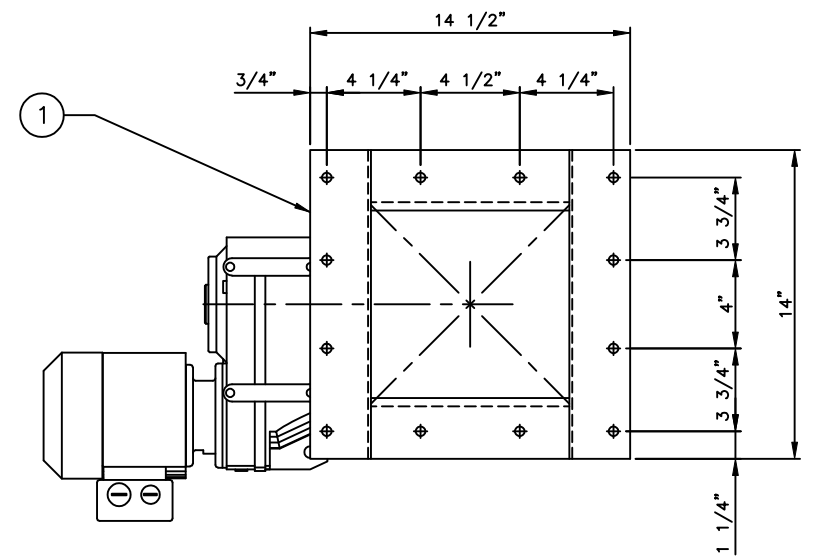
TRASH AND RECLAIM COMPONENTS
 TRASH PIPES

PROJECT
 COPY OF
 PHC C256746

GROUP WEIGHT: -
 73 SCALE: 1/12"=1"

CREATED BY SHEET 1 OF 1 SIZE
 PAPPJ DATE: 20 APR 2011 A1-111385

| ITEM | QTY | PART NO | DWG NO | DESCRIPTION | WT |
|------|-----|---------|----------|-----------------------------------|-----|
| 1 | 1 | C138186 | A1-51201 | ROTARY VALVE ASSEMBLY | 104 |
| 2 | 1 | C137334 | - | REDUCER (1/3 HP @ 11 RPM) FAF 47 | - |
| 3 | 8 | 500060 | - | HEX NUT 3/8-16 - UNC GR5 | - |
| 4 | 8 | 500104 | - | FLAT WASHER 3/8 GR8 | - |
| 5 | 8 | 500115 | - | LOCK WASHER 3/8 GR5 | - |
| 6 | 1 | Y003644 | - | #3 MESH X 0.063" WIRE X 11" X 11" | - |



| REV | DATE | DESCRIPTION | BY |
|-----|---------------|----------------------------------------|-----|
| F | 03 JUN 2011 | ITEM #3-4-5 WERE 1/2" HDW, REV ITEM #1 | GWS |
| E | 12 JAN 2010 | IT. 3-4-5 WERE 3/8" HDW | JAD |
| D | 01 SEP 2009 | ADDED ITEM 6 | RMK |
| C | 30 MAR 2008 | IT.1 REVISED (NCR# 3195-13) | BW |
| B | 09 MARCH 1999 | ITEM # 04 WAS P/N C45338 | HH |
| A | 17 FEB 1993 | ITEM 2 WAS DWG. # A2-9848 | FC |

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.08
 3 PL DEC ±.005

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wheelabrator
GROUP

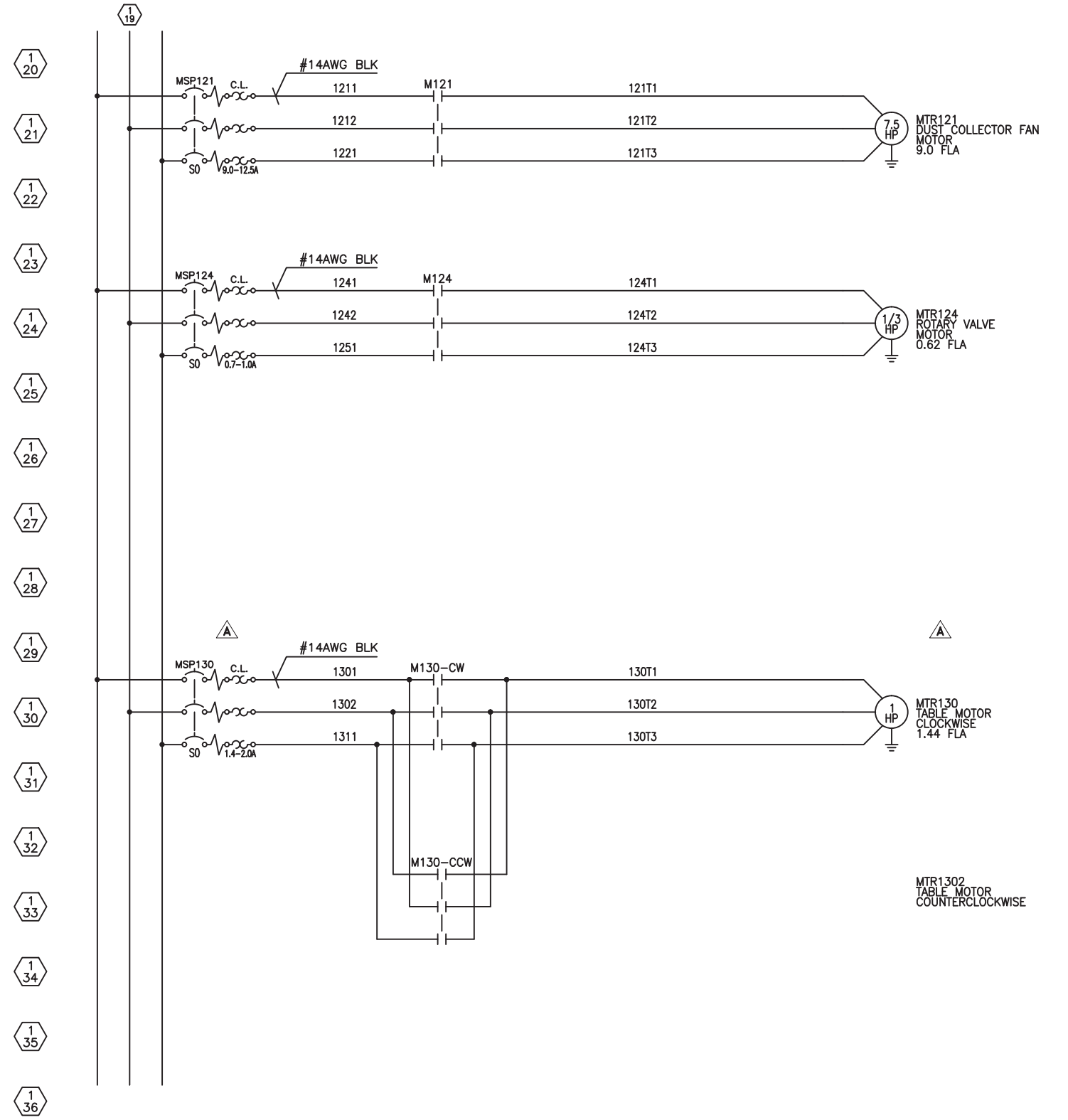
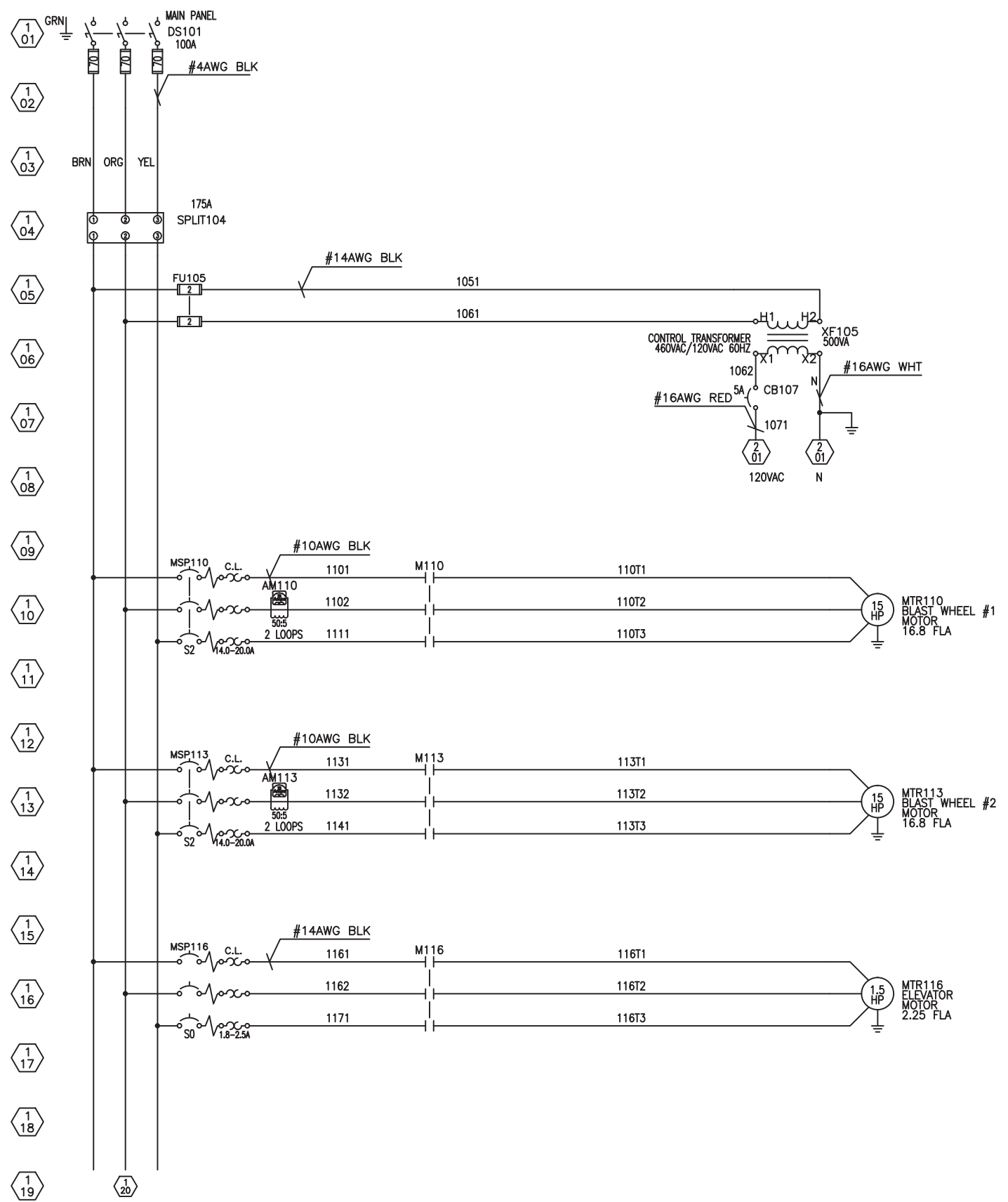
ROTARY VALVE ASSEMBLY
11 RPM, 1/3 HP EURO DRIVE

460/3/60

GROUP: 30 WEIGHT: 1 CREATED BY: H HOLLERHOEK SHEET OF: DATE: 14 JAN 1993

PROJECT: A1-13936 COPY OF: C45342 PNC: A1-13936

CUSTOMER SUPPLY
460VAC 3 ϕ 60Hz



| NAME PLATE DATA | |
|-----------------|-----------------|
| MODEL: A3-60383 | SERIAL: 3818 |
| VOLTS: 460 | CONTROL: 24VDC |
| HP: 40 | kW: 30 |
| CYCLES: 60 | AMPS: 46.4 |
| SCCR: 65,000 | WIRETEMP: 90 °C |
| AS BUILT | |

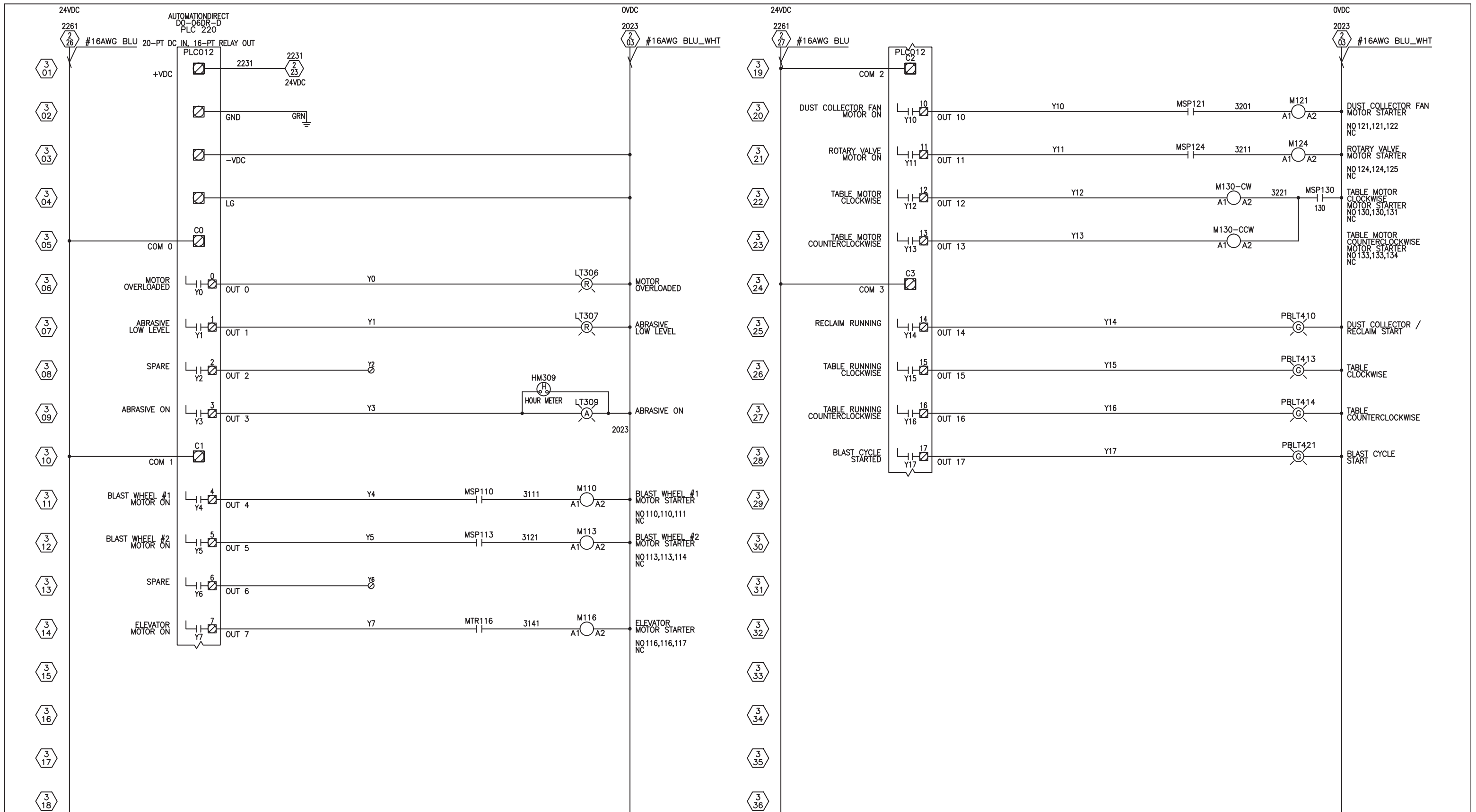
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ELECTRICAL CONTROL PANELS
POWER SCHEMATIC
J3818 UNARCO

wheelabrator
GROUP

| | | |
|---------------------|----------------|------------------------|
| DATE 22 MAR 2011 | DRAWN PAPPV | COPY OF - |
| GROUP 96 | SCALE FULL | DRAWING NO A3-60384 |
| REV 0 | WEIGHT - | |

| REV | DATE | DESCRIPTION | BY |
|-----|----------|------------------------|----|
| A | 07/12/11 | CHANGED TABLE MOTOR HP | VP |

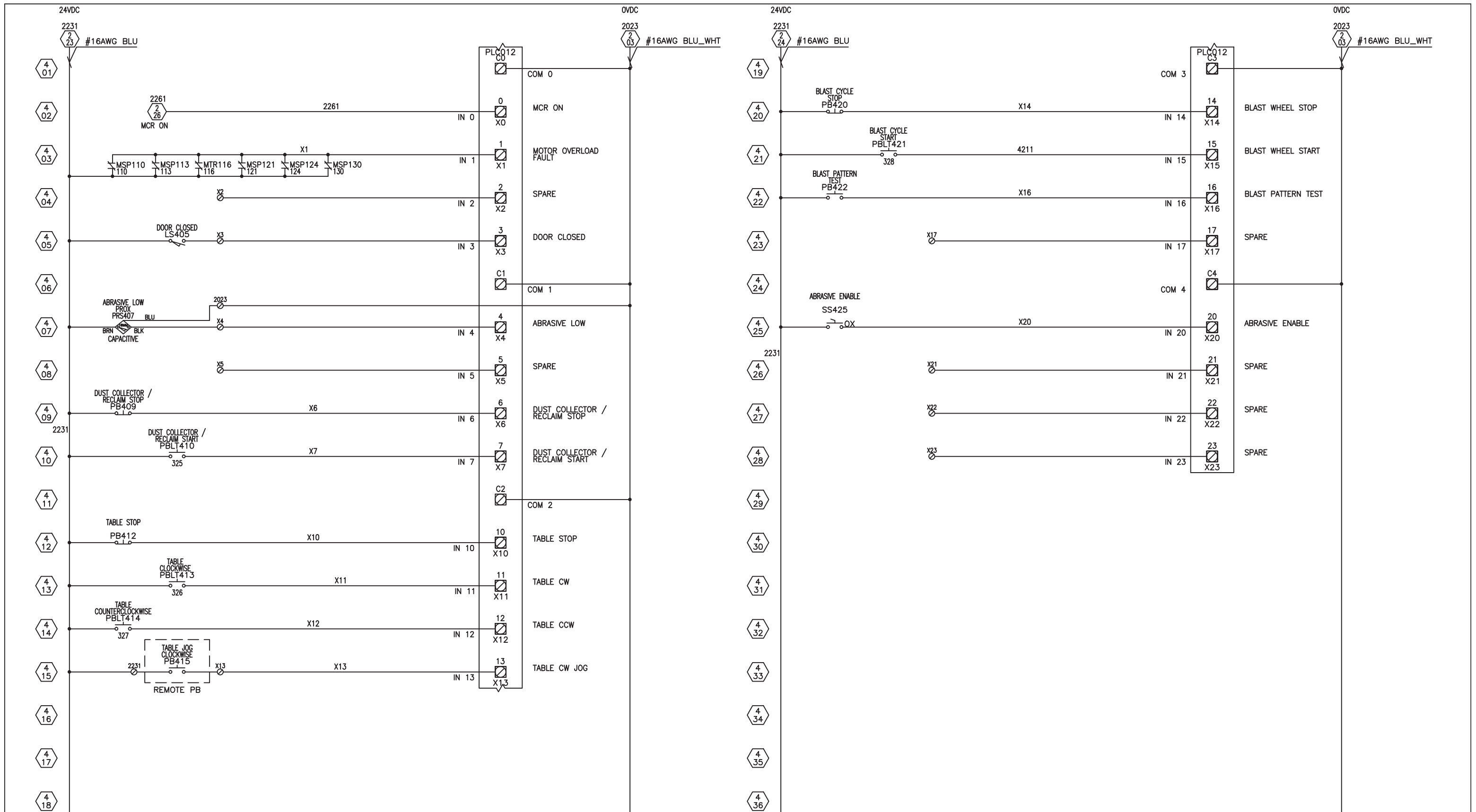


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| | | | | | |
|----------|-------------------------------------------------------------------|---------------|------------------------|----------------|--------------|
| AS BUILT | ELECTRICAL CONTROL PANELS CONTROL SCHEMATIC #2 J3818 UNARCO | | DATE 22 MAR 2011 | DRAWN PAPPV | COPY OF - |
| | GROUP 96 | SCALE FULL | DRAWING NO A3-60386 | REV 0 | WEIGHT - |

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
| | | | |



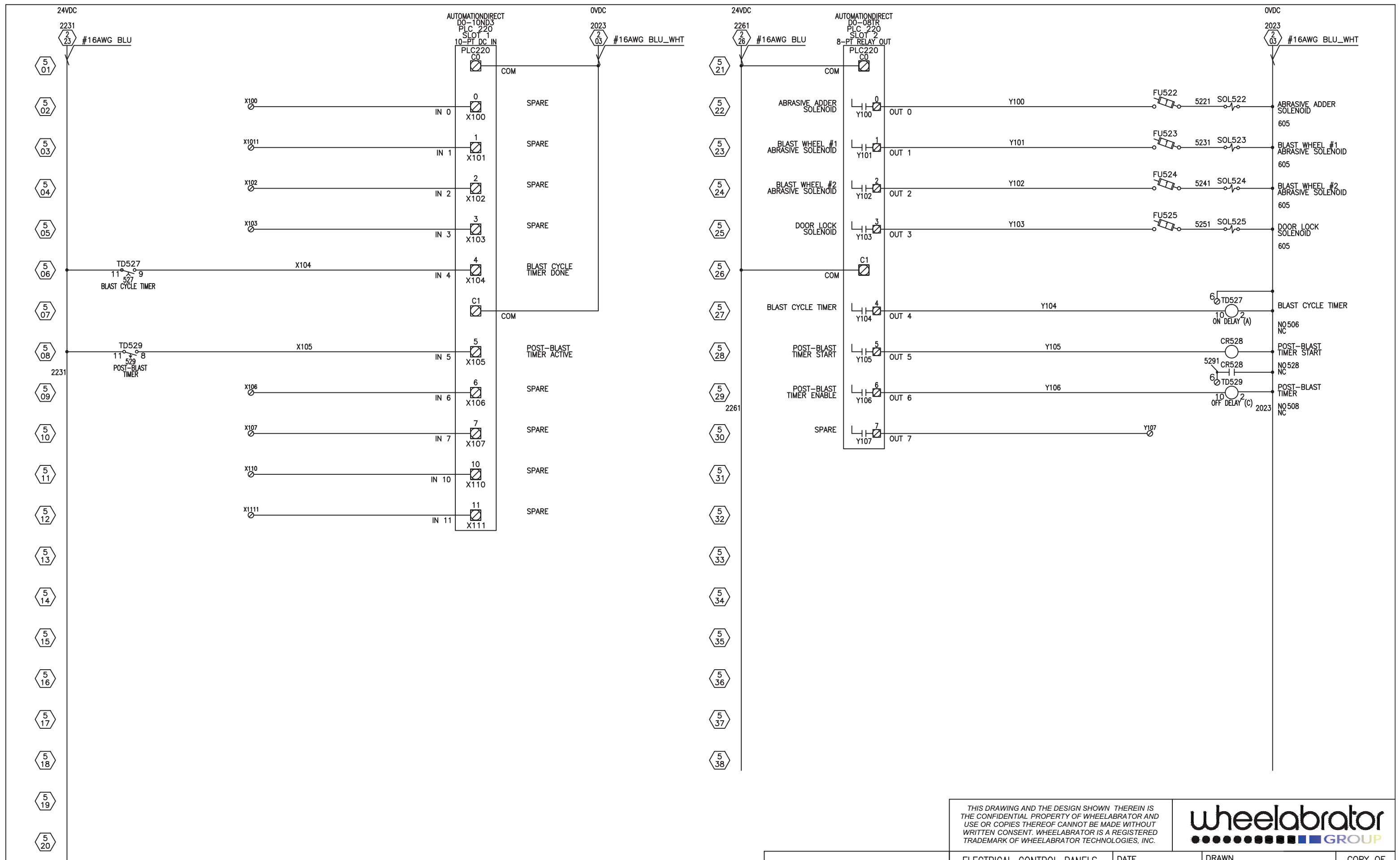
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AS BUILT

| | | | | | |
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| ELECTRICAL CONTROL PANELS CONTROL SCHEMATIC #3 J3818 UNARCO | | DATE 22 MAR 2011 | DRAWN PAPPV | | COPY OF - |
| GROUP 96 | SCALE FULL | DRAWING NO A3-60387 | REV 0 | WEIGHT - | |

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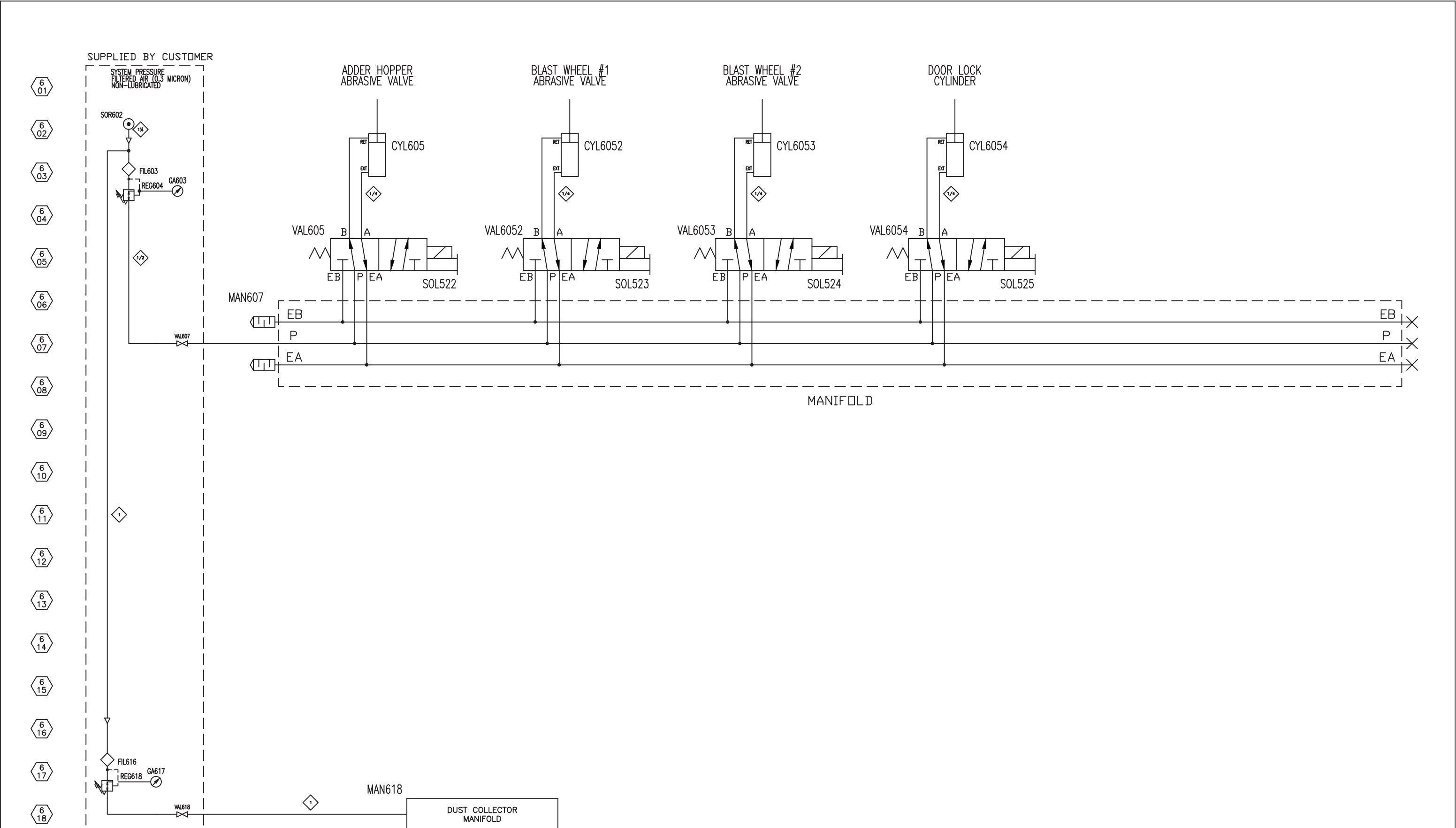
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wheelabrator
GROUP

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| ELECTRICAL CONTROL PANELS CONTROL SCHEMATIC #4 J3818 UNARCO | | DATE 22 MAR 2011 | DRAWN PAPPV | COPY OF - |
| GROUP 96 | SCALE FULL | DRAWING NO A3-60388 | REV 0 | WEIGHT - |



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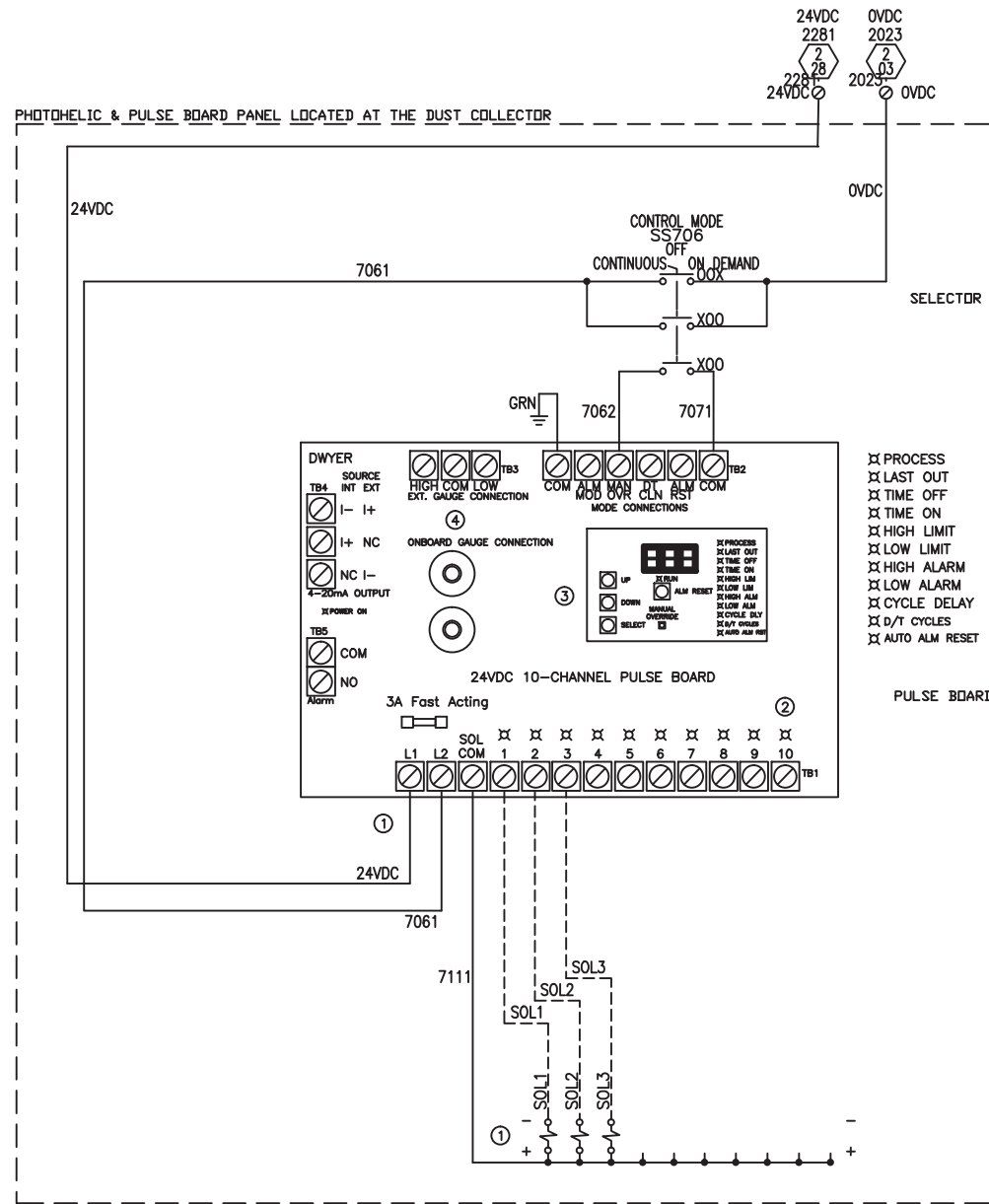


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| ELECTRICAL CONTROL PANELS PNEUMATIC SCHEMATIC J3818 UNARCO | | DATE 22 MAR 2011 | DRAWN PAPPV | COPY OF - |
| GROUP 96 | SCALE FULL | DRAWING NO A3-60389 | REV 0 | WEIGHT - |

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10-CHANNEL PULSE BOARD AND PHOTOHELIC CONNECTION FOR DUST COLLECTOR



NOTES:

1. ALWAYS ON 24VDC & 0VDC IS REQUIRED ON TIMERBOARD AND THE SOLENOID COMMON IS INTERNAL. WIRE ALL SOLENOID "+" CONNECTIONS TO THE COM OF BOARD AND CONNECT THE SOLENOID "-" TO THE SOLENOID OUTPUT TERMINAL. DO NOT CONNECT AN INDEPENDENT COMMON TO THE BOARD "COM"
2. WIRING DIRECTLY FROM PULSE BOARD OUTPUTS TO DUST COLLECTOR SOLENOIDS.
3. CONFIGURE SETUP TO THE QUANTITY OF VALVES USED AND TIME DELAYS ON/OFF FOR PULSES
4. **HIGH SET POINT:** WHEN GAUGE REACHES HIGH SET POINT, PULSE BOARD STARTS PULSING (CLEANING) EACH SOLENOID UP TO THE TERMINATED VALVE.
LOW SET POINT: WHEN GAUGE REACHES LOW SET POINT, PULSE BOARD CONTINUES THE CURRENT CYCLE UP TO THE TERMINATED VALVE AND THEN STOPS.

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ELECTRICAL CONTROL PANELS
PHOTOHELIC CONTROLS
J3818 UNARCO

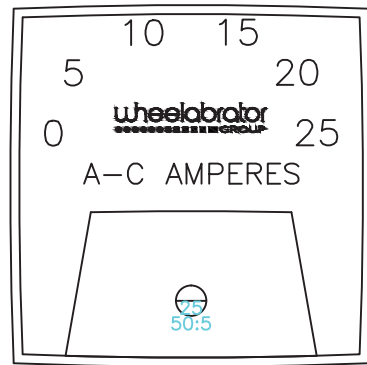
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| GROUP 96 | SCALE FULL | DRAWING NO A3-60390 | REV 0 | WEIGHT - | |

| REV | DATE | DESCRIPTION | BY |
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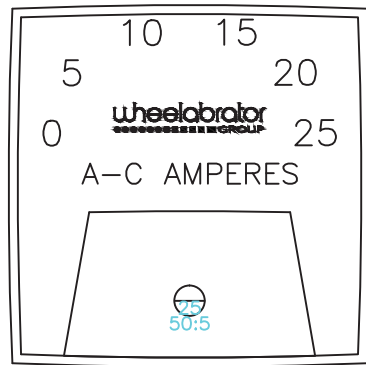
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BLAST WHEEL #1
AMPS

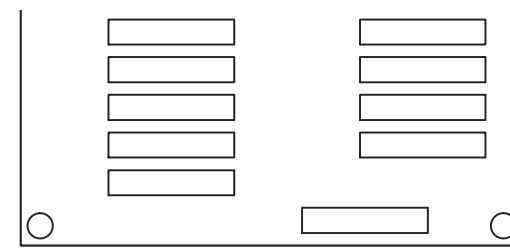


AM110

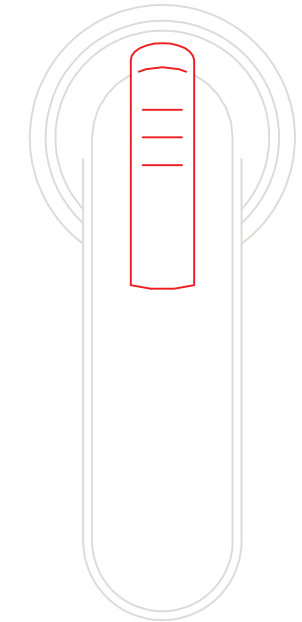
BLAST WHEEL #2
AMPS



AM113

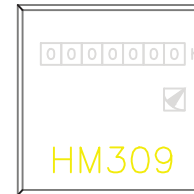


OFF

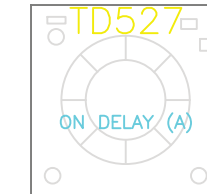


ON

ABRASIVE HOURS



BLAST CYCLE
TIMER



MOTOR
OVERLOADED



LT306

ABRASIVE
LOW LEVEL



LT307

DUST COLLECTOR /
RECLAIM START



PBLT410

TABLE
CLOCKWISE



PBLT413

TABLE
COUNTERCLOCKWISE



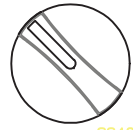
PBLT414

CONTROL POWER
ON



PBLT217

ABRASIVE
DISABLE ENABLE



SS425

DUST COLLECTOR /
RECLAIM STOP



PB409

TABLE STOP



PB412

CONTROL POWER
OFF



PB2172

BLAST CYCLE
START



PBLT421

ABRASIVE ON



LT309

BLAST CYCLE
STOP

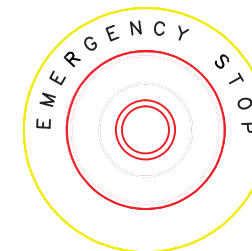


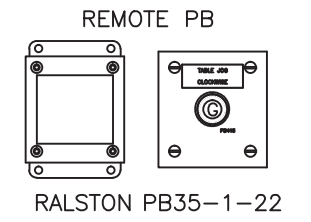
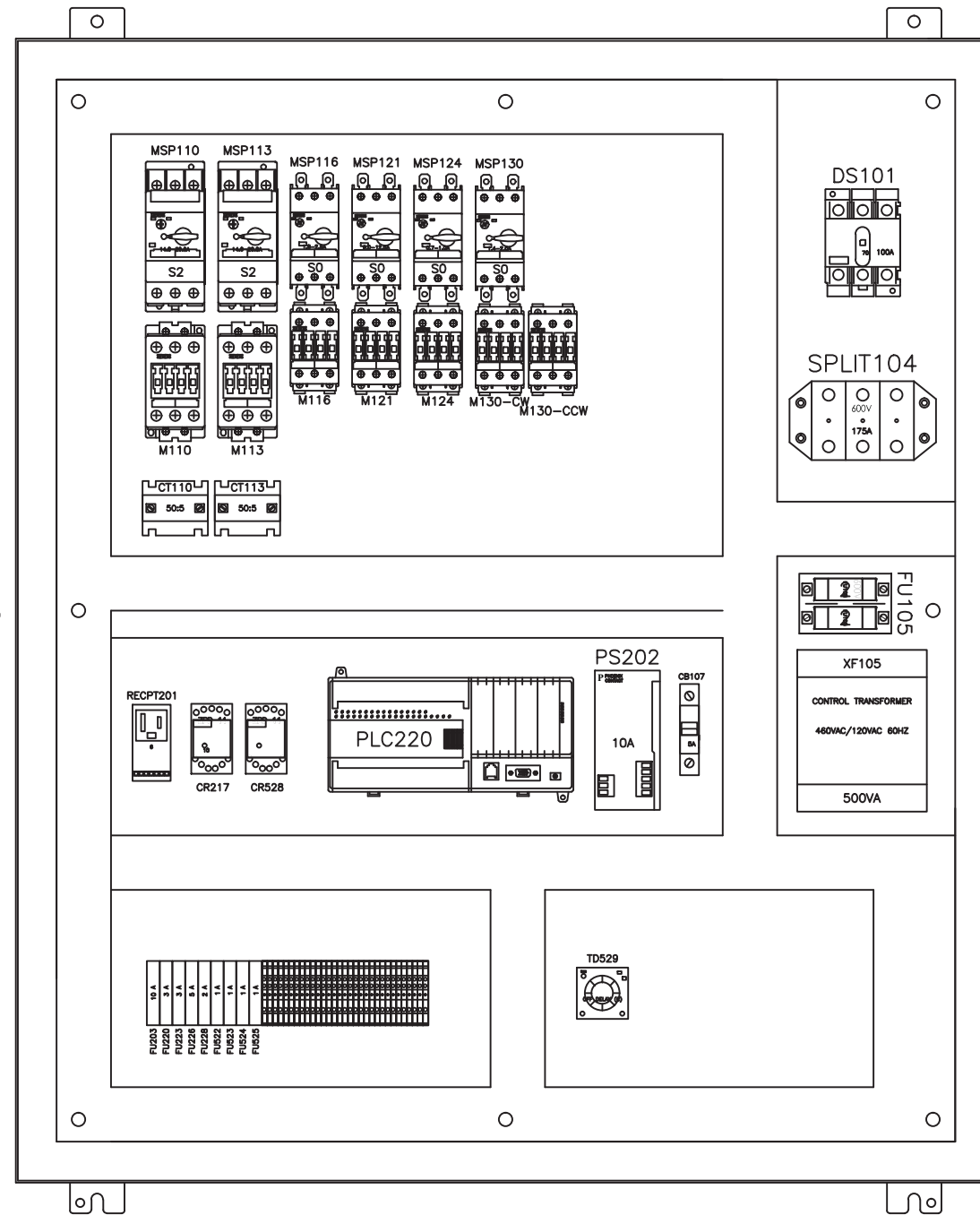
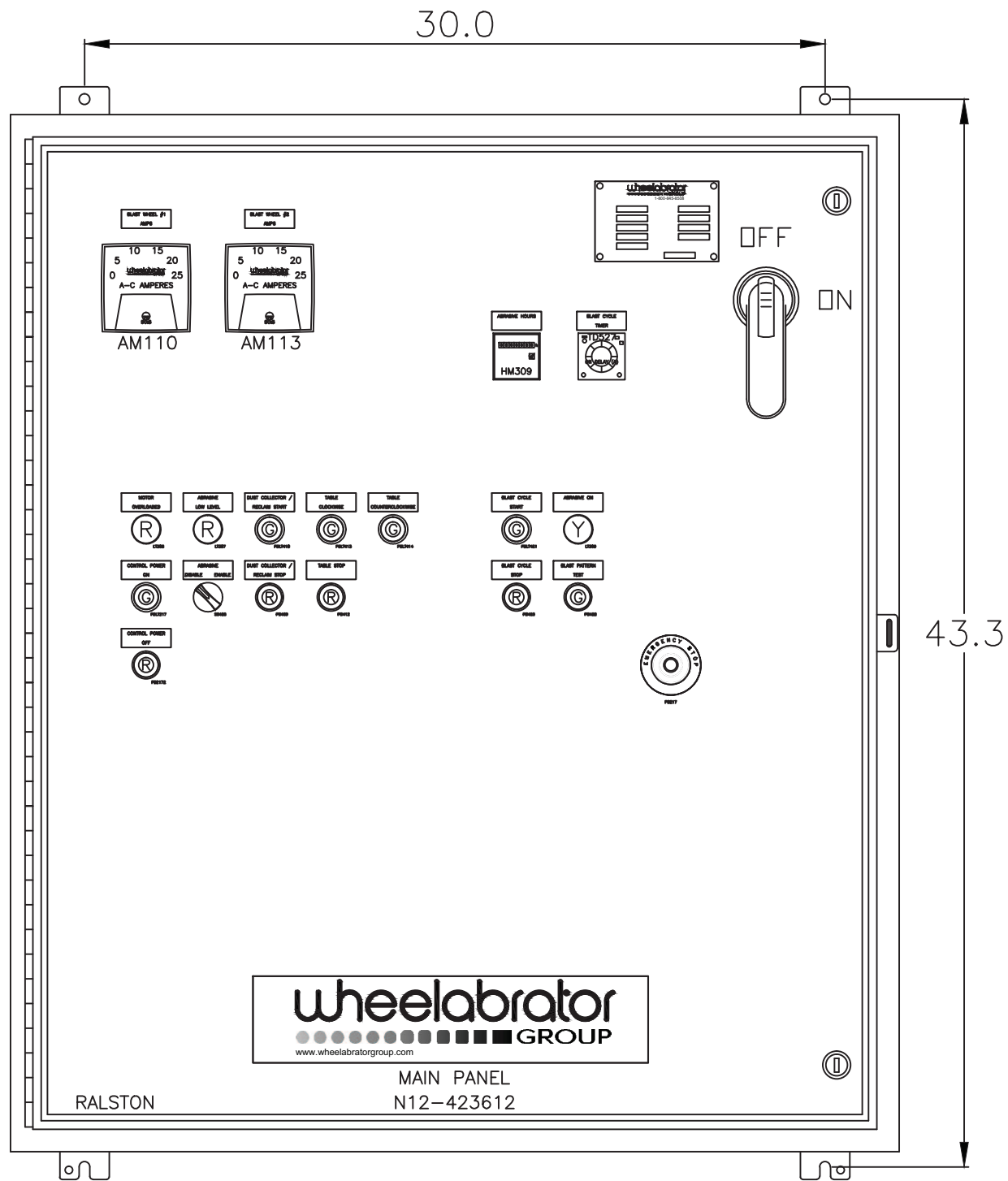
PB420

BLAST PATTERN
TEST



PB422





| REV | DATE | DESCRIPTION | BY |
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ELECTRICAL CONTROL PANELS
MAIN PANEL LAYOUT
J3818 UNARCO

wheelabrator
GROUP

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|---------------------|----------------|------------------------|
| DATE 22 MAR 2011 | DRAWN PAPPV | COPY OF - |
| GROUP 96 | SCALE FULL | DRAWING NO A3-60392 |
| | REV 0 | WEIGHT - |