

# ***FALLAS***

## ***automation***



***Case Packing Solutions  
for People Who Aren't Into Compromise.***



### **Fallas Philosophy**

The Fallas Philosophy is to retain our leadership in the case packing industry. Always seeking new ways to improve our case packing systems through technology, continuous innovation and customer involvement.

Our Goal. To build machines that can adapt to years of change, withstand three-shift abuse and keep on running when others have failed.

Today, Fallas Automation remains the only case packer manufacturer started by an engineer who originally worked on the customer's side of the business.

“For almost 30 years we've listened to your requirements for simple compact, lower-cost case packers and equipment. Here is the result: The kind of machines you'd build yourself if you had the time and resources.” David Fallas

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**Sales,** - During the diagnostic sales process you will work with qualified engineers to help determine your needs. To come up with sophisticated yet simple solutions to your company requirements. We offer systems from the bagger drop tube or exit of the cartoner etc. to the infeed of the palletizer if need be. Single machines are offered as well.

**After the sale,** - Fallas initiates a regimented schedule of events which results in on time delivery of all equipment and components. Our engineering team will stay in direct contact with your project leaders during the entire process. The system is assembled and integrated at our facility as it would be in your plant. We then fully test and document all your products required to run on that line. Complete changeover and training lists are generated for all your products. One week before shipping, your company is invited to Fallas for factory acceptance testing (FAT). Systems are rigorously tested prior to the FAT. Bring as many as you need and stay as long as you need. This process results in shorter installation and startup curves. There is always an open invitation before, during and at any stage of the project to send your personnel to our facility.

**After the delivery,** - Fallas will assist your teams in the reassembly of your system if required. A Fallas Service Technician will be at your facility for training and startup. Typical startup and training for a single system is 1 week but can be longer depending on your needs. Fallas Automation fully supports their equipment throughout the life of the units. We have many systems in the field over 27 years old.

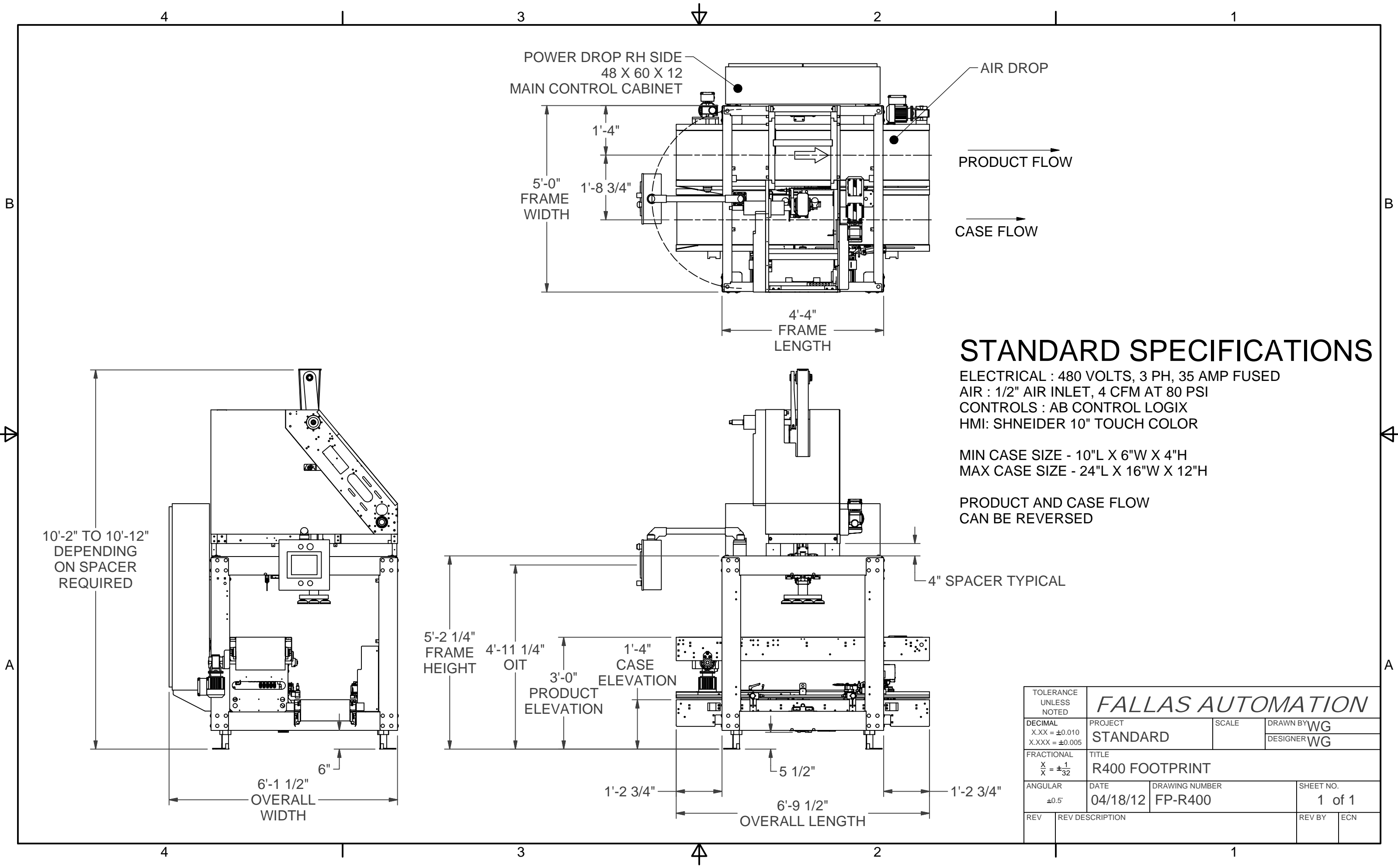
Chris Calabrese  
Sales Manager

### **Some Bullet Points for Fallas Machinery:**

- 1) Machines are available with stainless steel construction, washdown bearings and washdown rated motors from the product conveyor to the floor.
- 2) Many options are included as standard on Fallas Equipment - Lexan guarding, full work cell system integration & training/setup documentation
- 3) Machine changeover times are less than 5 minutes in most cases.
- 4) Complete systems are delivered plug and play, installation is simple.
- 5) Startup and training curves are greatly reduced due to our extensive testing at Fallas Automation before we ship.
- 6) All controls and mechanical parts are common and can be purchased at your local motion control provider. Fallas machined parts are available from stock or have a very quick turnaround time with our in-house machine shop dedicated to spares.
- 7) Machines are built to withstand 3 shift abuse, 7 days a week, 365 days per year and carry a full one year warranty.
- 8) Fallas technical support continues for the life of the machine. Many of our machines sold 22 years ago are still in operation today. We have retrofit kits for servo motors that have been outdated or discontinued and overhaul services for some vintage machinery. Our service department has over 50 combined years of experience with Fallas machinery and are all employees of Fallas Automation.
- 9) When we come across improvements and upgrades to machines, older equipment is always taken into consideration.

## Fallas Automation Latest Customer List Updated – 10-15-08

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <p>A. ZEREGA'S - PASTA<br/> ADM - POWDERS - I.Q.F - MEAT PRODUCTS<br/> ADVANCED FOOD PRODUCTS - LIQUID CHEESE<br/> AGRALINK - I.Q.F. VEGETABLES<br/> ANN'S HOUSE OF NUTS - NUTS<br/> ARROW INDUSTRIES - BEANS - POPCORN - RICE<br/> AMERICAN ITALIAN PASTA – PASTA<br/> AMERICAN SUGAR REFINERY - SUGAR<br/> ASSOCIATED MILK PRODUCERS - CHEESE<br/> AUSTIN FOODS - CRACKERS<br/> BAKERY CHEF - PANCAKES - WAFFLES<br/> BARRY CALLEBAUT - CHOCOLATE MORSELS<br/> BASIC AMERICAN FOODS - INSTANT POTATOES<br/> BASIC VEGETABLE PRODUCTS – DEHY. ONIONS<br/> BESTSWEET – CANDY<br/> BONDUELLE – I.Q.F VEGETABLES<br/> BORDEN PASTA - PASTA<br/> BRACH'S CONFECTIONS - CANDY<br/> C.H. GUENTHER - POWDER MIXES<br/> C &amp; H SUGAR - SUGAR<br/> C &amp; F FOODS – BEANS AND RICE<br/> CADBURY ADAMS - CHEWING GUM, CANDY<br/> COCA COLA - SOFT DRINKS<br/> COLONIAL SUGAR - SUGAR<br/> CONTESSA PREMIUM FOODS – READY TO EAT<br/> CRYSTAL FARMS - CHEESE<br/> DAISY BRAND - SOUR CREAM<br/> DAKOTA GROWERS - PASTA<br/> DOMINO SUGAR – SUGAR<br/> FOLGERS - COFFEE<br/> FRITO LAY - CHIPS<br/> GARDETTO'S - SNACKS<br/> GENERAL MILLS - I.Q.F. ENTREES, CEREAL<br/> GIANT SNACKS – SUNFLOWER SEEDS<br/> GOETZE'S CANDY - CANDY<br/> GOODMAN PACKAGING - PACKAGING MACHINERY<br/> GORTONS - I.Q.F. FISH STICKS<br/> GREAT LAKES CHEESE - CHEESE<br/> GRIFFITH LABS - POWDERS<br/> H.E.B. SNACKS - CHIPS<br/> HEINZ FROZEN FOODS - I.Q.F.<br/> HERSHEY PASTA - PASTA<br/> HUISH - DETERGENTS<br/> ICELANDIC - FROZEN SEAFOOD<br/> IMPERIAL SUGAR - SUGAR<br/> JASPER WYMAN – I.Q.F<br/> JOSEPH GALLO FOODS - CHEESE<br/> KALKAN - DOG FOOD<br/> KANPAK, LLC – LIQUIDS<br/> KAYTEE – ANIMAL SNACKS<br/> KEEBLER - COOKIES<br/> KELLOGG'S - SNACKFOODS<br/> KRAFT FOODS - CHEESE, MARSHMALLOWS, MEAT<br/> KROGER – CHEESE PRODUCTS<br/> LAKESIDE FOODS - I.Q.F. VEGETABLES<br/> LAMB WESTON - I.Q.F. FRENCH FRIES<br/> LUCERNE FOODS - I.Q.F. VEGETABLES<br/> MASTERFOODS - CANDY<br/> McCORMICK - POUCHES<br/> M.G.WALDBAUM - LIQUID EGGS<br/> MASTERS GALLERY – CHEESE<br/> MARATHON CHEESE - CHEESE<br/> MAXWELL HOUSE – COFFEE</p> | <p>McCAIN FOODS - I.Q.F. VEGETABLES<br/> MICHAEL FOODS – EGGS<br/> MID AMERICA DAIRY – CHEESE<br/> MINUTE MAID - JUICE<br/> MR. DELL FOODS - I.Q.F. POTATOES<br/> MURRY'S - I.Q.F. MEATBALLS<br/> NABISCO - COOKIES - CANDY<br/> NATIONAL FROZEN FOODS - I.Q.F. VEGETABLES<br/> NESTLE FOODS – CANDY<br/> NEW WORLD PASTA – PASTA<br/> NORPAC FOODS - I.Q.F. VEGETABLES<br/> NORTHERN STAR - I.Q.F. POTATOES<br/> OMSTEAD FOODS – I.Q.F. BREADED FOODS<br/> ORAL-B - TOOTHBRUSHES<br/> ORE-IDA - TORTELLINI<br/> PACE DAIRY - CHEESE<br/> PARAMOUNT FARMS - ALMOUNDS<br/> PASTA MONTANA - PASTA<br/> PATERSON FROZEN FOODS - I.Q.F. VEGETABLES<br/> PEPPERIDGE FARM - CRACKERS<br/> PET INC. - FROZEN WAFFLES<br/> PICTSWEET FROZEN FOODS - I.Q.F. VEGETABLES<br/> PILLSBURY - FROZEN BISCUITS<br/> PIONEER FOODS - FLOUR<br/> PLANTATION FOODS - I.Q.F. TURKEY<br/> PORTION PAC - POWDERS<br/> PROCTER &amp; GAMBLE - COFFEE<br/> PRIMO FOODS - PASTA<br/> QUAKER OATS - CEREAL<br/> RECKITT &amp; COLEMAN - SAUCES<br/> RED GOLD - KETCHUP<br/> RESER'S FINE FOODS - POTATOES<br/> ROSINA FOODS - I.Q.F. MEAT<br/> SARA LEE - SALAD DRESSINGS<br/> SARGENTO FOODS - CHEESE<br/> SAVANNAH SUGAR - SUGAR<br/> SCHREIBER FOODS - CHEESE<br/> SENECA FOODS - I.Q.F. VEGETABLES<br/> SIMPLOT - I.Q.F. VEGETABLES<br/> STARBUCKS - COFFEE<br/> T. MARZETTI - SUACES<br/> TILLAMOOK - FINE CHEESE<br/> TOTAL LOGISTICS CONTROL – I.Q.F.<br/> TOOTSIE ROLL - CANDY<br/> TRIDENT SEAFOOD - FROZEN SEAFOOD<br/> TWIN CITY FOODS - I.Q.F. VEGETABLES<br/> TYSON FOODS - I.Q.F. CHICKEN<br/> U.S. SUGAR - SUGAR<br/> UNCLE BEN'S - RICE<br/> UNILEVER - TUBS OF FOOD<br/> VAN DE KAMP'S - I.Q.F. FRENCH TOAST<br/> VISTA BAKERY - COOKIES<br/> WESTERN SUGAR - SUGAR<br/> WHITE LILY - BISCUIT MIX<br/> VEMCO LTD. - KETCHUP<br/> VAN DRUNEN – FREEZE DRIED FOODS<br/> VEMCO - KETCHUP<br/> VENTURA FOODS - SALAD DRESSINGS<br/> V.I.P. FOODS - I.Q.F. VEGETABLES</p> |
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## STANDARD SPECIFICATIONS

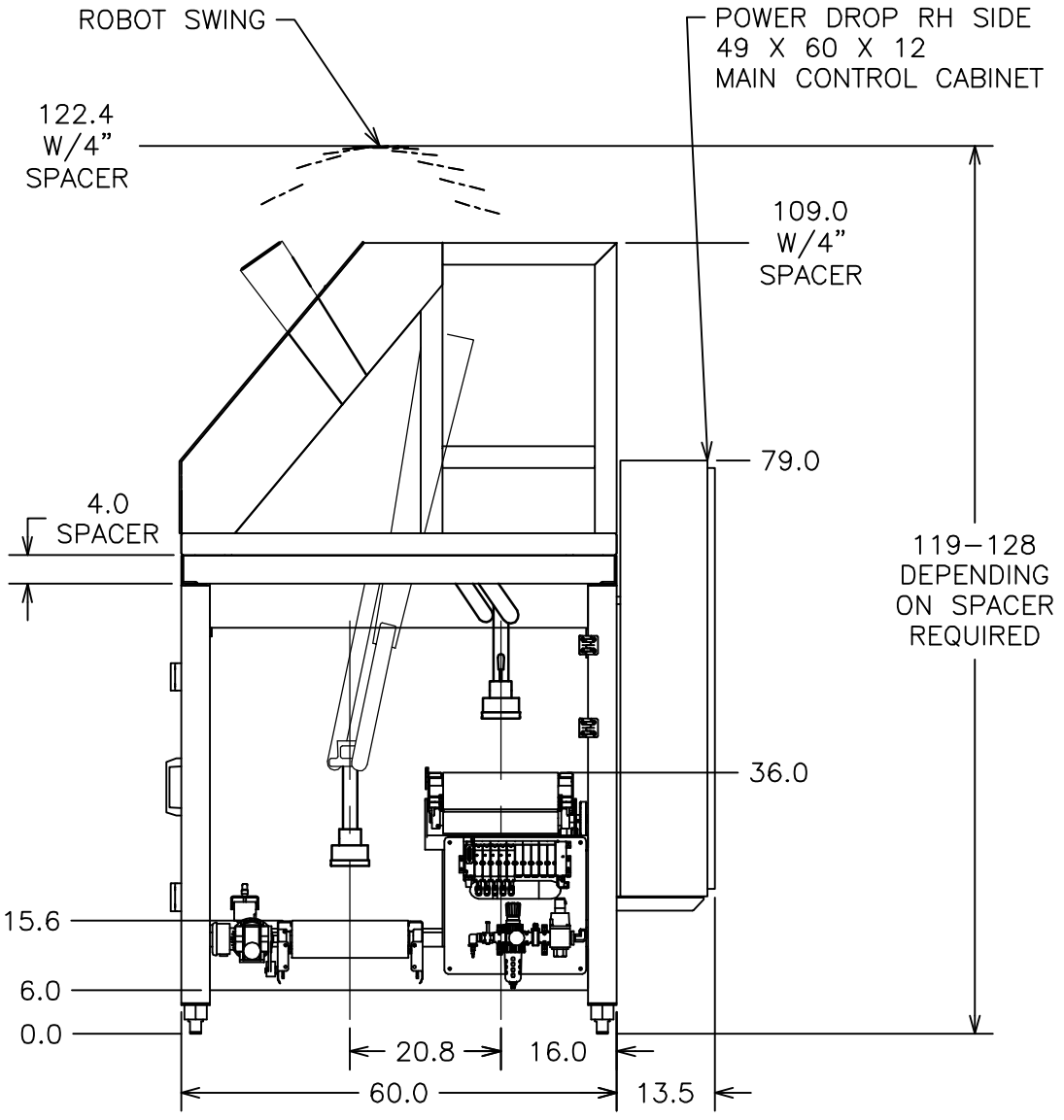
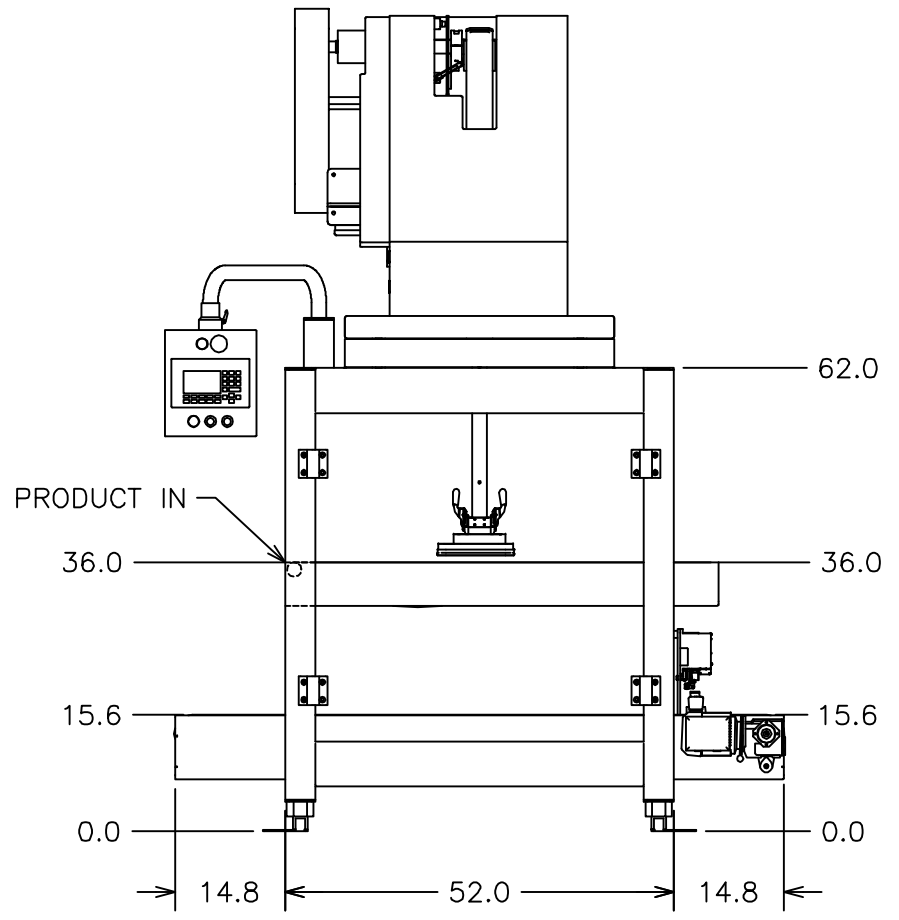
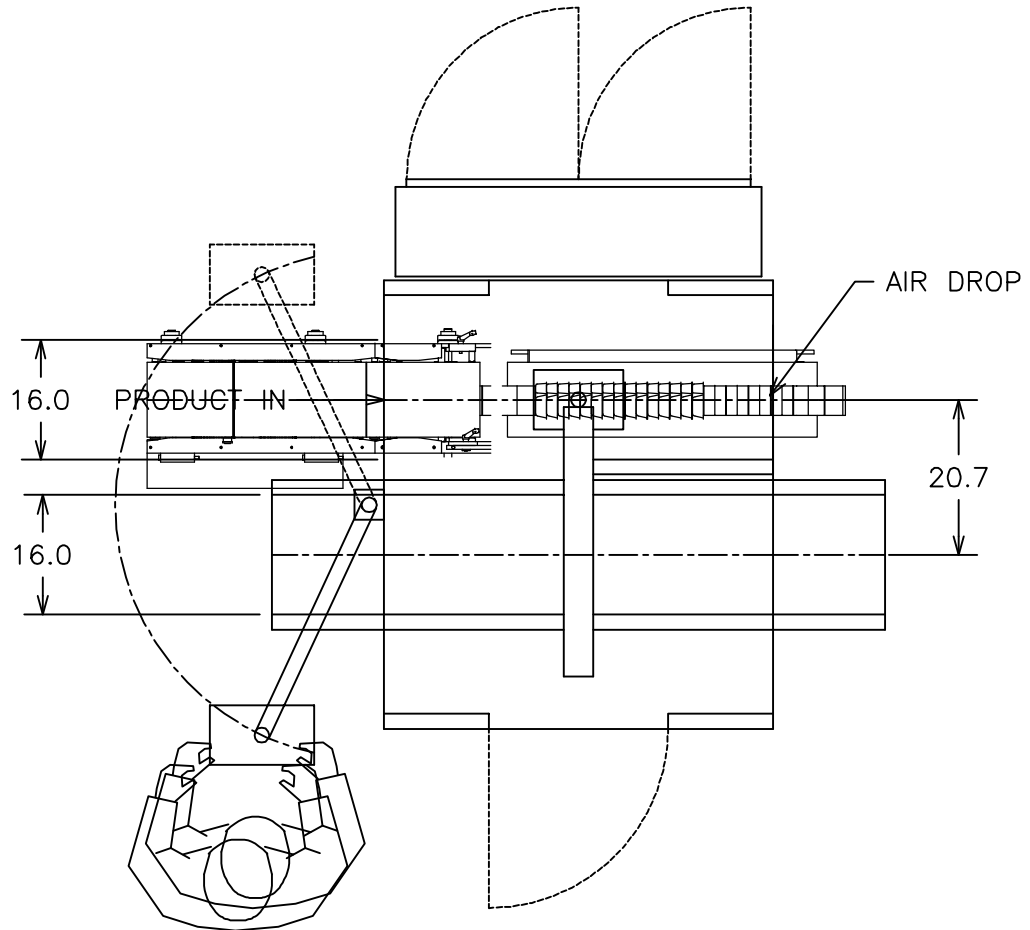
ELECTRICAL : 480 VOLTS, 3 PH, 35 AMP FUSED  
 AIR : 1/2" AIR INLET, 4 CFM AT 80 PSI  
 CONTROLS : AB CONTROL LOGIX  
 HMI: SHNEIDER 10" TOUCH COLOR

MIN CASE SIZE - 10"L X 6"W X 4"H  
 MAX CASE SIZE - 24"L X 16"W X 12"H

PRODUCT AND CASE FLOW  
 CAN BE REVERSED

|                                            |                                |                                  |                                  |
|--------------------------------------------|--------------------------------|----------------------------------|----------------------------------|
| TOLERANCE UNLESS NOTED                     |                                | <b>FALLAS AUTOMATION</b>         |                                  |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005 | PROJECT<br><b>STANDARD</b>     | SCALE                            | DRAWN BY<br>WG<br>DESIGNER<br>WG |
| FRACTIONAL<br>X/X = ±1/32                  | TITLE<br><b>R400 FOOTPRINT</b> |                                  |                                  |
| ANGULAR<br>±0.5°                           | DATE<br><b>04/18/12</b>        | DRAWING NUMBER<br><b>FP-R400</b> | SHEET NO.<br><b>1 of 1</b>       |
| REV                                        | REV DESCRIPTION                |                                  | REV BY ECN                       |

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| REV       | DESCRIPTION | Date | DR |
|           |             |      |    |



### STANDARD SPECIFICATIONS

ELECTRICAL : 480 VOLTS, 3 PH, 35 AMP FUSED  
 AIR : 1/2" AIR INLET, 4 CFM at 80 psi  
 CONTROLS : AB CONTROL LOGIX  
 OIT : AB

MIN CASE SIZE - 10"L X 6"W X 4"H  
 MAX CASE SIZE - 24"L X 16"W X 12"H

**FALLAS**  
**AUTOMATION, INC.**  
 7000 IMPERIAL DR.  
 WACO, TEXAS 76710  
 PHONE:(254)772-9524  
 FAX:(254)751-1242  
<http://www.fallasautomation.com>

FILE: R400-RT CASE PACKER  
 STANDARD HAND FLOOR PLAN

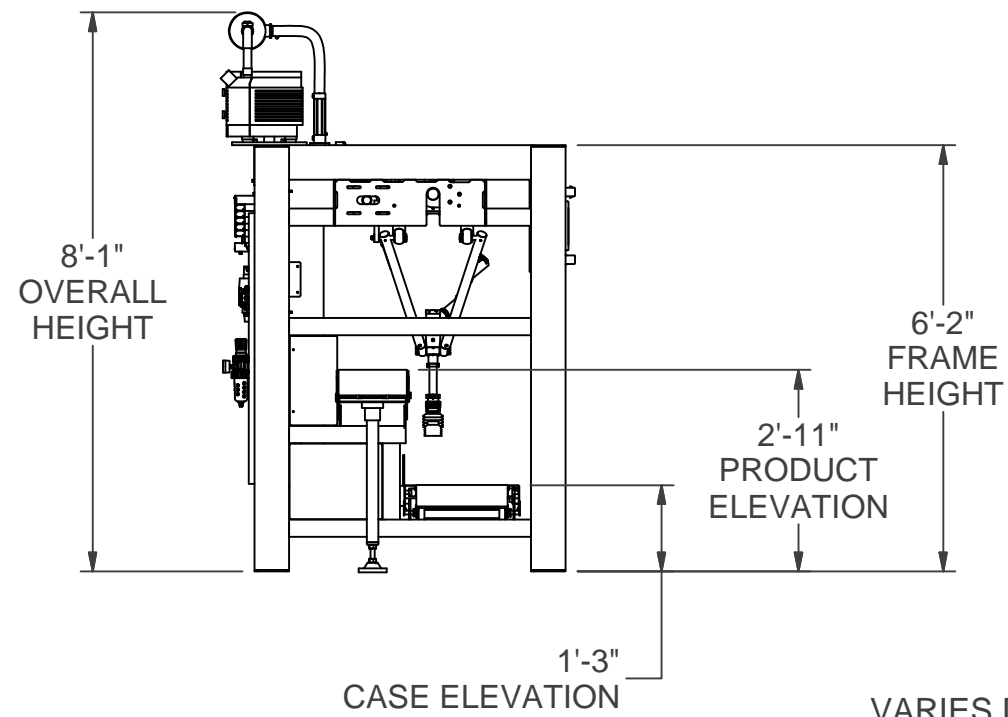
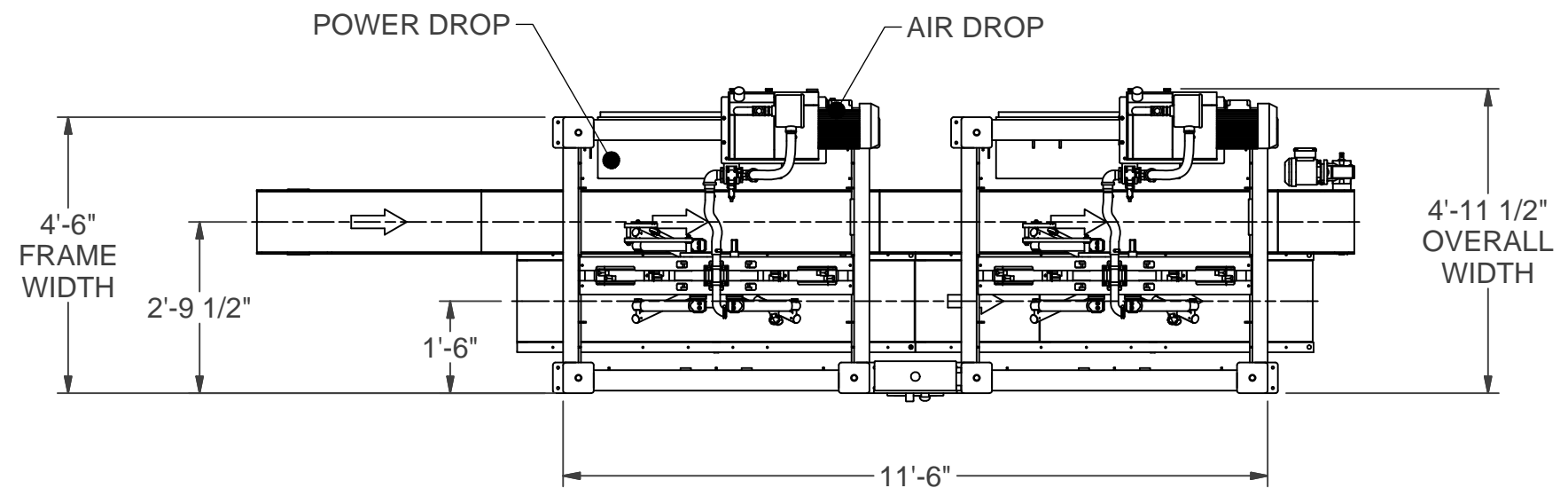
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|--------------------------|----------------|----------------|--------------|
| JOB#: N/A                | DATE: 08/27/02 | Scale: 1" = 1' | DRAWN BY: NG |
| SIZE: DWG NO.: D FP-0821 | SHEET: 01      | REV.: -        |              |

POWER REQUIRED:  
480 VAC, 3PH, 60 HZ  
FUSED AT 40 AMPS

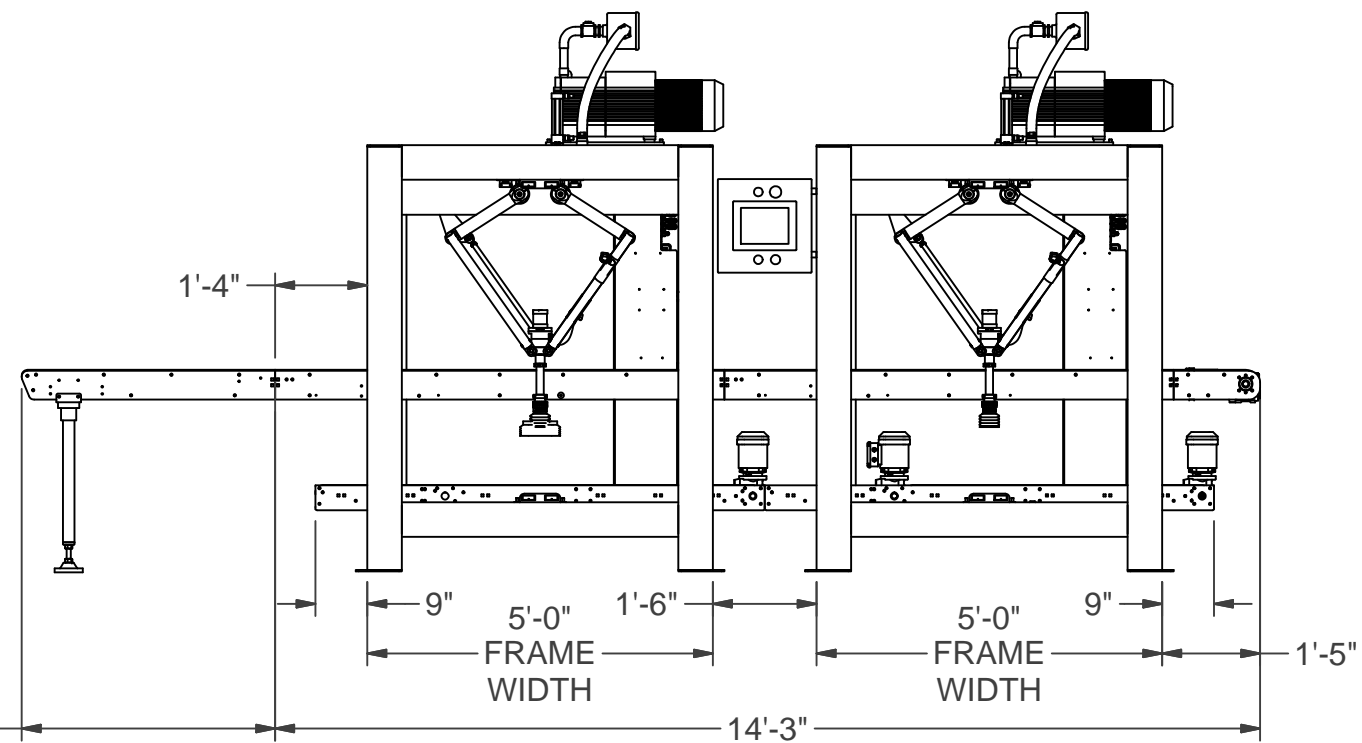
AIR REQUIRED:  
5CFM @ 80 PSI

SPEEDS:  
80 PICKS PER MINUTE PER ROBOT,  
DEPENDING UPON WEIGHT  
HIGHER SPEEDS POSSIBLE,  
CONSULT ENGINEERING

CASES AND PRODUCT CAN ENTER  
FROM EITHER DIRECTION



VARIES DEPENDING  
ON LAYOUT



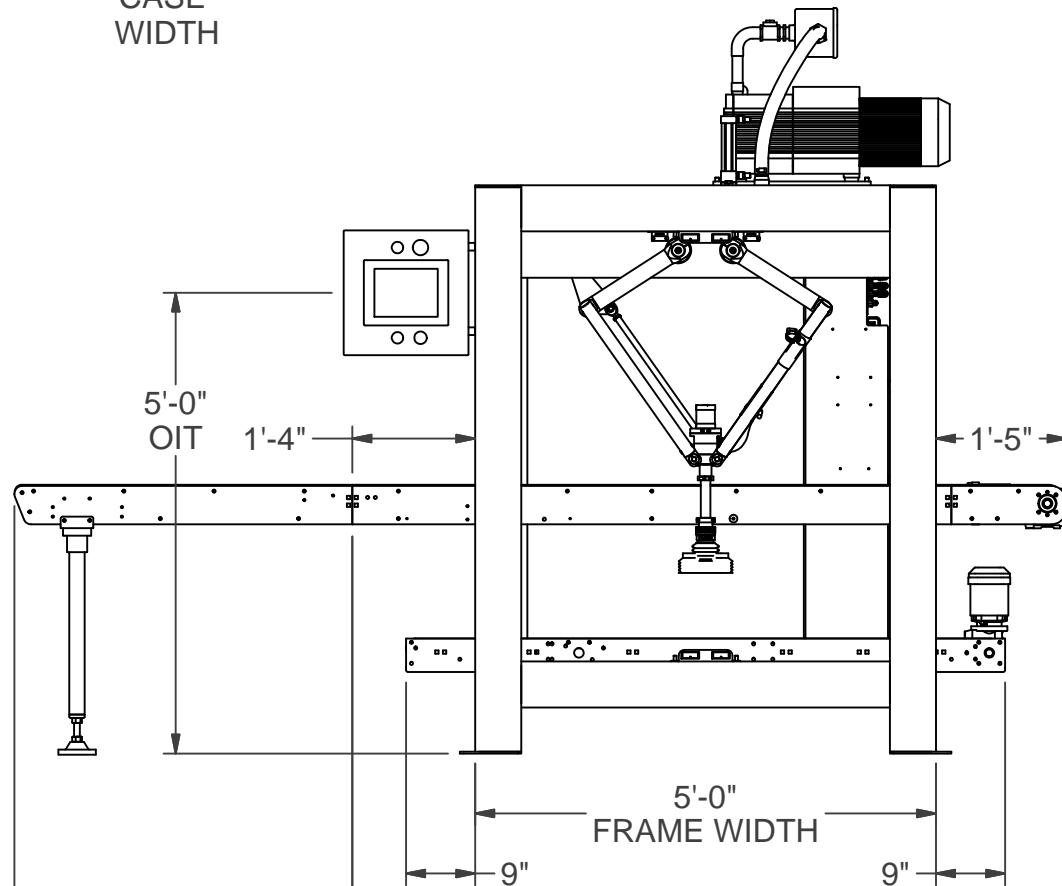
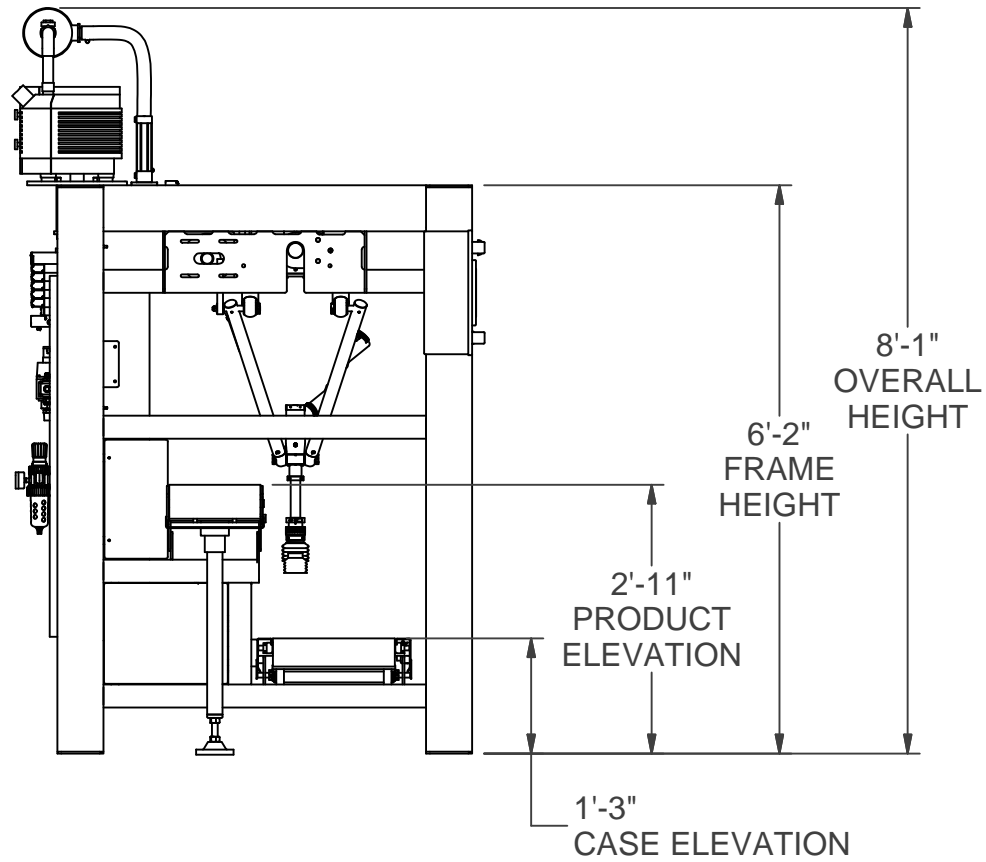
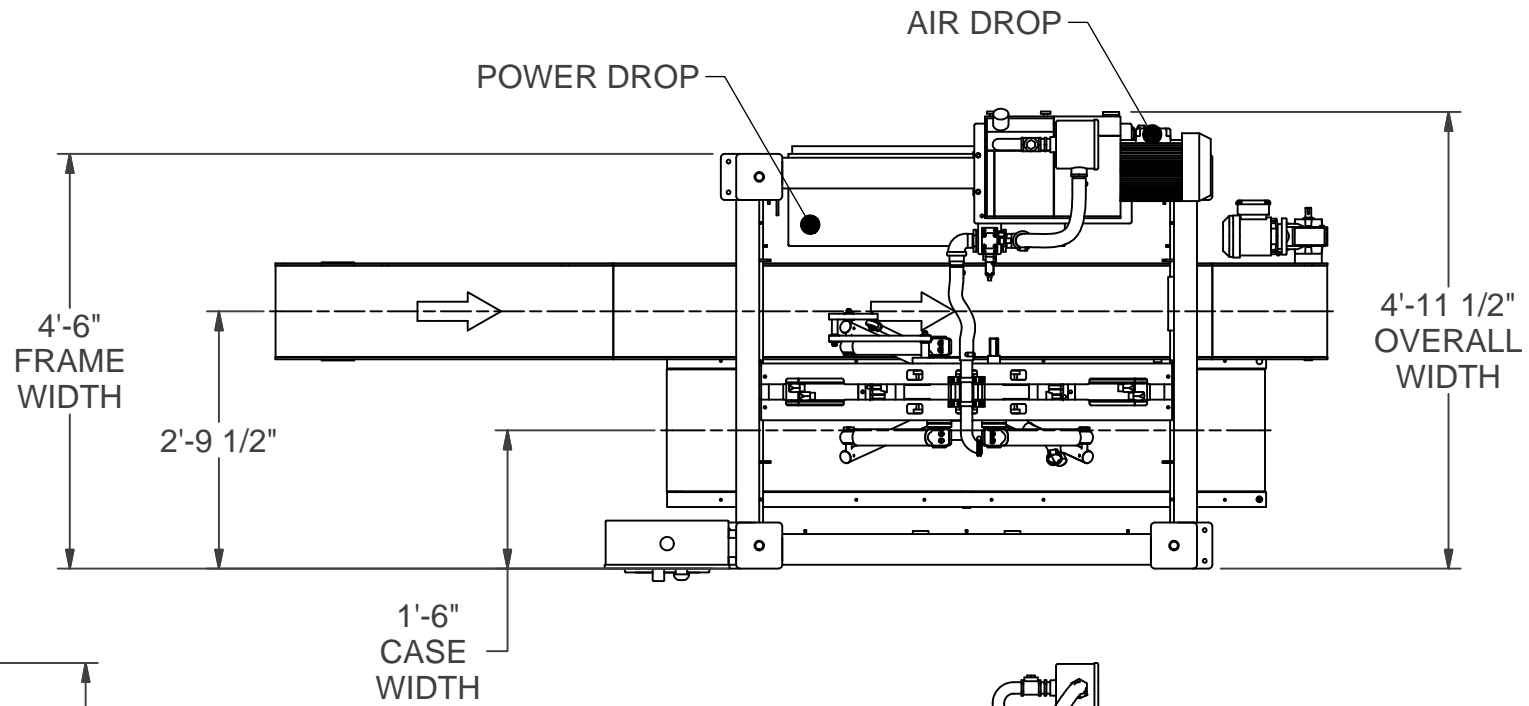
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|------------------------------------------------|--------------------------------------|---------------------------------------|------------------------------------------|
| TOLERANCE<br>UNLESS<br>NOTED                   |                                      | <b>FALLAS AUTOMATION</b>              |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                              | SCALE                                 | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>R-700 TWIN FOOTPRINT</b> |                                       |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/18/12</b>              | DRAWING NUMBER<br><b>FP-R700-TWIN</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                      |                                       | REV BY<br>ECN                            |

POWER REQUIRED:  
480 VAC, 3PH, 60 HZ  
FUSED AT 40 AMPS

AIR REQUIRED:  
5CFM @ 80 PSI

SPEEDS:  
80 PICKS PER MINUTE PER ROBOT,  
DEPENDING UPON WEIGHT  
HIGHER SPEEDS POSSIBLE,  
CONSULT ENGINEERING

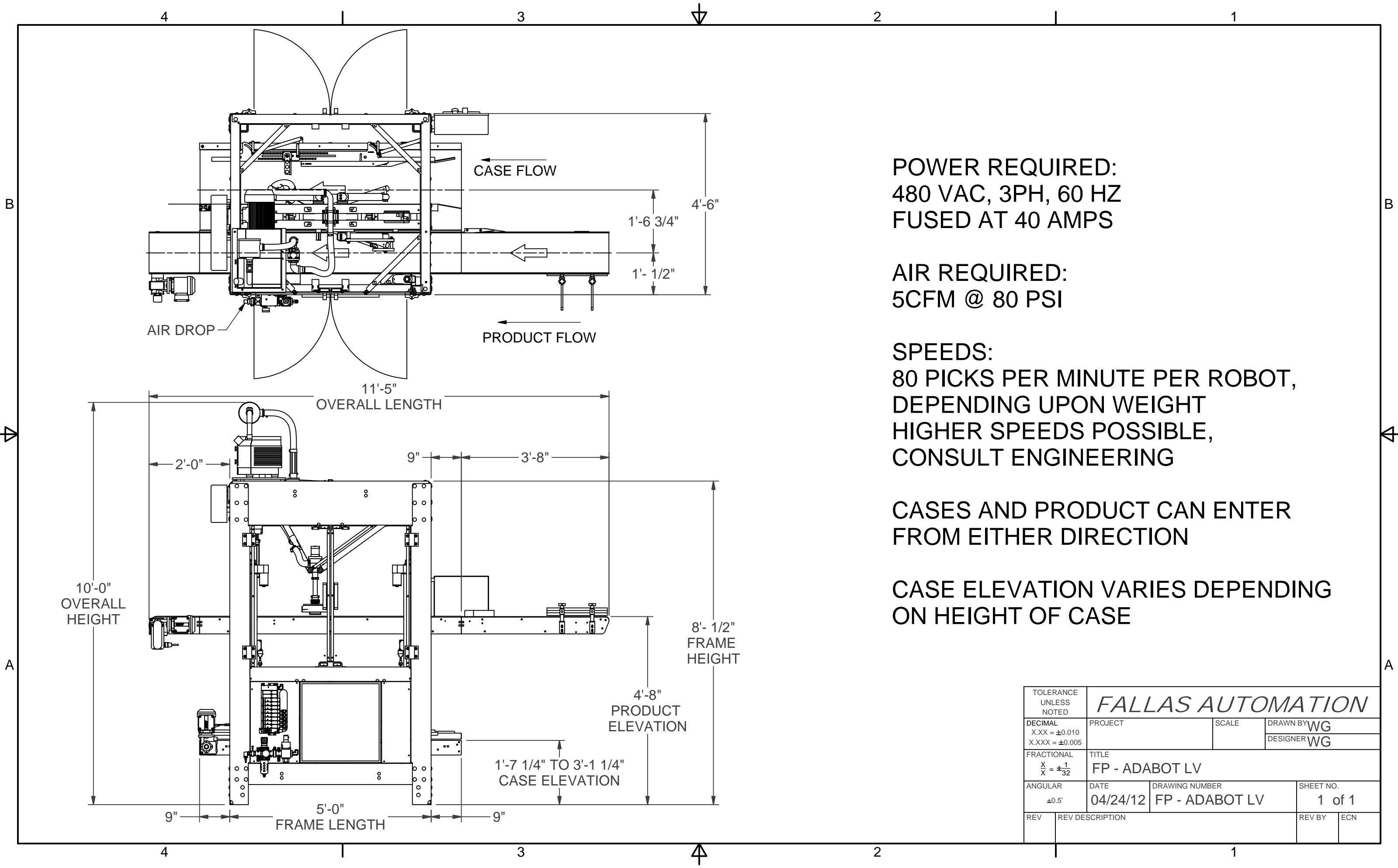
CASES AND PRODUCT CAN ENTER  
FROM EITHER DIRECTION



VARIES DEPENDING  
ON LAYOUT

|                                                |                                        |                                         |                            |
|------------------------------------------------|----------------------------------------|-----------------------------------------|----------------------------|
| TOLERANCE UNLESS NOTED                         |                                        | <b>FALLAS AUTOMATION</b>                |                            |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                                | SCALE                                   | DRAWN BY <b>WG</b>         |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>R-700 SINGLE FOOTPRINT</b> |                                         | DESIGNER <b>WG</b>         |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/18/12</b>                | DRAWING NUMBER<br><b>FP-R700-SINGLE</b> | SHEET NO.<br><b>1 of 1</b> |
| REV                                            | REV DESCRIPTION                        |                                         | REV BY ECN                 |





**POWER REQUIRED:**  
 480 VAC, 3PH, 60 HZ  
 FUSED AT 40 AMPS

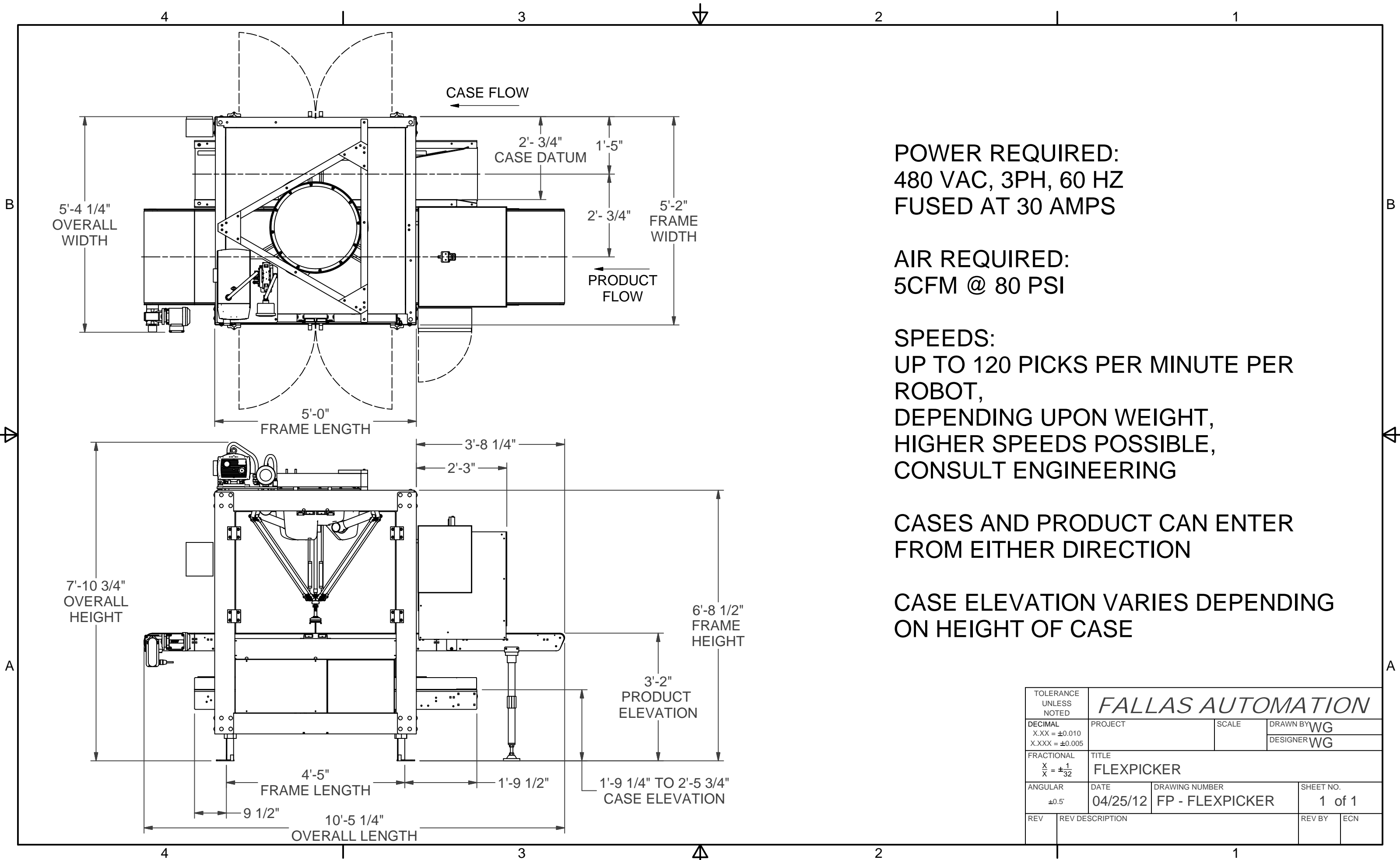
**AIR REQUIRED:**  
 5CFM @ 80 PSI

**SPEEDS:**  
 80 PICKS PER MINUTE PER ROBOT,  
 DEPENDING UPON WEIGHT  
 HIGHER SPEEDS POSSIBLE,  
 CONSULT ENGINEERING

**CASES AND PRODUCT CAN ENTER  
 FROM EITHER DIRECTION**

**CASE ELEVATION VARIES DEPENDING  
 ON HEIGHT OF CASE**

|                                                |                                |                                         |                                          |
|------------------------------------------------|--------------------------------|-----------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                | <b>FALLAS AUTOMATION</b>                |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                        | SCALE                                   | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>FP - ADABOT LV</b> |                                         |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/24/12</b>        | DRAWING NUMBER<br><b>FP - ADABOT LV</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                |                                         | REV BY<br>ECN                            |



**POWER REQUIRED:**  
 480 VAC, 3PH, 60 HZ  
 FUSED AT 30 AMPS

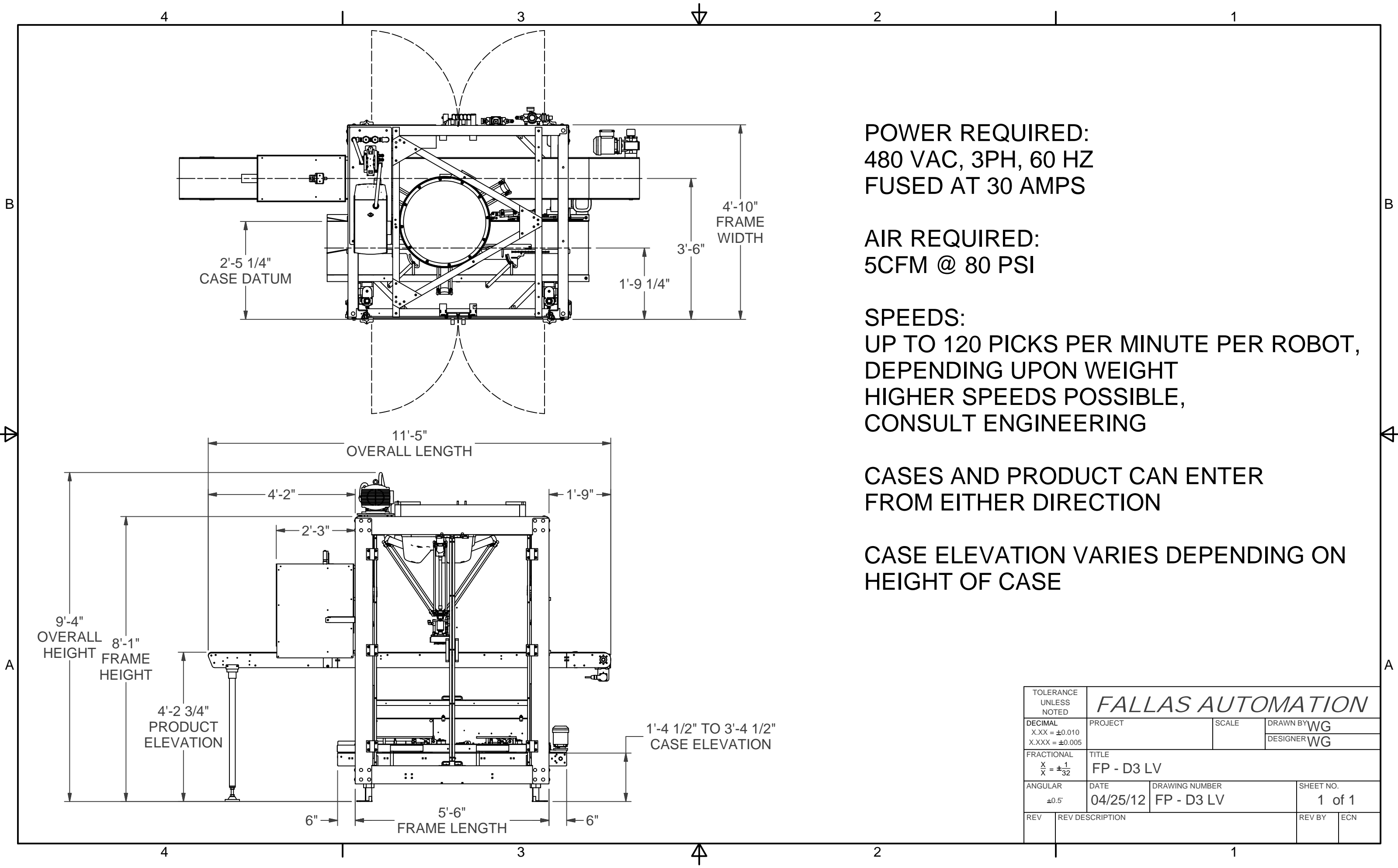
**AIR REQUIRED:**  
 5CFM @ 80 PSI

**SPEEDS:**  
 UP TO 120 PICKS PER MINUTE PER  
 ROBOT,  
 DEPENDING UPON WEIGHT,  
 HIGHER SPEEDS POSSIBLE,  
 CONSULT ENGINEERING

CASES AND PRODUCT CAN ENTER  
 FROM EITHER DIRECTION

CASE ELEVATION VARIES DEPENDING  
 ON HEIGHT OF CASE

|                                                |                            |                                          |                                          |
|------------------------------------------------|----------------------------|------------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                            | <b>FALLAS AUTOMATION</b>                 |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                    | SCALE                                    | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>FLEXPICKER</b> |                                          |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/25/12</b>    | DRAWING NUMBER<br><b>FP - FLEXPICKER</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION            |                                          | REV BY<br>ECN                            |



**POWER REQUIRED:**  
 480 VAC, 3PH, 60 HZ  
 FUSED AT 30 AMPS

**AIR REQUIRED:**  
 5CFM @ 80 PSI

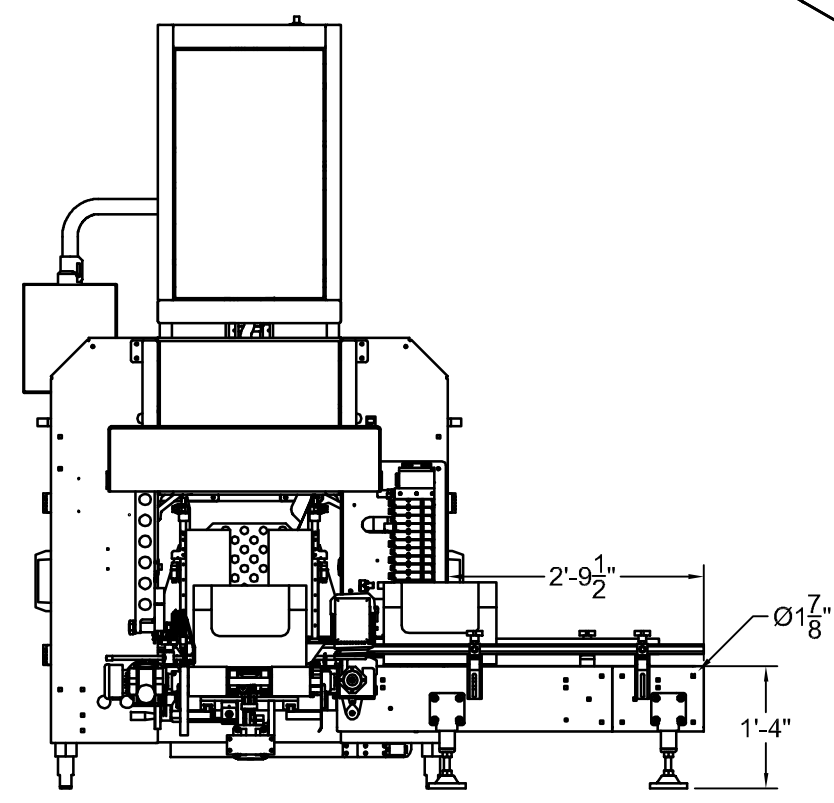
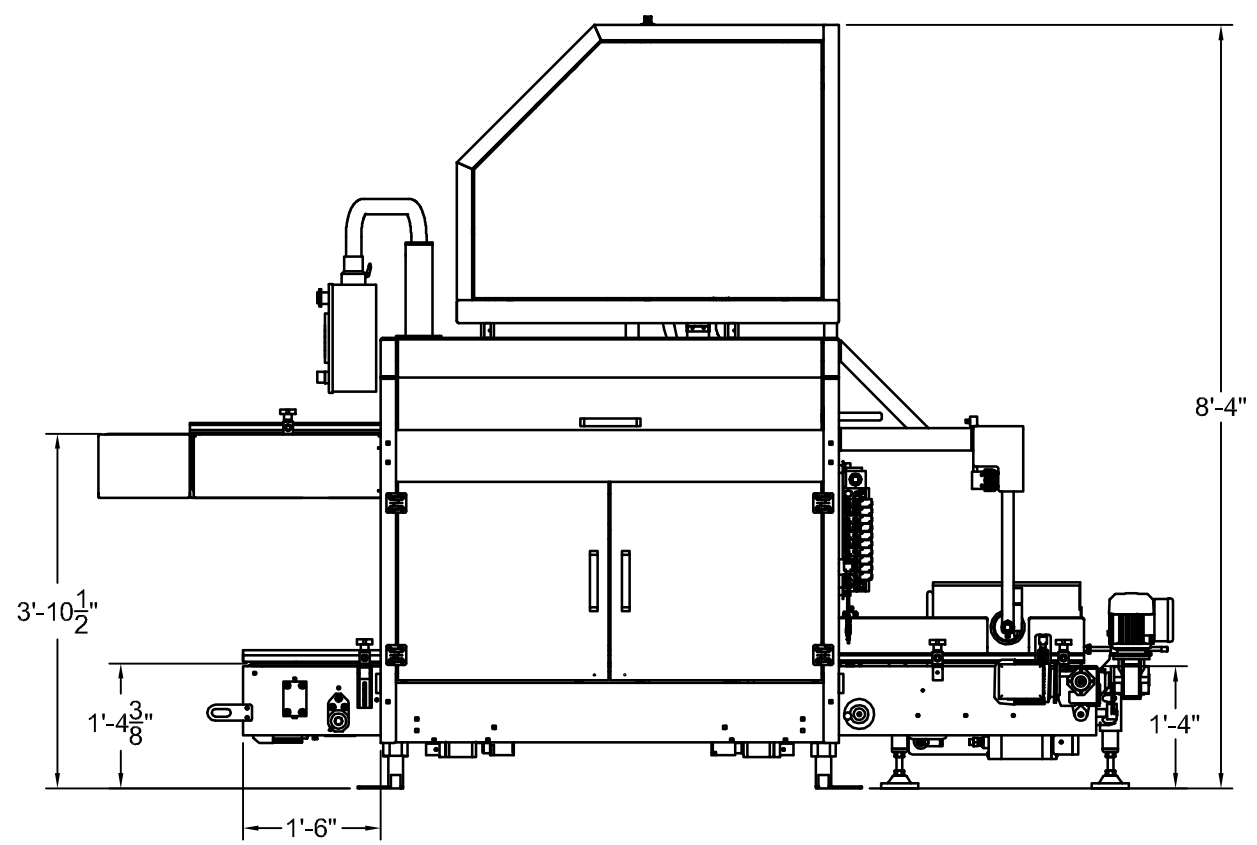
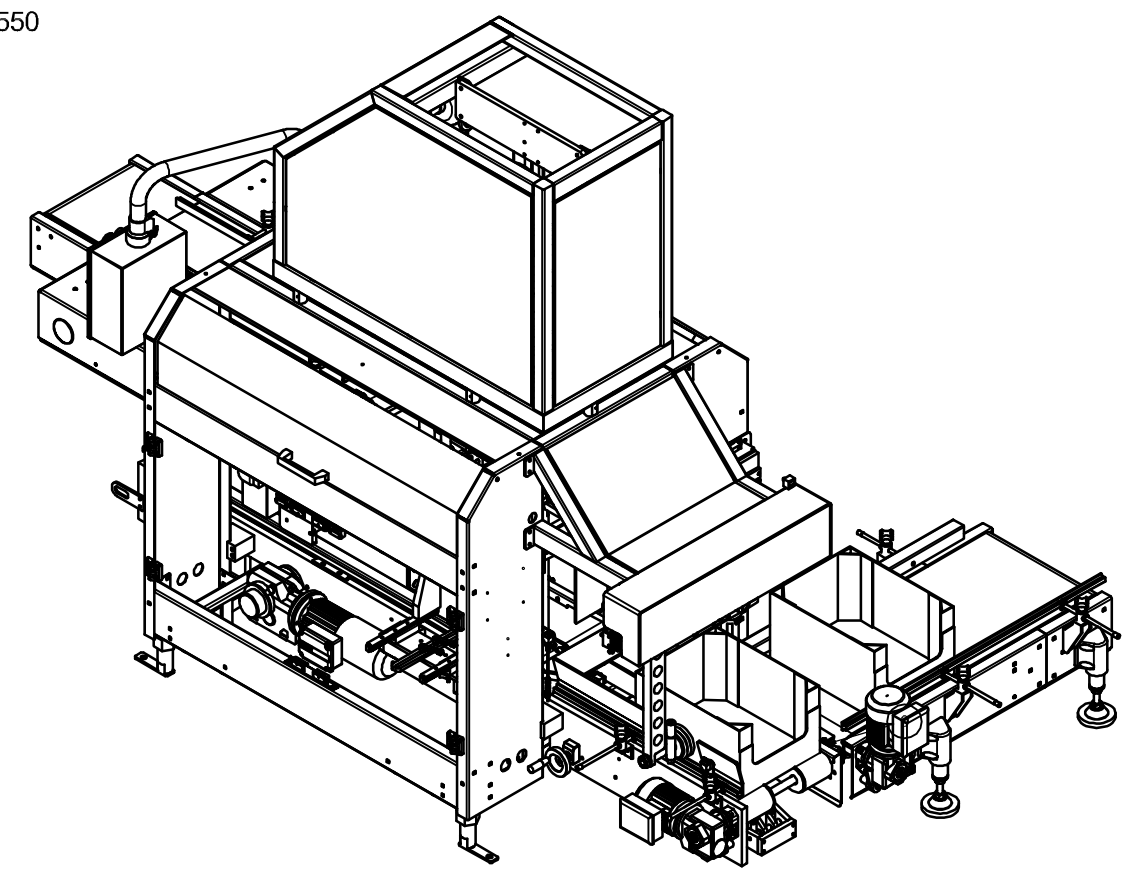
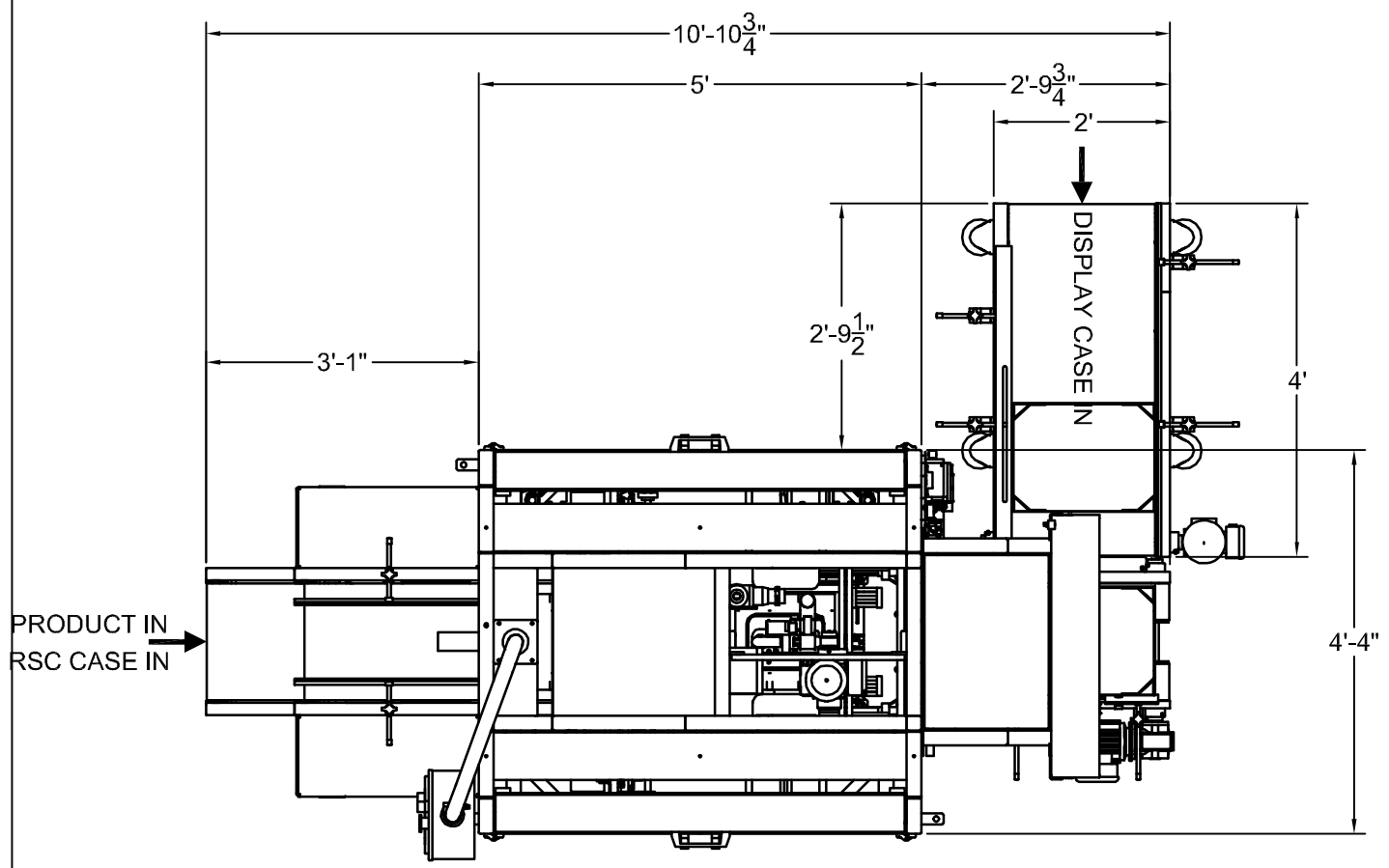
**SPEEDS:**  
 UP TO 120 PICKS PER MINUTE PER ROBOT,  
 DEPENDING UPON WEIGHT  
 HIGHER SPEEDS POSSIBLE,  
 CONSULT ENGINEERING

**CASES AND PRODUCT CAN ENTER  
 FROM EITHER DIRECTION**

**CASE ELEVATION VARIES DEPENDING ON  
 HEIGHT OF CASE**

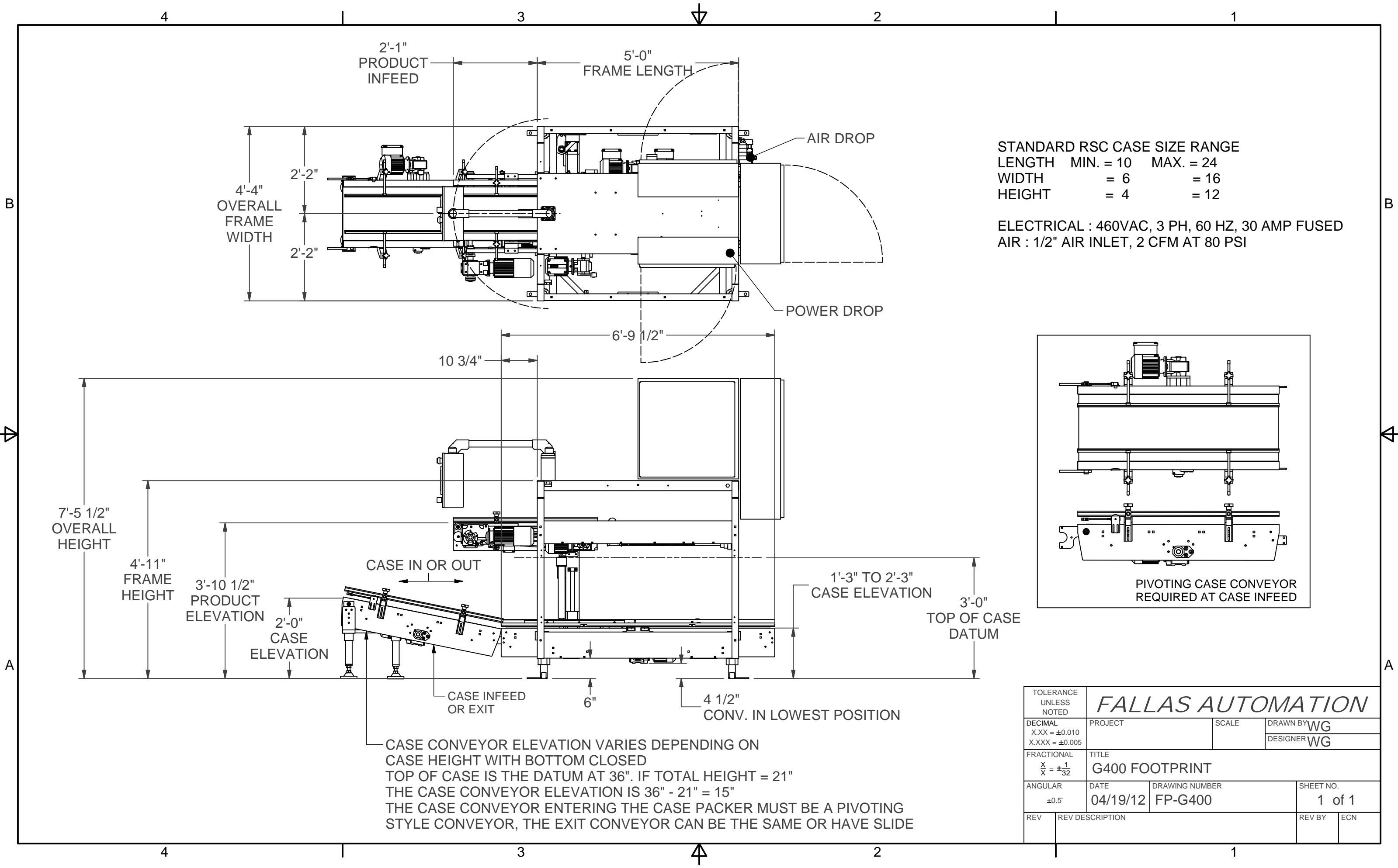
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|------------------------------------------------|----------------------------|-------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                            | <i>FALLAS AUTOMATION</i>            |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                    | SCALE                               | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>FP - D3 LV</b> |                                     |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/25/12</b>    | DRAWING NUMBER<br><b>FP - D3 LV</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION            |                                     | REV BY<br>ECN                            |

**STANDARD SPECIFICATIONS**  
 ELECTRICAL : 480VAC, 3 PH, 60 HZ, 30 AMP  
 MOTOR : 1 HP  
 AIR : 1/2" INLET 3 CFM at 80 psi  
 CONTROLS: ALLEN BRADLEY CONTROL LOGIX  
 OIT: ALLEN BRADLEY PV 550



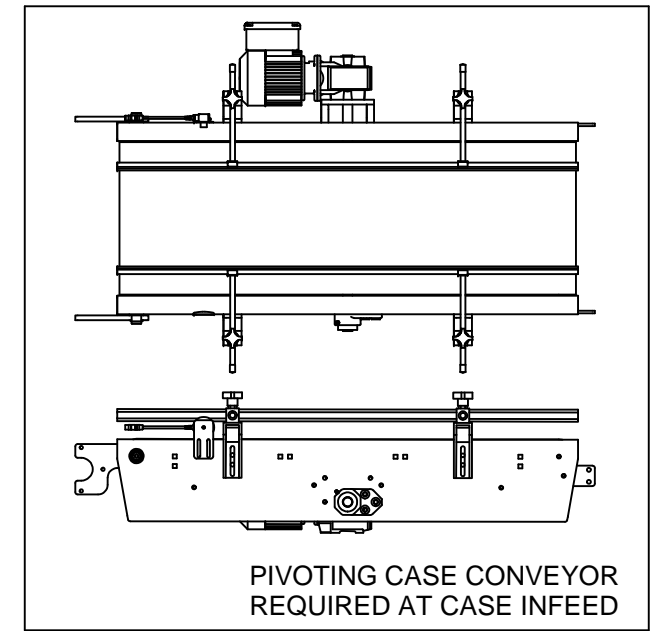
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| <b>FALLAS AUTOMATION INC.</b> |                 |        |           |
| JOB#:                         | PLANT LOCATION: | SCALE: | DRAWN BY: |
| N/A                           | N/A             |        | A. LEWIS  |
| DATE:                         | TITLE:          | REV.   | SHEET#    |
| 08-17-06                      | GLV400          | -      | 01        |
| SIZE                          | DRAWING NUMBER: |        |           |
| D                             | DFP-0861        |        |           |

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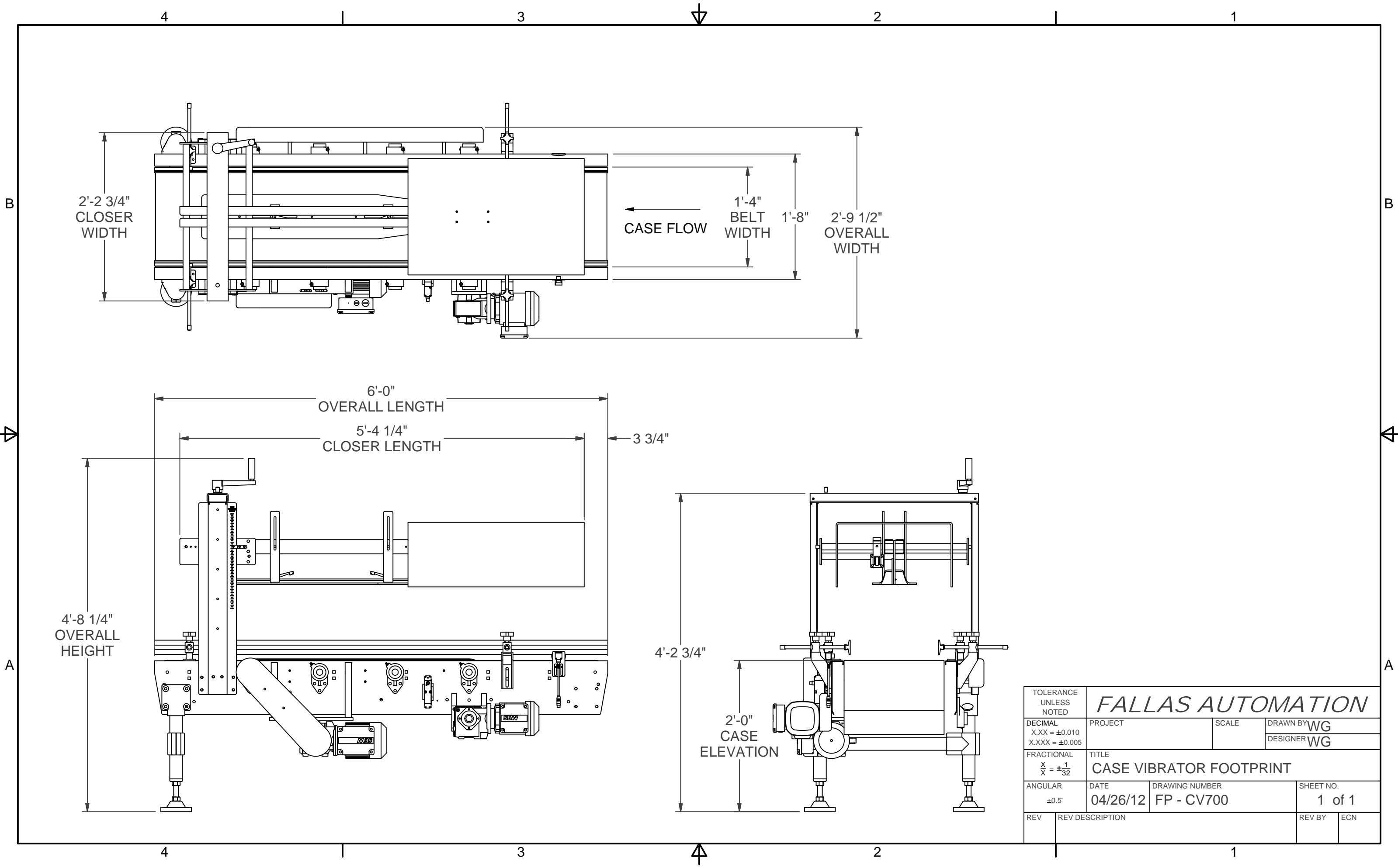


STANDARD RSC CASE SIZE RANGE  
 LENGTH MIN. = 10 MAX. = 24  
 WIDTH = 6 = 16  
 HEIGHT = 4 = 12

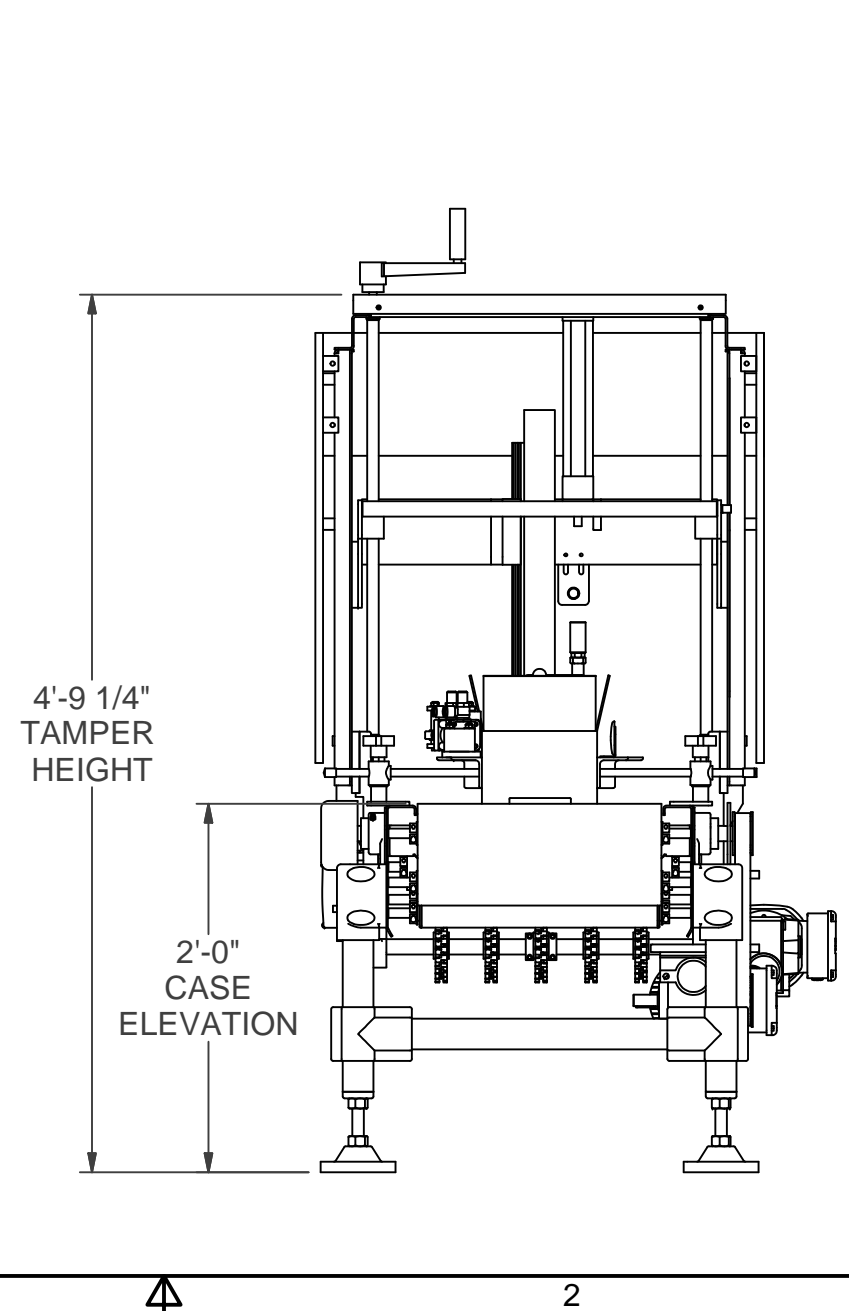
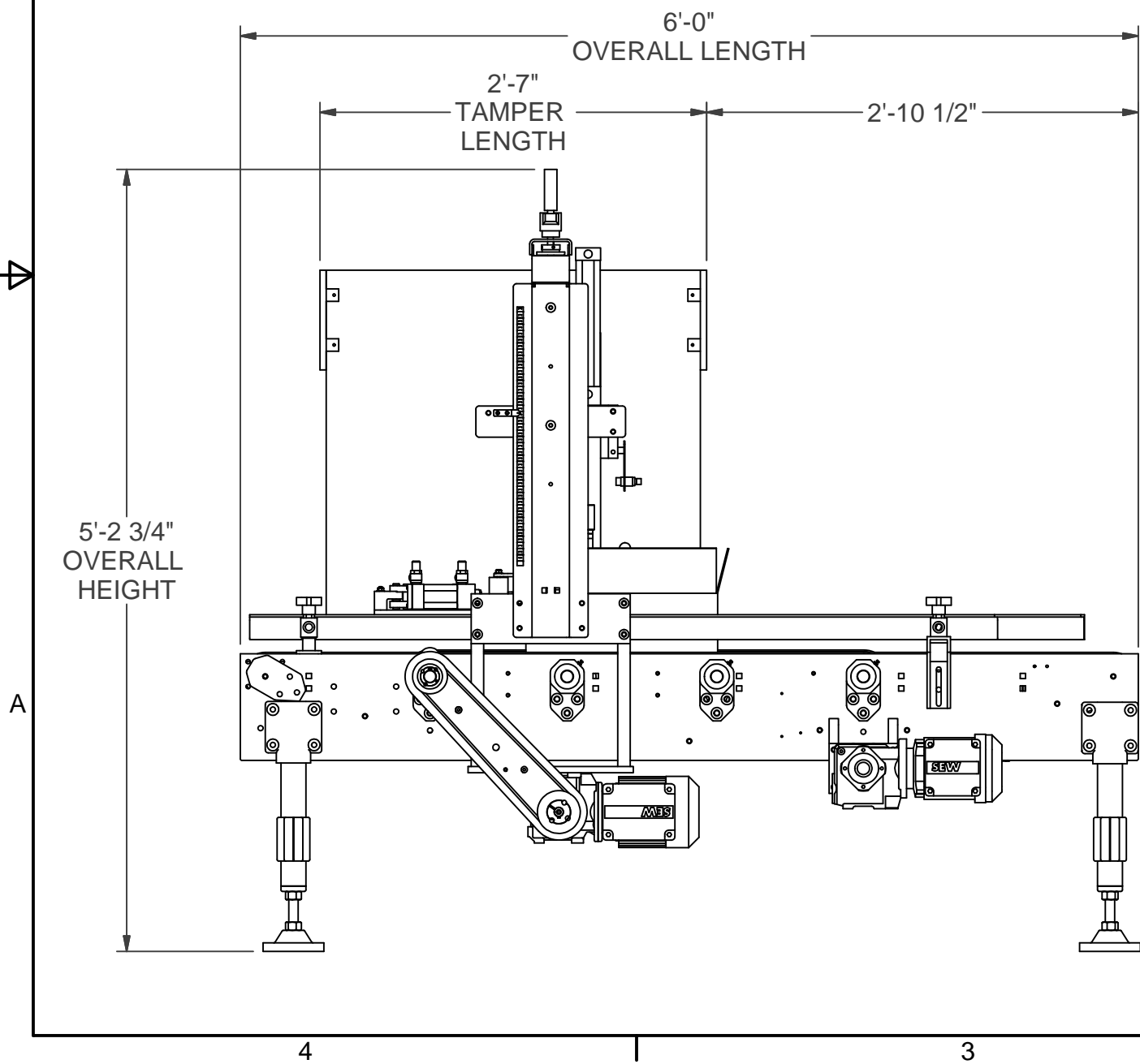
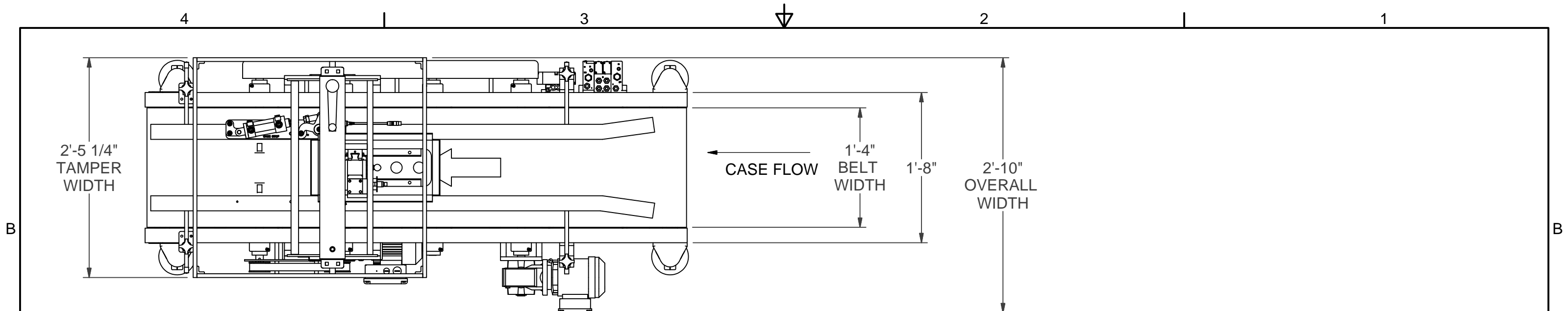
ELECTRICAL : 460VAC, 3 PH, 60 HZ, 30 AMP FUSED  
 AIR : 1/2" AIR INLET, 2 CFM AT 80 PSI



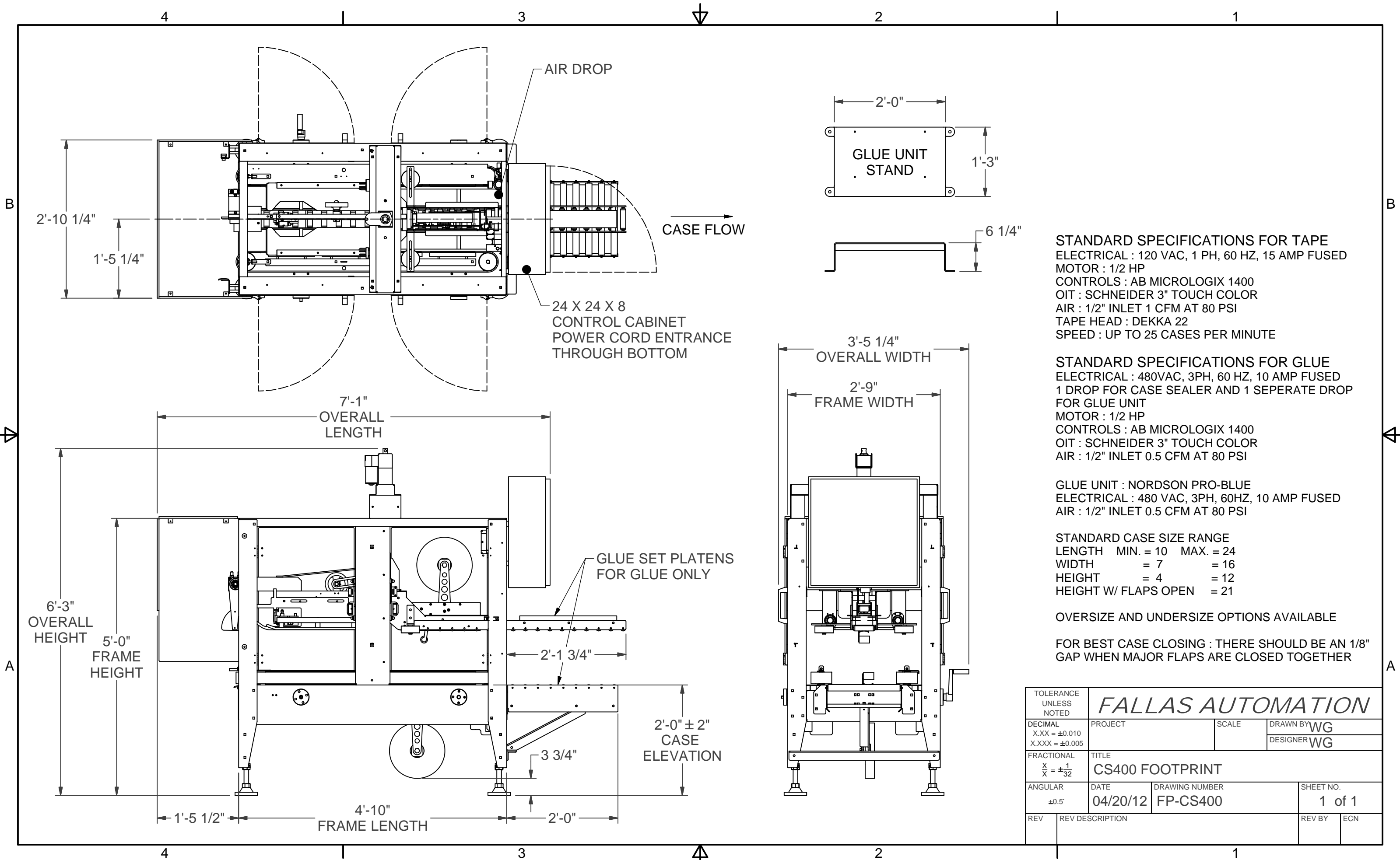
|                                                |                                |                                  |                                          |
|------------------------------------------------|--------------------------------|----------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                | <b>FALLAS AUTOMATION</b>         |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                        | SCALE                            | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>G400 FOOTPRINT</b> |                                  | SHEET NO.<br><b>1 of 1</b>               |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/19/12</b>        | DRAWING NUMBER<br><b>FP-G400</b> | REV BY<br>ECN                            |
| REV                                            | REV DESCRIPTION                |                                  | REV BY<br>ECN                            |



|                                                |                                         |                                     |                                          |
|------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                         | <b>FALLAS AUTOMATION</b>            |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                                 | SCALE                               | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>CASE VIBRATOR FOOTPRINT</b> |                                     |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/26/12</b>                 | DRAWING NUMBER<br><b>FP - CV700</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                         |                                     | REV BY   ECN                             |



|                                                |                                                |                                      |                                          |
|------------------------------------------------|------------------------------------------------|--------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                                | <b>FALLAS AUTOMATION</b>             |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                                        | SCALE                                | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>CASE VIBRATOR TAMPER FOOTPRINT</b> |                                      |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/26/12</b>                        | DRAWING NUMBER<br><b>FP - CVT700</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                                |                                      | REV BY<br>ECN                            |



**STANDARD SPECIFICATIONS FOR TAPE**  
 ELECTRICAL : 120 VAC, 1 PH, 60 HZ, 15 AMP FUSED  
 MOTOR : 1/2 HP  
 CONTROLS : AB MICROLOGIX 1400  
 OIT : SCHNEIDER 3" TOUCH COLOR  
 AIR : 1/2" INLET 1 CFM AT 80 PSI  
 TAPE HEAD : DEKKA 22  
 SPEED : UP TO 25 CASES PER MINUTE

**STANDARD SPECIFICATIONS FOR GLUE**  
 ELECTRICAL : 480VAC, 3PH, 60 HZ, 10 AMP FUSED  
 1 DROP FOR CASE SEALER AND 1 SEPERATE DROP FOR GLUE UNIT  
 MOTOR : 1/2 HP  
 CONTROLS : AB MICROLOGIX 1400  
 OIT : SCHNEIDER 3" TOUCH COLOR  
 AIR : 1/2" INLET 0.5 CFM AT 80 PSI

**GLUE UNIT : NORDSON PRO-BLUE**  
 ELECTRICAL : 480 VAC, 3PH, 60HZ, 10 AMP FUSED  
 AIR : 1/2" INLET 0.5 CFM AT 80 PSI

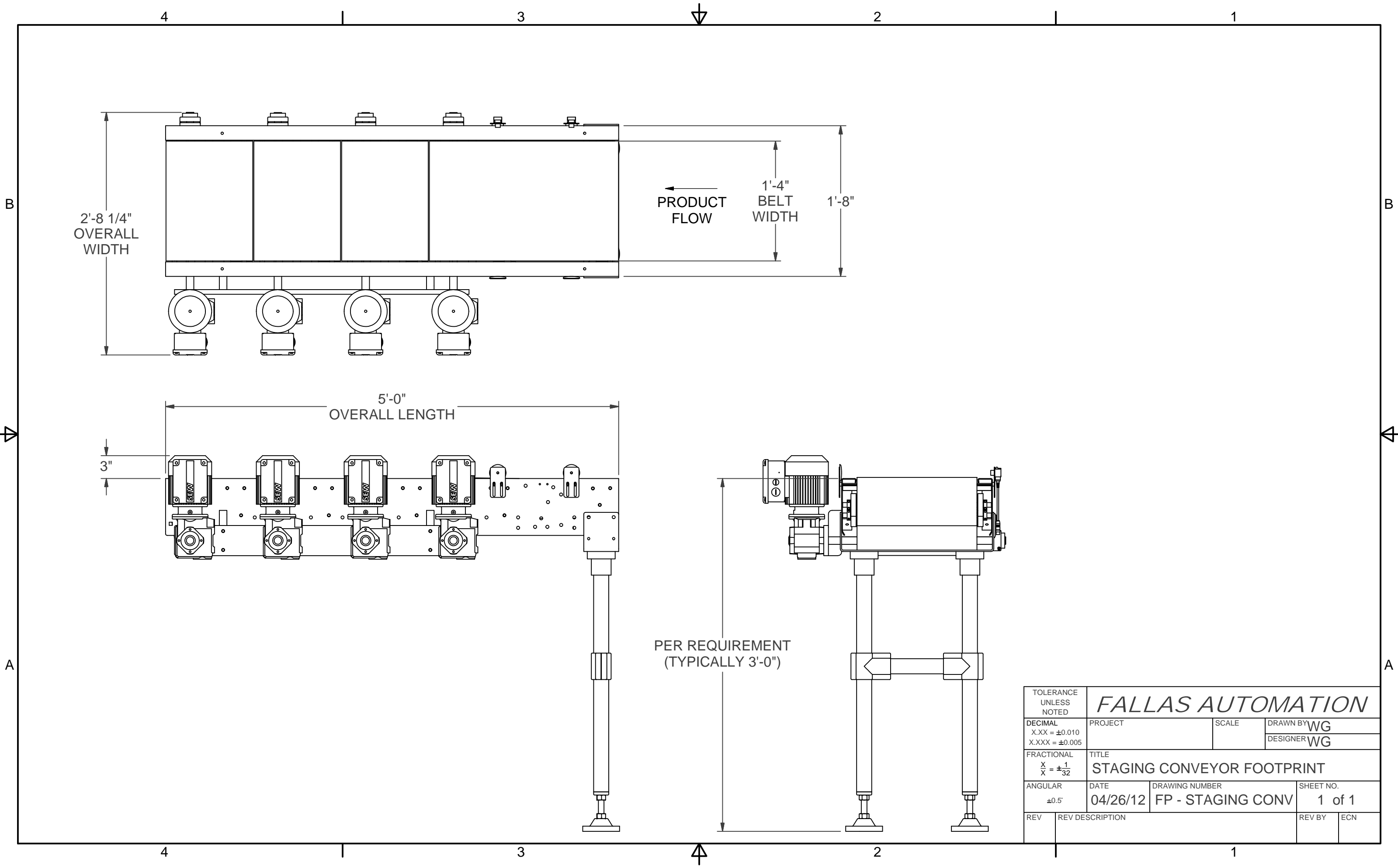
**STANDARD CASE SIZE RANGE**  
 LENGTH MIN. = 10 MAX. = 24  
 WIDTH = 7 = 16  
 HEIGHT = 4 = 12  
 HEIGHT W/ FLAPS OPEN = 21

OVERSIZE AND UNDERSIZE OPTIONS AVAILABLE

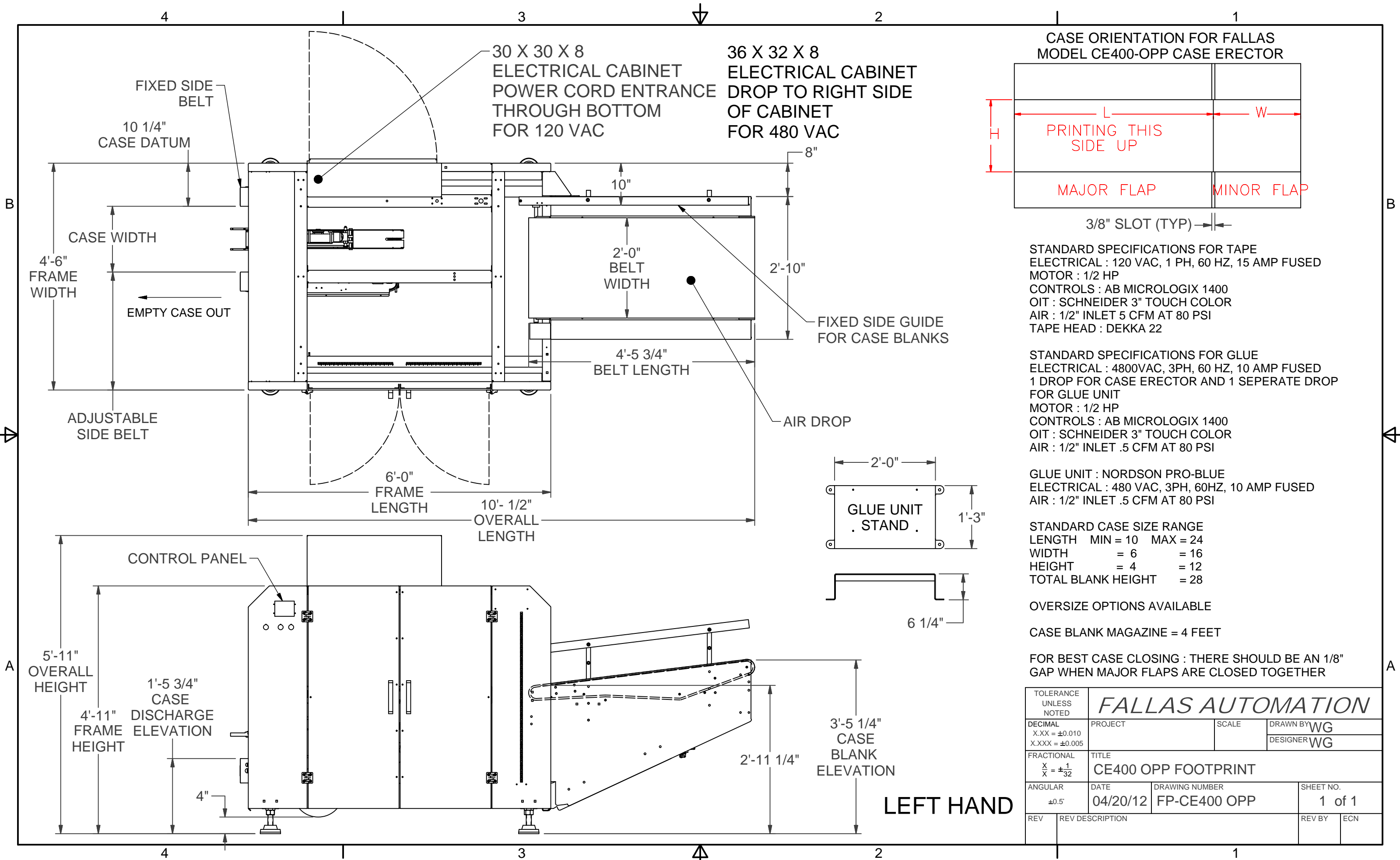
FOR BEST CASE CLOSING : THERE SHOULD BE AN 1/8" GAP WHEN MAJOR FLAPS ARE CLOSED TOGETHER

|                                                |                                 |                                   |                                          |
|------------------------------------------------|---------------------------------|-----------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                 | <b>FALLAS AUTOMATION</b>          |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                         | SCALE                             | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>CS400 FOOTPRINT</b> |                                   |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/20/12</b>         | DRAWING NUMBER<br><b>FP-CS400</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                 |                                   | REV BY ECN                               |

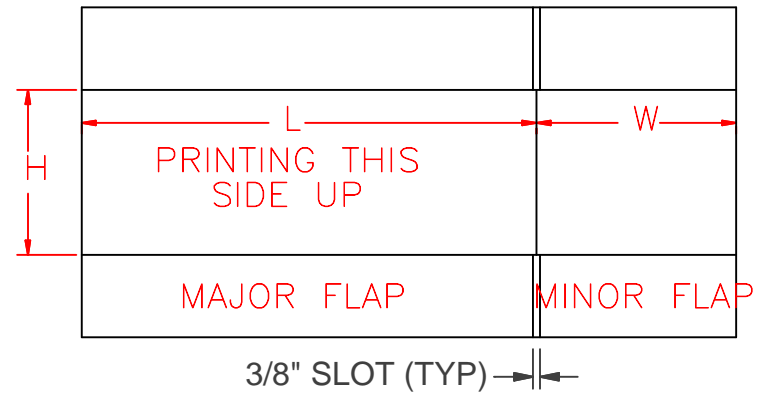




|                                                |                                            |                                            |                                          |
|------------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------------|
| TOLERANCE UNLESS NOTED                         |                                            | <b>FALLAS AUTOMATION</b>                   |                                          |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                                    | SCALE                                      | DRAWN BY <b>WG</b><br>DESIGNER <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>STAGING CONVEYOR FOOTPRINT</b> |                                            |                                          |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/26/12</b>                    | DRAWING NUMBER<br><b>FP - STAGING CONV</b> | SHEET NO.<br><b>1 of 1</b>               |
| REV                                            | REV DESCRIPTION                            |                                            | REV BY<br>ECN                            |



**CASE ORIENTATION FOR FALLAS MODEL CE400-OPP CASE ERECTOR**



STANDARD SPECIFICATIONS FOR TAPE  
 ELECTRICAL : 120 VAC, 1 PH, 60 HZ, 15 AMP FUSED  
 MOTOR : 1/2 HP  
 CONTROLS : AB MICROLOGIX 1400  
 OIT : SCHNEIDER 3" TOUCH COLOR  
 AIR : 1/2" INLET 5 CFM AT 80 PSI  
 TAPE HEAD : DEKKA 22

STANDARD SPECIFICATIONS FOR GLUE  
 ELECTRICAL : 4800VAC, 3PH, 60 HZ, 10 AMP FUSED  
 1 DROP FOR CASE ERECTOR AND 1 SEPERATE DROP FOR GLUE UNIT  
 MOTOR : 1/2 HP  
 CONTROLS : AB MICROLOGIX 1400  
 OIT : SCHNEIDER 3" TOUCH COLOR  
 AIR : 1/2" INLET .5 CFM AT 80 PSI

GLUE UNIT : NORDSON PRO-BLUE  
 ELECTRICAL : 480 VAC, 3PH, 60HZ, 10 AMP FUSED  
 AIR : 1/2" INLET .5 CFM AT 80 PSI

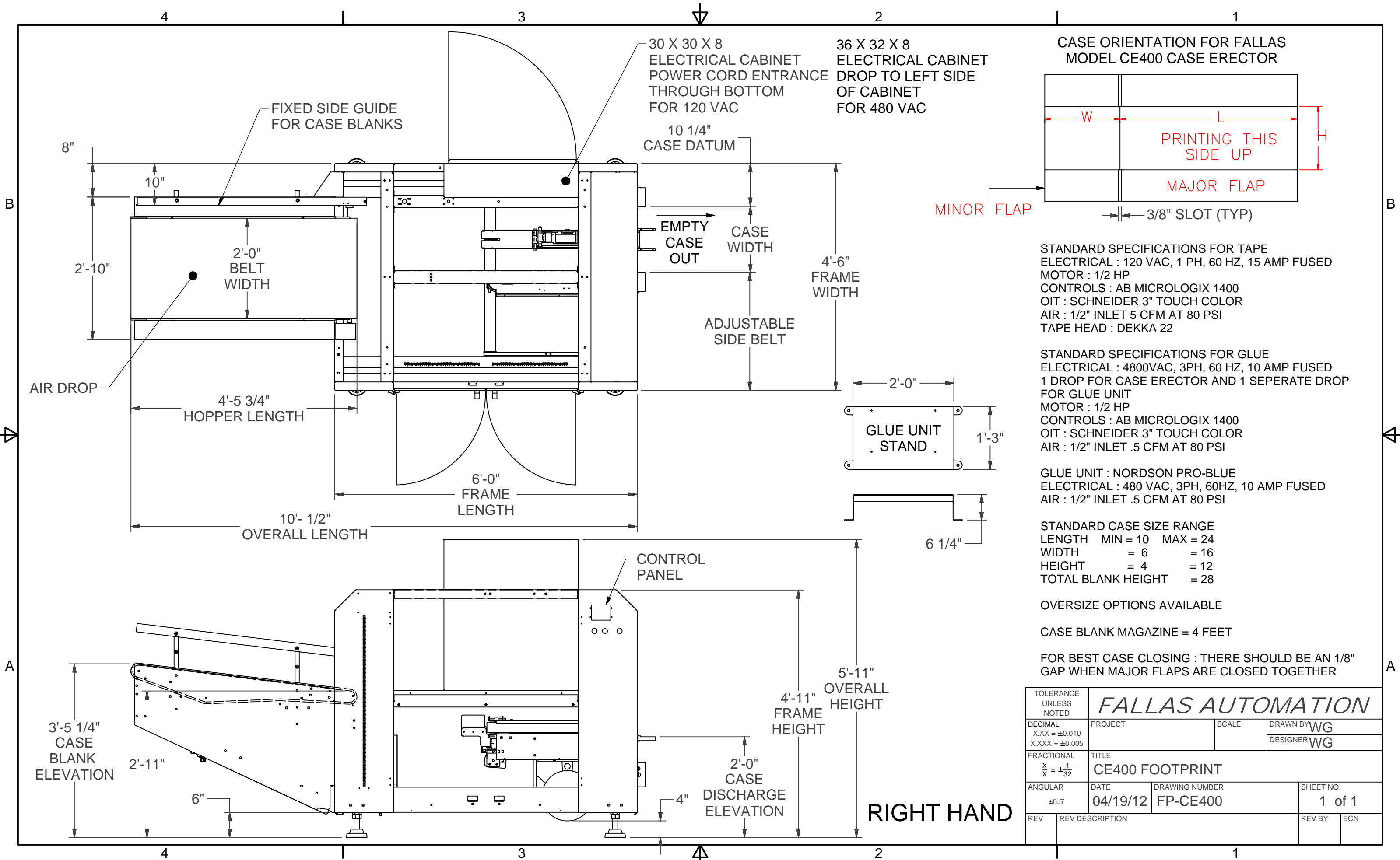
STANDARD CASE SIZE RANGE  
 LENGTH MIN = 10 MAX = 24  
 WIDTH = 6 = 16  
 HEIGHT = 4 = 12  
 TOTAL BLANK HEIGHT = 28

OVERSIZE OPTIONS AVAILABLE  
 CASE BLANK MAGAZINE = 4 FEET

FOR BEST CASE CLOSING : THERE SHOULD BE AN 1/8" GAP WHEN MAJOR FLAPS ARE CLOSED TOGETHER

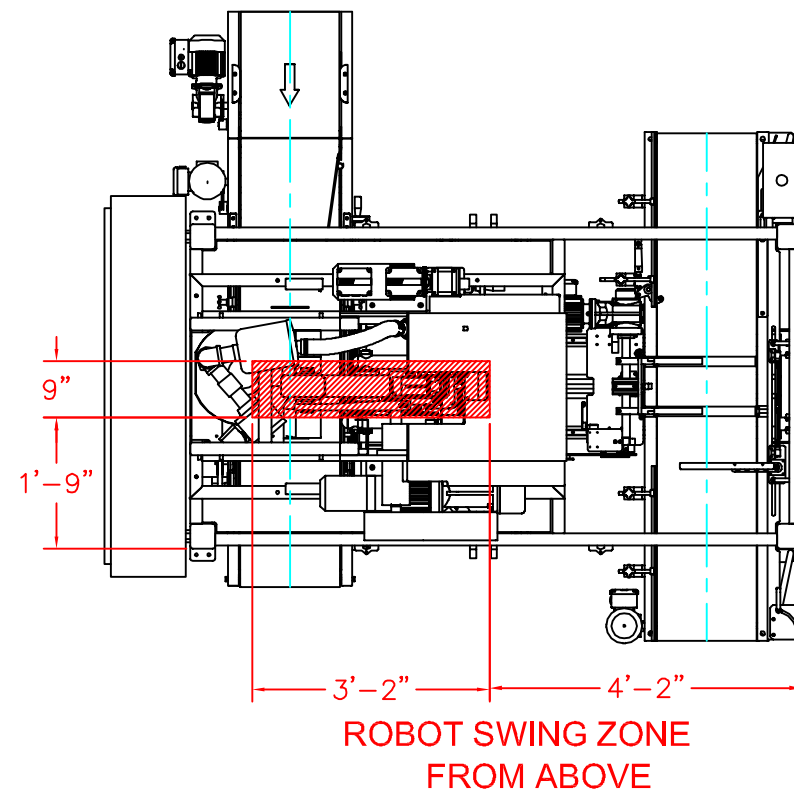
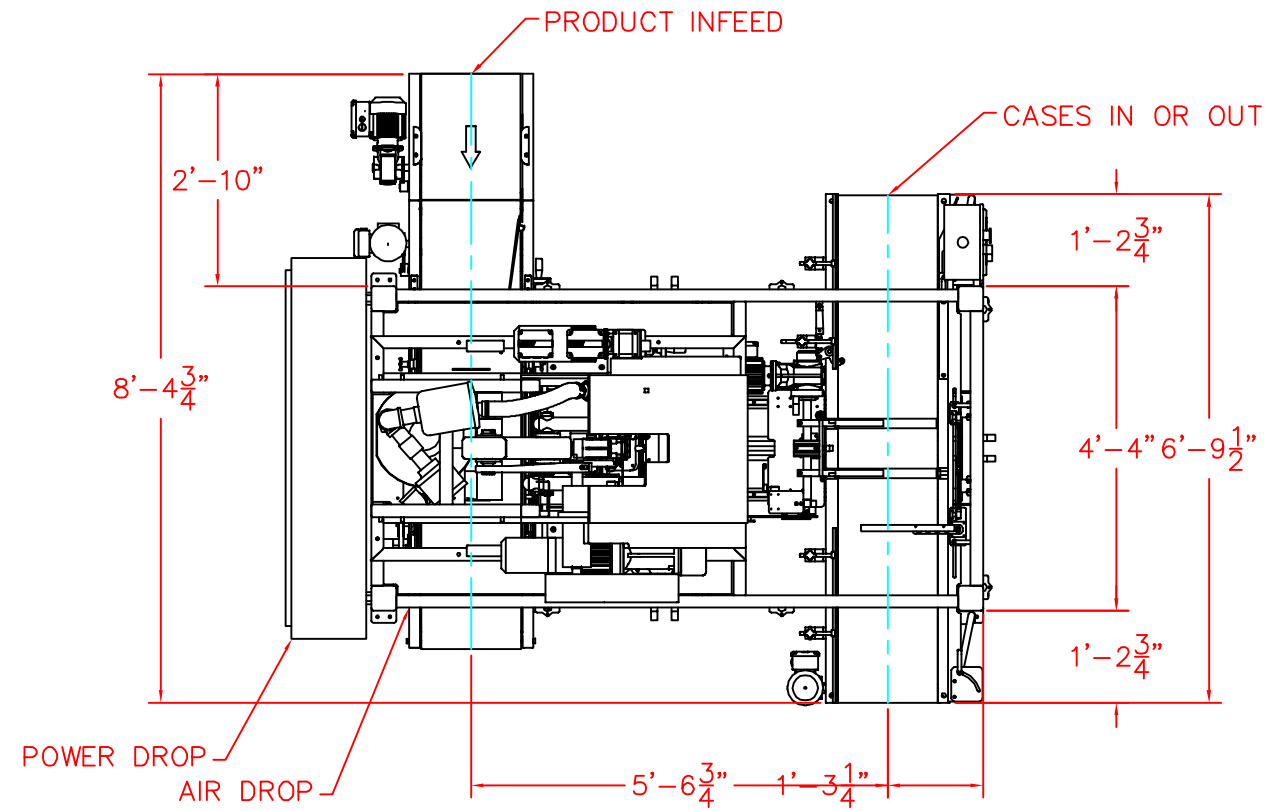
|                                                |                 |                          |                    |
|------------------------------------------------|-----------------|--------------------------|--------------------|
| TOLERANCE UNLESS NOTED                         |                 | <b>FALLAS AUTOMATION</b> |                    |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT         | SCALE                    | DRAWN BY <b>WG</b> |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE           |                          | DESIGNER <b>WG</b> |
| ANGULAR<br>±0.5°                               | DATE            | DRAWING NUMBER           | SHEET NO.          |
| REV                                            | REV DESCRIPTION | 04/20/12                 | 1 of 1             |
|                                                |                 | FP-CE400 OPP             |                    |
|                                                |                 |                          | REV BY ECN         |

**LEFT HAND**



|                                                |                                 |                                   |                            |
|------------------------------------------------|---------------------------------|-----------------------------------|----------------------------|
| TOLERANCE UNLESS NOTED                         |                                 | <b>FALLAS AUTOMATION</b>          |                            |
| DECIMAL<br>X.XX = ±0.010<br>X.XXX = ±0.005     | PROJECT                         | SCALE                             | DRAWN BY <b>WG</b>         |
| FRACTIONAL<br>$\frac{X}{X} = \pm \frac{1}{32}$ | TITLE<br><b>CE400 FOOTPRINT</b> |                                   | DESIGNER <b>WG</b>         |
| ANGULAR<br>±0.5°                               | DATE<br><b>04/19/12</b>         | DRAWING NUMBER<br><b>FP-CE400</b> | SHEET NO.<br><b>1 of 1</b> |
| REV                                            | REV DESCRIPTION                 |                                   | REV BY ECN                 |

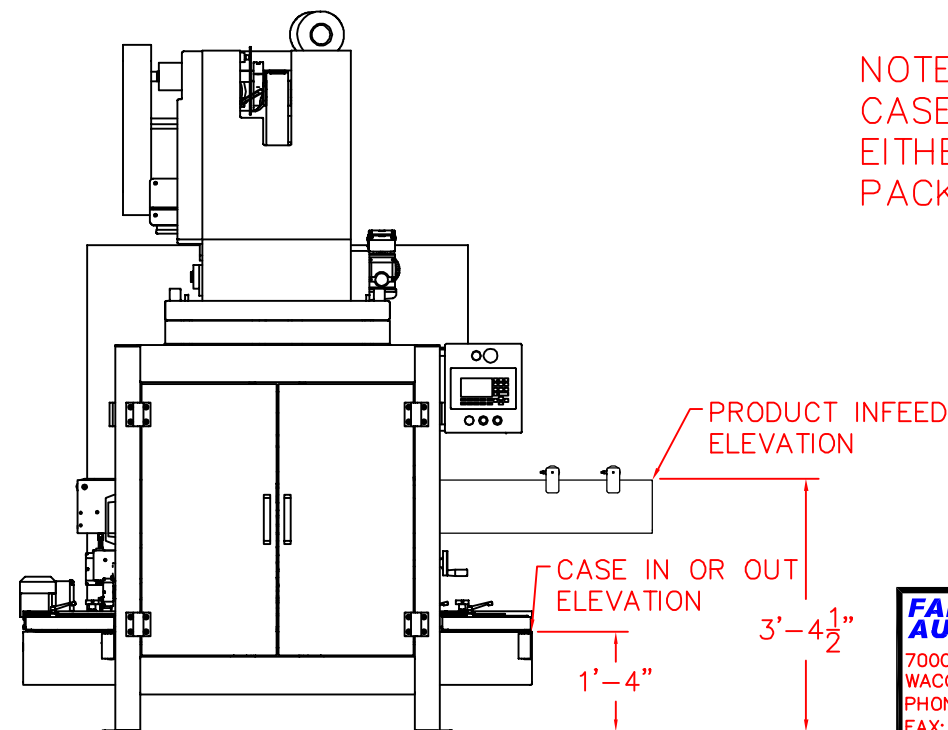
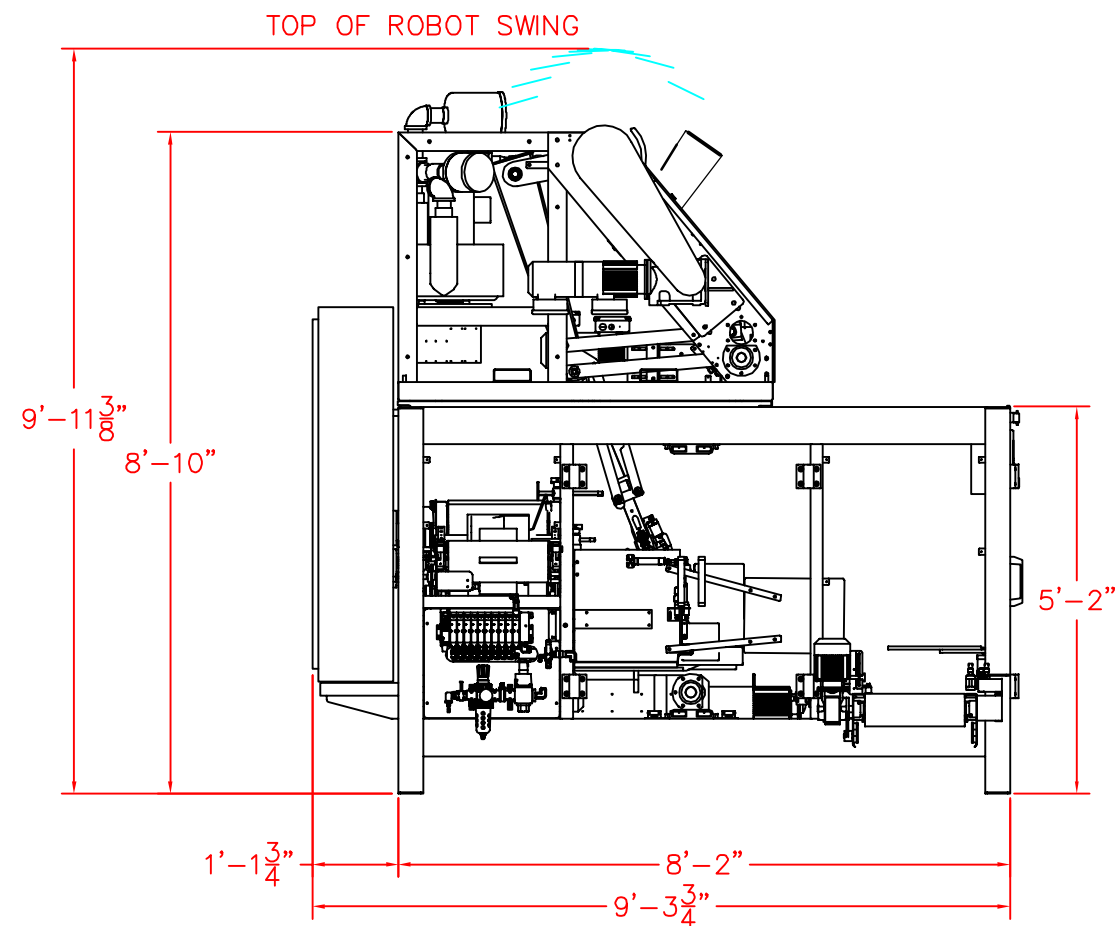
| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |



**STANDARD SPECIFICATIONS**  
 ELECTRICAL : 480 VOLTS, 3 PH, 35 AMP FUSED  
 AIR : 1/2" AIR INLET, 4 CFM at 80 psi  
 CONTROLS : AB CONTROL LOGIX  
 OIT : AB 550

MIN CASE SIZE - 10"L X 6"W X 4"H  
 MAX CASE SIZE - 24"L X 16"W X 12"H

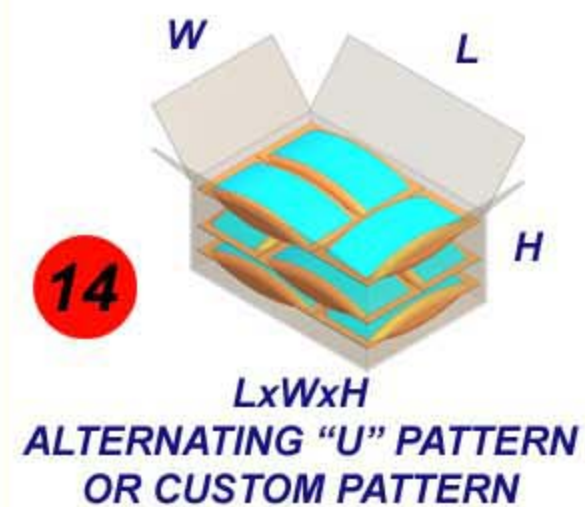
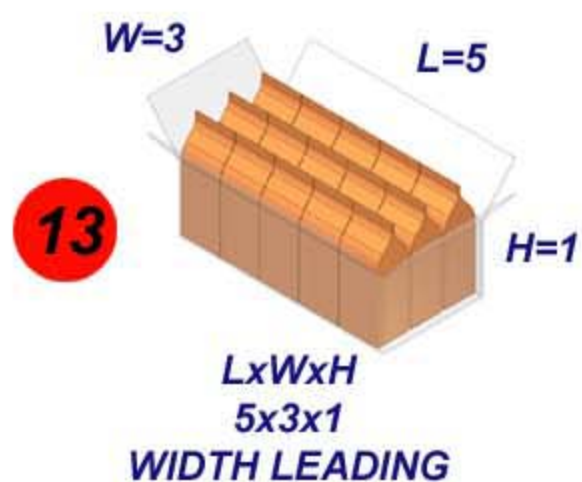
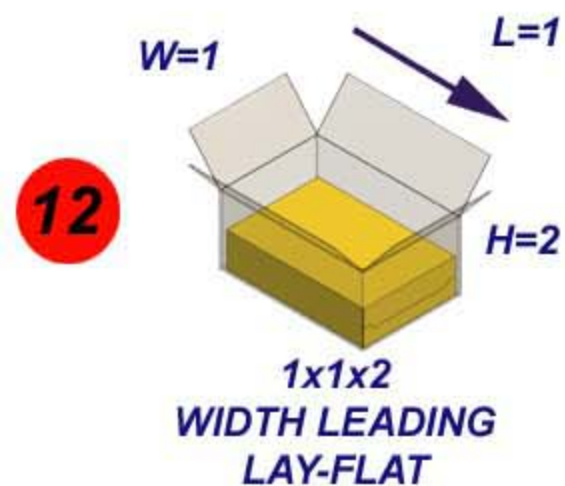
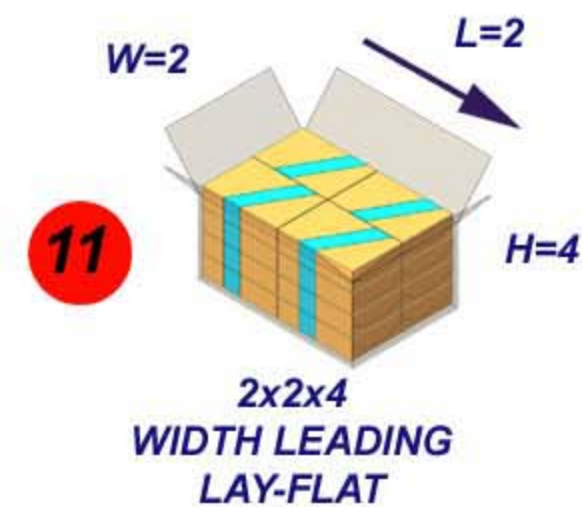
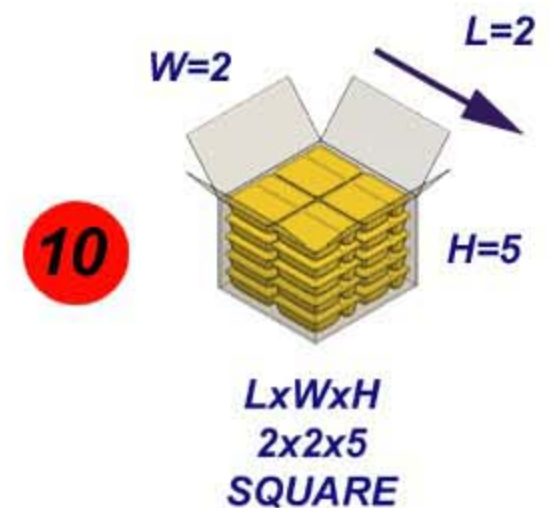
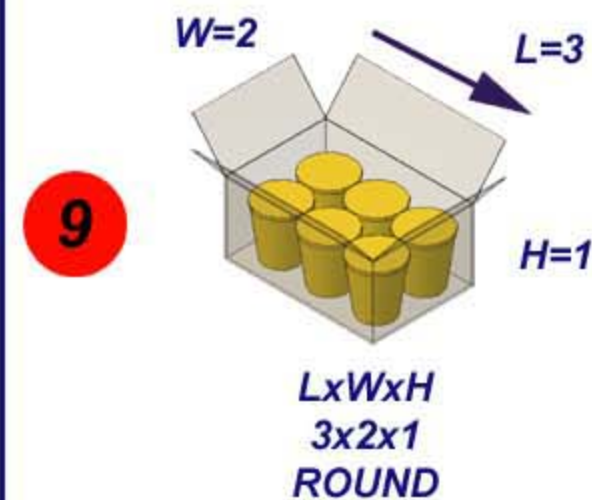
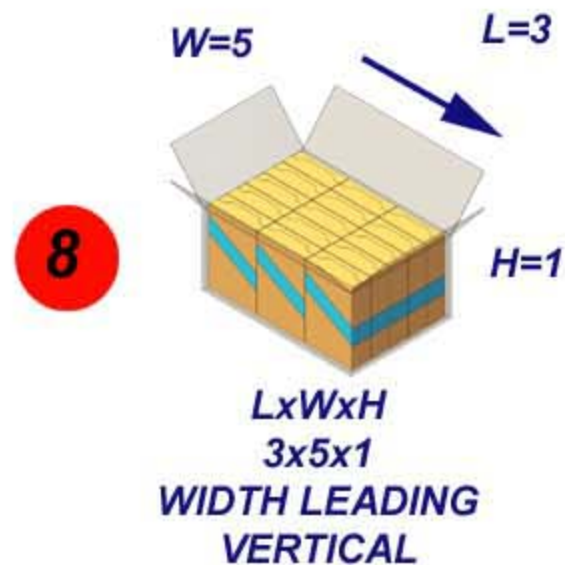
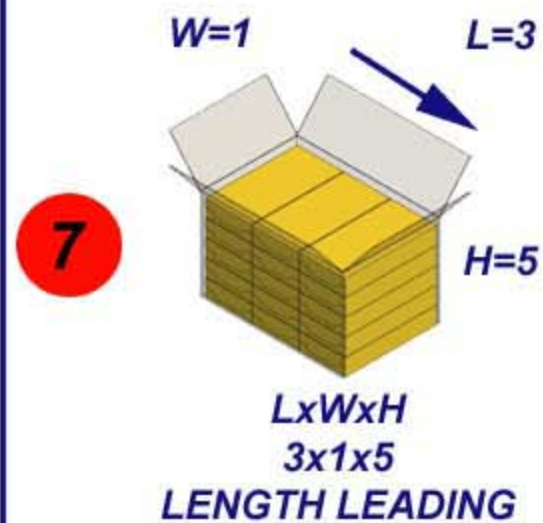
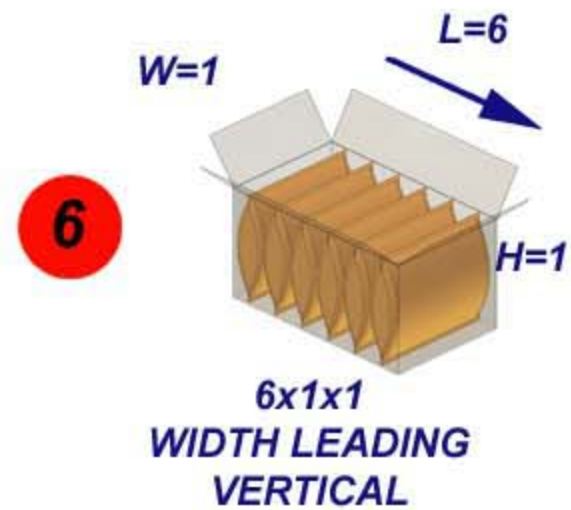
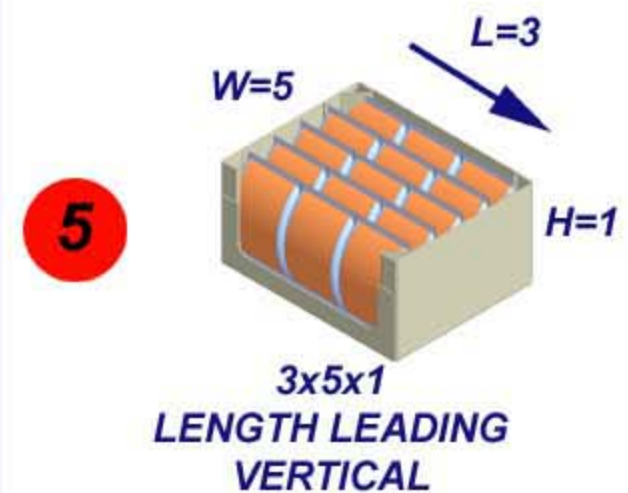
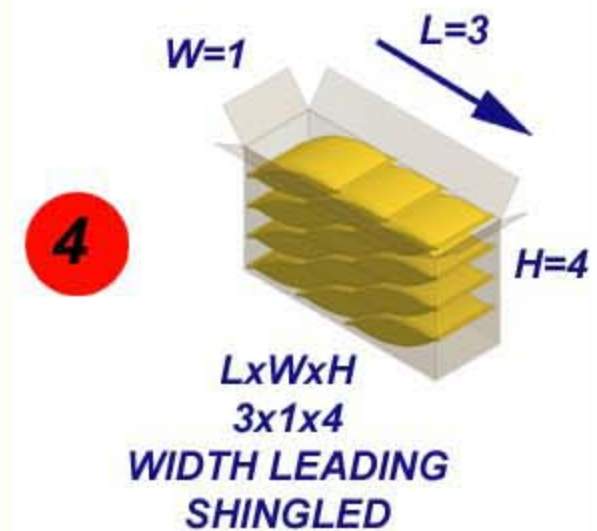
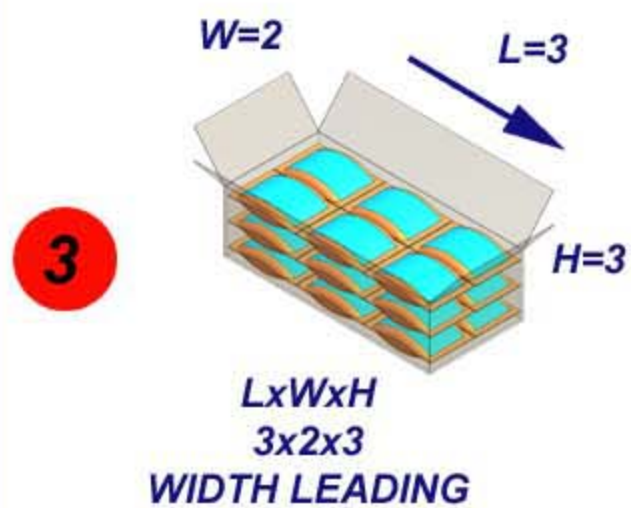
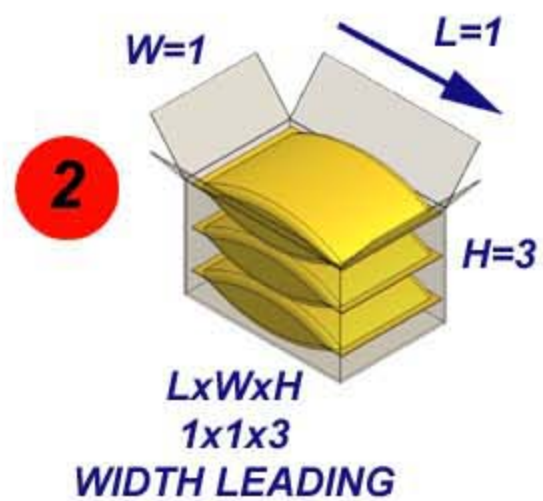
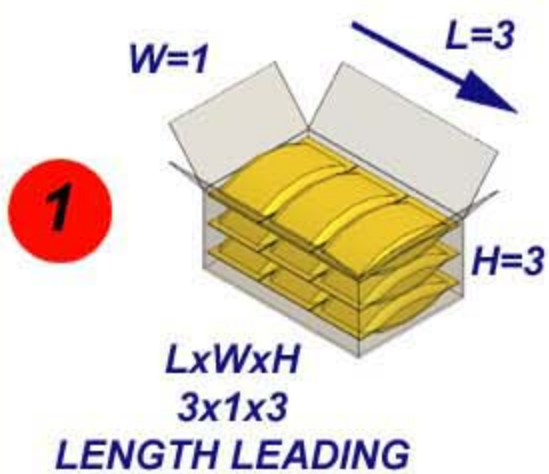
NOTE:  
 CASES CAN ENTER OR EXIT  
 EITHER SIDE AND CASE  
 PACKER CAN BE MIRRORED



|                                                                                                                                                |                                                                 |                               |            |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------|------------|
| <b>FALLAS AUTOMATION</b><br>7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com | CUSTOMER NAME/<br>PLANT LOCATION                                |                               |            |
|                                                                                                                                                | TITLE:<br><b>FALLAS CASE PACKER V-400<br/>FOR VERTICAL PACK</b> |                               |            |
| DRAWN BY:<br>NOAH GUTIERREZ                                                                                                                    | SIZE:<br><b>D</b>                                               | JOB NUMBER:<br><b>FP-V400</b> | REV.:<br>- |
| APPROVED BY:                                                                                                                                   | SCALE:                                                          | DATE: 05-18-2004              | SHEET: 1   |

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# PACK PATTERN CONFIGURATIONS



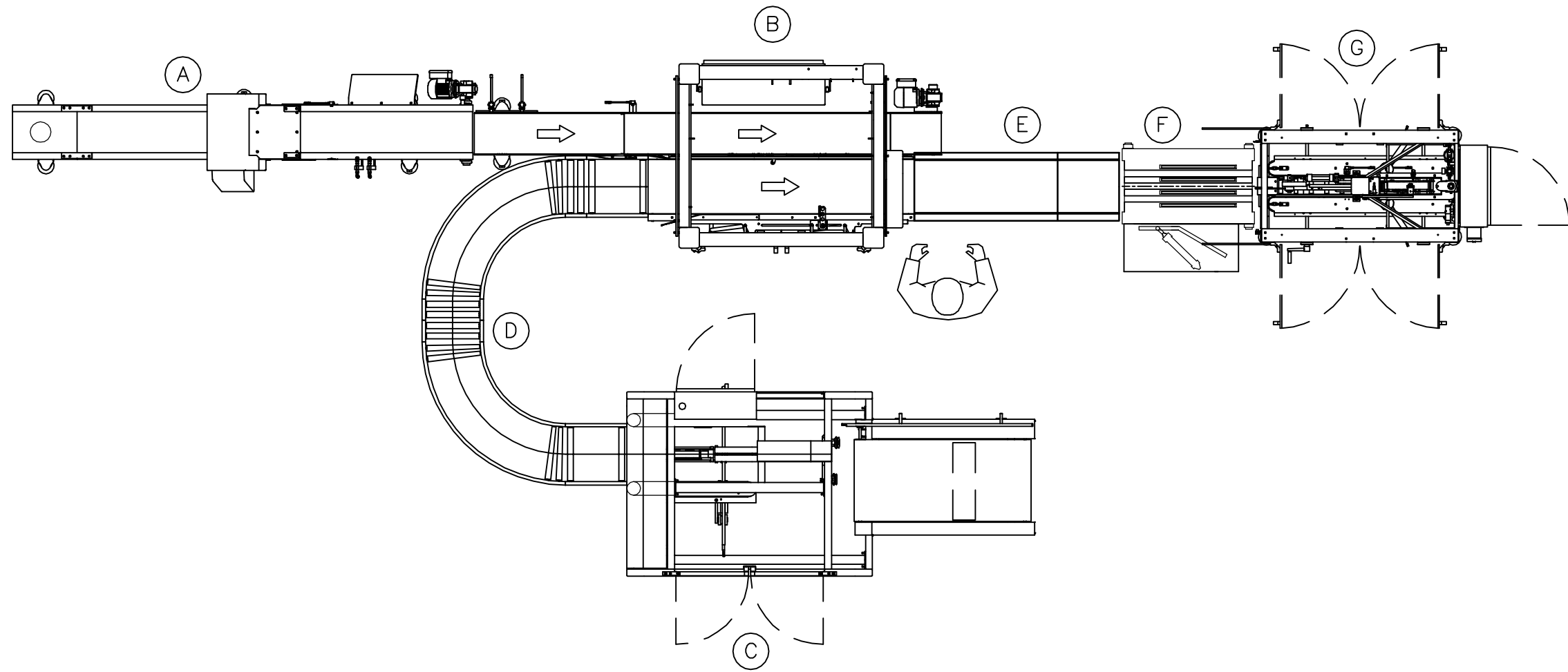
## MACHINE SPECIFICATIONS

| Component                      |                                                                                     |  |  |
|--------------------------------|-------------------------------------------------------------------------------------|--|--|
| <b>AIR</b>                     |                                                                                     |  |  |
| Requirements                   | ½" Line, 5 CFM @ 80 PSI                                                             |  |  |
| Valves                         | Parker ISO, 24 vdc                                                                  |  |  |
| Cylinders                      | NFPA Standard                                                                       |  |  |
| Vacuum Pump                    | Republic KVHRB-802                                                                  |  |  |
| <b>MECHANICAL</b>              |                                                                                     |  |  |
| Construction                   | Carbon Steel Painted w/ "Steel It"<br>Industrial Epoxy or Stainless steel<br>option |  |  |
| Servo Motors                   | ELAU                                                                                |  |  |
| Motors                         | SEW Eurodrive                                                                       |  |  |
| Gear Reducers                  | SEW Eurodrive                                                                       |  |  |
| Couplings                      | Lovejoy                                                                             |  |  |
| Drive Belts                    | Dyna-Sync, HTP, Gates Polychain                                                     |  |  |
| Bearings                       | Dodge, or equal                                                                     |  |  |
| Bearings, Linear               | Nook Excel, THK                                                                     |  |  |
| Shaft Locks                    | Tran Torque, Taper Lock, Ringfeder                                                  |  |  |
| Conveyor Belts                 | Burrell, Intralox, Spantech                                                         |  |  |
| Guarding                       | LEXAN                                                                               |  |  |
| <b>ELECTRICAL AND CONTROLS</b> |                                                                                     |  |  |
| System Voltage                 | 480 VAC or 120 VAC                                                                  |  |  |
| Safety Circuit                 | Category 2, 3 & 4                                                                   |  |  |
| Control Voltage                | 24 VDC                                                                              |  |  |
| Electrical Cabinets            | Hoffman                                                                             |  |  |
| NEMA Rating                    | NEMA 12, Painted w/ "Steel It"<br>Industrial Epoxy                                  |  |  |
| Disconnect                     | Rotary and flange mount                                                             |  |  |
| PLC and Processors             | AB and ELAU                                                                         |  |  |
| OIT                            | AB and Telemecanique                                                                |  |  |
| Control Buttons                | AB 800H                                                                             |  |  |
| Variable Speed Drive           | AB and Yaskawa                                                                      |  |  |
| Control Relays                 | AB 700F                                                                             |  |  |
| AC Motor Starters              | Telemecanique LC1 D25BD                                                             |  |  |
| Starter Voltage                | 24 vdc                                                                              |  |  |
| AC Motor Overloads             | Telemecanique LRD                                                                   |  |  |
| Power Supply                   | Telemecanique ABL-UL                                                                |  |  |
| Transformer                    | ACME                                                                                |  |  |
| Surge Suppressors              | RK Electronics                                                                      |  |  |
| Photo-Electric Cell            | Allen Bradley Right Sight, #42EF                                                    |  |  |
| Limit Switch                   | AB 802T                                                                             |  |  |
| Proximity Switch               | AB 872C                                                                             |  |  |
| Door Safety Switch             | AB and Schmersal                                                                    |  |  |
| Rigid Conduit Type             | Galvanized Steel or Aluminum                                                        |  |  |
| Terminal Blocks                | Entrelec                                                                            |  |  |
| Wire Markers                   | Brady-Self Laminating                                                               |  |  |
| MISC.                          |                                                                                     |  |  |

8 7 6 5 4 3 2 1

| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |

D  
C  
B  
A

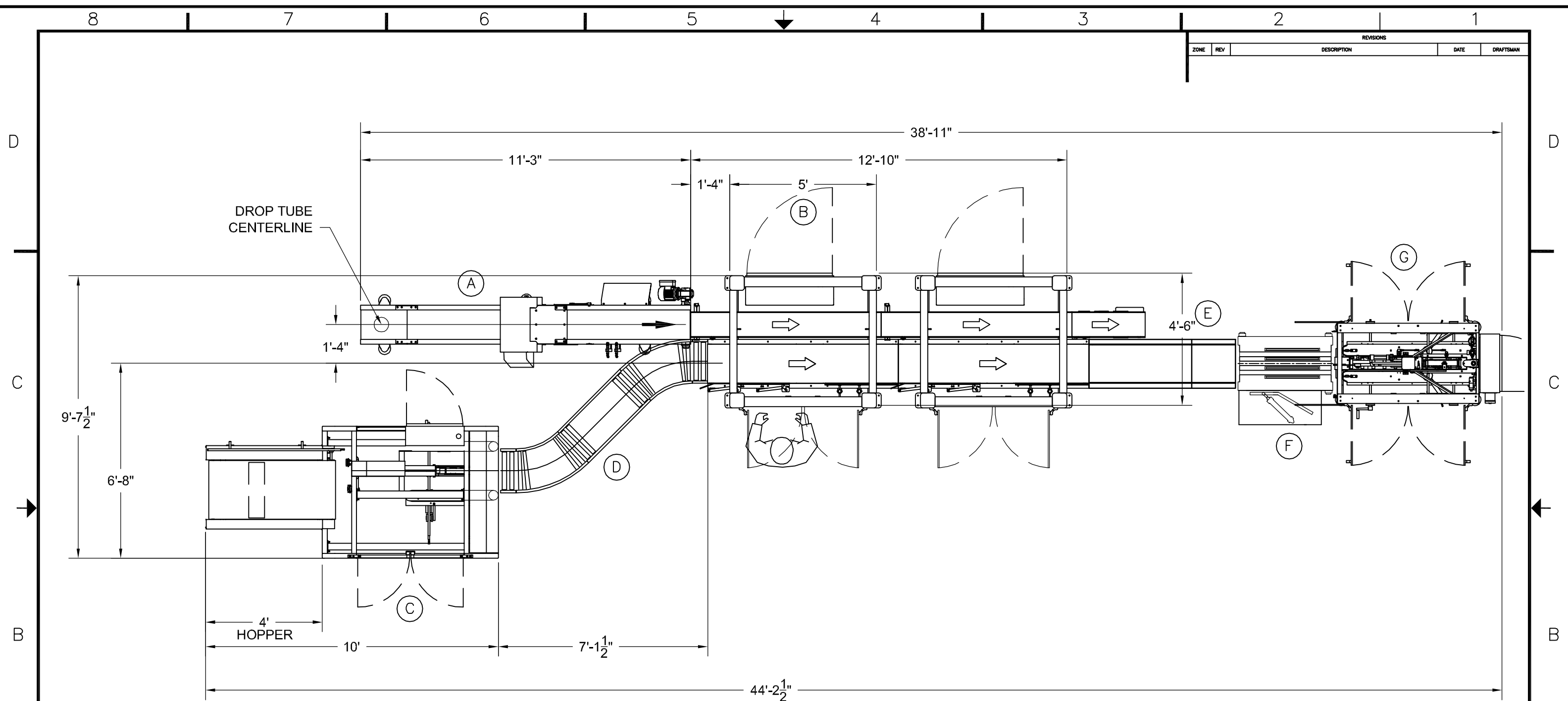


- ITEM DESCRIPTION
- (A) PRODUCT INCLINE CONVEYOR W/METAL DETECT PROVISIONS
  - (B) R-700 SINGLE ADABOT CASE PACKER
  - (C) CE-400 CASE ERECTOR-TAPE  
CE-400-HM CASE ERECTOR-GLUE
  - (D) EMPTY CASE CONV.
  - (E) FULL CASE CONV.
  - (F) CSW CHECKWEIGHER
  - (G) CT-400 CASE CLOSER SEALER-TAPE  
CG-400 CASE CLOSER SEALER-GLUE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                                                                          |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------|-------------------------------|
| <b>FALLAS AUTOMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | CUSTOMER NAME/<br>PLANT LOCATION:                                        |                               |
| 7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | TITLE:<br><b>R700 SINGLE CELL ADABOT<br/>BUDGETARY FLOORPLAN<br/>#20</b> |                               |
| DRAWN BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE:<br><b>B</b> | JOB NUMBER:<br><b>R700-BP-20</b>                                         | DWG NO.:<br><b>R700-BP-20</b> |
| APPROVED BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALE:            | DATE:                                                                    | REV.:<br>-                    |
| CONFIDENTIALITY STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                          |                               |
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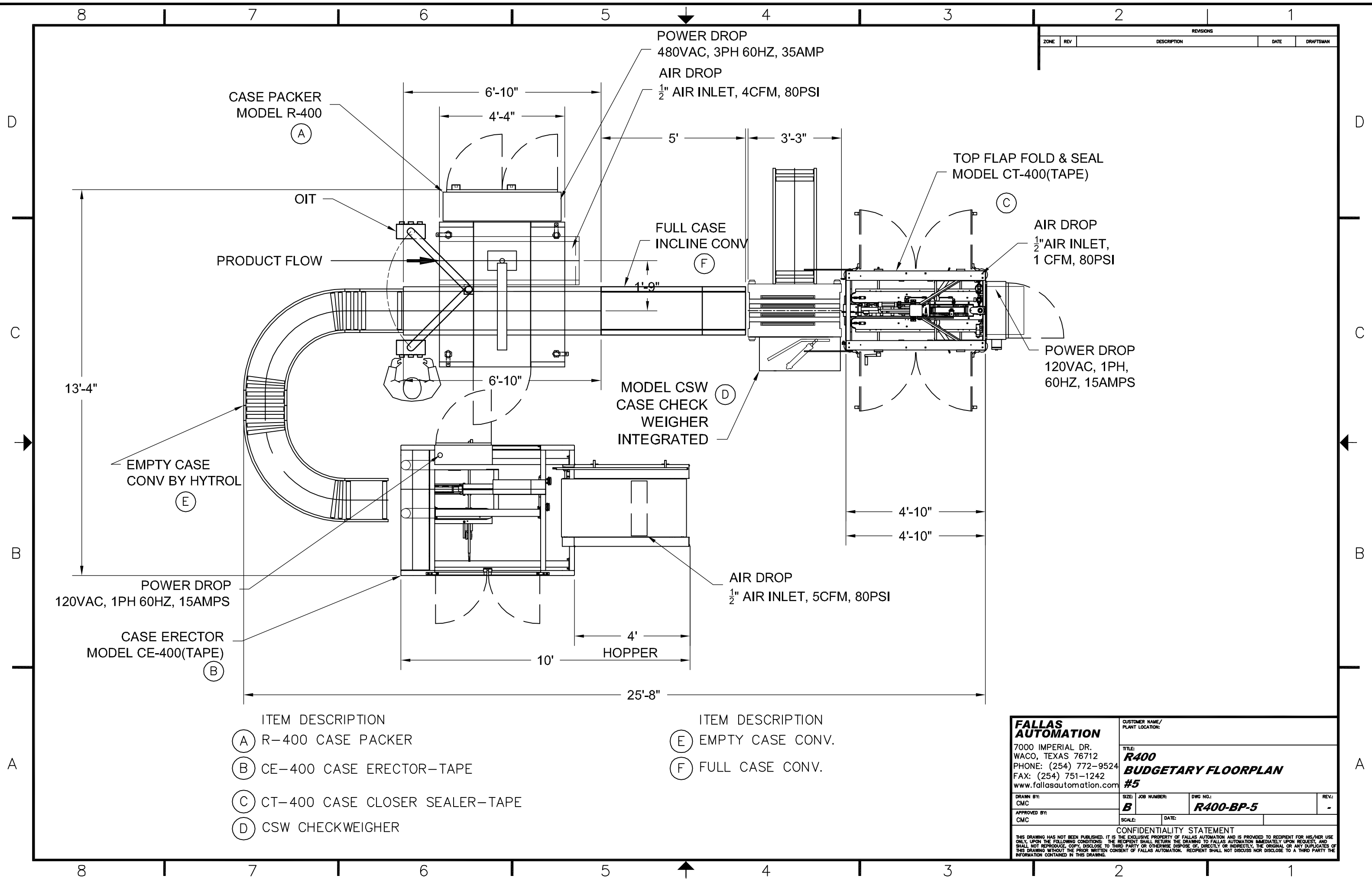
| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |



- ITEM DESCRIPTION
- (A) PRODUCT INCLINE CONVEYOR W/METAL DETECT PROVISIONS
  - (B) R-700 TWIN ADABOT CASE PACKER
  - (C) CE-400 CASE ERECTOR-TAPE
  - (D) EMPTY CASE CONV.
  - (E) FULL CASE CONV.
  - (F) CSW CHECKWEIGHER
  - (G) CT-400 CASE CLOSER SEALER-TAPE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                                                                        |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------|----------|
| <b>FALLAS AUTOMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | CUSTOMER NAME/<br>PLANT LOCATION:                                      |          |
| 7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | TITLE:<br><b>R700 TWIN CELL ADABOT<br/>BUDGETARY FLOORPLAN<br/>#21</b> |          |
| DRAWN BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE:<br><b>B</b> | JOB NUMBER:<br><b>R700-BP-21</b>                                       | DWG NO.: |
| APPROVED BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALE:            | DATE:                                                                  | REV.:    |
| CONFIDENTIALITY STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                        |          |
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| REVISIONS |     |             |      |           |
|-----------|-----|-------------|------|-----------|
| ZONE      | REV | DESCRIPTION | DATE | DRAFTSMAN |
|           |     |             |      |           |

POWER DROP  
480VAC, 3PH 60HZ, 35AMP

AIR DROP  
1/2" AIR INLET, 4CFM, 80PSI

CASE PACKER  
MODEL R-400 (A)

6'-10"

4'-4"

5'

3'-3"

TOP FLAP FOLD & SEAL  
MODEL CT-400(TAPE) (C)

AIR DROP  
1/2" AIR INLET,  
1 CFM, 80PSI

POWER DROP  
120VAC, 1PH,  
60HZ, 15AMPS

OIT

PRODUCT FLOW

FULL CASE  
INCLINE CONV (F)

1'-9"

MODEL CSW  
CASE CHECK  
WEIGHER  
INTEGRATED (D)

6'-10"

4'-10"

4'-10"

EMPTY CASE  
CONV BY HYTROL (E)

13'-4"

POWER DROP  
120VAC, 1PH 60HZ, 15AMPS

CASE ERECTOR  
MODEL CE-400(TAPE) (B)

10'

4'

HOPPER

AIR DROP  
1/2" AIR INLET, 5CFM, 80PSI

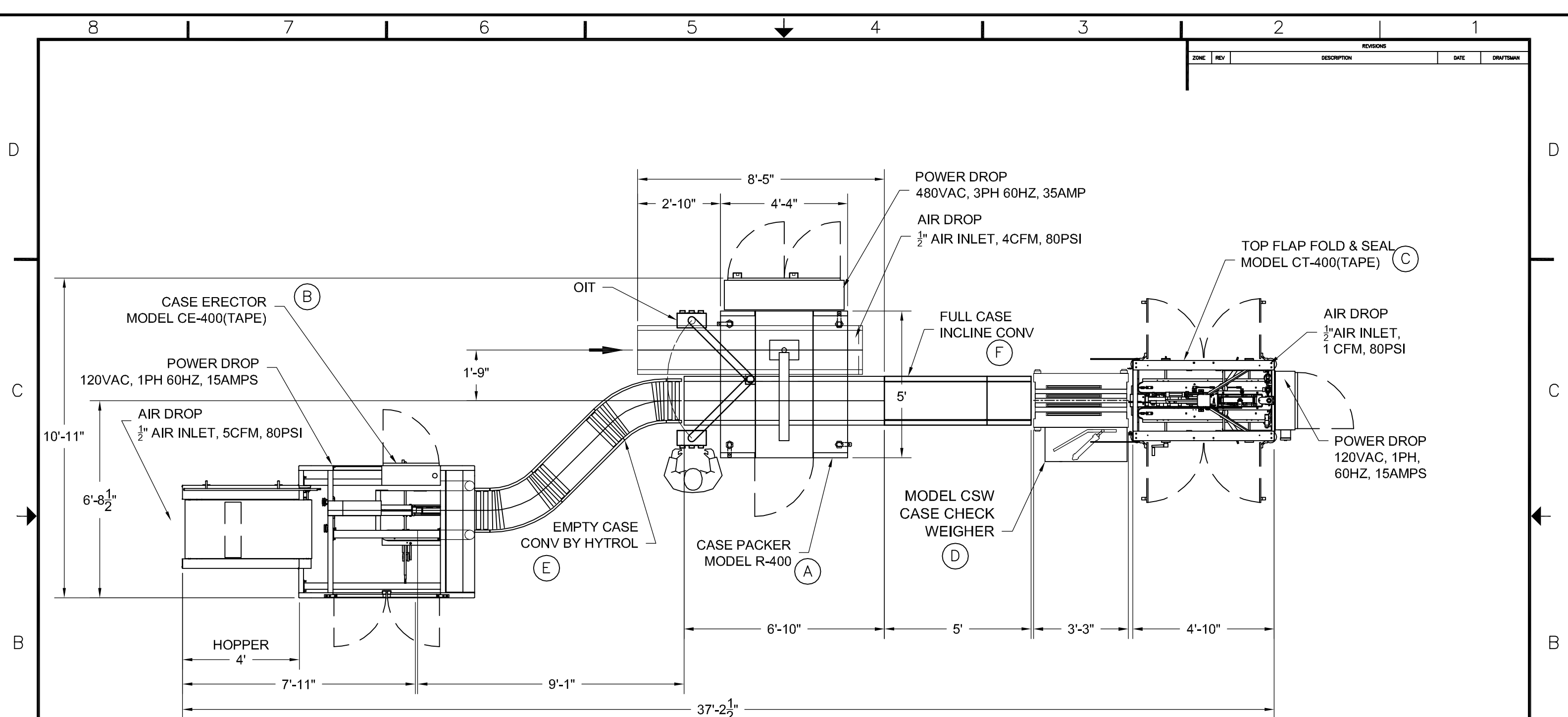
25'-8"

- ITEM DESCRIPTION
- (A) R-400 CASE PACKER
  - (B) CE-400 CASE ERECTOR-TAPE
  - (C) CT-400 CASE CLOSER SEALER-TAPE
  - (D) CSW CHECKWEIGHER

- ITEM DESCRIPTION
- (E) EMPTY CASE CONV.
  - (F) FULL CASE CONV.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------|
| <b>FALLAS<br/>AUTOMATION</b><br>7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CUSTOMER NAME/<br>PLANT LOCATION:                    |                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TITLE:<br><b>R400<br/>BUDGETARY FLOORPLAN<br/>#5</b> |                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SIZE: <b>B</b>                                       | JOB NUMBER:<br><b>R400-BP-5</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | APPROVED BY:<br>CMC                                  | DATE:                           |
| CONFIDENTIALITY STATEMENT<br><small>THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE EXCLUSIVE PROPERTY OF FALLAS AUTOMATION AND IS PROVIDED TO RECIPIENT FOR HIS/HER USE ONLY. UPON THE FOLLOWING CONDITIONS: THE RECIPIENT SHALL RETURN THE DRAWING TO FALLAS AUTOMATION IMMEDIATELY UPON REQUEST, AND SHALL NOT REPRODUCE, COPY, DISCLOSE TO THIRD PARTY OR OTHERWISE DISPOSE OF, DIRECTLY OR INDIRECTLY, THE ORIGINAL OR ANY DUPLICATES OF THIS DRAWING WITHOUT THE PRIOR WRITTEN CONSENT OF FALLAS AUTOMATION. RECIPIENT SHALL NOT DISCUSS NOR DISCLOSE TO A THIRD PARTY THE INFORMATION CONTAINED IN THIS DRAWING.</small> |                                                      |                                 |

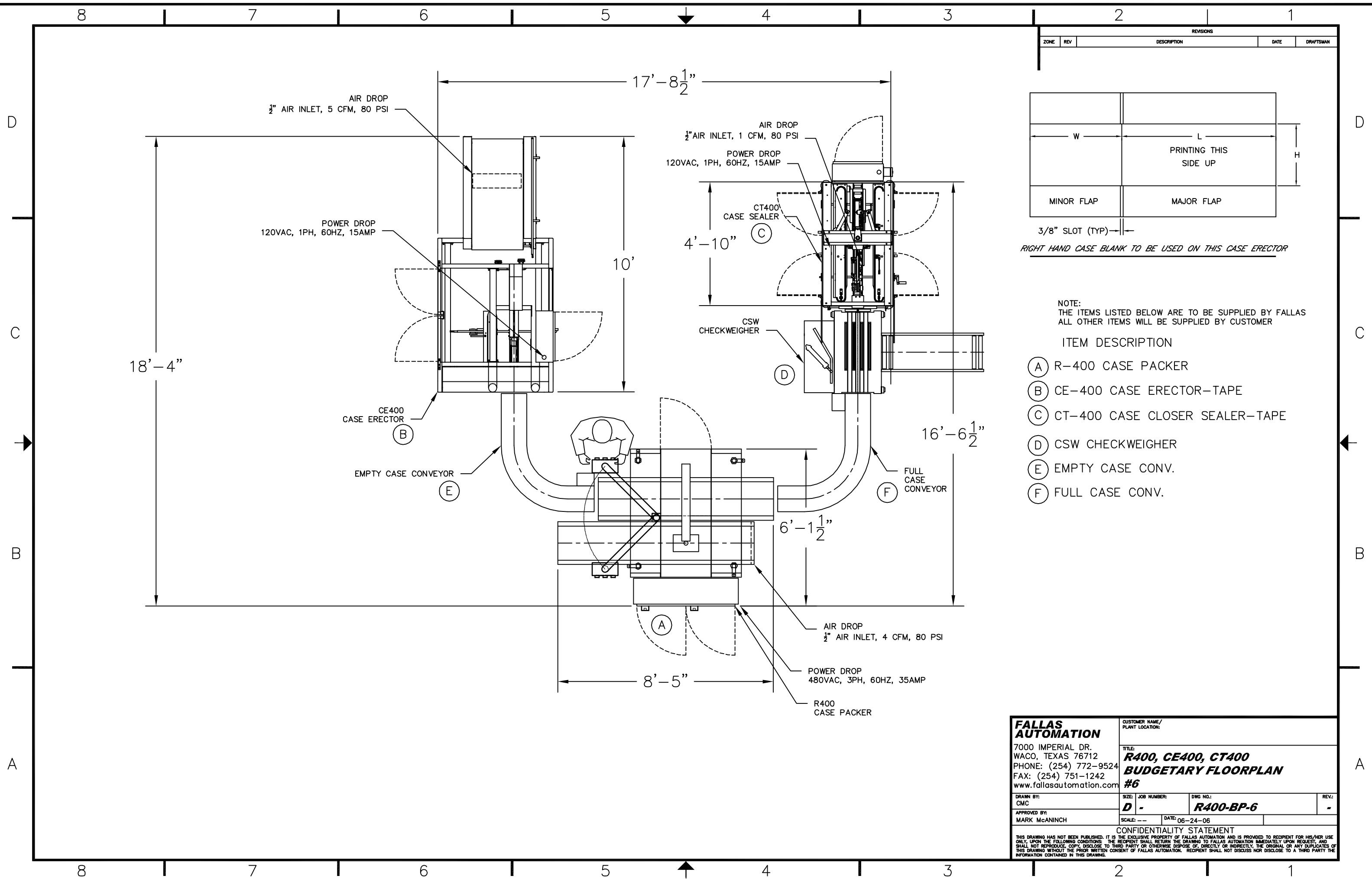
| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |



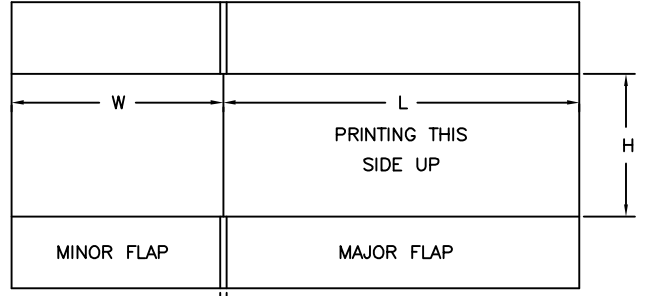
- ITEM DESCRIPTION
- (A) R-400 CASE PACKER
  - (B) CE-400 CASE ERECTOR-TAPE
  - (C) CT-400 CASE CLOSER SEALER-TAPE
  - (D) CSW CHECKWEIGHER

- ITEM DESCRIPTION
- (E) EMPTY CASE CONV.
  - (F) FULL CASE CONV.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                                                      |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------------------------|
| <b>FALLAS AUTOMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | CUSTOMER NAME/<br>PLANT LOCATION:                    |                              |
| 7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | TITLE:<br><b>R400<br/>BUDGETARY FLOORPLAN<br/>#4</b> |                              |
| DRAWN BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE:<br><b>B</b> | JOB NUMBER:                                          | DWG NO.:<br><b>R400-BP-4</b> |
| APPROVED BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALE:            | DATE:                                                | REV.:<br>-                   |
| CONFIDENTIALITY STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                      |                              |
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| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |



RIGHT HAND CASE BLANK TO BE USED ON THIS CASE ERECTOR

NOTE:  
THE ITEMS LISTED BELOW ARE TO BE SUPPLIED BY FALLAS  
ALL OTHER ITEMS WILL BE SUPPLIED BY CUSTOMER

ITEM DESCRIPTION

- (A) R-400 CASE PACKER
- (B) CE-400 CASE ERECTOR-TAPE
- (C) CT-400 CASE CLOSER SEALER-TAPE
- (D) CSW CHECKWEIGHER
- (E) EMPTY CASE CONV.
- (F) FULL CASE CONV.

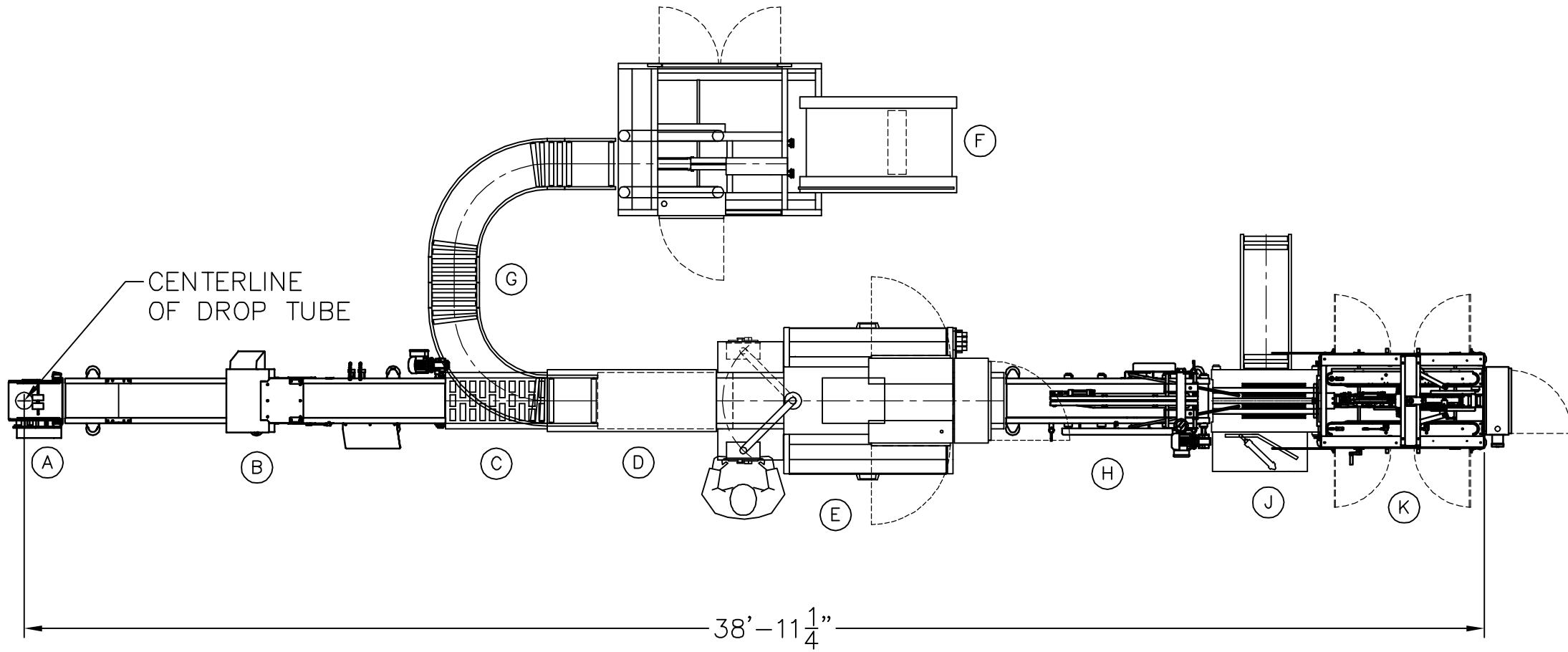
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|------------|
| <b>FALLAS AUTOMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | CUSTOMER NAME/<br>PLANT LOCATION:                                  |            |
| 7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | TITLE:<br><b>R400, CE400, CT400<br/>BUDGETARY FLOORPLAN<br/>#6</b> |            |
| DRAWN BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE:<br><b>D</b> | JOB NUMBER:<br><b>R400-BP-6</b>                                    | REV.:<br>- |
| APPROVED BY:<br>MARK McANINCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SCALE: --         | DATE: 06-24-06                                                     |            |
| CONFIDENTIALITY STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                    |            |
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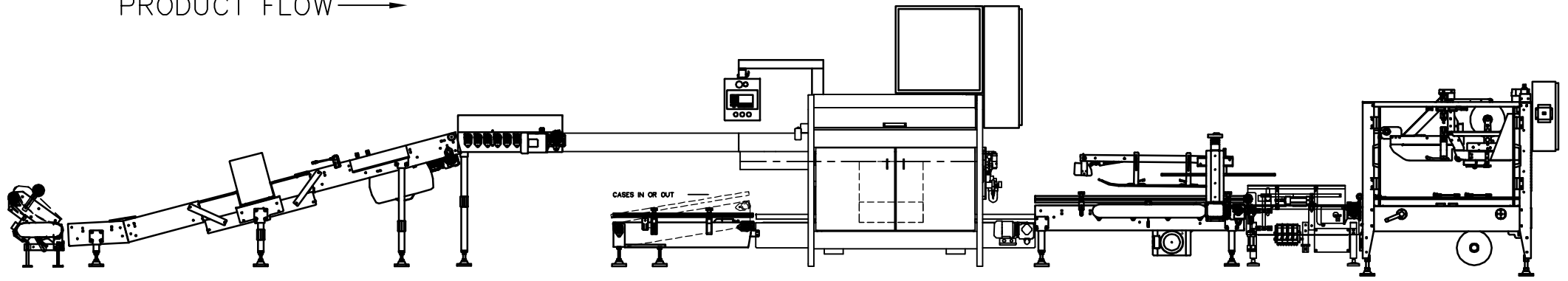
| REVISIONS |     |             |           |
|-----------|-----|-------------|-----------|
| ZONE      | REV | DESCRIPTION | DRAFTSMAN |
|           |     |             |           |

NOTE:  
THE ITEMS LISTED BELOW ARE TO BE SUPPLIED BY FALLAS  
ALL OTHER ITEMS WILL BE SUPPLIED BY CUSTOMER

- (A) POWERED DROP CHUTE FOR FOR POSITIVE DROP CONTROL
- (B) PRODUCT INCLINE W/ PROVISIONS FOR CUSTOMER METAL DETECT/REJECT
- (C) 3' BAG SETTLER
- (D) "B" PATTERN FORMER OR BAG TURNER OR HIGH SPEED MODULE FOR OVER 120 BAGS PER MINUTE
- (E) MODEL G400 GRAVITY DROP CASE PACKER
- (F) MODEL CE400 CASE ERECTOR TAPE SEAL
- (G) EMPTY CASE CONVEYOR
- (H) MODEL CV700 FULL CASE VIBRATOR 6' LONG, 4' & 5' AVAILABLE
- (J) MODEL CSW CASE CHECKWEIGHER/REJECT
- (J) MODEL CT400 CASE TOP CLOSER TAPE SEALER



PRODUCT FLOW →



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                                                               |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------|-------------------------------|
| <b>FALLAS AUTOMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | CUSTOMER NAME/<br>PLANT LOCATION:                             |                               |
| 7000 IMPERIAL DR.<br>WACO, TEXAS 76712<br>PHONE: (254) 772-9524<br>FAX: (254) 751-1242<br>www.fallasautomation.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | TITLE:<br><b>FALLAS FLOORPLAN SOLUTION</b><br><b>G400 #25</b> |                               |
| DRAWN BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE:<br><b>D</b> | JOB NUMBER:<br><b>G400-BP-25</b>                              | DWG NO.:<br><b>G400-BP-25</b> |
| APPROVED BY:<br>CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALE:            | DATE:<br>04-04-08                                             | REV.:                         |
| CONFIDENTIALITY STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                               |                               |
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