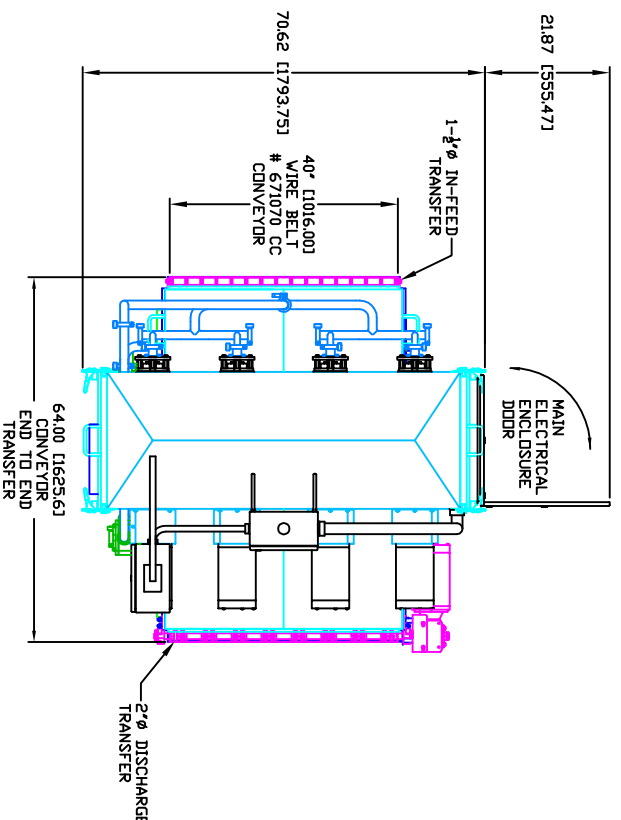
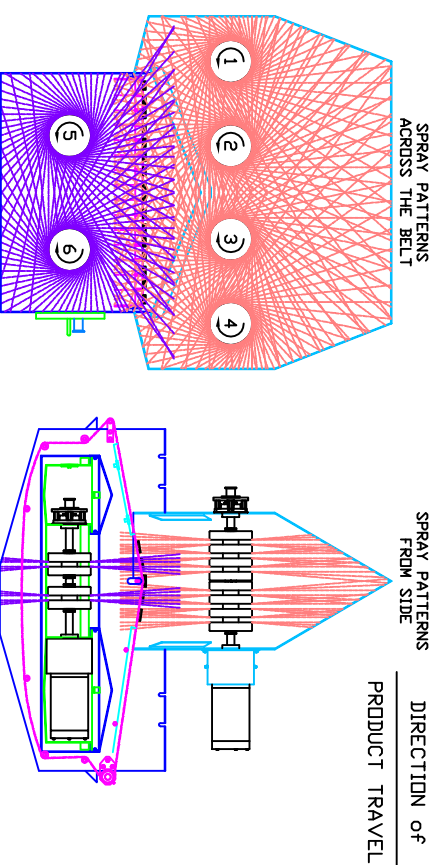
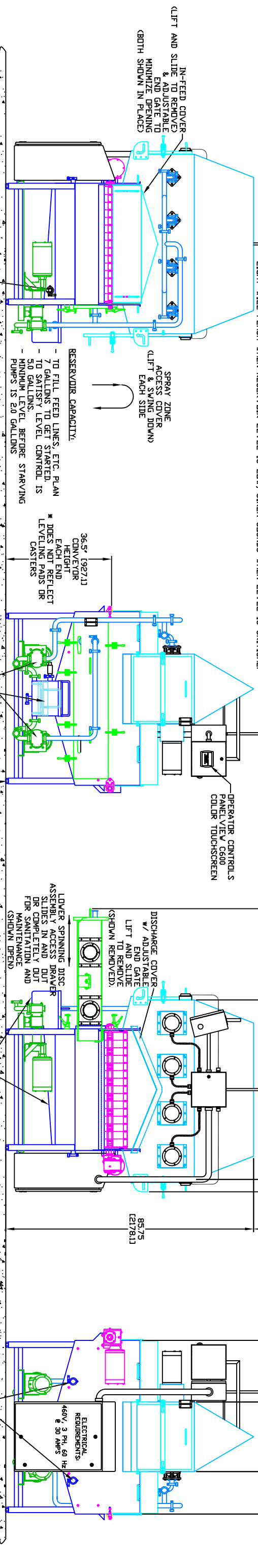


- LEGEND**
- 304 S.S. TANK FABRICATION
 - 304 S.S. ACCESS COVERS
 - 304 S.S. DRAWER ASSEMBLY
 - PATENTED UPPER & LOWER SPINNING DISC FEED PUMPS
 - UPPER & LOWER SPINNING DISC FEED MANIFOLDS
 - UPPER & LOWER SPINNING DISC FEED MANIFOLDS
 - WIRE BELT CONVEYOR ASSEMBLY



- 40" RAS4-40 SPRAY APPLICATOR STANDARD FEATURES:**
- UTILITY REQUIREMENTS - ELECTRICAL: 460V, 3 PH, 60 HZ, @ 30 AMPS.
 - ELECTRICAL COMPONENTS - ALLEN-BRADLEY MICROLOGIX 1100 PLC ALONG WITH ALLEN-BRADLEY COMPONENTS THAT INCLUDE POWERFLEX 4M VARI-DRIVES.
 - ALL COMPONENTS ARE MOUNTED IN A HOFFMAN NEMA4X WATERSHED ENCLOSURE.
 - OPERATOR INTERFACE - PANEL VIEW C600 COLOR SCREEN.
 - OPERATOR INTERFACE INCLUDE:
 - VARIABLE CONVEYOR SPEED FROM 0 TO 90 FEET/MINUTE.
 - VARIABLE SPEED CONTROL OF UPPER AND LOWER ATOMIZER FEED PUMPS.
 - ON/OFF OF THE SPINNING DISC MOTORS = SIX LESSON S.S. PREMIUM DUCK 1 HP AC MOTORS OPERATING AT A CONSTANT SPEED OF 1750 RPM'S AT 60HZ.
 - LEVEL CONTROL CIRCUIT.
 - OTHER SCREENS INCLUDE, RECIPE SCREEN AND LEVEL ALARM ADJUSTMENT SCREEN.
 - ALL OTHER ELECTRICAL ENCLOSURES ARE HOFFMAN S.S. NEMA4X.
 - REDUNDANT 2X SAFETY CIRCUIT INCLUDES E-STOP'S ON EACH SIDE OF THE SPRAY APPLICATOR AND SENSOR MAGNETIC STYLE GUARDS ON UPPER SPINNING DISC ACCESS DOORS AND LOWER SPINNING DISC ACCESS DRAWER.
 - MECHANICAL COMPONENTS INCLUDE:
 - UPPER & LOWER SPINNING DISC FEED PUMPS ARE FLOWTECH UNIBLOC PD-350 S.S. PD LOBE PUMPS COUPLED TO GROVE 2921 RATIO S.S. IN-LINE GEARS W/ C-FACE MOUNTED LESSON S.S. PREMIUM DUCK 1HP AC MOTORS.
 - CONVEYOR BELT IS WIRE BELT # 671070 CC FEATURING THE EZ SPLICE BELT SPLICING SYSTEM AND 2" DIAMETER S.S. DRIVE SPROCKETS DISCHARGE TRANSFER).
 - CONVEYOR DRIVE IS AN ALL STAINLESS GROVE HOLLOW SHAFT GEARBOX DRIVEN BY A C-FACE MOUNTED LESSON S.S. PREMIUM DUCK 1 HP AC MOTOR.
 - BEARINGS ARE DODGE D-L-LOCK SERIES FEATURING USDA APPROVED PLASTIC HOUSING AND S.S. INSERTS.
 - MACHINE DESIGN AND MANUFACTURING ARE BASED ON USDA & BISSC MACHINE DESIGN GUIDELINES.
 - ALL MANUFACTURED COMPONENTS ARE FOOD GRADE AND WASH DOWN DUTY INCLUDING 304/316 S.S. CONSTRUCTION AND WHITE ACETAL (DELRIN) PLASTIC COMPONENTS.
 - ALL PURCHASED PARTS ARE GRADED WASH DOWN DUTY.
 - AN ENDRESS & HAUSER LIQUIPHANT STYLE LEVEL PROBE PROVIDES A DRY CONTACT TO ALLOW A REMOTE FILLING DEVICE SUCH AS A PUMP OR VALVE TO OPERATE (BY OTHERS).

- STATUS LIGHT POLE:**
1. MOTOR STATUS - WHEN RED IS FLASHING ONE OR MORE OF THE NINE MOTORS ON THE APPLICATOR ARE NOT RUNNING DUE TO AN ALARM CONDITION.
 2. MOTOR STATUS - WHEN RED IS LIT STEADY ONE OR MORE MOTORS IS NOT RUNNING.
 3. SIX SPINNING DISC MOTORS - UPPER AND LOWER DISC PUMP MOTORS & CONVEYOR MOTOR.
 3. LEVEL CONTROL - LIGHT WILL FLASH WHEN RESERVOIR LEVEL IS LOW, SIREN SOUNDS WHEN LEVEL IS CRITICAL.



ENDRESS & HAUSER LIQUIPHANT STYLE LEVEL DETECTION.

RESERVOIR CAPACITY:

- TO FILL FEED LINES, ETC. PLAN 7 GALLONS TO GET STARTED.
- TO SATISFY LEVEL CONTROL IS 50 GALLONS.
- MINIMUM LEVEL BEFORE STARVING PUMPS IS 20 GALLONS.

FLOWTECH PD-350 LOBE PUMPS COUPLED TO IN-LINE GEAR & 1 HP AC MOTOR FEED UPPER & LOWER SPINNING DISC ASSEMBLIES.

TWO STAGE REMOVABLE FILTER BASKETS TO FILTER OUT PARTICULATE THAT IS LARGER THAN 1".

DATE RECEIVED	DATE SIGNED OFF	AUTHORIZED BY	AUTHORIZED SIGNATURE	COMMENTS OR AS IS

SALES ENGINEERING DRAWING APPROVAL

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No.	Revision Description	Date	By/APP

RAS4-40 RIGHT HAND SPRAY APPLICATOR SALES DRAWING

Scale: 1 = 1
Date: 06/01/2010
Drawn By: M R Lohkamp
SE-RAS4-40-1053 RH SPRAY APPLICATOR