

Item Number:
Serial Number:
Customer:

SLA007909
BLUE MARBLE PRODUCTIONS INC

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31013084</u>	<u>ILLUSTRATION S-AUTO UPPER LEVEL BOM COMPONENTS GROUPING</u>	<u>1.00000</u>
<u>000002</u>	<u>30248250</u>	<u>FLOORPLAN SLA007909 STD FLOW 5-5-12WZ-5-7-5-5-ES 52EW SS 35RPM 80WD 68X48X12 FS-ENC USSUL(E3) USSUL(E4)</u>	<u>1.00000</u>
<u>000003</u>	<u>30254340</u>	<u>SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400</u>	<u>1.00000</u>
<u>000004</u>	<u>30254341</u>	<u>ILLUSTRATION SLA007909 MACHINE CONNECTION DIAGRAM</u>	<u>1.00000</u>
<u>000100</u>	<u>30240456</u>	<u>PLC BASE LOGIC SL RELEASE MICROLOGIX1400 3 0 7 RS500 V11 1766-L32BXB</u>	<u>1.00000</u>
<u>000101</u>	<u>30248769</u>	<u>HMI BASE LOGIC SL RELEASE 4 0 0 ALLEN-BRADLEY FACTORY TALK V10 PV+7-7IN 640X480 COMMUNICATES WITH RS500</u>	<u>1.00000</u>
<u>AUT000</u>	<u>30138386</u>	<u>ILLUSTRATION AUTOMATION UNIT (AUT) W/ LSC4.0 BREAKOUT</u>	<u>1.00000</u>
<u>AUT001</u>	<u>30181751</u>	<u>AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED</u>	<u>1.00000</u>
<u>AUT002</u>	<u>30138392</u>	<u>CUTTER HEAD ASM 20IN HOT-WIRE</u>	<u>1.00000</u>
<u>AUT004</u>	<u>30182634</u>	<u>AUTOMATION UNIT PASS HEIGHT CONVEYOR MOUNT</u>	<u>1.00000</u>
<u>AUT005</u>	<u>30138401</u>	<u>KIT WIPE-DOWN LOOP 20IN STANDARD LENGTH</u>	<u>1.00000</u>
<u>AUT006</u>	<u>31087773</u>	<u>KIT CABLE LSC 4.0 FESTO VALVE CABLE AND HOT WIRE</u>	<u>1.00000</u>
<u>AUT007</u>	<u>30144871</u>	<u>KIT LSC 4.0 CLAMP 24VDC PNP PROX SWITCHES (SICK)</u>	<u>1.00000</u>
<u>AUT008</u>	<u>31059317</u>	<u>KIT CABLES FOR LSC 4.0 CLAMP (ALLEN-BRADLEY) [FOR USE WITH FESTO VALVES]</u>	<u>1.00000</u>
<u>AUT009</u>	<u>30144884</u>	<u>KIT CONNECTOR NFB HOT WIRE MALE</u>	<u>1.00000</u>
<u>AUT011</u>	<u>30144899</u>	<u>KIT FESTO CPV10 VALVE ASSEMBLY MA05021 STD FLOW</u>	<u>1.00000</u>
<u>CE0100</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>

<u>CE0101</u>	<u>30090000</u>	<u>CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CE0102</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CE0104</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CE0105</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380-480VAC W/ MCP</u>	<u>1.00000</u>
<u>CE0106</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CE0107</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CE0108</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0117</u>	<u>30048033</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT</u>	<u>1.00000</u>
<u>CE0200</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CE0201</u>	<u>30089695</u>	<u>CONVEYOR BED ASM 7-52-SS STD OR RVS FLOW 82.50 LENGTH 22X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CE0202</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CE0204</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CE0205</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380-480VAC W/ MCP</u>	<u>1.00000</u>
<u>CE0206</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CE0207</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CE0208</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0211</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>1.00000</u>

<u>CE0217</u>	<u>30048034</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR 6 FT TO 9 FT</u>	<u>1.00000</u>
<u>CE0300</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CE0301</u>	<u>30090000</u>	<u>CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CE0302</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CE0304</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CE0305</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380- 480VAC W/ MCP</u>	<u>1.00000</u>
<u>CE0306</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CE0307</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CE0308</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0311</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0314</u>	<u>31059919</u>	<u>KIT ULTRASONIC SIDE/END LOAD/UNLOAD SICK SENSOR 24VDC MOUNT (-4 TO 158DEG F)</u>	<u>1.00000</u>
<u>CE0315</u>	<u>30132302</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0316</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>2.00000</u>
<u>CE0317</u>	<u>30048033</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT</u>	<u>1.00000</u>
<u>CE0400</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CE0401</u>	<u>30090000</u>	<u>CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CE0402</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CE0404</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CE0405</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380- 480VAC W/ MCP</u>	<u>1.00000</u>

<u>CE0406</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CE0407</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CE0408</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0411</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>2.00000</u>
<u>CE0414</u>	<u>31059919</u>	<u>KIT ULTRASONIC SIDE/END LOAD/UNLOAD SICK SENSOR 24VDC MOUNT (-4 TO 158DEG F)</u>	<u>1.00000</u>
<u>CE0415</u>	<u>30132302</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CE0416</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>2.00000</u>
<u>CE0417</u>	<u>30048033</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT</u>	<u>1.00000</u>
<u>CE0418</u>	<u>31026549</u>	<u>PLATE END STOP FOR 52 EW SS PWRD CNVR AND 55 EW GRAVITY CNVR</u>	<u>1.00000</u>
<u>CI0100</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CI0101</u>	<u>30090000</u>	<u>CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CI0102</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CI0104</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CI0105</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380- 480VAC W/ MCP</u>	<u>1.00000</u>
<u>CI0106</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CI0107</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CI0108</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CI0111</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CI0117</u>	<u>30048033</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT</u>	<u>1.00000</u>

<u>CI0200</u>	<u>31013083</u>	<u>ILLUSTRATION 4 TO 7 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CI0201</u>	<u>30090000</u>	<u>CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS</u>	<u>1.00000</u>
<u>CI0202</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>2.00000</u>
<u>CI0204</u>	<u>30007776</u>	<u>CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS</u>	<u>1.00000</u>
<u>CI0205</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380-480VAC W/ MCP</u>	<u>1.00000</u>
<u>CI0206</u>	<u>30126049</u>	<u>KIT REFLECTIVE TAPE SS CONVEYOR</u>	<u>1.00000</u>
<u>CI0207</u>	<u>30227167</u>	<u>KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)</u>	<u>1.00000</u>
<u>CI0208</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CI0211</u>	<u>30132303</u>	<u>KIT PHOTOCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CI0217</u>	<u>30048033</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT</u>	<u>1.00000</u>
<u>CW0000</u>	<u>31013085</u>	<u>ILLUSTRATION 10 TO 12 FT POWERED CONVEYOR (CXYY00) BREAKOUT</u>	<u>1.00000</u>
<u>CW0001</u>	<u>30089700</u>	<u>CONVEYOR BED ASM 12-52-SS MARRIED(6+6) STD OR RVS FLOW 142.50 LENGTH 38X ROLLERS 3X LEG MOUNTS</u>	<u>1.00000</u>
<u>CW0002</u>	<u>30022283</u>	<u>CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE</u>	<u>3.00000</u>
<u>CW0004</u>	<u>30026063</u>	<u>CONVEYOR DRIVE ASSY 60 FPM/1 HP/SS/VA STYLE</u>	<u>1.00000</u>
<u>CW0005</u>	<u>31046687</u>	<u>KIT AB POWERFLEX 4M 1HP 380-480VAC W/ MCP</u>	<u>1.00000</u>
<u>CW0008</u>	<u>31069781</u>	<u>KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>CW0017</u>	<u>30048035</u>	<u>LABEL KIT INSTALLATION MOTORIZED CONVEYOR 10 FT TO 15 FT</u>	<u>1.00000</u>
<u>ENC000</u>	<u>30254342</u>	<u>ILLUSTRATION SLA007909 ENCLOSURE LAYOUT 68 X 48 X 12</u>	<u>1.00000</u>
<u>ENC001</u>	<u>30254343</u>	<u>ILLUSTRATION SLA007909 PANEL PLATE LAYOUT 68 X 48</u>	<u>1.00000</u>

<u>ENC002</u>	<u>30173181</u>	<u>ENCLOSURE KIT L-SERIES 68 X 48 X 12 FLOOR MOUNTED W/ MACHINED ENCLOSURE / MACHINED PANEL PLATE</u>	<u>1.00000</u>
<u>ENC005</u>	<u>30210152</u>	<u>KIT PANEL PLATE COMPONENTS/ 2 PDB'S/ A-B 20A 24VDC PWR SUPPLY/ 3A 3P CB AND UL489 BREAKERS OUTPUT</u>	<u>1.00000</u>
<u>ENC006</u>	<u>31041980</u>	<u>KIT DISCONNECT 60A CLASS J/ROTARY IEC STYLE/NFPA 79 INTERNAL INTERLOCK/BLACK HANDLE and 60A CLASS J FUSES FINGER SAFE</u>	<u>1.00000</u>
<u>ENC008</u>	<u>30150054</u>	<u>PLC KIT AB MICROLOGIX 1400/3-16PT DIGITAL INPUT/2-16PT DIGITAL OUTPUT W/CABLE CHANNEL 0 (8-PIN DIN) TO RS-485 (6-PIN PHOENIX)</u>	<u>1.00000</u>
<u>ENC009</u>	<u>30132824</u>	<u>PLC PROCESSOR MICROLOGIX 1400 12 DIGITAL FAST 24V DC INPUTS 8 DIGITAL 24V DC INPUTS 6 RELAY OUTPUTS 3 FAST 24V DC OUTPUTS 3 NORMAL 24V DC OUTPUTS</u>	<u>1.00000</u>
<u>ENC010</u>	<u>30236486</u>	<u>KIT SL ENCLOSURE TERMINAL ASSEMBLY ALLEN BRADLEY 1492-L SPRING-CLAMP</u>	<u>1.00000</u>
<u>ENC016</u>	<u>31036539</u>	<u>KIT STACK LIGHT MTG BASE 80CM EXTENSION GREEN LED LIGHT and SOUND MODULE</u>	<u>1.00000</u>
<u>ENC019</u>	<u>30220853</u>	<u>KIT HOT WIRE CUTTER CONTROLS FOR UP TO 30IN HOT WIRE W/ A-B UL489 BREAKER / 9A CONTACTOR / NO TERMINALS</u>	<u>1.00000</u>
<u>ENC020</u>	<u>30150064</u>	<u>KIT RELAYS INTERFACE 4 SPDT A-B 700-HL W/INDICATORS</u>	<u>1.00000</u>
<u>ENC028</u>	<u>30183666</u>	<u>KIT AB POWERFLEX 525 3HP 380-480VAC W/ MCP / BRAKE RESISTOR</u>	<u>1.00000</u>
<u>ENC029</u>	<u>30183665</u>	<u>KIT AB POWERFLEX 525 2HP 380-480VAC W/ MCP / BRAKE RESISTOR / SLIM LINE RELAY</u>	<u>1.00000</u>
<u>ENC030</u>	<u>30183667</u>	<u>KIT AB POWERFLEX 525 2HP 380-480VAC W/ MCP</u>	<u>1.00000</u>
<u>ENC031</u>	<u>30150033</u>	<u>KIT COMMONING LINKS FOR THE 3 MAIN WRAPPER DRIVES (AB 140M-C FRAME SYSTEM)</u>	<u>1.00000</u>
<u>ENC033</u>	<u>30190588</u>	<u>KIT COMMONING LINKS FOR A 7 AB 140-C FRAME SYSTEM FOR VFD</u>	<u>1.00000</u>

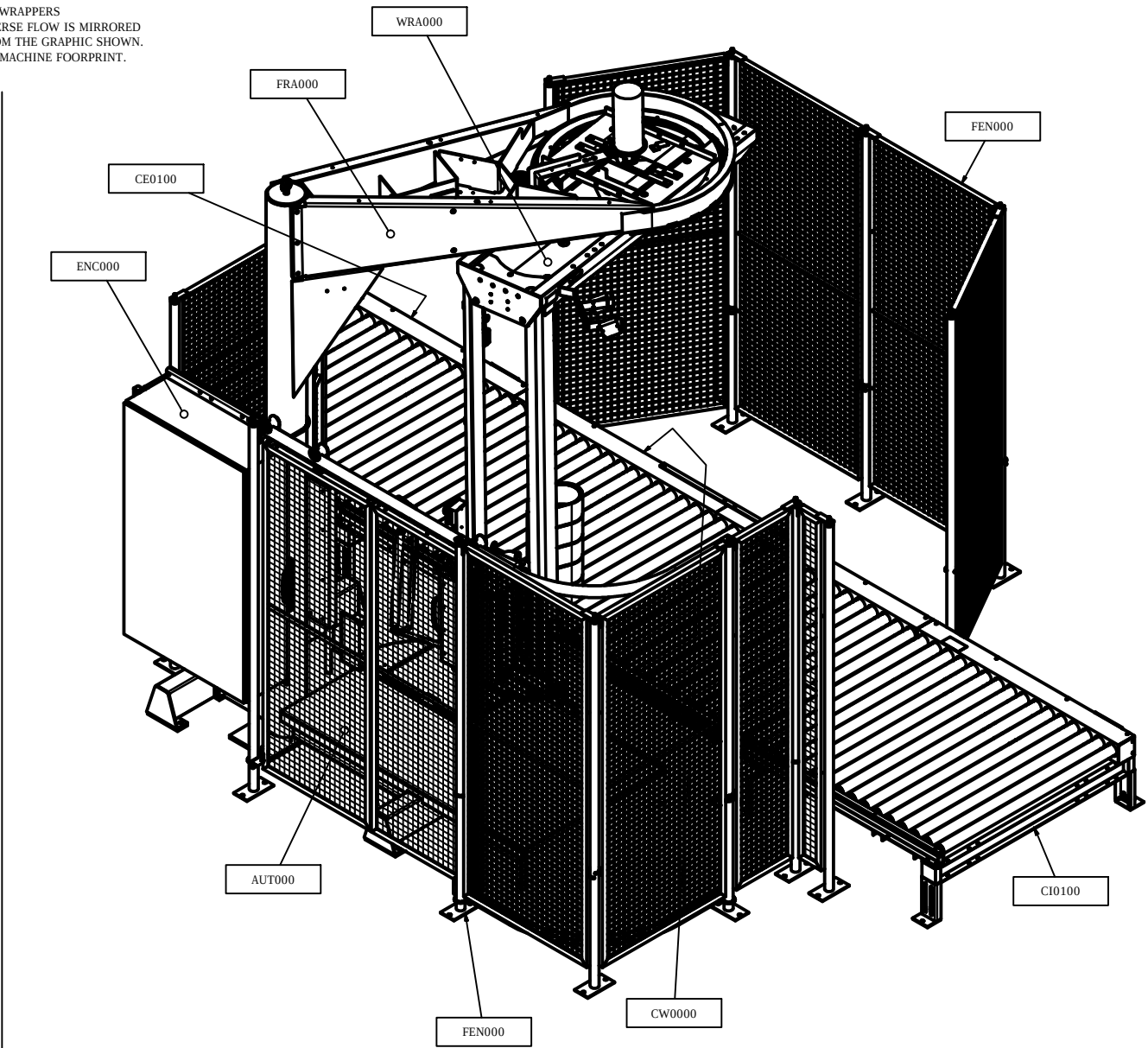
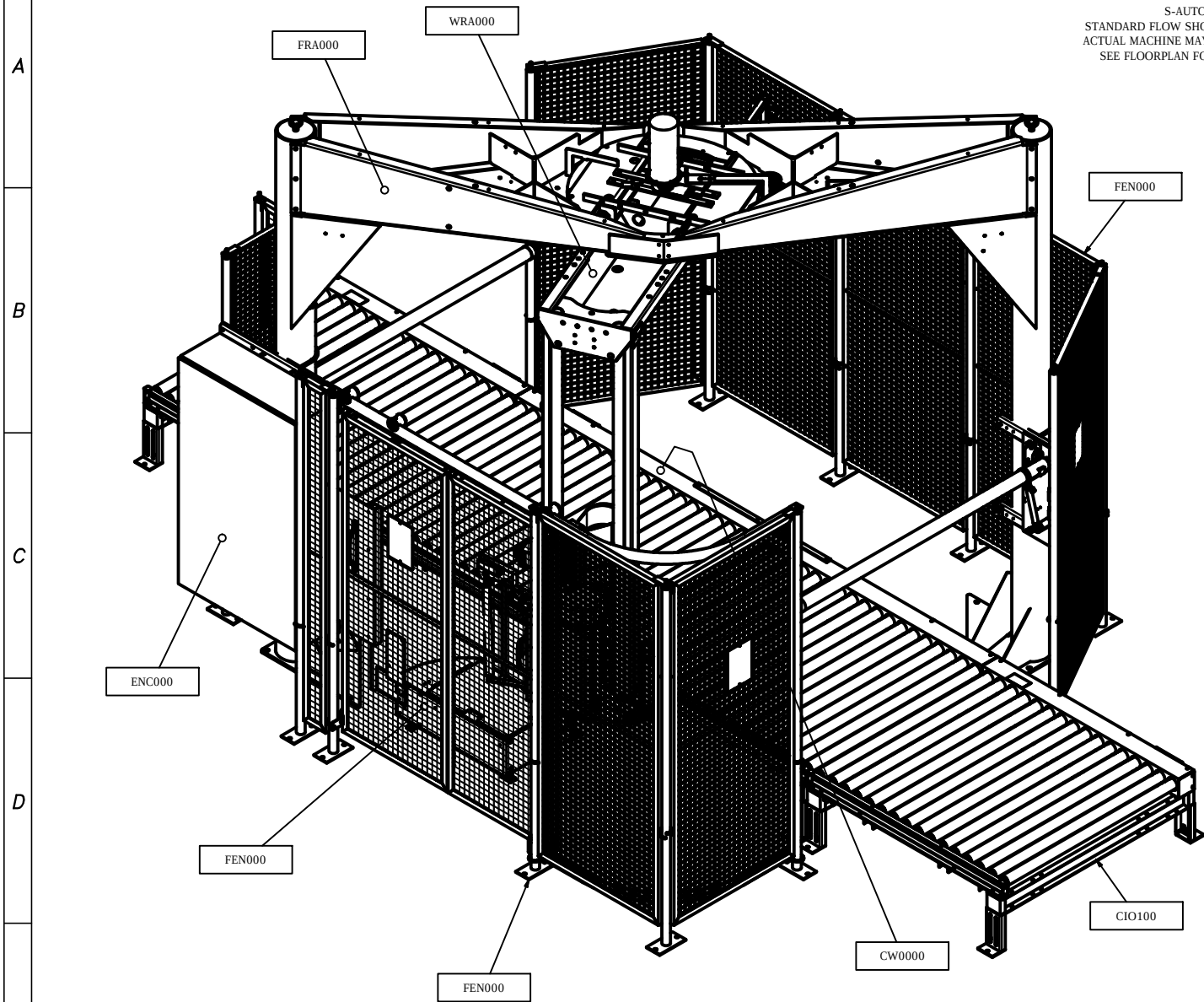
<u>ENC034</u>	<u>30220857</u>	<u>KIT (60A DISCONNECT USED) - (2) 43A 100-S AB CONTACTORS (1) SAFETY RELAY WITH DELAYED OUTPUTS and CPU SHUTDOWN RELAY</u>	<u>1.00000</u>
<u>ENC036</u>	<u>30124779</u>	<u>RELAY SAFETY 24V AC/DC 3 NO SAFETY OUTPUTS 1 NC AUXILIARY OUTPUT (MINOTAUR MSR127TP) AUTOMATIC/MANUAL RESET</u>	<u>1.00000</u>
<u>ENC037</u>	<u>30124736</u>	<u>RELAY GENERAL PURPOSE ELECTROMECHANICAL RELAY OUTPUT 300VAC-6A/24VDC-1A SPDT W/ SPRING CLAMP CONNECTIONS 24VDC COIL 700-TBR24</u>	<u>1.00000</u>
<u>ENC038</u>	<u>30124736</u>	<u>RELAY GENERAL PURPOSE ELECTROMECHANICAL RELAY OUTPUT 300VAC-6A/24VDC-1A SPDT W/ SPRING CLAMP CONNECTIONS 24VDC COIL 700-TBR24</u>	<u>1.00000</u>
<u>ENC105</u>	<u>31023261</u>	<u>TERMINAL JUMPER 20-WAY GRAY CAN BE CUT TO LENGTH</u>	<u>1.00000</u>
<u>FDS000</u>	<u>31073341</u>	<u>ILLUSTRATION FILM DELIVERY BREAKOUT (FDS000) SSN</u>	<u>1.00000</u>
<u>FDS001</u>	<u>30166587</u>	<u>FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER</u>	<u>1.00000</u>
<u>FDS002</u>	<u>30124590</u>	<u>KIT PRE-STRETCH ROLLER FDS 20IN METRIC KYWY OPEN CELL</u>	<u>1.00000</u>
<u>FDS003</u>	<u>30141716</u>	<u>DRIVE KIT MPS PRS+ 145TC 35-40RPM W/O MOTOR</u>	<u>1.00000</u>
<u>FDS005</u>	<u>30132115</u>	<u>PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB</u>	<u>1.00000</u>
<u>FDS009</u>	<u>30124593</u>	<u>PRE-STRETCH KIT 225% ROLLER STRETCH METRIC PITCH AND KYWY/SAE BORE WITH TENSIONER ASSEMBLY</u>	<u>1.00000</u>
<u>FDS010</u>	<u>30056845</u>	<u>FILM DELIVERY SYSTEM KIT GRAY HAIRCELL COVER STD FLOW</u>	<u>1.00000</u>
<u>FDS011</u>	<u>30176808</u>	<u>KIT PALLET HEIGHT SENSING INTELLISENSOR STD FLOW PALLET GRIP (CARRIAGE MOUNTED) LOAD GUARDIAN</u>	<u>1.00000</u>
<u>FDS012</u>	<u>30132304</u>	<u>KIT PALLET HEIGHT SENSING CABLE ALLEN-BRADLEY</u>	<u>1.00000</u>

<u>FDS014</u>	<u>30144980</u>	<u>KIT FILM CORE DETECTION (ALLEN-BRADLEY)</u>	<u>1.00000</u>
<u>FDS015</u>	<u>30132305</u>	<u>KIT FILM CORE SENSING CABLE ALLEN-BRADLEY</u>	<u>1.00000</u>
<u>FDS016</u>	<u>30168097</u>	<u>KIT NFB FDS TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492 SPRING-CLAMP W/E-RAIL</u>	<u>1.00000</u>
<u>FDS021</u>	<u>30124595</u>	<u>FILM DELIVERY SYSTEM S1 and RS2 ENCODERS W/MOUNTS NFB</u>	<u>1.00000</u>
<u>FEN000</u>	<u>30152537</u>	<u>ILLUSTRATION FENCE (FEN) L-SERIES UPPER LEVEL BOM BREAKOUT</u>	<u>1.00000</u>
<u>FEN001</u>	<u>30221321</u>	<u>FENCE ASM SL-SERIES STD/RVS FLOW (FEN001) 40-30-30-40-10-G-30-20</u>	<u>1.00000</u>
<u>FEN002</u>	<u>30232899</u>	<u>FENCE GATE ASM LEAN SERIES LEFT-HAND OR RIGHT-HAND SWINGING GATE SCHMERSAL GATE SWITCH</u>	<u>1.00000</u>
<u>FEN003</u>	<u>30221319</u>	<u>FENCE ASM SL-SERIES STD/RVS FLOW (FEN003)</u>	<u>1.00000</u>
<u>FEN004</u>	<u>30051706</u>	<u>LABEL INSTALLATION PLATE KIT WITH MOUNTING HARDWARE FOR SAFETY FENCING DOOR AND PANEL (PAINTED) (DOES NOT INCLUDE LABEL)</u>	<u>5.00000</u>
<u>FEN005</u>	<u>30220852</u>	<u>KIT SAFETY GATE SWITCH SCHMERSAL AZM 200 FOR RIGHT SIDE HINGED GATE WITH INTEGRAL UNLOCK BUTTON FOR SWITCH CENTER MOUNT DOOR 10M CABLE</u>	<u>1.00000</u>
<u>FEN014</u>	<u>30151210</u>	<u>TUBE FAB GATE SUPPORT 40IN</u>	<u>1.00000</u>
<u>FEN015</u>	<u>30247287</u>	<u>KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L</u>	<u>1.00000</u>
<u>FRA000</u>	<u>30132024</u>	<u>ILLUSTRATION NFB FRA (FRA) BREAKOUT</u>	<u>1.00000</u>
<u>FRA001</u>	<u>30166763</u>	<u>BASE ASM TWO LEG TOP FRAME 5 HOLE (WITH THREADED RIVET NUTS) FOR FIXTURE V2</u>	<u>1.00000</u>
<u>FRA002</u>	<u>30193290</u>	<u>BEARING ASM - MULTI-ENVIRONMENT W/TOP FRAME ADAPTER PLATE BOLTED - METRIC</u>	<u>1.00000</u>
<u>FRA003</u>	<u>30002319</u>	<u>STEEL PIPE 8 X SCH 40 X 137-7/8 (WH+PH=98)</u>	<u>2.00000</u>

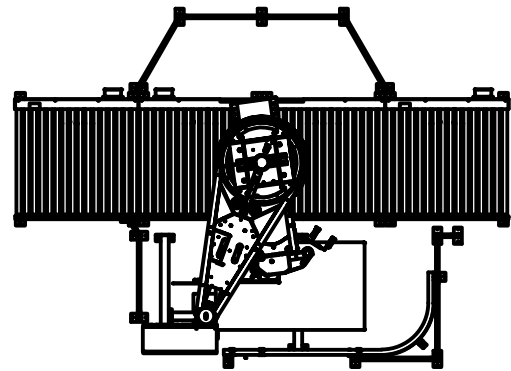
<u>FRA004</u>	<u>30166767</u>	<u>KIT LEG ASM STD NFB 5 HOLE TWO LEG BASE MOUNT FREE STANDING ENCLOSURE FOR FIXTURE V2</u>	<u>1.00000</u>
<u>FRA005</u>	<u>30132233</u>	<u>GATE ASM RR STD NFB W/BIMBA CYLINDER W/O VALVES</u>	<u>1.00000</u>
<u>FRA006</u>	<u>30220865</u>	<u>KIT PNEUMATIC RR GATES VALVES 24VDC (FESTO)</u>	<u>1.00000</u>
<u>FRA007</u>	<u>31031376</u>	<u>CONTROL KIT S-25/3500 RAILROAD GATE 24VDC PNP PROX SWITCHES FOR V290 CONTROLLER</u>	<u>1.00000</u>
<u>FRA008</u>	<u>30220867</u>	<u>KIT RAILROAD GATE CONTROL CABLES FOR SL-SERIES FESTO VALVES (ALLEN-BRADLEY)</u>	<u>1.00000</u>
<u>FRA009</u>	<u>30048047</u>	<u>LABEL KIT INSTALLATION S-SERIES RAIL ROAD GATE</u>	<u>1.00000</u>
<u>FRA015</u>	<u>30132233</u>	<u>GATE ASM RR STD NFB W/BIMBA CYLINDER W/O VALVES</u>	<u>1.00000</u>
<u>FRA016</u>	<u>30220865</u>	<u>KIT PNEUMATIC RR GATES VALVES 24VDC (FESTO)</u>	<u>1.00000</u>
<u>FRA017</u>	<u>31031376</u>	<u>CONTROL KIT S-25/3500 RAILROAD GATE 24VDC PNP PROX SWITCHES FOR V290 CONTROLLER</u>	<u>1.00000</u>
<u>FRA018</u>	<u>30220867</u>	<u>KIT RAILROAD GATE CONTROL CABLES FOR SL-SERIES FESTO VALVES (ALLEN-BRADLEY)</u>	<u>1.00000</u>
<u>FRA019</u>	<u>30048047</u>	<u>LABEL KIT INSTALLATION S-SERIES RAIL ROAD GATE</u>	<u>1.00000</u>
<u>FRA025</u>	<u>30144838</u>	<u>COLLECTOR RING ASM 24 CONDUCTOR PRECISION BEARING W/MOUNTS AND PLUGS STANDARD DESIGN NFB W/O ENCODER</u>	<u>1.00000</u>
<u>FRA042</u>	<u>30237634</u>	<u>KIT LUBE LABEL - PRECISION/ENGLISH</u>	<u>1.00000</u>
<u>HMI000</u>	<u>30220961</u>	<u>ILLUSTRATION HMI CONSOLE ENCLOSURE LAYOUT 16 X 20 FOR AB PV+7 700 OR SIEMENS TP700</u>	<u>1.00000</u>
<u>HMI002</u>	<u>30220951</u>	<u>ENCLOSURE CONSOLE 16 X 20 MACHINED FOR AB PV+7 700 (EXPANDABLE)</u>	<u>1.00000</u>
<u>HMI003</u>	<u>30238883</u>	<u>KIT HMI 16 X 20 CONSOLE - MOUNTS TO FENCE MESH AND FRAME</u>	<u>1.00000</u>
<u>HMI010</u>	<u>30202762</u>	<u>KIT L-SERIES FENCE MOUNTED CONSOLE J-BOX TERMINAL ASSEMBLY ALLEN-BRADLEY 1492-L SPRING-CLAMP</u>	<u>1.00000</u>

<u>HMI011</u>	<u>30205691</u>	<u>DISPLAY TOUCH SCREEN PANELVIEW PLUS 7 PERFORMANCE 700 COLOR ETHERNET DLR/ 24VDC</u>	<u>1.00000</u>
<u>HMI012</u>	<u>30220801</u>	<u>KIT 10 METER CROSSOVER ETHERNET CABLE W/ CABTITE CABLE ENTRY SYSTEM</u>	<u>1.00000</u>
<u>HMI014</u>	<u>30164907</u>	<u>KIT OPERATOR 'EMERGENCY STOP' 22.5MM NON-ILLUMINATED TWIST- TO-RELEASE 1NO/2NC WITH BLANK NAMEPLATE</u>	<u>1.00000</u>
<u>HMI048</u>	<u>30152458</u>	<u>KIT HMI CONSOLE CABLE FITTINGS</u>	<u>1.00000</u>
<u>HMI049</u>	<u>30132165</u>	<u>KIT CONNECTOR L-SERIES FRONT FENCE CN-6</u>	<u>1.00000</u>
<u>MCC000</u>	<u>30152568</u>	<u>SCHEMATIC PNEUMATIC SL AUTOMATION UNIT WITH FESTO FRL AND FESTO VALVES CAT 3</u>	<u>1.00000</u>
<u>MCC001</u>	<u>30152536</u>	<u>SCHEMATIC PNEUMATIC S-25/35 RR GATE VALVES (FESTO)</u>	<u>1.00000</u>
<u>MCC002</u>	<u>30144869</u>	<u>KIT NFB 24VDC PNP PROX SWITCHES (SICK)</u>	<u>1.00000</u>
<u>MCC003</u>	<u>30247295</u>	<u>CONTROL KIT L-SERIES 15/25/35 RPM 24VDC PNP PHOTOCELLS (SICK)</u>	<u>1.00000</u>
<u>MCC004</u>	<u>30220881</u>	<u>KIT CABLES FOR L-SERIES 15/25/35 RPM CONTROLS (ALLEN-BRADLEY)</u>	<u>1.00000</u>
<u>MCC005</u>	<u>30150078</u>	<u>MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E</u>	<u>1.00000</u>
<u>MCC006</u>	<u>30226127</u>	<u>DRIVE KIT S-3500/S-4000 WRAP ARM AND FDS LIFT 182TC/145TC INPUT 35RPM W/O AC MOTORS OR BRAKE (-10 TO 105F) COST SAVINGS</u>	<u>1.00000</u>
<u>MCC009</u>	<u>30209200</u>	<u>KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/MTG PLATE / W/O GAUGES</u>	<u>1.00000</u>
<u>MCC012</u>	<u>30173890</u>	<u>ENCLOSURE ASM 4 X 4 X 3 REMOTE E-STOP 22.5MM NON-ILLUMINATED W/ 1NO/2NC CONTACT BLOCKS AND FENCE MOUNT BRACKET BLANK NAMEPLATE</u>	<u>1.00000</u>
<u>MCC013</u>	<u>30220882</u>	<u>KIT SL-SERIES J-BOXES FOR CONNECTORS W/FITTINGS (PLASTIC - FILM DELIVERY) (METAL - TOP FRAME/WRAP ARM)</u>	<u>1.00000</u>

<u>MCC014</u>	<u>30220886</u>	<u>KIT SL-SERIES TERMINAL ASSEMBLY ALLEN-BRADLEY 1492-L SPRING-CLAMP</u>	<u>1.00000</u>
<u>MCC015</u>	<u>30220871</u>	<u>KIT CONNECTORS SL-SERIES TOP FRAME POWER CN-1A AND CONTROL CN-1B / REAR FENCE DB-7</u>	<u>1.00000</u>
<u>MCC016</u>	<u>30220868</u>	<u>KIT DISTRIBUTION BLOCKS SL-SERIES FRONT/REAR RAILROAD GATE</u>	<u>1.00000</u>
<u>MCC019</u>	<u>31011610</u>	<u>KIT CONDUIT MOUNTING FOR REAR OF MACHINE 80IN WH</u>	<u>1.00000</u>
<u>MCC030</u>	<u>30211029</u>	<u>KIT SL GAUGES / FESTO / PSI-RG / CAT 3 / NO LOAD LIFT</u>	<u>1.00000</u>
<u>MSC001</u>	<u>30116742</u>	<u>LABEL KIT INSTALLATION SLA (MACHINE LEVEL)</u>	<u>1.00000</u>
<u>MSC002</u>	<u>30160610</u>	<u>SHIPPING KIT S-2500/S-3500/S-4000 5/8 EPOXY ANCHORS GEOMET TOP FRAME BOLTS</u>	<u>1.00000</u>
<u>MSC005</u>	<u>30133190</u>	<u>MANUAL S SERIES NO FILM BREAK GLOBAL TEXT 5/2009 (ENGLISH VERSION)</u>	<u>1.00000</u>
<u>MSC006</u>	<u>30125351</u>	<u>LABEL KIT INSTALLATION PALLET GRIP STD FLOW S-SERIES</u>	<u>1.00000</u>
<u>MSC055</u>	<u>30212750</u>	<u>KIT CFT-6 MACHINE MOUNTED</u>	<u>1.00000</u>
<u>WRA000</u>	<u>30132010</u>	<u>ILLUSTRATION NFB WRAP ARM (WRA) BREAKOUT</u>	<u>1.00000</u>
<u>WRA001</u>	<u>30159968</u>	<u>WRAP ARM ASM S-25/35 80 (2030MM)WH 60/70/80/90WD / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS) / SLA</u>	<u>1.00000</u>
<u>WRA003</u>	<u>30166017</u>	<u>KIT FILM DELIVERY SYSTEM ELEVATOR ENCODER 6 PPR EXTENDED BASE ENCODER MOUNT</u>	<u>1.00000</u>



MODULE DESIGNATORS	
ITEM	DESCRIPTION
AUT000	AUTOMATION UNIT
CE0100	EXIT CONVEYOR 1
CIO100	INFEED CONVEYOR 1
CW0000	WRAP ZONE CONVEYOR
ENC000	MACHINE CONTROL ENCLOSURE
FDS000	FILM DELIVERY SYSTEM
FEN000	FENCE MODULES
FRA000	FRAME MODULES
MCC000	MACHINE CONTROL COMPONENTS
MSC000	MISCELLANEOUS
WRA000	WRAP ARM MODULE



ON ALL CONVEYOR DESIGNATIONS:
X = TYPE OF CONVEYOR.
(I FOR INFEED, W FOR WRAP ZONE AND E FOR EXIT.)
YY= POSITION OF CONVEYOR.

A

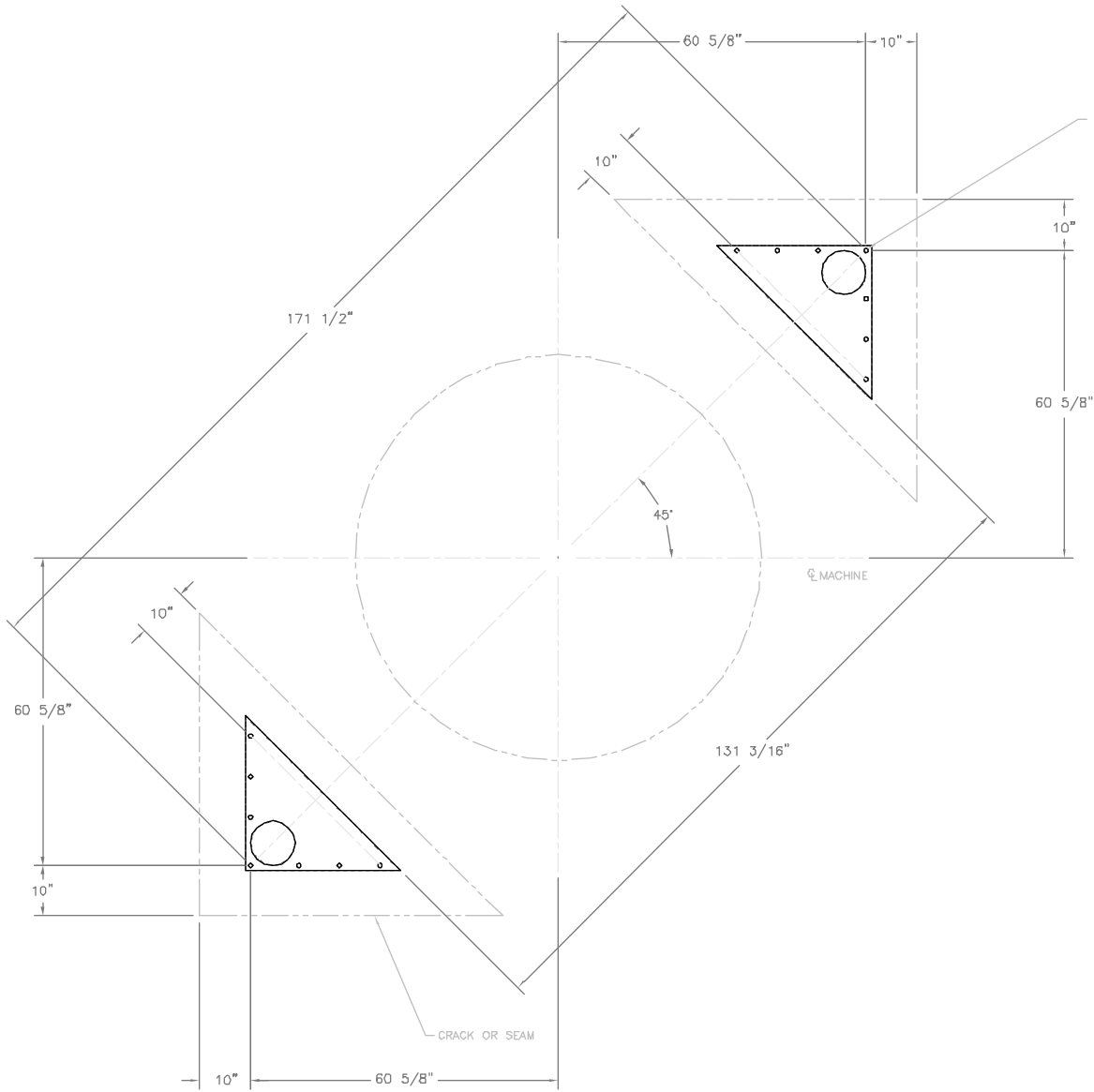
B

C

D

E

F



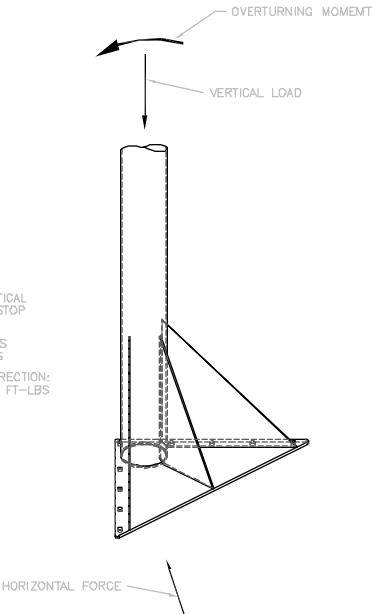
ANCHORS TO BE SECURED TO A CONCRETE FOUNDATION THAT HAS:
3000 PSI MINIMUM COMPRESSIVE STRENGTH
6 INCH MINIMUM NOMINAL THICKNESS

WARNING:
MACHINE ANCHORS SHOULD BE INSTALLED NO CLOSER
THAN 10" TO A CRACK OR JOINT IN THE CONCRETE FLOOR

REACTIONS ON FLOOR AT CENTER OF VERTICAL
LEG FOR A MACHINE UNDER EMERGENCY STOP
CONDITIONS.

MAXIMUM VERTICAL LOAD = 2,200 LBS
MINIMUM VERTICAL LOAD = 1,400 LBS

FOLLOWING LOADS CAN BE IN ANY DIRECTION:
MAX. OVERTURNING MOMENT = 5,200 FT-LBS
MAX HORIZONTAL FORCE = 820 LBS



A

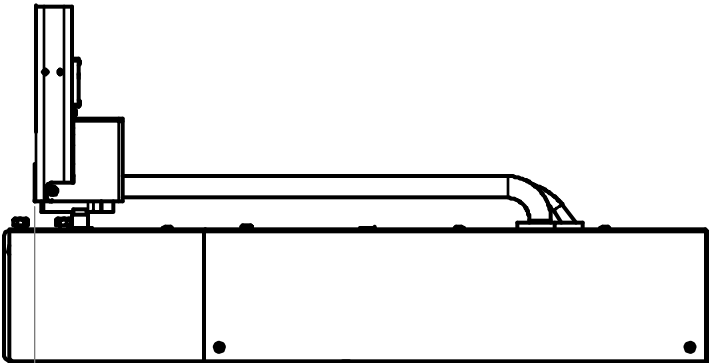
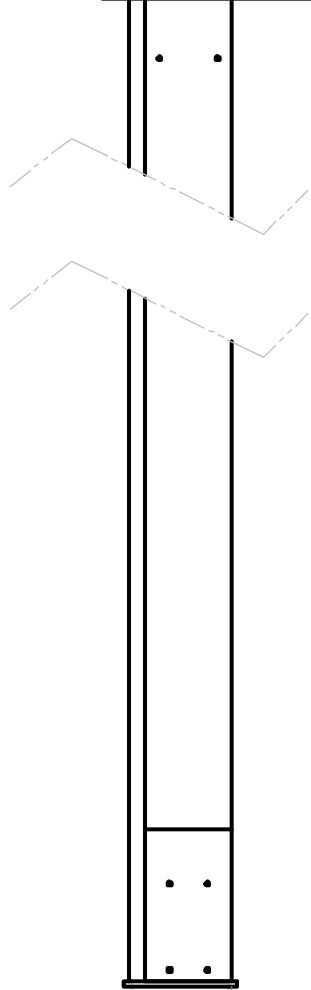
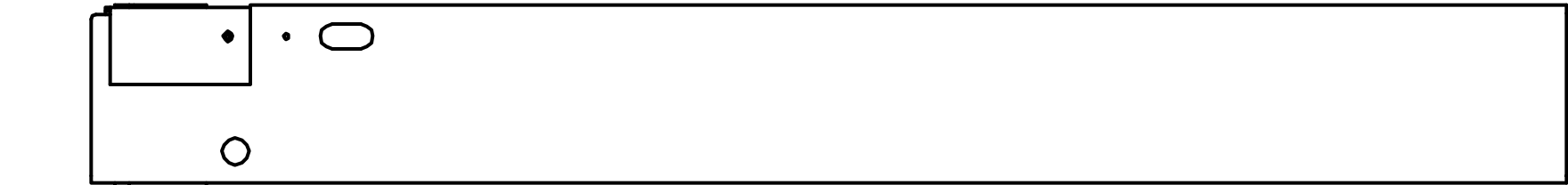
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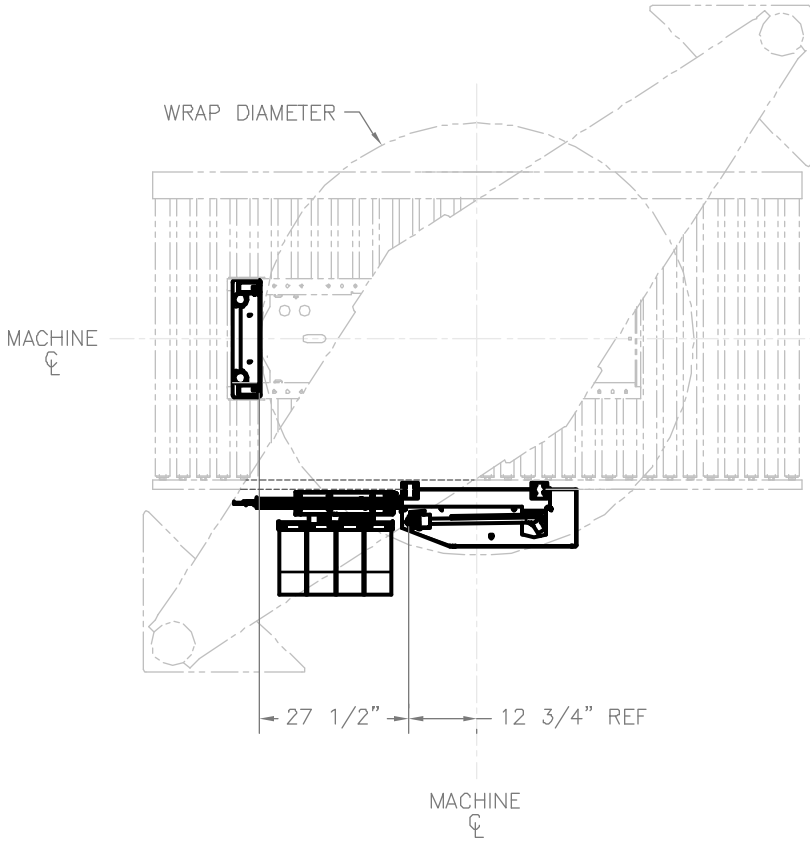
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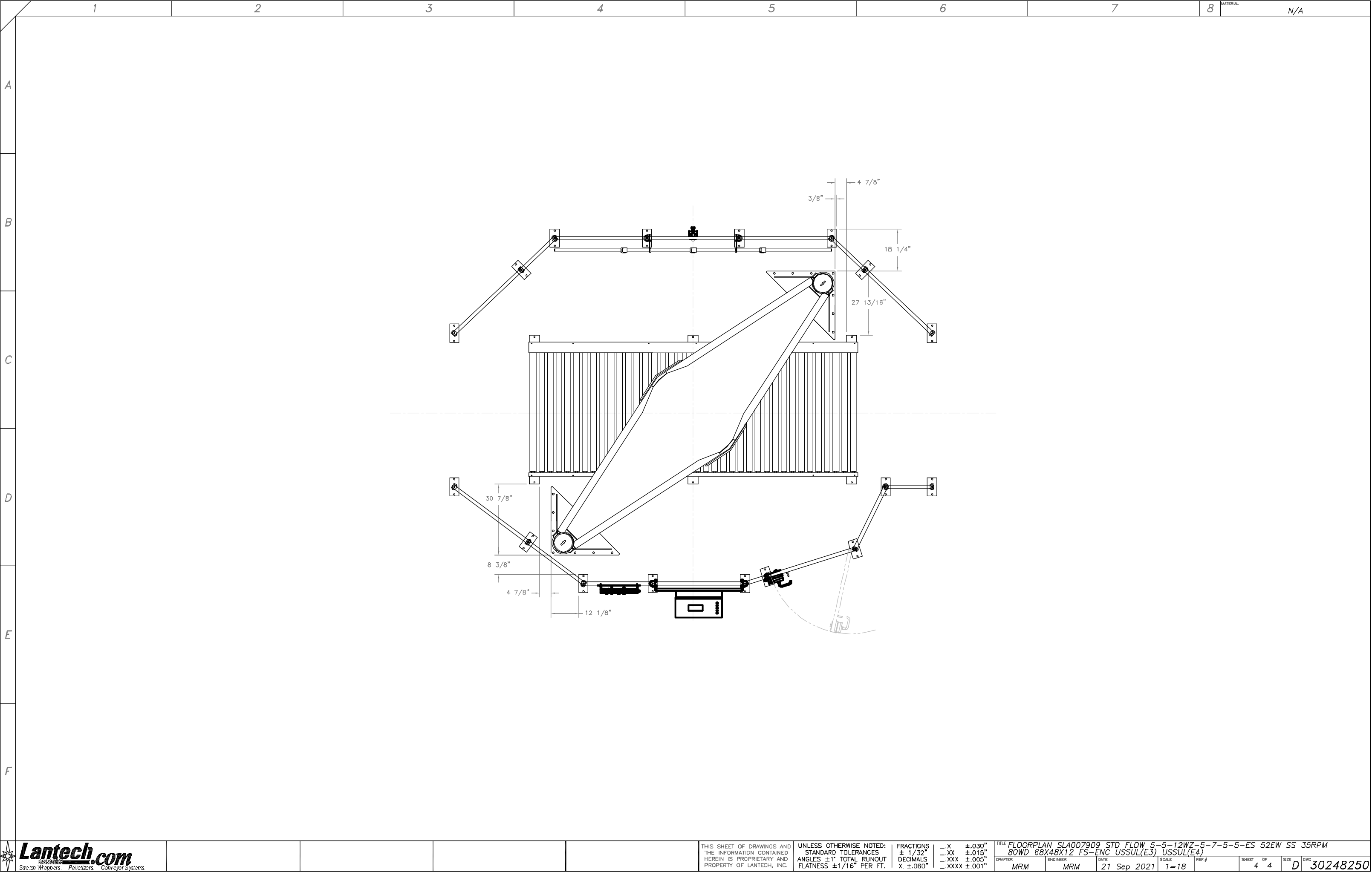
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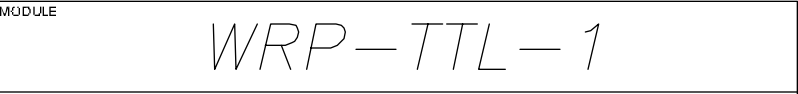


27 1/2"
FRONT FACE OF CLAMP HEAD TO
INSIDE VERTICAL TUBE OF WRAP ARM



PROPER MOUNTING DISTANCE IS 27-1/2"
BETWEEN THE BACK FACE OF THE WRAP
ARM SQUARE TUBE TO THE FRONT OF
THE ALUMINUM CLAMP HOUSING.





SL-Series Stretch Wrapping System

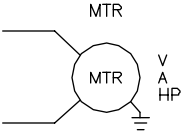
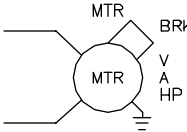
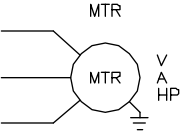
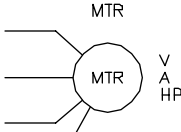
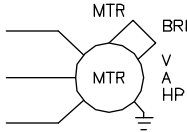
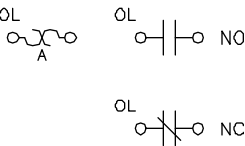
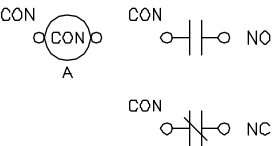
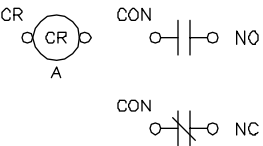
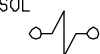
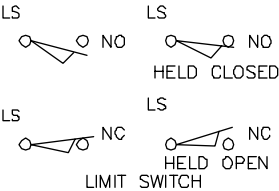
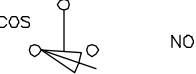
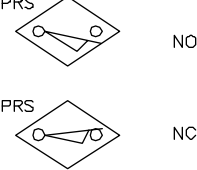
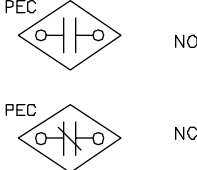
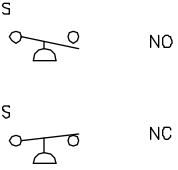
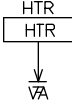
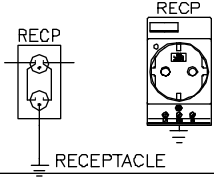
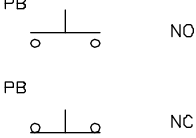
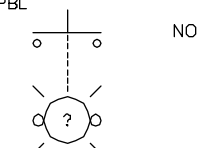
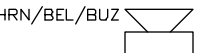
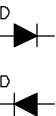
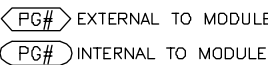
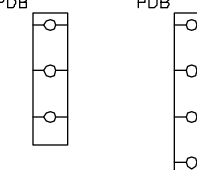
DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER
WRP-TTL-1 - TABLE OF CONTENTS	1		WRP-E03-2 - EXIT 3	21		WRP-LTC-2 - LIGHT CURTAINS	41		WRP-PLC-10 - LOGIC CONTROLLER	61		-		81
WRP-TTL-2 - TABLE OF CONTENTS	2		WRP-E04-1 - EXIT 4	22		WRP-PNU-1 - PNEUMATIC DUMP	42		WRP-PLC-12 - LOGIC CONTROLLER	62		-		82
WRP-TTL-3 - TABLE OF CONTENTS	3		WRP-E04-2 - EXIT 4	23		WRP-HMI-1 - HUMAN MACHINE INTERFACE	43		-	63		-		83
WRP-TTL-4 - TABLE OF CONTENTS	4		WRP-AUX-1 - AUXILIARY TRANSFORMER	24		WRP-ETH-1 - ETHERNET SWITCH	44		-	64		-		84
WRP-DSC-1 - DISCONNECT	5		WRP-PWS-1 - POWER SUPPLY	25		WRP-INF-1 - INTERFACE RELAYS	45		-	65		-		85
WRP-CNV-1 - CONVEYOR REVERSING	6		WRP-ROT-1 - ROTATION	26		WRP-LHT-1 - ENCLOSURE LIGHT	46		-	66		-		86
WRP-CNV-2 - CONVEYOR REVERSING	7		WRP-ROT-2 - ROTATION	27		WRP-RCP-1 - ENCLOSURE RECEPTACLE	47		-	67		-		87
WRP-WPZ-1 - WRAP ZONE	8		WRP-ELV-1 - ELEVATOR	28		WRP-AUT-1 - AUTOMATION UNIT	48		-	68		-		88
WRP-WPZ-2 - WRAP ZONE	9		WRP-ELV-2 - ELEVATOR	29		WRP-LDL-1 - LOAD LIFT	49		-	69		-		89
WRP-I01-1 - INFEED 1	10		WRP-DSP-1 - DISPENSE	30		WRP-BCN-1 - ENCLOSURE BEACON	50		-	70		-		90
WRP-I01-2 - INFEED 1	11		WRP-DSP-2 - DISPENSE	31		WRP-RRG-1 - RAIL ROAD GATES	51		-	71		-		91
WRP-I02-1 - INFEED 2	12		WRP-HWC-1 - HOT WIRE CUTTER	32		WRP-PLC-1 - LOGIC CONTROLLER	52		-	72		-		92
WRP-I02-2 - INFEED 2	13		WRP-HTR-1 - ENCLOSURE HEATER	33		WRP-PLC-2 - LOGIC CONTROLLER	53		-	73		-		93
WRP-I03-1 - INFEED 3	14		WRP-FAN-1 - ENCLOSURE FAN	34		WRP-PLC-3 - LOGIC CONTROLLER	54		-	74		-		94
WRP-I03-2 - INFEED 3	15		WRP-ESC-1 - EMERGENCY STOP	35		WRP-PLC-4 - LOGIC CONTROLLER	55		-	75		-		95
WRP-E01-1 - EXIT 1	16		WRP-ESC-2 - EMERGENCY STOP	36		WRP-PLC-5 - LOGIC CONTROLLER	56		-	76		-		96
WRP-E01-2 - EXIT 1	17		WRP-GSC-1 - GATE SWITCHES	37		WRP-PLC-6 - LOGIC CONTROLLER	57		-	77		-		97
WRP-E02-1 - EXIT 2	18		WRP-MCR-1 - SAFETY CIRCUIT	38		WRP-PLC-7 - LOGIC CONTROLLER	58		-	78		-		98
WRP-E02-2 - EXIT 2	19		WRP-CON-1 - SAFETY CONTACTORS	39		WRP-PLC-8 - LOGIC CONTROLLER	59		-	79		-		99
WRP-E03-1 - EXIT 3	20		WRP-LTC-1 - LIGHT CURTAINS	40		WRP-PLC-9 - LOGIC CONTROLLER	60		-	80		-		100

1. WIRE SIZES:
 - ALL POWER WIRING TO BE 14 AWG UNLESS OTHERWISE NOTED.
 - ALL CONTROL WIRING TO BE 16 AWG UNLESS OTHERWISE NOTED.
 - ALL I/O WIRED DIRECT TO PLC, MAY BE 18 AWG UNLESS NOTED.
2. WIRE COLORS (UNLESS OTHERWISE NOTED):
 - BLACK: UNGROUNDED POWER CONDUCTORS Ⓢ GREATER THAN 120VAC OR 50VDC.
 - RED: UNGROUNDED CONTROL CONDUCTORS Ⓢ 0–120VAC.
 - BLUE: UNGROUNDED CONTROL CONDUCTORS Ⓢ 0 TO 50VDC.
 - ORANGE: AC OR DC CONDUCTORS NOT DE-ENERGIZED BY THE MAIN DISCONNECT.
 - WHITE: GROUNDED AC CONDUCTORS.
 - WHITE W/ ORANGE STRIPE: GROUNDED AC OR DC CONTROL CONDUCTORS NOT DE-ENERGIZED BY THE MAIN DISCONNECT.
 - WHITE W/ BLUE STRIPE: GROUNDED DC CONDUCTORS.
 - YELLOW: OPTIONAL JUMPERS.
 - GREEN W/ YELLOW STRIPE: GROUND.
3. FIELD WIRING REQUIREMENTS:
 - USE COPPER WIRE ONLY!
 - USE 60°C INSULATION.
 - TORQUE TERMINAL SCREWS TO 6 IN-LBS.
4. WARNING – UNAUTHORIZED CHANGES TO THIS MACHINE MAY CREATE SAFETY HAZARDS AND VOID WARRANTY.

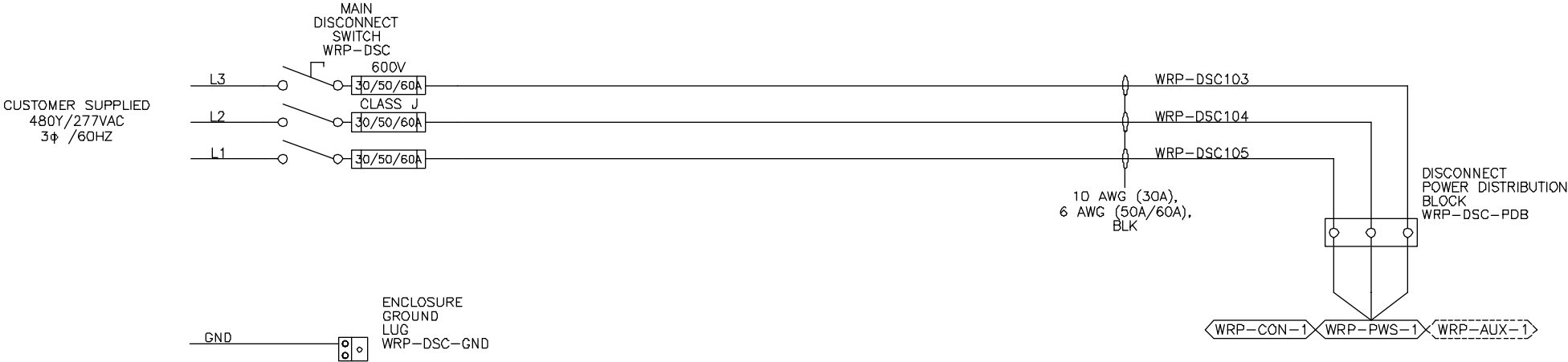
SPARE

7. USE HUBS OR FITTINGS WITH THE SAME ENVIRONMENTAL RATING AS ENCLOSURE.

		<i>Lantech</i>	
		TITLE	
		SCHEMATIC SLA007909 35RPM 480VAC 24VDC — MICROLOGIX 1400	
		VERSION	MODULE NAME
			TABLE OF CONTENTS
		SIZE	SHEET OF
		D 30202715	1 62
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE	DRAWING NUMBER
		23 Sep 2021	30254340
		ENGINEER	
		AAM	

 1Ø MOTOR	 1Ø MOTOR W/ BRAKE	 3Ø MOTOR	 3Ø MOTOR	 3Ø MOTOR W/ BRAKE	 OVERLOAD	 FUSE	 CIRCUIT BREAKER	 CONTACTOR	 CONTROL RELAY
 SOLENOID	 LIMIT SWITCH	 CABLE OPERATED SWITCH	 PROXIMITY SWITCH	 PHOTOELECTRIC SWITCH	 TEMPERATURE SWITCH	 PRESSURE SWITCH	 HEATER	 RESISTOR	 HOT WIRE CUTTER
 BRAKE	 RECEPTACLE	 PUSH BUTTON	 ILLUMINATED PUSH BUTTON	 E-STOP PUSH BUTTON	 ALARM/ANNUNCIATOR HORN/BELL/BUZZER	 PILOT LIGHT/ WARNING BEACON	 DIODE	 GROUND	 TERMINAL BLOCK
 COLLECTOR RING TERMINAL	 FIELD TERMINAL	 POWER DISTRIBUTION BLOCK TERMINAL	 CROSS REFERENCES	 DENOTES DEVICE LOCATED OUTSIDE OF MAIN ENCLOSURE	 POWER DISTRIBUTION BLOCK				

	Lantech		
	TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME TABLE OF CONTENTS	
	SIZE D	DRAWING REFERENCE 30202715	SHEET 3 OF 62
	DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340

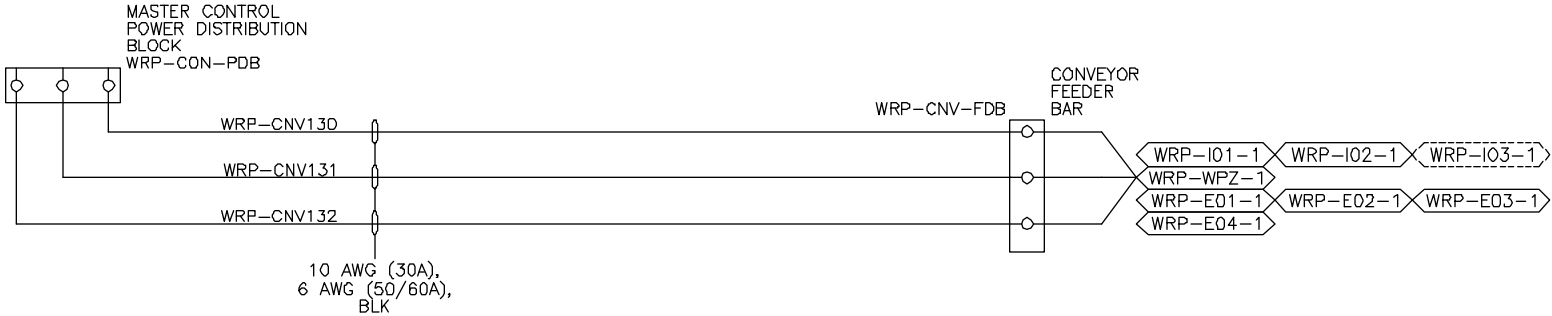
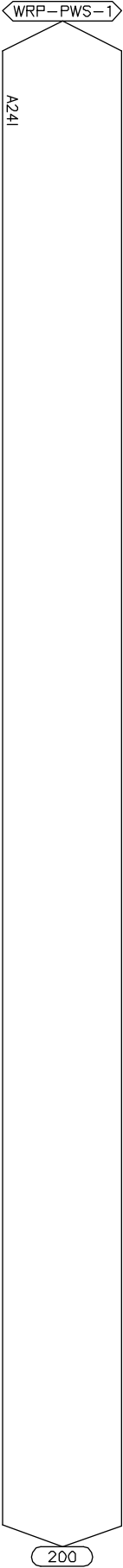


	Lantech		
	TITLE		
	SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME	
		DISCONNECT	
	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	5 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340

MODULE

WRP-CN-1

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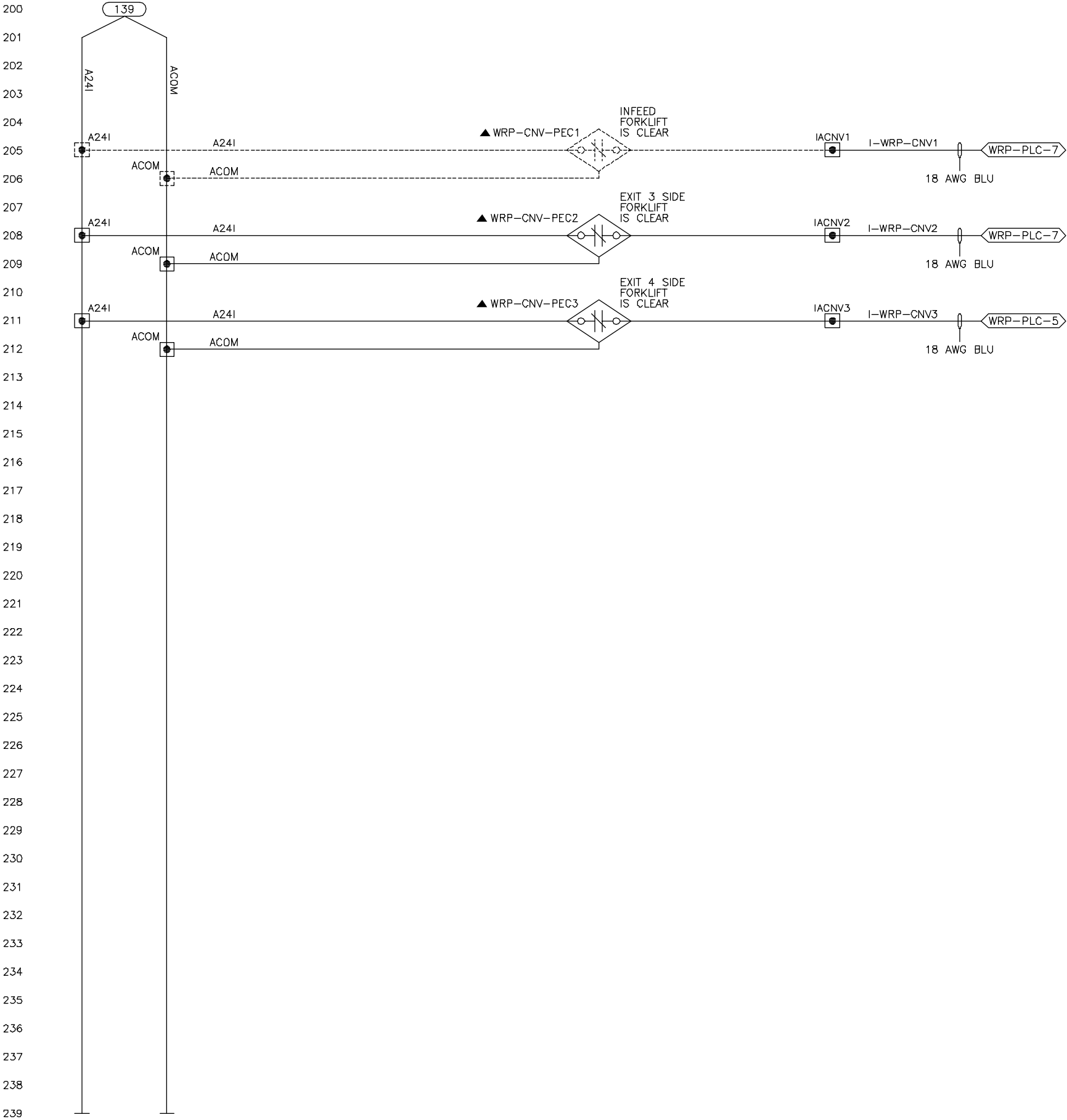
Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

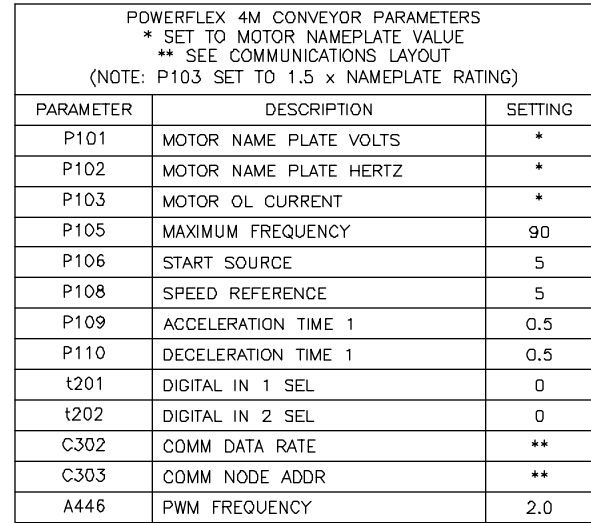
VERSION
MODULE NAME
CONVEYOR REVERSING

SIZE D
DRAWING REFERENCE 30202715
SHEET 6 OF 62

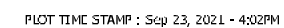
DATE 23 Sep 2021
ENGINEER AAM
DRAWING NUMBER 30254340



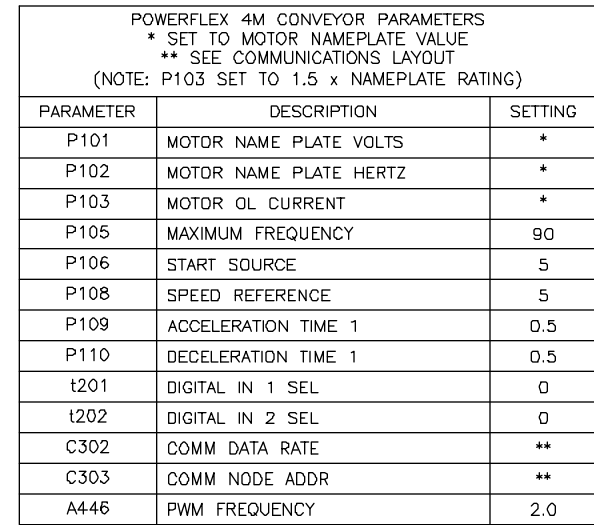
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	TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME CONVEYOR REVERSING	
	SIZE D	DRAWING REFERENCE 30202715	SHEET 7 OF 62
DATE 23 Sep 2021		ENGINEER AAM	DRAWING NUMBER 30254340



POWERFLEX 4M CONVEYOR PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SEE COMMUNICATIONS LAYOUT		
(NOTE: P103 SET TO 1.5 x NAMEPLATE RATING)		
PARAMETER	DESCRIPTION	SETTING
P101	MOTOR NAME PLATE VOLTS	*
P102	MOTOR NAME PLATE HERTZ	*
P103	MOTOR OL CURRENT	*
P105	MAXIMUM FREQUENCY	90
P106	START SOURCE	5
P108	SPEED REFERENCE	5
P109	ACCELERATION TIME 1	0.5
P110	DECELERATION TIME 1	0.5
t201	DIGITAL IN 1 SEL	0
t202	DIGITAL IN 2 SEL	0
C302	COMM DATA RATE	**
C303	COMM NODE ADDR	**
A446	PWM FREQUENCY	2.0

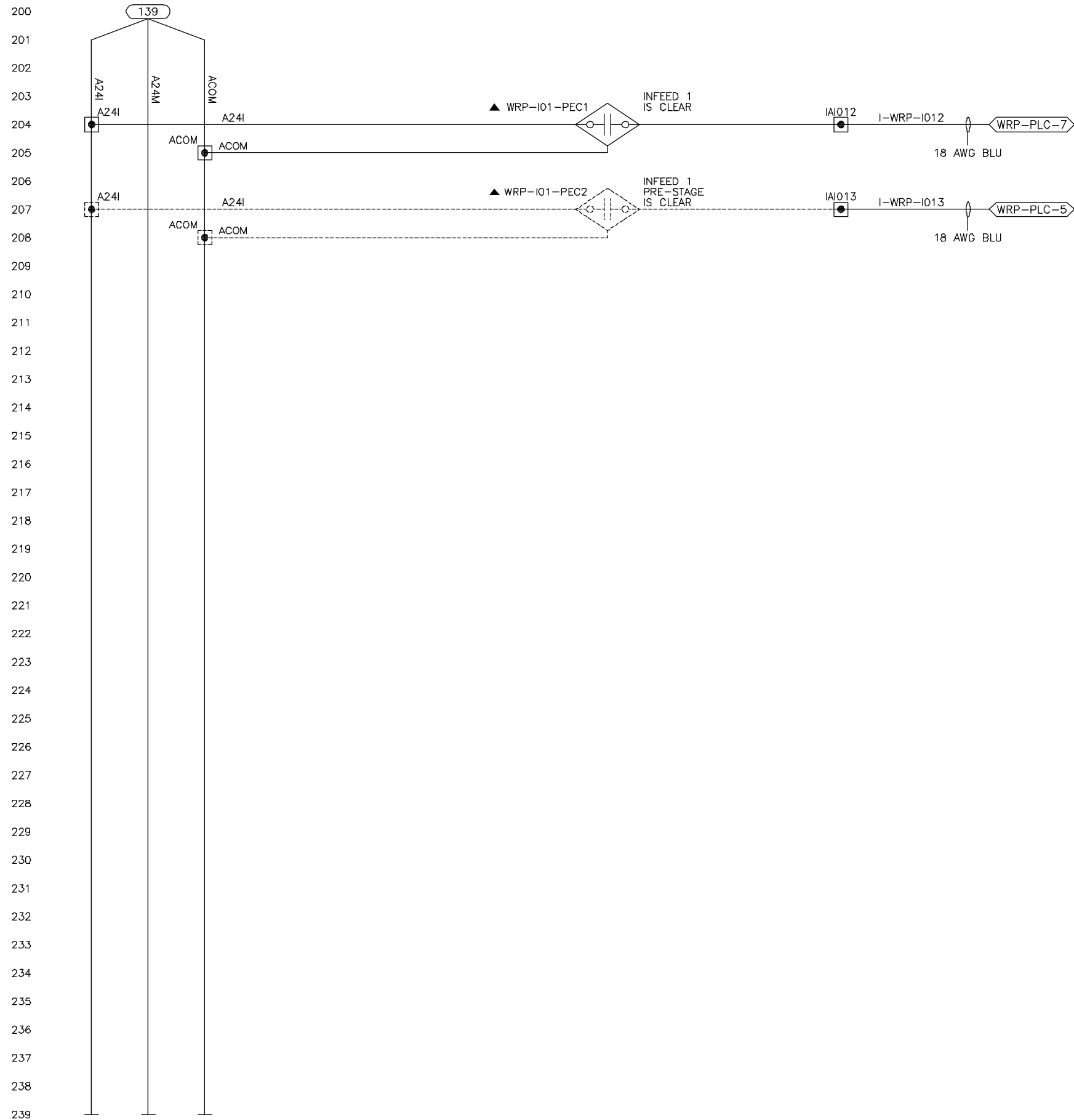


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		TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC – MICROLOGIX 1400	
		VERSION	MODULE NAME WRAP_ZONE
		SIZE D 30202715	SHEET OF 9 62
THIS SHEET OF DRAWINGS ARE THE PROPERTY OF LANTECH, INC. HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE 23 Sep 2021	ENGINEER AAM
		DRAWING NUMBER 30254340	

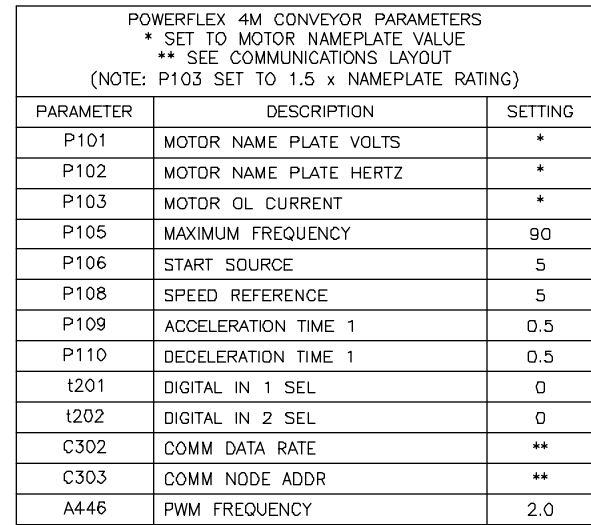


POWERFLEX 4M CONVEYOR PARAMETERS * SET TO MOTOR NAMEPLATE VALUE ** SEE COMMUNICATIONS LAYOUT (NOTE: P103 SET TO 1.5 x NAMEPLATE RATING)		
PARAMETER	DESCRIPTION	SETTING
P101	MOTOR NAME PLATE VOLTS	*
P102	MOTOR NAME PLATE HERTZ	*
P103	MOTOR OL CURRENT	*
P105	MAXIMUM FREQUENCY	90
P106	START SOURCE	5
P108	SPEED REFERENCE	5
P109	ACCELERATION TIME 1	0.5
P110	DECELERATION TIME 1	0.5
t201	DIGITAL IN 1 SEL	0
t202	DIGITAL IN 2 SEL	0
C302	COMM DATA RATE	**
C303	COMM NODE ADDR	**
A446	PWM FREQUENCY	2.0

MODULE WRP-101-2

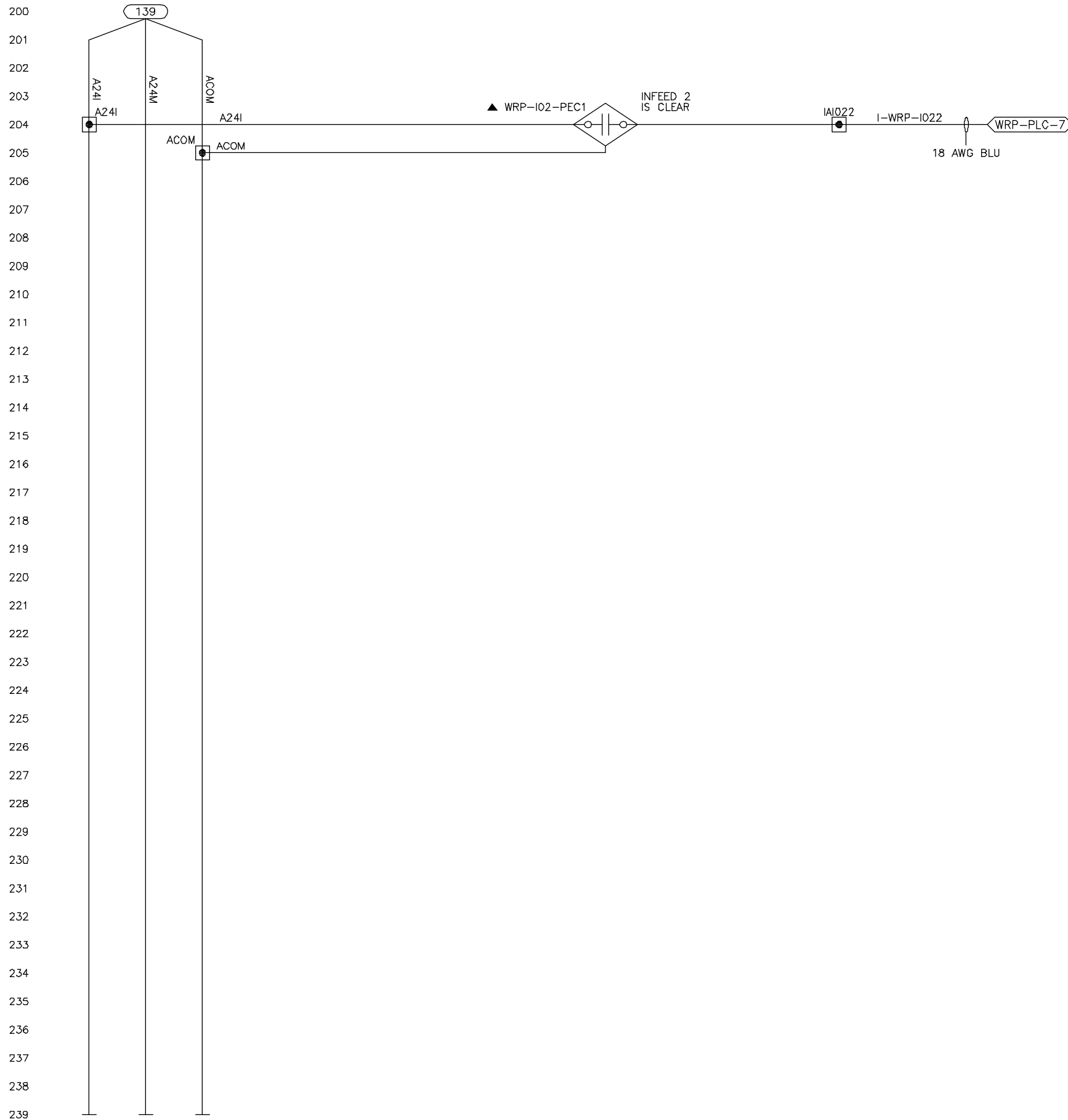


			
		TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC — MICROLOGIX 1400	
		VERSION	MODULE NAME INFEEED 1
		SIZE D	DRAWING REFERENCE 30202715
			SHEET 11
			OF 62
1-15 SHEET OF DRAWING 480VAC 35RPM MICROLOGIX 1400 HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE 23 Sep 2021	ENGINEER AAM
			DRAWING NUMBER 30254340

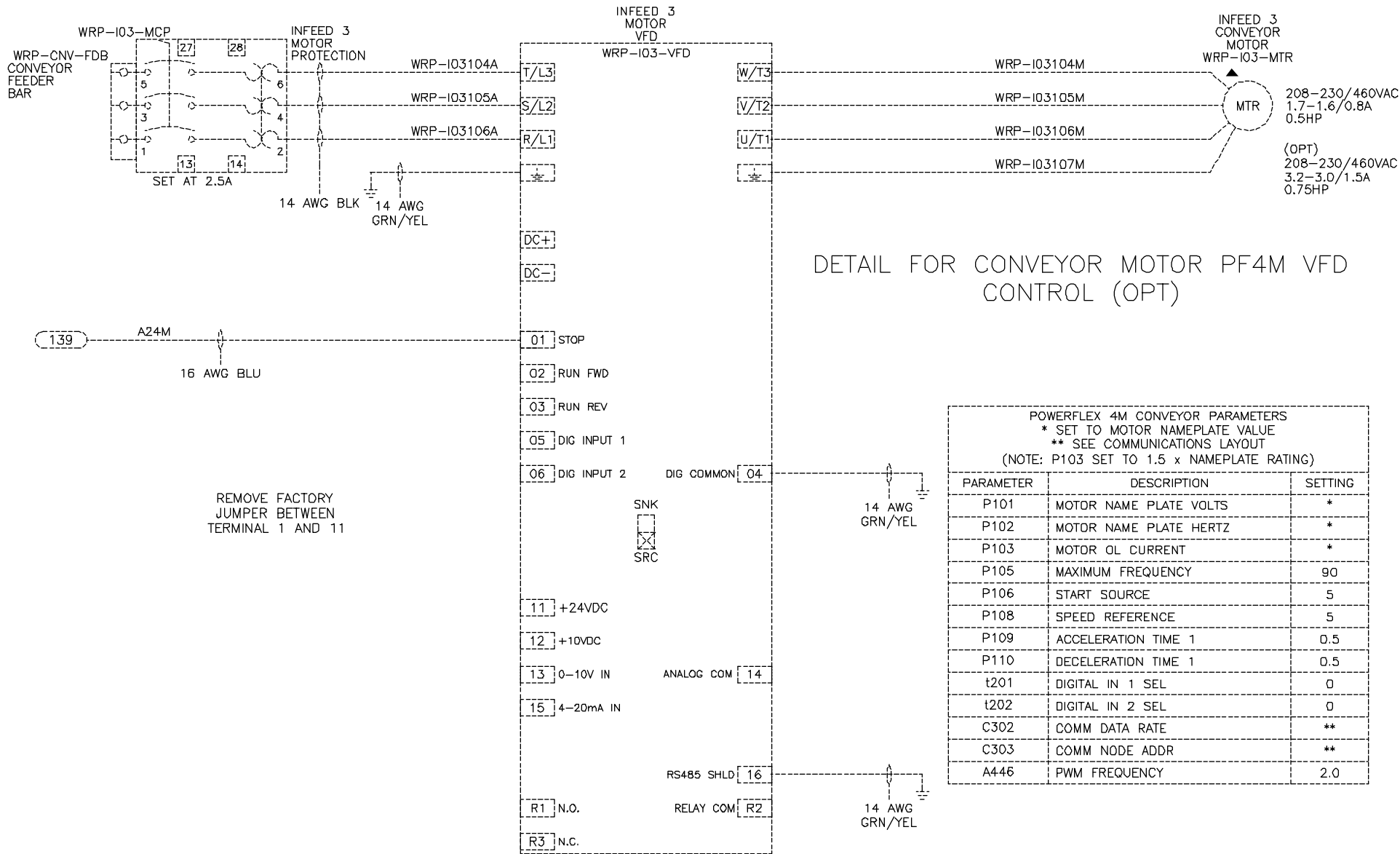


POWERFLEX 4M CONVEYOR PARAMETERS * SET TO MOTOR NAMEPLATE VALUE ** SEE COMMUNICATIONS LAYOUT (NOTE: P103 SET TO 1.5 x NAMEPLATE RATING)		
PARAMETER	DESCRIPTION	SETTING
P101	MOTOR NAME PLATE VOLTS	*
P102	MOTOR NAME PLATE HERTZ	*
P103	MOTOR QL CURRENT	*
P105	MAXIMUM FREQUENCY	90
P106	START SOURCE	5
P108	SPEED REFERENCE	5
P109	ACCELERATION TIME 1	0.5
P110	DECELERATION TIME 1	0.5
t201	DIGITAL IN 1 SEL	0
t202	DIGITAL IN 2 SEL	0
C302	COMM DATA RATE	**
C303	COMM NODE ADDR	**
A446	PWM FREQUENCY	2.0

MODULE WRP-102-2



			
		TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC — MICROLOGIX 1400	
		VERSION	MODULE NAME INFEEED 2
		SIZE D	DRAWING REFERENCE 30202715
		SHEET 13	OF 62
1-15 SHEET OF DRAWING SET FOR MICROLOGIX CONTROLLER HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE 23 Sep 2021	ENGINEER AAM
		DRAWING NUMBER 30254340	



Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
INFEED 3

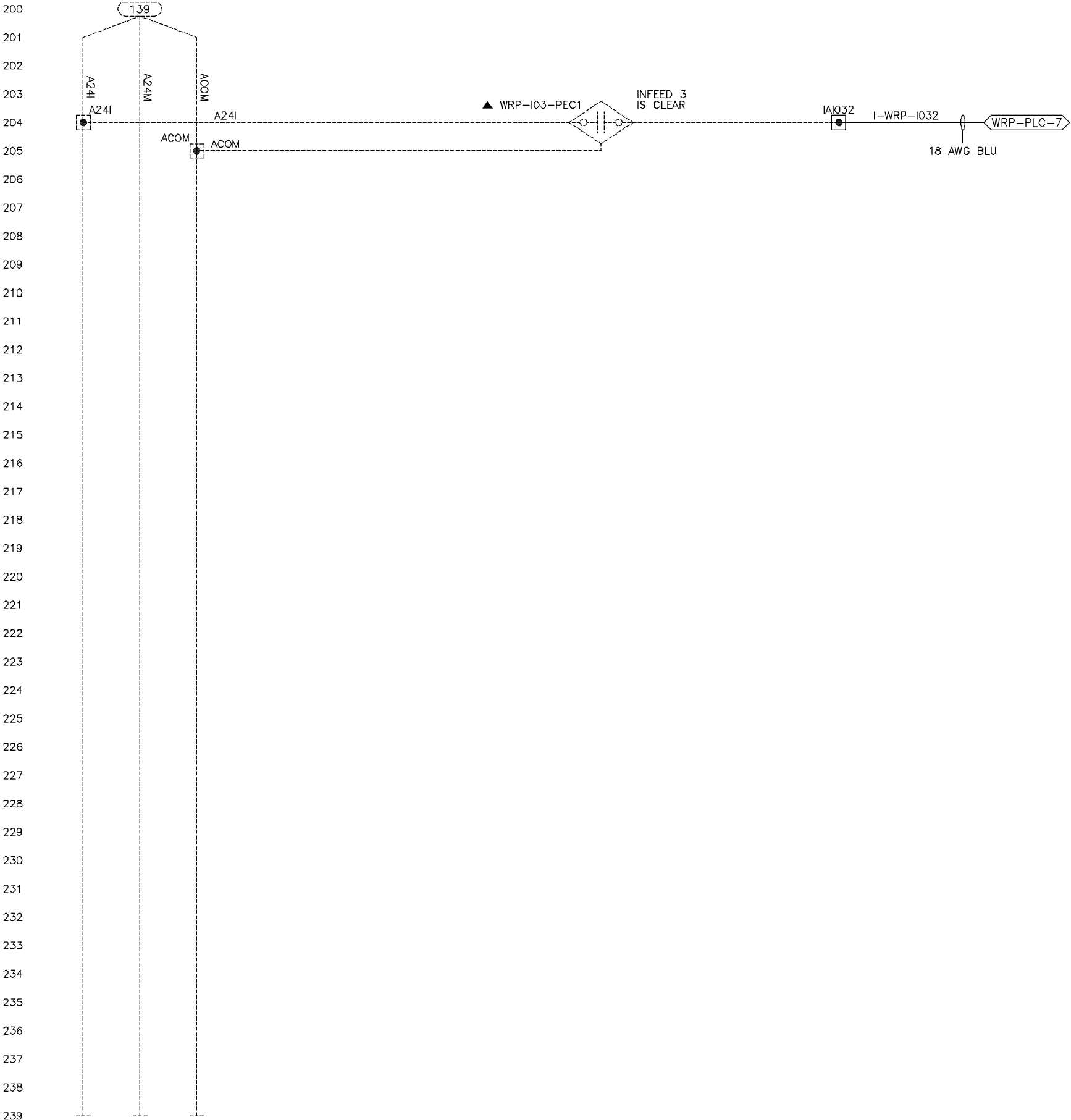
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SHEET
14 OF
62

DATE
23 Sep 2021

ENGINEER
AAM

DRAWING NUMBER
30254340



	Lantech		
	TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME INFEED 3	
	SIZE D	DRAWING REFERENCE 30202715	SHEET 15 OF 62
DATE 23 Sep 2021		ENGINEER AAM	DRAWING NUMBER 30254340

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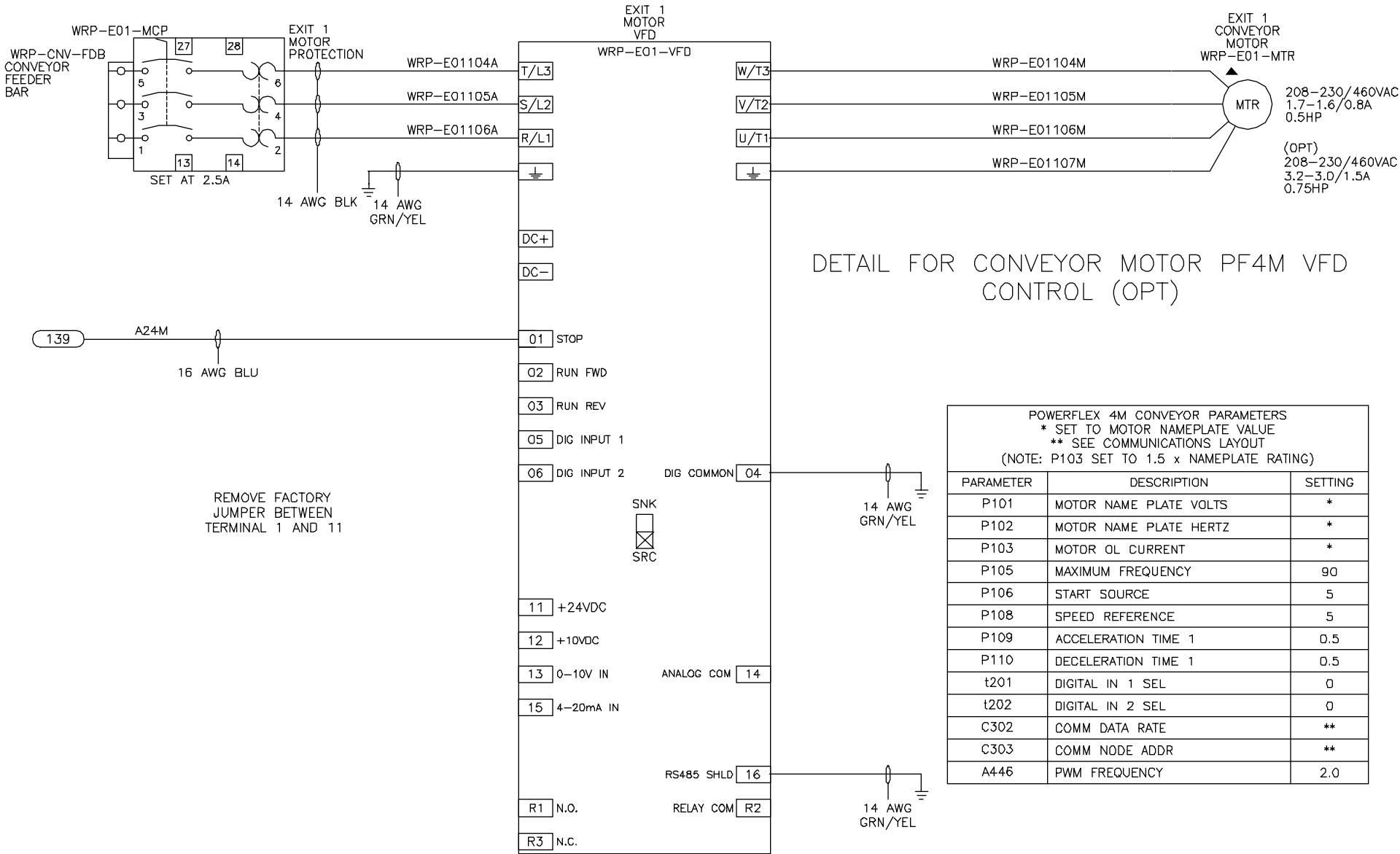
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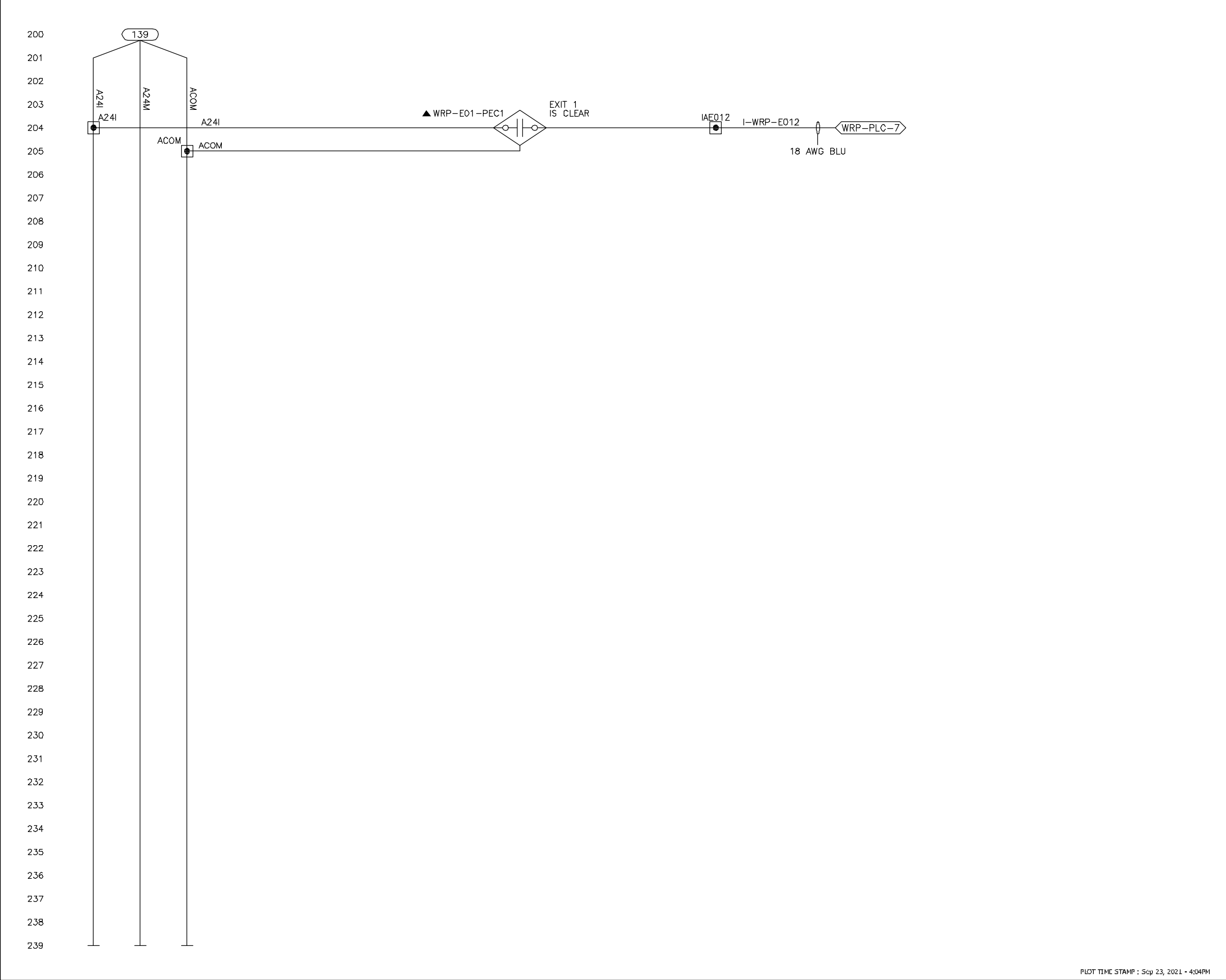
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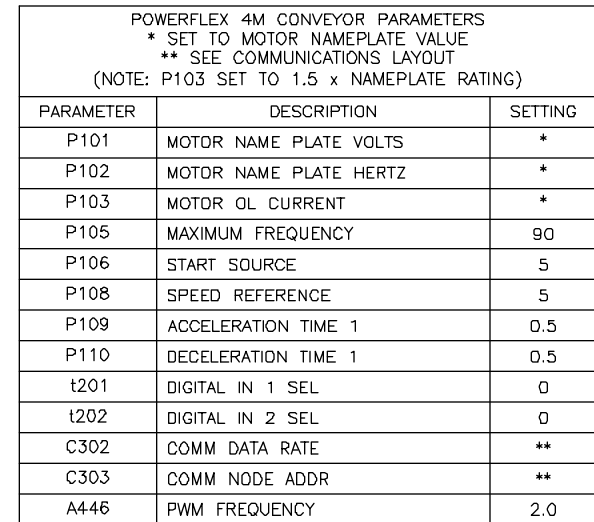
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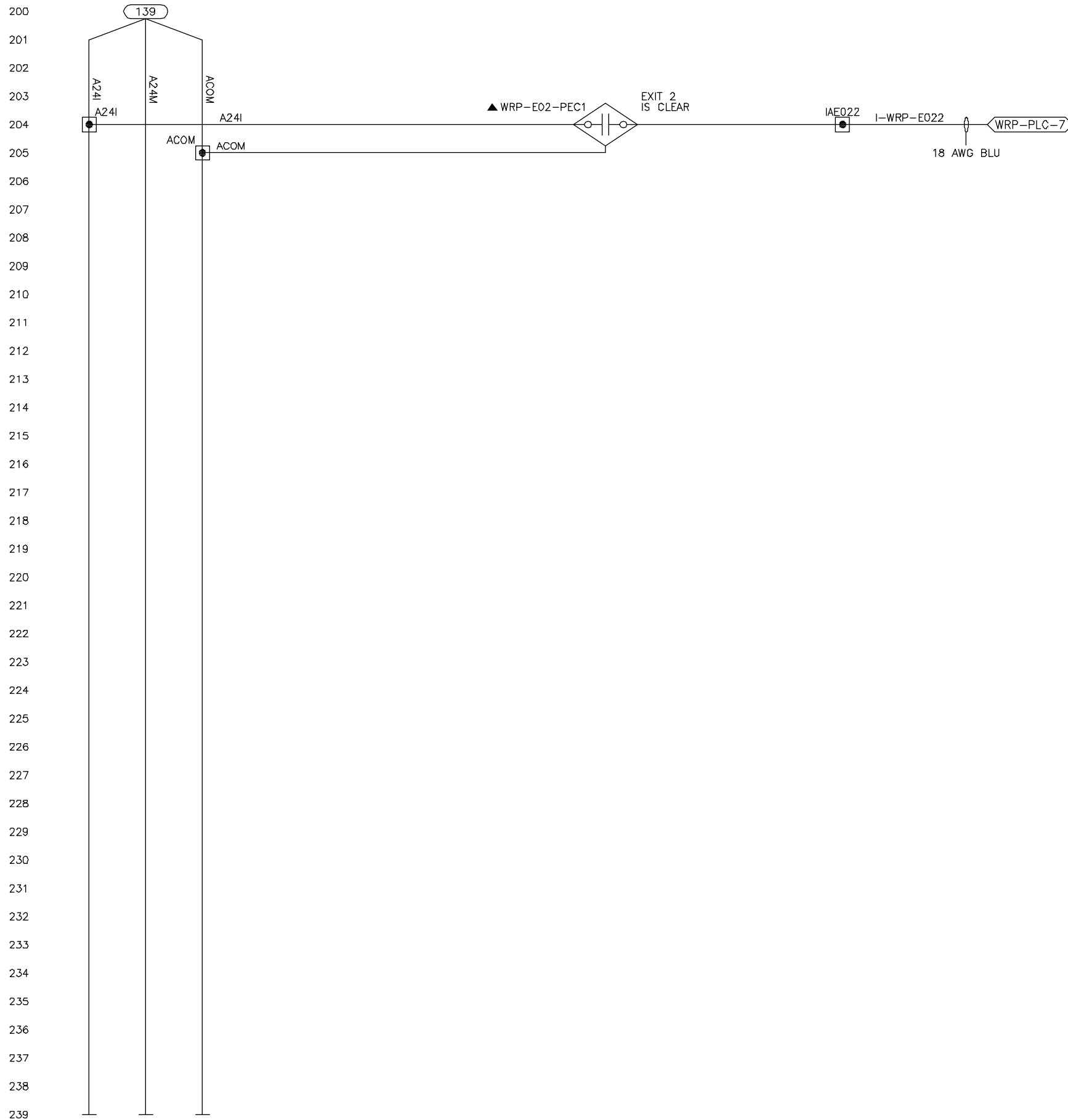


	Lantech		
	TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME EXIT 1	
	SIZE D	DRAWING REFERENCE 30202715	SHEET 17 OF 62
DATE 23 Sep 2021		ENGINEER AAM	DRAWING NUMBER 30254340



POWERFLEX 4M CONVEYOR PARAMETERS * SET TO MOTOR NAMEPLATE VALUE ** SEE COMMUNICATIONS LAYOUT (NOTE: P103 SET TO 1.5 x NAMEPLATE RATING)		
PARAMETER	DESCRIPTION	SETTING
P101	MOTOR NAME PLATE VOLTS	*
P102	MOTOR NAME PLATE HERTZ	*
P103	MOTOR OL CURRENT	*
P105	MAXIMUM FREQUENCY	90
P106	START SOURCE	5
P108	SPEED REFERENCE	5
P109	ACCELERATION TIME 1	0.5
P110	DECELERATION TIME 1	0.5
t201	DIGITAL IN 1 SEL	0
t202	DIGITAL IN 2 SEL	0
C302	COMM DATA RATE	**
C303	COMM NODE ADDR	**
A446	PWM FREQUENCY	2.0

MODULE WRP-E02-2



			
		TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC — MICROLOGIX 1400	
		VERSION	MODULE NAME EXIT 2
		SIZE D	DRAWING REFERENCE 30202715
			SHEET 19 OF 62
1-15 SHEET OF DRAWINGS ARE THE MICROLOGIX CONTROLLER HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE 23 Sep 2021	ENGINEER AAM
			DRAWING NUMBER 30254340

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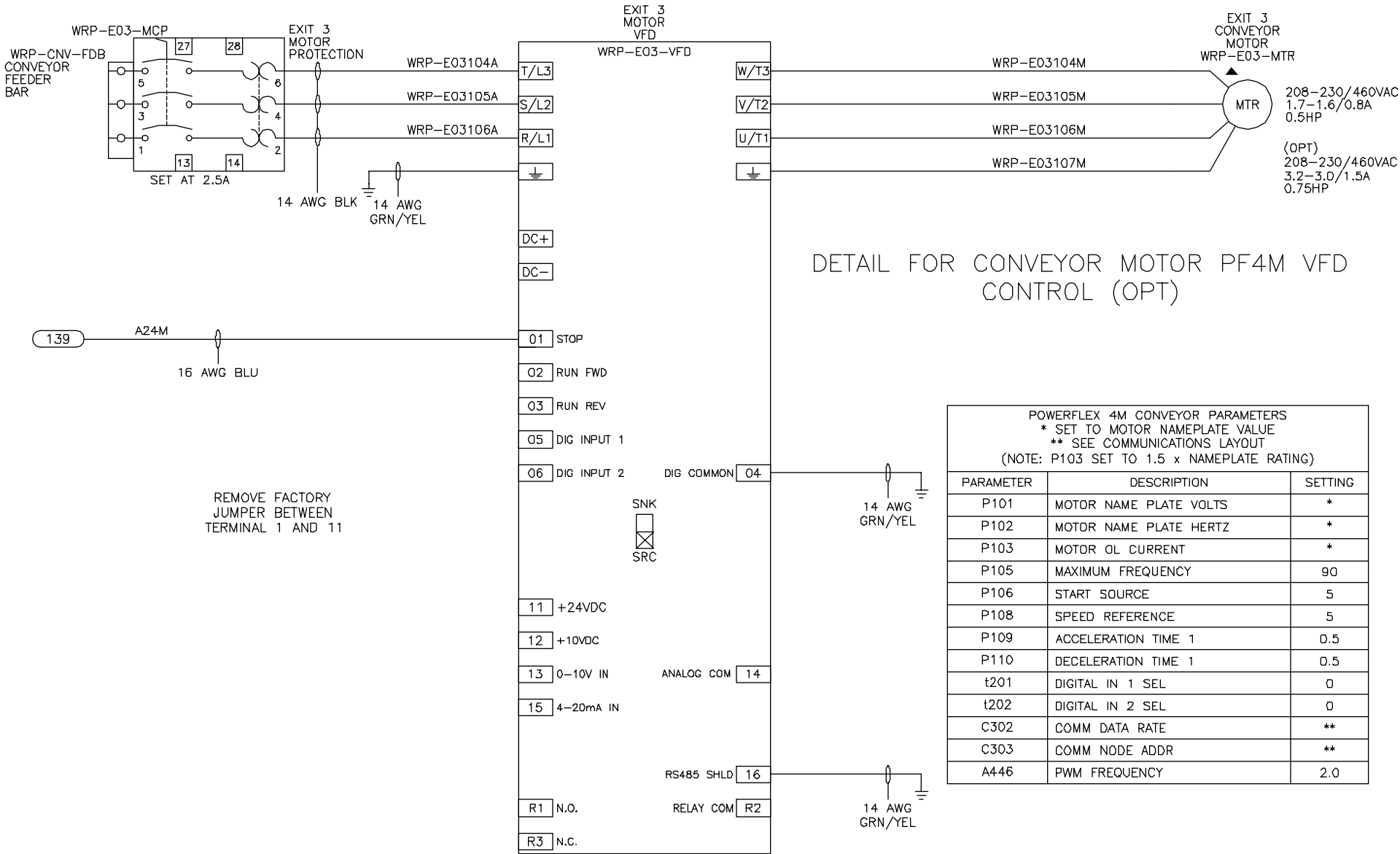
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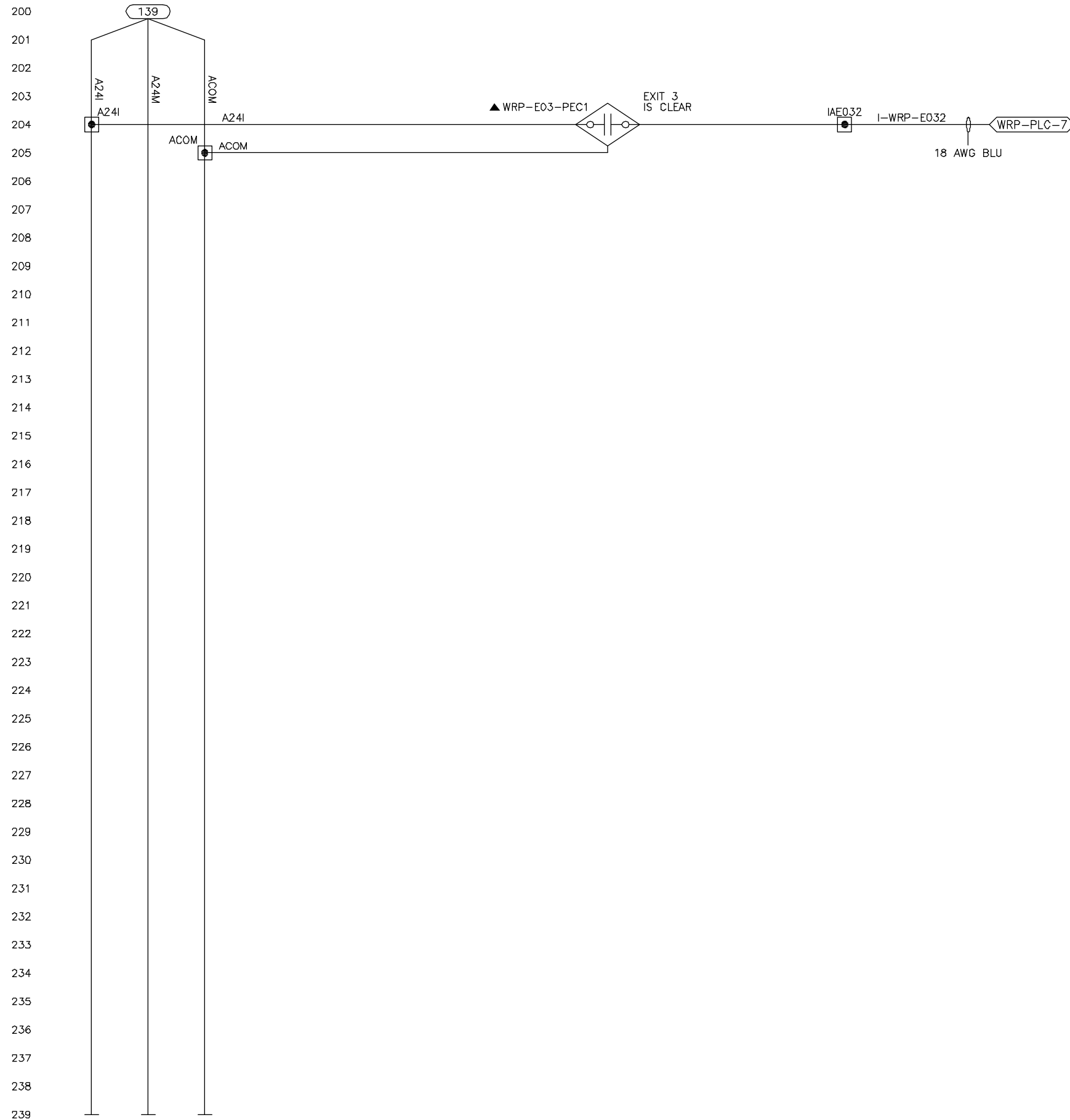
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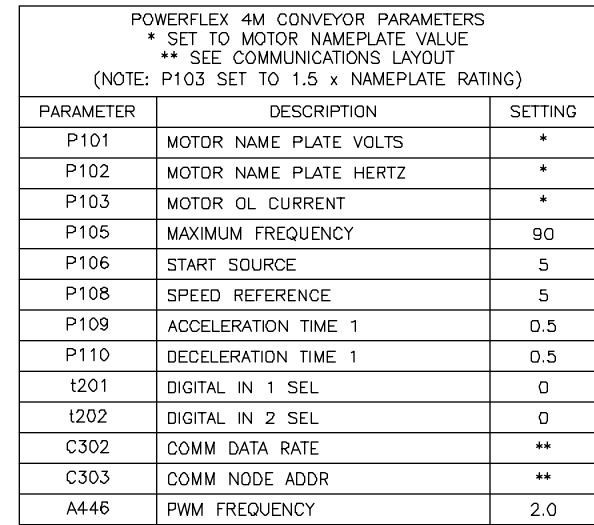


MODULE WRP-E03-2

MODULE WRP-E03-2

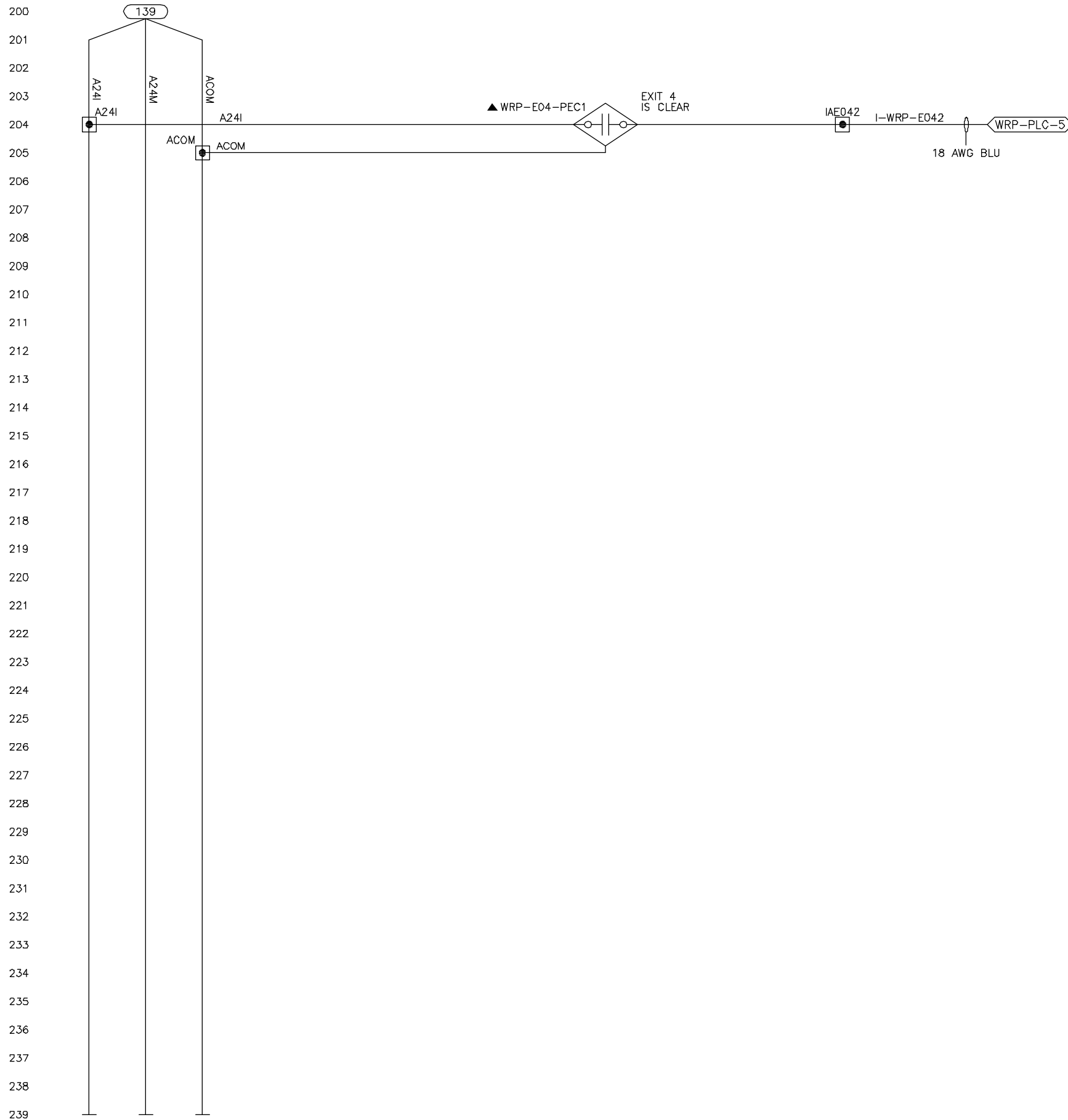


		Lantech	
		TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC — MICROLOGIX 1400	
		VERSION	MODULE NAME EXIT 3
		SIZE D	DRAWING REFERENCE 30202715
		SHEET OF 21 62	
THIS SHEET OF DRAWINGS ARE THE PROPERTY OF LANTCH, INC. HEREIN IS PROPRIETARY AND PROPERTY OF LANTCH, INC.		DATE 23 Sep 2021	ENGINEER AAM
		DRAWING NUMBER 30254340	



POWERFLEX 4M CONVEYOR PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SEE COMMUNICATIONS LAYOUT		
(NOTE: P103 SET TO 1.5 x NAMEPLATE RATING)		
PARAMETER	DESCRIPTION	SETTING
P101	MOTOR NAME PLATE VOLTS	*
P102	MOTOR NAME PLATE HERTZ	*
P103	MOTOR OL CURRENT	*
P105	MAXIMUM FREQUENCY	90
P106	START SOURCE	5
P108	SPEED REFERENCE	5
P109	ACCELERATION TIME 1	0.5
P110	DECELERATION TIME 1	0.5
t201	DIGITAL IN 1 SEL	0
t202	DIGITAL IN 2 SEL	0
C302	COMM DATA RATE	**
C303	COMM NODE ADDR	**
A446	PWM FREQUENCY	2.0

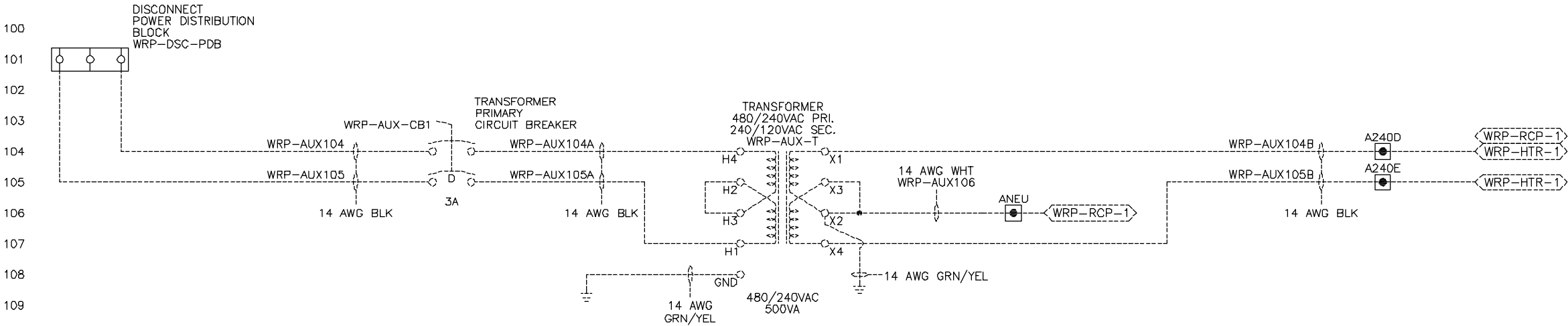
WRP-E04-2



		Lantech	
		TITLE	
		SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400	
		VERSION	MODULE NAME
			EXIT 4
		SIZE	SHEET OF
		D 30202715	23 62
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE	ENGINEER
		23 Sep 2021	AAM
			DRAWING NUMBER
			30254340

MODULE

WRP-AUX-1



NOTE:
IF TRANSFORMER IS NOT
PURCHASED, CUSTOMER
PROVIDES 120VAC.

NOTE: IF TRANSFORMER
AUX-T IS NOT PURCHASED,
USE 14 AWG, ORANGE &
WHITE/ORANGE STRIPE WIRE
FOR 120VAC.

Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
AUXILIARY TRANSFORMER

SIZE D
DRAWING REFERENCE 30202715
SHEET 24 OF 62

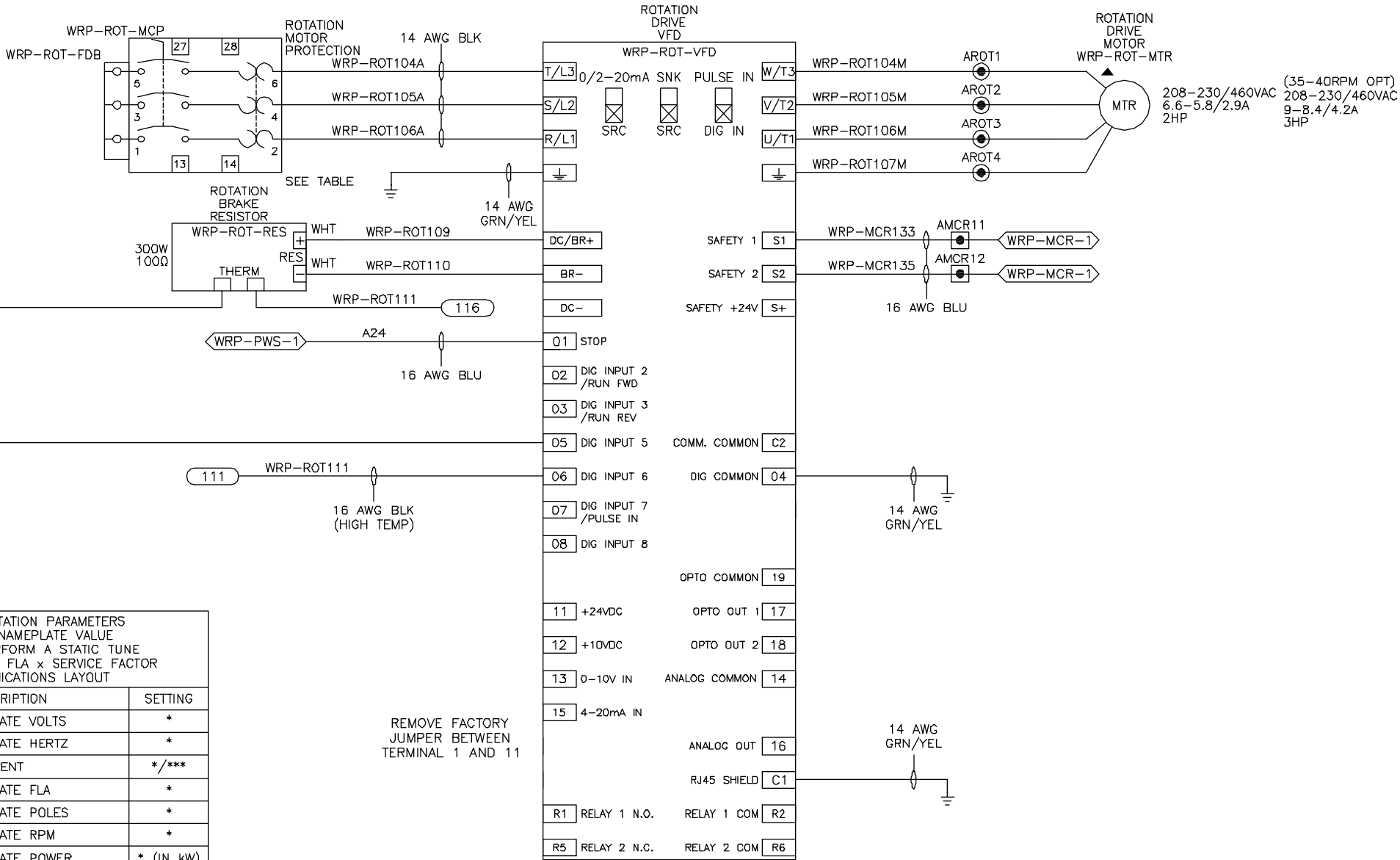
DATE 23 Sep 2021
ENGINEER AAM
DRAWING NUMBER 30254340

PLOT TIME STAMP : Sep 23, 2021 - 4:05PM

PLOT TIME STAMP : Sep 23, 2021 - 4:05PM

DETAIL FOR POWERFLEX 525 ROTATION VFD

RPM	MCP	SET MCP AT
25	4A-6.3A	4A
35-40	6.3A-10A	6.3A

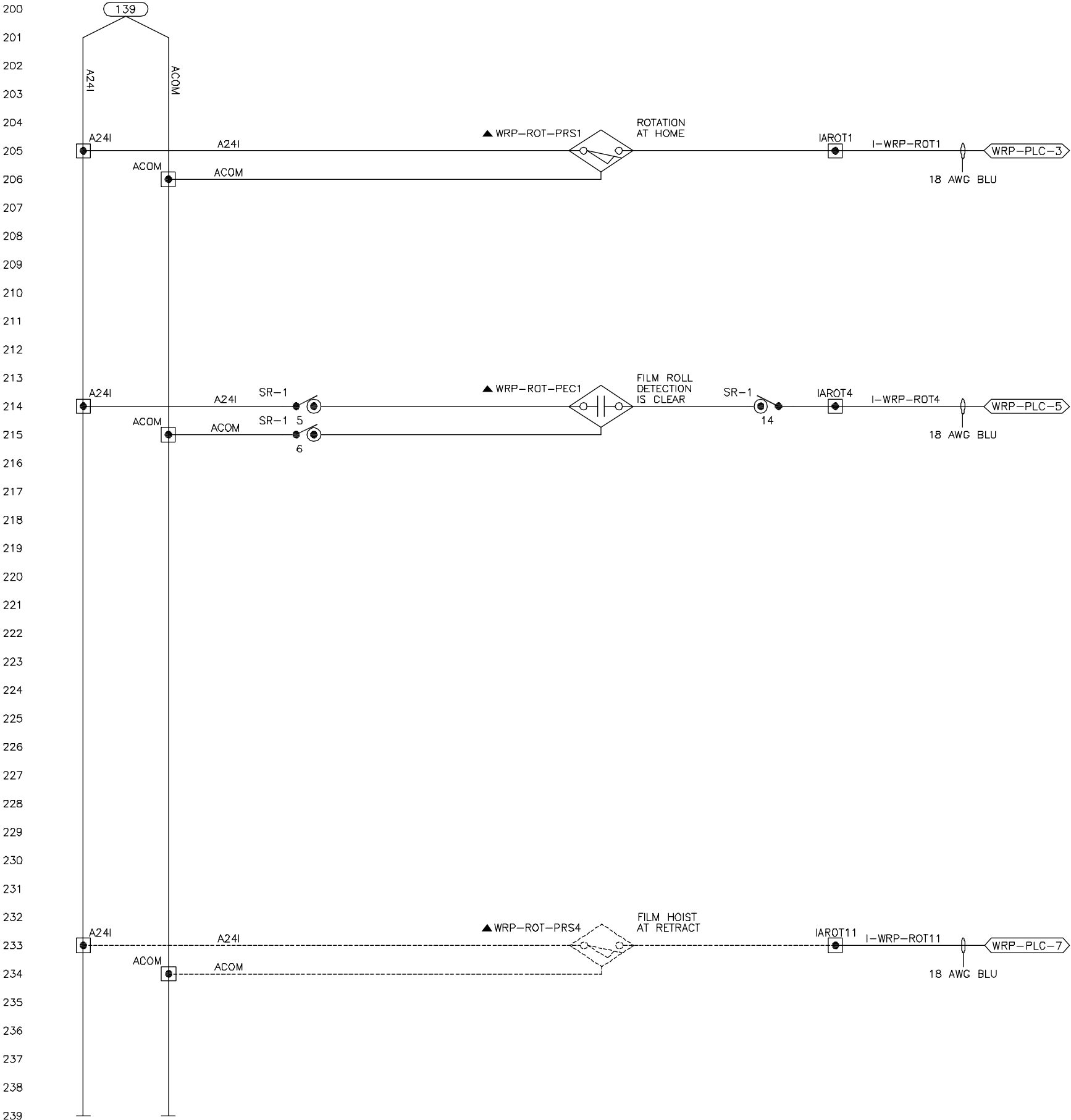


POWERFLEX 525 ROTATION PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SET TO 1 AND PERFORM A STATIC TUNE		
*** OL CURRENT EQUALS FLA x SERVICE FACTOR		
**** SEE COMMUNICATIONS LAYOUT		
PARAMETER	DESCRIPTION	SETTING
P031	MOTOR NAME PLATE VOLTS	*
P032	MOTOR NAME PLATE HERTZ	*
P033	MOTOR OL CURRENT	*/***
P034	MOTOR NAME PLATE FLA	*
P035	MOTOR NAME PLATE POLES	*
P036	MOTOR NAME PLATE RPM	*
P037	MOTOR NAME PLATE POWER	*(IN KW)
P040	AUTOTUNE	**
P041	ACCELERATION TIME 1	5.0
P042	DECELERATION TIME 1	2.0
P044	MAXIMUM FREQUENCY	75
P046	START SOURCE 1	3
P051	SPEED REFERENCE 3	3
t062	DIGIN TERMBLK D2	0
t063	DIGIN TERMBLK D3	0
t065	DIGIN TERMBLK D5	14
t066	DIGIN TERMBLK D6	12
t067	DIGIN TERMBLK D7	0
t068	DIGIN TERMBLK D8	0
A434	DC BRAKE TIME	0.5
A435	DC BRAKE LEVEL	0.5

POWERFLEX 525 ROTATION PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SET TO 1 AND PERFORM A STATIC TUNE		
*** OL CURRENT EQUALS FLA x SERVICE FACTOR		
**** SEE COMMUNICATIONS LAYOUT		
PARAMETER	DESCRIPTION	SETTING
A437	DB RESISTOR SEL	99
A438	DB THRESHOLD	100
A439	S CURVE %	25
A440	PWM FREQUENCY	2.0
A442	ACCEL TIME 2	5.0
A443	DECEL TIME 2	2.0
C123	COMM DATA RATE	****
C124	RS485 NODE ADDR	****
C126	COMM LOSS TIME	10

REMOVE FACTORY JUMPER BETWEEN TERMINAL 1 AND 11

Lantech			
TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400			
VERSION		MODULE NAME ROTATION	
SIZE D	DRAWING REFERENCE 30202715	SHEET 26 OF 62	
DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340	



Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
ROTATION

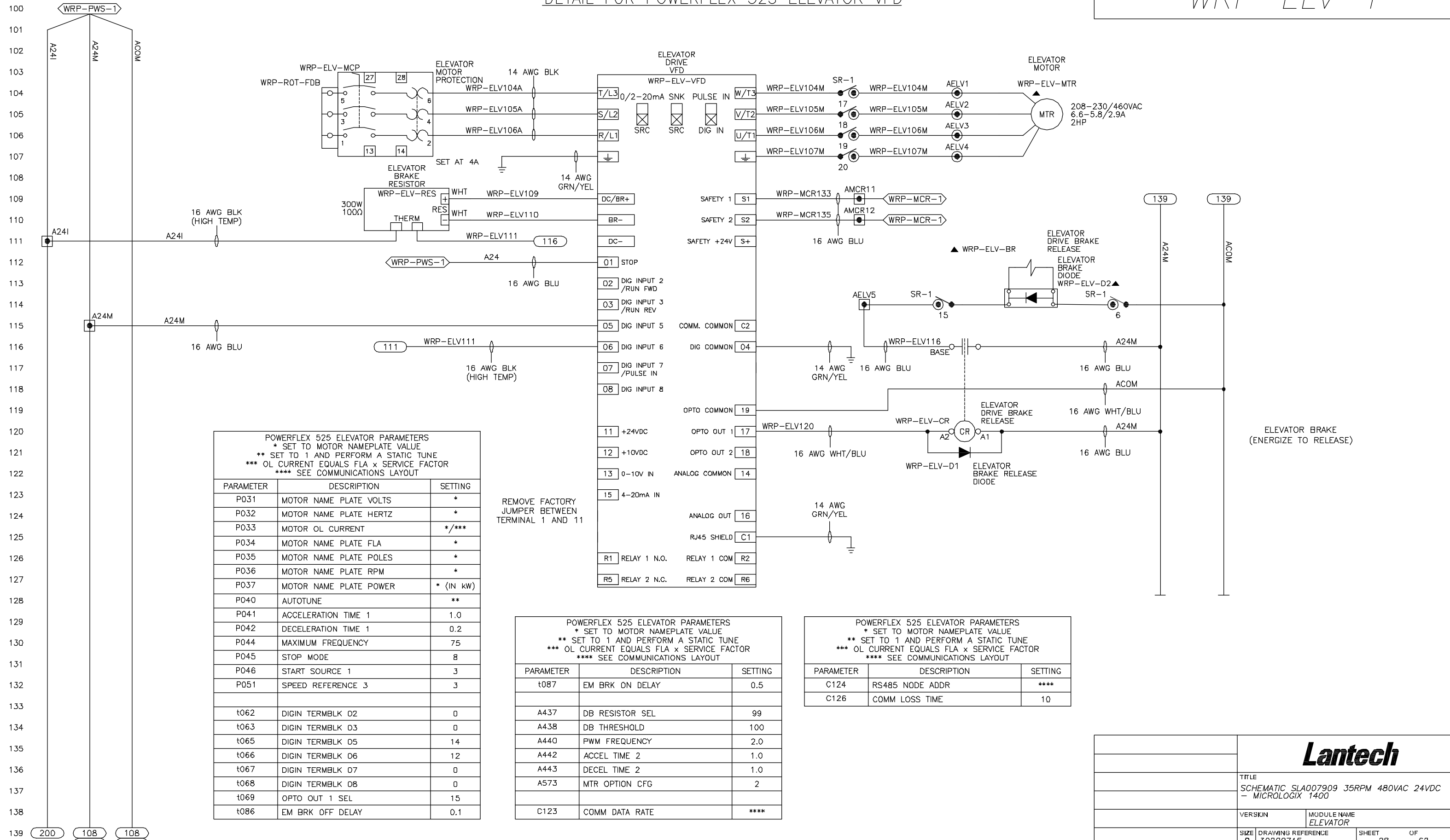
SIZE
D
DRAWING REFERENCE
30202715
SHEET
27
OF
62

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254340

DETAIL FOR POWERFLEX 525 ELEVATOR VFD

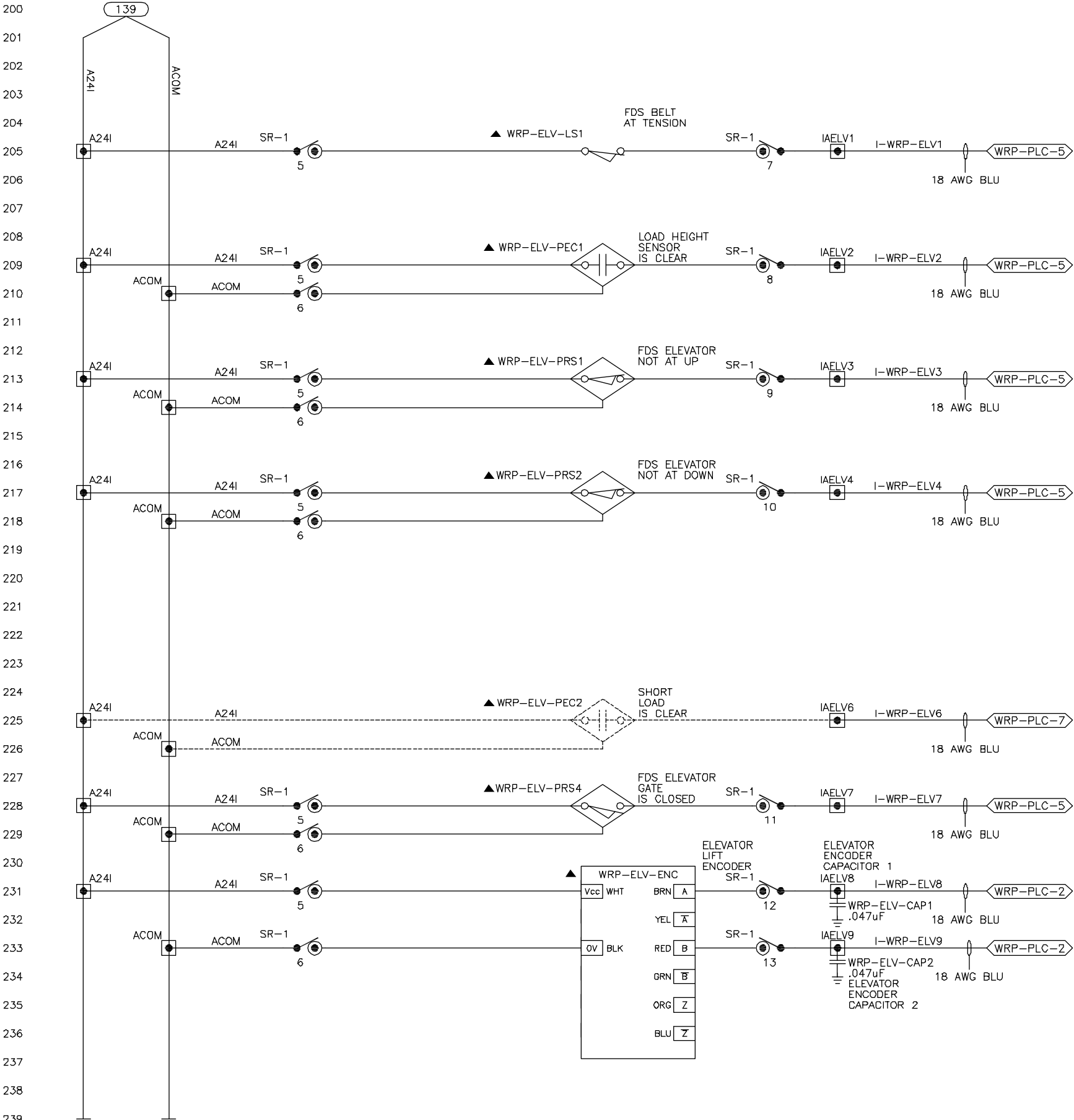
MODULE

WRP-ELV-1



PLOT TIME STAMP : Sep 23, 2021 - 4:05PM

Lantech			
TITLE			
SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400			
VERSION		MODULE NAME	
		ELEVATOR	
SIZE	DRAWING REFERENCE	SHEET OF	
D	30202715	28 62	
DATE	ENGINEER	DRAWING NUMBER	
23 Sep 2021	AAM	30254340	



ELEVATOR
ENCODER
"PULSE A"

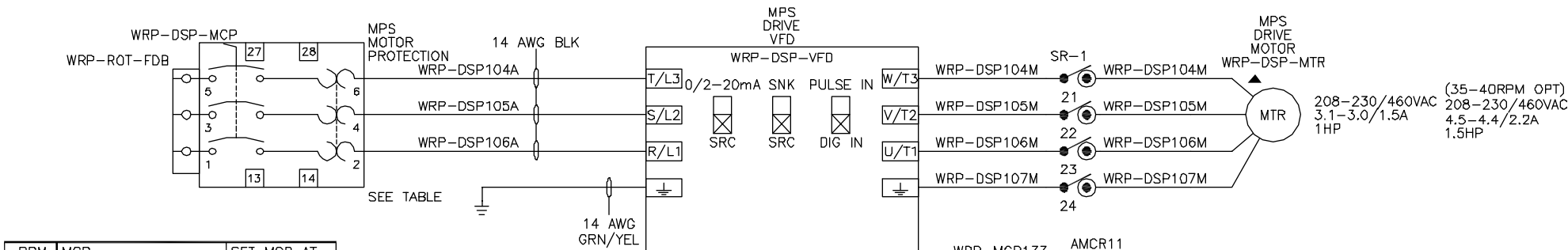
ELEVATOR
ENCODER
"PULSE B"

Lantech			
TITLE			
SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400			
VERSION		MODULE NAME	
		ELEVATOR	
SIZE	DRAWING REFERENCE	SHEET	OF
D	30202715	29	62
DATE	ENGINEER	DRAWING NUMBER	
23 Sep 2021	AAM	30254340	

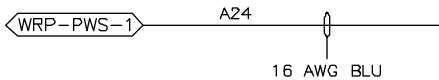
DETAIL FOR POWERFLEX 525 METERED PRE-STRETCH VFD

MODULE

WRP-DSP-1



RPM	MCP	SET MCP AT
25	2.5A-4A	2.5A
35-40	4A-6.3A	4A



REMOVE FACTORY JUMPER BETWEEN TERMINAL 1 AND 11

POWERFLEX 525 DISPENSE PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SET TO 1 AND PERFORM A STATIC TUNE		
*** OL CURRENT EQUALS FLA x SERVICE FACTOR		
**** SEE COMMUNICATIONS LAYOUT		
PARAMETER	DESCRIPTION	SETTING
P031	MOTOR NAME PLATE VOLTS	*
P032	MOTOR NAME PLATE HERTZ	*
P033	MOTOR OL CURRENT	*/***
P034	MOTOR NAME PLATE FLA	*
P035	MOTOR NAME PLATE POLES	*
P036	MOTOR NAME PLATE RPM	*
P037	MOTOR NAME PLATE POWER	*(IN kW)
P040	AUTOTUNE	**
P041	ACCELERATION TIME 1	0.1
P042	DECELERATION TIME 1	0.1
P043	MINIMUM FREQUENCY	2.5
P044	MAXIMUM FREQUENCY	75
P046	START SOURCE 1	3
P051	SPEED REFERENCE 3	3
		0
t062	DIGIN TERMBLK 02	0
t063	DIGIN TERMBLK 03	0
t065	DIGIN TERMBLK 05	0
t066	DIGIN TERMBLK 06	0
t067	DIGIN TERMBLK 07	0
t068	DIGIN TERMBLK 08	0
A434	DC BRAKE TIME	3.0

POWERFLEX 525 DISPENSE PARAMETERS		
* SET TO MOTOR NAMEPLATE VALUE		
** SET TO 1 AND PERFORM A STATIC TUNE		
*** OL CURRENT EQUALS FLA x SERVICE FACTOR		
**** SEE COMMUNICATIONS LAYOUT		
PARAMETER	DESCRIPTION	SETTING
A435	DC BRAKE LEVEL	1.5
A438	DB THRESHOLD	100
A440	PWM FREQUENCY	2.0
A442	ACCEL TIME 2	2.0
A443	DECEL TIME 2	2.0
C123	COMM DATA RATE	****
C124	RS485 NODE ADDR	****
C126	COMM LOSS TIME	10

Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
DISPENSE

SIZE
D 30202715

SHEET
30 OF
62

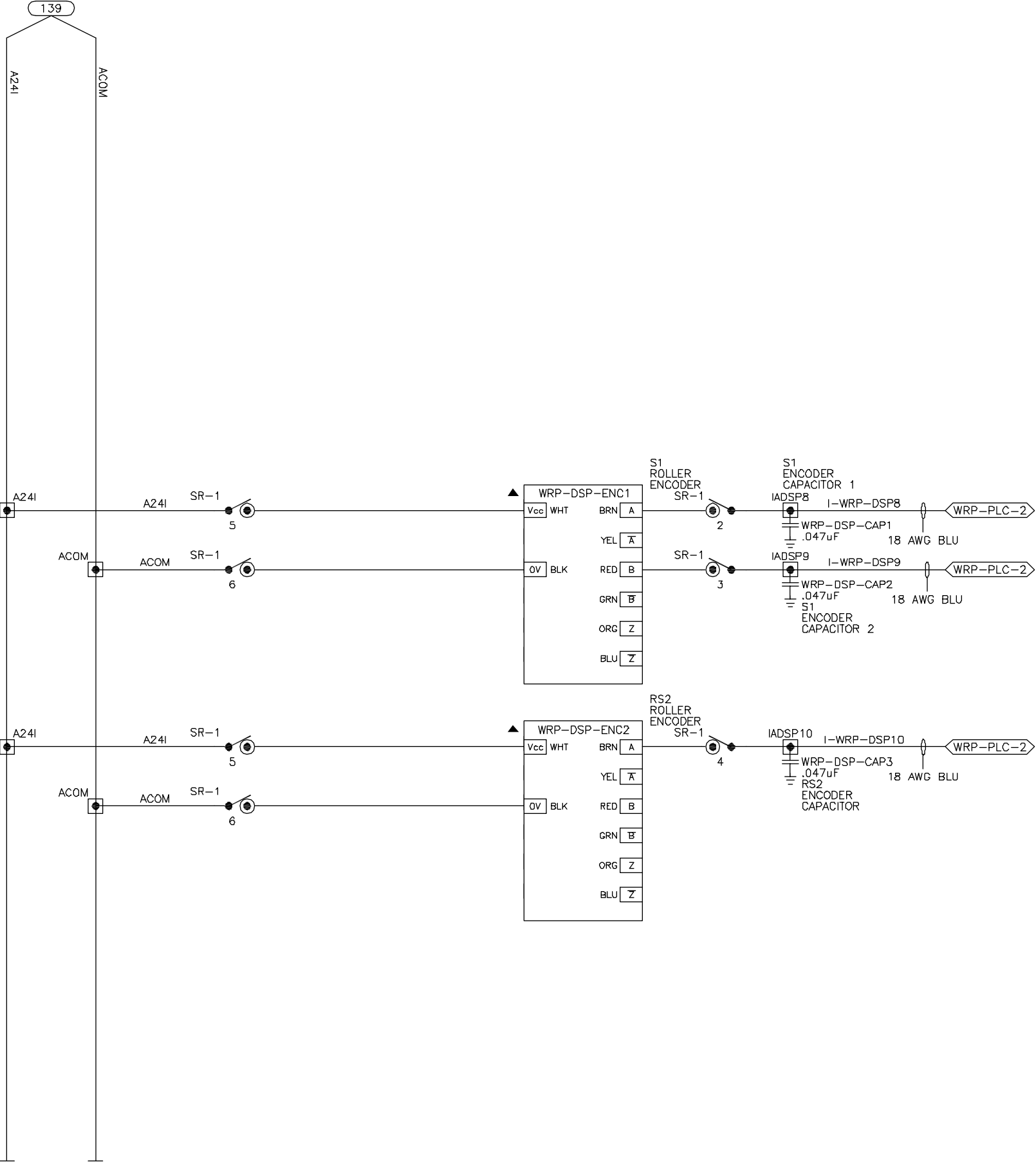
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23 Sep 2021

ENGINEER
AAM

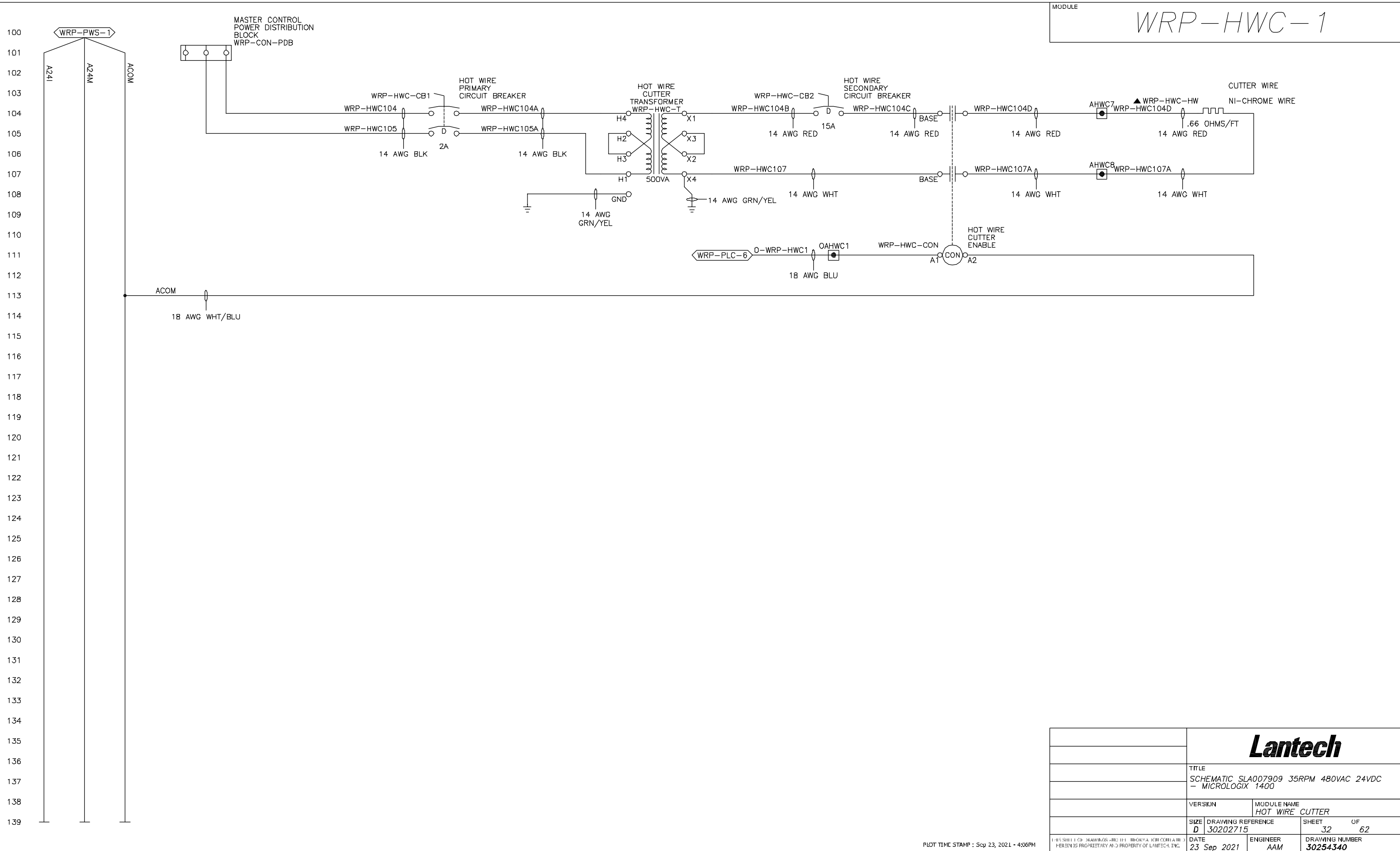
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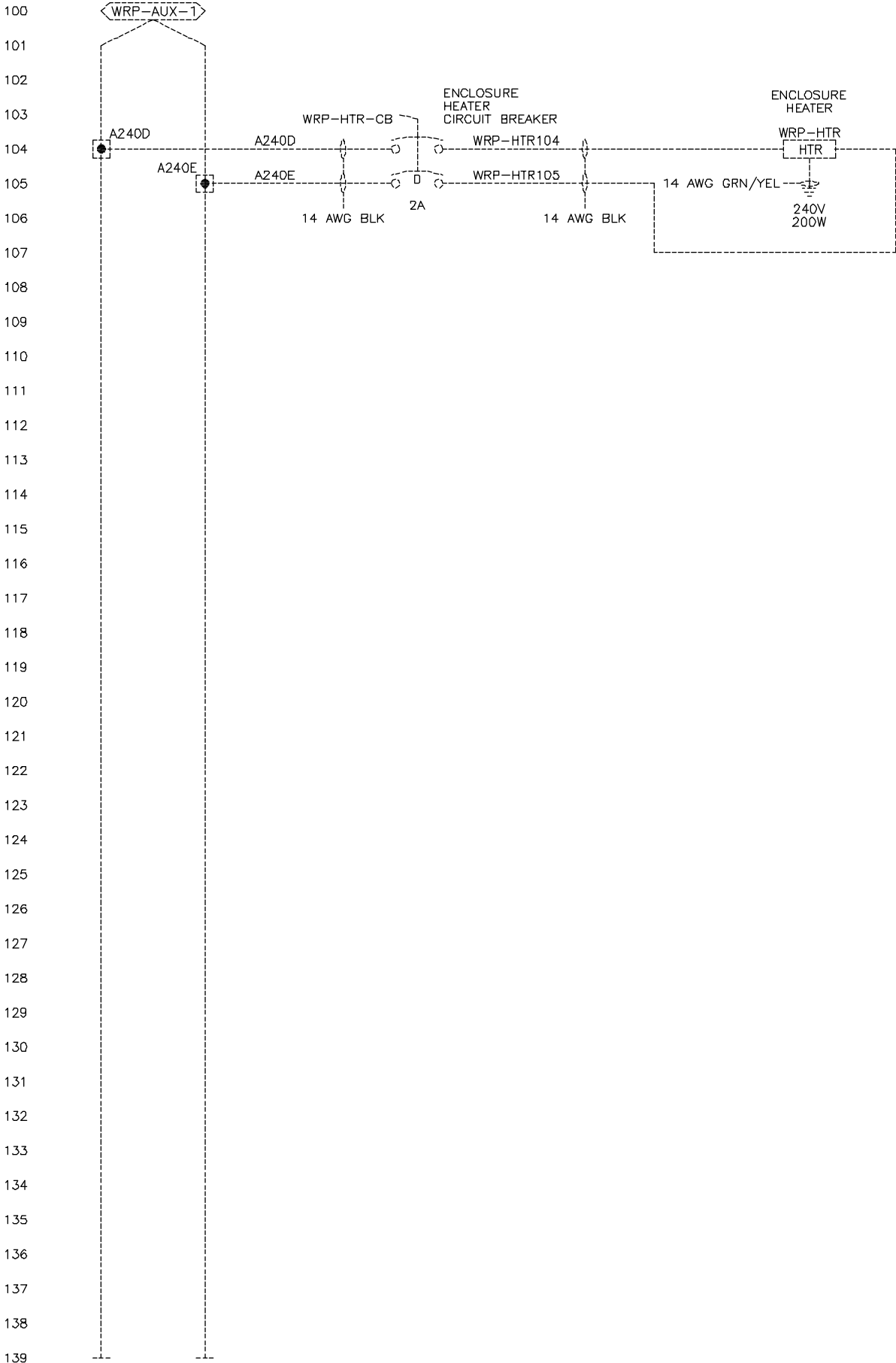
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	Lantech		
	TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME DISPENSE	
	SIZE D	DRAWING REFERENCE 30202715	SHEET 31 OF 62
	DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340

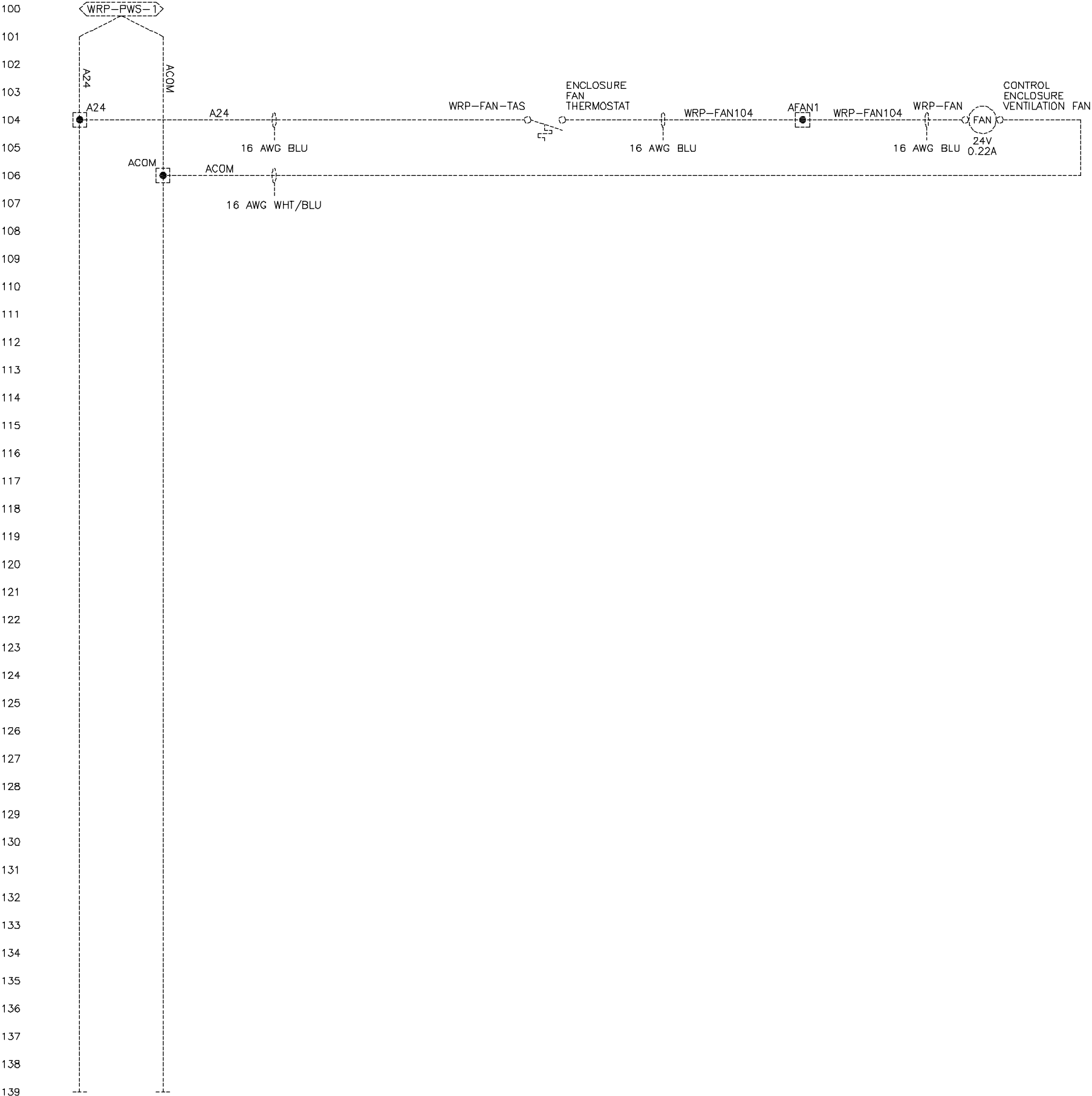




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	DATE	ENGINEER	DRAWING NUMBER
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MODULE

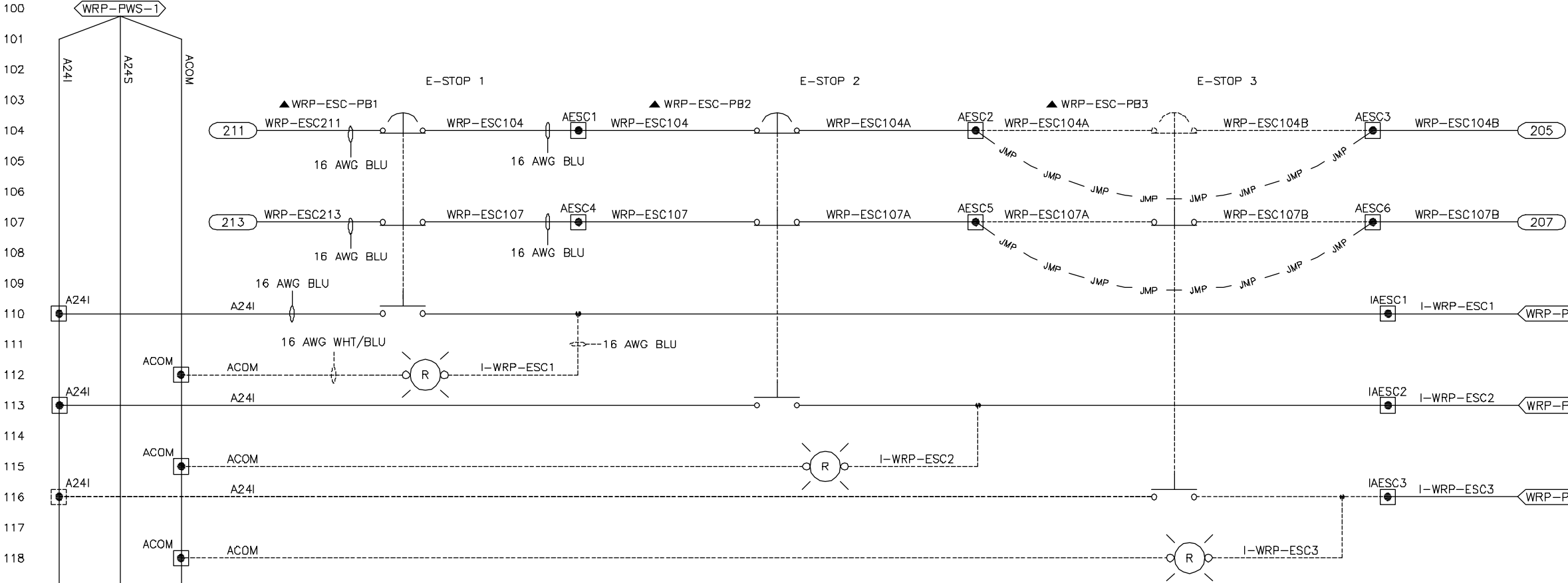
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	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	34 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340

MODULE

WRP-ESC-1



E-STOP PUSHBUTTONS

NOTE: INSTALL JUMPERS WHEN SWITCH NOT SUPPLIED.

E-STOP W/ LIGHT

E-STOP W/ LIGHT

E-STOP W/ LIGHT

Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
EMERGENCY STOP

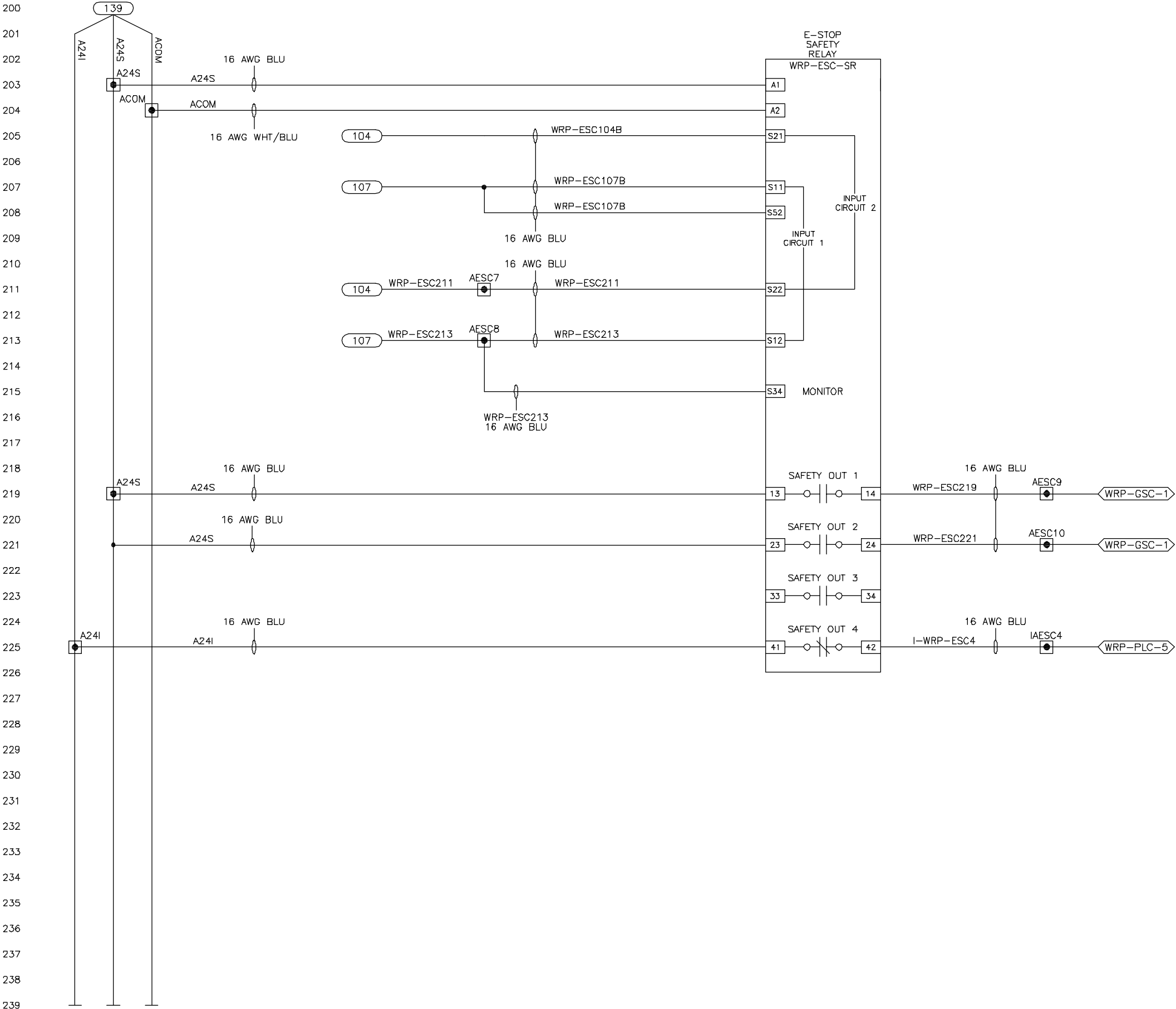
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DATE
23 Sep 2021

ENGINEER
AAM

DRAWING NUMBER
30254340

PLOT TIME STAMP : Sep 23, 2021 - 4:08PM



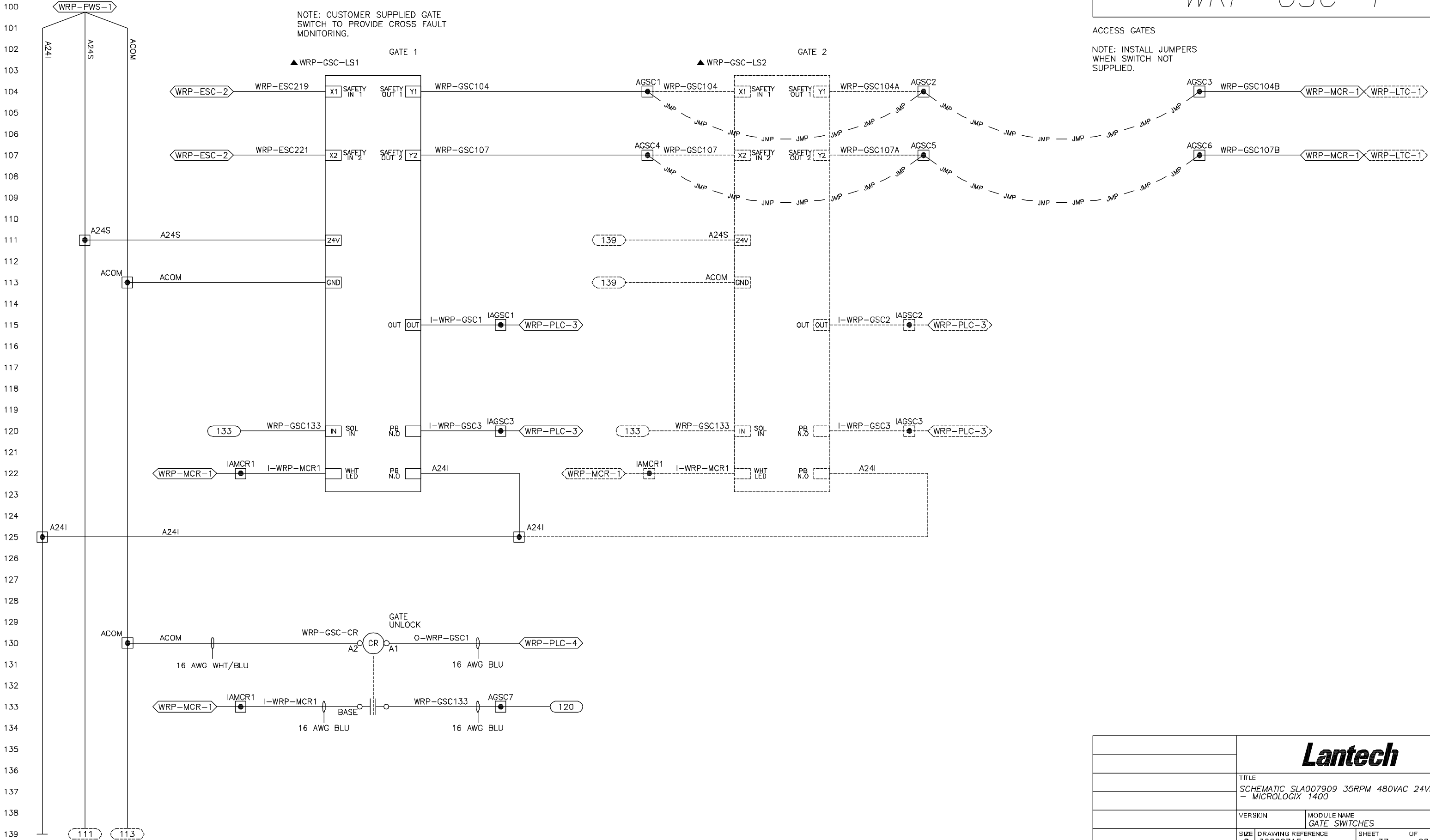
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DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340

MODULE

WRP-GSC-1

ACCESS GATES

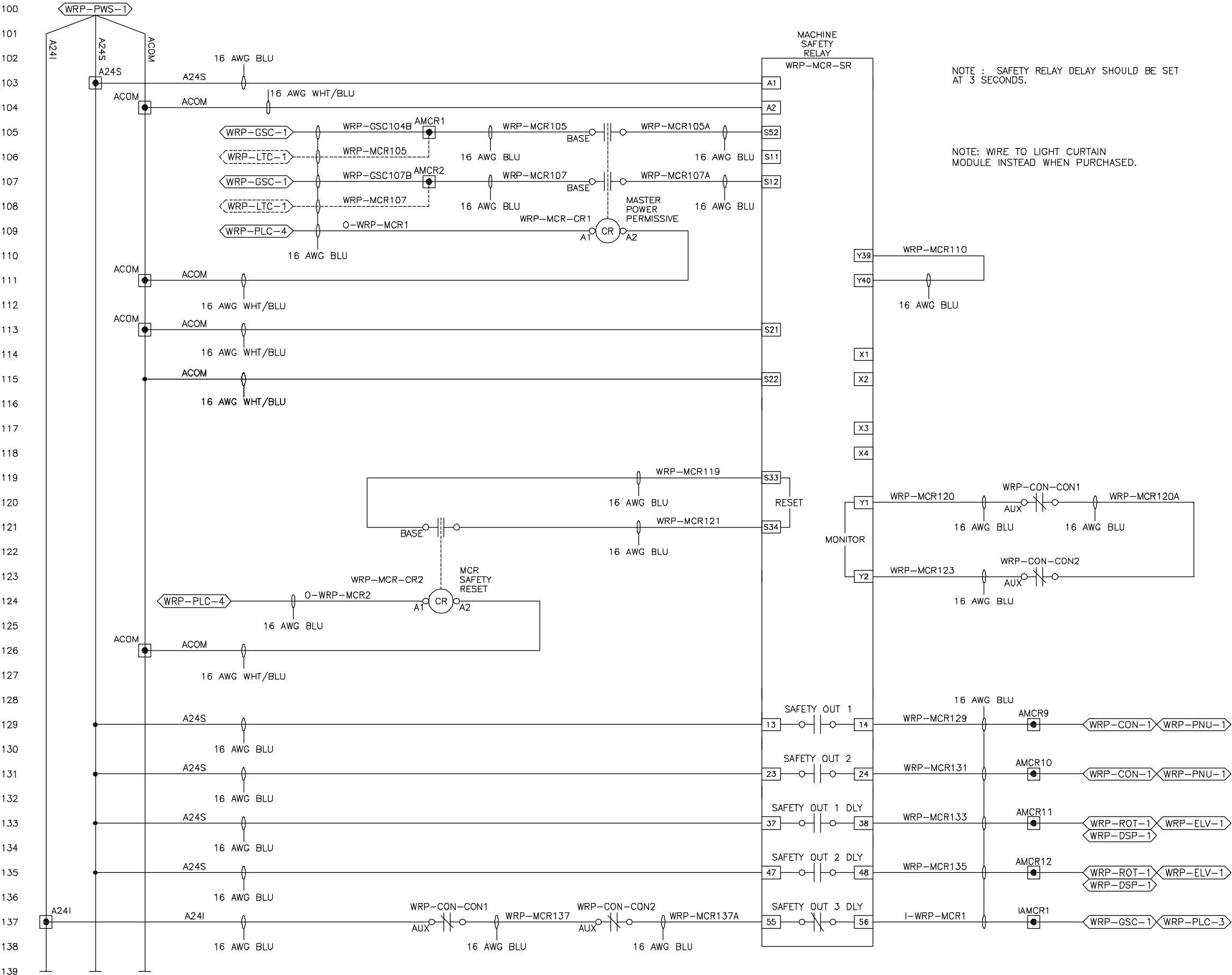
NOTE: INSTALL JUMPERS
WHEN SWITCH NOT
SUPPLIED.



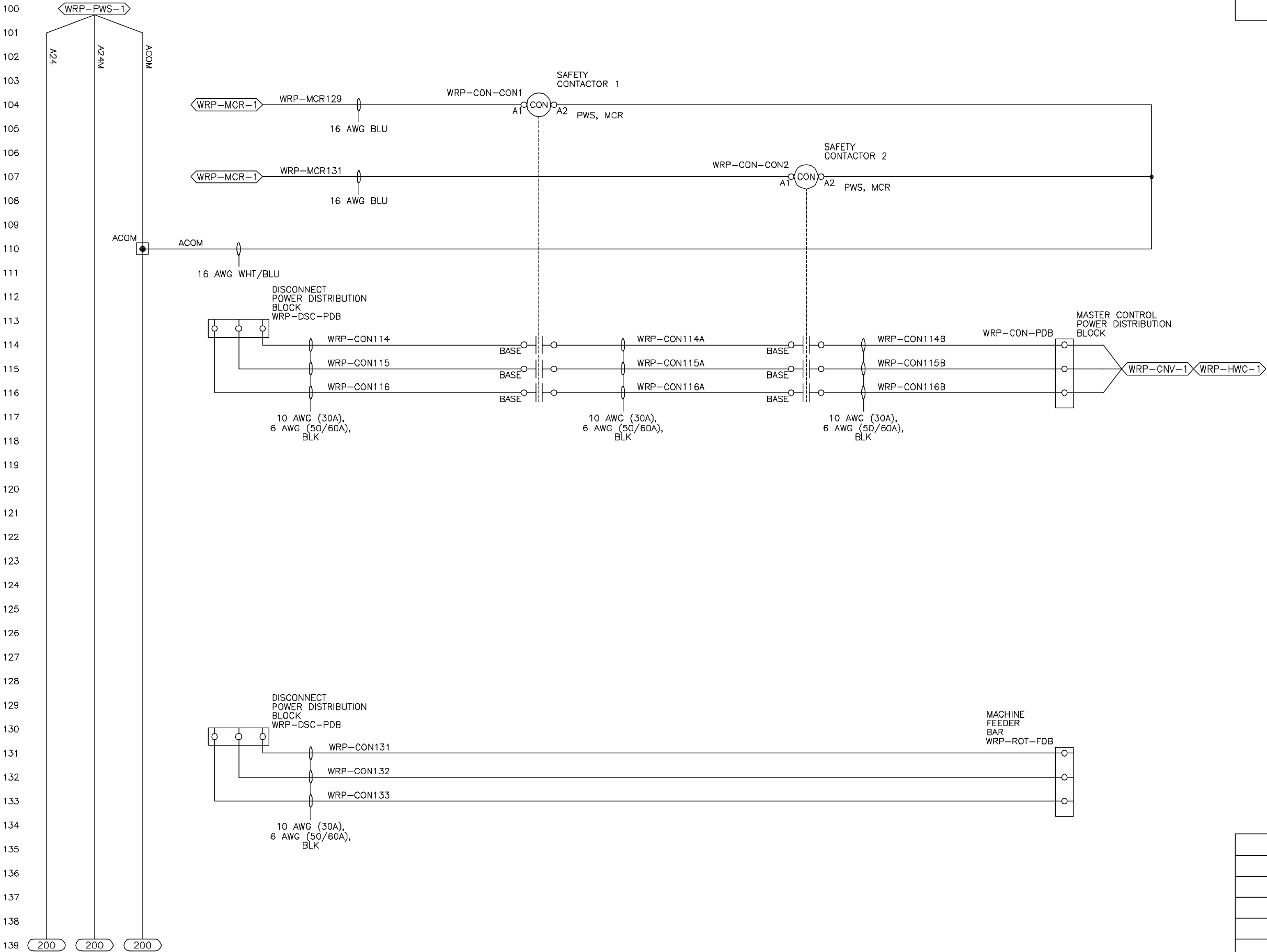
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DATE	ENGINEER	DRAWING NUMBER	
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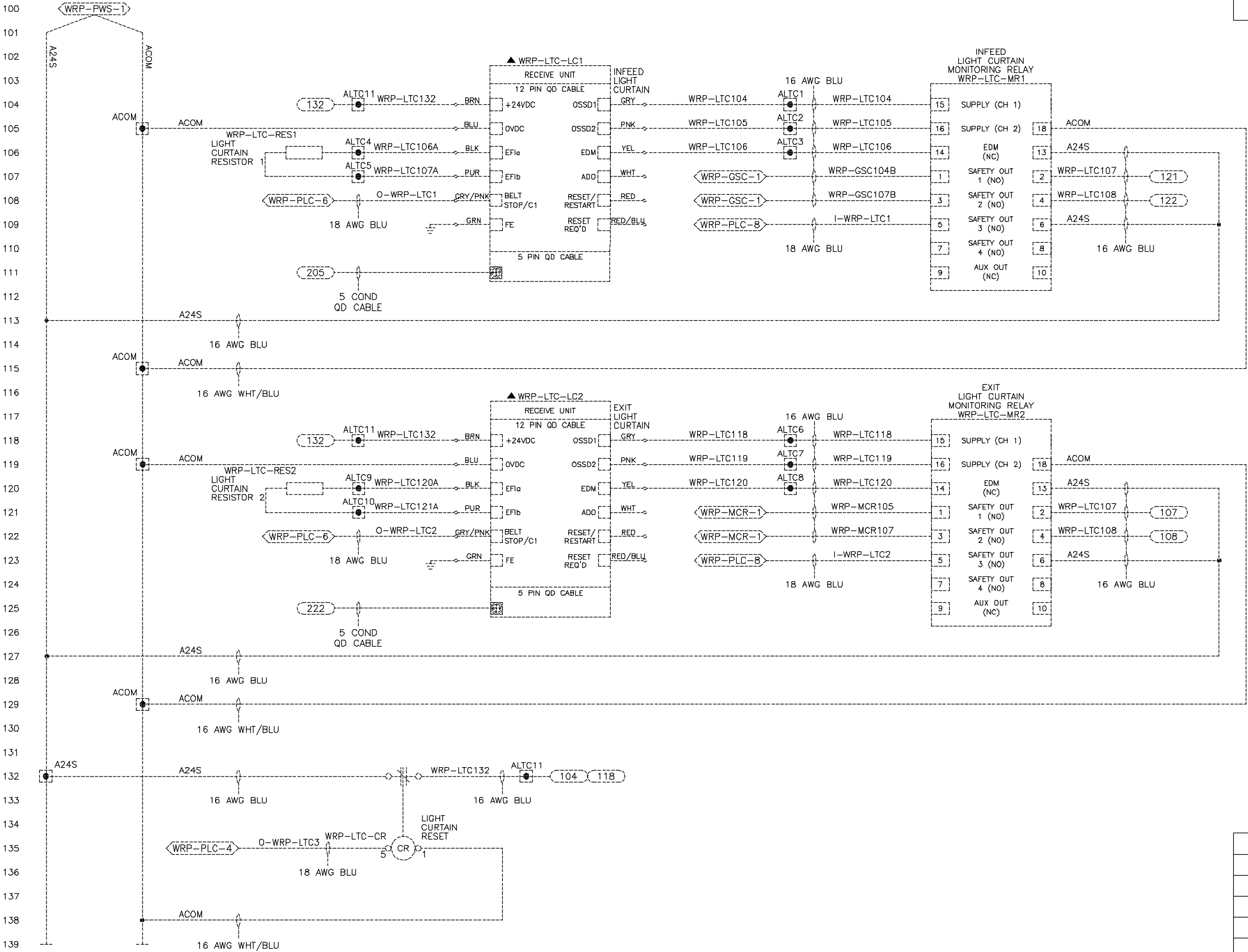
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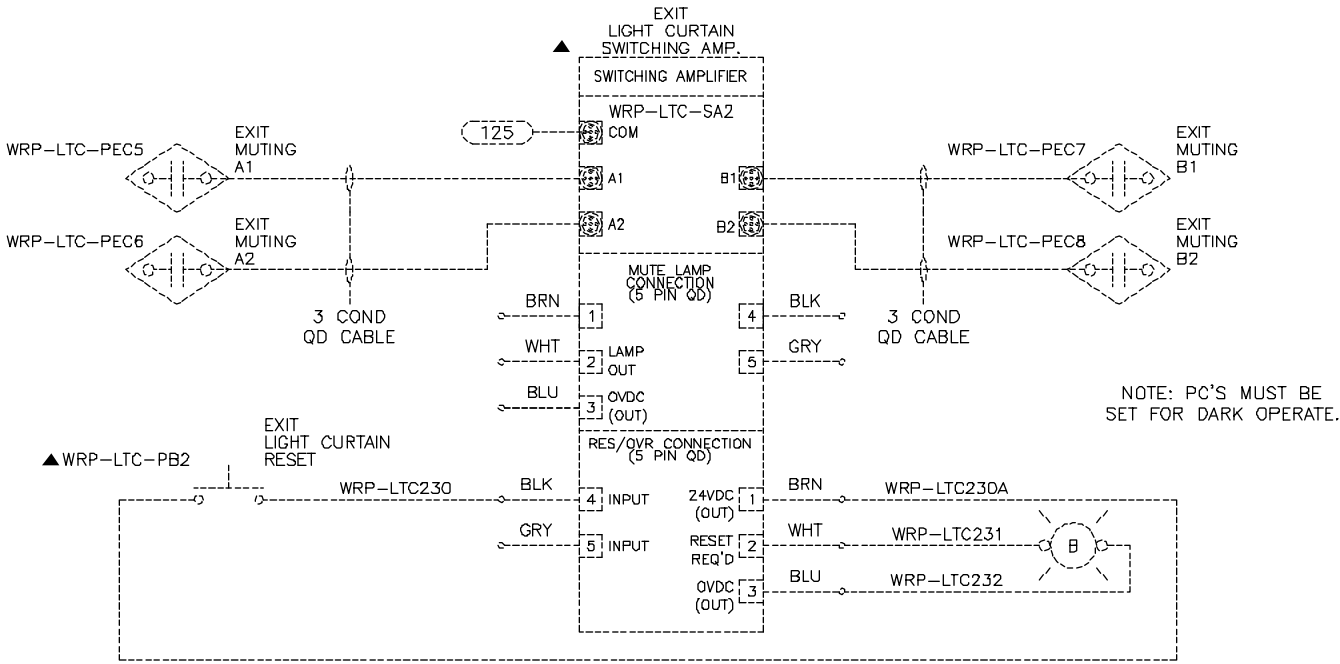
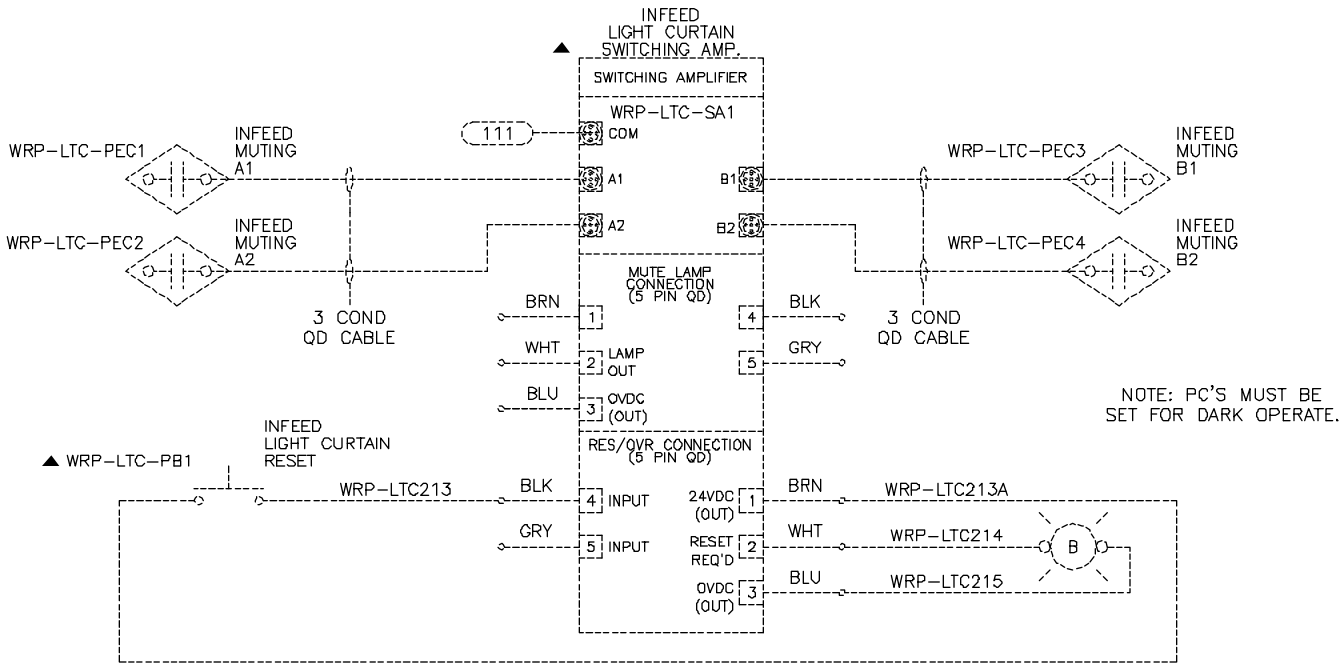
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DATE	ENGINEER	DRAWING NUMBER
23 Sep 2021	AAM	30254340



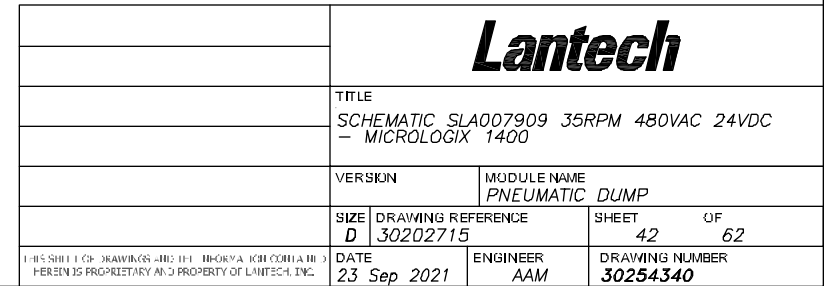
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D	30202715	39	62
DATE	ENGINEER	DRAWING NUMBER	
23 Sep 2021	AAM	30254340	



Lantech			
TITLE SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400			
VERSION		MODULE NAME LIGHT CURTAINS	
SIZE D	DRAWING REFERENCE 30202715	SHEET 40	OF 62
DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340	

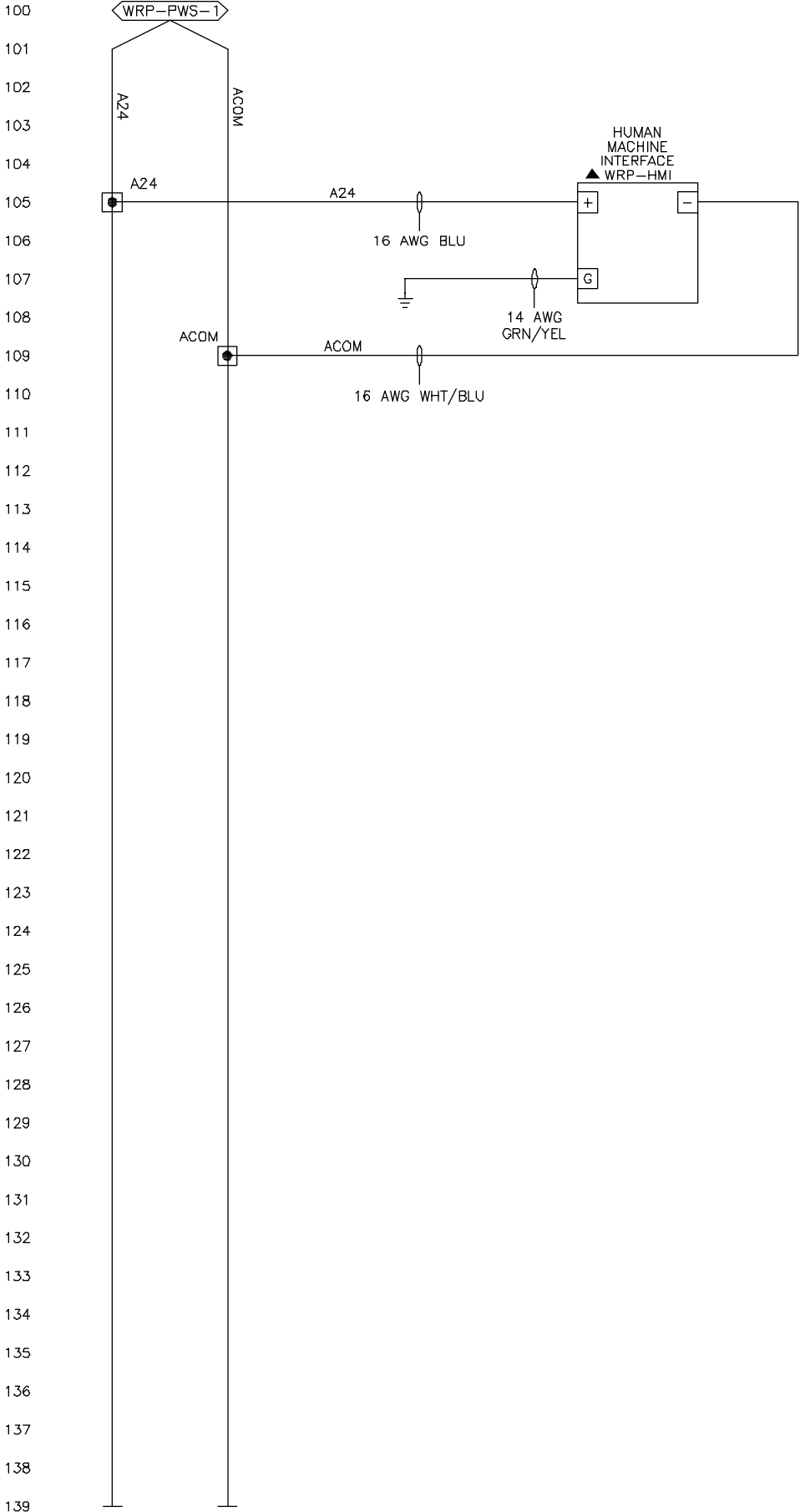


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D	30202715	41	62
DATE	ENGINEER	DRAWING NUMBER	
23 Sep 2021	AAM	30254340	



MODULE

WRP-HMI-1



Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
HUMAN MACHINE INTERFACE

SIZE
D 30202715

SHEET
43

OF
62

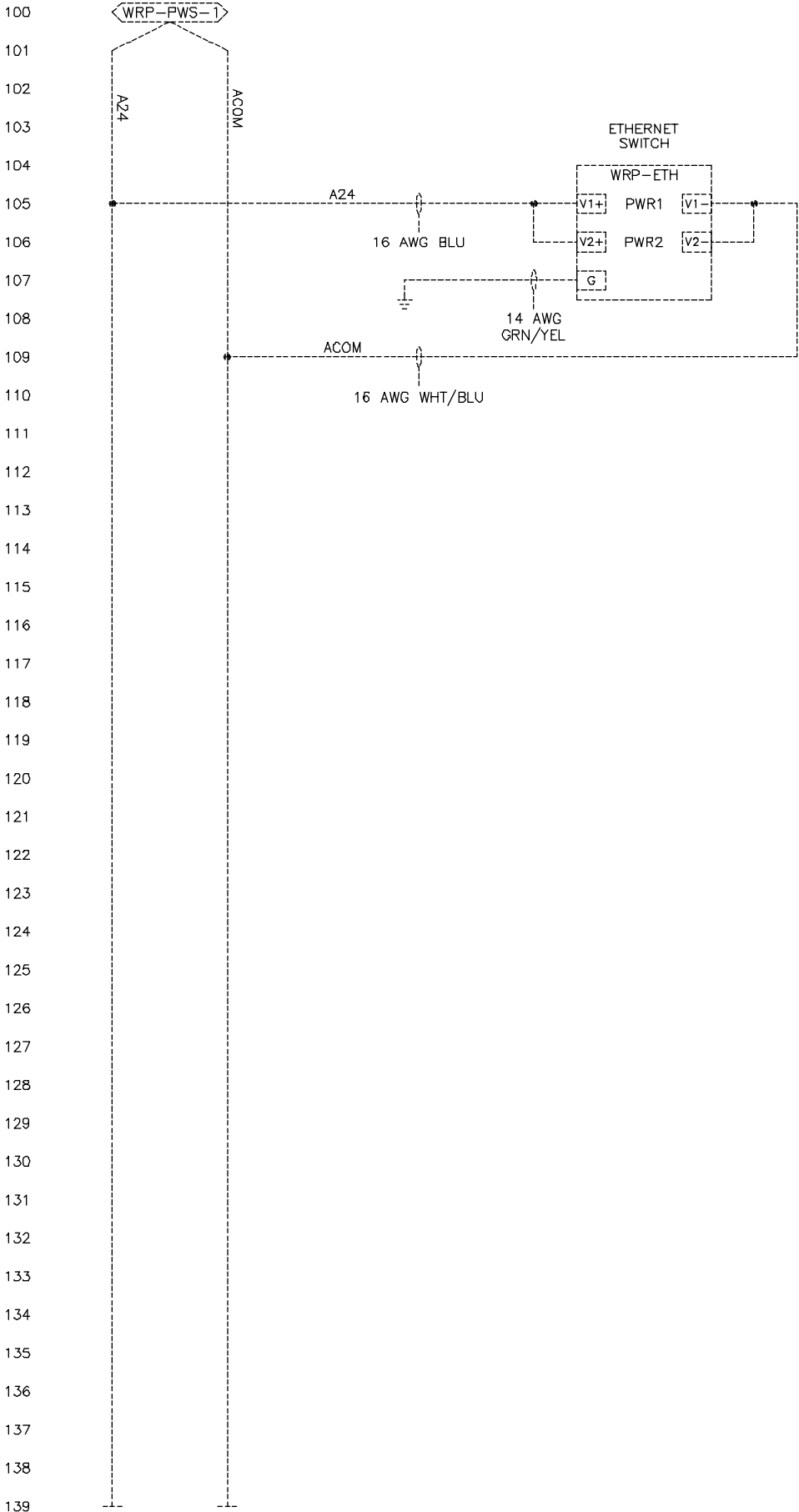
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ENGINEER
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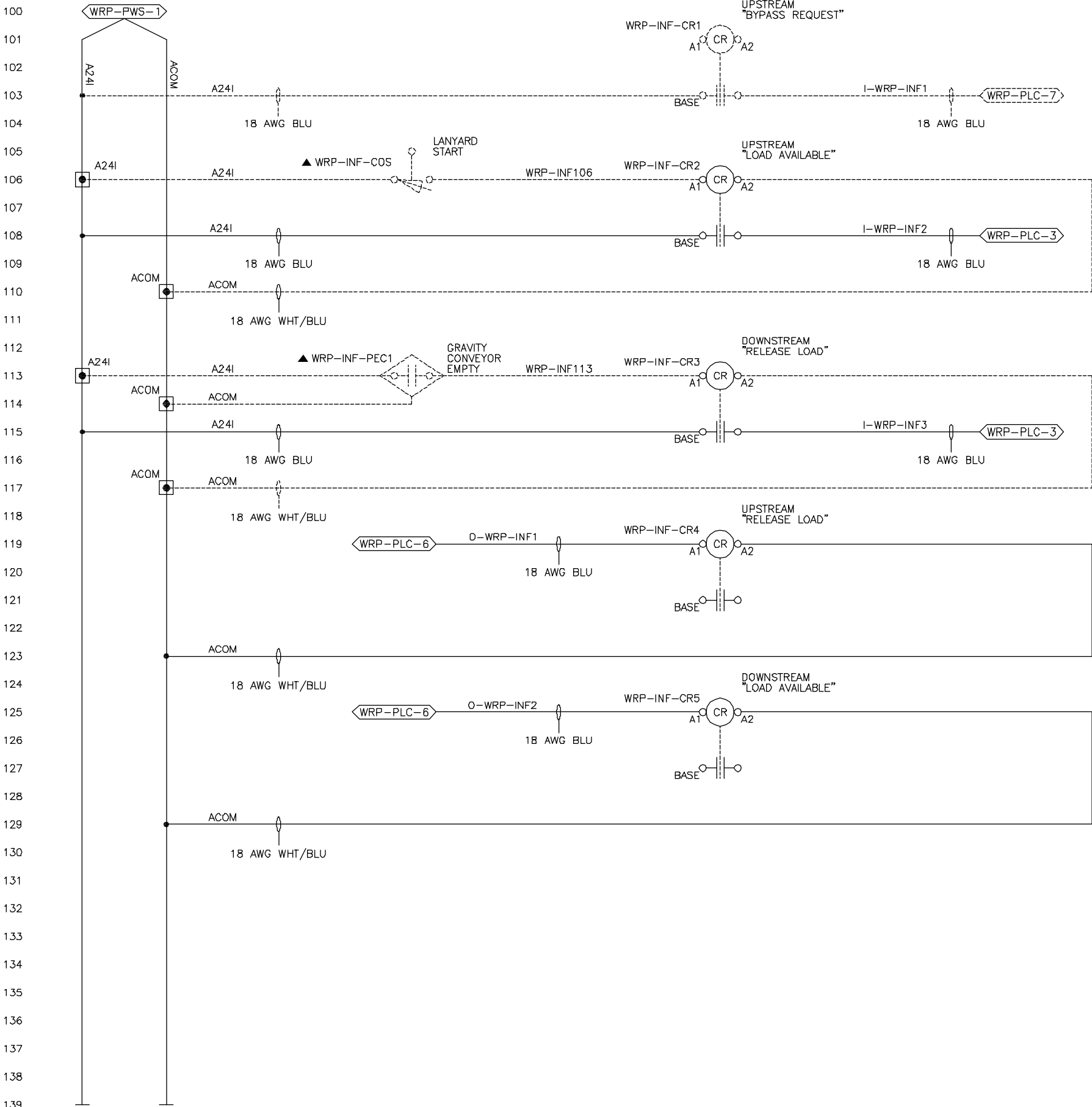
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PLOT TIME STAMP : Sep 23, 2021 - 4:07PM

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	Lantech		
	TITLE		
	SCHEMATIC SLA007909 35RPM 480VAC 24VDC		
	- MICROLOGIX 1400		
	VERSION	MODULE NAME	
		ETHERNET SWITCH	
	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	44 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340



CUSTOMER SUPPLIED
24VDC SIGNAL
SINGLE LOAD BYPASS
-ENERGIZE WHEN LOAD
BEING TRANSFERRED TO
WRAPPER IS TO BE
BYPASSED.

CUSTOMER SUPPLIED
24VDC SIGNAL
UPSTREAM LOAD AVAILABLE
INTERFACE - ENERGIZE
WHEN UPSTREAM LOAD IS
READY TO ENTER
WRAPPER.

CUSTOMER SUPPLIED
24VDC SIGNAL
DOWNSTREAM RELEASE
LOAD INTERFACE -
ENERGIZE WHEN
DOWNSTREAM CONVEYOR IS
READY TO ACCEPT LOAD.

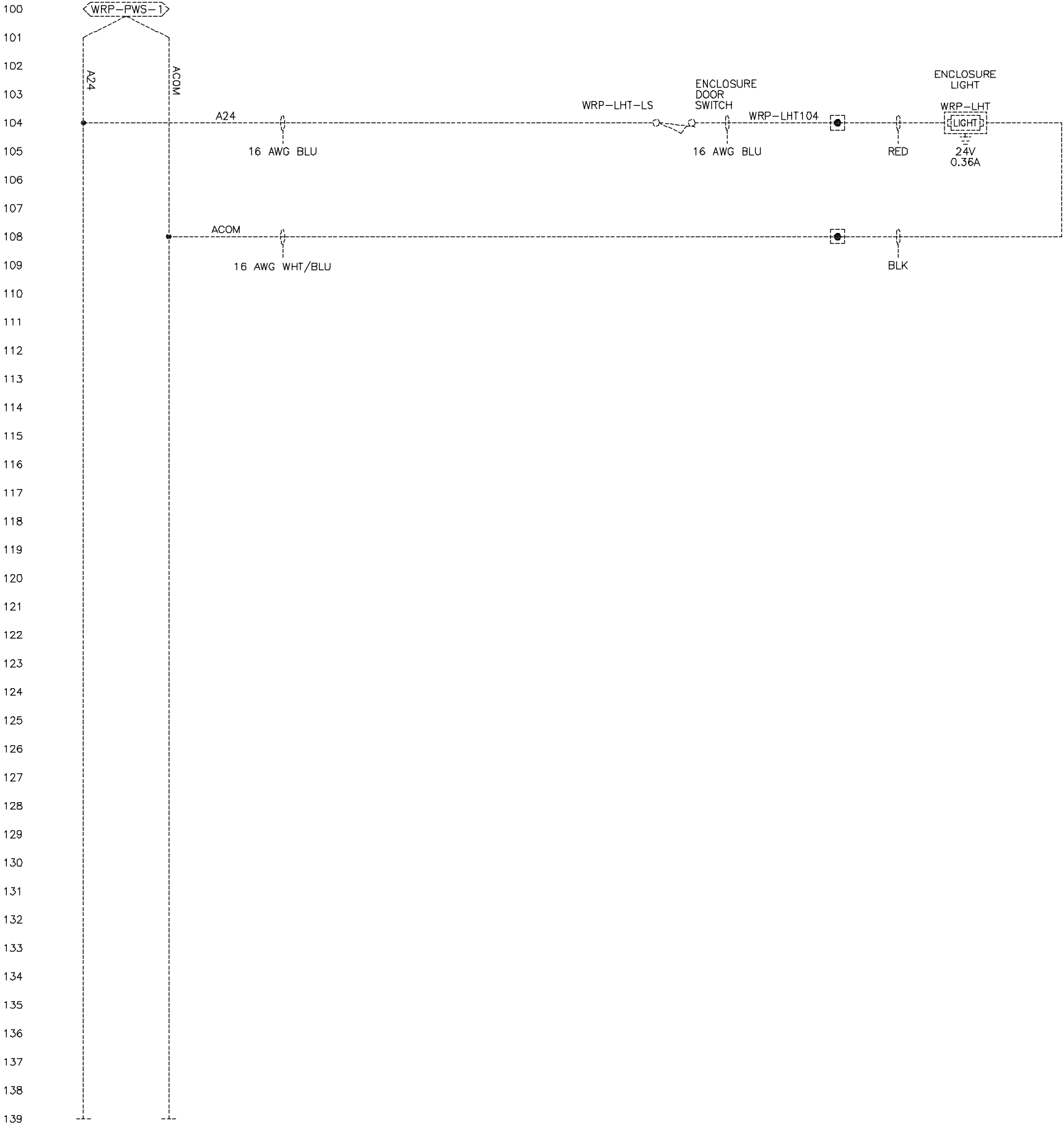
UPSTREAM RELEASE LOAD
INTERFACE - ENERGIZED
WHEN WRAPPER IS READY
TO ACCEPT UPSTREAM
LOAD.

DOWNSTREAM RELEASE
LOAD INTERFACE -
ENERGIZE WHEN WRAPPER
IS READY TO DISCHARGE
LOAD DOWNSTREAM.

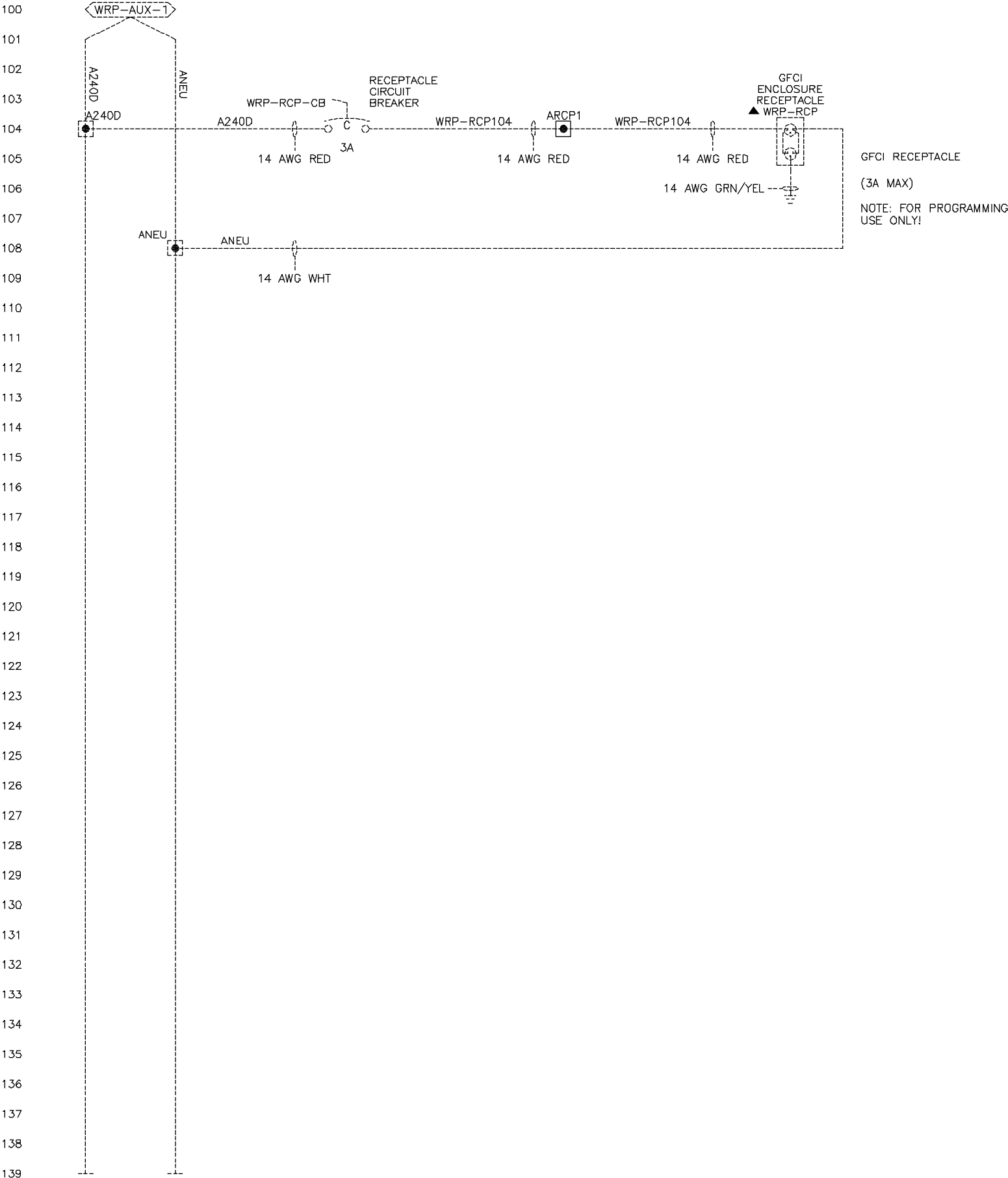
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DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340	

MODULE

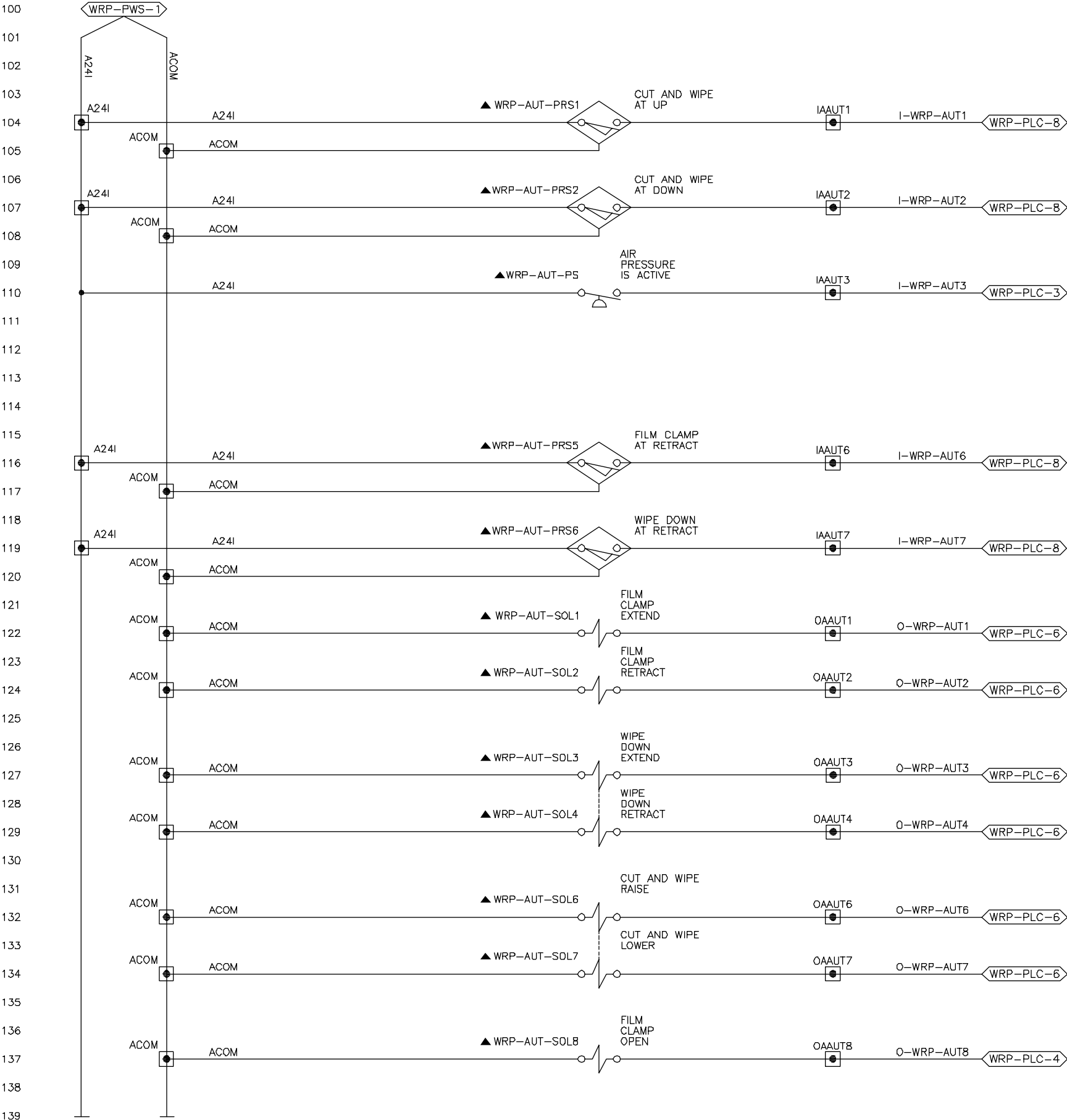
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	- MICROLOGIX 1400		
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		ENCLOSURE LIGHT	
	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	46 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340



	Lantech		
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		ENCLOSURE RECEPTACLE	
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	23 Sep 2021	AAM	30254340



Lantech

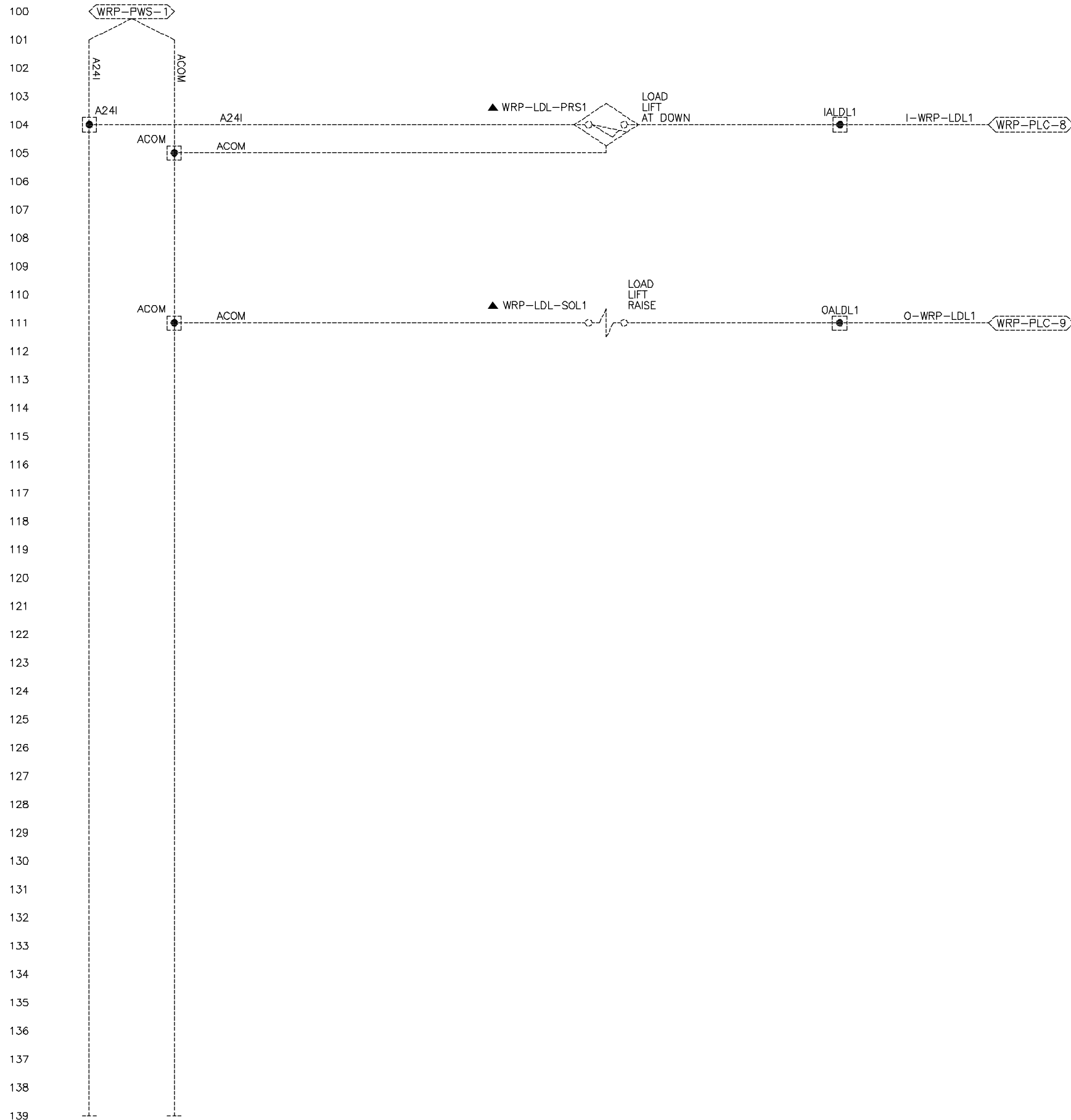
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- MICROLOGIX 1400

VERSION MODULE NAME
AUTOMATION UNIT

SIZE D 30202715 SHEET 48 OF 62

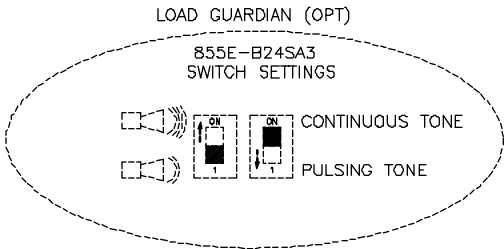
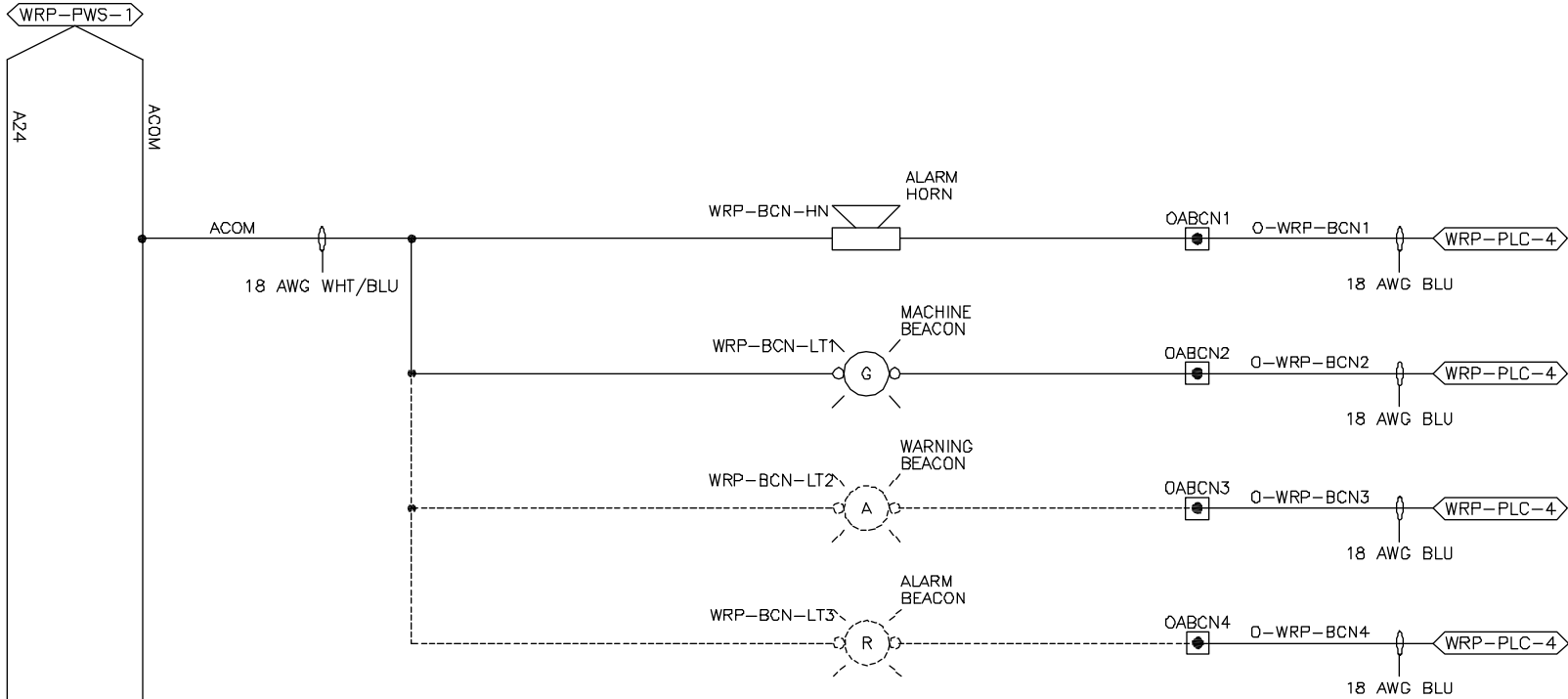
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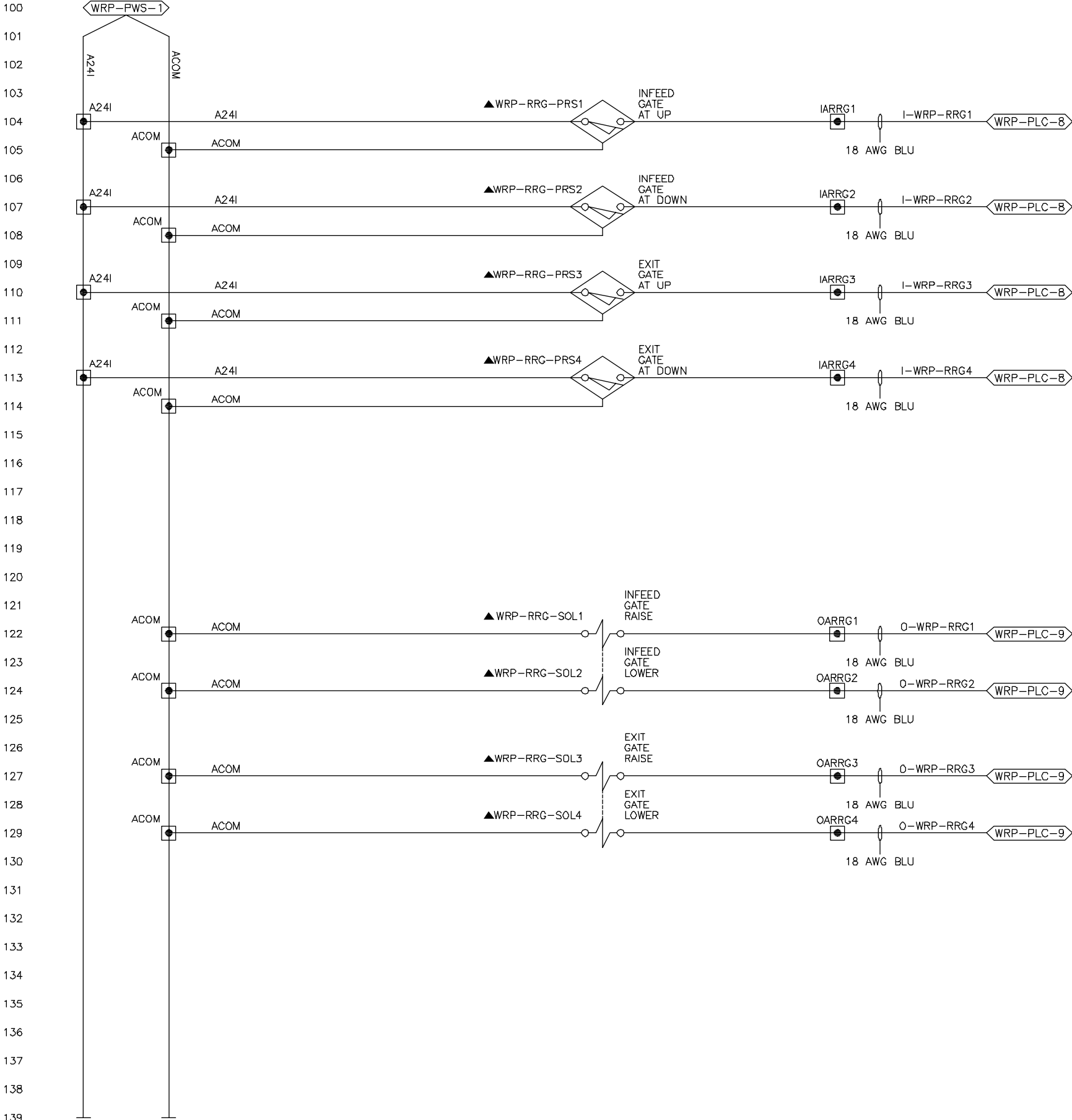


			
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		VERSION	MODULE NAME LOAD LIFT
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			SHEET 49
			OF 62
THIS SHEET IS A DRAWING OF THE DESIGN INFORMATION HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		DATE 23 Sep 2021	ENGINEER AAM
			DRAWING NUMBER 30254340

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	Lantech		
	TITLE		
	SCHEMATIC SLA007909 35RPM 480VAC 24VDC - MICROLOGIX 1400		
	VERSION	MODULE NAME	
		ENCLOSURE BEACON	
	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	50 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340



Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
MODULE NAME
RAIL ROAD GATES

SIZE
D 30202715

SHEET
51

OF
62

DATE
23 Sep 2021

ENGINEER
AAM

DRAWING NUMBER
30254340

100

101

102

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WRP-PWS-1

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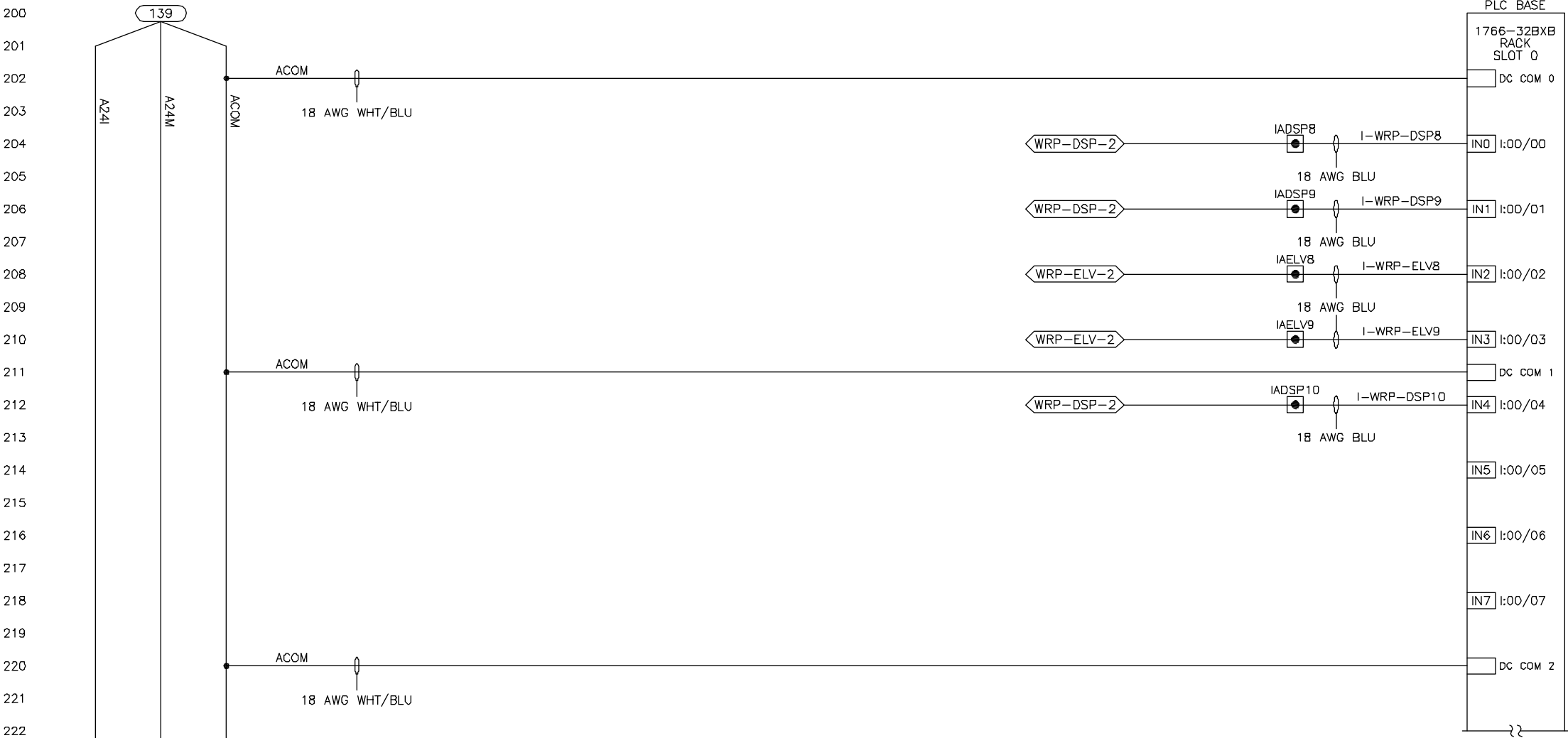
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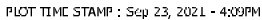
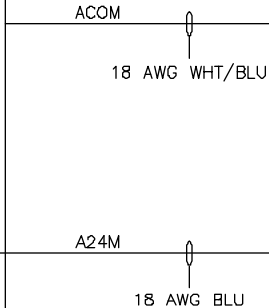
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	- MICROLOGIX 1400		
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	SIZE	DRAWING REFERENCE	SHEET OF
	D	30202715	52 62
	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340

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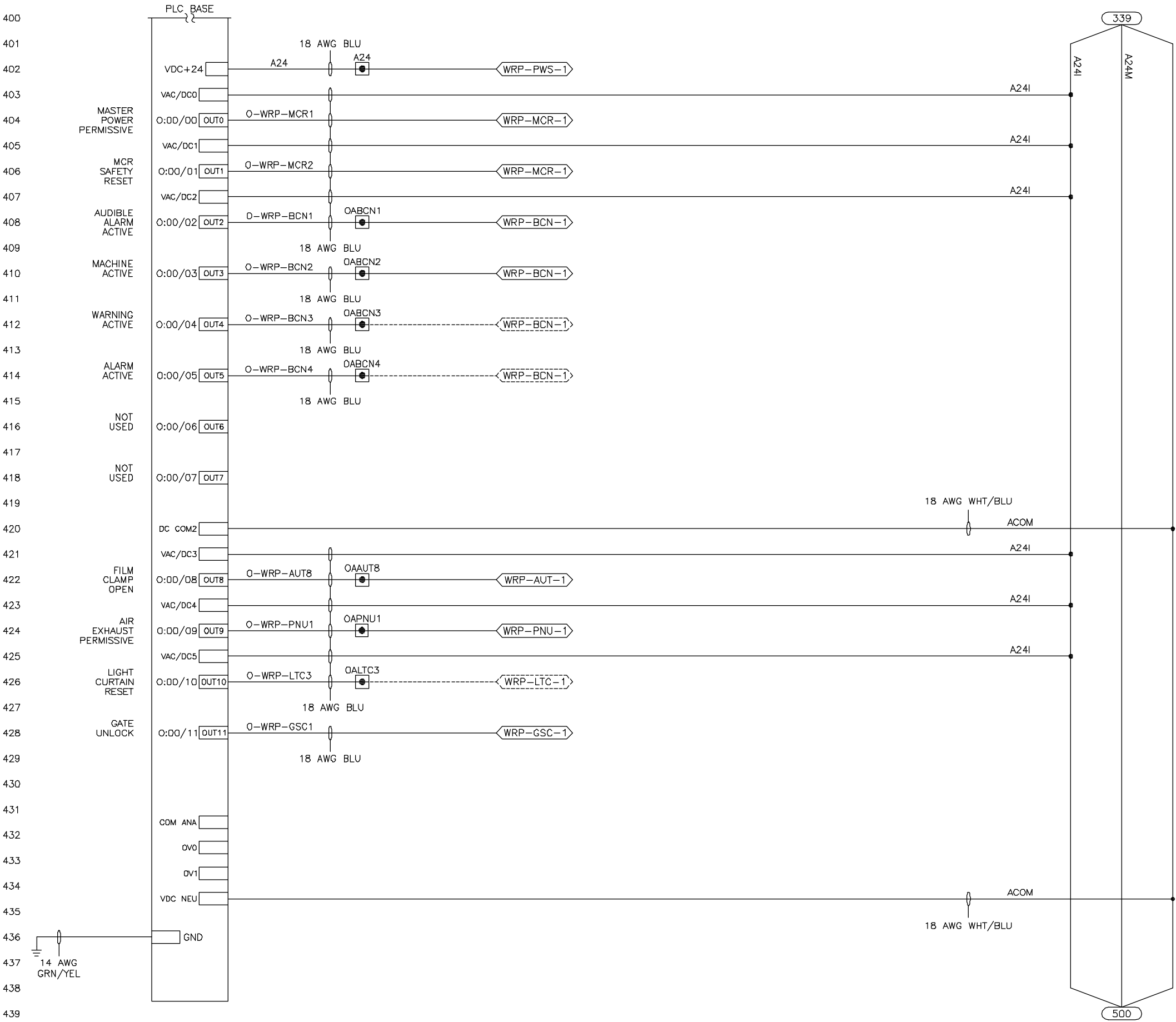
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	SIZE D	DRAWING REFERENCE 30202715	SHEET 53 OF 62
	DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340



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MODULE

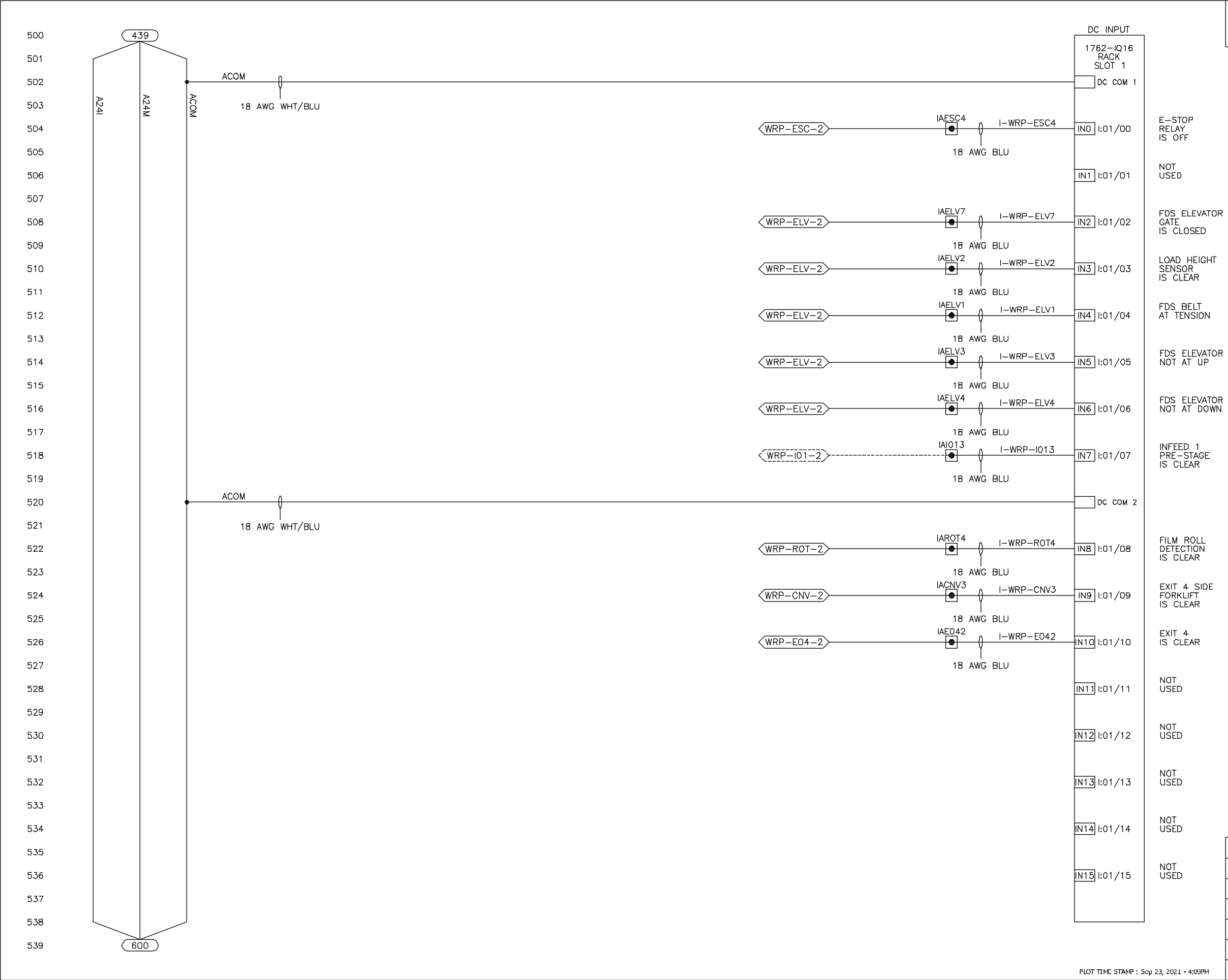
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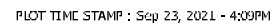
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VERSION		MODULE NAME LOGIC CONTROLLER	
SIZE D	DRAWING REFERENCE 30202715	SHEET 55	OF 62
DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340	

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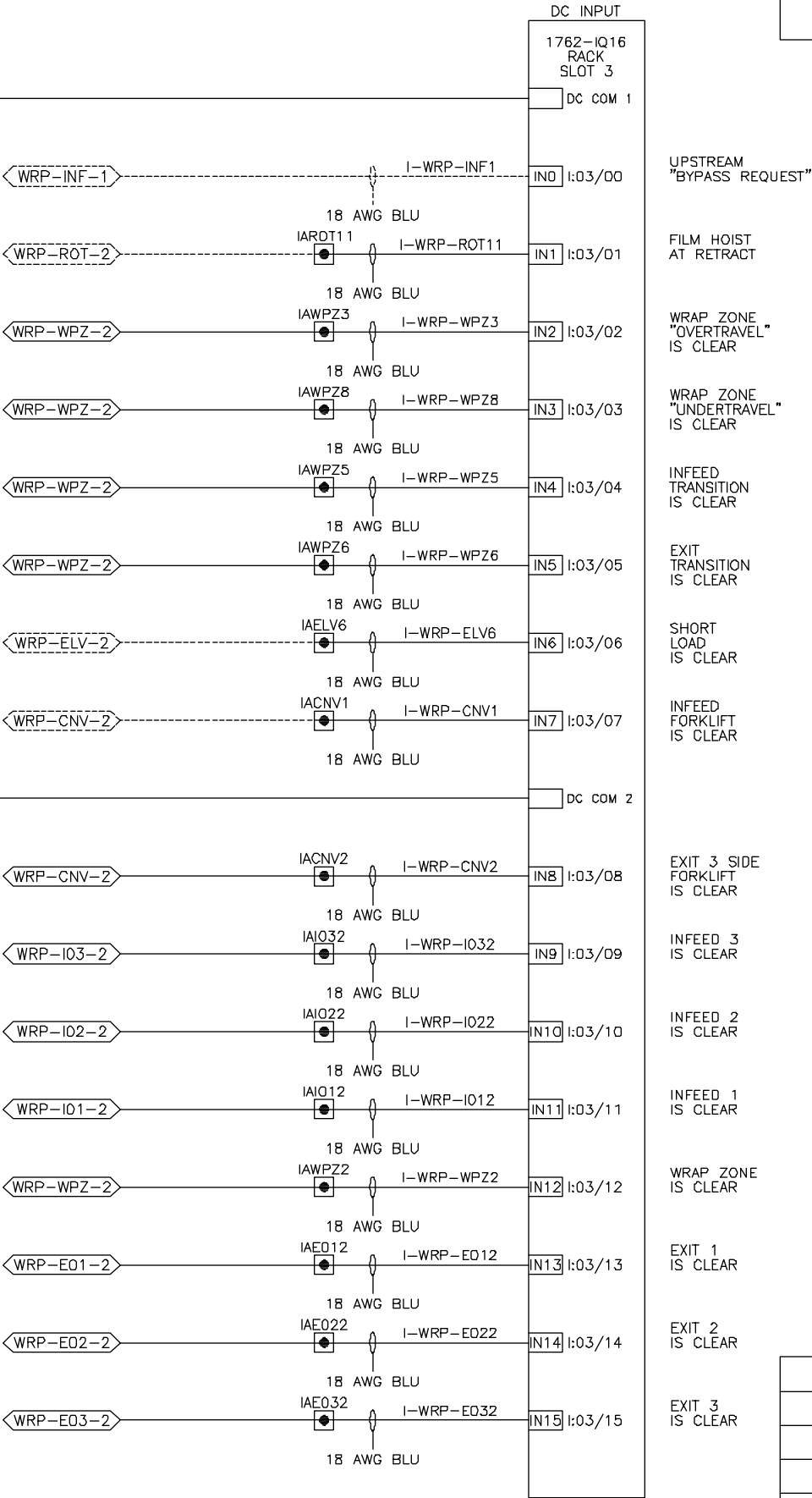
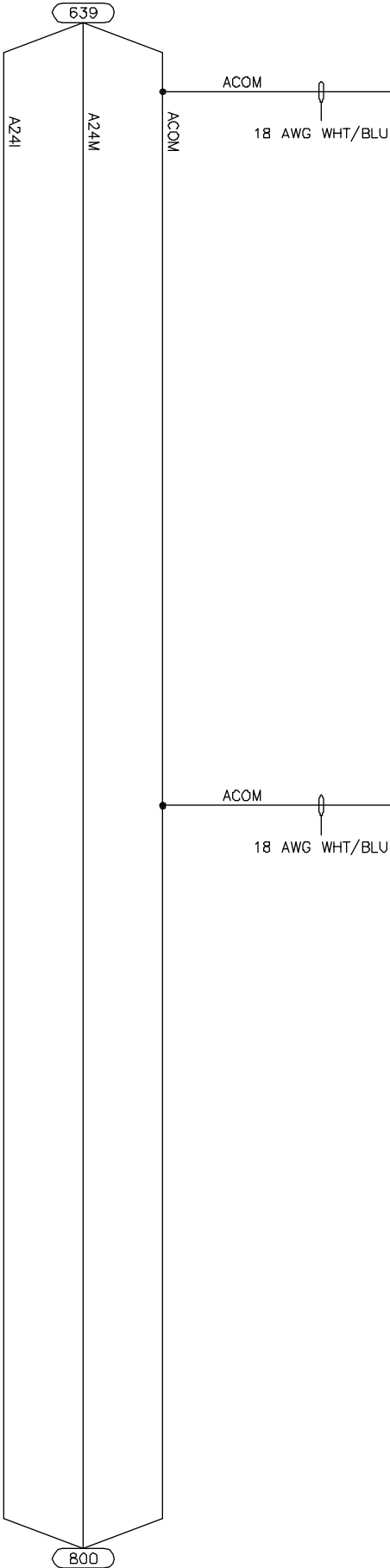


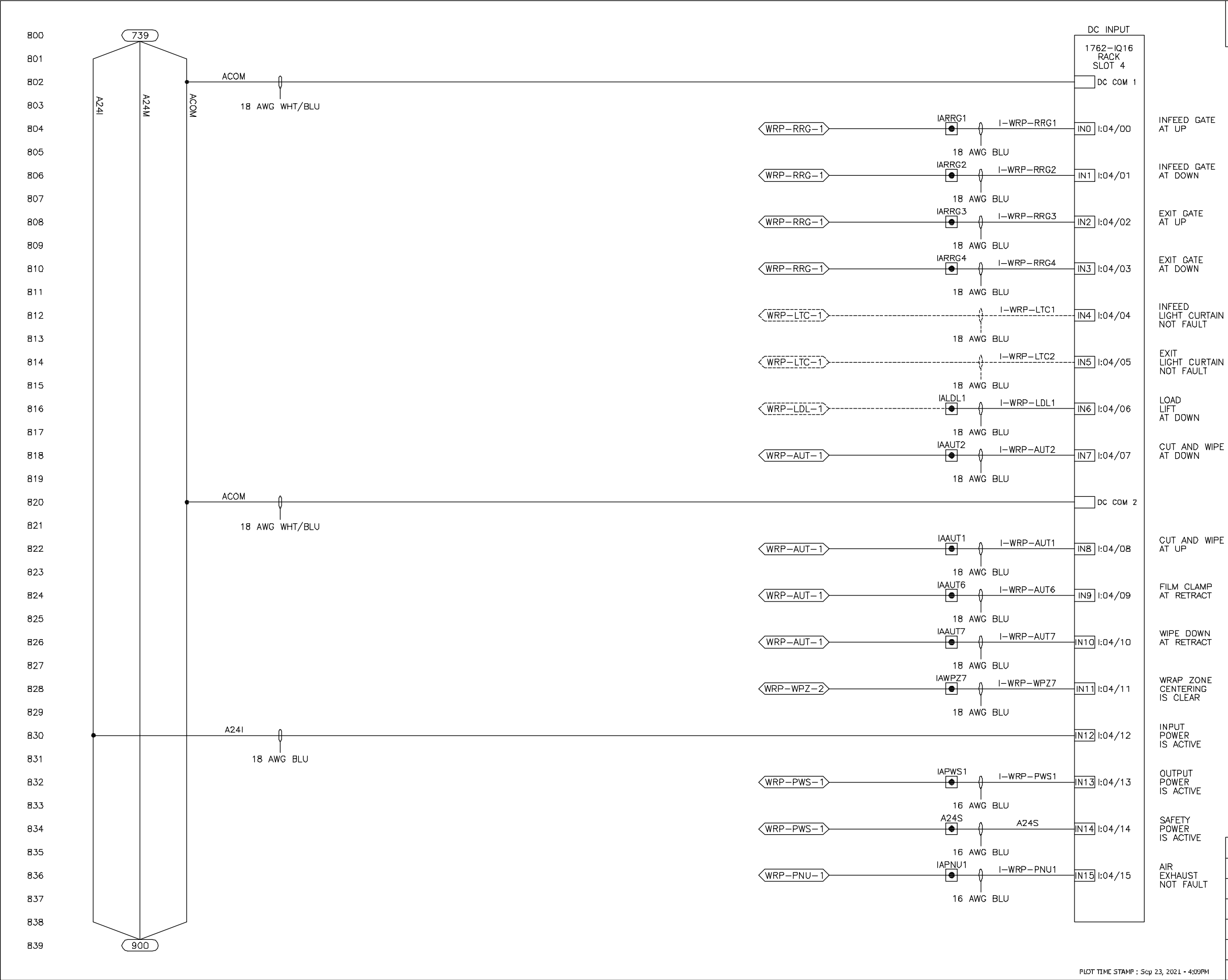
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	DATE	ENGINEER	DRAWING NUMBER
	23 Sep 2021	AAM	30254340



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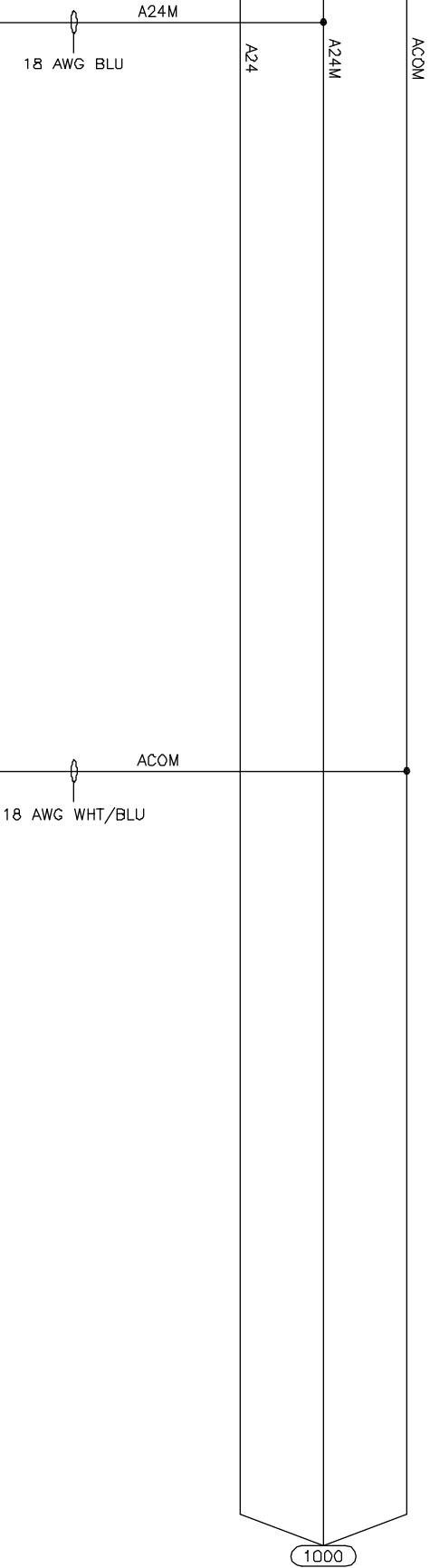
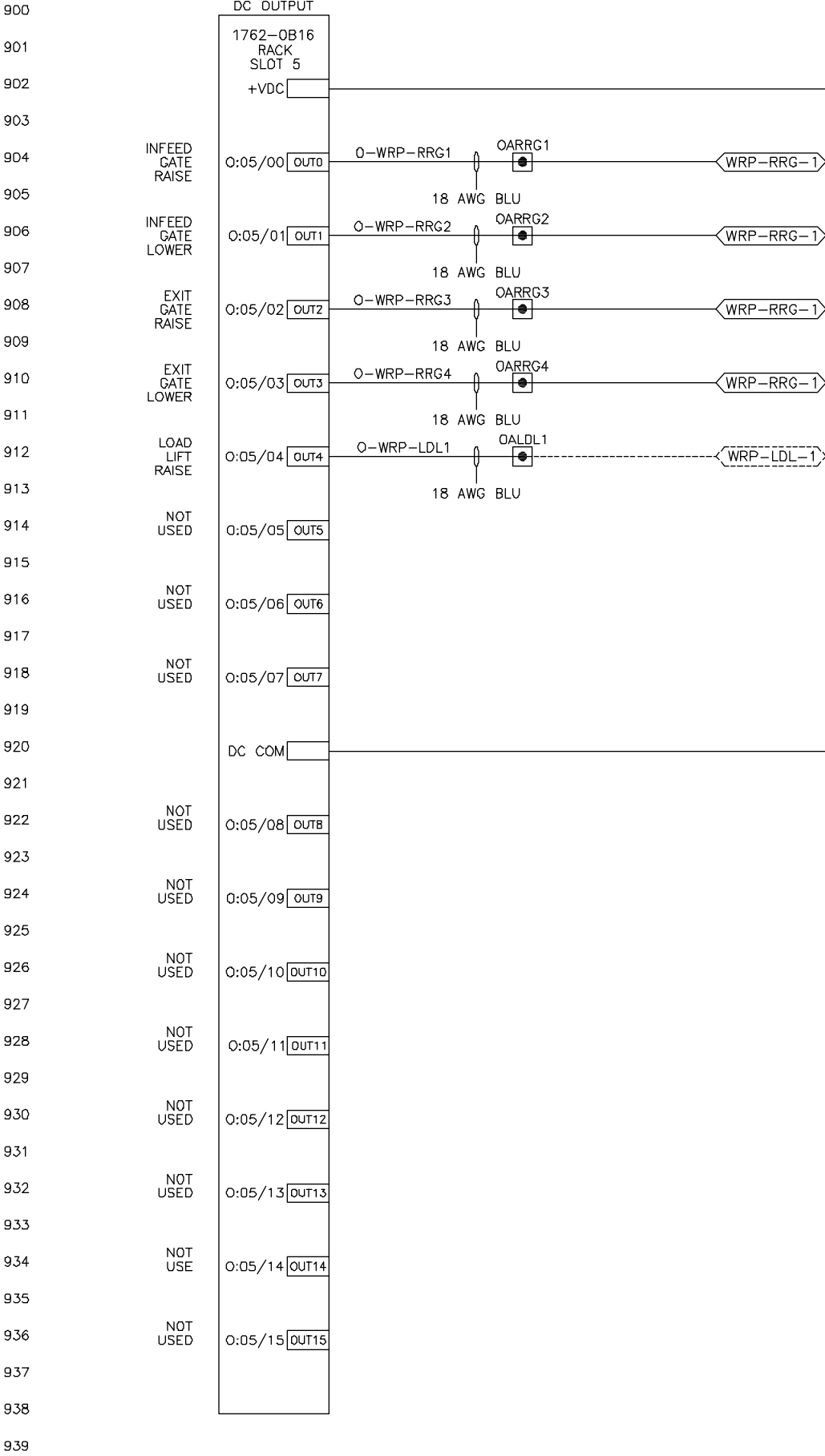
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MODULE

WRP-PLC-9



Lantech

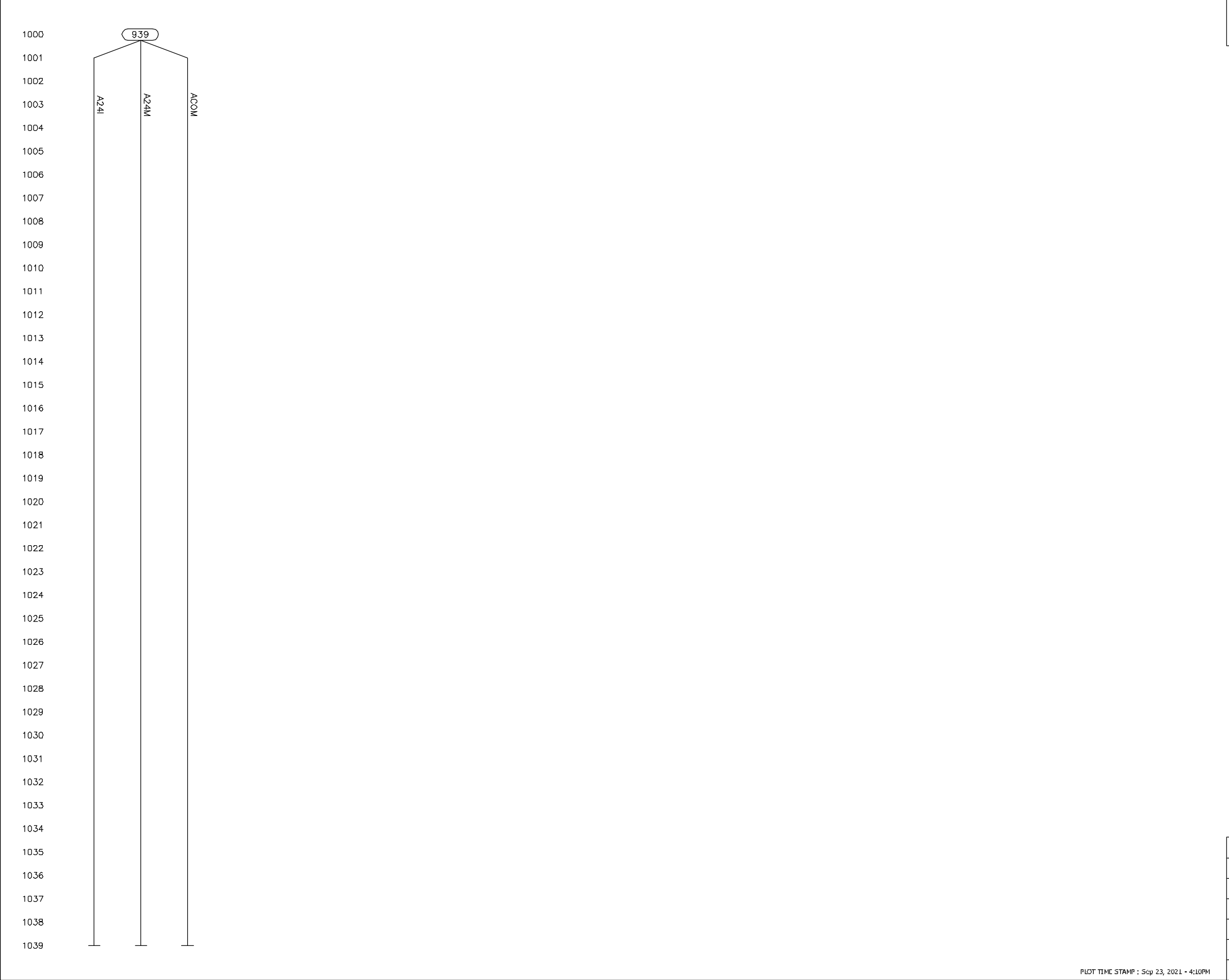
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- MICROLOGIX 1400

VERSION
MODULE NAME
LOGIC CONTROLLER

SIZE D
DRAWING REFERENCE 30202715
SHEET 60 OF 62

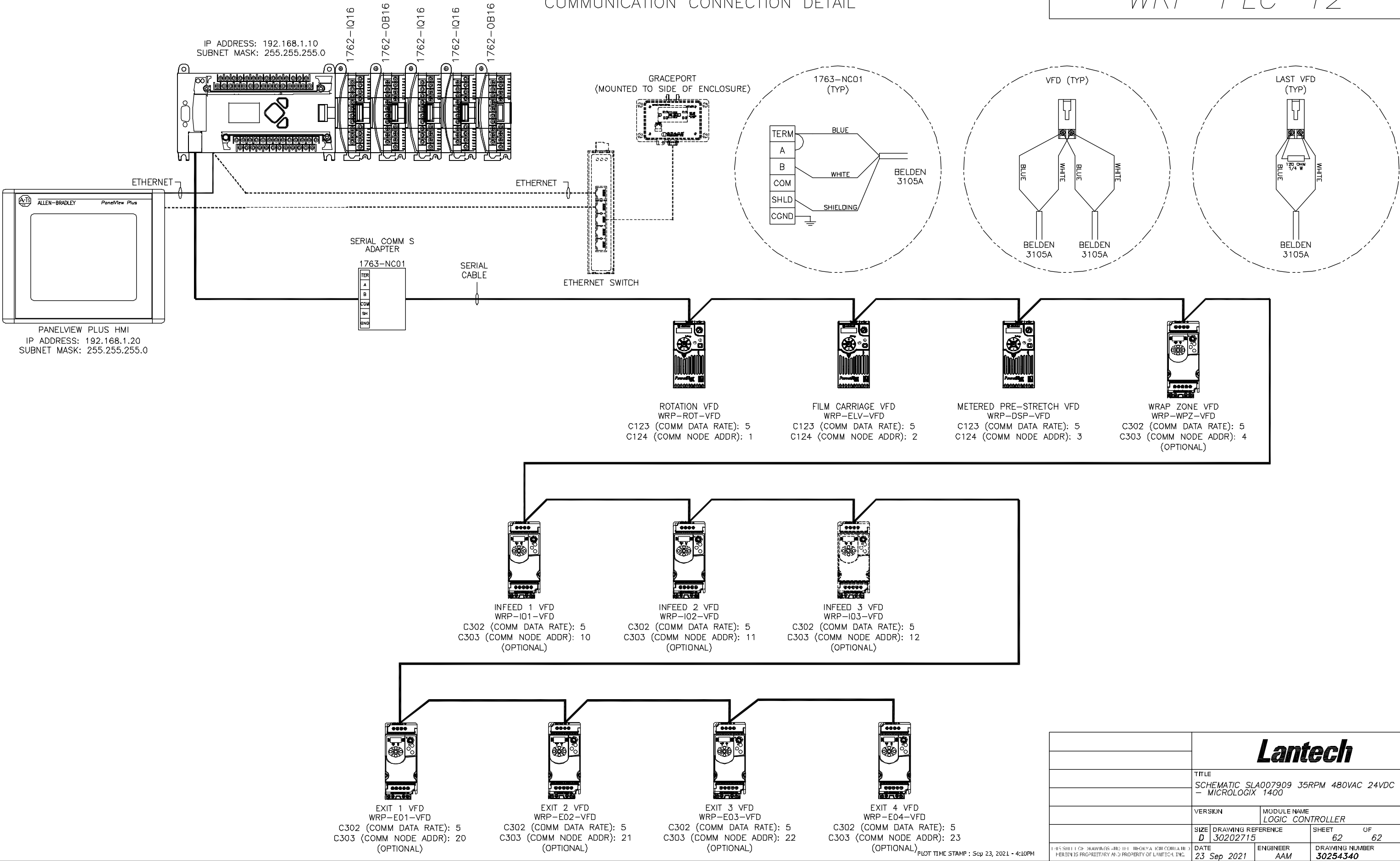
DATE 23 Sep 2021
ENGINEER AAM
DRAWING NUMBER 30254340

PLOT TIME STAMP : Sep 23, 2021 - 4:09PM



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	VERSION	MODULE NAME LOGIC CONTROLLER	
	SIZE D	DRAWING REFERENCE 30202715	SHEET OF 61 62
	DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254340

COMMUNICATION CONNECTION DETAIL



Lantech

TITLE
SCHEMATIC SLA007909 35RPM 480VAC 24VDC
- MICROLOGIX 1400

VERSION
LOGIC CONTROLLER

SIZE D 30202715 SHEET 62 OF 62

DATE 23 Sep 2021 ENGINEER AAM DRAWING NUMBER 30254340



Lantech[®]

SL-Series Stretch Wrapping System

TABLE OF CONTENTS

DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER	DESCRIPTION	PAGE	NUMBER
TABLE OF CONTENTS – TABLE OF CONTENTS	1	–	21	–	41	–	61	–	81		
WRAP ZONE – 1 – WRAP ZONE CONVEYOR	2	–	22	–	42	–	62	–	82		
INFEED CNV – 1 – INFEED CONVEYORS	3	–	23	–	43	–	63	–	83		
EXIT CNV – 1 – EXIT CONVEYORS	4	–	24	–	44	–	64	–	84		
ROTATION – 1 – TOP FRAME J–BOX	5	–	25	–	45	–	65	–	85		
ELEVATOR – 1 – WRAP ARM J–BOX	6	–	26	–	46	–	66	–	86		
DISPENSE – 1 – FILM CARRIAGE J–BOX	7	–	27	–	47	–	67	–	87		
FENCING – 1 – FRONT FENCE J–BOX	8	–	28	–	48	–	68	–	88		
FENCING – 2 – REAR FENCE J–BOX	9	–	29	–	49	–	69	–	89		
GUARDING – 1 – LIGHT CURTAINS	10	–	30	–	50	–	70	–	90		
GUARDING – 2 – RAILROAD GATES	11	–	31	–	51	–	71	–	91		
AUT – 1 – AUTOMATION UNIT	12	–	32	–	52	–	72	–	92		
–	13	–	33	–	53	–	73	–	93		
–	14	–	34	–	54	–	74	–	94		
–	15	–	35	–	55	–	75	–	95		
–	16	–	36	–	56	–	76	–	96		
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CONNECTION DIAGRAM

CONNECTOR/CABLE LEGEND		
CONNECTOR	FROM	TO
CBL-1A	ENC-1/RTP-1	JB-1
CBL-1B	ENC-1/RTP-1	JB-1
C-2A	JB-1	SR-1
C-2B	SR-1	JB-2
CBL-3	JB-2	JB-3
CBL-4	ENC-1/RTP-1	DB-4
CBL-5	ENC-1/RTP-1	DB-5
CBL-6A	ENC-1/RTP-1	JB-6
CBL-7	ENC-1/RTP-1	DB-7
CBL-8A	ENC-1/RTP-1	DB-8A
CBL-8B	ENC-1/RTP-1	DB-8B
CBL-8C	ENC-1/RTP-1	DB-8C

NOTES:

1. THIS DRAWING SHOWS CONNECTIONS FOR A FULLY OPTIONED MACHINE. ACTUAL MACHINE MAY HAVE FEWER DEVICES THAN SHOWN.
2. REFER TO ELECTRICAL SCHEMATICS FOR WIRE SIZE AND WIRE COLOR DETAILS.
3. LISTED CONDUIT SIZES ARE THE MINIMUM REQUIREMENTS.

			
		TITLE ILLUSTRATION SLA007909 MACHINE CONNECTION DIAGRAM	
		VERSION	MODULE NAME TABLE OF CONTENTS
		SHEET D 30236482	SHEET OF 1 12
THIS SHEET OF DRAWINGS ARE THE PROPERTY OF LANTECH INC. HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH INC.		DATE 23 Sep 2021	ENGINEER AAM DRAWING NUMBER 30254341

100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)

#14/4C

WRAP ZONE
CONVEYOR MTR

WRAP ZONE CONVEYOR MOTOR WRP-WPZ-MTR		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-WPZ104M	-
2	WRP-WPZ105M	-
3	WRP-WPZ106M	-
4	WRP-WPZ107M	-

QD
CABLES

LOAD LIFT
DOWN

LOAD LIFT
RAISE

LOAD LIFT AT DOWN WRP-LDL-PRS1		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-LDL1	IALDL1
3	ACOM	ACOM

LOAD LIFT RAISE WRP-LDL-SOL1		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-LDL1	OALDL1

EXIT TRANSITION
IS CLEAR

QD
CABLE

EXIT TRANSITION IS CLEAR WRP-WPZ-PEC4		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ6	IAWPZ6
3	ACOM	ACOM

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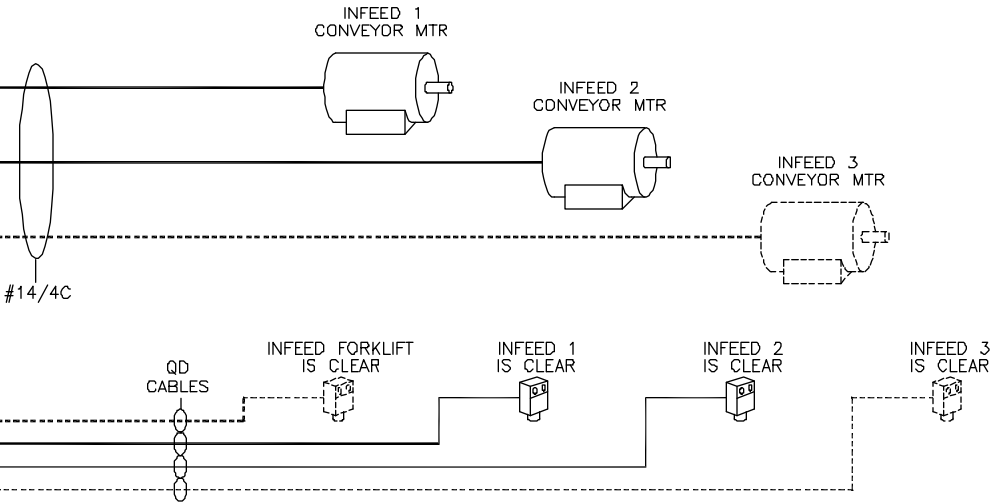
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
WRAP ZONE CONVEYOR

SIZE
D
DRAWING REFERENCE
30236482
SHEET
2
OF
12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



INFEED FORKLIFT IS CLEAR WRP-CNV-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-CNV1	IACNV1
3	ACOM	ACOM

INFEED 1 IS CLEAR WRP-I01-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-I012	IAI012
3	ACOM	ACOM

INFEED 1 CONVEYOR MOTDR WRP-I01-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-I01104M	-
2	WRP-I01105M	-
3	WRP-I01106M	-
4	WRP-I01107M	-

INFEED 2 IS CLEAR WRP-I02-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-I022	IAI022
3	ACOM	ACOM

INFEED 2 CONVEYOR MOTDR WRP-I02-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-I02104M	-
2	WRP-I02105M	-
3	WRP-I02106M	-
4	WRP-I02107M	-

INFEED 3 IS CLEAR WRP-I03-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-I032	IAI032
3	ACOM	ACOM

INFEED 3 CONVEYOR MOTDR WRP-I03-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-I03104M	-
2	WRP-I03105M	-
3	WRP-I03106M	-
4	WRP-I03107M	-

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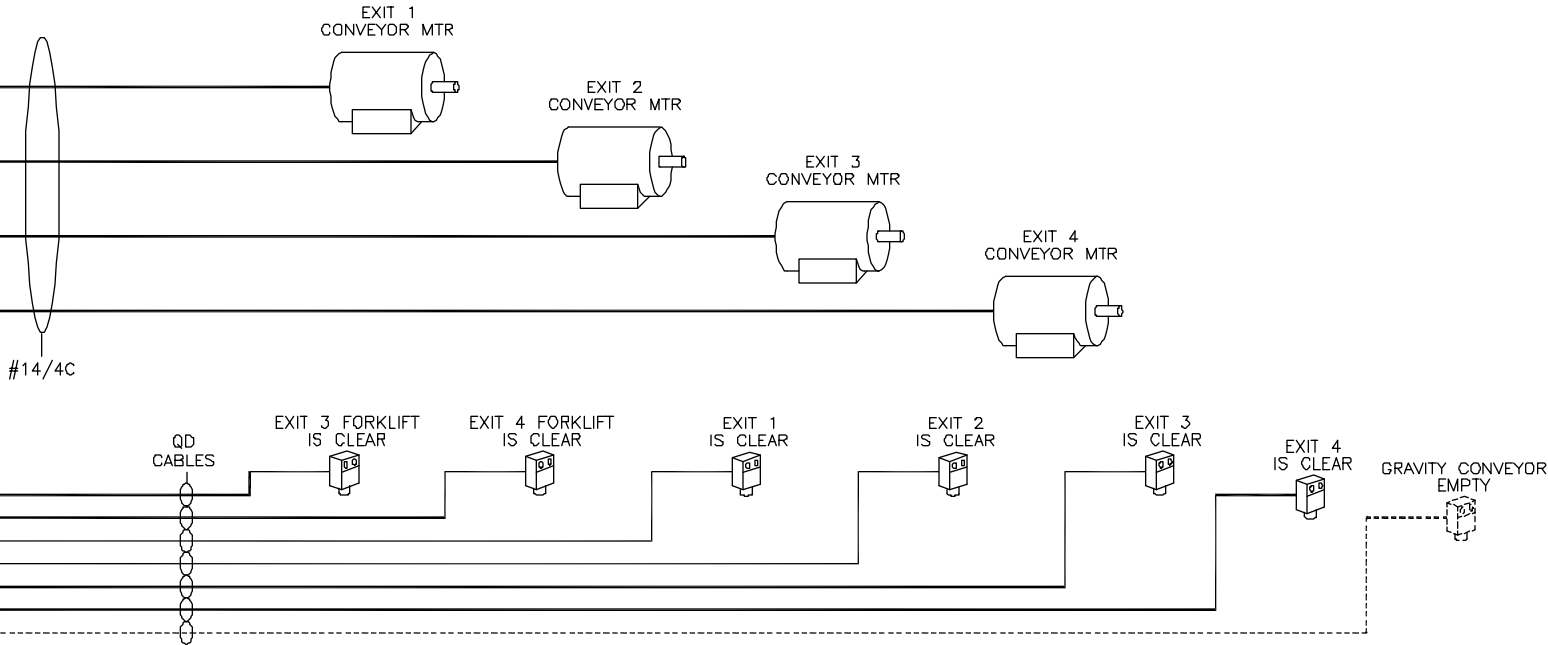
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
INFEED CONVEYORS

SIZE D 30236482 SHEET 3 OF 12

DATE 23 Sep 2021 ENGINEER AAM DRAWING NUMBER 30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



EXIT 1 IS CLEAR WRP-E01-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-E012	IAE012
3	ACOM	ACOM

EXIT 1 CONVEYOR MOTOR WRP-E01-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-E01104M	–
2	WRP-E01105M	–
3	WRP-E01106M	–
4	WRP-E01107M	–

EXIT 2 IS CLEAR WRP-E02-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-E022	IAE022
3	ACOM	ACOM

EXIT 2 CONVEYOR MOTOR WRP-E02-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-E02104M	–
2	WRP-E02105M	–
3	WRP-E02106M	–
4	WRP-E02107M	–

EXIT 3 IS CLEAR WRP-E03-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-E032	IAE032
3	ACOM	ACOM

EXIT 3 CONVEYOR MOTOR WRP-E03-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-E03104M	–
2	WRP-E03105M	–
3	WRP-E03106M	–
4	WRP-E03107M	–

EXIT 4 IS CLEAR WRP-E04-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-E042	IAE042
3	ACOM	ACOM

EXIT 4 CONVEYOR MOTOR WRP-E04-MTR FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-E04104M	–
2	WRP-E04105M	–
3	WRP-E04106M	–
4	WRP-E04107M	–

EXIT 3 FORKLIFT IS CLEAR WRP-CNV-PEC2 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-CNV2	IACNV2
3	ACOM	ACOM

GRAVITY CONVEYOR EMPTY WRP-INF-PEC1 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	WRP-INF113	–
3	ACOM	ACOM

EXIT 4 FORKLIFT IS CLEAR WRP-CNV-PEC3 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-CNV3	IACNV3
3	ACOM	ACOM

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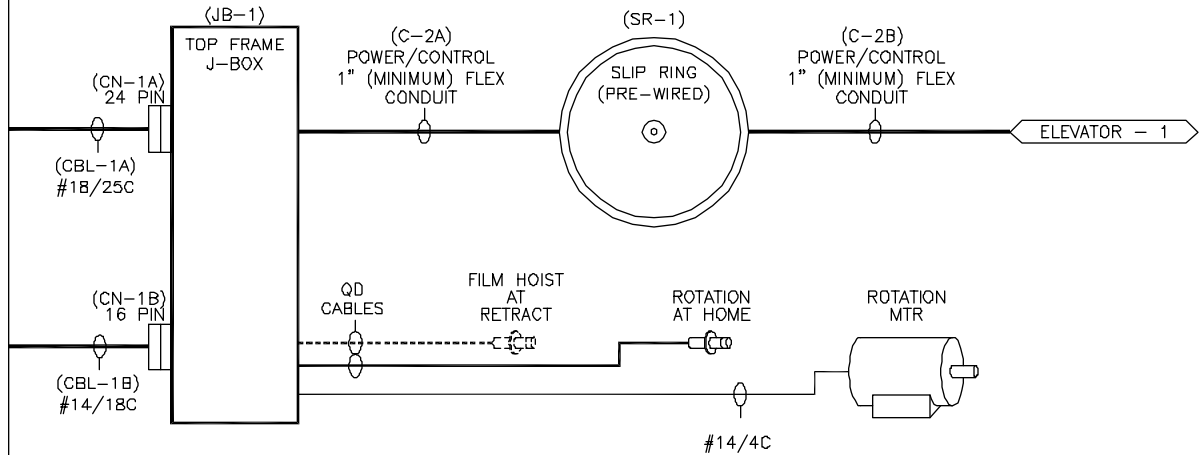
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
EXIT CONVEYORS

SIZE D 30236482 SHEET 4 OF 12

DATE 23 Sep 2021 ENGINEER AAM DRAWING NUMBER 30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



#18AWG/25C OLFLEX TRAY II CABLE — 221825				
CBL-1A				
FROM: (ENC-1) TO (JB-1)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	GROUND	GROUND	—
2	2	S1 ROLER ENCODER (CHANNEL A)	I-WRP-DSP8	IADSP8
3	3	S1 ROLLER ENCODER (CHANNEL B)	I-WRP-DSP9	IADSP9
4	4	RS2 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP10	IADSP10
5	5	24VDC INPUT POWER	A24I	A24I
6	6	DC COMMON	ACOM	ACOM
7	7	FDS BELT AT TENSION	I-WRP-ELV1	IAELV1
8	8	LOAD HEIGHT SENSOR IS CLEAR	I-WRP-ELV2	IAELV2
9	9	FDS ELEVATOR NOT AT UP	I-WRP-ELV3	IAELV3
10	10	FDS ELEVATOR NOT AT DOWN	I-WRP-ELV4	IAELV4
11	11	FDS ELEVATOR BRAKE	WRP-ELV116	AELV5
12	12	FDS ELEVATOR GATE IS CLOSED	I-WRP-ELV7	IAELV7
13	13	ELEVATOR ENCODER (CHANNEL A)	I-WRP-ELV8	IAELV8
14	14	ELEVATOR ENCODER (CHANNEL B)	I-WRP-ELV9	IAELV9
15	15	SPARE	—	—
16	16	ROTATION AT HOME	I-WRP-ROT1	IAROT1
17	17	FILM ROLL DETECTION IS CLEAR	I-WRP-ROT4	IAROT4
18	18	FILM HOIST AT RETRACT	I-WRP-ROT11	IAROT11
19	19	SPARE	—	—
20	20	SPARE	—	—
21	21	SPARE	—	—
22	22	SPARE	—	—
23	23	SPARE	—	—
24	24	SPARE	—	—
GND	GND	GROUND	—	—

#14AWG/18C OLFLEX TRAY II CABLE — 221418				
CBL-1B				
FROM: (ENC-1) TO (JB-1)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	ROTATION MOTOR (T1)	WRP-ROT104M	AROT1
2	2	ROTATION MOTOR (T2)	WRP-ROT105M	AROT2
3	3	ROTATION MOTOR (T3)	WRP-ROT106M	AROT3
4	4	ROTATION MOTOR (GND)	WRP-ROT107M	AROT4
5	5	SPARE	—	—
6	6	ELEVATOR DRIVE MOTOR (T1)	WRP-ELV104M	AELV1
7	7	ELEVATOR DRIVE MOTOR (T2)	WRP-ELV105M	AELV2
8	8	ELEVATOR DRIVE MOTOR (T3)	WRP-ELV106M	AELV3
9	9	ELEVATOR DRIVE MOTOR (GND)	WRP-ELV107M	AELV4
10	10	SPARE	—	—
11	11	DISPENSE DRIVE MOTOR (T1)	WRP-DSP104M	ADSP1
12	12	DISPENSE DRIVE MOTOR (T2)	WRP-DSP105M	ADSP2
13	13	DISPENSE DRIVE MOTOR (T3)	WRP-DSP106M	ADSP3
14	14	DISPENSE DRIVE MOTOR (GND)	WRP-DSP107M	ADSP4
15	15	SPARE	—	—
16	16	SPARE	—	—
17	N/A	NOT USED	—	—
GND	GND	GROUND	—	—

1" (MINIMUM) POWER/CONTROL FLEX CONDUIT				
C-2A				
FROM: (ENC-1) TO (SR-1)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	GROUND	GROUND	—
2	2	S1 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP8	IADSP8
3	3	S1 ROLLER ENCODER (CHANNEL B)	I-WRP-DSP9	IADSP9
4	4	RS2 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP10	IADSP10
5	5	24VDC INPUT POWER	A24I	A24I
6	6	DC COMMON	ACOM	ACOM
7	7	FDS BELT AT TENSION	I-WRP-ELV1	IAELV1
8	8	LOAD HEIGHT SENSOR IS CLEAR	I-WRP-ELV2	IAELV2
9	9	FDS ELEVATOR NOT AT UP	I-WRP-ELV3	IAELV3
10	10	FDS ELEVATOR NOT AT DOWN	I-WRP-ELV4	IAELV4
11	11	FDS ELEVATOR GATE IS CLOSED	I-WRP-ELV7	IAELV7
12	12	ELEVATOR ENCODER (CHANNEL A)	I-WRP-ELV8	IAELV8
13	13	ELEVATOR ENCODER (CHANNEL B)	I-WRP-ELV9	IAELV9
14	14	FILM ROLL DETECTION IS CLEAR	I-WRP-ROT4	IAROT4
15	15	FDS ELEVATOR BRAKE	WRP-ELV116	AELV5
16	16	SPARE	—	—
17	17	ELEVATOR DRIVE MOTOR (T1)	WRP-ELV104M	AELV1
18	18	ELEVATOR DRIVE MOTOR (T2)	WRP-ELV105M	AELV2
19	19	ELEVATOR DRIVE MOTOR (T3)	WRP-ELV106M	AELV3
20	20	ELEVATOR DRIVE MOTOR (GND)	WRP-ELV107M	AELV4
21	21	DISPENSE DRIVE MOTOR (T1)	WRP-DS104M	ADSP1
22	22	DISPENSE DRIVE MOTOR (T2)	WRP-DSP105M	ADSP2
23	23	DISPENSE DRIVE MOTOR (T3)	WRP-DSP106M	ADSP3
24	24	DISPENSE DRIVE MOTOR (GND)	WRP-DSP107M	ADSP4
25	25	SPARE	—	—
26	26	SPARE	—	—
27	27	SPARE	—	—
28	28	SPARE	—	—
29	29	SPARE	—	—
30	30	SPARE	—	—
31	31	SPARE	—	—
32	32	SPARE	—	—

FILM HOIST AT RETRACT		
WRP-ROT-PRS4		
FROM: (JB-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ROT11	IAROT11
3	ACOM	ACOM

ROTATION AT HOME		
WRP-ROT-PRS1		
FROM: (JB-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ROT1	IAROT1
3	ACOM	ACOM

#14AWG/4C OLFLEX TRAY II CABLE — 221404		
WRP-ROT-MTR		
FROM: (JB-1)		
COND	WIRE #	TERMINAL #
1	WRP-ROT104M	AROT1
2	WRP-ROT105M	AROT2
3	WRP-ROT106M	AROT3
4	WRP-ROT107M	AROT4

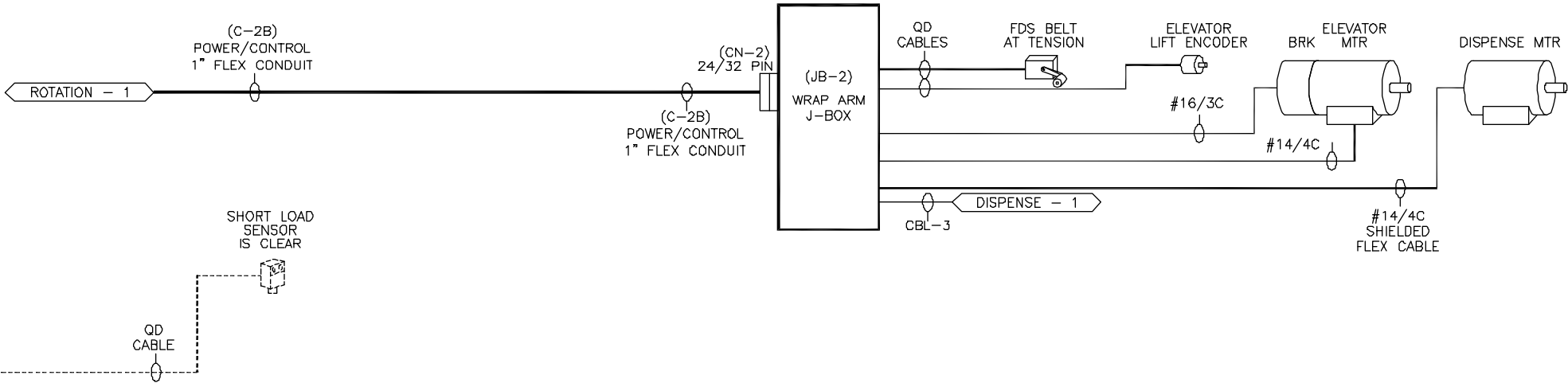
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TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
TOP FRAME J-BOX

SIZE
DRAWING REFERENCE
D 30236482
SHEET
5
OF
12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341



1" (MINIMUM) POWER/CONTROL FLEX CONDUIT C-2B FROM: (SR-1) TO (JB-2)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	GROUND	GROUND	-
2	2	S1 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP8	IADSP8
3	3	S1 ROLLER ENCODER (CHANNEL B)	I-WRP-DSP9	IADSP9
4	4	RS2 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP10	IADSP10
5	5	24VDC INPUT POWER	A24I	A24I
6	6	DC COMMON	ACOM	ACOM
7	7	FDS BELT AT TENSION	I-WRP-ELV1	IAELV1
8	8	LOAD HEIGHT SENSOR IS CLEAR	I-WRP-ELV2	IAELV2
9	9	FDS ELEVATOR NOT AT UP	I-WRP-ELV3	IAELV3
10	10	FDS ELEVATOR NOT AT DOWN	I-WRP-ELV4	IAELV4
11	11	FDS ELEVATOR GATE IS CLOSED	I-WRP-ELV7	IAELV7
12	12	ELEVATOR ENCODER (CHANNEL A)	I-WRP-ELV8	IAELV8
13	13	ELEVATOR ENCODER (CHANNEL B)	I-WRP-ELV9	IAELV9
14	14	FILM ROLL DETECTION IS CLEAR	I-WRP-ROT4	IAROT4
15	15	FDS ELEVATOR BRAKE	WRP-ELV116	AELV5
16	16	SPARE	-	-
17	17	ELEVATOR DRIVE MOTOR (T1)	WRP-ELV104M	AELV1
18	18	ELEVATOR DRIVE MOTOR (T2)	WRP-ELV105M	AELV2
19	19	ELEVATOR DRIVE MOTOR (T3)	WRP-EVL106M	AELV3
20	20	ELEVATOR DRIVE MOTOR (GND)	WRP-ELV107M	AELV4
21	21	DISPENSE DRIVE MOTOR (T1)	WRP-DS104M	ADSP1
22	22	DISPENSE DRIVE MOTOR (T2)	WRP-DSP105M	ADSP2
23	23	DISPENSE DRIVE MOTOR (T3)	WRP-DSP106M	ADSP3
24	24	DISPENSE DRIVE MOTOR (GND)	WRP-DSP107M	ADSP4
25	25	SPARE	-	-
26	26	SPARE	-	-
27	27	SPARE	-	-
28	28	SPARE	-	-
29	29	SPARE	-	-
30	30	SPARE	-	-
31	31	SPARE	-	-
32	32	SPARE	-	-

FDS BELT AT TENSION WRP-ELV-LS1 FROM: (JB-2)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV1	IAELV1

ELEVATOR LIFT ENCODER WRP-ELV-ENC FROM: (JB-2)		
COND	WIRE #	TERMINAL #
WHT	A24I	A24I
BLK	ACOM	ACOM
BRN	I-WRP-ELV8	IAELV8
RED	I-WRP-ELV9	IAELV9

#18AWG/12C IGUS CHAINFLEX CABLE – CF9-07-12 CBL-3 FROM: (JB-2) TO (JB-3)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	24VDC INPUT POWER	A24I	A24I
2	2	DC COMMON	ACOM	ACOM
3	3	S1 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP8	IADSP8
4	4	S1 ROLLER ENCODER (CHANNEL B)	I-WRP-DSP9	IADSP9
5	5	RS2 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP10	IADSP10
6	6	SPARE	-	-
7	7	LOAD HEIGHT SENSOR IS CLEAR	I-WRP-ELV2	IAELV2
8	8	FDS ELEVATOR NOT AT UP	I-WRP-ELV3	IAELV3
9	9	FDS ELEVATOR NOT AT DOWN	I-WRP-ELV4	IAELV4
10	10	FDS ELEVATOR GATE IS CLOSED	I-WRP-ELV7	IAELV7
11	11	FILM ROLL DETECTION IS CLEAR	I-WRP-ROT4	IAROT4
GND	GND	GROUND	-	-

#14AWG/4C OLFLEX TRAY II CABLE – 221404 WRP-ELV-MTR FROM: (JB-2)		
COND	WIRE #	TERMINAL #
1	WRP-ELV104M	AELV1
2	WRP-ELV105M	AELV2
3	WRP-ELV106M	AELV3
4	WRP-ELV107M	AELV4

#16/3C OLFLEX TRAY II CABLE – 221603 WRP-ELV-BRK FROM: (JB-2)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	WRP-ELV1 16	AELV5
GND	-	-

#14AWG/4C SHIELDED CABLE – CF10-UL-25-04 WRP-DSP-MTR FROM: (JB-2)		
COND	WIRE #	TERMINAL #
1	WRP-DSP104M	ADSP1
2	WRP-DSP105M	ADSP2
3	WRP-DSP106M	ADSP3
4	WRP-DSP107M	ADSP4
SHIELD	-	-

SHORT LOAD IS CLEAR WRP-ELV-PEC2 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV6	IAELV6
3	ACOM	ACOM

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)

OPTION

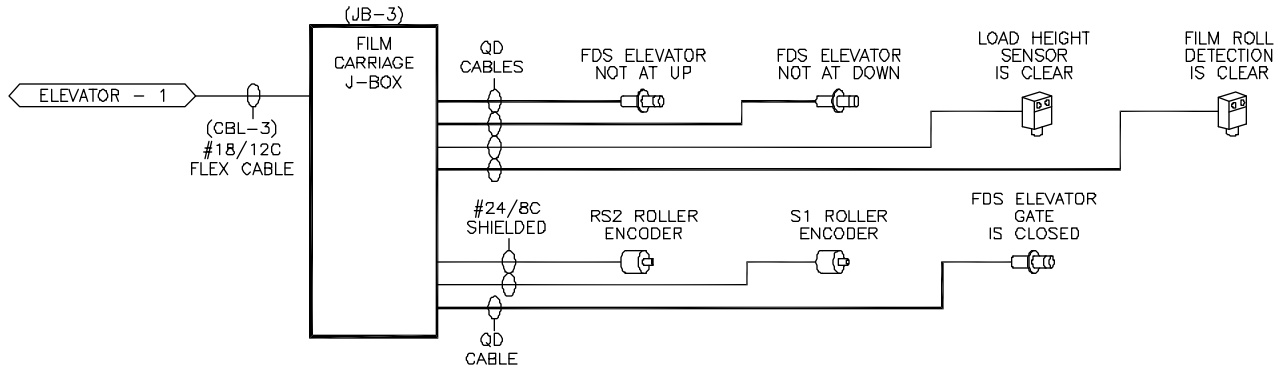
Lantech

TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
WRAP ARM J-BOX

SIZE D
DRAWING REFERENCE
30236482
SHEET 6 OF 12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341



#18AWG/12C IGUS CHAINFLEX CABLE – CF9-07-12 CBL-3 FROM: (JB-2) TO (JB-3)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	24VDC INPUT POWER	A24I	A24I
2	2	DC COMMON	ACOM	ACOM
3	3	S1 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP8	IADSP8
4	4	S1 ROLLER ENCODER (CHANNEL B)	I-WRP-DSP9	IADSP9
5	5	RS2 ROLLER ENCODER (CHANNEL A)	I-WRP-DSP10	IADSP10
6	6	SPARE	–	–
7	7	LOAD HEIGHT SENSOR IS CLEAR	I-WRP-ELV2	IAELV2
8	8	FDS ELEVATOR NOT AT UP	I-WRP-ELV3	IAELV3
9	9	FDS ELEVATOR NOT AT DOWN	I-WRP-ELV4	IAELV4
10	10	FDS ELEVATOR GATE IS CLOSED	I-WRP-ELV7	IAELV7
11	11	FILM ROLL DETECTION IS CLEAR	I-WRP-ROT4	IAROT4
GND	GND	GROUND	–	–

FDS ELEVATOR NOT AT UP WRP-ELV-PRS1 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV3	IAELV3
3	ACOM	ACOM

FDS ELEVATOR NOT AT DOWN WRP-ELV-PRS2 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV4	IAELV4
3	ACOM	ACOM

LOAD HEIGHT SENSOR IS CLEAR WRP-ELV-PEC1 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV2	IAELV2
3	ACOM	ACOM

FILM ROLL DETECTION IS CLEAR WRP-ROT-PEC1 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ROT4	IAROT4
3	ACOM	ACOM

S1 ROLLER ENCODER WRP-DSP-ENC1 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
WHT	A24I	A24I
BLK	ACOM	ACOM
BRN	I-WRP-DSP8	IADSP8
RED	I-WRP-DSP9	IADSP9

RS2 ROLLER ENCODER WRP-DSP-ENC2 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
WHT	A24I	A24I
BLK	ACOM	ACOM
BRN	I-WRP-DSP10	IADSP10
RED	–	–

FDS ELEVATOR GATE IS CLOSED WRP-ELV-PRS4 FROM: (JB-3)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-ELV7	IAELV7
3	ACOM	ACOM

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)

Lantech

TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
FILM CARRIAGE J-BOX

SIZE D 30236482
DRAWING REFERENCE
SHEET 7 OF 12

DATE 23 Sep 2021
ENGINEER AAM
DRAWING NUMBER 30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)

NOTE: ALWAYS ROUTE CBL-6
DIRECTLY TO ENC-1

(CBL-6)
HMI COMMUNICATIONS

(CBL-6A)
#18/25C

(CN-6A)
24 PIN

(JB-6)
FRONT
FENCE
J-BOX

HMI

HMI PANEL
E-STOP

GATE 1

QD
CABLE

DIN
CABLES

AIR PRESSURE
IS ACTIVE

AIR
DUMP

AIR DUMP
OPTION:
WRP-PNU-SV

#18/7C

AIR DUMP OK
PRESSURE SWITCH

CBL 6A (#18AWG/25C OLFLEX TRAY II CABLE - 221825) CONNECTOR 6A (CN-6A) FROM: (ENC-1) TO (JB-6)				
COND	PIN #	DESCRIPTION	WIRE #	TERMINAL #
1	1	24VDC CONTROL POWER	A24	A24
2	2	24VDC INPUT POWER	A24I	A24I
3	3	24VDC SAFETY POWER	A24S	A24S
4	4	DC COMMON	ACOM	ACOM
5	5	E-STOP 1	WRP-ESC104	AESC1
6	6	E-STOP 1	WRP-ESC107	AESC4
7	7	E-STOP 1	WRP-ESC211	AESC7
8	8	E-STOP 1	WRP-ESC213	AESC8
9	9	E-STOP 1	I-WRP-ESC1	IAESC1
10	10	GATE 1	WRP-ESC219	AESC9
11	11	GATE 1	WRP-ESC221	AESC10
12	12	GATE 1	WRP-GSC104	AGSC1
13	13	GATE 1	WRP-GSC107	AGSC4
14	14	GATE 1	WRP-GSC133	AGSC7
15	15	GATE 1	I-WRP-GSC1	IAGSC1
16	16	GATE "REQUEST TO ENTER"	I-WRP-GSC3	IAGSC3
17	17	ELECTRIC DUMP VALVE SWITCH 1	WRP-MCR123	AMCR7
18	18	ELECTRIC DUMP VALVE SWITCH 2	WRP-MCR123A	AMCR8
19	19	ELECTRIC DUMP VALVE 1	WRP-MCR129	AMCR9
20	20	ELECTRIC DUMP VALVE 2	WRP-MCR131	AMCR10
21	21	AIR EXHAUST NOT FAULT	I-WRP-PNU1	IAPNU1
22	22	AIR EXHAUST PERMISSIVE	O-WRP-PNU1	OAPNU1
23	23	MASTER POWER IS OFF	I-WRP-MCR1	IAMCR1
24	24	AIR PRESSURE IS ACTIVE	I-WRP-AUT3	IAAUT3
GND	GND	GROUND	-	-

GATE 1 WRP-GSC-LS1 FROM: (JB-6)		
COND	WIRE #	TERMINAL #
BRN	WRP-GSC133	AGSC7
BLU	WRP-GSC107	AGSC4
GRY	WRP-ESC221	AESC10
PNK	I-WRP-GSC1	IAGSC1
RED	WRP-GSC104	AGSC1
YLW	ACOM	ACOM
WHT	WRP-ESC219	AESC9
RED/BLU	A24S	A24S
BLK	I-WRP-MCR1	IAMCR1
VLK	NOT USED	-
GRY/PNK	I-WRP-GSC3	IAGSC3
GRN	A24I	A24I

AIR PRESSURE IS ACTIVE WRP-AUT-PS FROM: (JB-6)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	-	-
3	I-WRP-AUT3	IAAUT3
GND	-	-

AIR DUMP WRP-PNU-SOL1 FROM: (JB-6)		
COND	WIRE #	TERMINAL #
1	WRP-MCR129	AMCR9
2	ACOM	ACOM

#18AWG/7C OLFLEX TRAY II CABLE - 221807 WRP-PNU-SV FROM: (JB-6)		
COND	WIRE #	TERMINAL #
1	WRP-MCR129	AMCR9
2	WRP-MCR131	AMCR10
3	A24I	A24I
4	I-WRP-PNU1	IAPNU1
5	O-WRP-PNU1	OAPNU1
6	ACOM	ACOM
GND	-	-

AIR DUMP OK PRESSURE SWITCH WRP-PNU-PS FROM: (JB-6)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-PNU1	IAPNU1

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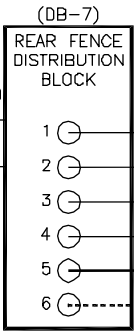
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
FRONT FENCE J-BOX

SIZE
D 30236482
SHEET 8 OF 12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



8-PIN M12 CBL-7				
FROM: (ENC-1) OR (RTP-1) TO (DB-7)				
COND	PORT	PIN	WIRE #	TERMINAL #
WHT	1	4	I-WRP-WPZ2	IAWPZ2
BRN	2	4	I-WRP-WPZ3	IAWPZ3
GRN	3	4	I-WRP-WPZ5	IAWPZ5
YLW	4	4	I-WRP-WPZ7	IAWPZ7
GRY	ALL	3	A24I	A24I
PNK	-	-	I-WRP-WPZ8	IAWPZ8
BLU	ALL	1	ACOM	ACOM
RED	-	-	I-WRP-IO13	IAIO13

WRAP ZONE IS CLEAR WRP-WPZ-PEC1 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ2	IAWPZ2
3	ACOM	ACOM

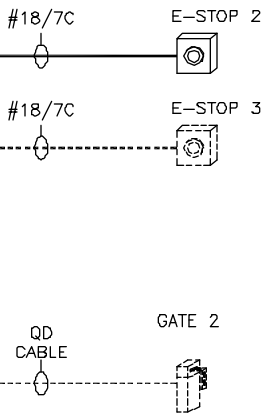
WRAP ZONE "OVERTRAVEL" IS CLEAR WRP-WPZ-PEC2 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ3	IAWPZ3
3	ACOM	ACOM

INFEED TRANSITION IS CLEAR WRP-WPZ-PEC3 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ5	IAWPZ5
3	ACOM	ACOM

WRAP ZONE CENTERING IS CLEAR WRP-WPZ-PEC5 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ7	IAWPZ7
3	ACOM	ACOM

WRAP ZONE "UNDERTRAVEL" IS CLEAR WRP-WPZ-PEC6 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-WPZ8	IAWPZ8
3	ACOM	ACOM

INFEED 1 PRE-STAGE IS CLEAR WRP-IO1-PEC2 FROM: (DB-7)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-IO13	IAIO13
3	ACOM	ACOM



#18AWG/7C OLFLEX TRAY II CABLE – 221807 WRP-ESC-PB2		
COND	WIRE #	TERMINAL #
1	WRP-ESC104	AESC1
2	WRP-ESC104A	AESC2
3	WRP-ESC107	AESC4
4	WRP-ESC107A	AESC5
5	A24I	A24I
6	I-WRP-ESC2	IAESC2
GND	-	-

#18AWG/7C OLFLEX TRAY II CABLE – 221807 WRP-ESC-PB3		
COND	WIRE #	TERMINAL #
1	WRP-ESC104A	AESC2
2	WRP-ESC104B	AESC3
3	WRP-ESC107A	AESC5
4	WRP-ESC107B	AESC6
5	A24I	A24I
6	I-WRP-ESC3	IAESC3
GND	-	-

GATE 2 WRP-GSC-LS2 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
BRN	WRP-GSC133	AGSC7
BLU	WRP-GSC107A	AGSC5
GRY	WRP-GSC107	AGSC4
PNK	I-WRP-GSC2	IAGSC2
RED	WRP-GSC104A	AGSC2
YLW	ACOM	ACOM
WHT	WRP-GSC104	AGSC1
RED/BLU	A24S	A24S
BLK	I-WRP-MCR1	IAMCR1
VL	NOT USED	-
GRY/PNK	I-WRP-GSC3	IAGSC3
GRN	A24I	A24I

Lantech

TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
REAR FENCE J-BOX

SIZE
D 30236482
SHEET
9 OF
12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)

INFEED LIGHT CURTAIN WRP-LTC-LC1		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
BRN	WRP-LTC132	ALTC11
BLU	ACOM	ACOM
GRY	WRP-LTC104	ALTC1
PNK	WRP-LTC105	ALTC2
RED	—	—
YLW	WRP-LTC106	ALTC3
WHT	—	—
RED/BLU	—	—
BLK	WRP-LTC106A	ALTC4
VLK	WRP-LTC107A	ALTC5
GRY/PNK	O-WRP-LTC1	OAIO11
GRN	GROUND	GROUND

12 PIN
QD CABLE

INFEED
LIGHT CURTAIN

INFEED CURTAIN
MUTE MODULE

3 PIN
QD CABLES

INFEED CURTAIN
MUTE SENSOR A1

INFEED CURTAIN
MUTE SENSOR A2

INFEED CURTAIN
MUTE SENSOR B1

INFEED CURTAIN
MUTE SENSOR B2

INFEED CURTAIN MUTE SENSOR A1 WRP-LTC-PEC1		
FROM: INFEED MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	A11	A11
3	ACOM	ACOM

INFEED CURTAIN MUTE SENSOR A2 WRP-LTC-PEC2		
FROM: INFEED MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	A12	A12
3	ACOM	ACOM

INFEED CURTAIN RESET PB WRP-LTC-PB1		
FROM: INFEED CURTAIN MUTE MODULE		
COND	WIRE #	TERMINAL #
1	WRP-LTC213	—
2	WRP-LTC213A	—
3	WRP-LTC214	—
4	WRP-LTC215	—

INFEED CURTAIN MUTE SENSOR B1 WRP-LTC-PEC3		
FROM: INFEED MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	B11	B11
3	ACOM	ACOM

INFEED CURTAIN MUTE SENSOR B2 WRP-LTC-PEC4		
FROM: INFEED MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	B12	B12
3	ACOM	ACOM

EXIT LIGHT CURTAIN WRP-LTC-LC2		
FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
BRN	WRP-LTC132	ALTC11
BLU	ACOM	ACOM
GRY	WRP-LTC118	ALTC6
PNK	WRP-LTC119	ALTC7
RED	—	—
YLW	WRP-LTC120	ALTC8
WHT	—	—
RED/BLU	—	—
BLK	WRP-LTC120A	ALTC9
VLK	WRP-LTC121A	ALTC10
GRY/PNK	O-WRP-LTC2	OAEO11
GRN	GROUND	GROUND

12 PIN
QD CABLE

EXIT
LIGHT CURTAIN

EXIT CURTAIN
MUTE MODULE

3 PIN
QD CABLES

EXIT CURTAIN
MUTE SENSOR A1

EXIT CURTAIN
MUTE SENSOR A2

EXIT CURTAIN
MUTE SENSOR B1

EXIT CURTAIN
MUTE SENSOR B2

EXIT CURTAIN MUTE SENSOR A1 WRP-LTC-PEC5		
FROM: EXIT MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	A21	A21
3	ACOM	ACOM

EXIT CURTAIN MUTE SENSOR A2 WRP-LTC-PEC6		
FROM: EXIT MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	A22	A22
3	ACOM	ACOM

EXIT CURTAIN RESET PB WRP-LTC-PB2		
FROM: EXIT CURTAIN MUTE MODULE		
COND	WIRE #	TERMINAL #
1	WRP-LTC230	—
2	WRP-LTC230A	—
3	WRP-LTC231	—
4	WRP-LTC232	—

EXIT CURTAIN MUTE SENSOR B1 WRP-LTC-PEC7		
FROM: EXIT MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	B21	B21
3	ACOM	ACOM

EXIT CURTAIN MUTE SENSOR B2 WRP-LTC-PEC8		
FROM: EXIT MUTE MODULE		
COND	WIRE #	TERMINAL #
1	A24S	A24S
2	B22	B22
3	ACOM	ACOM

Lantech

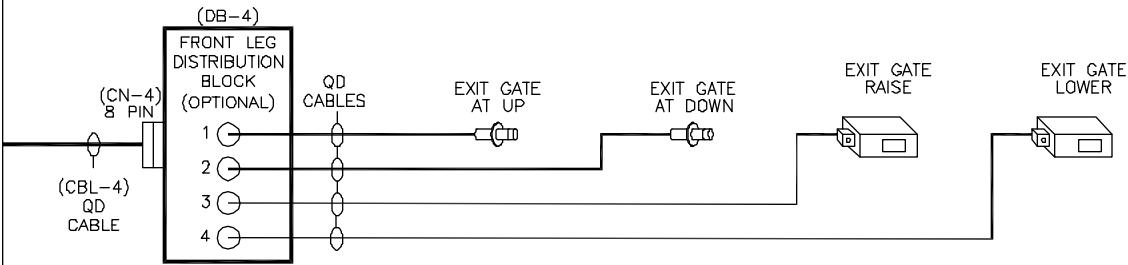
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
LIGHT CURTAINS

SIZE
D 30236482
SHFT 10 OF 12

DATE 23 Sep 2021
ENGINEER AAM
DRAWING NUMBER 30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



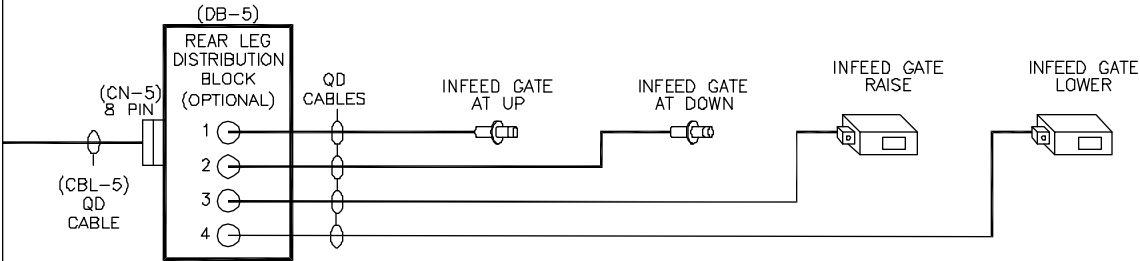
8-PIN M12 CBL-4				
FROM: (ENC-1) OR (RTP-1) TO (DB-4)				
COND	PORT	PIN	WIRE #	TERMINAL #
WHT	1	4	I-WRP-RRG3	IARRG3
BRN	2	4	I-WRP-RRG4	IARRG4
GRN	3	4	O-WRP-RRG3	OARRG3
YLW	4	4	O-WRP-RRG4	OARRG4
GRY	ALL	3	A24I	A24I
PNK	-	-	-	-
BLU	ALL	1	ACOM	ACOM
RED	-	-	-	-

EXIT GATE AT UP WRP-RRG-PRS3 FROM: (DB-4)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-RRG3	IARRG3
3	ACOM	ACOM

EXIT GATE RAISE WRP-RRG-SOL3 FROM: (DB-4)		
COND	WIRE #	TERMINAL #
1	-	-
2	O-WRP-RRG3	OARRG3
3	ACOM	ACOM

EXIT GATE AT DOWN WRP-RRG-PRS4 FROM: (DB-4)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-RRG4	IARRG4
3	ACOM	ACOM

EXIT GATE LOWER WRP-RRG-SOL4 FROM: (DB-4)		
COND	WIRE #	TERMINAL #
1	-	-
2	O-WRP-RRG4	OARRG4
3	ACOM	ACOM



8-PIN M12 CBL-5				
FROM: (ENC-1) OR (RTP-1) TO (DB-5)				
COND	PORT	PIN	WIRE #	TERMINAL #
WHT	1	4	I-WRP-RRG1	IARRG1
BRN	2	4	I-WRP-RRG2	IARRG2
GRN	3	4	O-WRP-RRG1	OARRG1
YLW	4	4	O-WRP-RRG2	OARRG2
GRY	ALL	3	A24I	A24I
PNK	-	-	-	-
BLU	ALL	1	ACOM	ACOM
RED	-	-	-	-

INFEEED GATE AT UP WRP-RRG-PRS1 FROM: (DB-5)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-RRG1	IARRG1
3	ACOM	ACOM

INFEEED GATE RAISE WRP-RRG-SOL1 FROM: (DB-5)		
COND	WIRE #	TERMINAL #
1	-	-
2	O-WRP-RRG1	OARRG1
3	ACOM	ACOM

INFEEED GATE AT DOWN WRP-RRG-PRS2 FROM: (DB-5)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-RRG2	IARRG2
3	ACOM	ACOM

INFEEED GATE LOWER WRP-RRG-SOL2 FROM: (DB-5)		
COND	WIRE #	TERMINAL #
1	-	-
2	O-WRP-RRG2	OARRG2
3	ACOM	ACOM

Lantech

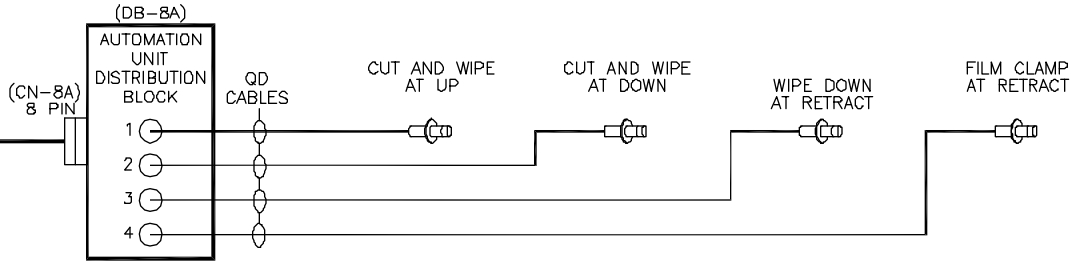
TITLE
ILLUSTRATION SLA007909 MACHINE
CONNECTION DIAGRAM

VERSION
MODULE NAME
RAILROAD GATES

SIZE
D 30236482
SHEET 11 OF 12

DATE
23 Sep 2021
ENGINEER
AAM
DRAWING NUMBER
30254341

MAIN ENCLOSURE (ENC-1)
OR
REMOTE TERMINATION PANEL #1 (RTP-1)



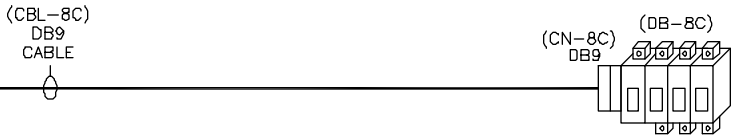
8-PIN M12 CBL-8A FROM: (ENC-1) OR (RTP-1) TO (DB-8A)				
COND	PORT	PIN	WIRE #	TERMINAL #
WHT	1	4	I-WRP-AUT1	IAAUT1
BRN	2	4	I-WRP-AUT2	IAAUT2
GRN	3	4	I-WRP-AUT7	IAAUT7
YLW	4	4	I-WRP-AUT6	IAAUT6
GRY	ALL	3	A24I	A24I
PNK	-	-	-	-
BLU	ALL	1	ACOM	ACOM
RED	-	-	-	-

CUT AND WIPE AT UP WRP-AUT-PRS1 FROM: (DB-8A)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-AUT1	IAAUT1
3	ACOM	ACOM

CUT AND WIPE AT DOWN WRP-AUT-PRS2 FROM: (DB-8A)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-AUT2	IAAUT2
3	ACOM	ACOM

WIPE DOWN AT RETRACT WRP-AUT-PRS6 FROM: (DB-8A)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-AUT7	IAAUT7
3	ACOM	ACOM

FILM CLAMP AT RETRACT WRP-AUT-PRS5 FROM: (DB-8A)		
COND	WIRE #	TERMINAL #
1	A24I	A24I
2	I-WRP-AUT6	IAAUT6
3	ACOM	ACOM



FILM CLAMP OPEN	FILM CLAMP EXTEND
SPARE	FILM CLAMP RETRACT
CUT AND WIPE RAISE	CUT AND WIPE LOWER
WIPE DOWN EXTEND	WIPE DOWN RETRACT

DB9 CABLE CBL-8C FROM: (ENC-1) OR (RTP-1) TO (DB-8C)					
COND	PORT	VALVE	COLOR	WIRE #	TERMINAL #
1	4	1	WHITE	O-WRP-AUT1	OAAUT1
2	2	1	GREEN	O-WRP-AUT8	OAAUT8
3	4	2	YELLOW	O-WRP-AUT2	OAAUT2
4	2	2	GRAY	-	-
5	4	3	PINK	O-WRP-AUT7	OAAUT7
6	2	3	BLUE	O-WRP-AUT6	OAAUT6
7	4	4	RED	O-WRP-AUT4	OAAUT4
8	2	4	PURPLE	O-WRP-AUT3	OAAUT3
9	-	-	BLACK	ACOM	ACOM

FILM CLAMP OPEN WRP-AUT-SOL8 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT8	OAAUT8

FILM CLAMP EXTEND WRP-AUT-SOL1 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT1	OAAUT1

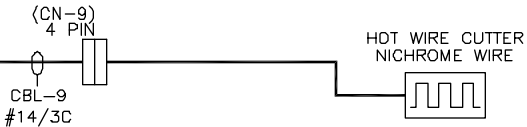
FILM CLAMP RETRACT WRP-AUT-SOL2 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT2	OAAUT2

CUT AND WIPE RAISE WRP-AUT-SOL6 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT6	OAAUT6

CUT AND WIPE LOWER WRP-AUT-SOL7 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT7	OAAUT7

WIPE DOWN EXTEND WRP-AUT-SOL3 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT3	OAAUT3

WIPE DOWN RETRACT WRP-AUT-SOL4 FROM: (DB-8C)		
COND	WIRE #	TERMINAL #
1	ACOM	ACOM
2	O-WRP-AUT4	OAAUT4



#14/3C DLFLEX TRAY II CABLE - 221403 CBL-9 FROM: (ENC-1) OR (RTP-1)		
COND	WIRE #	TERMINAL #
1	WRP-HWC104D	AHWC7
2	WRP-HWC107A	AHWC8
GND	-	-

Lantech			
TITLE ILLUSTRATION SLA007909 MACHINE CONNECTION DIAGRAM			
VERSION		MODULE NAME AUTOMATION UNIT	
SIZE D	DRAWING REFERENCE 30236482	SHFFT 12	OF 12
DATE 23 Sep 2021	ENGINEER AAM	DRAWING NUMBER 30254341	

1	2	3	4	5	6	7	8	MATERIAL	AS NOTED
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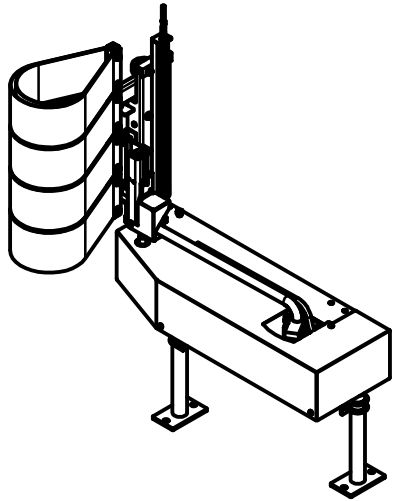
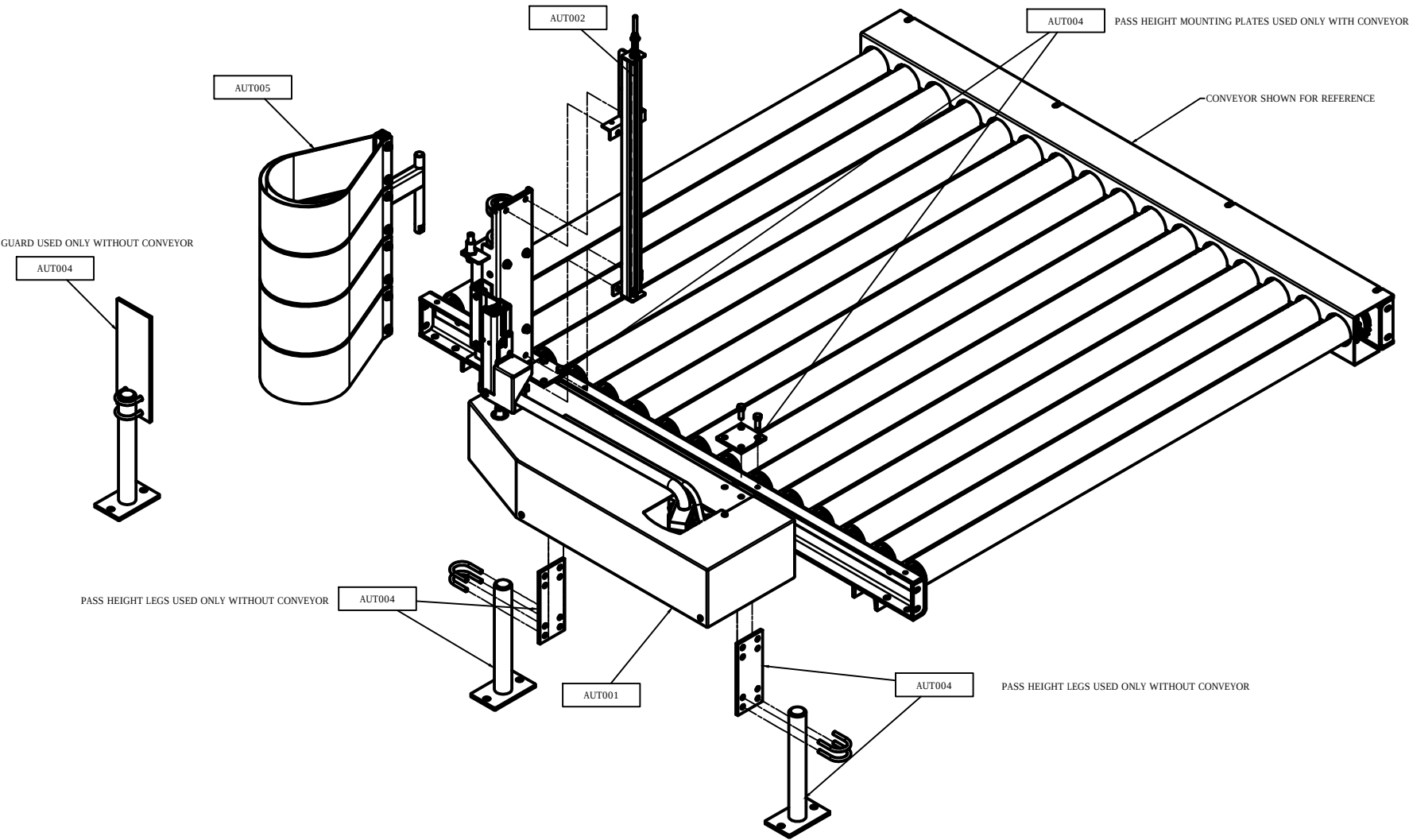
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C

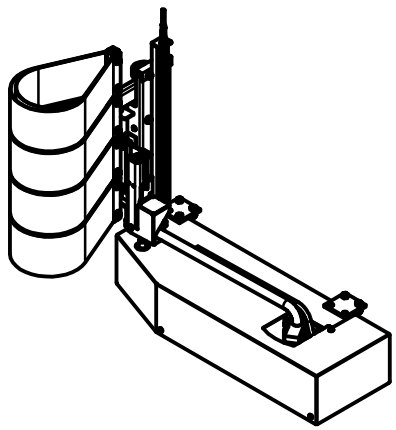
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E

F



FREE STANDING OPTION

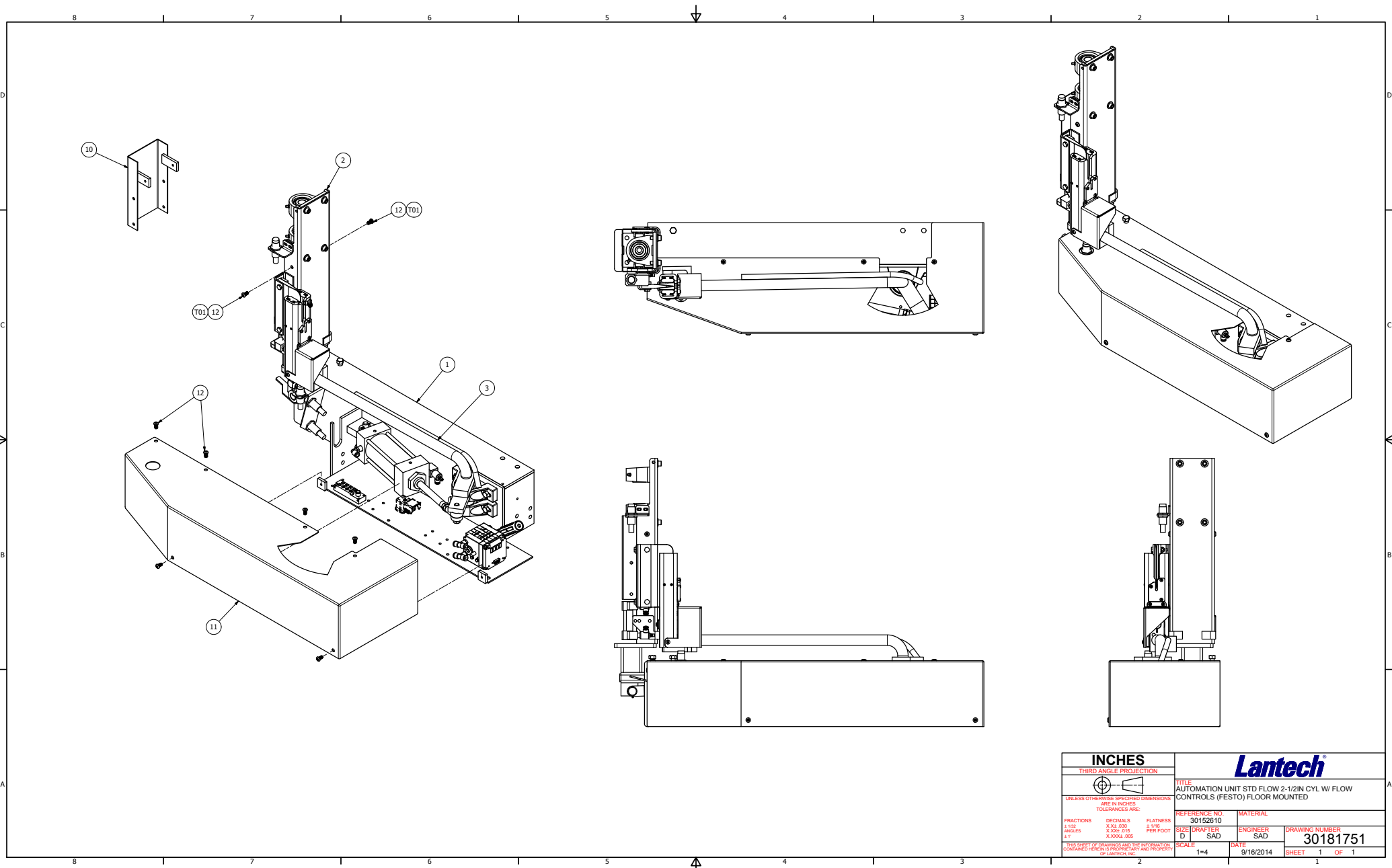


CONVEYOR MOUNTED OPTION

STD FLOW SHOWN
MIRROR FOR RVS FLOW

Item Number: AUT001
 Part Number: 30181751
 Part Description: AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30181749</u>	<u>BASE ASM SL AUTOMATION UNIT 2-1/2 BORE CYLINDER W/ FLOW CONTROLS STD FLOW (FESTO) FLOOR MOUNT</u>	<u>1.00000</u>
<u>000002</u>	<u>30181750</u>	<u>ARM ASM SL AUTOMATION UNIT W/ FLOW CONTROLS STD FLOW (FESTO)</u>	<u>1.00000</u>
<u>000003</u>	<u>30088571</u>	<u>ARM ASM NFB AUTOMATION UNIT CLAMP STD</u>	<u>1.00000</u>
<u>000010</u>	<u>30088777</u>	<u>GUARD FAB NFB AUTOMATION UNIT HELIX</u>	<u>1.00000</u>
<u>000011</u>	<u>30152615</u>	<u>GUARD LSC 4.0 AUTOMATION UNIT 2-1/2 CYL STD FLOW</u>	<u>1.00000</u>
<u>000012</u>	<u>30219273</u>	<u>FASTENER SCREW MACHINE 1/4-20 X 1/2 SOCKET HEAD CAP BUTTON HEAD ZINC PLATED</u>	<u>10.00000</u>
<u>000013</u>	<u>30147790</u>	<u>ILLUSTRATION NFB AUTOMATION UNIT LOCATION STD FLOW</u>	<u>1.00000</u>
<u>T01</u>	<u>30150890</u>	<u>TORQUE SPECIFICATION 135 IN-LBS (15.2 N-M) SINGLE SET TIGHTENING</u>	<u>2.00000</u>



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE: AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO. 30152610		
TOLERANCES ARE:			MATERIAL		
FRACTIONS 1/16 ANGLES 1°	DECIMALS X.000, .015 X.0004, .015	FLATNESS ±.119 PER FOOT	SIZE DRAFTER D SAD	ENGINEER SAD	DRAWING NUMBER 30181751
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			SCALE: 1=4	DATE: 9/16/2014	SHEET 1 OF 1

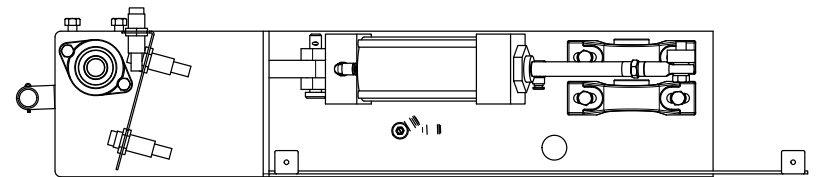
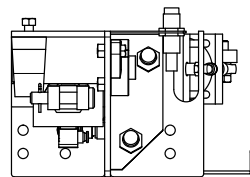
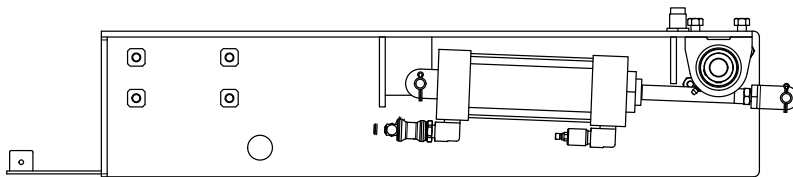
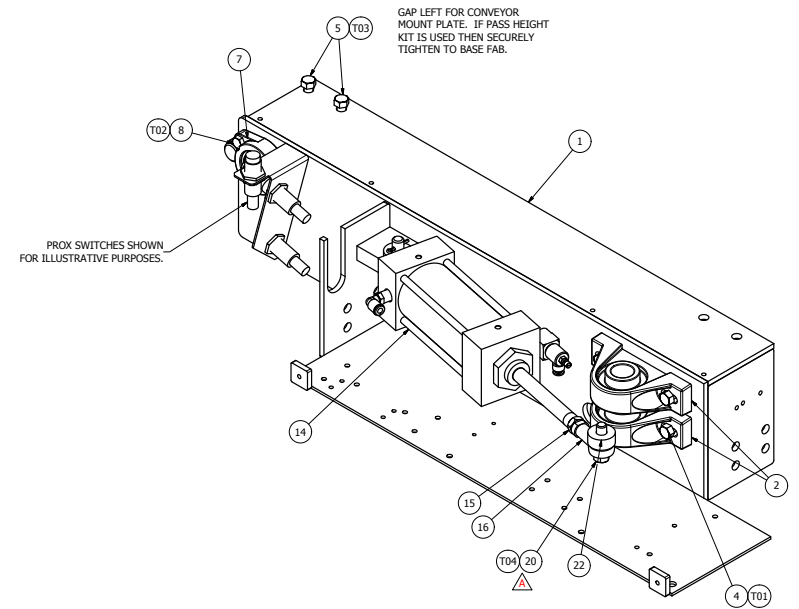
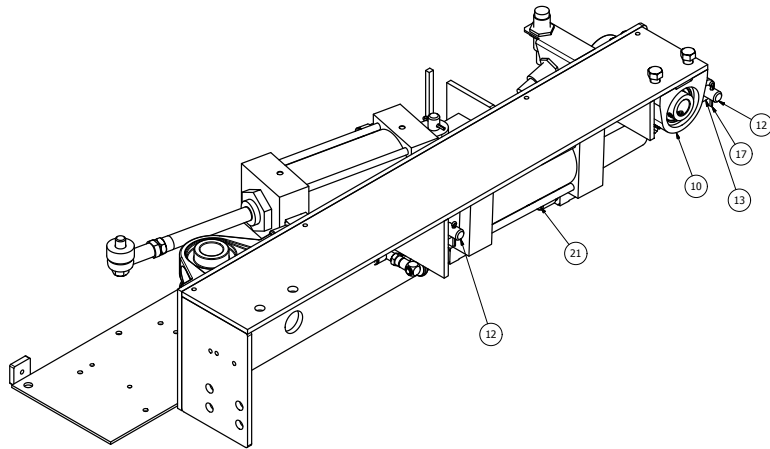
Item Number: AUT001.000001

Part Number: 30181749

Part Description: BASE ASM SL AUTOMATION UNIT 2-1/2 BORE CYLINDER W/ FLOW CONTROLS STD FLOW (FESTO) FLOOR MOUNT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30148956</u>	<u>BASE FAB SL AUTOMATION UNIT STD EXTENDED</u>	<u>1.00000</u>
<u>000002</u>	<u>P-000715</u>	<u>BEARING PILLOW BLOCK 1.00 B (+0.001 / 0.000)</u>	<u>2.00000</u>
<u>000004</u>	<u>S-005141</u>	<u>FASTENER BOLT 7/16-14 X 1-1/4 HEX HEAD GRADE 5 YELLOW ZINC DICHROMATE PLATING</u>	<u>4.00000</u>
<u>000005</u>	<u>31049207</u>	<u>FASTENER SCREW MACHINE 3/8-16 X 1 HHCS GRADE 5</u>	<u>2.00000</u>
<u>000007</u>	<u>30052344</u>	<u>BEARING FLANGE 3/4IN CAST IRON HOUSING 3MM CAP SET SCREW 2 BOLT NO LUBE (+32¼ TO 176¼F) AMBIENT TEMPERATURE RANGE</u>	<u>1.00000</u>
<u>000008</u>	<u>S-007118</u>	<u>FASTENER BOLT 5/16-18 X 1 HEX HEAD GRADE 5 ZINC PLATED</u>	<u>2.00000</u>
<u>000010</u>	<u>31035193</u>	<u>BEARING PILLOW BLOCK 3/4 BORE TAP BASE 2 BOLT</u>	<u>1.00000</u>
<u>000012</u>	<u>P-000005</u>	<u>PIN CLEVIS AIR CYLINDER</u>	<u>1.00000</u>
<u>000013</u>	<u>P-009455</u>	<u>CLEVIS ROD 7/16-20 THREAD 1/2 PIN</u>	<u>1.00000</u>
<u>000014</u>	<u>30150878</u>	<u>CYLINDER AIR 2-1/2 IN BORE WITH FITTINGS AND CUSHIONS / STD FLOW</u>	<u>1.00000</u>
<u>000015</u>	<u>C-004465</u>	<u>FASTENER NUT HEX JAM 7/16-20 GRADE 2</u>	<u>2.00000</u>
<u>000016</u>	<u>30069854</u>	<u>ROD END BEARING 7/16-20 THREAD 7/16 INCH PIN FEMALE</u>	<u>1.00000</u>
<u>000017</u>	<u>S-005057</u>	<u>PIN COTTER 1/8 X 1.000</u>	<u>3.00000</u>
<u>000019</u>	<u>S-005115</u>	<u>WASHER LOCK 7/16</u>	<u>1.00000</u>
<u>000020</u>	<u>31005334</u>	<u>FASTENER BOLT 7/16-14 X 1-1/2 HEX HEAD GRADE 8</u>	<u>1.00000</u>
<u>000021</u>	<u>30183447</u>	<u>CYLINDER AIR 2-1/2 IN BORE WITH BLOCKING VALVE W/ ADAPTERS AND FLOW CONTROLS RVS FLOW</u>	<u>1.00000</u>
<u>000022</u>	<u>30150885</u>	<u>SPACER CYL CRS 1-3/16 OD X 15/32 ID X .534LG AUTOMATION UNIT</u>	<u>1.00000</u>
<u>T01</u>	<u>31020941</u>	<u>TORQUE SPECIFICATION 35 FT-LBS (47 N-M) SINGLE SET TIGHTENING</u>	<u>4.00000</u>
<u>T02</u>	<u>31021216</u>	<u>TORQUE SPECIFICATION 25 FT-LBS (34 N-M) SINGLE SET TIGHTENING</u>	<u>2.00000</u>
<u>T03</u>	<u>31074401</u>	<u>TORQUE SPECIFICATION 32 FT-LBS (43 N-M) SINGLE SET TIGHTENING</u>	<u>2.00000</u>

<u>T04</u>	<u>30150892</u>	<u>TORQUE SPECIFICATION 38 FT-LBS (51.3 N-M) SINGLE SET TIGHTENING</u>	<u>1.00000</u>
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ECH #	ITEM 20 CHANGED FROM 31025396 TO 31005334.
A	INT. ACH

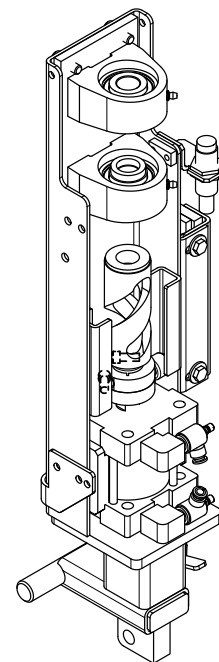
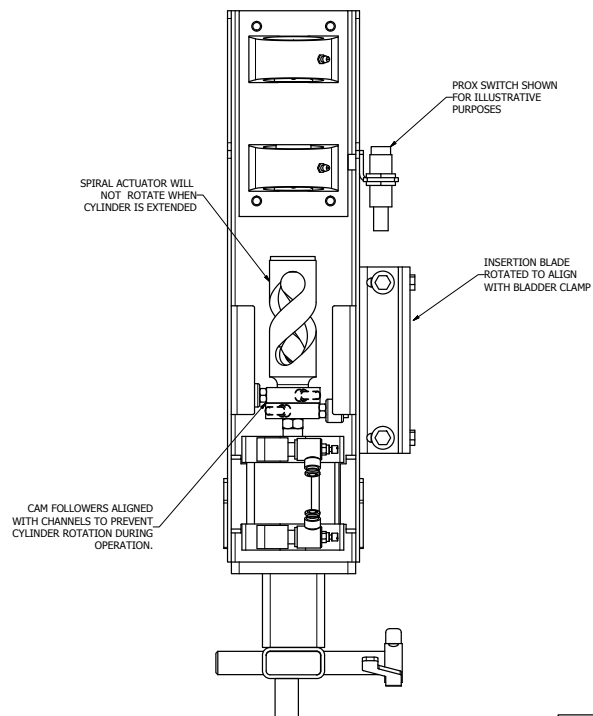
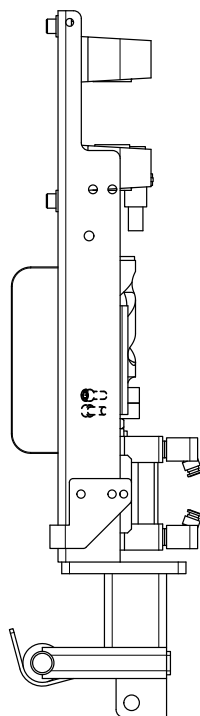
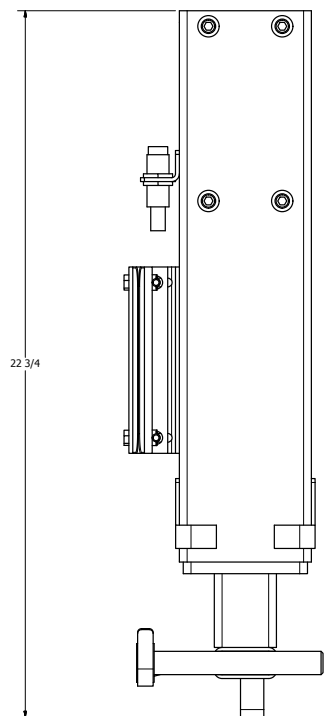
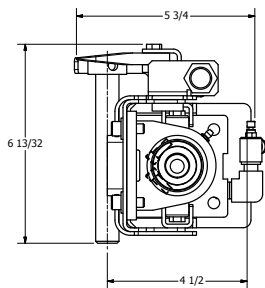
DATE: 2/14/08

INCHES		THIRD ANGLE PROJECTION		Lantech®	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		REFERENCE NO. 30152587	
FRACTIONS	DECIMALS	FLATNESS	PER FOOT	SIZE DRAFTER	ENGINEER
1/16	0.001	0.001	0.001	D	SAD
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.		SCALE: 3=8		DATE: 9/16/2014	DRAWING NUMBER
				SHEET	30181749
				1	OF 1

Item Number: AUT001.000002
Part Number: 30181750
Part Description: ARM ASM SL AUTOMATION UNIT W/ FLOW CONTROLS STD FLOW (FESTO)

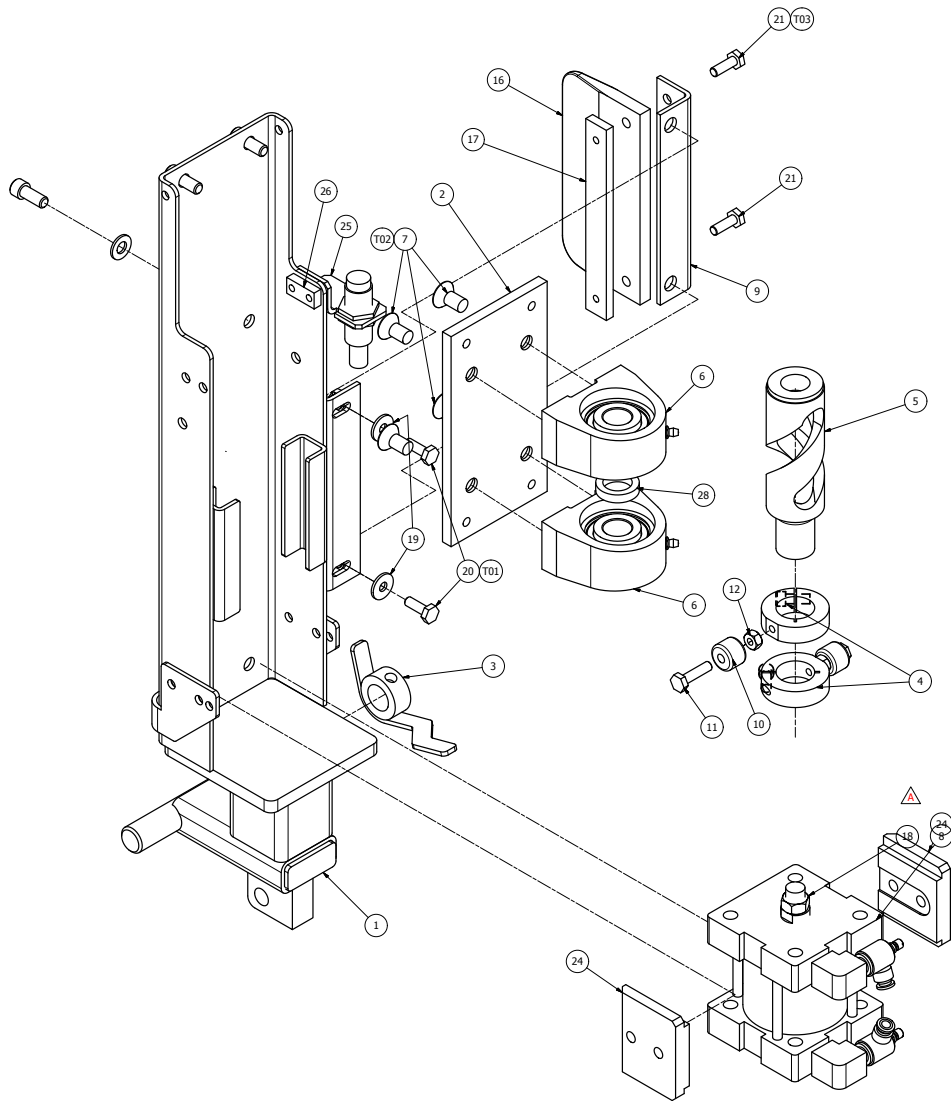
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30160186</u>	<u>ARM FAB SLA AUTOMATION UNIT STD FLOW</u>	<u>1.00000</u>
<u>000002</u>	<u>30088532</u>	<u>STEEL PLATE NFB ARM BEARING MOUNT</u>	<u>1.00000</u>
<u>000003</u>	<u>31030994</u>	<u>COLLAR SET FAB SLA ARM UP DOWN PROX FLAG STD</u>	<u>1.00000</u>
<u>000004</u>	<u>30088538</u>	<u>COLLAR PINCH 1 IN BORE 1PC MODIFIED FOR NFB CLAMP</u>	<u>2.00000</u>
<u>000005</u>	<u>30143115</u>	<u>STEEL TUBE HELICAL TRACK W/BUSHING</u>	<u>1.00000</u>
<u>000006</u>	<u>31035193</u>	<u>BEARING PILLOW BLOCK 3/4 BORE TAP BASE 2 BOLT</u>	<u>2.00000</u>
<u>000007</u>	<u>30088533</u>	<u>FASTENER BOLT 3/8-16 X 1/2 FHCS GRADE 5</u>	<u>4.00000</u>
<u>000008</u>	<u>30183442</u>	<u>CYLINDER AIR 2-1/2 BORE 2IN STROKE SIDE MOUNT SQUARE FLAT W/ ADAPTERS AND FLOW CONTROLS</u>	<u>1.00000</u>
<u>000009</u>	<u>30088537</u>	<u>ANGLE FAB NFB ARM INSERTION DEVICE BRACKET</u>	<u>1.00000</u>
<u>000010</u>	<u>30017852</u>	<u>CAM YOKE NEEDLE ROLLER 3/4 OD 1/4 ID 1660 LB/N DYNAMIC 4130 LB/N STATIC LOAD</u>	<u>2.00000</u>
<u>000011</u>	<u>30051950</u>	<u>FASTENER BOLT 1/4-20 X 1 HEX HEAD GRADE 8</u>	<u>2.00000</u>
<u>000012</u>	<u>S-005514</u>	<u>FASTENER NUT JAM 1/4-20 GRADE 2</u>	<u>2.00000</u>
<u>000013</u>	<u>31023760</u>	<u>FASTENER BOLT 5/16-18 X 3/4 SHCS</u>	<u>8.00000</u>
<u>000014</u>	<u>31025346</u>	<u>WASHER FLAT 5/16 SAE GRADE 8</u>	<u>8.00000</u>
<u>000016</u>	<u>30124576</u>	<u>TEFLON INSERTION DEVICE WHITE</u>	<u>1.00000</u>
<u>000017</u>	<u>31042496</u>	<u>MOUNT TEFLON INSERTION DEVICE SAE TAPPED</u>	<u>1.00000</u>
<u>000018</u>	<u>S-007367</u>	<u>FASTENER NUT JAM 1/2-20 GRADE 2</u>	<u>1.00000</u>
<u>000019</u>	<u>31021545</u>	<u>WASHER FLAT 1/4 GRADE 8</u>	<u>2.00000</u>
<u>000020</u>	<u>30033916</u>	<u>FASTENER BOLT 1/4-20 X 3/4 HEX HEAD GRADE 8 ZINC DICHROMATE PLATED</u>	<u>2.00000</u>
<u>000021</u>	<u>S-005130</u>	<u>FASTENER BOLT 1/4-20 X 3/4 HEX HEAD GRADE 5</u>	<u>2.00000</u>
<u>000022</u>	<u>31008011</u>	<u>PLATE FORMED SL AUTOMATION UNIT ARM STD</u>	<u>1.00000</u>

<u>000023</u>	<u>31008013</u>	<u>PLATE FORMED SL AUTOMATION UNIT ARM RVS</u>	<u>1.00000</u>
<u>000024</u>	<u>30183441</u>	<u>PAD DELRIN FOR AUTOMATION UNIT ARM CYLINDER</u>	<u>2.00000</u>
<u>000025</u>	<u>31008040</u>	<u>MOUNT PROX SL AUTOMATION UNIT ARM</u>	<u>1.00000</u>
<u>000026</u>	<u>31008041</u>	<u>BLOCK TAPPED SL AUTOMATION UNIT PROX MOUNT</u>	<u>1.00000</u>
<u>000027</u>	<u>P-012351</u>	<u>FASTENER NUT PROPELLER 1/4-20</u>	<u>4.00000</u>
<u>000028</u>	<u>30160102</u>	<u>SPACER1-1/8OD X 3/4ID X 1/4THK STEEL</u>	<u>1.00000</u>
<u>T01</u>	<u>30150890</u>	<u>TORQUE SPECIFICATION 135 IN-LBS (15.2 N-M) SINGLE SET TIGHTENING</u>	<u>10.00000</u>
<u>T02</u>	<u>31021216</u>	<u>TORQUE SPECIFICATION 25 FT-LBS (34 N-M) SINGLE SET TIGHTENING</u>	<u>4.00000</u>
<u>T03</u>	<u>31075195</u>	<u>TORQUE SPECIFICATION 80 IN-LBS (9.0 N-M) SINGLE SET TIGHTENING</u>	<u>2.00000</u>



EON #	ITEM 8 CHANGED FROM 30181833 TO 30183442.
A	INT. TJP
	DATE: 2/20/2015

INCHES		Lantech®	
THIRD ANGLE PROJECTION		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ARM ASM SL AUTOMATION UNIT W/ FLOW CONTROLS STD FLOW (FESTO)	
TOLERANCES ARE:		REFERENCE NO.	MATERIAL
FRACTIONS ±.005	DECIMALS ±.005	N/A	
ANGLES ±1°	PER FOOT ±.004	SIZE DRAFTER	ENGINEER
		D	SAD
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.		SCALE	DATE
		1=2	9/16/2014
		SHEET	DRAWING NUMBER
		1	30181750
		OF	2

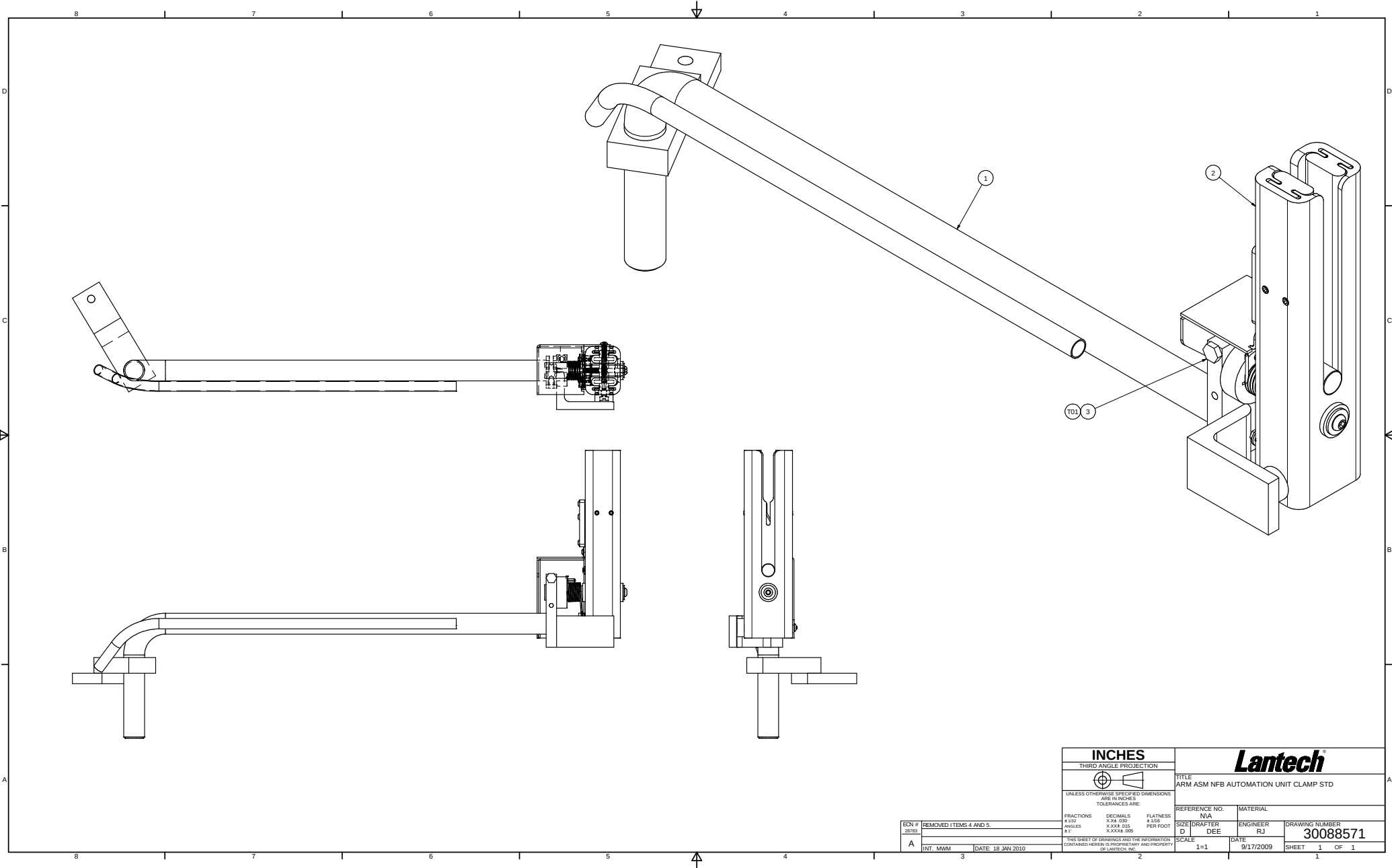


EON #	ITEM 8 CHANGED FROM 30181833 TO 30183442.
INT. TYP.	DATE: 2/20/2015

INCHES		Lantech®	
THIRD ANGLE PROJECTION		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ARM ASM SL AUTOMATION UNIT W/ FLOW CONTROLS STD FLOW (FESTO)	
TOLERANCES ARE:		REFERENCE NO.	MATERIAL
FRACTIONS	DECIMALS	N/A	
±.0005	±.0005	SIZE	ENGINEER
±.0005	±.0005	D	SAD
±.0005	±.0005	SCALE	DATE
±.0005	±.0005	1=2	9/16/2014
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTech, INC.		SHEET	DRAWING NUMBER
		2	30181750
		OF	2

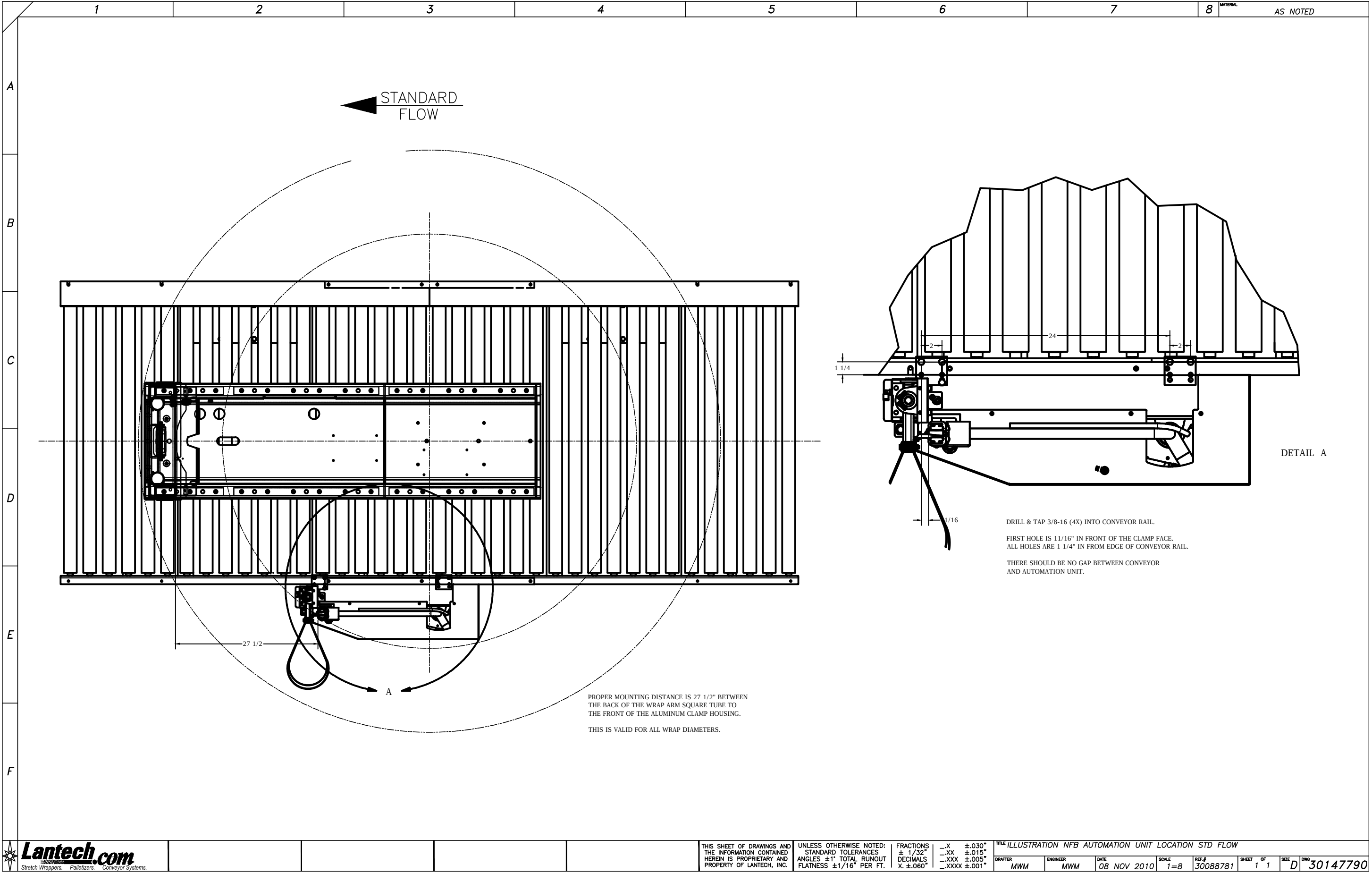
Item Number: AUT001.000003
Part Number: 30088571
Part Description: ARM ASM NFB AUTOMATION UNIT CLAMP STD

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30088565</u>	<u>ARM FAB NFB AUTOMATION UNIT</u> <u>CLAMP STD</u>	<u>1.00000</u>
<u>000002</u>	<u>30124701</u>	<u>CLAMP NO SLIP GRIP ASM S-AUTO</u> <u>NFB STD FLOW</u>	<u>1.00000</u>
<u>000003</u>	<u>30051950</u>	<u>FASTENER BOLT 1/4-20 X 1 HEX HEAD</u> <u>GRADE 8</u>	<u>1.00000</u>
<u>T01</u>	<u>30150891</u>	<u>TORQUE SPECIFICATION 132 IN-LBS</u> <u>(14.9 N-M) SINGLE SET TIGHTENING</u>	<u>1.00000</u>



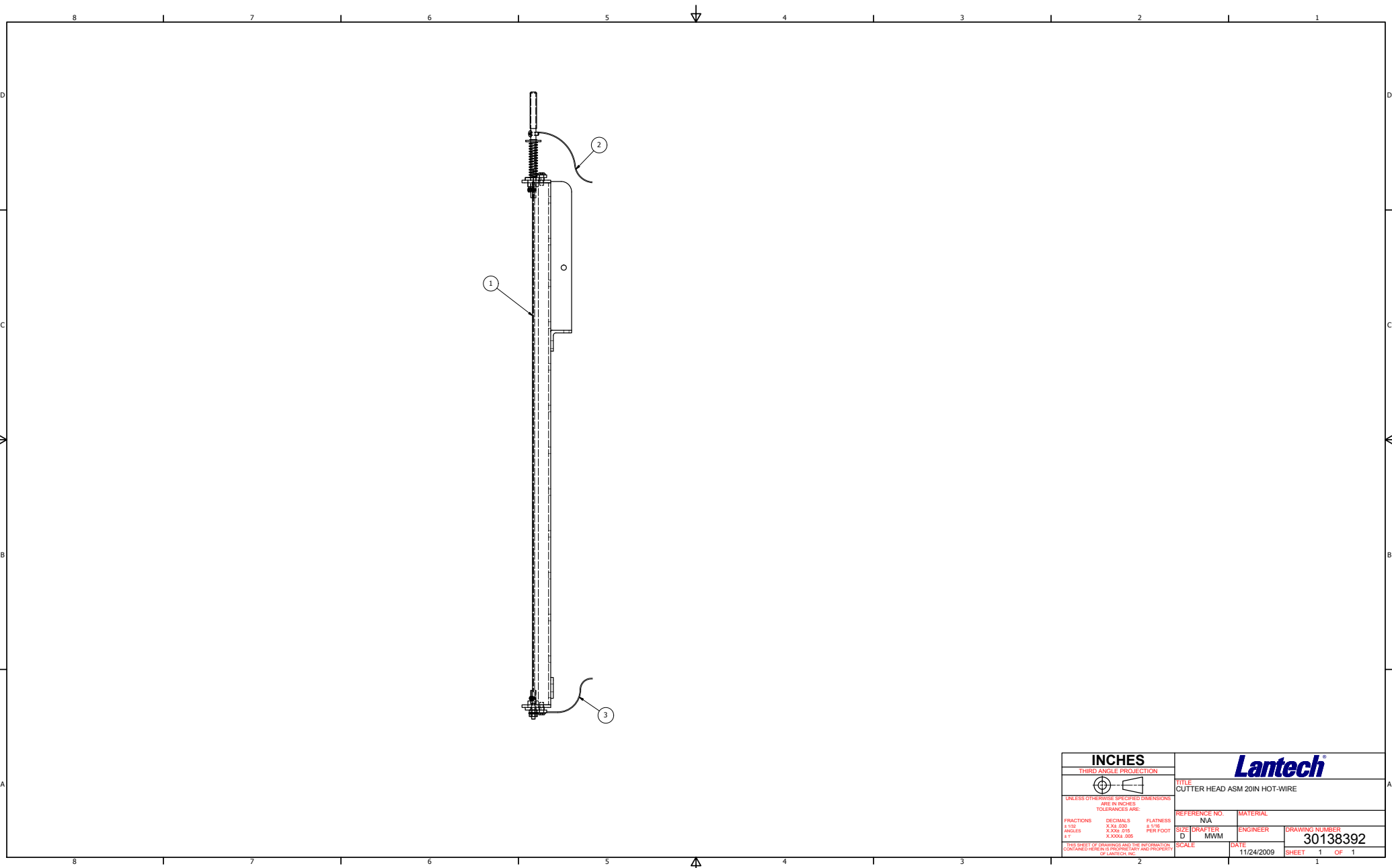
ECON #		REMOVED ITEMS 4 AND 5.		FRACTIONS		DECIMALS		FLATNESS	
A		INT. MWM		4/16		X.XX (32)		3/126	
		DATE: 18 JAN 2010		ANGLES		X.XX (65)		PER FOOT	
						X.XX (65)			

INCHES		THIRD ANGLE PROJECTION		Lantech®	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		TITLE	
REFERENCE NO.		MATERIAL		ARM ASM NFB AUTOMATION UNIT CLAMP STD	
SIZE/DRAFTER		ENGINEER		DRAWING NUMBER	
D DEE		RJ		30088571	
SCALE:		DATE		SHEET	
1=1		9/17/2009		1 OF 1	



Item Number: AUT002
Part Number: 30138392
Part Description: CUTTER HEAD ASM 20IN HOT-WIRE

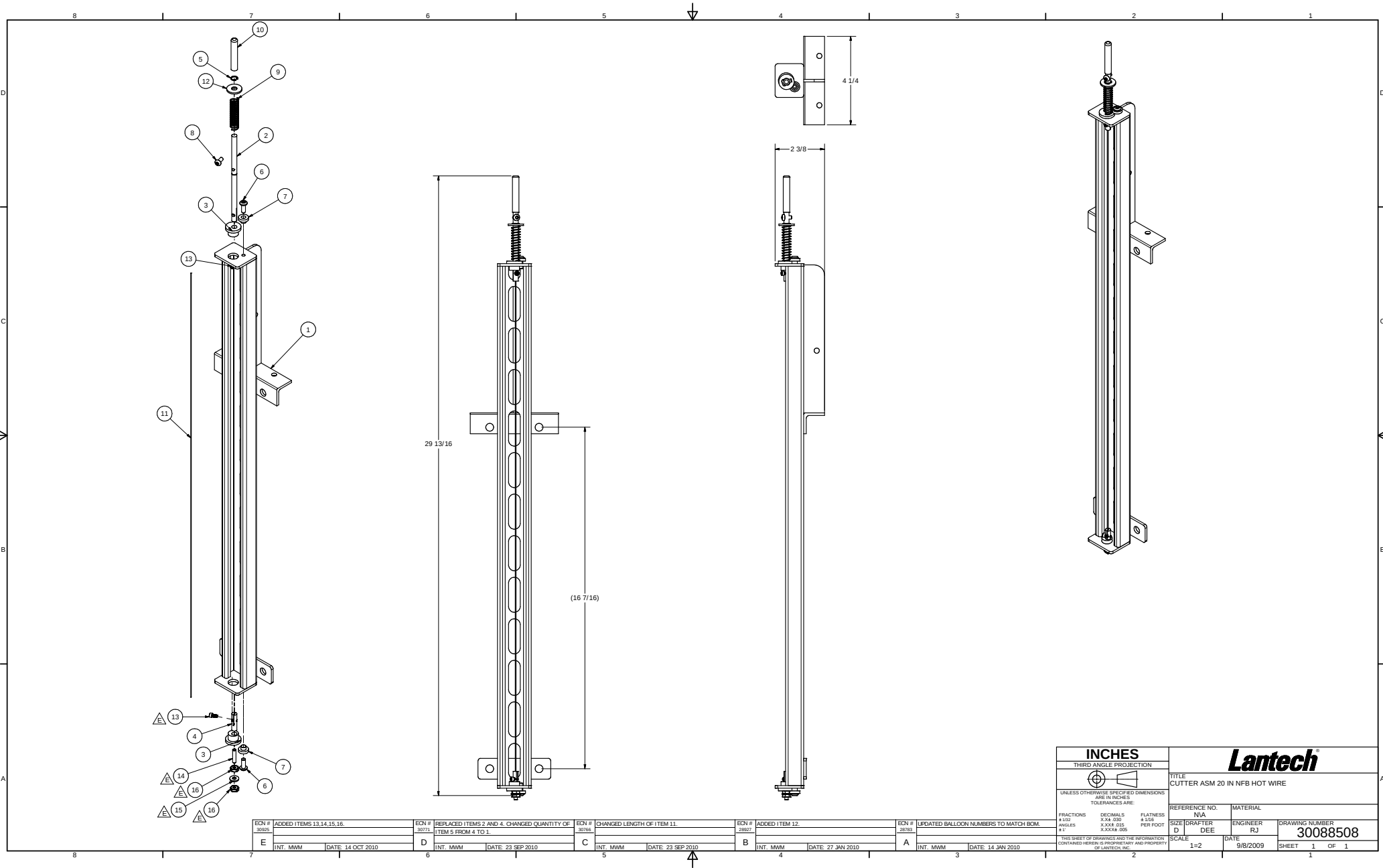
Item	Part#	Description	Qty
<u>000001</u>	<u>30088508</u>	<u>CUTTER ASM 20 IN NFB HOT WIRE</u>	<u>1.00000</u>
<u>000002</u>	<u>31071633</u>	<u>CABLE ELECTRICAL 1COND 14AWG</u> <u>TPE</u>	<u>30.00000</u>
<u>000003</u>	<u>31071633</u>	<u>CABLE ELECTRICAL 1COND 14AWG</u> <u>TPE</u>	<u>58.00000</u>



INCHES					
THIRD ANGLE PROJECTION					
			TITLE CUTTER HEAD ASM 20IN HOT-WIRE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO.	MATERIAL	
TOLERANCES ARE:			N/A		
FRACTIONS 1/16	DECIMALS 0.0005	FLATNESS 0.0005	SIZE DRAFTER D MWM	ENGINEER	DRAWING NUMBER 30138392
ANGLES 1/2		PER FOOT	SCALE	DATE 11/24/2009	SHEET 1 OF 1
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.					

Item Number: AUT002.000001
Part Number: 30088508
Part Description: CUTTER ASM 20 IN NFB HOT WIRE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30088510</u>	<u>CUTTER FAB 20 IN NFB HOT WIRE</u>	<u>1.00000</u>
<u>000002</u>	<u>30145298</u>	<u>ROD TOOLESS HOT WIRE CUTTER</u> <u>TOP NFB (SEE NOTES)</u>	<u>1.00000</u>
<u>000003</u>	<u>30088442</u>	<u>BUSHING FLANGE .25 X .5 X 7/16 X 3/4</u> <u>X 1/8 WHITE DELRIN OFFSET HOLE</u> <u>HOT WIRE INSULATOR</u>	<u>2.00000</u>
<u>000004</u>	<u>30145299</u>	<u>ROD TOOLESS HOT WIRE CUTTER</u> <u>BOTTOM NFB</u>	<u>1.00000</u>
<u>000005</u>	<u>P-010569</u>	<u>RETAINING RING EXTERNAL .225 OD X</u> <u>.025 THICK</u>	<u>1.00000</u>
<u>000006</u>	<u>30178206</u>	<u>FASTENER SCREW MACHINE #10-32 X</u> <u>1/2 SOCKET HEAD CAP BUTTON HEAD</u> <u>ZINC PLATE</u>	<u>2.00000</u>
<u>000007</u>	<u>30061413</u>	<u>WASHER SHOULDER .488FLG</u> <u>ODX1/8FLG THKX 5/32LGX.250</u> <u>ODX.215 ID NYLON</u>	<u>2.00000</u>
<u>000008</u>	<u>31024508</u>	<u>FASTENER BOLT 8-32 X 3/8 BHCS</u>	<u>2.00000</u>
<u>000009</u>	<u>P-010570</u>	<u>SPRING COMPRESSION STEEL</u> <u>50LB/IN 0.347 WIRE DIA X 2-1/2 X .36</u> <u>OD</u>	<u>1.00000</u>
<u>000010</u>	<u>30062235</u>	<u>CAP PLIABLE VINYL 1/4 ID X 1-1/2</u> <u>LONG BLACK</u>	<u>1.00000</u>
<u>000011</u>	<u>S-007616</u>	<u>WIRE NICHROME</u>	<u>2.50000</u>
<u>000012</u>	<u>31021545</u>	<u>WASHER FLAT 1/4 GRADE 8</u>	<u>1.00000</u>
<u>000013</u>	<u>31075890</u>	<u>SCREW 5-40 X 1/4 SOCKET HEAD CAP</u> <u>BLACK OXIDE</u>	<u>2.00000</u>
<u>000014</u>	<u>31075970</u>	<u>ROD THREADED 8-32 X 3/4 ZINC</u> <u>PLATED</u>	<u>1.00000</u>
<u>000015</u>	<u>31044384</u>	<u>WASHER FLAT 3/16ID X 7/16OD X</u> <u>3/64THICK #8 SAE ZINC PLATED</u>	<u>1.00000</u>
<u>000016</u>	<u>S-005355</u>	<u>FASTENER NUT HEX #8-32 GRADE 5</u>	<u>2.00000</u>

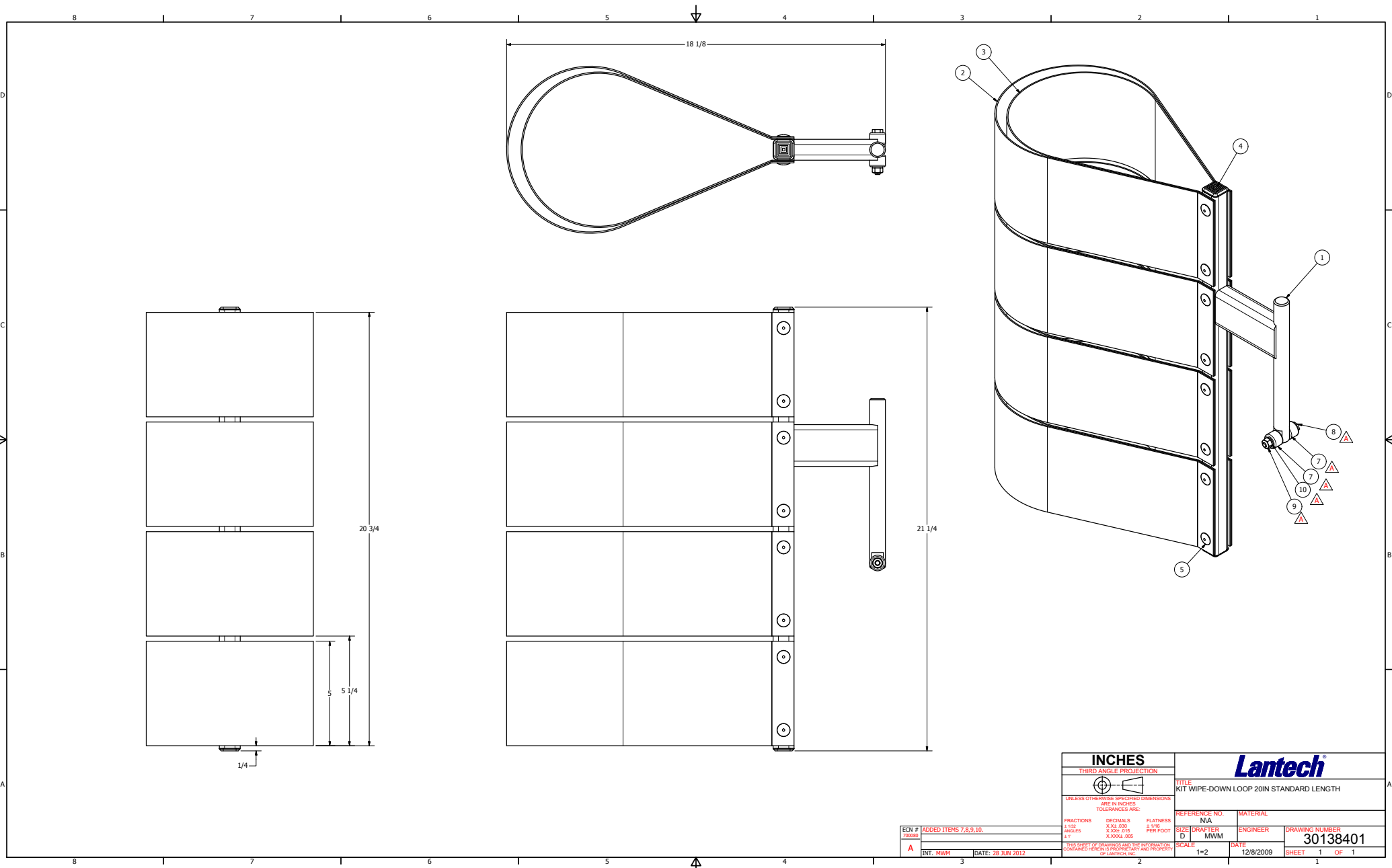


Item Number: AUT004
Part Number: 30182634
Part Description: AUTOMATION UNIT PASS HEIGHT CONVEYOR MOUNT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30182635</u>	<u>MOUNT NFB AUTOMATION UNIT TO CONVEYOR 3-1/4 X 3</u>	<u>2.00000</u>
<u>000002</u>	<u>31049207</u>	<u>FASTENER SCREW MACHINE 3/8-16 X 1 HHCS GRADE 5</u>	<u>4.00000</u>
<u>000003</u>	<u>S-007438</u>	<u>FASTENER NUT HEX 3/8-16 GRADE 8</u>	<u>4.00000</u>
<u>000004</u>	<u>30137404</u>	<u>GUARD HOTWIRE CUTTER CONVEYOR MOUNTED</u>	<u>1.00000</u>

Item Number: AUT005
 Part Number: 30138401
 Part Description: KIT WIPE-DOWN LOOP 20IN STANDARD LENGTH

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30088502</u>	<u>WIPE-DOWN LOOP FAB 20 IN NFB CLAMP</u>	<u>1.00000</u>
<u>000002</u>	<u>40018602</u>	<u>WIPE-DOWN LOOP 1/16 IN X 5 IN X 32 IN LG</u>	<u>4.00000</u>
<u>000003</u>	<u>40018601</u>	<u>WIPE-DOWN LOOP 1/16 IN X 5 IN X 31 IN LG</u>	<u>4.00000</u>
<u>000004</u>	<u>30096230</u>	<u>PLUG PLASTIC 1IN SQ TUBING RIBBED (FITS .719 TO .844 ID SQ TUBING) PKG OF 100</u>	<u>2.00000</u>
<u>000005</u>	<u>30127129</u>	<u>FASTENER RIVET POP 3/16 DIA ALUMINUM 0.062 - 0.250 GRIP RANGE 0.312 HEAD DIA 0.192 - 0.196 HOLE SIZE</u>	<u>16.00000</u>
<u>000007</u>	<u>30017852</u>	<u>CAM YOKE NEEDLE ROLLER 3/4 OD 1/4 ID 1660 LB/N DYNAMIC 4130 LB/N STATIC LOAD</u>	<u>2.00000</u>
<u>000008</u>	<u>S-005135</u>	<u>FASTENER BOLT 1/4-20 X 2 HEX HEAD GRADE 5</u>	<u>1.00000</u>
<u>000009</u>	<u>31024490</u>	<u>FASTENER NUT LOCK 1/4-20 GR C STOVER ZINC PLATED</u>	<u>1.00000</u>
<u>000010</u>	<u>S-007116</u>	<u>WASHER LOCK 1/4</u>	<u>1.00000</u>



EON #	ADDED ITEMS 7,8,9,10.
A	INT. MWM
	DATE: 26 JUN 2012

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT WIPE-DOWN LOOP 20IN STANDARD LENGTH		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO.		
TOLERANCES ARE:			MATERIAL		
FRACTIONS	DECIMALS	FLATNESS	N/A	ENGINEER	DRAWING NUMBER
±.100	±.005	±.116	SIZE DRAFTER	D	30138401
ANGLES	X.XX DEG	PER FOOT	D	MWM	
±.1	X.XXX DEG		SCALE	DATE	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			1=2	12/8/2009	
				SHEET	1 OF 1

Item Number: AUT006
Part Number: 31087773
Part Description: KIT CABLE LSC 4.0 FESTO VALVE CABLE AND HOT WIRE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
000001	30144887	VALVE ASM CABLE KMP3-9P-08-10	1.00000
000002	30144885	KIT CONNECTOR HOT WIRE FEMALE	1.00000
000003	30101692	CABLE ELECTRICAL 8 COND 24AWG FEMALE STRAIGHT M12 PVC 10M	1.00000

DEVICE DESCRIPTION	ITEM #
VALVE BLOCK CABLE	1
HOT WIRE CONNECTOR FEMALE	2
NODE BLOCK FEEDER CABLE 	3

ECN#	ADDED ITEM 03 NODE CABLE
032054	
A	INT: RDJ DATE: 15 MAR 2011

THIS SHEET OF DRAWINGS
AND THE INFORMATION
CONTAINED HEREIN IS
PROPRIETARY AND PROPERTY
OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm .060"$

—.X $\pm .030"$
—.XX $\pm .015"$
—.XXX $\pm .005"$
—.XXXX $\pm .001"$

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TITLE KIT CABLE LSC 4.0 FESTO VALVE CABLE AND HOT WIRE

DRAFTER RDJ	ENGINEER	DATE 24 FEB 2011	SCALE 1=1	REF.#	SHEET 1	OF 1	SIZE A	DWG 31087773
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Item Number: AUT006.000002
Part Number: 30144885
Part Description: KIT CONNECTOR HOT WIRE FEMALE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31012565</u>	<u>CONNECTOR QD FEMALE INSERT 3P</u> <u>PLUS GND 600V 15A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000002</u>	<u>31012572</u>	<u>CONNECTOR HOUSING SIZE 1 M20</u> <u>TOP ENTRY HOOD</u>	<u>1.00000</u>
<u>000003</u>	<u>31012594</u>	<u>CONNECTOR CABLE CLAMP 6.5MM -</u> <u>9.5MM M20 NICKEL PLATED BRASS</u>	<u>1.00000</u>

Item Number: AUT007
Part Number: 30144871
Part Description: KIT LSC 4.0 CLAMP 24VDC PNP PROX SWITCHES (SICK)

Item	Part#	Description	Qty
<u>000001</u>	<u>31032130</u>	<u>SWITCH PROXIMITY INDUCTIVE 18MM</u> <u>DIA 69MM LONG 12MM RANGE N.O.</u> <u>NON-FLUSH M12 4-PIN QD 10-30 VDC</u> <u>PNP IP67 OP TEMP -25C to +75C</u>	<u>4.00000</u>

DEVICE DESCRIPTION	ITEM #
CUTTER ASSEMBLY RAISED PROX	1
CUTTER ASSEMBLY LOWERED PROX	1
WIPE DOWN RETRACTED PROX	1
FILM CLAMP RETRACTED PROX	1

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OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm 0.060"$

...X $\pm 0.030"$
...XX $\pm 0.015"$
...XXX $\pm 0.005"$
...XXXX $\pm 0.001"$

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TITLE KIT LSC 4.0 CLAMP 24VDC PNP PROX SWITCHES (SICK)

DRAFTER RDJ	ENGINEER	DATE 22 APR 2010	SCALE 1=1	REF.# 30138364	SHEET OF 1 1	SIZE A	DWG 30144871
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Item Number: AUT008
Part Number: 31059317
Part Description: KIT CABLES FOR LSC 4.0 CLAMP (ALLEN-BRADLEY) [FOR USE WITH FESTO VALVES]

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31058967</u>	<u>CABLE DISTRIBUTION BLOCK 4</u> <u>PORTS M8 1IN/PORT IP65/67 M12X8P</u>	<u>1.00000</u>
<u>000002</u>	<u>31082326</u>	<u>CABLE ELECTRICAL EXTENSION 3</u> <u>COND 24 AWG R-ANG-F MICRO QD</u> <u>STR-M PICO QD 0.3M YELLOW PVC</u>	<u>3.00000</u>
<u>000003</u>	<u>31065348</u>	<u>CABLE ELECTRICAL EXTENSION</u> <u>4COND 24AWG STR-F MICRO 3 COND</u> <u>STR-M PICO QD 1M TPE FLEX RATED</u>	<u>1.00000</u>

DEVICE DESCRIPTION	ITEM #
AUTOMATION UNIT DISTRIBUTION BLOCK	1
FILM CLAMP RETRACTED PROX CABLE	2
CUTTER ASSEMBLY RAISED PROX CABLE	2
CUTTER ASSEMBLY LOWERED PROX CABLE	2
WIPE DOWN RETRACTED PROX CABLE	3

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AND THE INFORMATION
CONTAINED HEREIN IS
PROPRIETARY AND PROPERTY
OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm .060"$

—.X $\pm .030"$
—.XX $\pm .015"$
—.XXX $\pm .005"$
—.XXXX $\pm .001"$

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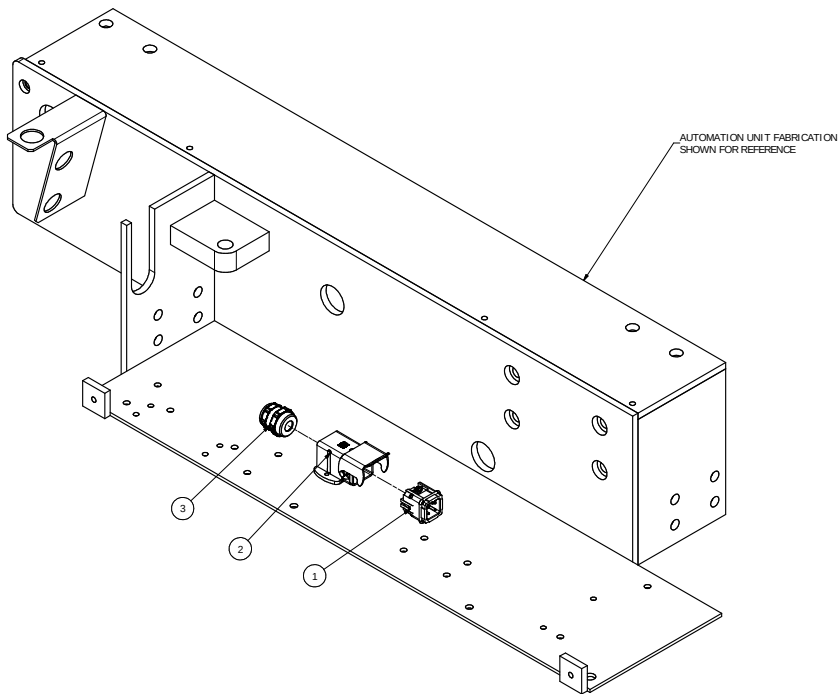
Stretch Wrappers. Palletizers. Conveyor Systems.

TITLE *KIT CABLES FOR LSC 4.0 CLAMP (ALLEN-BRADLEY) [FOR USE WITH FESTO VALVES]*

DRAFTER MPM	ENGINEER MPM	DATE 10 MAY 2010	SCALE 1=1	REF.# 30144870	SHEET OF 1 1	SIZE A	DWG 31059317
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Item Number: AUT009
Part Number: 30144884
Part Description: KIT CONNECTOR NFB HOT WIRE MALE

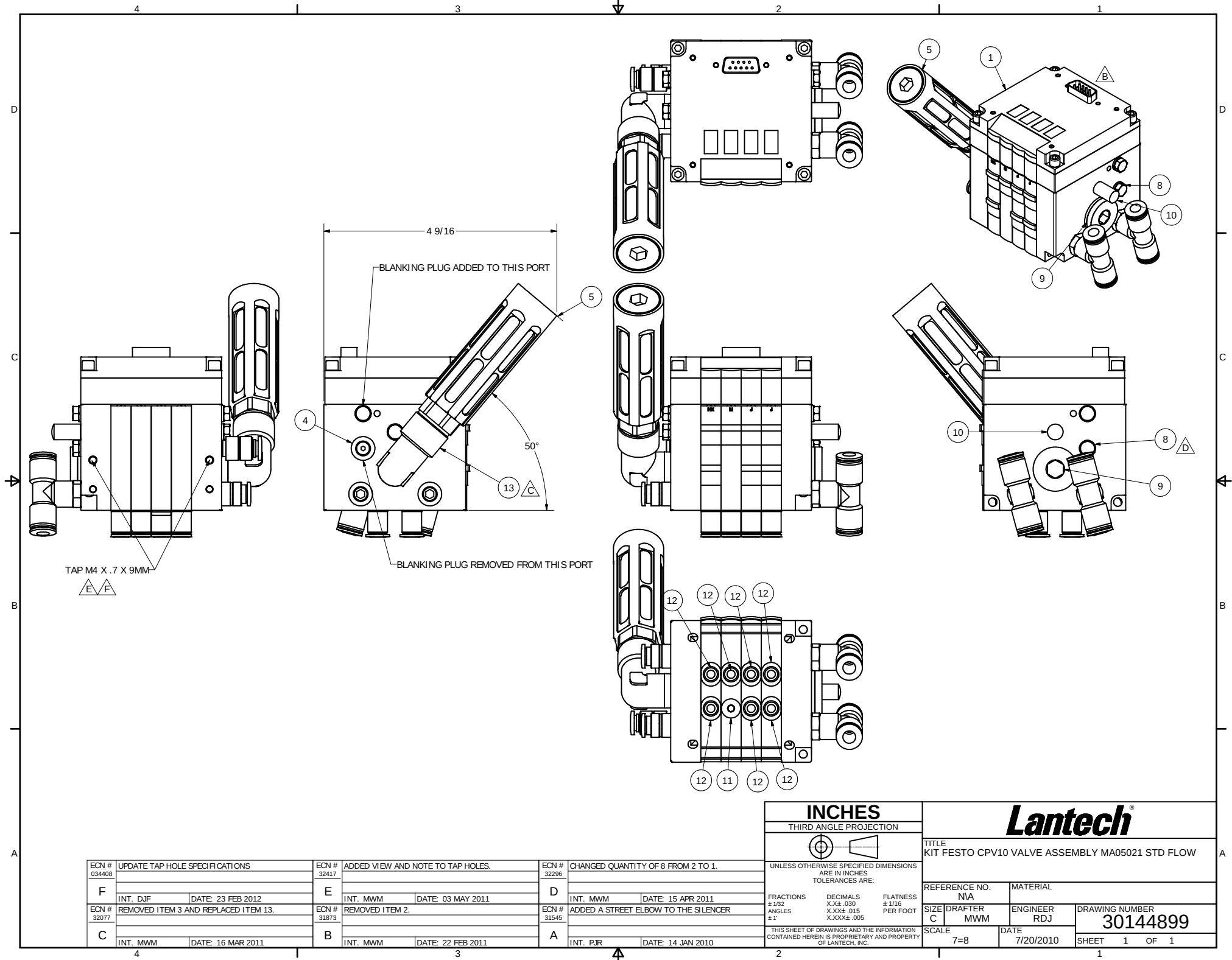
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31012556</u>	<u>CONNECTOR QD MALE INSERT 3P</u> <u>PLUS GND 600V 15A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000002</u>	<u>31012582</u>	<u>CONNECTOR HOUSING SIZE 1 M20</u> <u>BASE HOUSING</u>	<u>1.00000</u>
<u>000003</u>	<u>31012598</u>	<u>CONNECTOR CABLE CLAMP 2-HOLE</u> <u>6MM M20 NICKEL PLATED BRASS</u>	<u>1.00000</u>

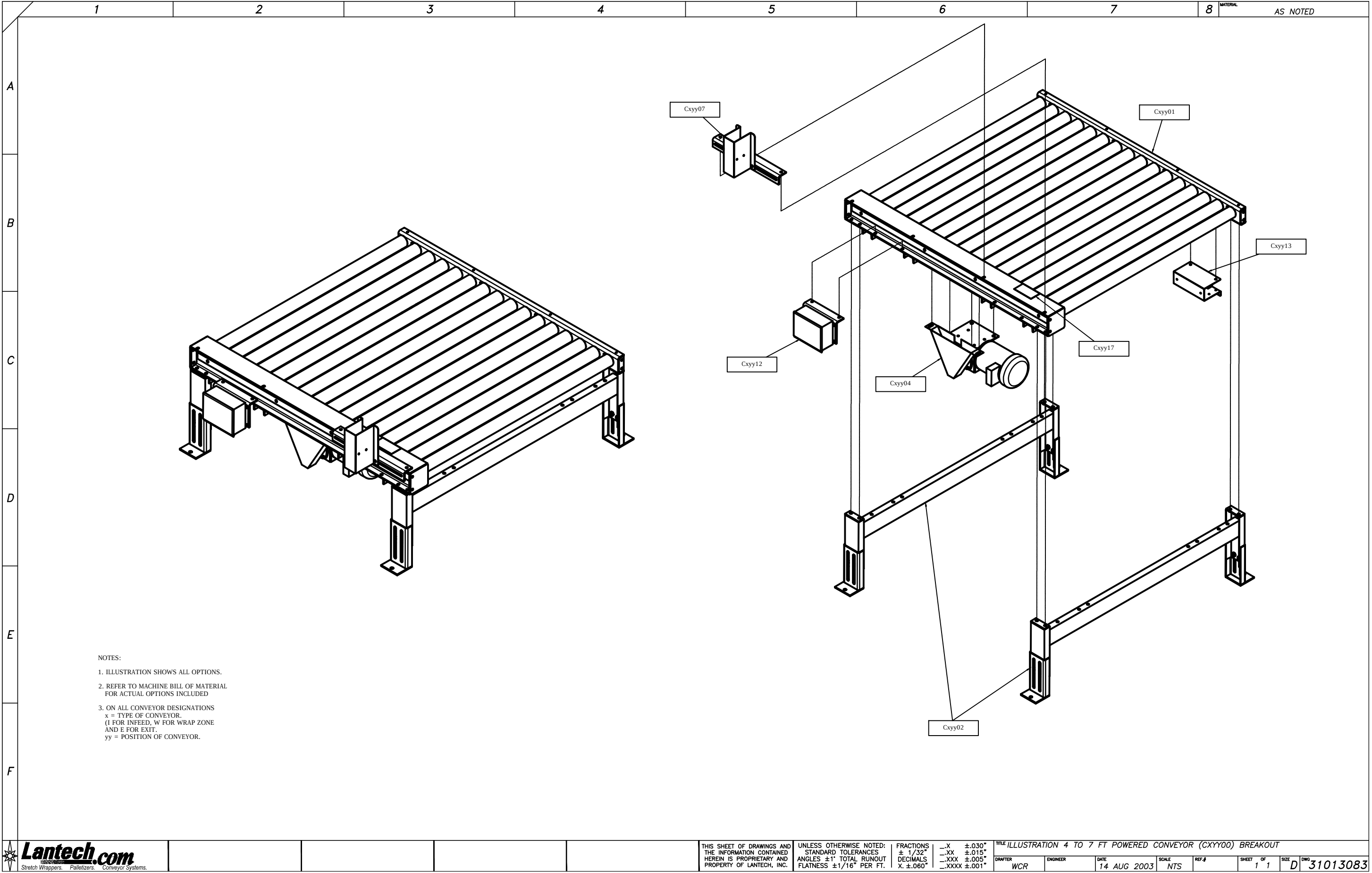


INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
			KIT CONNECTOR NFB HOT WIRE MALE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO.		
TOLERANCES ARE:			MATERIAL		
FRACTIONS 4/16	DECIMALS X.XX (3S)	FLATNESS X.XX (3S)	N/A	SIZE DRAFTER D MWM	ENGINEER RDJ
ANGLES 4°	PER FOOT X.XXX (3S)				DRAWING NUMBER 30144884
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.			SCALE 1=2	DATE 10/26/2010	SHEET 1 OF 1

Item Number: AUT011
 Part Number: 30144899
 Part Description: KIT FESTO CPV10 VALVE ASSEMBLY MA05021 STD FLOW

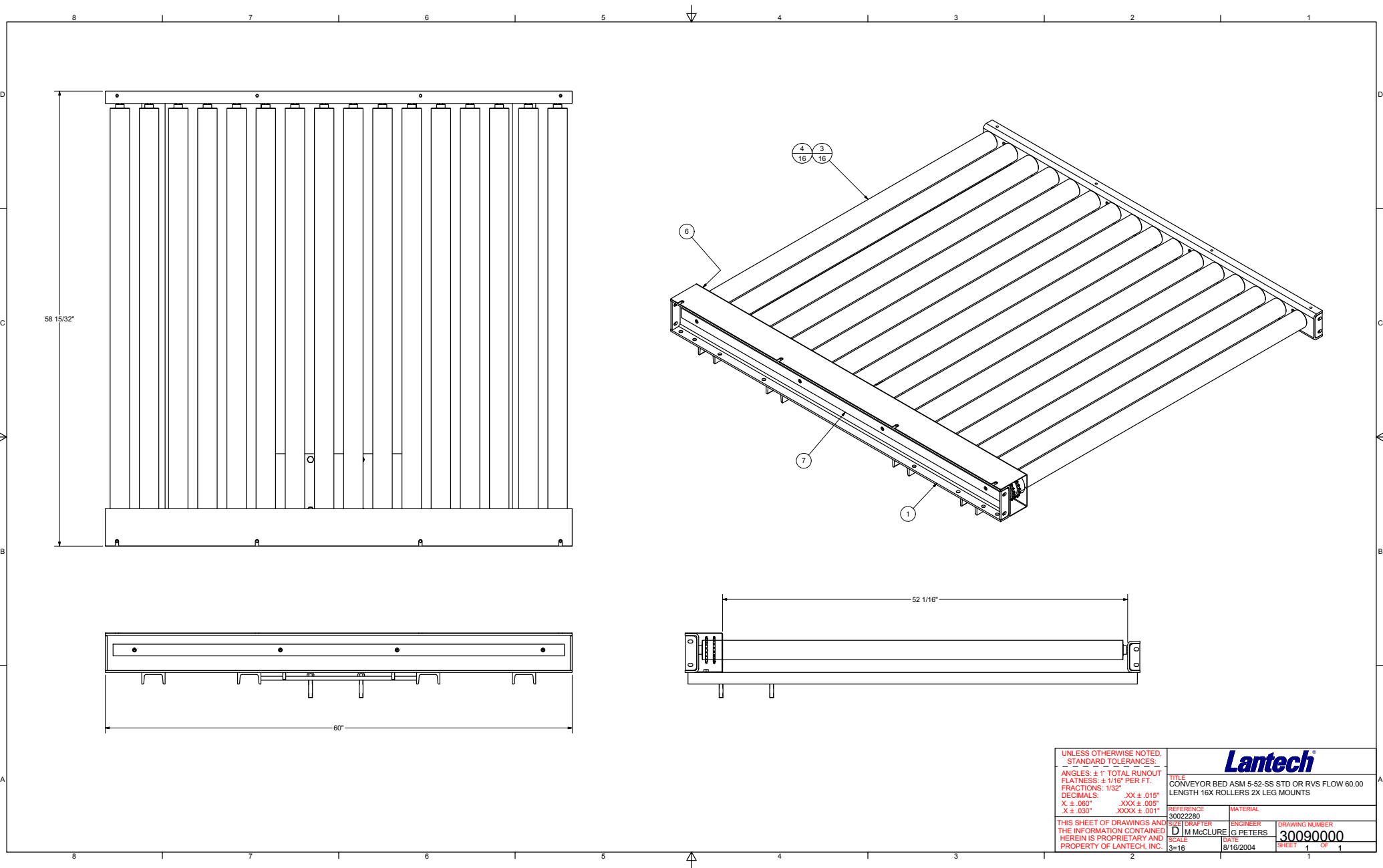
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30144886</u>	<u>VALVE ASM 10P-10-4C-MP-R-Z-HKMJJ</u>	<u>1.00000</u>
<u>000004</u>	<u>31069029</u>	<u>FITTING QS-M5-1/4-I-U-M PUSH-IN FITTING</u>	<u>1.00000</u>
<u>000005</u>	<u>001476A</u>	<u>SILENCER U-3/8-20-B-ISO (FILTER FOR VENTURI VACUUM)</u>	<u>1.00000</u>
<u>000006</u>	<u>30051105</u>	<u>FITTING TUBING STRAIGHT FOR 1/4 OD FROM METRIC THREADED (QS-1/8- 1/4-I-U-M)</u>	<u>2.00000</u>
<u>000007</u>	<u>30144948</u>	<u>FITTING PNEUMATIC PUSH-IN TEE-FIT HYBRID QBT-1/8-1/4-U-M</u>	<u>2.00000</u>
<u>000008</u>	<u>30144889</u>	<u>FITTING PNEUMATIC THREADED PLUG - M5 MALE +14F/+140F</u>	<u>1.00000</u>
<u>000009</u>	<u>31033208</u>	<u>PLUG BLANKING FOR PE-13063A AIR SUPPLY UNIT</u>	<u>1.00000</u>
<u>000010</u>	<u>30144888</u>	<u>FITTING PNEUMATIC SILENCER UC-M5</u>	<u>1.00000</u>
<u>000011</u>	<u>30144897</u>	<u>FITTING PNEUMATIC B-M7 BLANKING PLUG</u>	<u>1.00000</u>
<u>000012</u>	<u>30144898</u>	<u>FITTING PNEUMATIC QSM-M7-1/4-I-U- M PUSH-IN FITTING</u>	<u>7.00000</u>
<u>000013</u>	<u>31089475</u>	<u>FITTING PNEUMATIC NPFB-L-R38-G38- MF ELBOW FITTING</u>	<u>1.00000</u>





Item Number: CE0101
 Part Number: 30090000
 Part Description: CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>21087702</u>	<u>FRAME CONVEYOR FAB ERD 5-52 SS</u>	<u>1.00000</u>
<u>000002</u>	<u>30089058</u>	<u>ROLLER DRIVEN ASM CONVEYOR</u> <u>DRIVE 2-1/2 OD X 55</u>	<u>2.00000</u>
<u>000003</u>	<u>30089057</u>	<u>ROLLER DRIVEN ASM CONVEYOR</u> <u>BED 2-1/2 OD X 55 (SEE NOTES)</u> <u>(SAME AS 30089058)</u>	<u>14.00000</u>
<u>000004</u>	<u>40031445</u>	<u>SHAFT HEX 11/16 X 56 7/16</u>	<u>16.00000</u>
<u>000005</u>	<u>21106110</u>	<u>CHAIN RLR #40-1 33P + 1CL + 1OL</u>	<u>14.00000</u>
<u>000006</u>	<u>21087902</u>	<u>GUARD CONVEYOR 5-SS DRIVE SIDE</u> <u>TOP</u>	<u>1.00000</u>
<u>000007</u>	<u>21176901</u>	<u>CHANNEL STRUCTURAL ROLLER</u> <u>RETAINER BRACKET 58</u>	<u>2.00000</u>
<u>000008</u>	<u>21061801</u>	<u>PLATE CONVEYOR END COVER</u>	<u>2.00000</u>
<u>000326</u>	<u>30183173</u>	<u>KIT FASTENERS FOR FIELD</u> <u>INSTALLATION OF CONVEYOR</u> <u>SECTIONS</u>	<u>1.00000</u>



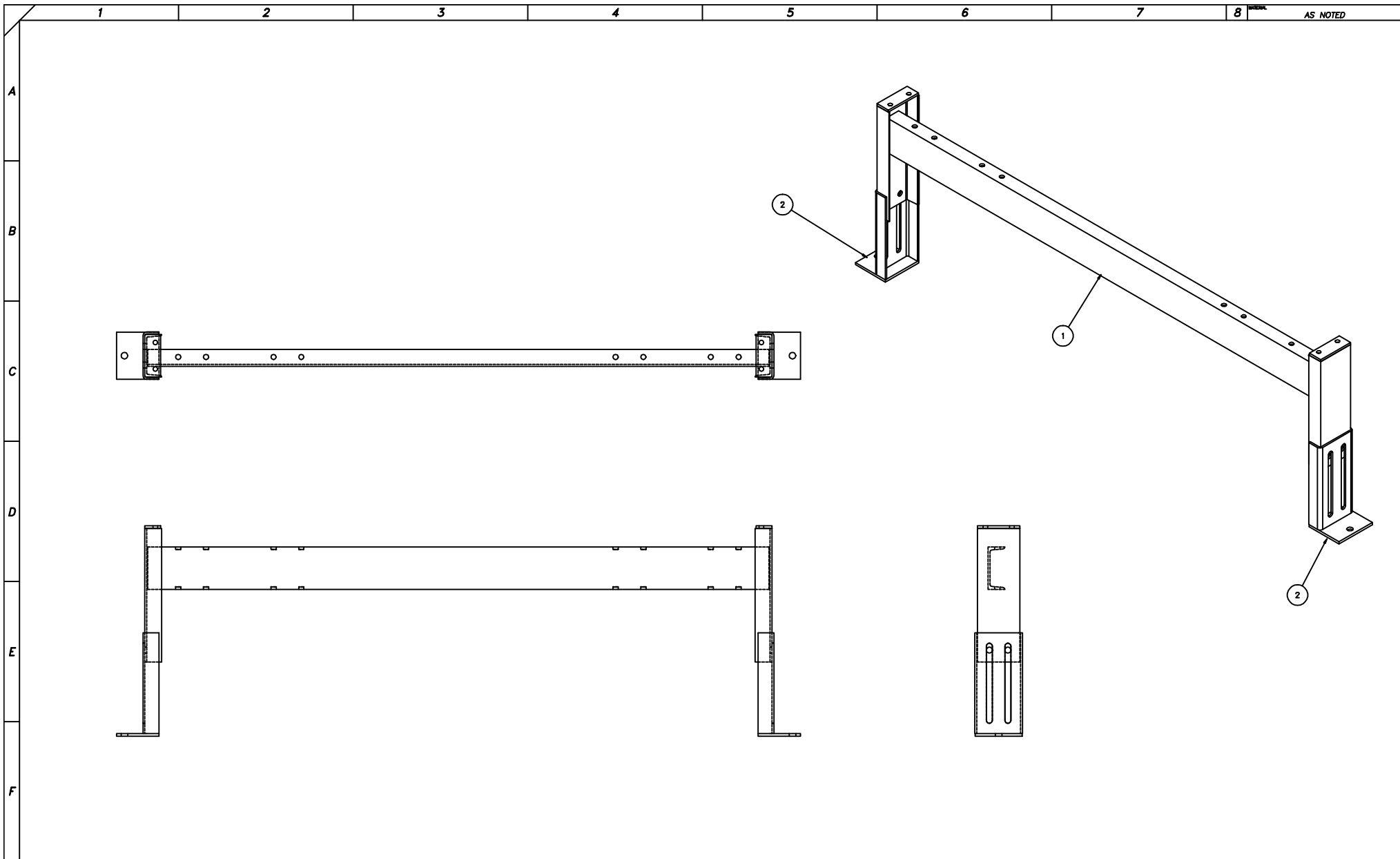
UNLESS OTHERWISE NOTED, STANDARD TOLERANCES:		Lantech®	
ANGLES: ± 1° TOTAL RUNOUT FLATNESS: ± 1/16" PER FT. FRACTIONS: 1/32" DECIMALS: .XX ± .015" X ± .060" XXX ± .005" X ± .030" XXXX ± .001"		TITLE CONVEYOR BED ASM 5-52-SS STD OR RVS FLOW 60.00 LENGTH 16X ROLLERS 2X LEG MOUNTS	
REFERENCE 30022280	MATERIAL ENGINEER D IM McCURE G PETERS	DRAWING NUMBER 30090000	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.	SCALE 3=16	DATE 8/16/2004	SHEET 1 OF 1

Item Number: CE0101.000326
Part Number: 30183173
Part Description: KIT FASTENERS FOR FIELD INSTALLATION OF CONVEYOR SECTIONS

Item	Part#	Description	Qty
000001	S-007785	FASTENER BOLT 3/8-16 X 1-1/4 HEX HEAD GRADE 8	4.00000
000002	S-007098	WASHER FLAT 3/8	8.00000
000003	S-005114	WASHER LOCK 3/8	4.00000
000004	S-007438	FASTENER NUT HEX 3/8-16 GRADE 8	4.00000

Item Number: CE0102
Part Number: 30022283
Part Description: CONVEYOR PASS HEIGHT ASSY 52EW-SS-18/24 V-STYLE

Item	Part#	Description	Qty
000001	21088201	FRAME CONVEYOR SUPPORT FAB 52 EW	1.00000
000002	21062001	FOOT SUPPORT FAB ADJ 18/24	2.00000



Item Number: CE0104
Part Number: 30007776
Part Description: CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>P-012260</u>	<u>MOTOR 3/4 HP 230/460V 2.6/1.3FLA</u> <u>3400 56C</u>	<u>1.00000</u>
<u>000002</u>	<u>30132286</u>	<u>REDUCER BMQ821 30:1 RIGHT ANGLE</u> <u>RIGHT HAND OUTPUT ASSEMBLY 3</u> <u>56C FACE MOBIL GLYGOYLE 460</u> <u>LUBRICANT (-10 TO +105F) FILLED</u> <u>FOR WORM UNDER MOUNTING</u> <u>POSITION (FOOD GRADE STANDARD)</u>	<u>1.00000</u>
<u>000003</u>	<u>21103284</u>	<u>SPROCKET 40B16 1B W/KY 2SS</u>	<u>1.00000</u>
<u>000005</u>	<u>21106198</u>	<u>CHAIN RLR #40-1 55P + 1CL</u>	<u>1.00000</u>
<u>000006</u>	<u>30042012</u>	<u>GUARD CONVEYOR CHAIN</u>	<u>1.00000</u>
<u>000007</u>	<u>21070403</u>	<u>PLATE CONVEYOR REDUCER MOUNT</u> <u>SS/CS/TS</u>	<u>1.00000</u>

Item Number: CE0105
Part Number: 31046687
Part Description: KIT AB POWERFLEX 4M 1HP 380-480VAC W/ MCP

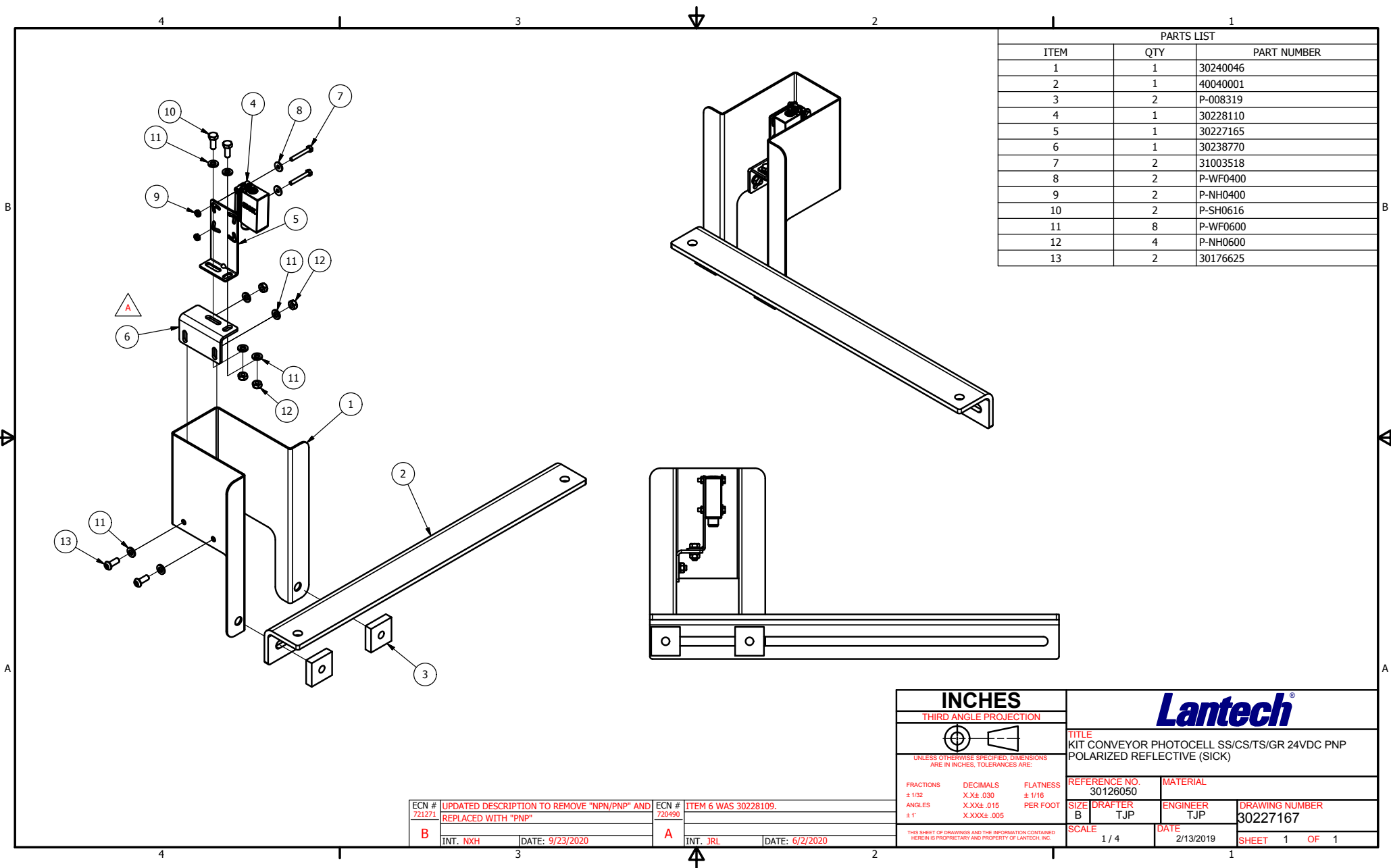
Item	Part#	Description	Qty
<u>000001</u>	<u>31011528</u>	<u>STARTER MOTOR</u> <u>COMBINATION/CIRCUIT BREAKER 2.5-</u> <u>4.0</u>	<u>1.00000</u>
<u>000002</u>	<u>31047097</u>	<u>DRIVE VARIABLE FREQUENCY</u> <u>POWERFLEX 4M 1HP 380-480VAC</u>	<u>1.00000</u>

Item Number: CE0106
Part Number: 30126049
Part Description: KIT REFLECTIVE TAPE SS CONVEYOR

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30051362</u>	<u>TAPE REFLECTIVE 2IN X 3IN</u> <u>POLARIZED</u>	<u>3.00000</u>

Item Number: CE0107
 Part Number: 30227167
 Part Description: KIT CONVEYOR PHOTOCELL SS/CS/TS/GR 24VDC PNP POLARIZED REFLECTIVE (SICK)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30240046</u>	<u>GUARD CONVEYOR SICK PHOTOCELL</u>	<u>1.00000</u>
<u>000002</u>	<u>40040001</u>	<u>ANGLE FORMED CONVEYOR PHOTOCELL MOUNT - SHORT</u>	<u>1.00000</u>
<u>000003</u>	<u>P-008319</u>	<u>FASTENER NUT UNISTRUT 3/8-16</u>	<u>2.00000</u>
<u>000004</u>	<u>30228110</u>	<u>SWITCH PHOTOCELL RETROREFLECTIVE 10-30VDC 12M MAX RANGE PNP M12 4P 1103569 (Bulk Pack of 1064704 at QTY 50)</u>	<u>1.00000</u>
<u>000005</u>	<u>30227165</u>	<u>MOUNT G10 SENSOR - Bulk pack 50 BEF-G10DC01 bracket</u>	<u>1.00000</u>
<u>000006</u>	<u>30238770</u>	<u>MOUNT PHOTOCELL BRACKET FOR CONVEYOR</u>	<u>1.00000</u>
<u>000007</u>	<u>31003518</u>	<u>FASTENER BOLT HHS DIN 931 - M4 X 30 - 8.8 - PT - CZP</u>	<u>2.00000</u>
<u>000008</u>	<u>P-WF0400</u>	<u>WASHER FLAT NORMAL DIN 125A - M4 - CZP</u>	<u>2.00000</u>
<u>000009</u>	<u>P-NH0400</u>	<u>FASTENER NUT HEX DIN 934 - M4 - 8 - CZP</u>	<u>2.00000</u>
<u>000010</u>	<u>P-SH0616</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X 16 - 8.8 - FT - CZP</u>	<u>2.00000</u>
<u>000011</u>	<u>P-WF0600</u>	<u>WASHER FLAT M6 HARDENED STEEL NARROW SERIES (13MM) ZINC PLATED</u>	<u>8.00000</u>
<u>000012</u>	<u>P-NH0600</u>	<u>FASTENER NUT HEX DIN 934 - M6 - 8 - CZP</u>	<u>4.00000</u>
<u>000013</u>	<u>30176625</u>	<u>FASTENER BOLT BHCS ISO 7380 - M6 X 16 - 10.9 - FT - CZP</u>	<u>2.00000</u>



Item Number: CE0108
Part Number: 31069781
Part Description: KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY

Item	Part#	Description	Qty
<u>000001</u>	<u>30134172</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 7M PVC</u>	<u>1.00000</u>

Item Number: CE0117
 Part Number: 30048033
 Part Description: LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30244091</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT WALK ON CONVEYOR' (SIZE</u> <u>= 16.25 X 1.50)</u>	<u>1.00000</u>
<u>000002</u>	<u>30116758</u>	<u>LABEL LOGO 'LANTECH' 'MADE IN</u> <u>THE USA' (SIZE = 4.00 X 1.00)</u>	<u>1.00000</u>
<u>000003</u>	<u>30022939</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT USE MACHINE IN EXPLOSIVE</u> <u>ENVIRONMENT' (SIZE = 6.63 X 3.63)</u>	<u>2.00000</u>
<u>000004</u>	<u>30027592</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT OPERATE WITHOUT GUARD</u> <u>IN PLACE' (SIZE = 3.44 X 3.31)</u>	<u>1.00000</u>
<u>000005</u>	<u>30022972</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT WALK ON CONVEYORS' (SIZE</u> <u>= 9.81 X 3.64)</u>	<u>1.00000</u>
<u>000007</u>	<u>30049602</u>	<u>LABEL NOTICE 'CHECK MACHINE</u> <u>VOLTAGES BEFORE STARTING'</u> <u>(OBSOLETE 30022994)</u>	<u>1.00000</u>
<u>000008</u>	<u>30064021</u>	<u>LABEL SAFETY INSTRUCTIONS USE</u> <u>COPPER WIRE ONLY. USE 60 DEGREE</u> <u>C INSULATION. TORQUE TERMINAL</u> <u>SCREWS TO 6 IN-LBS. (REPLACES</u> <u>LABEL 30022984)</u>	<u>1.00000</u>
<u>000009</u>	<u>30022971</u>	<u>LABEL DANGER 'WIRES MAY BE LIVE</u> <u>-CHECK INTERFACE WIRING'</u>	<u>1.00000</u>
<u>000010</u>	<u>30022995</u>	<u>LABEL WARNING 'UNAUTHORIZED</u> <u>CHANGES MAY CREATE SAFETY</u> <u>HAZARDS AND VOID WARRANTY'</u>	<u>1.00000</u>
<u>000011</u>	<u>30022940</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'HIGH VOLTAGE DISCONNECT POWER</u> <u>BEFORE SERVICING' (SIZE = 3.44 X</u> <u>5.81)</u>	<u>1.00000</u>
<u>000012</u>	<u>30022970</u>	<u>LABEL ISO CAUTION 'LIGHTNING</u> <u>BOLT FOR ELECTRICAL HAZARD'</u> <u>(SIZE = 3.55 X 3.17 SHAPE =</u> <u>TRIANGLE)</u>	<u>1.00000</u>

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**WARNING**

Risk of Serious Injury

Conveyors may start automatically.
DO NOT walk or sit on conveyor.
KEEP hands and feet AWAY.



**DANGER**

Risk of Serious Injury or Death



Machine motors or film may spark.
DO NOT use machine in explosive environments.

**WARNING**

Risk of Serious Injury

DO NOT operate without guard in place.

**WARNING**

Risk of Serious Injury



Conveyors start automatically.
DO NOT walk or sit on conveyors.
KEEP hands and feet AWAY.



OPTIONAL ELECTRICAL CONTROL ENCLOSURE LABELS ARE LOCATED ON SHEET 2.
MODULE: CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP. ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS MAY BE NECESSARY TO COMPLETE THE MACHINE. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS.

ECN# REMOVED ITEM #6, 31033960, MACHINE	ECN# REPLACED LABEL(S)	ECN# UPDATED LABELS, SEE EON FOR MORE	ECN# REPLACED 30022983 WITH 30039845
029041 D LABEL	018561	009625 DETAILS	008624 30022984 WITH 30064021
D	C	B	A
INT:MRM DATE: 19 FEB 2010	INT:WCR DATE: 09 MAY 2006	INT:MRM DATE: 08 DEC 2003	INT:MRM DATE: 13 FEB 2003

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES ±1° TOTAL RUNOUT FLATNESS ±1/16" PER FT.

FRACTIONS ± 1/32" DECIMALS ±.005" X, ±.060" X, ±.001"

TITLE LABEL KIT INSTALLATION MOTORIZED CONVEYOR UP TO 5 FT
DRAWN: WCR ENGINEER: DATE: 10/23/00 SCALE: NTS
SHEET 1 OF 2 SIZE D 30048033

ECN# REPLACE 30027590 ITEM #1) WITH 721215 30244091	ECN# ITEM #2, 30116758, WAS 31038175 033850
F	E
INT:DJF DATE: 9/29/2020	INT:MRM DATE: 04 JAN 2012

A

B

C

D

E

F

NOTICE
To avoid machine damage, check voltages as indicated on drawings before starting machine.

30049602



SAFETY INSTRUCTIONS
Use copper wire ONLY. Use 60 °C insulation.
Torque terminal screws to 6 in-lbs.

30064021

8

WARNING
Risk of Serious Injury
Unauthorized changes to this machine may create safety hazards and void warranty. For assistance, call Service Engineer at 800-866-0322.

30022995

10

DANGER Risk of Serious Injury or Death

WIRES MAY BE LIVE. Check interface wiring for voltage BEFORE service.

30022971

9

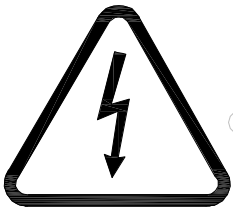
IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE INTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

DANGER Risk of Serious Injury or Death

Machine motors or film may spark. DO NOT use machine in explosive environments.

30022939

3



30022970

12

DANGER Risk of Serious Injury or Death

HIGH VOLTAGE
Disconnect power BEFORE servicing.

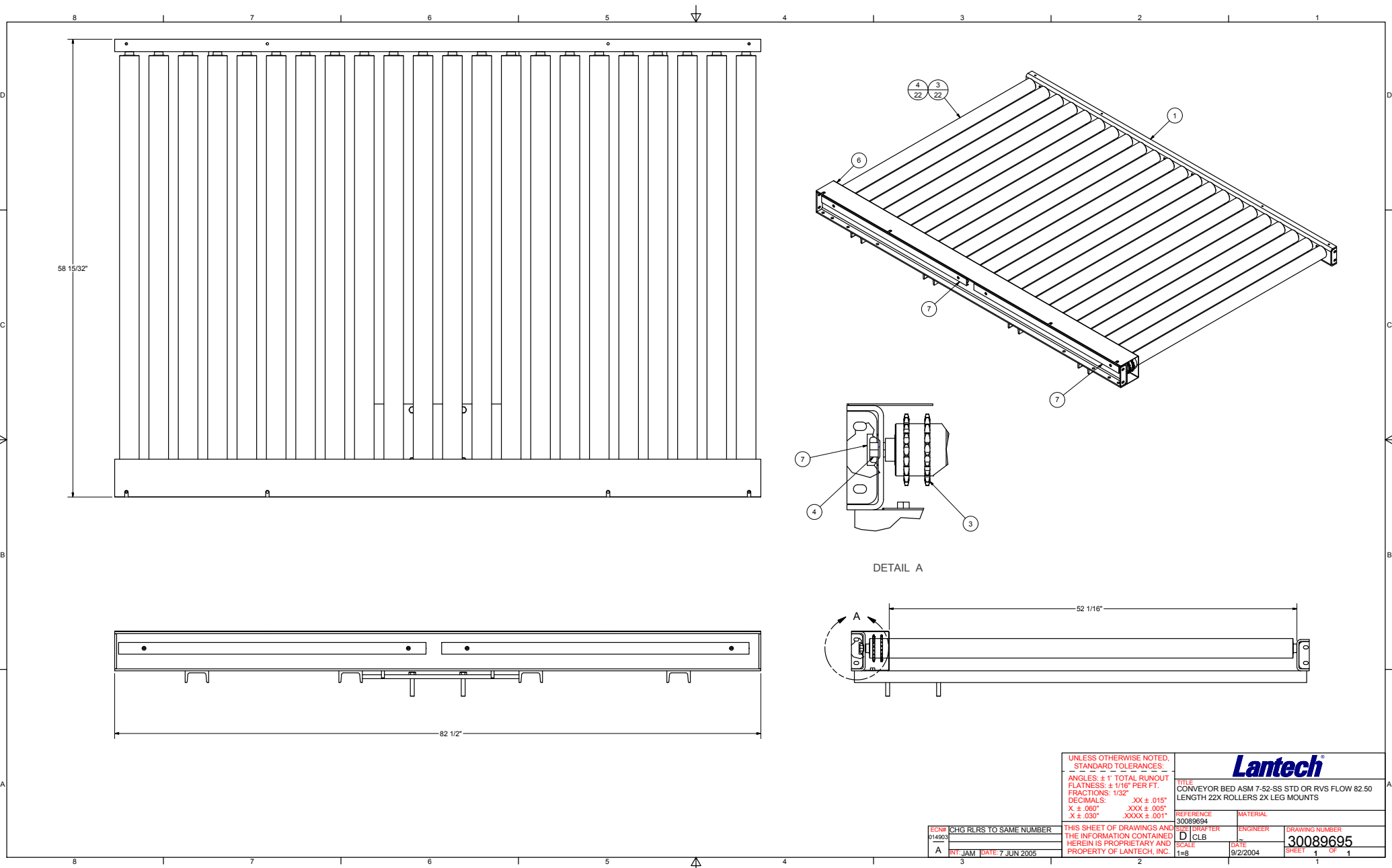
30022940

11

IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE EXTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

Item Number: CE0201
 Part Number: 30089695
 Part Description: CONVEYOR BED ASM 7-52-SS STD OR RVS FLOW 82.50 LENGTH 22X ROLLERS 2X LEG MOUNTS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>21087704</u>	<u>FRAME CONVEYOR ERD 7-52</u>	<u>1.00000</u>
<u>000003</u>	<u>30089057</u>	<u>ROLLER DRIVEN ASM CONVEYOR</u> <u>BED 2-1/2 OD X 55 (SEE NOTES)</u> <u>(SAME AS 30089058)</u>	<u>22.00000</u>
<u>000004</u>	<u>40031445</u>	<u>SHAFT HEX 11/16 X 56 7/16</u>	<u>22.00000</u>
<u>000005</u>	<u>21106110</u>	<u>CHAIN RLR #40-1 33P + 1CL + 1OL</u>	<u>20.00000</u>
<u>000006</u>	<u>21089104</u>	<u>GUARD CONVEYOR 7-SS DRIVE SIDE</u> <u>TOP</u>	<u>1.00000</u>
<u>000007</u>	<u>21176903</u>	<u>BRACKET RETAINER 39 1/4</u>	<u>4.00000</u>
<u>000008</u>	<u>21061801</u>	<u>PLATE CONVEYOR END COVER</u>	<u>0.00000</u>
<u>000326</u>	<u>30183173</u>	<u>KIT FASTENERS FOR FIELD</u> <u>INSTALLATION OF CONVEYOR</u> <u>SECTIONS</u>	<u>1.00000</u>



ECN# 914905
A

UNLESS OTHERWISE NOTED, STANDARD TOLERANCES: ANGLES: ± 1° TOTAL RUNOUT FLATNESS: ± 1/16" PER FT. FRACTIONS: 1/32" DECIMALS: .XX ± .015" X ± .060" XXX ± .005" X ± .030" XXXX ± .001"		Lantech TITLE CONVEYOR BED ASM 7-52-SS STD OR RVS FLOW 82.50 LENGTH 22X ROLLERS 2X LEG MOUNTS	
REFERENCE 30089694	MATERIAL ENGINEER	DRAWING NUMBER 30089695	
DATE 9/2/2004	SCALE 1=8	SHEET 1	OF 1

Item Number: CE0211
Part Number: 30132303
Part Description: KIT PHOTOCCELL EXTENSION CABLE 4COND MICRO 4M ALLEN-BRADLEY

Item	Part#	Description	Qty
<u>000001</u>	<u>30134176</u>	<u>CABLE ELECTRICAL EXTENSION 4</u> <u>COND 22 AWG STR-F MICRO QD STR-</u> <u>M MICRO QD 4M YELLOW PVC</u>	<u>1.00000</u>

Item Number: CE0217
 Part Number: 30048034
 Part Description: LABEL KIT INSTALLATION MOTORIZED CONVEYOR 6 FT TO 9 FT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30244091</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT WALK ON CONVEYOR' (SIZE</u> <u>= 16.25 X 1.50)</u>	<u>2.00000</u>
<u>000002</u>	<u>30116758</u>	<u>LABEL LOGO 'LANTECH' 'MADE IN</u> <u>THE USA' (SIZE = 4.00 X 1.00)</u>	<u>1.00000</u>
<u>000003</u>	<u>30022939</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT USE MACHINE IN EXPLOSIVE</u> <u>ENVIRONMENT' (SIZE = 6.63 X 3.63)</u>	<u>2.00000</u>
<u>000004</u>	<u>30027592</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT OPERATE WITHOUT GUARD</u> <u>IN PLACE' (SIZE = 3.44 X 3.31)</u>	<u>1.00000</u>
<u>000005</u>	<u>30022972</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT WALK ON CONVEYORS' (SIZE</u> <u>= 9.81 X 3.64)</u>	<u>2.00000</u>
<u>000007</u>	<u>30049602</u>	<u>LABEL NOTICE 'CHECK MACHINE</u> <u>VOLTAGES BEFORE STARTING'</u> <u>(OBSOLETE 30022994)</u>	<u>1.00000</u>
<u>000008</u>	<u>30064021</u>	<u>LABEL SAFETY INSTRUCTIONS USE</u> <u>COPPER WIRE ONLY. USE 60 DEGREE</u> <u>C INSULATION. TORQUE TERMINAL</u> <u>SCREWS TO 6 IN-LBS. (REPLACES</u> <u>LABEL 30022984)</u>	<u>1.00000</u>
<u>000009</u>	<u>30022971</u>	<u>LABEL DANGER 'WIRES MAY BE LIVE</u> <u>-CHECK INTERFACE WIRING'</u>	<u>1.00000</u>
<u>000010</u>	<u>30022995</u>	<u>LABEL WARNING 'UNAUTHORIZED</u> <u>CHANGES MAY CREATE SAFETY</u> <u>HAZARDS AND VOID WARRANTY'</u>	<u>1.00000</u>
<u>000011</u>	<u>30022940</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'HIGH VOLTAGE DISCONNECT POWER</u> <u>BEFORE SERVICING' (SIZE = 3.44 X</u> <u>5.81)</u>	<u>1.00000</u>
<u>000012</u>	<u>30022970</u>	<u>LABEL ISO CAUTION 'LIGHTNING</u> <u>BOLT FOR ELECTRICAL HAZARD'</u> <u>(SIZE = 3.55 X 3.17 SHAPE =</u> <u>TRIANGLE)</u>	<u>1.00000</u>
<u>000014</u>	<u>30049603</u>	<u>LABEL NOTICE 'GROUND YOURSELF</u> <u>PRIOR TO TOUCHING PC BOARDS'</u> <u>(OBSOLETE 30023002)</u>	<u>1.00000</u>

1 2 3 4 5 6 7 8 MATERIAL AS NOTED

WARNING Risk of Serious Injury

Conveyors may start automatically.
DO NOT walk or sit on conveyor.
KEEP hands and feet AWAY.



DANGER Risk of Serious Injury or Death



Machine motors or film may spark.
DO NOT use machine in explosive environments.

30022939

WARNING Risk of Serious Injury

DO NOT operate without guard in place.

30027582

WARNING Risk of Serious Injury



Conveyors start automatically.
DO NOT walk or sit on conveyors.
KEEP hands and feet AWAY.



30022972

OPTIONAL ELECTRICAL CONTROL ENCLOSURE LABELS ARE LOCATED ON SHEET 2.

MODULE CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP. ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS MAY BE NECESSARY TO COMPLETE THE MACHINE. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS.

ECN#	REPLACE 30027590 (ITEM #1) WITH	ECN#	ITEM #2, 30116758, WAS 31038175
721315	30244091	033850	
F	INT: DJF DATE: 9/29/2020	E	INT: MRM DATE: 04 JAN 2012

DATE	10/23/00	SCALE	NTS	SHEET	1	OF	2	SIZ	D	DWG	30048034
DRWTR	WCR	ENGINEER	—	DATE	10/23/00	SCALE	NTS	REF #	—	SHEET	1

ECN#	REMOVED ITEM #6, 31033960, MACHINE	ECN#	REPLACED LABELS	ECN#	UPDATED LABELS, SEE ECN FOR MORE	ECN#	REPLACED 30022983 WITH 30039845
029041	ID LABEL.	018561		009657	DETAILS.	006624	30022984 WITH 30064021
D	INT:MRM	C	INT:WCR	B	INT:MRM	A	INT:MRM
	DATE: 19 FEB 2010		DATE: 09 MAY 2006		DATE: 08 DEC 2003		DATE: 13 FEB 2003

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X, $\pm .000"$
— XX, $\pm .015"$
— XXX, $\pm .005"$
— XXXX, $\pm .001"$

TITLE LABEL KIT INSTALLATION
MOTORIZED CONVEYOR 6 FT TO 9 FT

A

B

C

D

E

F

NOTICE

To avoid machine damage, check voltages as indicated on drawings before starting machine.

30049602



7

SAFETY INSTRUCTIONS

Use copper wire ONLY. Use 60 °C insulation. Torque terminal screws to 6 in-lbs.

30064021

8

WARNING

Risk of Serious Injury

Unauthorized changes to this machine may create safety hazards and void warranty. For assistance, call Service Engineer at 800-866-0322.

30022995

10

DANGER

Risk of Serious Injury or Death

WIRES MAY BE LIVE. Check interface wiring for voltage BEFORE service.

30022971

9

IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE INTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

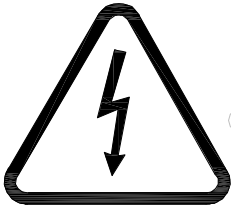
DANGER

Risk of Serious Injury or Death

Machine motors or film may spark. DO NOT use machine in explosive environments.

30022939

3



30022970

12

DANGER

Risk of Serious Injury or Death

HIGH VOLTAGE Disconnect power BEFORE servicing.

30022940

11

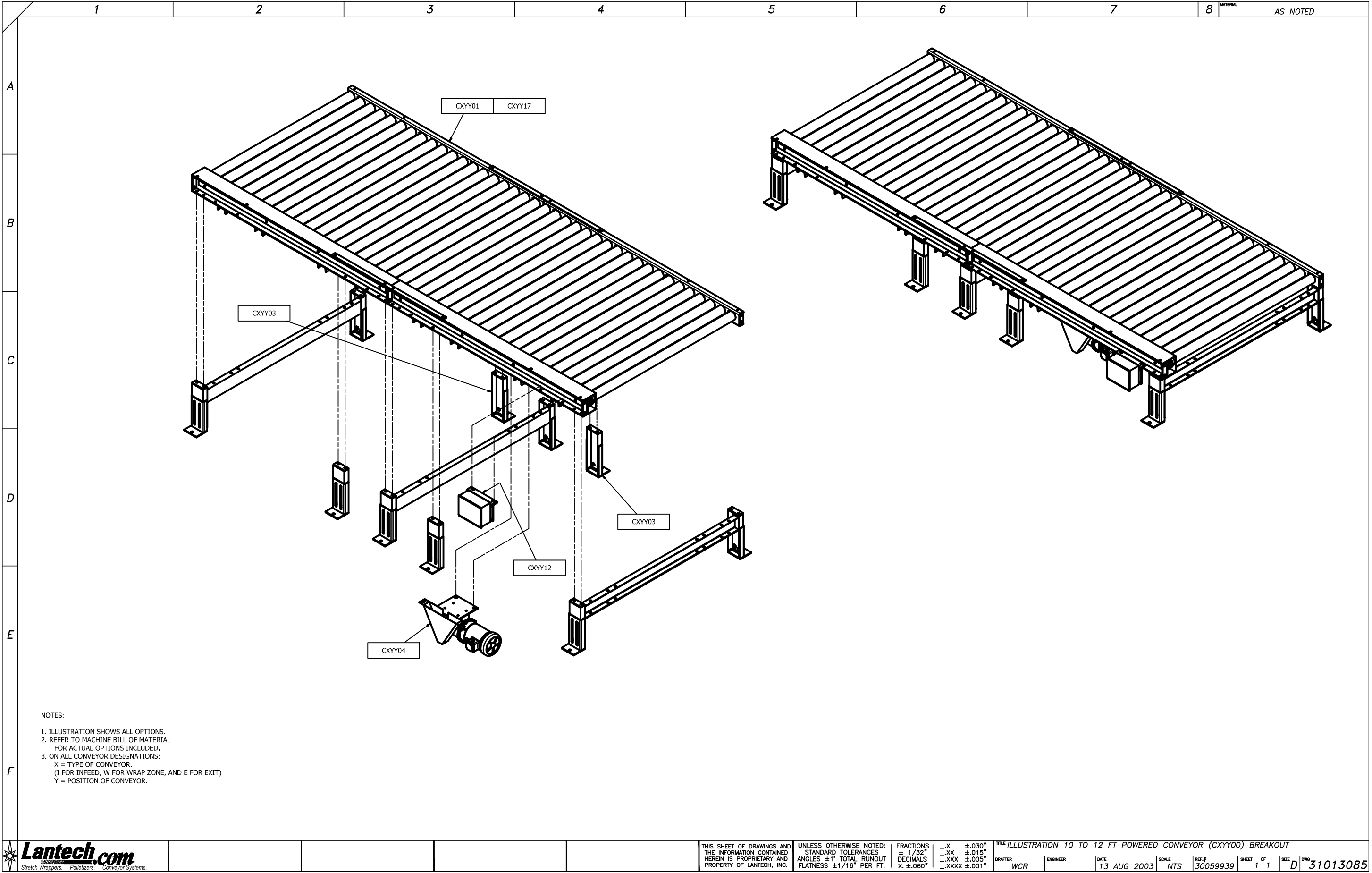
IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE EXTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

Item Number: CE0314
Part Number: 31059919
Part Description: KIT ULTRASONIC SIDE/END LOAD/UNLOAD SICK SENSOR 24VDC MOUNT (-4 TO 158DEG F)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31059909</u>	<u>SWITCH ULTRASONIC 12-30VDC 13-196IN SWITCHABLE OUTPUT IP65 M12 5PIN TYPE UM30 (-4 TO 158 DEG F) PNP</u>	<u>1.00000</u>
<u>000002</u>	<u>31005332</u>	<u>MOUNT PHOTOCELL BRACKET RIGHT ANGLE SHORT</u>	<u>1.00000</u>
<u>000003</u>	<u>31061892</u>	<u>MOUNT UNDER CONVEYOR FRAME 30MM BARREL TYPE ULTRASONIC</u>	<u>1.00000</u>

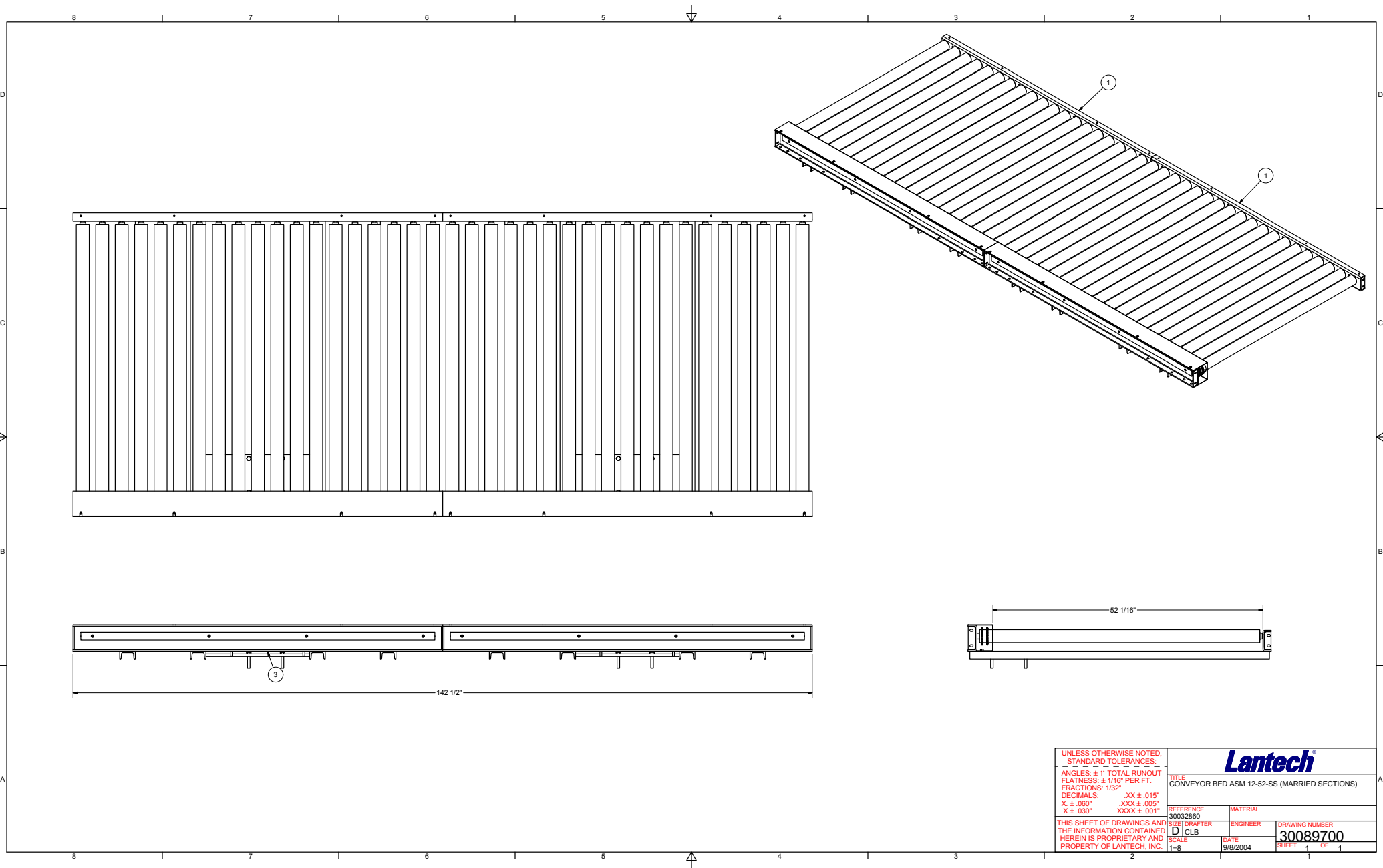
Item Number: CE0315
Part Number: 30132302
Part Description: KIT CONVEYOR PHOTOCELL CABLE FOR 1ST INFEED OR EXIT CONVEYOR ALLEN-BRADLEY

Item	Part#	Description	Qty
<u>000001</u>	<u>30134172</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 7M PVC</u>	<u>1.00000</u>



Item Number: CW0001
Part Number: 30089700
Part Description: CONVEYOR BED ASM 12-52-SS MARRIED(6+6) STD OR RVS FLOW 142.50 LENGTH 38X ROLLERS 3X LEG MOUNTS

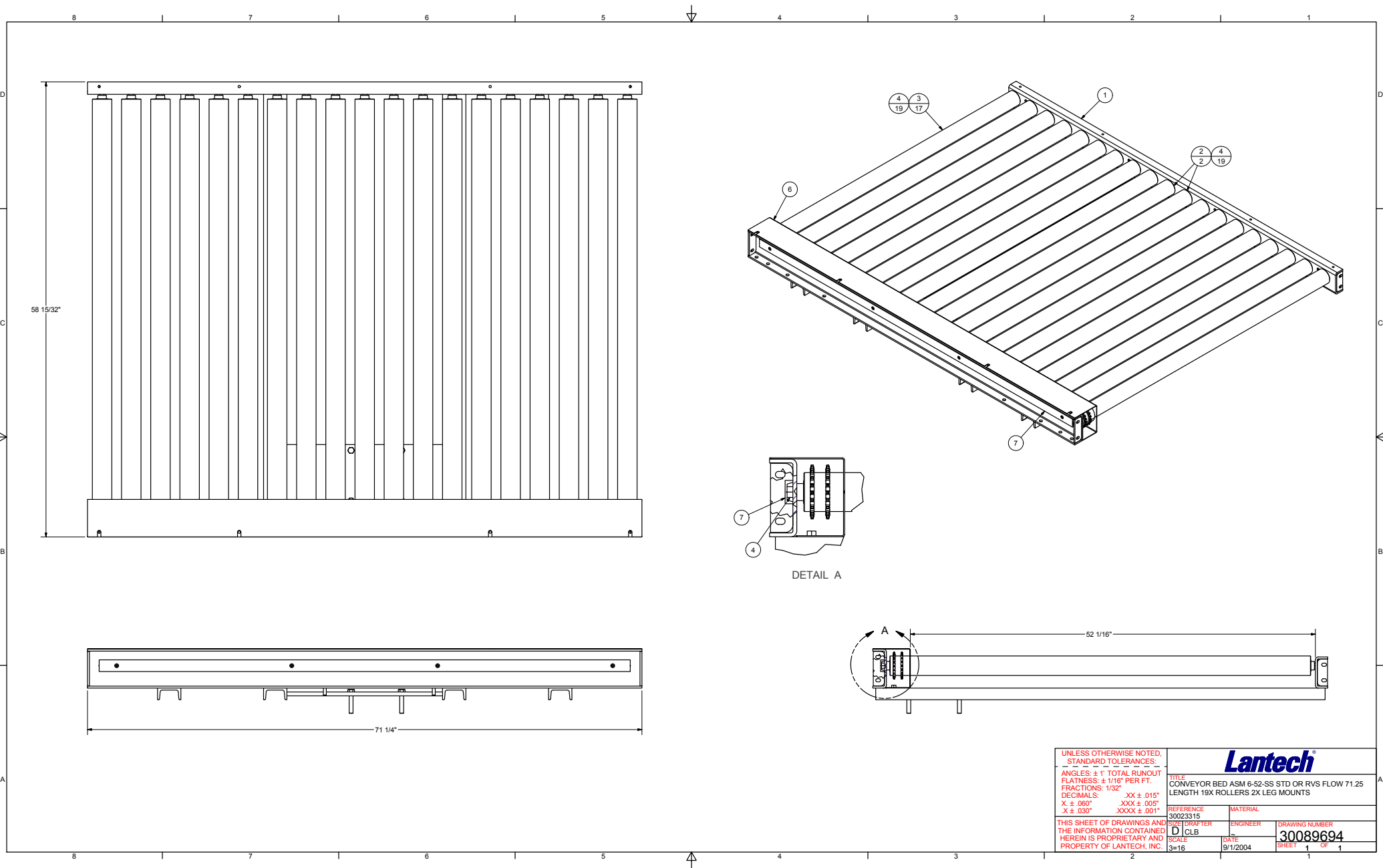
Item	Part#	Description	Qty
<u>000001</u>	<u>30089694</u>	<u>CONVEYOR BED ASM 6-52-SS STD OR</u> <u>RVS FLOW 71.25 LENGTH 19X</u> <u>ROLLERS 2X LEG MOUNTS</u>	<u>2.00000</u>
<u>000003</u>	<u>30028585</u>	<u>COVER PLATE TS/CS/SS DRIVE</u>	<u>1.00000</u>
<u>000004</u>	<u>21106110</u>	<u>CHAIN RLR #40-1 33P + 1CL + 1OL</u>	<u>2.00000</u>



UNLESS OTHERWISE NOTED, STANDARD TOLERANCES: ANGLES: ± 1" TOTAL RUNOUT FLATNESS: ± 1/16" PER FT. FRACTIONS: 1/32" DECIMALS: .XX ± .015" X ± .060" XXX ± .005" X ± .030" XXXX ± .001"		Lantech TITLE CONVEYOR BED ASM 12-52-SS (MARRIED SECTIONS)	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		REFERENCE 30032860 SIZE DRAFTER D CLB SCALE 1=8	MATERIAL ENGINEER DRAWING NUMBER 30089700 DATE 9/8/2004 SHEET 1 OF 1

Item Number: CW0001.000001
 Part Number: 30089694
 Part Description: CONVEYOR BED ASM 6-52-SS STD OR RVS FLOW 71.25 LENGTH 19X ROLLERS 2X LEG MOUNTS

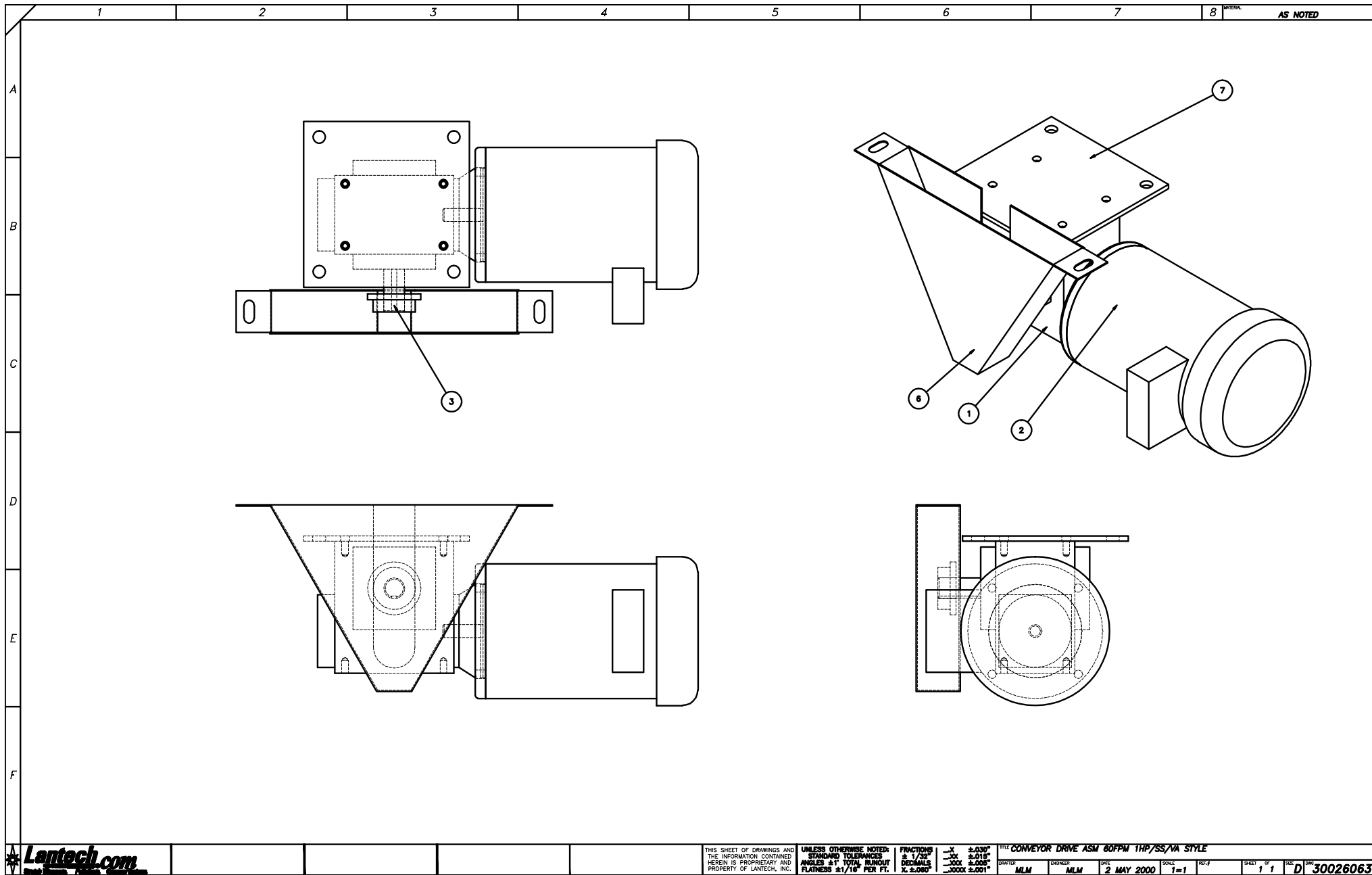
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>21087703</u>	<u>FRAME CONVEYOR ERD 6-52 SS</u>	<u>1.00000</u>
<u>000002</u>	<u>30089058</u>	<u>ROLLER DRIVEN ASM CONVEYOR</u> <u>DRIVE 2-1/2 OD X 55</u>	<u>2.00000</u>
<u>000003</u>	<u>30089057</u>	<u>ROLLER DRIVEN ASM CONVEYOR</u> <u>BED 2-1/2 OD X 55 (SEE NOTES)</u> <u>(SAME AS 30089058)</u>	<u>17.00000</u>
<u>000004</u>	<u>40031445</u>	<u>SHAFT HEX 11/16 X 56 7/16</u>	<u>19.00000</u>
<u>000005</u>	<u>21106110</u>	<u>CHAIN RLR #40-1 33P + 1CL + 1OL</u>	<u>17.00000</u>
<u>000006</u>	<u>21089102</u>	<u>GUARD CONVEYOR 6-SS DRIVE SIDE</u> <u>TOP</u>	<u>1.00000</u>
<u>000007</u>	<u>21176902</u>	<u>CHANNEL STRUCTURAL ROLLER</u> <u>RETAINER BRACKET 68-1/4</u>	<u>2.00000</u>
<u>000008</u>	<u>21061801</u>	<u>PLATE CONVEYOR END COVER</u>	<u>0.00000</u>
<u>000326</u>	<u>30183173</u>	<u>KIT FASTENERS FOR FIELD</u> <u>INSTALLATION OF CONVEYOR</u> <u>SECTIONS</u>	<u>1.00000</u>



UNLESS OTHERWISE NOTED, STANDARD TOLERANCES: ANGLES: ± 1° TOTAL RUNOUT FLATNESS: ± 1/16" PER FT. FRACTIONS: 1/32" DECIMALS: .XX ± .015" X ± .060" XXX ± .005" X ± .030" XXXX ± .001"		Lantech TITLE CONVEYOR BED ASM 6-52-SS STD OR RVS FLOW 71.25 LENGTH 19X ROLLERS 2X LEG MOUNTS	
REFERENCE 30023315	MATERIAL ENGINEER	DRAWING NUMBER 30089694	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.	SCALE 3=16	DATE 9/1/2004	SHEET 1 OF 1

Item Number: CW0004
Part Number: 30026063
Part Description: CONVEYOR DRIVE ASSY 60 FPM/1 HP/SS/VA STYLE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30011578</u>	<u>REDUCER BMQ 821-15-3-56C</u>	<u>1.00000</u>
<u>000002</u>	<u>31037510</u>	<u>MOTOR 1HP 208-230/460VAC 3.1-3/1.5FLA 3PH 1750RPM@60HZ 56C INV</u> <u>READY -FOOTLESS - SUPER E/ NEMA</u> <u>PREMIUM EFFICIENCY</u>	<u>1.00000</u>
<u>000003</u>	<u>21103284</u>	<u>SPROCKET 40B16 1B W/KY 2SS</u>	<u>1.00000</u>
<u>000005</u>	<u>21106198</u>	<u>CHAIN RLR #40-1 55P + 1CL</u>	<u>1.00000</u>
<u>000006</u>	<u>30042012</u>	<u>GUARD CONVEYOR CHAIN</u>	<u>1.00000</u>
<u>000007</u>	<u>21070403</u>	<u>PLATE CONVEYOR REDUCER MOUNT</u> <u>SS/CS/TS</u>	<u>1.00000</u>



Item Number: CW0017
 Part Number: 30048035
 Part Description: LABEL KIT INSTALLATION MOTORIZED CONVEYOR 10 FT TO 15 FT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30244091</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT WALK ON CONVEYOR' (SIZE</u> <u>= 16.25 X 1.50)</u>	<u>3.00000</u>
<u>000002</u>	<u>30116758</u>	<u>LABEL LOGO 'LANTECH' 'MADE IN</u> <u>THE USA' (SIZE = 4.00 X 1.00)</u>	<u>1.00000</u>
<u>000003</u>	<u>30022939</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'DO NOT USE MACHINE IN EXPLOSIVE</u> <u>ENVIRONMENT' (SIZE = 6.63 X 3.63)</u>	<u>2.00000</u>
<u>000004</u>	<u>30027592</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT OPERATE WITHOUT GUARD</u> <u>IN PLACE' (SIZE = 3.44 X 3.31)</u>	<u>1.00000</u>
<u>000005</u>	<u>30022972</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT WALK ON CONVEYORS' (SIZE</u> <u>= 9.81 X 3.64)</u>	<u>3.00000</u>
<u>000007</u>	<u>30049602</u>	<u>LABEL NOTICE 'CHECK MACHINE</u> <u>VOLTAGES BEFORE STARTING'</u> <u>(OBSOLETE 30022994)</u>	<u>1.00000</u>
<u>000008</u>	<u>30064021</u>	<u>LABEL SAFETY INSTRUCTIONS USE</u> <u>COPPER WIRE ONLY. USE 60 DEGREE</u> <u>C INSULATION. TORQUE TERMINAL</u> <u>SCREWS TO 6 IN-LBS. (REPLACES</u> <u>LABEL 30022984)</u>	<u>1.00000</u>
<u>000009</u>	<u>30022971</u>	<u>LABEL DANGER 'WIRES MAY BE LIVE</u> <u>-CHECK INTERFACE WIRING'</u>	<u>1.00000</u>
<u>000010</u>	<u>30022995</u>	<u>LABEL WARNING 'UNAUTHORIZED</u> <u>CHANGES MAY CREATE SAFETY</u> <u>HAZARDS AND VOID WARRANTY'</u>	<u>1.00000</u>
<u>000011</u>	<u>30022940</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'HIGH VOLTAGE DISCONNECT POWER</u> <u>BEFORE SERVICING' (SIZE = 3.44 X</u> <u>5.81)</u>	<u>1.00000</u>
<u>000012</u>	<u>30022970</u>	<u>LABEL ISO CAUTION 'LIGHTNING</u> <u>BOLT FOR ELECTRICAL HAZARD'</u> <u>(SIZE = 3.55 X 3.17 SHAPE =</u> <u>TRIANGLE)</u>	<u>1.00000</u>
<u>000014</u>	<u>30049603</u>	<u>LABEL NOTICE 'GROUND YOURSELF</u> <u>PRIOR TO TOUCHING PC BOARDS'</u> <u>(OBSOLETE 30023002)</u>	<u>1.00000</u>

A

B

C

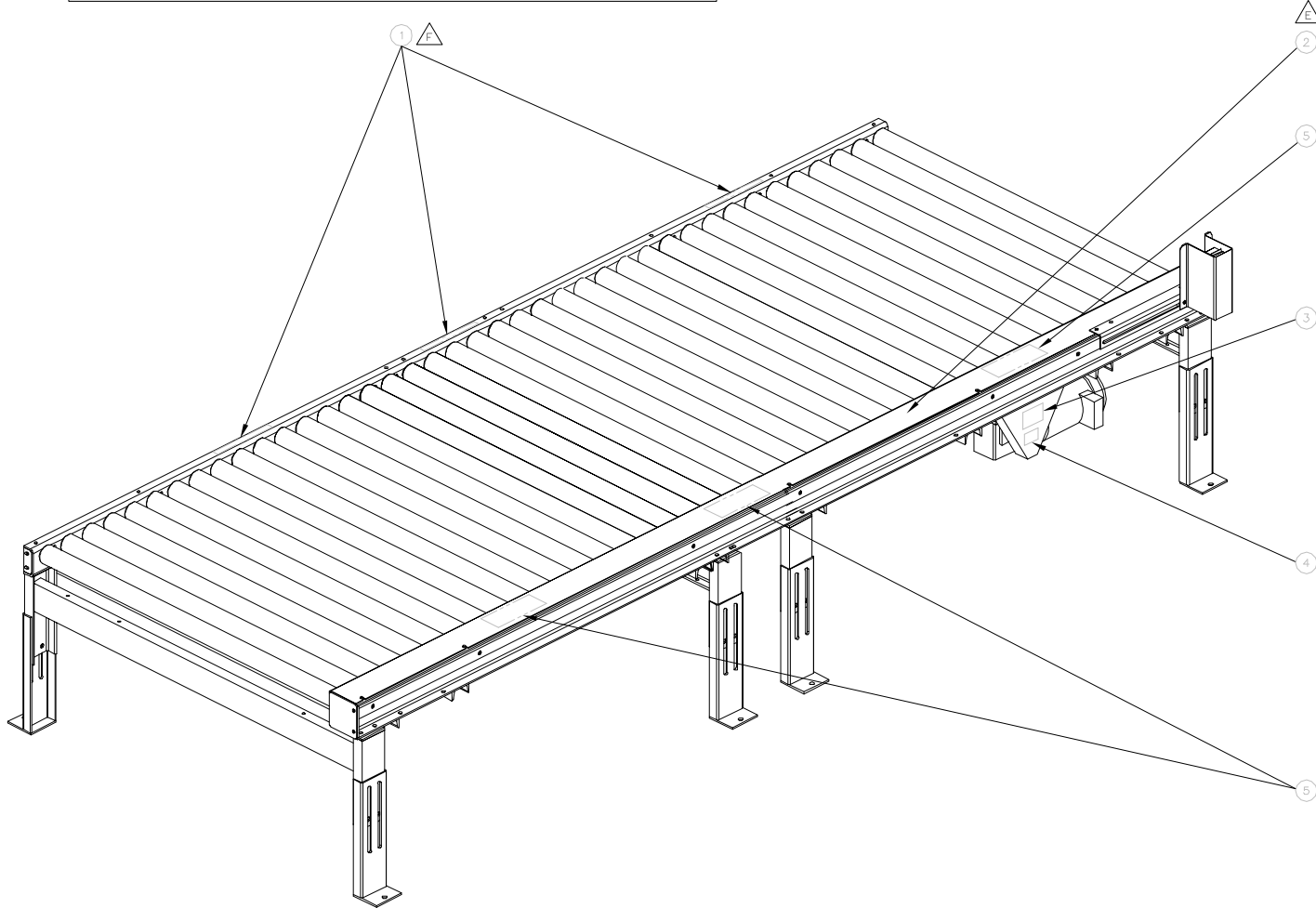
D

E

F

**WARNING** Risk of Serious Injury

Conveyors may start automatically.
DO NOT walk or sit on conveyor.
KEEP hands and feet AWAY.



**DANGER** Risk of Serious Injury or Death

Machine motors or film may spark.
DO NOT use machine in explosive environments.

30022939

**WARNING** Risk of Serious Injury

DO NOT operate without guard in place.

30027592



WARNING Risk of Serious Injury

Conveyors start automatically.
DO NOT walk or sit on conveyors.
KEEP hands and feet AWAY.

30022972

OPTIONAL ELECTRICAL CONTROL ENCLOSURE LABELS ARE LOCATED ON SHEET 2.

MODULE CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP. ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS MAY BE NECESSARY TO COMPLETE THE MACHINE. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS.

ECN# REMOVED ITEM #6, 31033960, MACHINE	ECN# REPLACED LABELS	ECN# UPDATED LABELS, SEE ECN FOR MORE	ECN# REPLACED 30022983 WITH 30039845
029041 D LABEL	018561	009625 DETAILS	006624 30022984 WITH 30064021
INT:MRM DATE: 19 FEB 2010	C INT:WCR DATE: 09 MAY 2006	B INT:MRM DATE: 08 DEC 2003	A INT:MRM DATE: 13 FEB 2003

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm .000"$
...XX $\pm .015"$
...XXX $\pm .005"$
...XXXX $\pm .001"$

ECN# REPLACE 30027590 ITEM #11 WITH 721215 30244091	ECN# ITEM #2, 30116758, WAS 31038175 033850
F INT:DJF DATE: 9/29/2020	E INT:MRM DATE: 04 JAN 2012
TITLE LABEL KIT INSTALLATION	CONVEYOR 10 FT TO 15 FT
DRAWN BY WCR	ENGINEER —
DATE 10/23/00	SCALE NTS
SHEET 1	OF 2
SIZE D	DWG 30048035

A

NOTICE

To avoid machine damage, check voltages as indicated on drawings before starting machine.

30049602



7

SAFETY INSTRUCTIONS

Use copper wire ONLY. Use 60 °C insulation.
Torque terminal screws to 6 in-lbs.

30064021

8

B

WARNING

Risk of Serious Injury

Unauthorized changes to this machine may create safety hazards and void warranty. For assistance, call Service Engineer at 800-866-0322.

30022995

10

C

D

DANGER

Risk of Serious Injury or Death

WIRES MAY BE LIVE. Check interface wiring for voltage BEFORE service.

30022971

9

E

F

IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE INTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

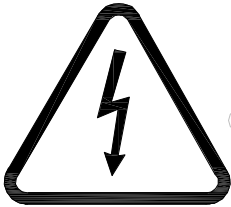
DANGER

Risk of Serious Injury or Death

Machine motors or film may spark. DO NOT use machine in explosive environments.

30022939

3



12

30022970

DANGER

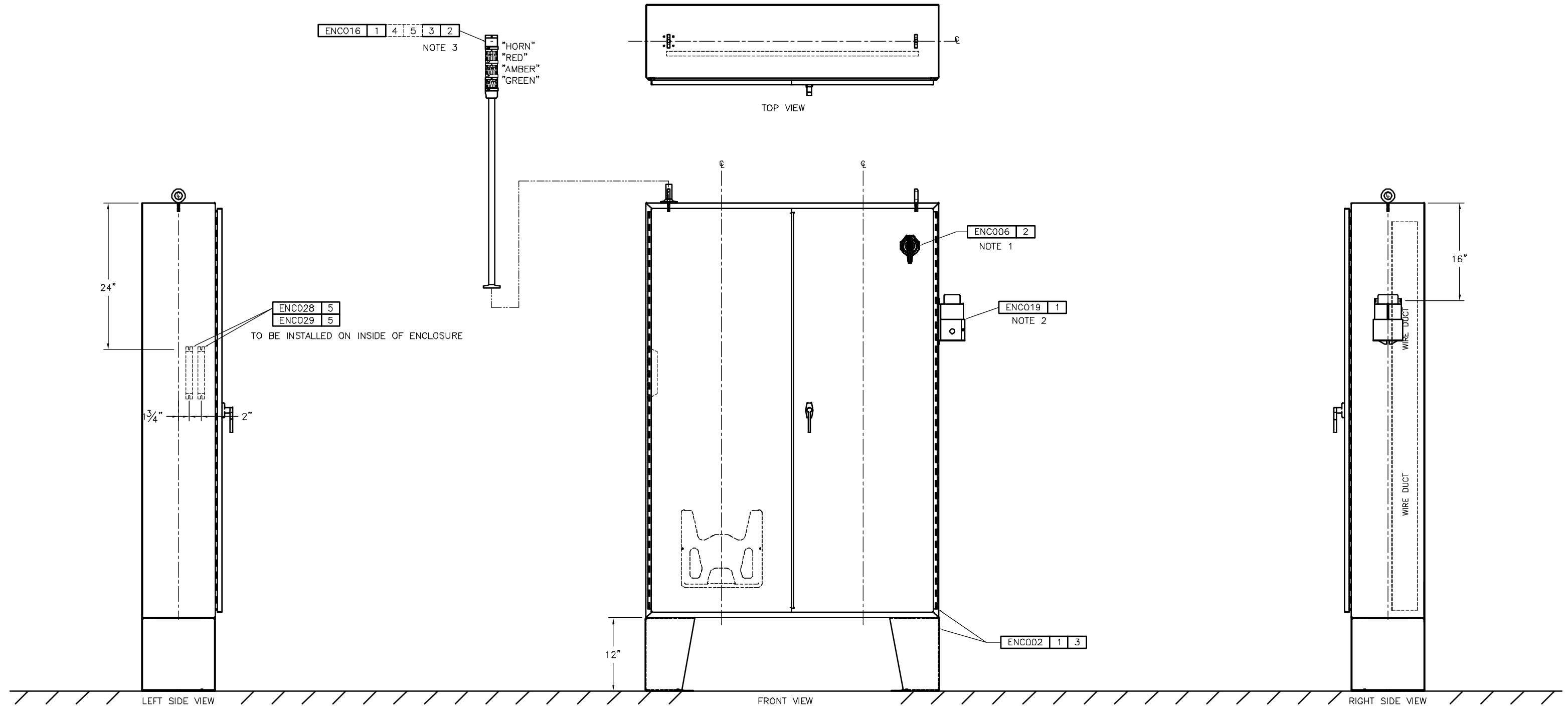
Risk of Serious Injury or Death

HIGH VOLTAGE
Disconnect power BEFORE servicing.

30022940

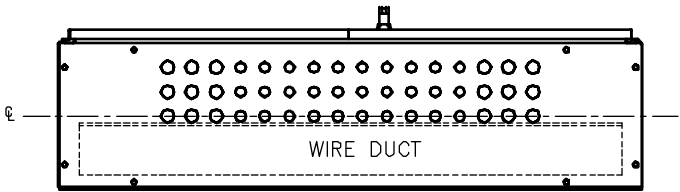
11

IF THIS MODULE IS SOLD AS AN OPTION WITHOUT A MACHINE LEVEL PRODUCT, THEN THESE LABELS SHALL BE INSTALLED ON THE EXTERIOR DOOR PANEL OF THE MAIN ELECTRICAL CONTROL ENCLOSURE WHICH IS SUPPLYING POWER TO THIS MODULE. THE INSTALLATION POSITION OF THESE LABELS MAY VARY DUE TO THE LAYOUT OF THE EXISTING ELECTRICAL CONTROL ENCLOSURE.

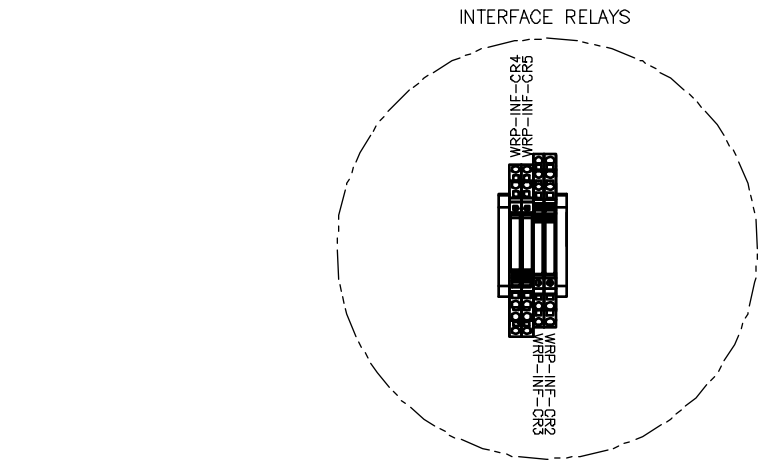
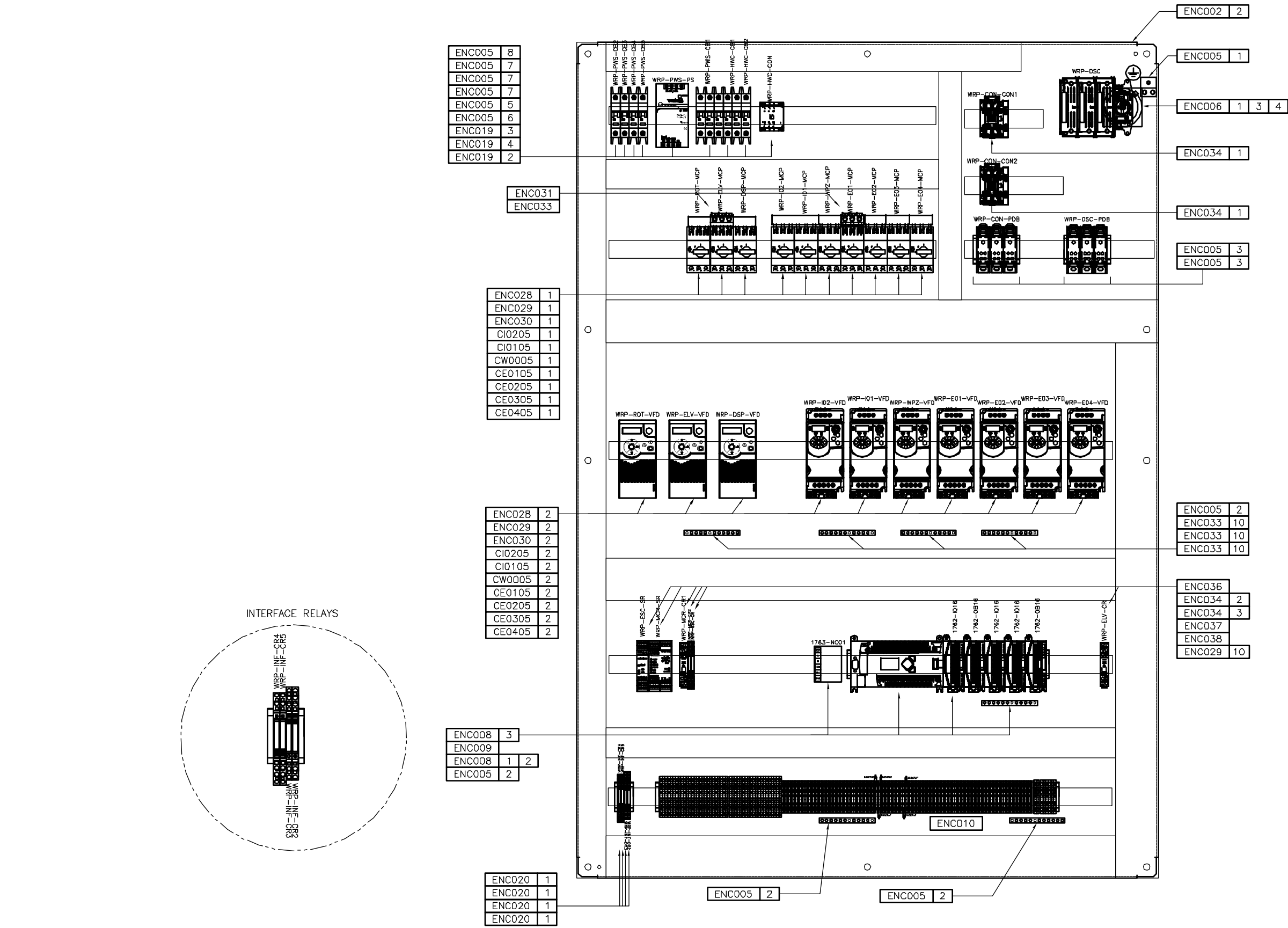


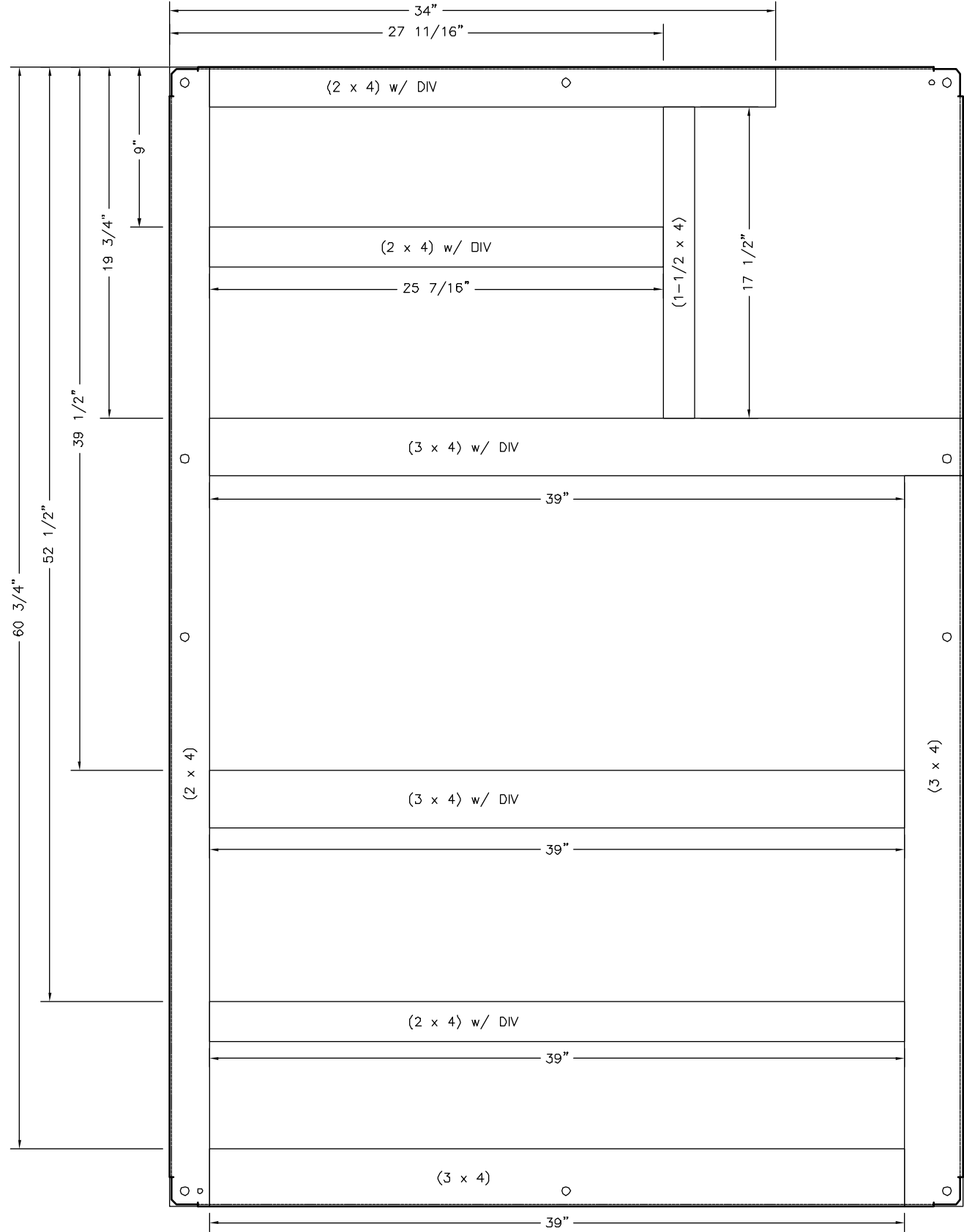
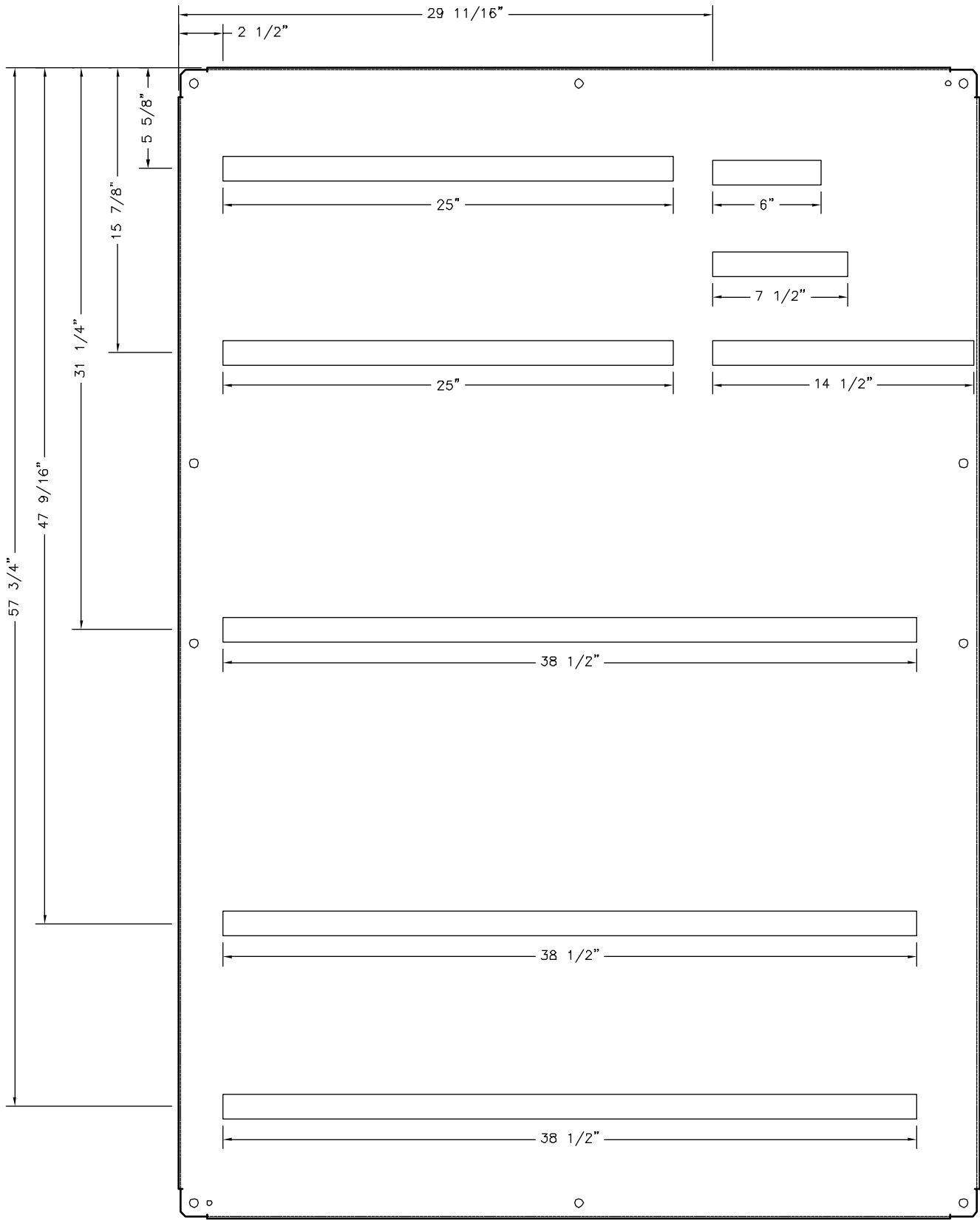
NOTES:

1. LOCATE DISCONNECT OPERATING HANDLE AFTER DISCONNECT HAS BEEN INSTALLED.
2. USE DEVICE AS TEMPLATE TO MATCH DRILL MTG HOLES.
3. ONCE ENCLOSURE IS MOUNTED, REMOVE LIFT EYES TO ALLOW MACHINE POWER & BEACON TO BE MOUNTED.
4. USE HUBS OR FITTINGS WITH THE SAME ENVIROMENTAL RATING AS ENCLOSURE.
5. ANY PIGTAILS SHOULD EXTEND 18" FROM THE BOTTOM OF THE ENCLOSURE TO THEIR CONNECTORS



BOTTOM VIEW





NOTES:

1. LAYOUTS SHOWN ARE FOR FULLY OPTIONED MACHINES. ACTUAL PANEL PLATE MAY HAVE FEWER COMPONENTS THAN SHOWN.

Item Number: ENC002
Part Number: 30173181
Part Description: ENCLOSURE KIT L-SERIES 68 X 48 X 12 FLOOR MOUNTED W/ MACHINED ENCLOSURE / MACHINED PANEL PLATE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30148857</u>	<u>ENCLOSURE 68 X 48 X 12 / NEMA 12 /</u> <u>FOOT OR BACK MOUNT / 2 DOOR /</u> <u>MACHINED FOR L-SERIES / PAINTED</u> <u>LANTECH DARK GREY - IH235</u>	<u>1.00000</u>
<u>000002</u>	<u>30148858</u>	<u>ENCLOSURE PANEL PLATE 68X48 L-</u> <u>SERIES GALVANIZED MACHINED</u>	<u>1.00000</u>
<u>000003</u>	<u>30173180</u>	<u>ENCLOSURE LEG 12H X 12D FORMED</u> <u>STEEL PAINTED LANTECH TEXTURED</u> <u>GRAY PPMT2690S</u>	<u>1.00000</u>

Item Number: ENC005
 Part Number: 30210152
 Part Description: KIT PANEL PLATE COMPONENTS/ 2 PDB'S/ A-B 20A 24VDC PWR SUPPLY/ 3A 3P CB AND UL489 BREAKERS
 OUTPUT

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31053520</u>	<u>TERMINAL GROUND LUG TWO</u> <u>CONDUCTOR 1/0-#14AWG UL and</u> <u>CSA</u>	<u>1.00000</u>
<u>000002</u>	<u>30021844</u>	<u>TERMINAL GROUND BAR 10 POSITION</u>	<u>4.00000</u>
<u>000003</u>	<u>31062980</u>	<u>KIT 175 AMP FINGERSAFE POWER</u> <u>DISTRIBUTION BLOCK UL1953 1 LINE /</u> <u>4 LOAD (3-POLE)</u>	<u>2.00000</u>
<u>000005</u>	<u>31041906</u>	<u>POWER SUPPLY ENCLOSED ALLEN-</u> <u>BRADLEY 380-480VAC 3 PHASE INPUT</u> <u>24VDC 20AMP DIN RAIL MOUNT UL508</u>	<u>1.00000</u>
<u>000006</u>	<u>30178626</u>	<u>CIRCUIT BREAKER 3 POLE 3 AMP 480</u> <u>VOLT C TRIP UL489 DIN MOUNT</u>	<u>1.00000</u>
<u>000007</u>	<u>30178608</u>	<u>CIRCUIT BREAKER 1 POLE 4 AMP 480</u> <u>VOLT C TRIP UL489 DIN MOUNT</u>	<u>3.00000</u>
<u>000008</u>	<u>30178644</u>	<u>CIRCUIT BREAKER 1 POLE 8 AMP 480</u> <u>VOLT C TRIP UL489 DIN MOUNT</u>	<u>1.00000</u>

Item Number: ENC005.000003
Part Number: 31062980
Part Description: KIT 175 AMP FINGERSAFE POWER DISTRIBUTION BLOCK UL1953 1 LINE / 4 LOAD (3-POLE)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30124760</u>	<u>TERMINAL POWER BLOCK 1P 600VAC</u> <u>175A 1 OPENING 2/0-#8 AWG LINE / 4</u> <u>OPENINGS #4-14 AWG LOAD</u>	<u>3.00000</u>
<u>000002</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>

Item Number: ENC006
Part Number: 31041980
Part Description: KIT DISCONNECT 60A CLASS J/ROTARY IEC STYLE/NFPA 79 INTERNAL INTERLOCK/BLACK HANDLE and 60A CLASS J FUSES FINGER SAFE

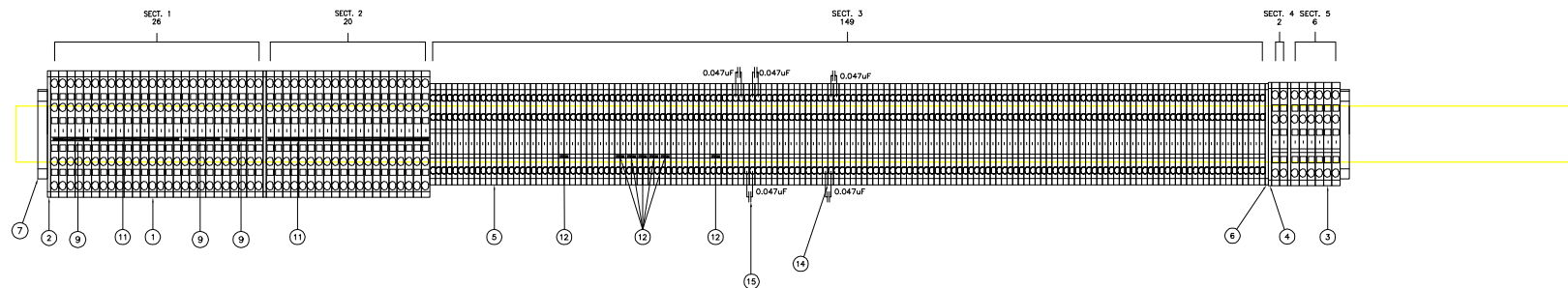
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31041924</u>	<u>DISCONNECT FUSIBLE DOOR MOUNT</u> <u>VARIABLE DEPTH 60A CLASS J</u> <u>FINGER SAFE</u>	<u>1.00000</u>
<u>000002</u>	<u>31050402</u>	<u>DISCONNECT OPERATING HANDLE</u> <u>DOOR MOUNT BLACK WITH</u> <u>DEFEATER and TEST MODE NEMA</u> <u>3R/3/12/4/4X</u>	<u>1.00000</u>
<u>000003</u>	<u>31050405</u>	<u>DISCONNECT OPERATING ROD</u> <u>21INCH W/NFPA 79 INTERNAL</u> <u>OPERATING HANDLE</u>	<u>1.00000</u>
<u>000004</u>	<u>C-007290</u>	<u>FUSE CLASS J 600VAC 60A</u>	<u>3.00000</u>

Item Number: ENC008
Part Number: 30150054
Part Description: PLC KIT AB MICROLOGIX 1400/3-16PT DIGITAL INPUT/2-16PT DIGITAL OUTPUT W/CABLE CHANNEL 0 (8-PIN DIN) TO RS-485 (6-PIN PHOENIX)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31012454</u>	<u>PLC INPUT DIGITAL 16 24VDC</u> <u>SINK/SOURCE</u>	<u>3.00000</u>
<u>000002</u>	<u>31012457</u>	<u>PLC OUTPUT DIGITAL 16 24VDC</u> <u>TRANSISTOR SOURCE</u>	<u>2.00000</u>
<u>000003</u>	<u>31062246</u>	<u>PLC CABLE MICROLOGIX 1100</u> <u>CHANNEL 0 (8-PIN DIN) TO RS-485 (6-</u> <u>PIN PHOENIX)</u>	<u>1.00000</u>
<u>000004</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000099</u>	<u>30104961</u>	<u>DRIVE ACCESSORY DSI RJ45</u> <u>TERMINAL BLOCK KIT--1 PKG HAS 6</u>	<u>15.00000</u>

Item Number: ENC010
 Part Number: 30236486
 Part Description: KIT SL ENCLOSURE TERMINAL ASSEMBLY ALLEN BRADLEY 1492-L SPRING-CLAMP

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31035398</u>	<u>TERMINAL BLOCK GREY SPRING</u> <u>CLAMP 4 POINTS 30-12AWG</u>	<u>46.00000</u>
<u>000002</u>	<u>30132409</u>	<u>TERMINAL END SECTION YELLOW</u> <u>FOR 1492-L3Q</u>	<u>2.00000</u>
<u>000003</u>	<u>31035395</u>	<u>TERMINAL BLOCK GREY SPRING</u> <u>CLAMP 3 POINTS 30-12AWG</u>	<u>8.00000</u>
<u>000004</u>	<u>30132402</u>	<u>TERMINAL END SECTION YELLOW</u> <u>FOR 1492-L3T</u>	<u>2.00000</u>
<u>000005</u>	<u>31048878</u>	<u>TERMINAL BLOCK GREY SPRING</u> <u>CLAMP 3 POINTS 26-14AWG</u>	<u>146.00000</u>
<u>000006</u>	<u>30132401</u>	<u>TERMINAL END SECTION YELLOW</u> <u>FOR 1492-L2T</u>	<u>1.00000</u>
<u>000007</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000009</u>	<u>31053663</u>	<u>TERMINAL JUMPER 5 POLE FOR</u> <u>1492-L3 SERIES</u>	<u>3.00000</u>
<u>000011</u>	<u>30108356</u>	<u>TERMINAL JUMPER 50 POLE FOR</u> <u>1492-L3 SERIES BLOCKS</u>	<u>1.00000</u>
<u>000012</u>	<u>30132404</u>	<u>TERMINAL JUMPER 2 POLE FOR</u> <u>1492-L2 SERIES BLOCKS</u>	<u>7.00000</u>
<u>000014</u>	<u>30132403</u>	<u>TERMINAL BLOCK GREEN SPRING</u> <u>CLAMP 3 POINTS 28-16AWG</u> <u>GROUNDING</u>	<u>3.00000</u>
<u>000015</u>	<u>30159884</u>	<u>CAPACITOR 0.047UF AXIAL LEAD</u>	<u>5.00000</u>



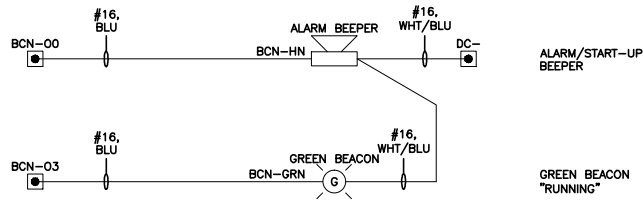
Item Number: ENC016
Part Number: 31036539
Part Description: KIT STACK LIGHT MTG BASE 80CM EXTENSION GREEN LED LIGHT and SOUND MODULE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31014674</u>	<u>BEACON PIEZO SOUND MODULE 24 AC/DC</u>	<u>1.00000</u>
<u>000002</u>	<u>31008548</u>	<u>BEACON MOUNTING BASE 80CM EXTENSION TUBE and GASKET</u>	<u>1.00000</u>
<u>000003</u>	<u>31019394</u>	<u>BEACON LIGHT MODULE GREEN STEADY LED 24V AC/DC</u>	<u>1.00000</u>

BEACON KIT – BCN

BOM ITEM:

ENC016



Item Number: ENC019
Part Number: 30220853
Part Description: KIT HOT WIRE CUTTER CONTROLS FOR UP TO 30IN HOT WIRE W/ A-B UL489 BREAKER / 9A CONTACTOR / NO
TERMINALS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31008914</u>	<u>TRANSFORMER SINGLE PHASE 500VA</u> <u>240X480V 12/24V 50/60HZ</u>	<u>1.00000</u>
<u>000002</u>	<u>30122899</u>	<u>CONTACTOR 24VDC 9A 1NC AUX</u> <u>DIODE COIL (AB 100-K)</u>	<u>1.00000</u>
<u>000003</u>	<u>30178611</u>	<u>CIRCUIT BREAKER 2 POLE 2 AMP 480</u> <u>VOLT D TRIP UL489 DIN MOUNT</u>	<u>1.00000</u>
<u>000004</u>	<u>30178650</u>	<u>CIRCUIT BREAKER 1 POLE 15 AMP</u> <u>480 VOLT D TRIP UL489 DIN MOUNT</u>	<u>1.00000</u>

Item Number: ENC020
Part Number: 30150064
Part Description: KIT RELAYS INTERFACE 4 SPDT A-B 700-HL W/INDICATORS

Item	Part#	Description	Qty
<u>000001</u>	<u>30124736</u>	<u>RELAY GENERAL PURPOSE</u> <u>ELECTROMECHANICAL RELAY</u> <u>OUTPUT 300VAC-6A/24VDC-1A SPDT</u> <u>W/ SPRING CLAMP CONNECTIONS</u> <u>24VDC COIL 700-TBR24</u>	<u>4.00000</u>
<u>000002</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>

Item Number: ENC028
Part Number: 30183666
Part Description: KIT AB POWERFLEX 525 3HP 380-480VAC W/ MCP / BRAKE RESISTOR

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31021920</u>	<u>STARTER MOTOR</u> <u>COMBINATION/CIRCUIT BREAKER</u> <u>OVERLOAD 6.3-10A CURRENT TRIP</u>	<u>1.00000</u>
<u>000002</u>	<u>31050069</u>	<u>DRIVE VARIABLE FREQUENCY</u> <u>POWERFLEX 525 3HP 380-480VAC</u> <u>FRAME A</u>	<u>1.00000</u>
<u>000005</u>	<u>31063688</u>	<u>DRIVE ACCESSORY DYNAMIC BRAKE</u> <u>RESISTOR 300W 100 OHM UL</u> <u>EXTRUDED ALUM</u>	<u>1.00000</u>

Item Number: ENC029
Part Number: 30183665
Part Description: KIT AB POWERFLEX 525 2HP 380-480VAC W/ MCP / BRAKE RESISTOR / SLIM LINE RELAY

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31011019</u>	<u>STARTER MOTOR</u> <u>COMBINATION/CIRCUIT BREAKER 4-</u> <u>6.3A</u>	<u>1.00000</u>
<u>000002</u>	<u>31050066</u>	<u>DRIVE VARIABLE FREQUENCY</u> <u>POWERFLEX 525 2HP 380-480VAC</u> <u>FRAME A</u>	<u>1.00000</u>
<u>000005</u>	<u>31063688</u>	<u>DRIVE ACCESSORY DYNAMIC BRAKE</u> <u>RESISTOR 300W 100 OHM UL</u> <u>EXTRUDED ALUM</u>	<u>1.00000</u>
<u>000010</u>	<u>31063541</u>	<u>KIT RELAY 24VDC COIL 16A SPDT 5P</u> <u>SLIM LINE W/INDICATOR AND DIODE</u>	<u>1.00000</u>

Item Number: ENC029.000010
Part Number: 31063541
Part Description: KIT RELAY 24VDC COIL 16A SPDT 5P SLIM LINE W/INDICATOR AND DIODE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30010607</u>	<u>RELAY GENERAL PURPOSE 24VDC</u> <u>COIL 240VAC/30VDC 10A SPDT 5P</u> <u>SLIM LINE W/ INDICATOR</u>	<u>1.00000</u>
<u>000002</u>	<u>31035309</u>	<u>RELAY SOCKET 5P DIN RAIL MOUNT</u> <u>SLIM LINE 16A SPDT</u>	<u>1.00000</u>
<u>000003</u>	<u>31063287</u>	<u>RELAY GENERAL PURPOSE</u> <u>ACCESSORY DIODE SURGE</u> <u>SUPPRESSOR MODULE 6-220V DC</u> <u>USED WITH 700-HN204 /700-HN205</u> <u>/700-HN221 /700-HN222 SOCKETS</u>	<u>1.00000</u>

Item Number: ENC030
Part Number: 30183667
Part Description: KIT AB POWERFLEX 525 2HP 380-480VAC W/ MCP

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31011019</u>	<u>STARTER MOTOR</u> <u>COMBINATION/CIRCUIT BREAKER 4-</u> <u>6.3A</u>	<u>1.00000</u>
<u>000002</u>	<u>31050066</u>	<u>DRIVE VARIABLE FREQUENCY</u> <u>POWERFLEX 525 2HP 380-480VAC</u> <u>FRAME A</u>	<u>1.00000</u>

Item Number: ENC031
Part Number: 30150033
Part Description: KIT COMMONING LINKS FOR THE 3 MAIN WRAPPER DRIVES (AB 140M-C FRAME SYSTEM)

Item	Part#	Description	Qty
<u>000001</u>	<u>30153823</u>	<u>STARTER MOTOR PROTECTOR</u> <u>COMMONING LINK FEEDER TERMINAL</u>	<u>1.00000</u>
<u>000002</u>	<u>30153825</u>	<u>STARTER MOTOR PROTECTOR 3</u> <u>POSITION COMMONING LINK 45MM</u> <u>SPACING</u>	<u>1.00000</u>

Item Number: ENC033
Part Number: 30190588
Part Description: KIT COMMONING LINKS FOR A 7 AB 140-C FRAME SYSTEM FOR VFD

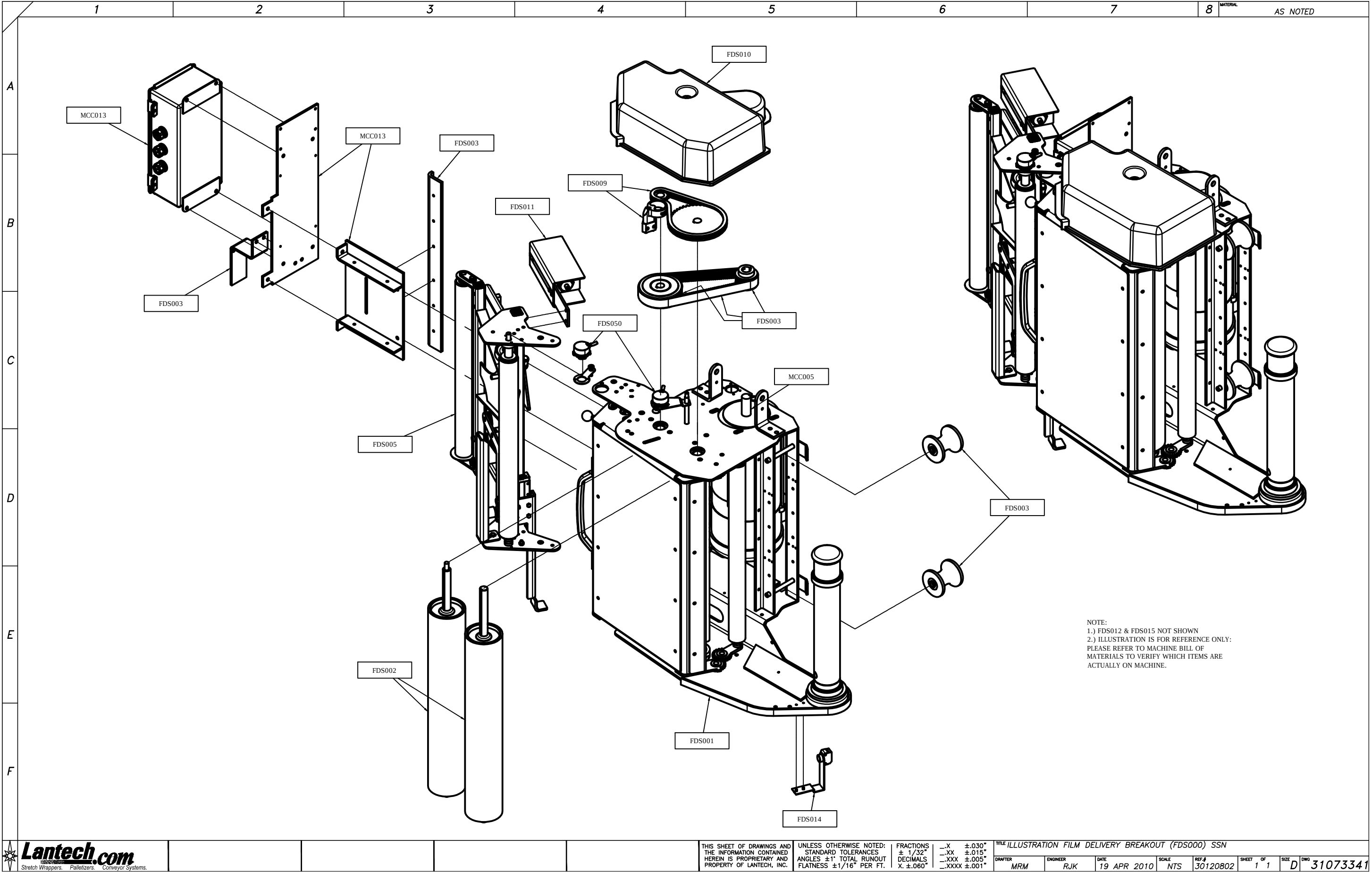
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30153823</u>	<u>STARTER MOTOR PROTECTOR COMMONING LINK FEEDER TERMINAL</u>	<u>1.00000</u>
<u>000002</u>	<u>30153827</u>	<u>STARTER MOTOR PROTECTOR 5 POSITION COMMONING LINK 45MM SPACING</u>	<u>1.00000</u>
<u>000003</u>	<u>30153825</u>	<u>STARTER MOTOR PROTECTOR 3 POSITION COMMONING LINK 45MM SPACING</u>	<u>1.00000</u>
<u>000010</u>	<u>30021844</u>	<u>TERMINAL GROUND BAR 10 POSITION</u>	<u>3.00000</u>

Item Number: ENC034
Part Number: 30220857
Part Description: KIT (60A DISCONNECT USED) - (2) 43A 100-S AB CONTACTORS (1) SAFETY RELAY WITH DELAYED OUTPUTS and CPU SHUTDOWN RELAY

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30165417</u>	<u>CONTACTOR 24VDC 43A 3 POLE 3</u> <u>N.O. 2 N.C. AUX SAFETY LINE SIDE</u> <u>COIL and INTERGRATED DIODE</u>	<u>2.00000</u>
<u>000002</u>	<u>30095810</u>	<u>RELAY SAFETY 24V AC/DC 2 NO</u> <u>IMMEDIATE OUTPUTS /2NO 1NC 0.15-</u> <u>3S DELAYED OUTPUT /45MM CASE</u> <u>(MINOTAUR MSR138.1DP)</u>	<u>1.00000</u>
<u>000003</u>	<u>30164913</u>	<u>KIT RELAY SAFETY 24VDC COIL 8A</u> <u>DPDT 2P (SILVER CONTACTS) SLIM</u> <u>LINE</u>	<u>1.00000</u>

Item Number: ENC034.000003
Part Number: 30164913
Part Description: KIT RELAY SAFETY 24VDC COIL 8A DPDT 2P (SILVER CONTACTS) SLIM LINE

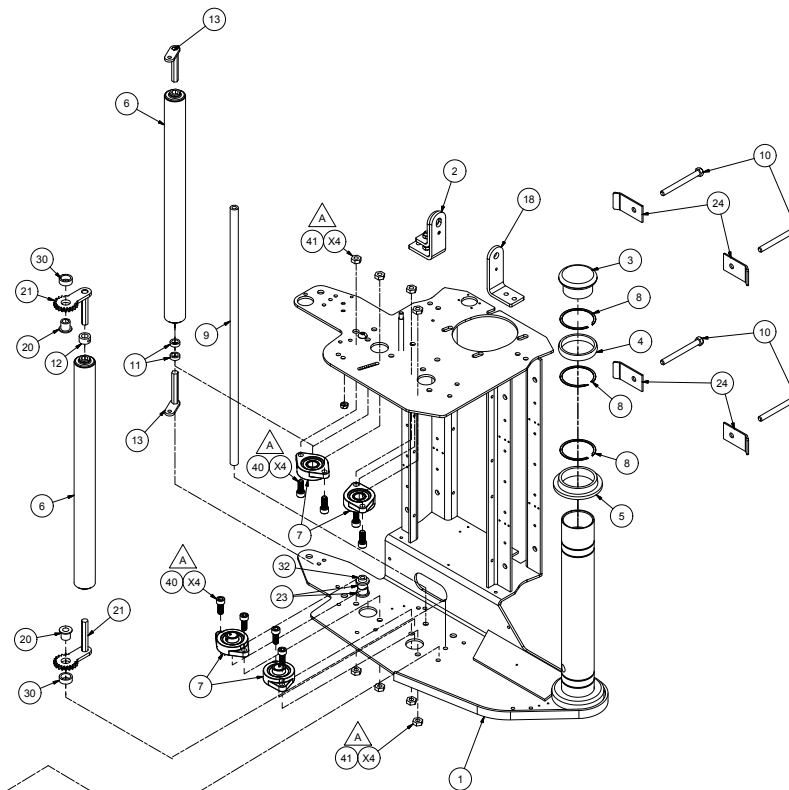
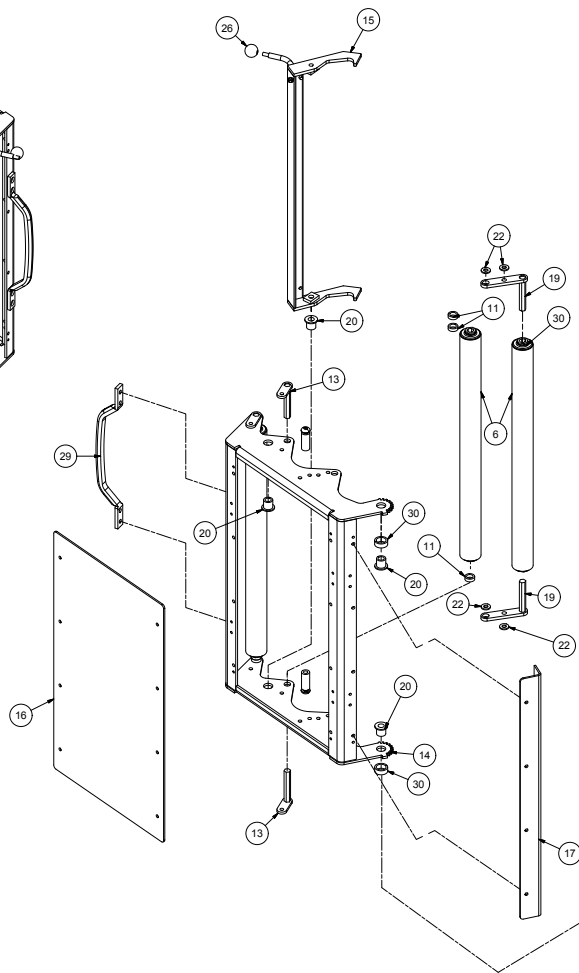
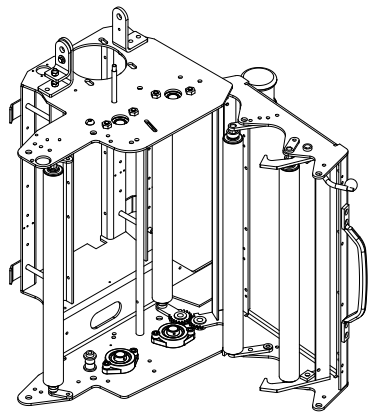
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30164911</u>	<u>RELAY SAFETY CONTROL 24VDC</u> <u>COIL 277VAC/24VDC 8A DPDT 2P</u> <u>(SILVER CONTACTS) SLIM LINE</u>	<u>1.00000</u>
<u>000002</u>	<u>30164912</u>	<u>RELAY SOCKET 2P DIN RAIL MOUNT</u> <u>SLIM LINE 8A DPDT</u>	<u>1.00000</u>
<u>000003</u>	<u>31051971</u>	<u>RELAY ACCESSORY RETAINER /</u> <u>EJECTION LEVER FOR 700-HN123</u> <u>SOCKETS</u>	<u>1.00000</u>
<u>000004</u>	<u>31063287</u>	<u>RELAY GENERAL PURPOSE</u> <u>ACCESSORY DIODE SURGE</u> <u>SUPPRESSOR MODULE 6-220V DC</u> <u>USED WITH 700-HN204 /700-HN205</u> <u>/700-HN221 /700-HN222 SOCKETS</u>	<u>1.00000</u>



Item Number: FDS001
 Part Number: 30166587
 Part Description: FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30133325</u>	<u>FILM DELIVERY SYSTEM FAB 20IN S-15/25/3500 STD FLOW V2</u>	<u>1.00000</u>
<u>000002</u>	<u>30160004</u>	<u>MOUNT ADJUSTABLE FDS ROLLER</u>	<u>1.00000</u>
<u>000003</u>	<u>30004184</u>	<u>CAP FDS FILM POST TUBE</u>	<u>1.00000</u>
<u>000004</u>	<u>30124570</u>	<u>BEARING FDS ROLL POST</u>	<u>1.00000</u>
<u>000005</u>	<u>30124569</u>	<u>BEARING FLANGE FDS FILM CORE</u>	<u>1.00000</u>
<u>000006</u>	<u>30181443</u>	<u>ROLLER IDLER ASM 1-5/8 OD X 20-3/4 FDS 20</u>	<u>4.00000</u>
<u>000007</u>	<u>30052344</u>	<u>BEARING FLANGE 3/4IN CAST IRON HOUSING 3MM CAP SET SCREW 2 BOLT NO LUBE (+32¼ TO 176¼F) AMBIENT TEMPERATURE RANGE</u>	<u>4.00000</u>
<u>000008</u>	<u>30159923</u>	<u>RETAINING RING EXTERNAL FOR 2.50 OD SHAFT 2.366 ID X 0.078 THICK CARBON STEEL</u>	<u>3.00000</u>
<u>000009</u>	<u>30127568</u>	<u>POST SUPPORT 20 FOR POWER ROLLER STRETCH WITH M10 WASHER</u>	<u>1.00000</u>
<u>000010</u>	<u>P-SH1100</u>	<u>FASTENER BOLT M10 X 1.5 X 100MM HEX HEAD CLASS 8.8</u>	<u>4.00000</u>
<u>000011</u>	<u>40402297</u>	<u>SPACER CYL NYLON .75 OD IN X .125 IN WALL THICKNESS X .25 IN LG</u>	<u>7.00000</u>
<u>000012</u>	<u>30225172</u>	<u>COLLAR SHAFT 13MM DIA BORE 1 M6 SET SCREW ZINC PLATED</u>	<u>1.00000</u>
<u>000013</u>	<u>40402240</u>	<u>SUPPORT FAB FDS IDLER ROLLER</u>	<u>4.00000</u>
<u>000014</u>	<u>30049054</u>	<u>FILM DELIVERY SYSTEM FAB 20 GATE S-SERIES STD/RVS W/IDLER</u>	<u>1.00000</u>
<u>000015</u>	<u>30006646</u>	<u>FILM DELIVERY SYSTEM FAB 20 S-SERIES STD FLOW LATCH FRAME</u>	<u>1.00000</u>
<u>000016</u>	<u>30000586</u>	<u>GUARD FDS DOOR SHIELD 20 IN</u>	<u>1.00000</u>
<u>000017</u>	<u>30000798</u>	<u>ANGLE FORMED FDS 20IN GATE SIDE</u>	<u>1.00000</u>
<u>000018</u>	<u>30003731</u>	<u>MOUNT BELT FDS</u>	<u>1.00000</u>
<u>000019</u>	<u>30046004</u>	<u>PLATE FAB PINCH ROLLER- 3/4IN WIDE</u>	<u>2.00000</u>
<u>000020</u>	<u>P-404232</u>	<u>BUSHING FLANGE 12MM ID X 18MM OD X 19MM X 25MM X 2MM BRONZE OIL FILLED</u>	<u>6.00000</u>
<u>000021</u>	<u>30002769</u>	<u>SUPPORT FAB FDS PIVOT IDLER FRAME</u>	<u>2.00000</u>

<u>000022</u>	<u>P-WN0800</u>	<u>WASHER FLAT 8MM NYLON -- 8.4MM ID 18MM OD 1.870 - 2.130 MM THK</u>	<u>4.00000</u>
<u>000023</u>	<u>P-404231</u>	<u>BUSHING FLANGE 16MM ID X 19MM OD X 16MM LG X 25MM FLANGE OD X 3MM FLANGE THICKNESS BRONZE OIL FILLED</u>	<u>4.00000</u>
<u>000024</u>	<u>30034299</u>	<u>ANGLE FORMED FDS RETAINER</u>	<u>4.00000</u>
<u>000026</u>	<u>P-011337</u>	<u>KNOB BALL PLASTIC BLACK 1 DIA W/ 5/16-18 THREAD</u>	<u>1.00000</u>
<u>000027</u>	<u>P-404300</u>	<u>KEY 5MM X 5MM X 25MM STEEL ROUNDED ENDS TUMBLED</u>	<u>4.00000</u>
<u>000028</u>	<u>P-011135</u>	<u>SPRING EXTENSION STEEL 3.73LB/IN 0.0475 WIRE DIA X 2-1/2 X 0.437 OD</u>	<u>1.00000</u>
<u>000029</u>	<u>30006520</u>	<u>HANDLE FENCE DOOR SLIDING LARGE</u>	<u>1.00000</u>
<u>000030</u>	<u>30010040</u>	<u>SPACER CYL NYLON 1 IN DIA X 3/8 IN LG PIVOT IDLER</u>	<u>4.00000</u>
<u>000032</u>	<u>30120771</u>	<u>TUBE DOOR LATCH POST DANCER PIVOT</u>	<u>2.00000</u>
<u>000034</u>	<u>30057782</u>	<u>FASTENER BOLT HHS DIN 933 - M10 X 20 - 10.9 - FT - CZP</u>	<u>4.00000</u>
<u>000035</u>	<u>P-WF1000</u>	<u>WASHER FLAT NORMAL DIN 125A - M10 - CZP</u>	<u>2.00000</u>
<u>000036</u>	<u>P-WS1000</u>	<u>WASHER SPRING LOCK M10 STEEL</u>	<u>2.00000</u>
<u>000037</u>	<u>31011238</u>	<u>FASTENER BOLT HHS DIN 933 - M8 X 20 - 10.9 - FT - CZP</u>	<u>1.00000</u>
<u>000038</u>	<u>P-NH0800</u>	<u>FASTENER NUT HEX DIN 934 - M8 - 10 - CZP</u>	<u>1.00000</u>
<u>000039</u>	<u>P-WS0800</u>	<u>WASHER SPRING LOCK M8 STEEL</u>	<u>1.00000</u>
<u>000040</u>	<u>30210604</u>	<u>FASTENER BOLT SHCS DIN 912 - M10 X 25 - 10.9 - FT - CZP</u>	<u>8.00000</u>
<u>000041</u>	<u>P-NH1000</u>	<u>FASTENER NUT HEX DIN 934 - M10 - 10 - CZP</u>	<u>8.00000</u>



MAIN ASSEMBLY

GATE ASSEMBLY

ECN # 716320
A INT. ACH DATE: 9/7/2016

UNLESS OTHERWISE NOTED, STANDARD TOLERANCES: ANGLES: $\pm 1^\circ$ TOTAL RUNOUT FLATNESS: $\pm 1/16"$ PER FT. FRACTIONS: $1/32"$ DECIMALS: .XX $\pm .015"$ X $\pm .060"$ XXX $\pm .005"$ X $\pm .030"$ XXXX $\pm .001"$		Lantech TITLE FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER REFERENCE 30120780 MATERIAL ENGINEER RJK DATE 5/16/2013 DRAWING NUMBER 30166587 SHEET 1 OF 1	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.		SCALE NTS	

Item Number: FDS001.000002
Part Number: 30160004
Part Description: MOUNT ADJUSTABLE FDS ROLLER

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30160005</u>	<u>PLATE FORMED ADJUSTABLE FDS ROLLER MOUNT BASE</u>	<u>1.00000</u>
<u>000002</u>	<u>30160006</u>	<u>PLATE FORMED ADJUSTABLE FDS ROLLER MOUNT</u>	<u>1.00000</u>
<u>000003</u>	<u>P-SH0850</u>	<u>FASTENER BOLT M8X1.25 X 50MM HEX HEAD</u>	<u>1.00000</u>
<u>000004</u>	<u>P-NH0800</u>	<u>FASTENER NUT HEX DIN 934 - M8 - 10 - CZP</u>	<u>2.00000</u>
<u>000005</u>	<u>P-SH0616</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X 16 - 8.8 - FT - CZP</u>	<u>1.00000</u>
<u>000006</u>	<u>30040493</u>	<u>WASHER FLAT LARGE DIN 9021B - M6 - CZP</u>	<u>1.00000</u>
<u>000007</u>	<u>31009039</u>	<u>FASTENER NUT HEX PREV TQU DIN 980 - M8 - 10 - CZP</u>	<u>1.00000</u>

D
C
B
A

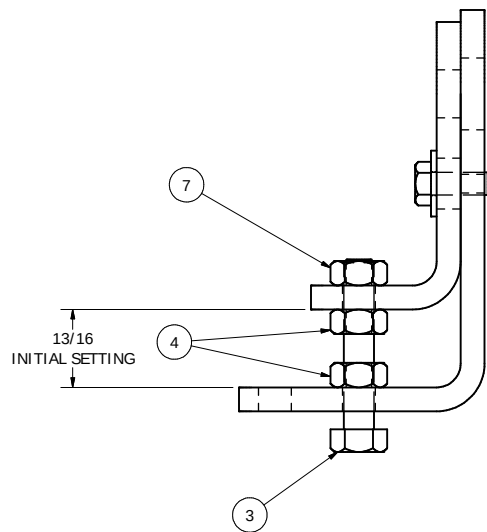
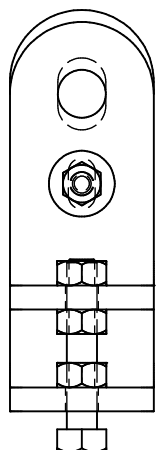
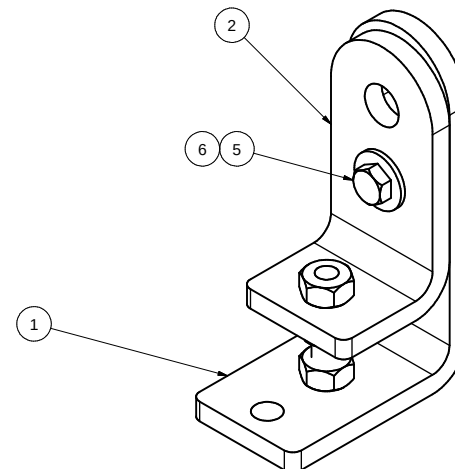
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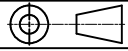
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2

1



INCHES THIRD ANGLE PROJECTION 			Lantech®		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			TITLE MOUNT ADJUSTABLE FDS ROLLER		
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X±.030 X.XX±.015 X.XXX±.005	FLATNESS ± 1/16 PER FOOT	REFERENCE NO. 30003731	MATERIAL	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SIZE C	DRAFTER RJK	ENGINEER RJK
SCALE 1=1			DATE 4/10/2013		DRAWING NUMBER 30160004
			SHEET	1	OF 1

4

3

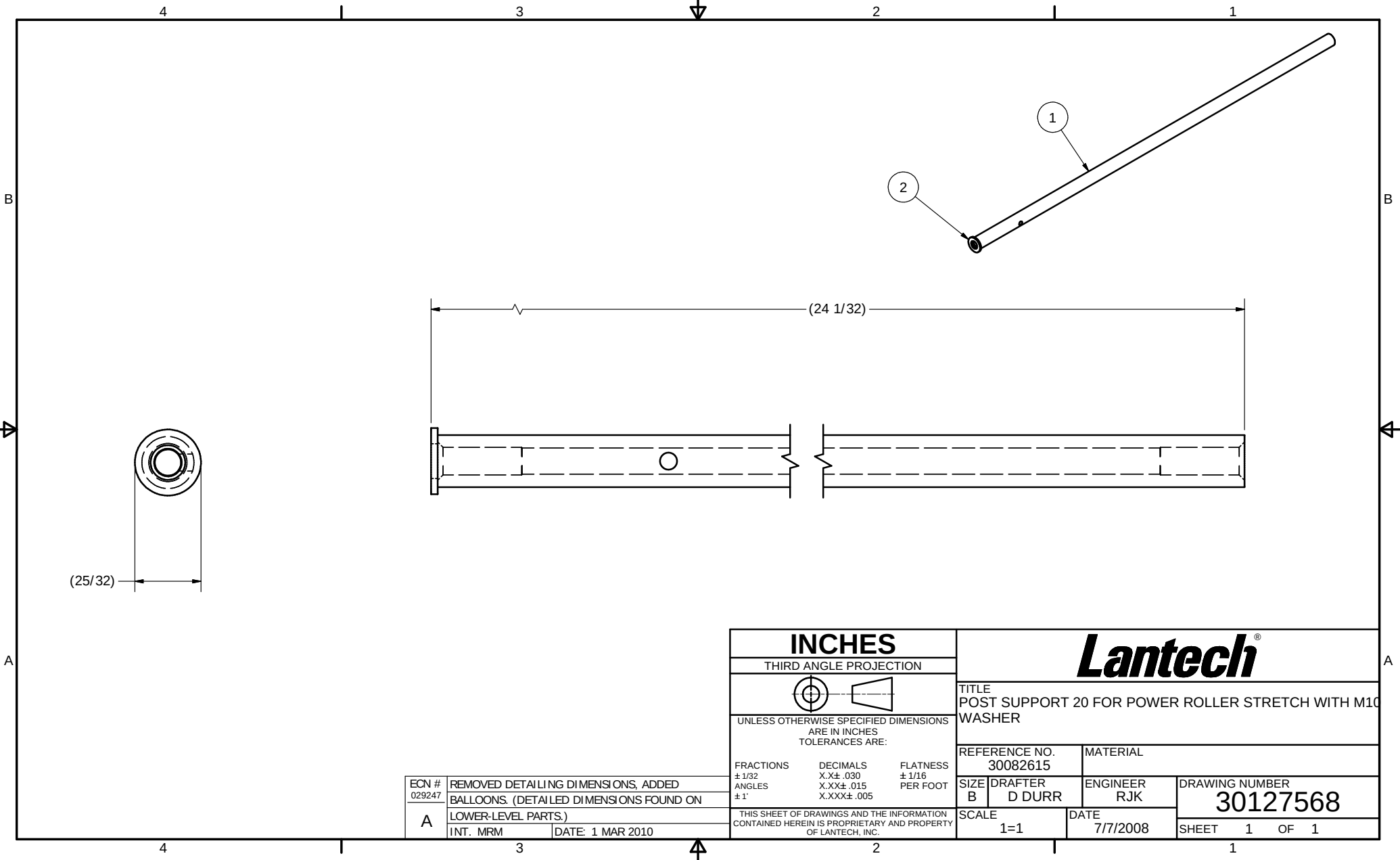


2

1

Item Number: FDS001.000009
Part Number: 30127568
Part Description: POST SUPPORT 20 FOR POWER ROLLER STRETCH WITH M10 WASHER

Item	Part#	Description	Qty
<u>000001</u>	<u>30082615</u>	<u>POST SUPPORT 20 FOR POWER ROLLER STRETCH W/AUTO FILM CUTOFF</u>	<u>1.00000</u>
<u>000002</u>	<u>30019541</u>	<u>WASHER M10 FLAT GRADE 10.9</u>	<u>1.00000</u>



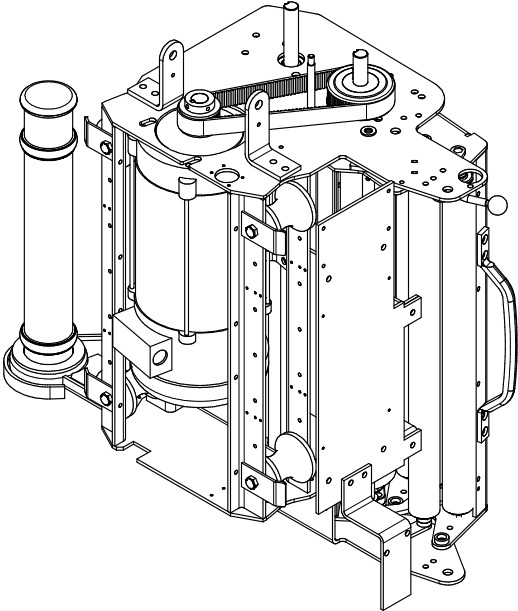
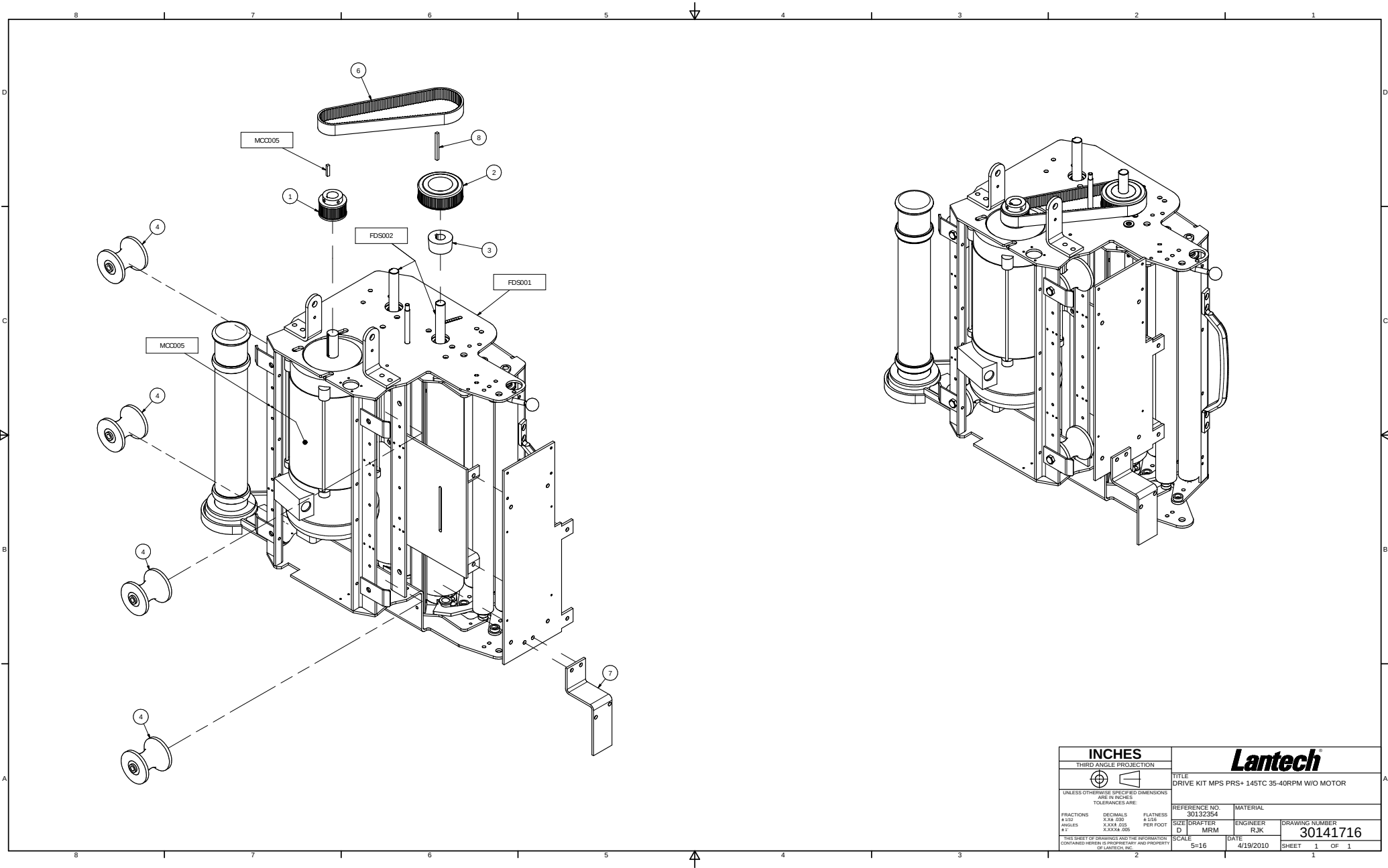
INCHES			Lantech®		
THIRD ANGLE PROJECTION					
			TITLE POST SUPPORT 20 FOR POWER ROLLER STRETCH WITH M10 WASHER		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. 30082615		
FRACTIONS ± 1/32	DECIMALS X.XX± .030 X.XX± .015 X.XXX± .005	FLATNESS ± 1/16 PER FOOT	MATERIAL		
ANGLES ± 1°			SIZE B	DRAFTER D DURR	ENGINEER RJK
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			DRAWING NUMBER 30127568		
			SHEET 1 OF 1		
SCALE 1=1			DATE 7/7/2008		

Item Number: FDS002
Part Number: 30124590
Part Description: KIT PRE-STRETCH ROLLER FDS 20IN METRIC KYWY OPEN CELL

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30210355</u>	<u>ROLLER DRIVEN PRE-STRETCH FDS</u> <u>3-5/8 OD X 21 OPEN CELL COATED</u> <u>METRIC KYWY MODIFIED FOR</u> <u>ENCODER</u>	<u>1.00000</u>
<u>000002</u>	<u>30210347</u>	<u>ROLLER DRIVEN PRE-STRETCH FDS</u> <u>3-5/8 OD X 21 OPEN CELL COATED</u> <u>METRIC KYWY</u>	<u>1.00000</u>

Item Number: FDS003
Part Number: 30141716
Part Description: DRIVE KIT MPS PRS+ 145TC 35-40RPM W/O MOTOR

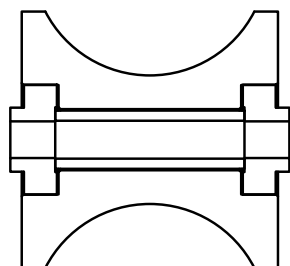
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31004045</u>	<u>PULLEY BELT TIMING HTD 32T 2.005IN</u> <u>PD 1IN WIDE 7/8 BORE 3/16 KEY</u>	<u>1.00000</u>
<u>000002</u>	<u>31003321</u>	<u>PULLEY BELT DRIVEN HTD 52T 25MM</u> <u>WIDE TAPERLOCK</u>	<u>1.00000</u>
<u>000003</u>	<u>31003322</u>	<u>BUSHING TAPERLOCK 3/4 BORE W/</u> <u>5MM KW</u>	<u>1.00000</u>
<u>000004</u>	<u>30219176</u>	<u>GUIDE ROLLER ASM HEAVY DUTY</u> <u>UNIVERSAL</u>	<u>4.00000</u>
<u>000006</u>	<u>30006653</u>	<u>BELT DRIVE V HTD 5MM PITCH X</u> <u>635MM PITCH LENGTH X 25MM WIDE</u>	<u>1.00000</u>
<u>000007</u>	<u>30064427</u>	<u>MOUNT FLAT CABLE CLIP PRE</u> <u>STRETCH ASM</u>	<u>1.00000</u>
<u>000008</u>	<u>30141701</u>	<u>KEY 5MM X 5MM X 2-1/2L STEEL</u>	<u>1.00000</u>
<u>000010</u>	<u>S-006977</u>	<u>SPACER ALUM 0.25 FOR #10 SCREW</u>	<u>0.00000</u>



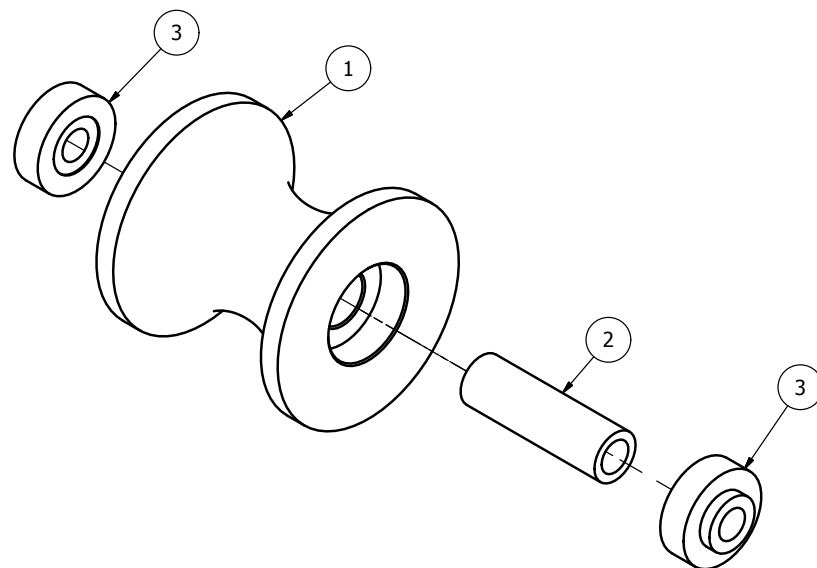
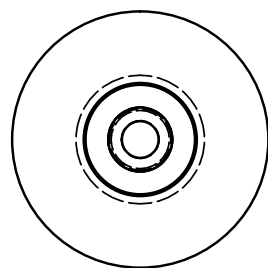
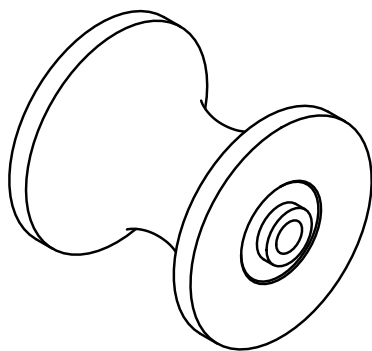
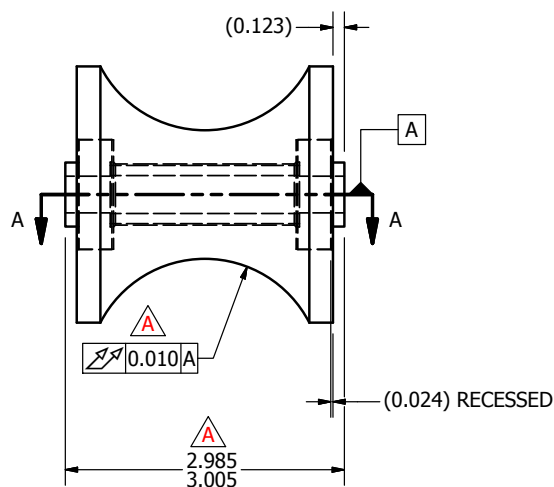
INCHES				Lantech®	
THIRD ANGLE PROJECTION				TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				DRIVE KIT MPS PRS+ 145TC 35-40RPM W/O MOTOR	
TOLERANCES ARE:				REFERENCE NO.	MATERIAL
FRACTIONS 4/125 DECIMALS 0.001 FLATNESS 0.005				30132354	
ANGLES 45° PER FOOT				SIZE/DRAWER	ENGINEER
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.				D MRM	RJK
				SCALE	DRAWING NUMBER
				5-16	30141716
				DATE	SHEET
				4/19/2010	1 OF 1

Item Number: FDS003.000004
Part Number: 30219176
Part Description: GUIDE ROLLER ASM HEAVY DUTY UNIVERSAL

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30226132</u>	<u>GUIDE ROLLER HEAVY DUTY NYLON DEEPER BEARING BORE</u>	<u>1.00000</u>
<u>000002</u>	<u>30070490</u>	<u>TUBE 5/8 OD X 0.407 ID X 2.031 LONG KONE WRAPPER ROLLER</u>	<u>1.00000</u>
<u>000003</u>	<u>30003102</u>	<u>BEARING INSERT TAPERED .3937 IN BORE</u>	<u>2.00000</u>



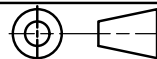
SECTION A-A



NOTE:
- ASSEMBLE USING ARBOR PRESS

INCHES

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS ± 1/32	DECIMALS X.X±.030 X.XX±.015 X.XXX±.005	FLATNESS ± 1/16 PER FOOT
ANGLES ± 1°		

THIS SHEET OF DRAWINGS AND THE INFORMATION
CONTAINED HEREIN IS PROPRIETARY AND PROPERTY
OF LANTECH, INC.

Lantech®

TITLE
GUIDE ROLLER ASM HEAVY DUTY UNIVERSAL

REFERENCE NO. 30070491		MATERIAL	
SIZE B	DRAFTER JRL	ENGINEER JRL	DRAWING NUMBER 30219176
SCALE 3=4		DATE 2/8/2018	SHEET 1 OF 1

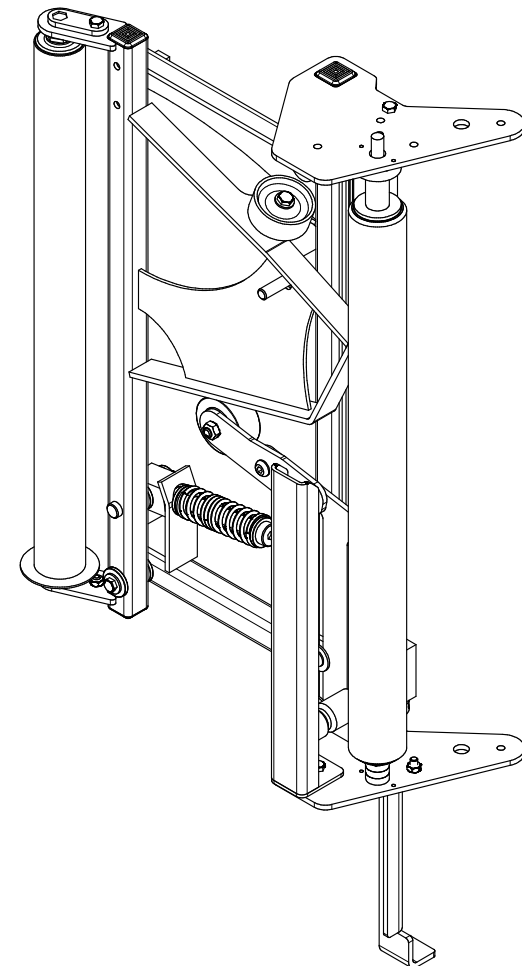
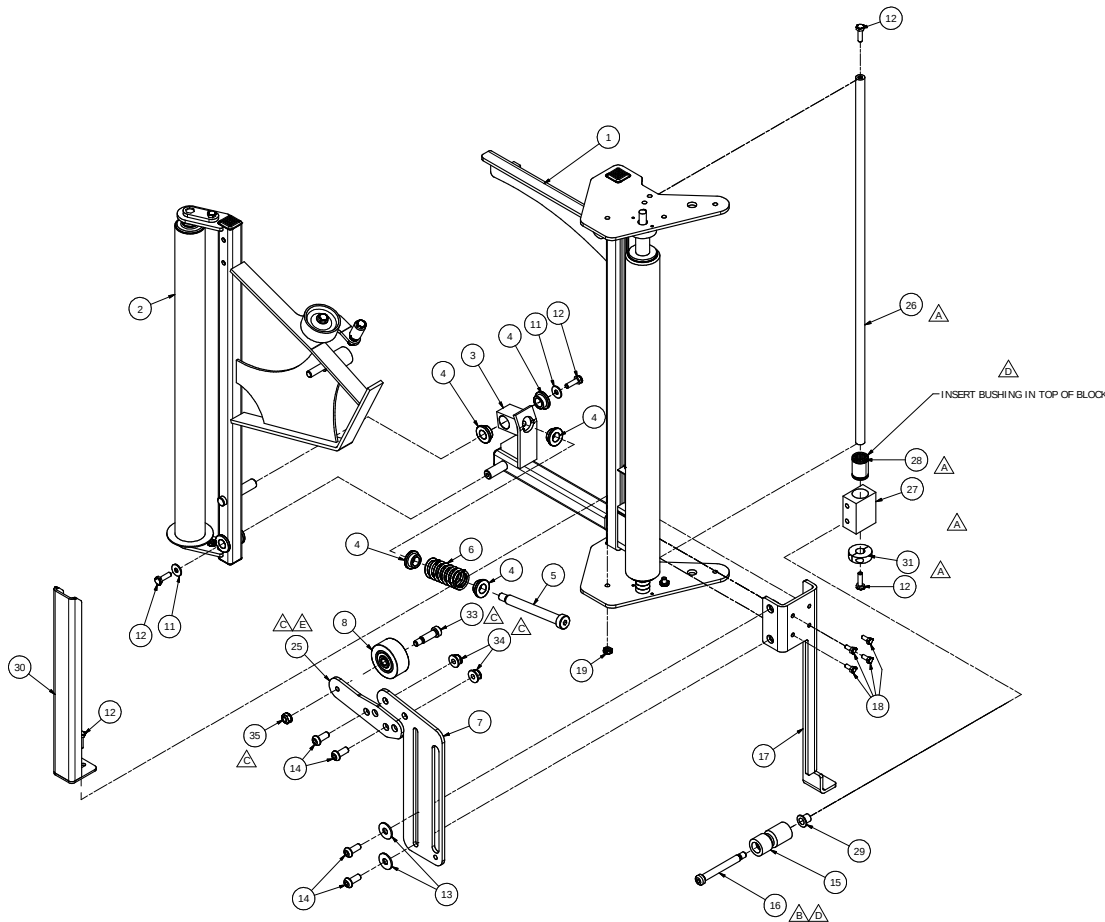
ECN # 723861	ADDED RUNOUT TOLERANCE AND WIDTH TOLERANCE.	
A	INT. JRL	DATE: 10/20/2021

Item Number: FDS005
Part Number: 30132115
Part Description: PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30124410</u>	<u>PALLET GRIP 2 MOUNTING ASM 20</u> <u>STD S-AUTO MPS</u>	<u>1.00000</u>
<u>000002</u>	<u>30120858</u>	<u>PALLET GRIP ASM ROLLER FRAME</u> <u>STD FLOW 20IN</u>	<u>1.00000</u>
<u>000003</u>	<u>30120815</u>	<u>BLOCK CLEVIS</u>	<u>1.00000</u>
<u>000004</u>	<u>30019114</u>	<u>BUSHING FLANGE .505 ID X .753 OD X</u> <u>3/8 L X 1 FLNOD X 1/8 THICK FLANGE</u> <u>THICKNESS BRONZE</u>	<u>5.00000</u>
<u>000005</u>	<u>30121504</u>	<u>FASTENER SCREW SHOULDER 1/2 X 4</u> <u>X 3/8-16</u>	<u>1.00000</u>
<u>000006</u>	<u>30120868</u>	<u>SPRING COMPRESSION MUSIC WIRE</u> <u>46LB/IN 0.135 WIRE DIA 4 X 1.095 OD</u>	<u>1.00000</u>
<u>000007</u>	<u>30124666</u>	<u>PLATE LINEAR ROPER ADJUSTABLE</u>	<u>1.00000</u>
<u>000008</u>	<u>30121505</u>	<u>WHEEL 110LB CAPACITY 2 X 7/8</u> <u>NEOPRENE RUBBER W/BALL</u> <u>BEARING FOR 3/8 SHAFT</u>	<u>1.00000</u>
<u>000011</u>	<u>30040493</u>	<u>WASHER FLAT LARGE DIN 9021B - M6</u> <u>- CZP</u>	<u>2.00000</u>
<u>000012</u>	<u>30029802</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X</u> <u>20 - 8.8 - FT - CZP</u>	<u>5.00000</u>
<u>000013</u>	<u>31025123</u>	<u>WASHER FLAT LARGE DIN 9021B - M8</u> <u>- CZP</u>	<u>2.00000</u>
<u>000014</u>	<u>31025013</u>	<u>FASTENER BOLT M8 X 1.25 X 20MM</u> <u>BUTTON HEAD</u>	<u>4.00000</u>
<u>000015</u>	<u>30132112</u>	<u>ROLLER IDLER ASM V GROOVE (V2.0)</u>	<u>1.00000</u>
<u>000016</u>	<u>31023643</u>	<u>FASTENER SCREW SHOULDER 3/8</u> <u>DIA X 2 3/4 X 5/16-18 SOCKET HEAD</u>	<u>1.00000</u>
<u>000017</u>	<u>30124670</u>	<u>PLATE FAB ACTIVATOR STD FLOW</u>	<u>1.00000</u>
<u>000018</u>	<u>31003752</u>	<u>FASTENER BOLT HHS DIN 933 - M5 X</u> <u>12 - 8.8 - FT - CZP</u>	<u>4.00000</u>
<u>000019</u>	<u>P-NH0600</u>	<u>FASTENER NUT HEX DIN 934 - M6 - 8 -</u> <u>CZP</u>	<u>3.00000</u>
<u>000020</u>	<u>30002455</u>	<u>FASTENER BOLT M12X1.75 X 25MM</u> <u>HEX HEAD CLASS 8.8</u>	<u>2.00000</u>
<u>000021</u>	<u>31024660</u>	<u>FASTENER NUT HEX DIN 934 - M12 - 10</u> <u>- CZP</u>	<u>2.00000</u>
<u>000022</u>	<u>30120854</u>	<u>PLATFORM FAB PALLET GRIP SM/SS</u> <u>STD FLOW</u>	<u>1.00000</u>
<u>000023</u>	<u>P-SH0616</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X</u> <u>16 - 8.8 - FT - CZP</u>	<u>4.00000</u>

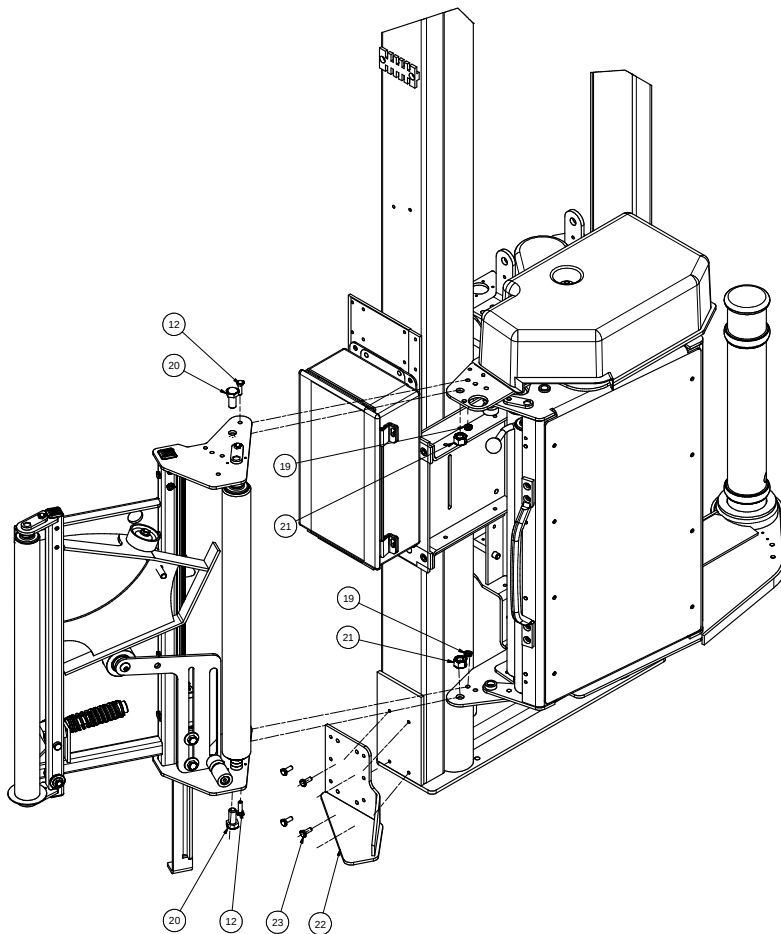
<u>000024</u>	<u>S-005481</u>	<u>FASTENER NUT JAM 3/8-16 GRADE 2</u>	<u>1.00000</u>
<u>000025</u>	<u>30203466</u>	<u>MOUNT WHEEL LINEAR ROPER</u> <u>PALLET GRIP WITH LOWER WRAP</u> <u>ADJUSTMENT</u>	<u>1.00000</u>
<u>000026</u>	<u>30120831</u>	<u>SHAFT CARRIAGE RIP STOP 20</u>	<u>1.00000</u>
<u>000027</u>	<u>30120839</u>	<u>BLOCK RIP STOP ROPER</u>	<u>1.00000</u>
<u>000028</u>	<u>30121583</u>	<u>BEARING LINEAR DRYLIN POLYMER</u> <u>1/2ID X 7/8OD X 1-1/4</u>	<u>1.00000</u>
<u>000029</u>	<u>30121584</u>	<u>BUSHING FLANGE .375 X 7/16 X 1/2 X</u> <u>.687 X .046 POLYMER</u>	<u>1.00000</u>
<u>000030</u>	<u>30120799</u>	<u>GUARD FAB FDS FILM ROPER</u> <u>ROLLER</u>	<u>1.00000</u>
<u>000031</u>	<u>C-004164</u>	<u>COLLAR TWO-PIECE SET 1/2 BORE</u> <u>STEEL</u>	<u>1.00000</u>
<u>000032</u>	<u>30125328</u>	<u>SPRING DISK WAVE CARBON STEEL</u> <u>.531 ID X .734 OD X .0090 THK</u>	<u>2.00000</u>
<u>000033</u>	<u>P-011823</u>	<u>FASTENER SCREW SHOULDER 3/8</u> <u>DIA X 1 LG X 5/16-18 SOCKET HEAD</u> <u>HOLO-KROME</u>	<u>1.00000</u>
<u>000034</u>	<u>30132271</u>	<u>FASTENER NUT FLANGE PLAIN FACE</u> <u>M8 X 1.25 CLASS 10.9 ZINC PLATED</u>	<u>2.00000</u>
<u>000035</u>	<u>30017457</u>	<u>FASTENER NUT LOCK 5/16-18 STOVER</u> <u>GRADE C</u>	<u>1.00000</u>

8 7 6 5 4 3 2 1

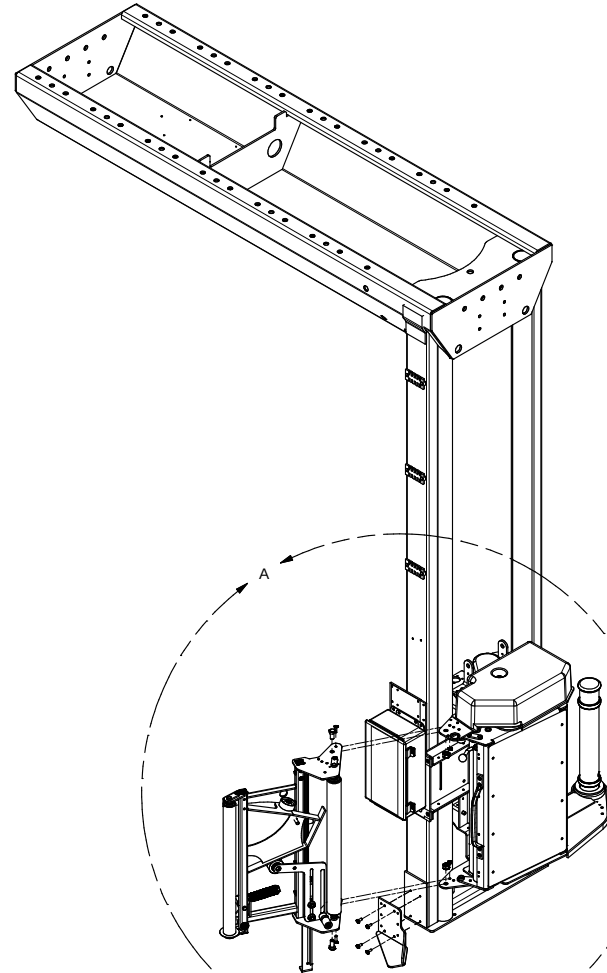


ECN # 711422	REPLACED 30146199 WITH 30203466.	ECN # 709459	ADDED NOTE. ADDED TRACE LINES TO ITEMS 29, 15 & 16.	ECN # 100079	ITEM # 25, 30146199 WAS 30124667. REMOVED. ITEMS # 9 & # 10. ADDED ITEMS # 33, # 34, & # 26.	ECN # 27255	REPLACED ITEM 16	ECN # 27038	REPLACED ITEM 15. ADDED ITEMS 26, 27, 28 AND 31.
E	INT. TJP DATE: 10/17/2016	D	INT. MAC DATE: 2/9/2016	C	INT. MRM DATE: 17 JUNE 2010	B	INT. MWM DATE: 29 APR 2009	A	INT. MWM DATE: 08 APR 2009

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS 4/10 ANGLES 4:1			REFERENCE NO. FD/S005		
DECIMALS X.XX .005			ENGINEER D MWM		
FLATNESS X.XX .005 PER FOOT			DRAWING NUMBER 30132115		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			SCALE: - DATE: 3/23/2009 SHEET 1 OF 2		



DETAIL A

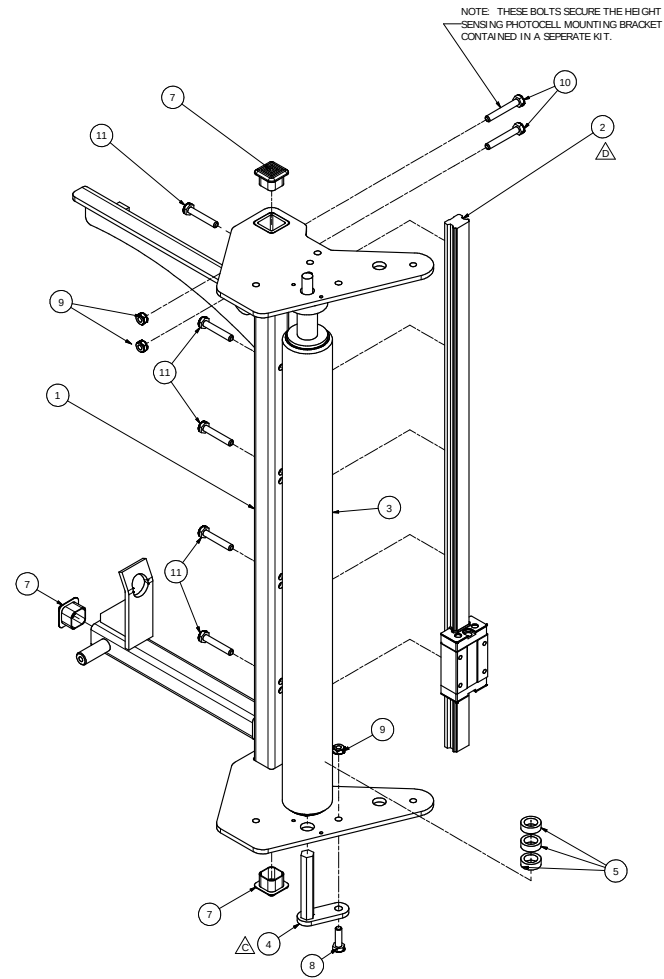
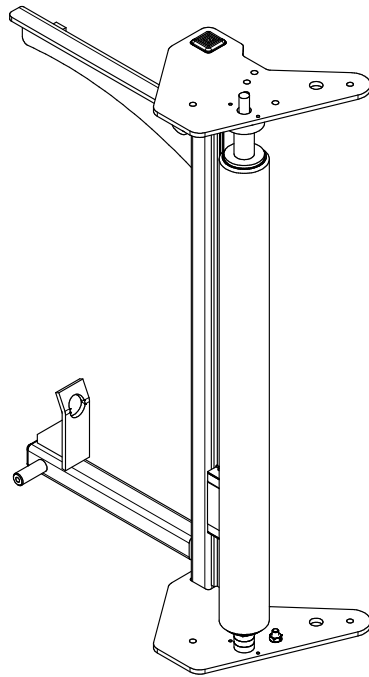
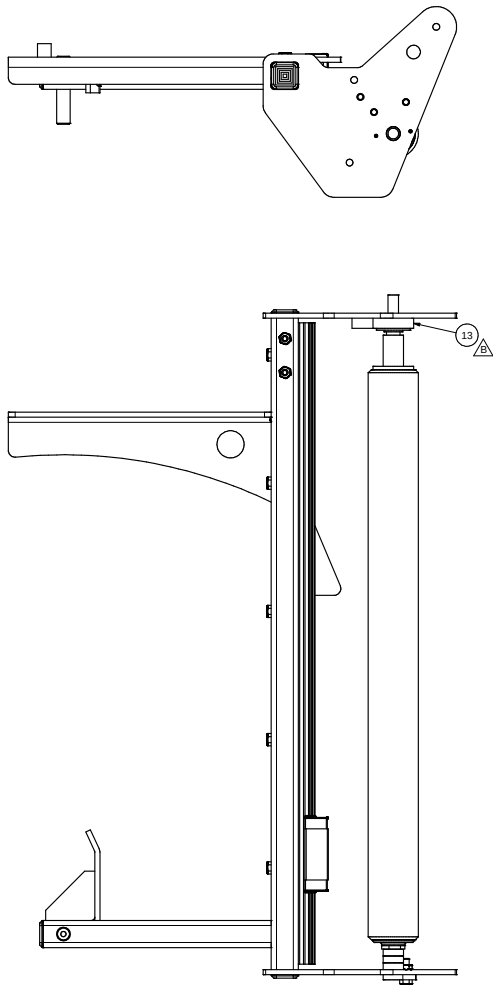


ECN # 711412	REPLACED 30146199 WITH 30203466.	ECN # 709459	ADDED NOTE. ADDED TRACE LINES TO ITEMS 29, 15 & 16.	ECN # 100079	ITEM # 25, 30148199 WAS 30124667. REMOVED ITEMS # 9 & # 10. ADDED ITEMS # 33, # 34, & # 26.	ECN # 27255	REPLACED ITEM 16	ECN # 27038	REPLACED ITEM 15. ADDED ITEMS 26, 27, 28 AND 31.
E	INT. TJP DATE: 10/17/2016	D	INT. MAC DATE: 2/9/2016	C	INT. MRM DATE: 17 JUNE 2010	B	INT. MWM DATE: 29 APR 2009	A	INT. MWM DATE: 08 APR 2009

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS 4:1/2 ANGLES 4°			REFERENCE NO. FDS005	MATERIAL	
DECIMALS X.XX ANGLES X.XX			SIZE/DRAFTER D MWM	ENGINEER	DRAWING NUMBER 30132115
FLATNESS X.XX PER FOOT X.XX			SCALE -	DATE 3/23/2009	SHEET 2 OF 2
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.					

Item Number: FDS005.000001
 Part Number: 30124410
 Part Description: PALLET GRIP 2 MOUNTING ASM 20 STD S-AUTO MPS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30124409</u>	<u>PALLET GRIP 2 MOUNTING FAB 20</u> <u>STD S-AUTO MPS</u>	<u>1.00000</u>
<u>000002</u>	<u>30148184</u>	<u>BEARING LINEAR ASM FOR Q-XT V4.0</u> <u>THK</u>	<u>1.00000</u>
<u>000003</u>	<u>30174650</u>	<u>ROLLER IDLER ASM 1-27/32 OD X 22-</u> <u>5/8 COATED 20IN FDS W/ ENCODER</u> <u>MOUNT - FOR ELECTRIC ROPER</u>	<u>1.00000</u>
<u>000004</u>	<u>40402240</u>	<u>SUPPORT FAB FDS IDLER ROLLER</u>	<u>1.00000</u>
<u>000005</u>	<u>40402297</u>	<u>SPACER CYL NYLON .75 OD IN X .125</u> <u>IN WALL THICKNESS X .25 IN LG</u>	<u>3.00000</u>
<u>000007</u>	<u>30096230</u>	<u>PLUG PLASTIC 1IN SQ TUBING</u> <u>RIBBED (FITS .719 TO .844 ID SQ</u> <u>TUBING) PKG OF 100</u>	<u>2.00000</u>
<u>000008</u>	<u>30029802</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X</u> <u>20 - 8.8 - FT - CZP</u>	<u>1.00000</u>
<u>000009</u>	<u>P-NH0600</u>	<u>FASTENER NUT HEX DIN 934 - M6 - 8 -</u> <u>CZP</u>	<u>3.00000</u>
<u>000010</u>	<u>31023437</u>	<u>FASTENER BOLT HHS DIN 931 - M6 X</u> <u>40 - 8.8 - PT - CZP</u>	<u>2.00000</u>
<u>000011</u>	<u>31023432</u>	<u>FASTENER BOLT HHS DIN 931 - M6 X</u> <u>35 - 8.8 - PT - CZP</u>	<u>5.00000</u>
<u>000013</u>	<u>30176723</u>	<u>MOUNT ASSEMBLY BEARING S-AUTO</u> <u>PALLET GRIP</u>	<u>1.00000</u>



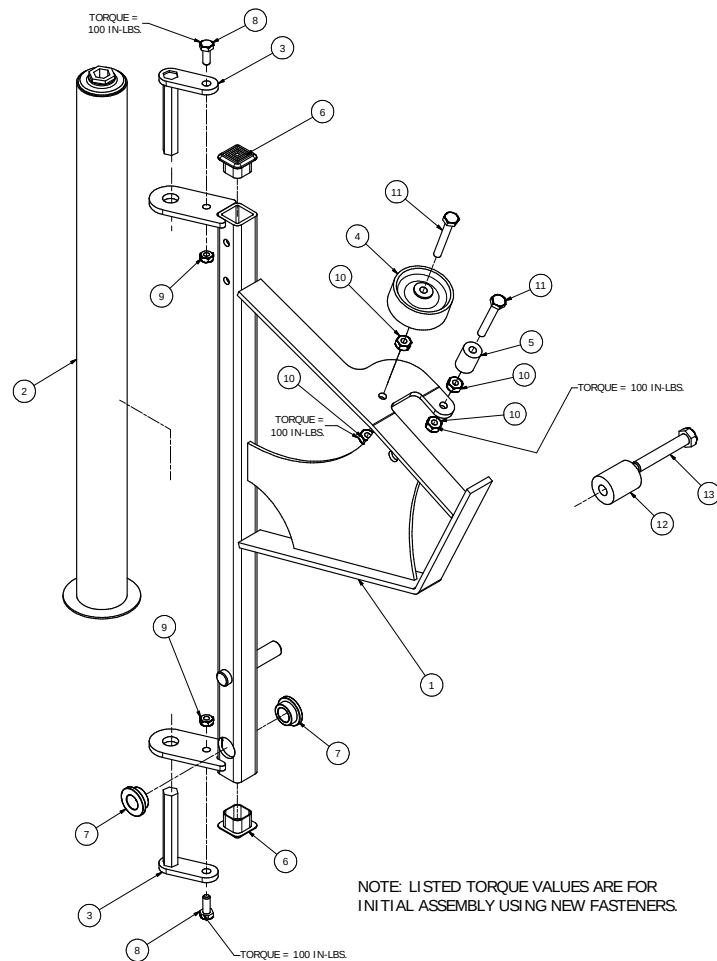
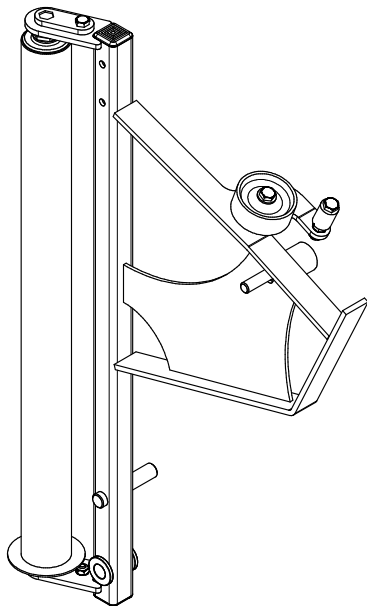
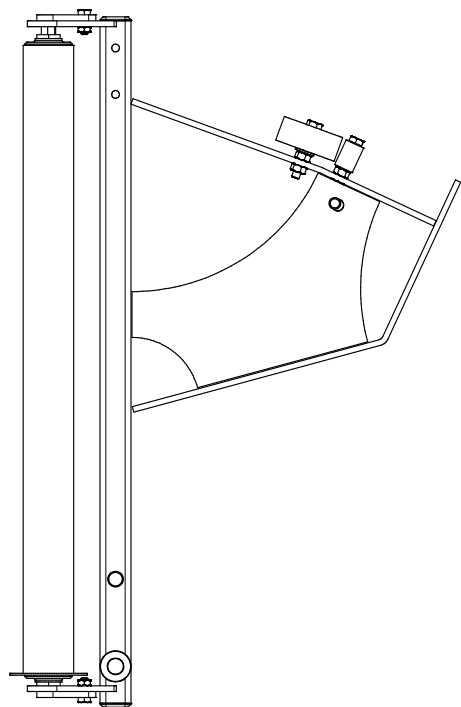
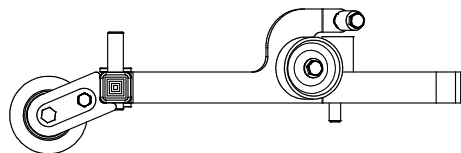
NOTE: THESE BOLTS SECURE THE HEIGHT-SENSING PHOTOCCELL MOUNTING BRACKET CONTAINED IN A SEPERATE KIT.

INCHES				Lantech®		
THIRD ANGLE PROJECTION				TITLE PALLET GRIP 2 MOUNTING ASM 20 STD S-AUTO MPS		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				REFERENCE NO. 30124399		
TOLERANCES ARE:				MATERIAL		
FRACTIONS 4/16 ANGLES 45°				SIZE/DRAWER D MWM		
DECIMALS X.XX ANGLES XX.XX				ENGINEER CM		
FLATNESS X.XX PER FOOT X.XX				DRAWING NUMBER 30124410		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.				SCALE 7=16		
				DATE 8/1/2007		
				SHEET 1 OF 1		

ECN # 001483	REPLACE LINEAR BEARING, ITEM # 2.	ECN # 30986	ADDED ITEM# 4 TO THE BOM	ECN # 20973	REPLACED ITEM 15.	ECN # 20973	REPLACED ITEM 3, REMOVED 4, 6, ADDED ITEM 13.
D	INT. GLP	C	INT. FJR	B	INT. MWM	A	INT. MWM
	DATE: 11/18/2010		DATE: 22 OCT 2010		DATE: 10 OCT 2008		DATE: 26 AUG 2008

Item Number: FDS005.000002
 Part Number: 30120858
 Part Description: PALLET GRIP ASM ROLLER FRAME STD FLOW 20IN

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30120857</u>	<u>PALLET GRIP FAB ROLLER FRAME</u> <u>STD FLOW 20IN</u>	<u>1.00000</u>
<u>000002</u>	<u>30181439</u>	<u>ROLLER IDLER ASM 1-5/8 OD X 21</u> <u>PALLET GRIP</u>	<u>1.00000</u>
<u>000003</u>	<u>40402240</u>	<u>SUPPORT FAB FDS IDLER ROLLER</u>	<u>2.00000</u>
<u>000004</u>	<u>30029749</u>	<u>WHEEL 2 OD X 0.25 ID (PLAIN BORE)</u> <u>POLYOLEFIN</u>	<u>1.00000</u>
<u>000005</u>	<u>30121506</u>	<u>ROLLER GUIDE 5/8 OD X 7/8</u>	<u>1.00000</u>
<u>000006</u>	<u>30096230</u>	<u>PLUG PLASTIC 1IN SQ TUBING</u> <u>RIBBED (FITS .719 TO .844 ID SQ</u> <u>TUBING) PKG OF 100</u>	<u>2.00000</u>
<u>000007</u>	<u>30019114</u>	<u>BUSHING FLANGE .505 ID X .753 OD X</u> <u>3/8 L X 1 FLNOD X 1/8 THICK FLANGE</u> <u>THICKNESS BRONZE</u>	<u>2.00000</u>
<u>000008</u>	<u>P-SH0616</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X</u> <u>16 - 8.8 - FT - CZP</u>	<u>2.00000</u>
<u>000009</u>	<u>P-NH0600</u>	<u>FASTENER NUT HEX DIN 934 - M6 - 8 -</u> <u>CZP</u>	<u>2.00000</u>
<u>000010</u>	<u>S-007436</u>	<u>FASTENER NUT HEX 1/4-20 GRADE 8</u> <u>ZINC DICHROMATE PLATED</u>	<u>4.00000</u>
<u>000011</u>	<u>S-006047</u>	<u>FASTENER BOLT 1/4-20 X 1-3/4 HEX</u> <u>HEAD GRADE 5</u>	<u>2.00000</u>
<u>000012</u>	<u>C-006474</u>	<u>BUMPER URETHANE 1 OD 3/8 ID 1 1/4</u>	<u>1.00000</u>
<u>000013</u>	<u>S-006800</u>	<u>FASTENER BOLT 3/8-16 X 2-1/4 HEX</u> <u>HEAD GRADE 5</u>	<u>1.00000</u>
<u>000014</u>	<u>S-007438</u>	<u>FASTENER NUT HEX 3/8-16 GRADE 8</u>	<u>2.00000</u>
<u>000015</u>	<u>40402297</u>	<u>SPACER CYL NYLON .75 OD IN X .125</u> <u>IN WALL THICKNESS X .25 IN LG</u>	<u>1.00000</u>



NOTE: LISTED TORQUE VALUES ARE FOR INITIAL ASSEMBLY USING NEW FASTENERS.

INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE PALLET GRIP ASM ROLLER FRAME STD FLOW 20IN		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO. MATERIAL		
TOLERANCES ARE:			SIZE DRAFTER ENGINEER DRAWING NUMBER		
FRACTIONS 4/10 ANGLES 45°	DECIMALS X.XX (32) X.XXX (32) X.XXXX (32)	FLATNESS 0.004 (32) PER FOOT X.004 (32)	N/A D GLP	CM	30120858
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			SCALE 1=2	DATE 7/31/2007	SHEET 1 OF 1

Item Number: FDS009
Part Number: 30124593
Part Description: PRE-STRETCH KIT 225% ROLLER STRETCH METRIC PITCH AND KYWY/SAE BORE WITH TENSIONER ASSEMBLY

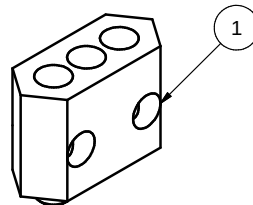
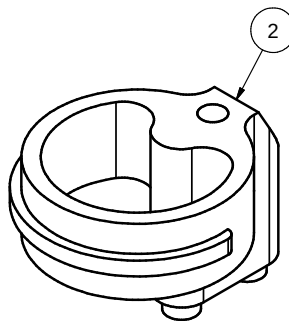
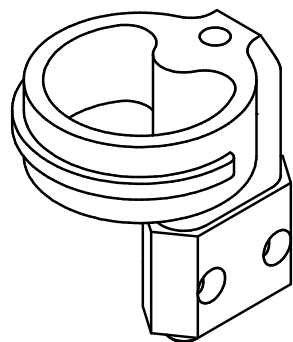
Item	Part#	Description	Qty
<u>000001</u>	<u>30000467</u>	<u>PRE-STRETCH KIT 225% ROLLER</u> <u>STRETCH METRIC PITCH AND</u> <u>KYWY/SAE BORE</u>	<u>1.00000</u>
<u>000002</u>	<u>30124594</u>	<u>TENSIONER ASM POWER ROLLER</u> <u>STRETCH CHAIN TYPE SELF-</u> <u>ADJUSTING ELIPTICAL</u>	<u>1.00000</u>

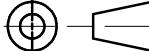
Item Number: FDS009.000001
Part Number: 30000467
Part Description: PRE-STRETCH KIT 225% ROLLER STRETCH METRIC PITCH AND KYWY/SAE BORE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>P-404391</u>	<u>SPROCKET METRIC 06B13H 13 TOOTH</u> <u>3/4IN BORE W/ 5MM KEY 2 SET</u> <u>SCREWS (HARDENED TEETH)</u>	<u>1.00000</u>
<u>000002</u>	<u>30002058</u>	<u>SPROCKET METRIC 06B42 3/4IN BORE</u> <u>W/5MM KEY 2 SET SCREWS</u>	<u>1.00000</u>
<u>000003</u>	<u>30009616</u>	<u>CHAIN RLR #06B-1 57P + 1CL + 1OL</u> <u>METRIC (ATTACH ENDLESS)</u>	<u>1.00000</u>

Item Number: FDS009.000002
Part Number: 30124594
Part Description: TENSIONER ASM POWER ROLLER STRETCH CHAIN TYPE SELF-ADJUSTING ELIPTICAL

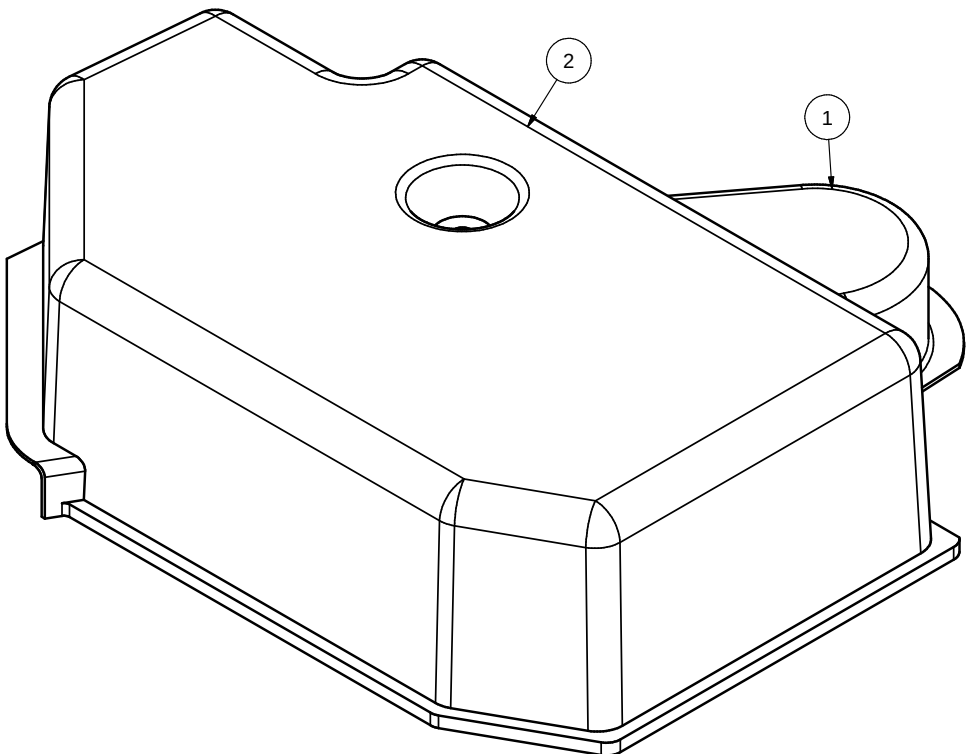
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30129727</u>	<u>SPACER FDS CHAIN TENSIONER</u>	<u>1.00000</u>
<u>000002</u>	<u>30004152</u>	<u>TENSIONER DEVICE CHAIN SELF ADJUSTING LINEAR</u>	<u>1.00000</u>



INCHES			Lantech[®]		
THIRD ANGLE PROJECTION					
			TITLE TENSIONER ASM POWER ROLLER STRETCH CHAIN TYPE SELF-ADJUSTING ELLIPTICAL		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. 30058400	MATERIAL	
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X4 ± .030 X.XXX ± .015 X.XXX ± .005	FLATNESS ± 1/16 PER FOOT	SIZE B	DRAFTER RJK	ENGINEER RJK
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1=1	DATE 8/3/2010	DRAWING NUMBER 30124594
			SHEET 1 OF 1		

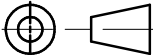
Item Number: FDS010
Part Number: 30056845
Part Description: FILM DELIVERY SYSTEM KIT GRAY HAIRCELL COVER STD FLOW

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30000276</u>	<u>COVER FILM DELIVERY SYSTEM</u> <u>SMALL STD FLOW</u>	<u>1.00000</u>
<u>000002</u>	<u>30002768</u>	<u>COVER FILM DELIVERY SYSTEM</u> <u>LARGE STD FLOW</u>	<u>1.00000</u>



INCHES

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS ± 1/32	DECIMALS X.X4 ± .030	FLATNESS ± 1/16 PER FOOT
ANGLES ± 1°	X.XX ± .015	X.XXX ± .005

THIS SHEET OF DRAWINGS AND THE INFORMATION
CONTAINED HEREIN IS PROPRIETARY AND PROPERTY
OF LANTECH, INC.

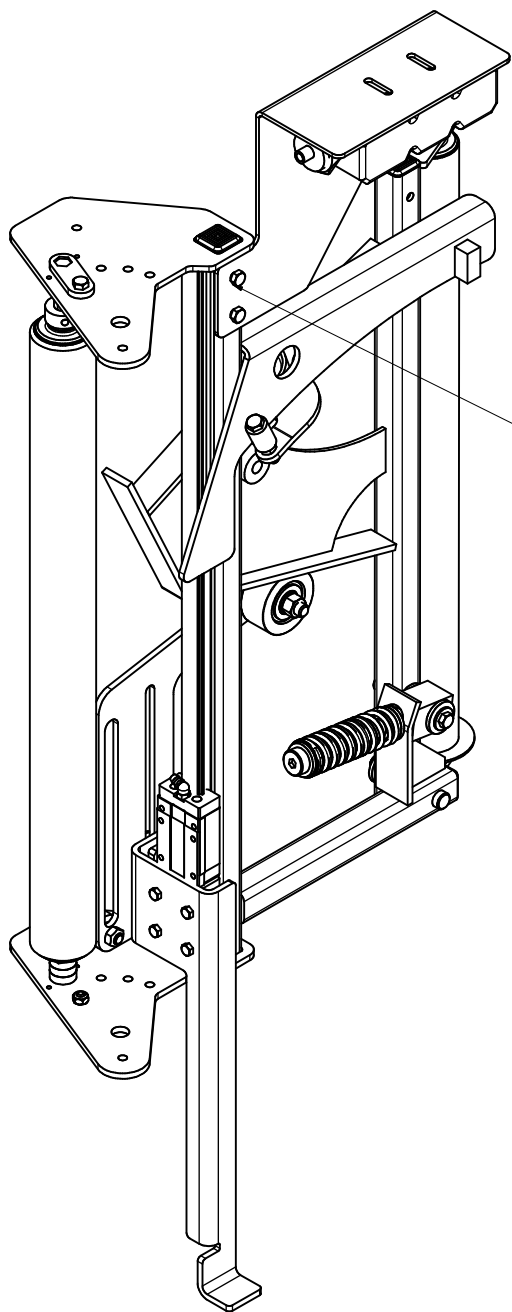
Lantech®

TITLE
FILM DELIVERY SYSTEM KIT GRAY HAIRCELL COVER STD
FLOW

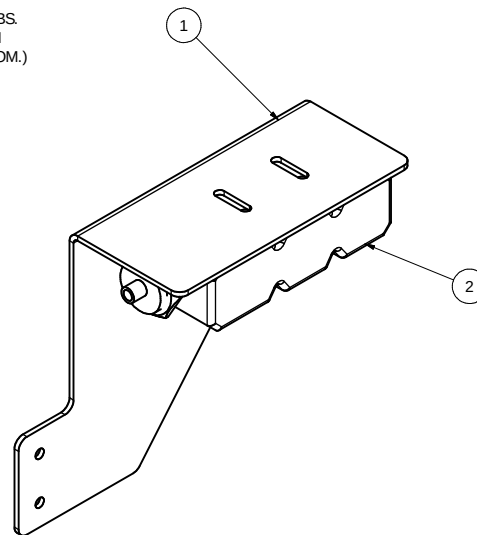
REFERENCE NO. N/A		MATERIAL	
SIZE B	DRAFTER WCR	ENGINEER	DRAWING NUMBER 30056845
SCALE NTS		DATE 8/15/2001	SHEET 1 OF 1

Item Number: FDS011
Part Number: 30176808
Part Description: KIT PALLET HEIGHT SENSING INTELLISENSOR STD FLOW PALLET GRIP (CARRIAGE MOUNTED) LOAD GUARDIAN

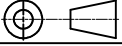
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30176806</u>	<u>MOUNT PHOTOCELL HEIGHT</u> <u>SENSING STD FLOW</u>	<u>1.00000</u>
<u>000002</u>	<u>30034902</u>	<u>SWITCH PHOTOCELL DIFFUSE 18-</u> <u>30VDC 72IN NPN/PNP DARK OPERATE</u> <u>MICRO QD INTELLISENSOR</u>	<u>1.00000</u>



TORQUE = 100 IN-LBS.
(FASTENERS ARE ON
PALLET GRIP ASM BOM.)



CONFIGURATION FOR STANDARD FLOW.

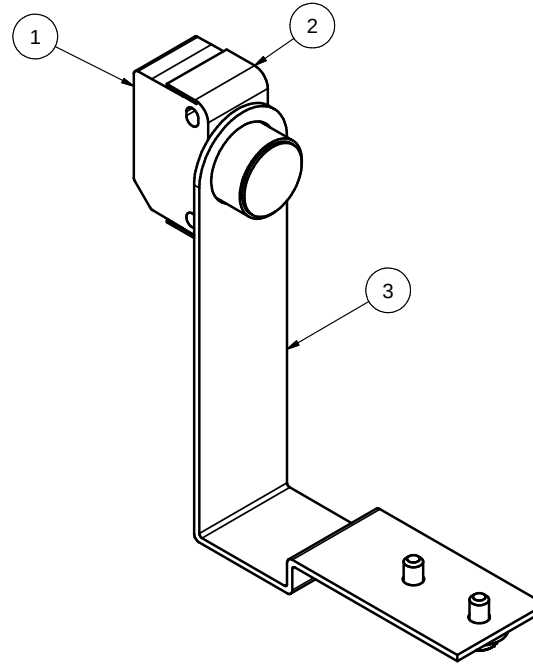
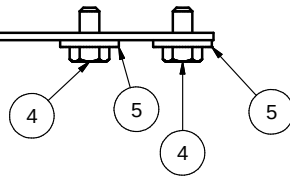
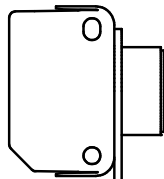
INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT PALLET HEIGHT SENSING INTELLISENSOR STD FLOW PALLET GRIP (CARRIAGE MOUNTED) LOAD GUARDIAN		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. N/A	MATERIAL	
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X±.030 X.XX±.015 X.XXX±.005	FLATNESS ± 1/16 PER FOOT	SIZE C	DRAFTER MWM	ENGINEER MWM
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE ~	DATE 4/27/2015	DRAWING NUMBER 30176808
				SHEET 1 OF 1	

Item Number: FDS012
Part Number: 30132304
Part Description: KIT PALLET HEIGHT SENSING CABLE ALLEN-BRADLEY

Item	Part#	Description	Qty
<u>000001</u>	<u>31062011</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 2M PVC</u>	<u>1.00000</u>

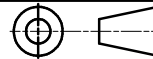
Item Number: FDS014
Part Number: 30144980
Part Description: KIT FILM CORE DETECTION (ALLEN-BRADLEY)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31042641</u>	<u>SWITCH PHOTOCELL VISISIGHT</u> <u>STANDARD DIFFUSE RED DC - 2</u> <u>COMPLEMENTARY LO/DO OUTPUTS</u> <u>SOURCE (PNP) 4-PIN DC MICRO QD</u> <u>ON 152MM (6IN) PIGTAIL (-20C - +60C, -</u> <u>4F - +140F)</u>	<u>1.00000</u>
<u>000002</u>	<u>30137665</u>	<u>ADAPTER 42JS VISISIGHT 18MM</u> <u>SNAP-ON</u>	<u>1.00000</u>
<u>000003</u>	<u>30144976</u>	<u>MOUNT PHOTOCELL FDS FILM POST</u>	<u>1.00000</u>
<u>000004</u>	<u>31072979</u>	<u>FASTENER BOLT HHS DIN 933 - M4 X 8</u> <u>- 8.8 - FT - CZP</u>	<u>2.00000</u>
<u>000005</u>	<u>P-WF0400</u>	<u>WASHER FLAT NORMAL DIN 125A - M4</u> <u>- CZP</u>	<u>2.00000</u>



INCHES

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS ± 1/32	DECIMALS X.X± .030	FLATNESS ± 1/16
ANGLES ± 1°	X.XX± .015	PER FOOT X.XXX± .005

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Lantech®

TITLE
KIT FILM CORE DETECTION (ALLEN-BRADLEY)

REFERENCE NO. N/A		MATERIAL	
SIZE B	DRAFTER MWM	ENGINEER RDJ	DRAWING NUMBER 30144980
SCALE 1=1		DATE 9/11/2010	SHEET 1 OF 1

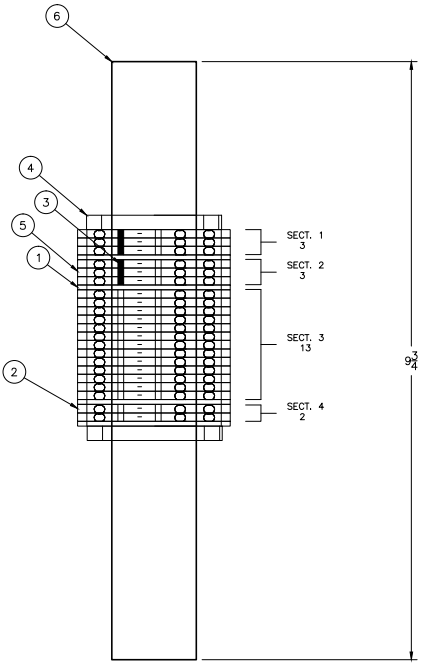
Item Number: FDS015
Part Number: 30132305
Part Description: KIT FILM CORE SENSING CABLE ALLEN-BRADLEY

Item	Part#	Description	Qty
<u>000001</u>	<u>31062011</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 2M PVC</u>	<u>1.00000</u>

Item Number: FDS016
Part Number: 30168097
Part Description: KIT NFB FDS TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492 SPRING-CLAMP W/E-RAIL

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30132401</u>	<u>TERMINAL END SECTION YELLOW</u> <u>FOR 1492-L2T</u>	<u>4.00000</u>
<u>000002</u>	<u>30132403</u>	<u>TERMINAL BLOCK GREEN SPRING</u> <u>CLAMP 3 POINTS 28-16AWG</u> <u>GROUNDING</u>	<u>2.00000</u>
<u>000003</u>	<u>30132405</u>	<u>TERMINAL JUMPER 3 POLE FOR</u> <u>1492-L2 SERIES BLOCKS</u>	<u>2.00000</u>
<u>000004</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000005</u>	<u>31048878</u>	<u>TERMINAL BLOCK GREY SPRING</u> <u>CLAMP 3 POINTS 26-14AWG</u>	<u>19.00000</u>
<u>000006</u>	<u>31005300</u>	<u>RAIL DIN 35MM (1.38INCH) X 2M</u> <u>(78INCH) GALVANIZED STEEL W/</u> <u>12MM (.47INCH) X 4.2MM (0.16INCH)</u> <u>SLOT ON 20MM (.78INCH) CENTERS</u>	<u>0.12000</u>

FILM DELIVERY J-BOX
JB-3

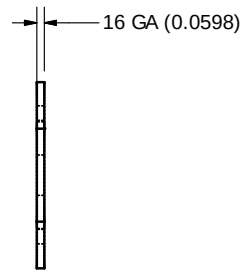
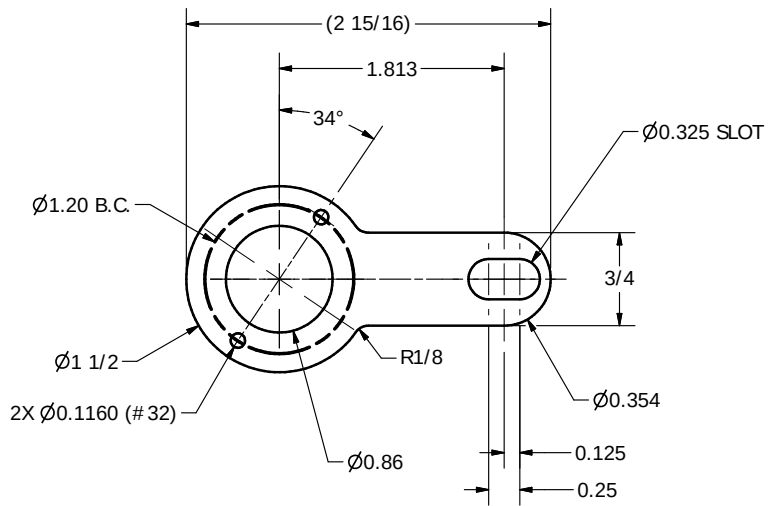


Item Number: FDS021
Part Number: 30124595
Part Description: FILM DELIVERY SYSTEM S1 and RS2 ENCODERS W/MOUNTS NFB

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30124559</u>	<u>ENCODER 600PPR INCREMENTAL</u> <u>24VDC LINE DRIVER HOLLOW BORE</u> <u>10MM</u>	<u>2.00000</u>
<u>000002</u>	<u>30195543</u>	<u>PLATE ENCODER MOUNT SL-SERIES</u> <u>RS-2 SLOTTED</u>	<u>1.00000</u>
<u>000003</u>	<u>30195542</u>	<u>PLATE ENCODER MOUNT L-SERIES S1</u> <u>SLOTTED</u>	<u>1.00000</u>
<u>000004</u>	<u>P-BS0812</u>	<u>FASTENER SCREW SHOULDER 8MM</u> <u>DIA X 12MM LG X M6-1.0MM</u>	<u>1.00000</u>

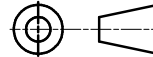
Item Number: FDS021.000003
Part Number: 30195542
Part Description: PLATE ENCODER MOUNT L-SERIES S1 SLOTTED

Item	Part#	Description	Qty
<u>000001</u>	<u>30176651</u>	<u>STEEL SHEET ASTM A1011 HR CS</u> <u>Type B P/O CUT EDGE 16GA X 60 X 120</u>	<u>2.10000</u>



INCHES

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS	DECIMALS	FLATNESS
± 1/32	X.X± .030	± 1/16
ANGLES	X.XX± .015	PER FOOT
± 1'	X.XXX± .005	

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OF LANTECH, INC.

Lantech®

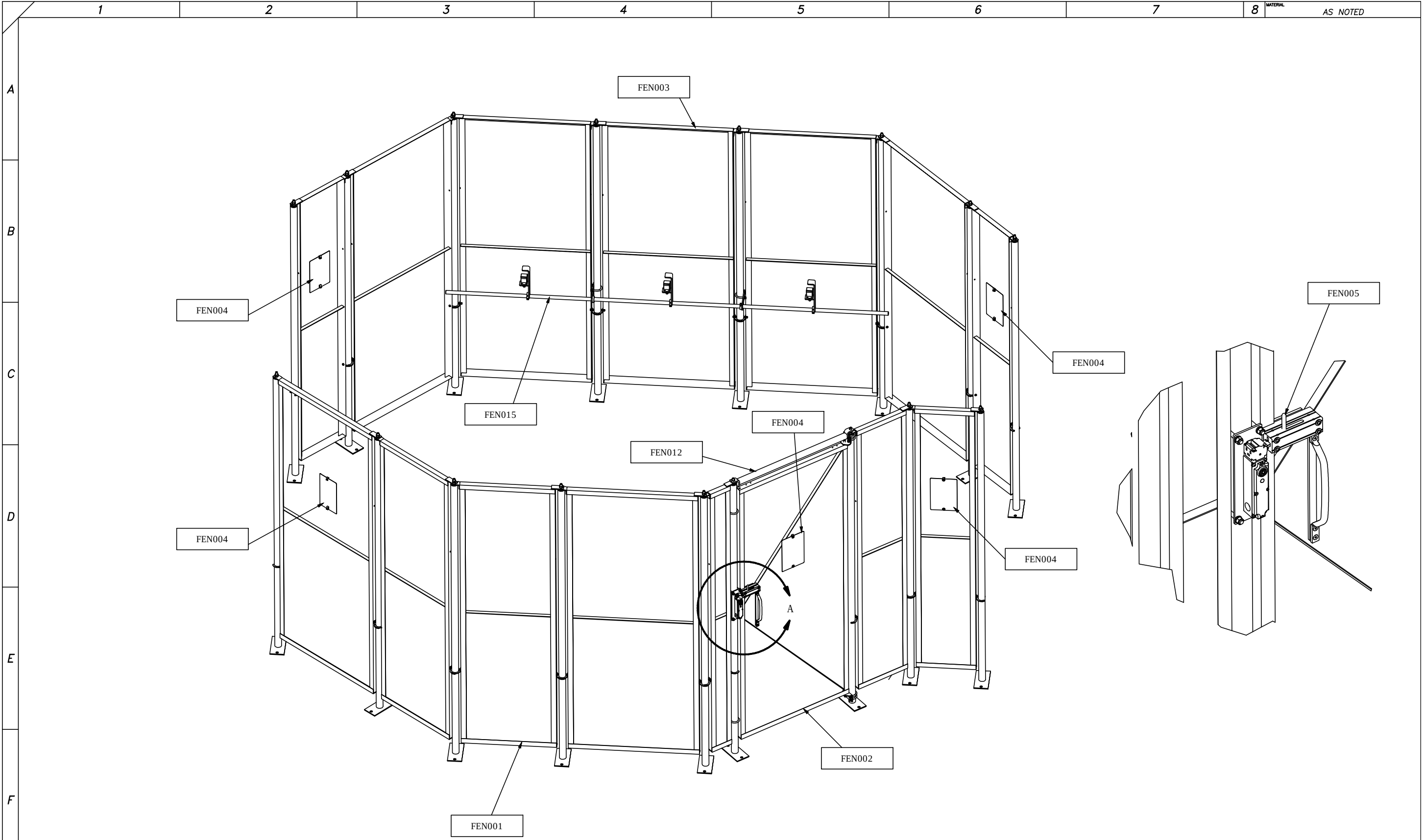
TITLE
PLATE ENCODER MOUNT L-SERIES S1

REFERENCE NO. N/A	MATERIAL AISI 1010 (HR)
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SIZE B	DRAFTER DJF	ENGINEER CAG	DRAWING NUMBER 30195542
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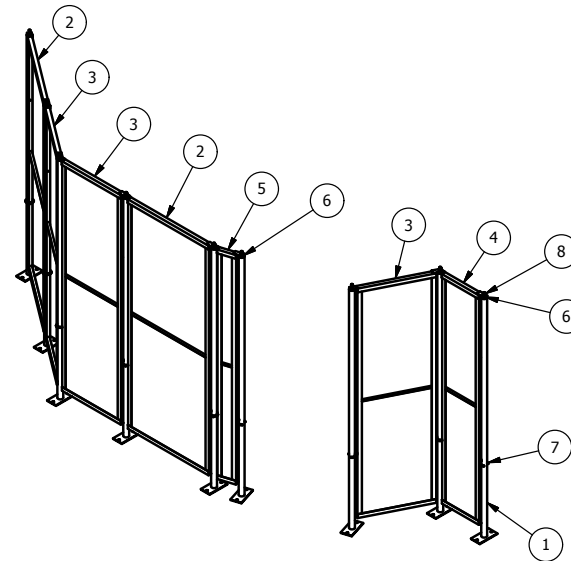
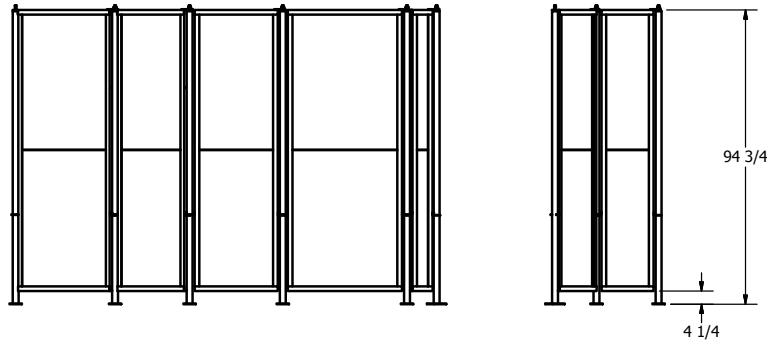
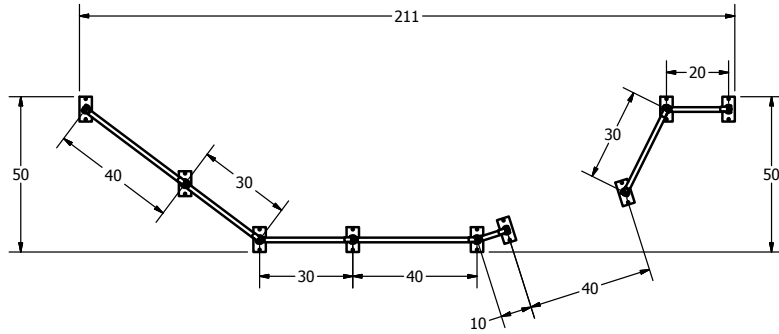
SCALE 1=1	DATE 7/9/2010
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SHEET 1 OF 1



Item Number: FEN001
 Part Number: 30221321
 Part Description: FENCE ASM SL-SERIES STD/RVS FLOW (FEN001) 40-30-30-40-10-G-30-20

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30146425</u>	<u>FENCE POST FAB 1.90 OD X 0.109</u> <u>WALL X 94-1/2</u>	<u>9.00000</u>
<u>000002</u>	<u>30146404</u>	<u>FENCE PANEL FAB 40 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>2.00000</u>
<u>000003</u>	<u>30146403</u>	<u>FENCE PANEL FAB 30 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>3.00000</u>
<u>000004</u>	<u>30146402</u>	<u>FENCE PANEL FAB 20 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>1.00000</u>
<u>000005</u>	<u>30146401</u>	<u>FENCE PANEL FAB 10 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>1.00000</u>
<u>000006</u>	<u>30135076</u>	<u>SPACER ROUND STEEL 1 1/2 OD</u> <u>21/32 ID 1/4 THICK PAINTED BLACK</u>	<u>2.00000</u>
<u>000007</u>	<u>30153011</u>	<u>KIT 3/4 HORSESHOE WITH</u> <u>HARDWARE</u>	<u>14.00000</u>
<u>000008</u>	<u>30153013</u>	<u>KIT M-14X2.0 HEX NUT AND LOCK</u> <u>WASHER</u>	<u>9.00000</u>

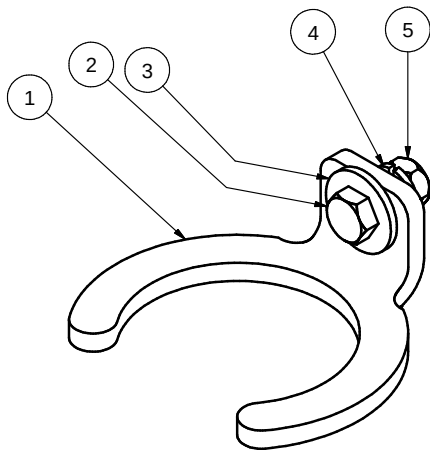


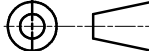
PARTS LIST: 30221321			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	9	30146425	FENCE POST FAB 1.90 OD X 0.109 WALL X 94-1/2
2	2	30146404	FENCE PANEL FAB 40 X 90-1/2 OVERLAPPED DESIGN
3	3	30146403	FENCE PANEL FAB 30 X 90-1/2 OVERLAPPED DESIGN
4	1	30146402	FENCE PANEL FAB 20 X 90-1/2 OVERLAPPED DESIGN
5	1	30146401	FENCE PANEL FAB 10 X 90-1/2 OVERLAPPED DESIGN
6	2	30135076	SPACER ROUND STEEL 1 1/2 OD 21/32 ID 1/4 THICK PAINTED BLACK
7	14	30153011	KIT 3/4 HORSESHOE WITH HARDWARE
8	7	30153013	KIT M-14X2.0 HEX NUT AND LOCK WASHER

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			FENCE ASM SL-SERIES STD/RVS FLOW (FEN001)		
FRACTIONS	DECIMALS	FLATNESS	REFERENCE NO.	MATERIAL	
± 1/32	± .030	± 1/16	30146335		
ANGLES	PER FOOT		SIZE	DRAFTER	ENGINEER
± 1°			B	TJP	TJP
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			SCALE	DATE	DRAWING NUMBER
			1 / 40	5/3/2018	30221321
			SHEET 1 OF 1		

Item Number: FEN001.000007
Part Number: 30153011
Part Description: KIT 3/4 HORSESHOE WITH HARDWARE

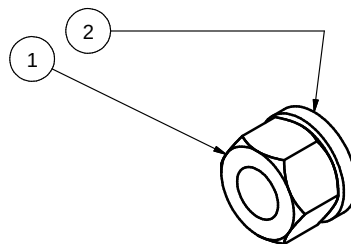
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30054342</u>	<u>PLATE FORMED FENCE PANEL</u> <u>BRACKET 3/4 HORSESHU PAINTED</u>	<u>1.00000</u>
<u>000002</u>	<u>P-SH0616</u>	<u>FASTENER BOLT HHS DIN 933 - M6 X</u> <u>16 - 8.8 - FT - CZP</u>	<u>1.00000</u>
<u>000003</u>	<u>P-WF0600</u>	<u>WASHER FLAT M6 HARDENED STEEL</u> <u>NARROW SERIES (13MM) ZINC</u> <u>PLATED</u>	<u>1.00000</u>
<u>000005</u>	<u>30082693</u>	<u>FASTENER NUT HEX PREV TQU DIN</u> <u>980 - M6 - 8 - CZP</u>	<u>1.00000</u>

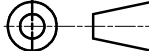


INCHES THIRD ANGLE PROJECTION  UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table border="0"> <tr> <td>FRACTIONS ± 1/32 ANGLES ± 1°</td> <td>DECIMALS X.X± .030 X.XX± .015 X.XXX± .005</td> <td>FLATNESS ± 1/16 PER FOOT</td> </tr> </table>			FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X± .030 X.XX± .015 X.XXX± .005	FLATNESS ± 1/16 PER FOOT	 TITLE KIT 3/4 HORSESHOE WITH HARDWARE		
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X± .030 X.XX± .015 X.XXX± .005	FLATNESS ± 1/16 PER FOOT						
REFERENCE NO. 30153012		MATERIAL						
SIZE B	DRAFTER PSC	ENGINEER PSC	DRAWING NUMBER 30153011					
SCALE NTS		DATE 4/25/2011		SHEET 1 OF 1				
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.								

Item Number: FEN001.000008
Part Number: 30153013
Part Description: KIT M-14X2.0 HEX NUT AND LOCK WASHER

Item	Part#	Description	Qty
000001	31024480	FASTENER NUT HEX M14X2.0	1.00000
000002	31024583	WASHER SPLIT LOCK M14	1.00000

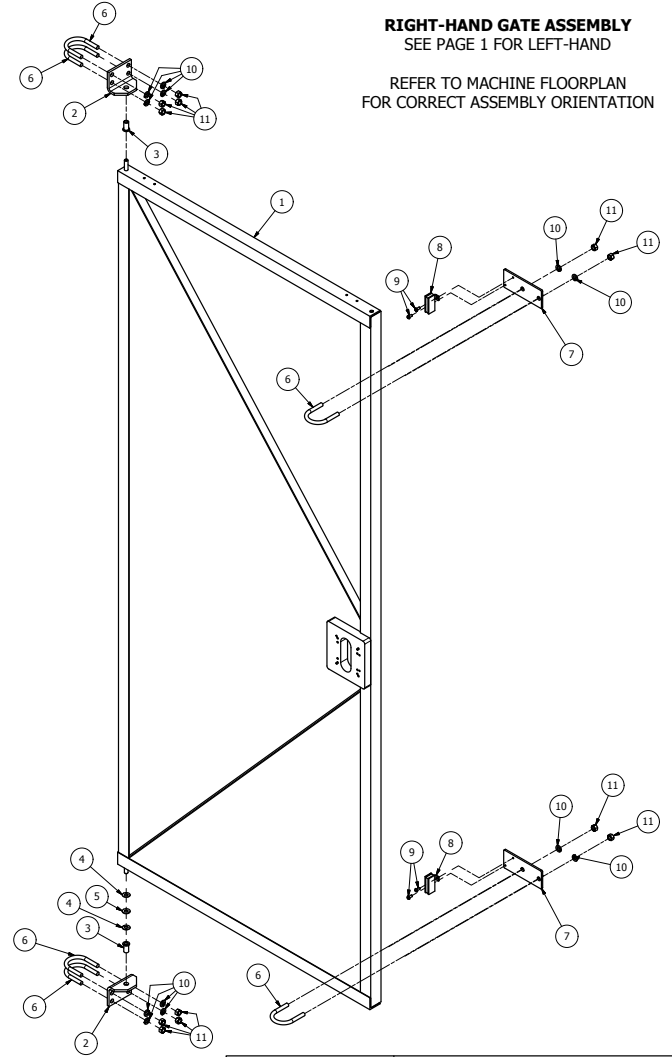
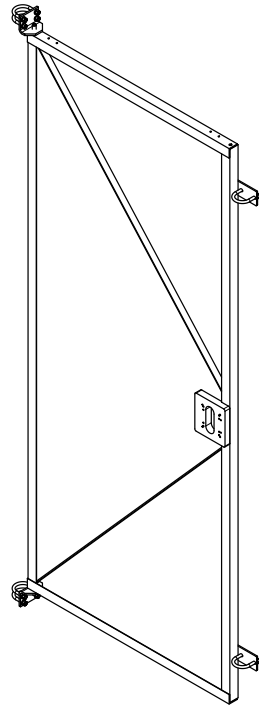
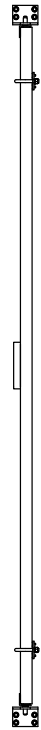
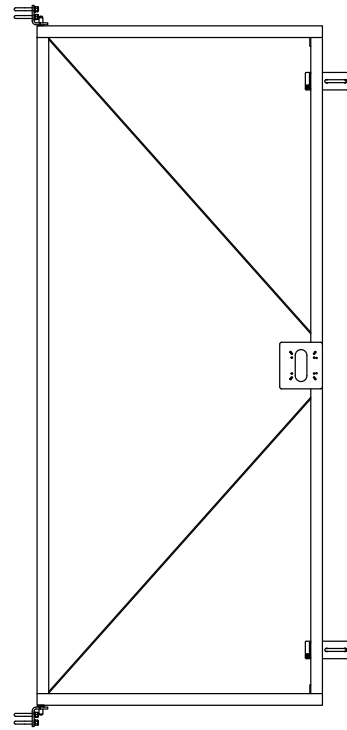
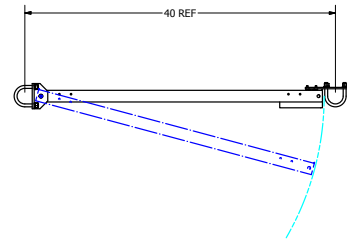


INCHES THIRD ANGLE PROJECTION  UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table border="0"> <tr> <td>FRACTIONS ± 1/32</td> <td>DECIMALS X.X± .030</td> <td>FLATNESS ± 1/16</td> </tr> <tr> <td>ANGLES ± 1'</td> <td>X.XX± .015</td> <td>PER FOOT X.XXX± .005</td> </tr> </table>			FRACTIONS ± 1/32	DECIMALS X.X± .030	FLATNESS ± 1/16	ANGLES ± 1'	X.XX± .015	PER FOOT X.XXX± .005	Lantech®		
FRACTIONS ± 1/32	DECIMALS X.X± .030	FLATNESS ± 1/16									
ANGLES ± 1'	X.XX± .015	PER FOOT X.XXX± .005									
TITLE KIT M-14X2.0 HEX NUT AND LOCK WASHER											
REFERENCE NO. N/A			MATERIAL								
SIZE B	DRAFTER PSC	ENGINEER PSC	DRAWING NUMBER 30153013								
SCALE NTS		DATE 4/25/2011		SHEET 1 OF 1							
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.											

Item Number: FEN002
 Part Number: 30232899
 Part Description: FENCE GATE ASM LEAN SERIES LEFT-HAND OR RIGHT-HAND SWINGING GATE SCHMERSAL GATE SWITCH

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30226538</u>	<u>FENCE PANEL FAB 40 X 87-1/2 FOR</u> <u>SCHMERSAL AND FORTRESS</u> <u>HANDLE STD/RVS MILLED PLATE</u>	<u>1.00000</u>
<u>000002</u>	<u>30124573</u>	<u>ANGLE FORMED FENCE PANEL</u> <u>GATE MOUNT SHORT</u>	<u>2.00000</u>
<u>000003</u>	<u>30019103</u>	<u>BUSHING FLANGED 3/8 ID X 1/2 OD X</u> <u>1</u>	<u>2.00000</u>
<u>000004</u>	<u>30013192</u>	<u>WASHER THRUST .802 IN OD X .378</u> <u>IN ID</u>	<u>2.00000</u>
<u>000005</u>	<u>30013191</u>	<u>BEARING THRUST .802 OD X .378ID</u> <u>NEEDLE</u>	<u>1.00000</u>
<u>000006</u>	<u>30038006</u>	<u>FASTENER U-BOLT 3/8-16 X 1.9ID X 1-</u> <u>1/4</u>	<u>6.00000</u>
<u>000010</u>	<u>30055508</u>	<u>MOUNT PLATE MAGNET FENCE</u> <u>GATE PAINTED</u>	<u>2.00000</u>
<u>000011</u>	<u>P-010737</u>	<u>MAGNET MAGNA-GRIP HOLDING</u> <u>(EA.)</u>	<u>2.00000</u>
<u>000012</u>	<u>30105162</u>	<u>FASTENER BOLT BHCS ISO 7380 - M5</u> <u>X 12 - 10.9 - FT - CZP</u>	<u>4.00000</u>
<u>000013</u>	<u>S-005114</u>	<u>WASHER LOCK 3/8</u>	<u>12.00000</u>
<u>000014</u>	<u>S-007438</u>	<u>FASTENER NUT HEX 3/8-16 GRADE 8</u>	<u>12.00000</u>
<u>000015</u>	<u>30135076</u>	<u>SPACER ROUND STEEL 1 1/2 OD</u> <u>21/32 ID 1/4 THICK PAINTED BLACK</u>	<u>1.00000</u>

ECN # 719211	ITEM 1 WAS 30232900.		ECN # 718042	ADDED ITEM 15 (30135076). ADDED SHEET 3.	
B			A		
	INT. JRL	DATE: 11/25/2019		INT. ACH	DATE: 5/21/2019



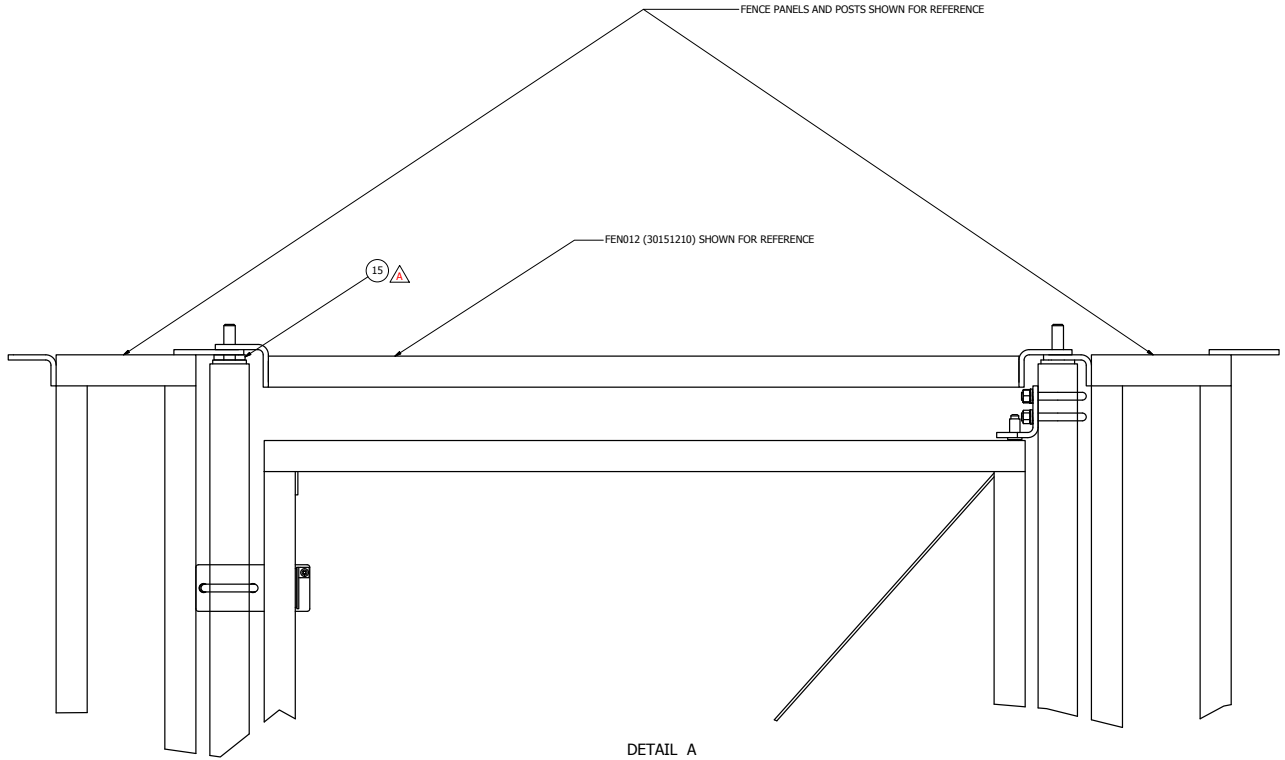
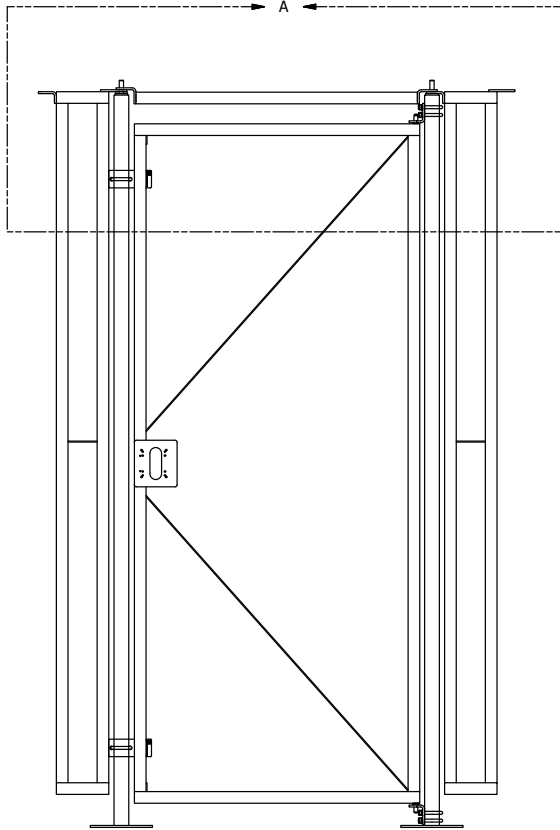
RIGHT-HAND GATE ASSEMBLY
SEE PAGE 1 FOR LEFT-HAND

REFER TO MACHINE FLOORPLAN
FOR CORRECT ASSEMBLY ORIENTATION

INCHES			Lantech	
THIRD ANGLE PROJECTION			TITLE: FENCE GATE ASM LEAN SERIES LEFT-HAND OR RIGHT-HAND SWINGING GATE SCHMERSAL GATE SWITCH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. 30155360	MATERIAL
FRACTIONS 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8	DECIMALS 0.0005, 0.001, 0.002, 0.005, 0.010, 0.015, 0.030, 0.060, 0.125	FLATNESS 0.0005, 0.001, 0.002, 0.005, 0.010, 0.015, 0.030, 0.060, 0.125	SIZE DRAFTER D TJP	ENGINEER
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			SCALE: 1=8	DATE: 4/15/2019
DRAWING NUMBER 30232899			SHEET 2	OF 3

ECON # 72811	ITEM 1 WAS 30232900.	ECON # 72805	ADDED ITEM 15 (30135076), ADDED SHEET 3.
B	INT. JRL	A	INT. ACH
DATE: 11/25/2019		DATE: 5/21/2019	

8 7 6 5 4 3 2 1



DETAIL A
SCALE 1/3

ECN #	ITEM 1 WAS 30232900.	ECN #	ADDED ITEM 15 (30135076), ADDED SHEET 3.
B	INT. JRL	A	INT. ACH
	DATE: 11/25/2019		DATE: 3/21/2019

INCHES			Lantech®	
THIRD ANGLE PROJECTION			TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			FENCE GATE ASM LEAN SERIES LEFT-HAND OR RIGHT-HAND SWINGING GATE SCHMERSAL GATE SWITCH	
TOLERANCES ARE:			REFERENCE NO.	MATERIAL
FRACTIONS 1/16 ANGLES 1° DECIMALS 0.0005 X.0005 PER FOOT FLATNESS 0.004 X.004 X.004			30155360	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			SIZE/DRAFTER	ENGINEER
			D TJP	TJP
			SCALE	DATE
			1/8	4/15/2019
			SHEET	DRAWING NUMBER
			3	30232899
			OF	3

8 7 6 5 4 3 2 1

Item Number: FEN003
Part Number: 30221319
Part Description: FENCE ASM SL-SERIES STD/RVS FLOW (FEN003)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30146425</u>	<u>FENCE POST FAB 1.90 OD X 0.109</u> <u>WALL X 94-1/2</u>	<u>8.00000</u>
<u>000002</u>	<u>30146404</u>	<u>FENCE PANEL FAB 40 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>5.00000</u>
<u>000003</u>	<u>30146402</u>	<u>FENCE PANEL FAB 20 X 90-1/2</u> <u>OVERLAPPED DESIGN</u>	<u>2.00000</u>
<u>000004</u>	<u>30135076</u>	<u>SPACER ROUND STEEL 1 1/2 OD</u> <u>21/32 ID 1/4 THICK PAINTED BLACK</u>	<u>1.00000</u>
<u>000005</u>	<u>30153011</u>	<u>KIT 3/4 HORSESHOE WITH</u> <u>HARDWARE</u>	<u>14.00000</u>
<u>000006</u>	<u>30153013</u>	<u>KIT M-14X2.0 HEX NUT AND LOCK</u> <u>WASHER</u>	<u>8.00000</u>

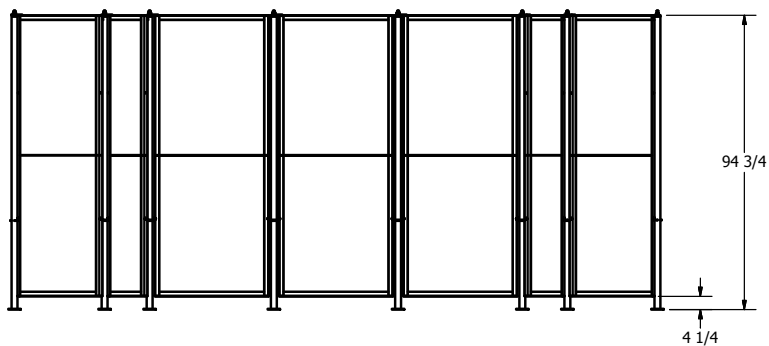
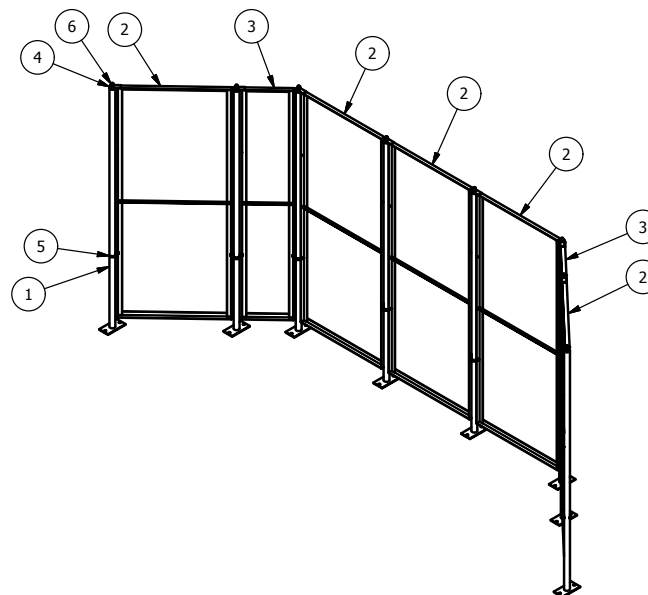
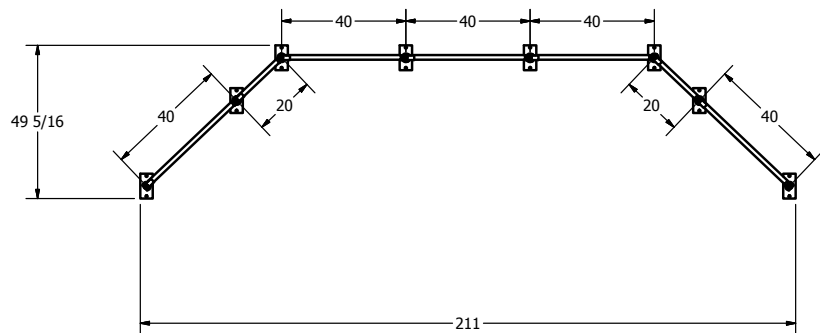
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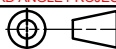
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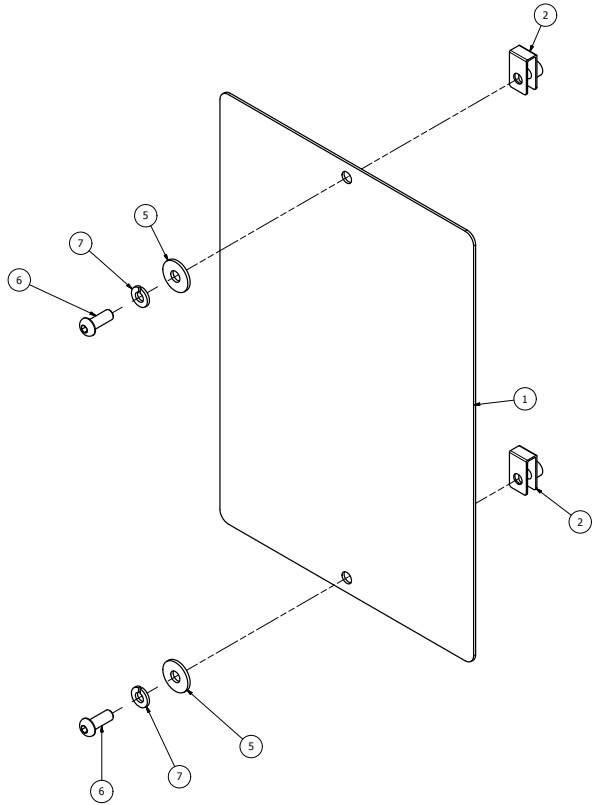
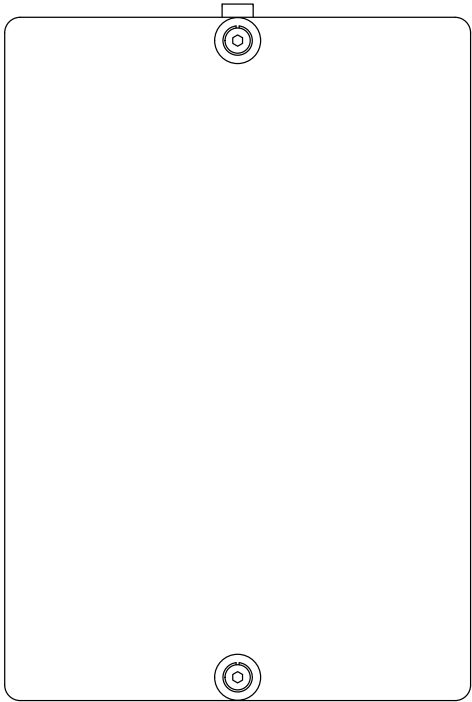
PARTS LIST: 30221319			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	30146425	FENCE POST FAB 1.90 OD X 0.109 WALL X 94-1/2
2	5	30146404	FENCE PANEL FAB 40 X 90-1/2 OVERLAPPED DESIGN
3	2	30146402	FENCE PANEL FAB 20 X 90-1/2 OVERLAPPED DESIGN
4	1	30135076	SPACER ROUND STEEL 1 1/2 OD 21/32 ID 1/4 THICK PAINTED BLACK
5	14	30153011	KIT 3/4 HORSESHOE WITH HARDWARE
6	8	30153013	KIT M-14X2.0 HEX NUT AND LOCK WASHER



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			FENCE ASM SL-SERIES STD/RVS FLOW (FEN003)		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			REFERENCE NO.		
FRACTIONS ± 1/32	DECIMALS X.XX ± .015	FLATNESS ± 1/16 PER FOOT	30151204		
ANGLES ± 1°	X.XXX ± .005		SIZE B	DRAFTER TJP	ENGINEER TJP
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.			DRAWING NUMBER 30221319		
SCALE 1 / 40			DATE 5/3/2018		SHEET 1 OF 1

Item Number: FEN004
Part Number: 30051706
Part Description: LABEL INSTALLATION PLATE KIT WITH MOUNTING HARDWARE FOR SAFETY FENCING DOOR AND PANEL (PAINTED) (DOES NOT INCLUDE LABEL)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30011331</u>	<u>PLATE LABEL FENCE</u>	<u>1.00000</u>
<u>000002</u>	<u>30033162</u>	<u>FASTENER NUT FOLDOVER</u> <u>M6X1.0X5MM PANEL THICKNESS MAX</u>	<u>2.00000</u>
<u>000005</u>	<u>30040493</u>	<u>WASHER FLAT LARGE DIN 9021B - M6</u> <u>- CZP</u>	<u>2.00000</u>
<u>000006</u>	<u>30002454</u>	<u>FASTENER SCREW MACHINE M6X1.0</u> <u>X 16MM BUTTON HEAD</u>	<u>2.00000</u>
<u>000007</u>	<u>31005898</u>	<u>WASHER LOCK M6 X 1.0</u>	<u>2.00000</u>



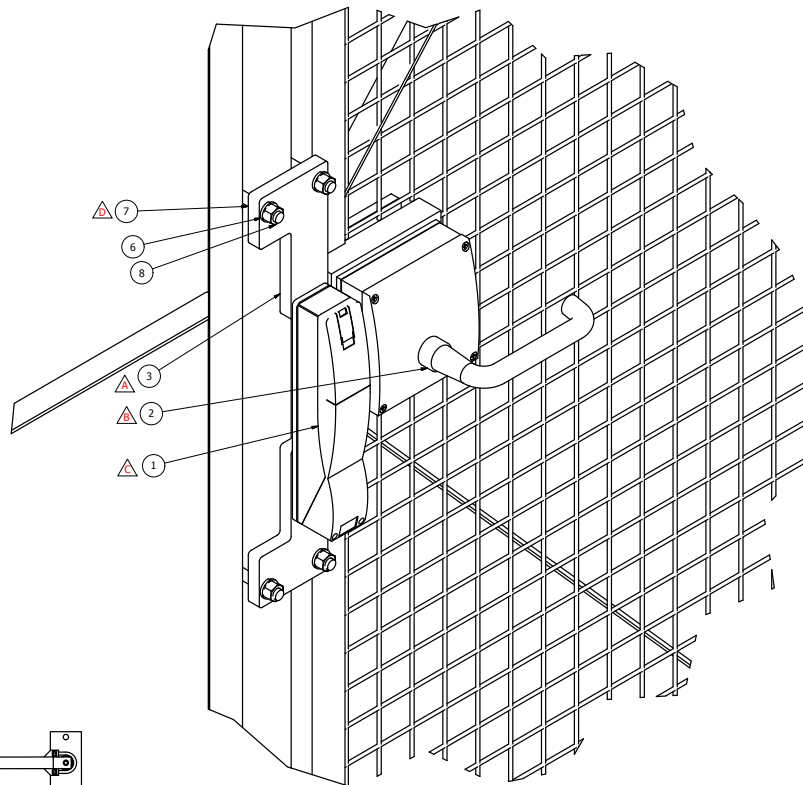
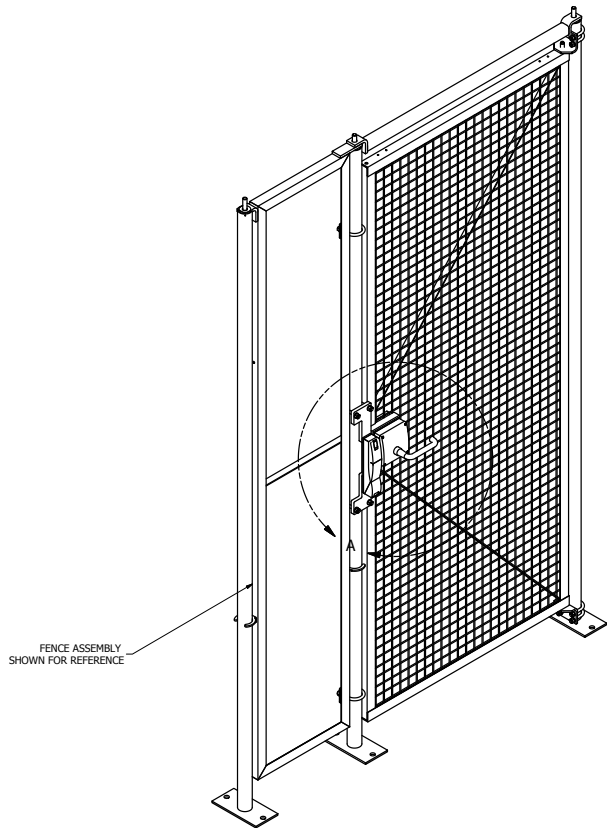
MODULE CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP. ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS MAY BE NECESSARY TO COMPLETE THE MACHINE. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS.

EON #	ADDED MISSING BALLOONS	EON #	UPDATED PLATE AND FASTENER QTY
B	INT. MKN	A	INT. CAP
	DATE: 20 SEP 2009		DATE: 13 JAN 2009

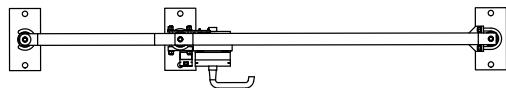
INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			LABEL INSTALLATION PLATE KIT WITH MOUNTING HARDWARE FOR SAFETY FENCING DOOR AND PANEL (PAINTED) (DOES NOT INCLUDE LABEL)		
TOLERANCES ARE:			REFERENCE NO. MATERIAL		
FRACTIONS			N/A		
DECIMALS			SIZE DRAFTER		
ANGLES			D LCB		
FLATNESS			SCALE		
PER FOOT			1=1		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			DATE		
			3/23/2001		
			DRAWING NUMBER		
			30051706		
			SHEET 1 OF 1		

Item Number: FEN005
 Part Number: 30220852
 Part Description: KIT SAFETY GATE SWITCH SCHMERSAL AZM 200 FOR RIGHT SIDE HINGED GATE WITH INTEGRAL UNLOCK
 BUTTON FOR SWITCH CENTER MOUNT DOOR 10M CABLE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30238849</u>	<u>SWITCH SAFETY KEY INTERLOCKED</u> <u>SOLENOID LOCK 24VDC 12P M23</u> <u>AZM201</u>	<u>1.00000</u>
<u>000002</u>	<u>30238850</u>	<u>SWITCH SAFETY KEY INTERLOCKED</u> <u>RIGHT HINGED GUARD HANDLE</u> <u>W/OUT EMERGENCY OPERATOR</u> <u>AZM201</u>	<u>1.00000</u>
<u>000003</u>	<u>30226533</u>	<u>MOUNT PLATE GATE SWITCH ON</u> <u>FENCE POST</u>	<u>2.00000</u>
<u>000004</u>	<u>30127745</u>	<u>CABLE ELECTRICAL AB M23 QUICK</u> <u>DISCONNECT 12 PIN 12 COND 18 AWG</u> <u>PVC YELLOW 10M</u>	<u>1.00000</u>
<u>000006</u>	<u>S-005114</u>	<u>WASHER LOCK 3/8</u>	<u>4.00000</u>
<u>000007</u>	<u>30247315</u>	<u>FASTENER U-BOLT 3/8-16 X 2 IN ID X 3</u> <u>IN HEIGHT ZINC PLATED</u>	<u>2.00000</u>
<u>000008</u>	<u>S-007438</u>	<u>FASTENER NUT HEX 3/8-16 GRADE 8</u>	<u>4.00000</u>
<u>000009</u>	<u>30178201</u>	<u>FASTENER BOLT SHCS DIN 912 - M5 X</u> <u>25 - 10.9 - FT - CZP</u>	<u>2.00000</u>
<u>000010</u>	<u>31024398</u>	<u>FASTENER BOLT M6X1.0 X 12MM</u> <u>SHCS</u>	<u>8.00000</u>
<u>000012</u>	<u>30145156</u>	<u>WASHER FLAT NORMAL DIN 125A - M5</u> <u>- CZP</u>	<u>2.00000</u>



DETAIL A

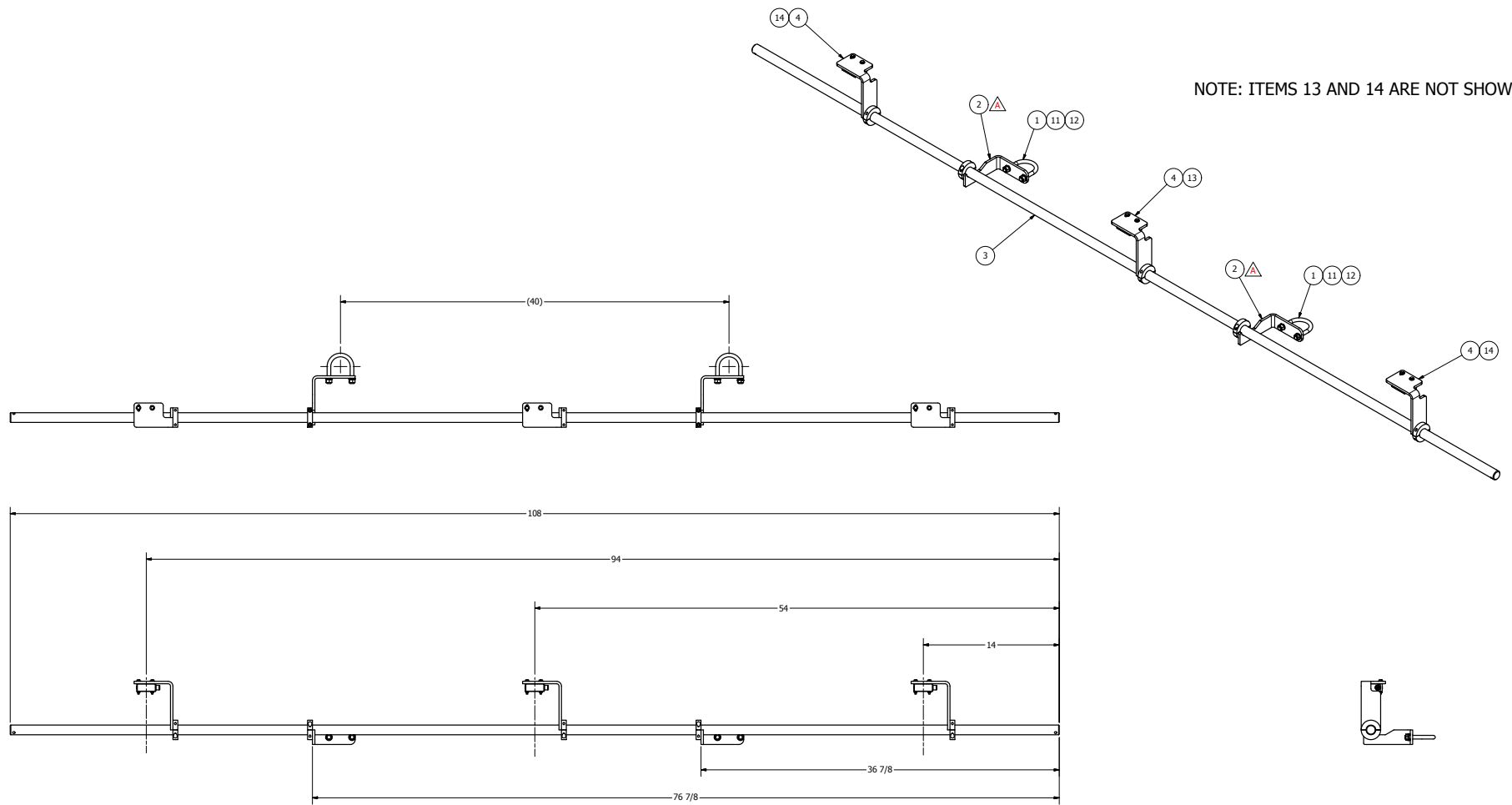


ECH # 72190	REPLACE 30038006 (ITEM #7) WITH 30247315	ECH # 72191	REPLACE 30210657 (ITEM #1) WITH 30238849	ECH # 72198	REPLACE 30210902 (ITEM #2) WITH 30238850	ECH # 71920	ITEM 3 AND ITEM 11 REMOVED, 2 OF ITEM 3 ADDED
D	INT, DUF	C	INT, DUF	B	INT, DUF	A	INT, JRC
	DATE: 1/13/2021		DATE: 1/11/2021		DATE: 1/11/2021		DATE: 11/26/2019

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT SAFETY GATE SWITCH SCHMERSAL AZM 200 FOR RIGHT SIDE HINGED GATE WITH INTEGRAL UNLOCK BUTTON FOR SWITCH CENTER MOUNT DOOR 10		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. 30167132		
FRACTIONS 1/16 ANGLES 1°	DECIMALS 0.0005 X.0005 X.0005	FLATNESS 0.116 PER FOOT	SIZE/DRAFTER D JRL	ENGINEER JRL	DRAWING NUMBER 30220852
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTech, INC.			SCALE 1=8	DATE 4/23/2019	SHEET 1 OF 1

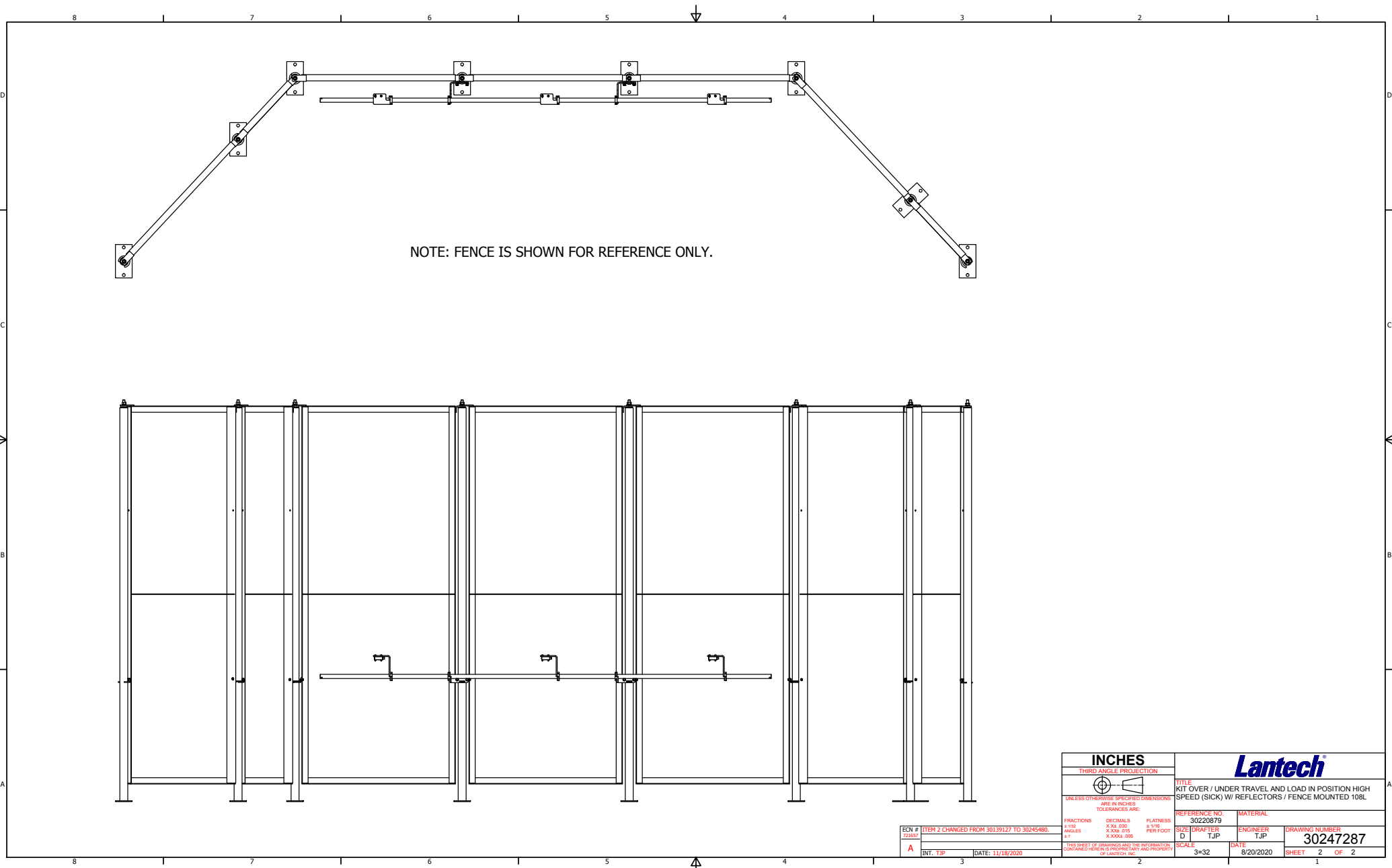
Item Number: FEN015
 Part Number: 30247287
 Part Description: KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30038006</u>	<u>FASTENER U-BOLT 3/8-16 X 1.9ID X 1-1/4</u>	<u>2.00000</u>
<u>000002</u>	<u>30245480</u>	<u>MOUNT FABRICATION PHOTOCELL BRACKET FOR OVER/UNDER TRAVEL PHOTOCELLS ON FENCE</u>	<u>2.00000</u>
<u>000003</u>	<u>30151206</u>	<u>SHAFT PHOTOCELL MOUNT SHAFT OVER / UNDER TRAVEL EXTENDED 108L</u>	<u>1.00000</u>
<u>000004</u>	<u>30247280</u>	<u>KIT OVER UNDER PHOTOCELL FOR 1 INCH BAR</u>	<u>3.00000</u>
<u>000005</u>	<u>30161733</u>	<u>REFLECTOR RECTANGULAR SICK PL40A</u>	<u>3.00000</u>
<u>000006</u>	<u>30161743</u>	<u>MOUNT REFLECTOR TARGET FENCE RECT REFLECTOR</u>	<u>2.00000</u>
<u>000007</u>	<u>30161741</u>	<u>ANGLE REFLECTOR MOUNT RECTANGULAR SICK</u>	<u>1.00000</u>
<u>000011</u>	<u>S-005114</u>	<u>WASHER LOCK 3/8</u>	<u>4.00000</u>
<u>000012</u>	<u>S-007438</u>	<u>FASTENER NUT HEX 3/8-16 GRADE 8</u>	<u>4.00000</u>
<u>000013</u>	<u>30213501</u>	<u>CABLE ELECTRICAL EXTENSION 3 COND 24 AWG STR-F MICRO QD STR-M PICO QD 1M YELLOW PVC</u>	<u>1.00000</u>
<u>000014</u>	<u>30220876</u>	<u>CABLE ELECTRICAL EXTENSION 3 COND 24 AWG STR-F MICRO QD STR-M PICO QD 2M YELLOW PVC</u>	<u>2.00000</u>



INCHES		Lantech®	
THIRD ANGLE PROJECTION		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L	
TOLERANCES ARE:		REFERENCE NO.	
FRACTIONS	DECIMALS	30220879	MATERIAL
1/16	0.001	SIZE DRAFTER	ENGINEER
1/32	0.0005	D	TJP
1/64	0.00025	SCALE	DATE
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.		3=16	8/20/2020
DRAWING NUMBER		30247287	
SHEET		1 OF 2	

ECN #	ITEM 2 CHANGED FROM 30139127 TO 30245480.
7/18/20	
A	INT. TJP
	DATE: 11/18/2020



NOTE: FENCE IS SHOWN FOR REFERENCE ONLY.

ECO #	7/18/20
ITEM 2	CHANGED FROM 30139127 TO 30245480.

INT. TJP

DATE: 11/18/2020

INCHES		THIRD ANGLE PROJECTION		Lantech®	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		TITLE KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L	
FRACTIONS 1/16 ANGLES 1°	DECIMALS 0.0005 X.0005 PPS X.0004 DSE	FLATNESS 0.010 PER FOOT	REFERENCE NO. 30220879	MATERIAL ENGINEER TJP	DRAWING NUMBER 30247287
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTech, INC.		SCALE 3=32	DATE 8/20/2020	SHEET 2	OF 2

Item Number: FEN015.000004
Part Number: 30247280
Part Description: KIT OVER UNDER PHOTOCELL FOR 1 INCH BAR

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30228110</u>	<u>SWITCH PHOTOCELL</u> <u>RETROREFLECTIVE 10-30VDC 12M</u> <u>MAX RANGE PNP M12 4P 1103569</u> <u>(Bulk Pack of 1064704 at QTY 50)</u>	<u>1.00000</u>
<u>000002</u>	<u>30250170</u>	<u>MOUNT FAB SICK PHOTOEYE FOR</u> <u>OVER/UNDER TRAVEL KIT</u>	<u>1.00000</u>
<u>000003</u>	<u>30205180</u>	<u>FASTENER BOLT HHS DIN 931 - M4 X</u> <u>35 - 8.8 - PT - CZP</u>	<u>2.00000</u>
<u>000004</u>	<u>P-WF0400</u>	<u>WASHER FLAT NORMAL DIN 125A - M4</u> <u>- CZP</u>	<u>2.00000</u>
<u>000005</u>	<u>P-NH0400</u>	<u>FASTENER NUT HEX DIN 934 - M4 - 8 -</u> <u>CZP</u>	<u>2.00000</u>

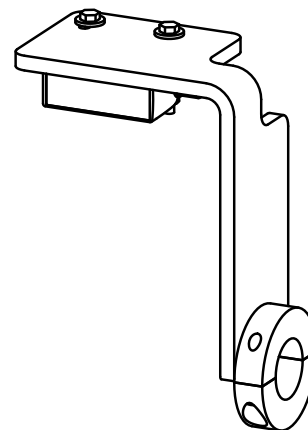
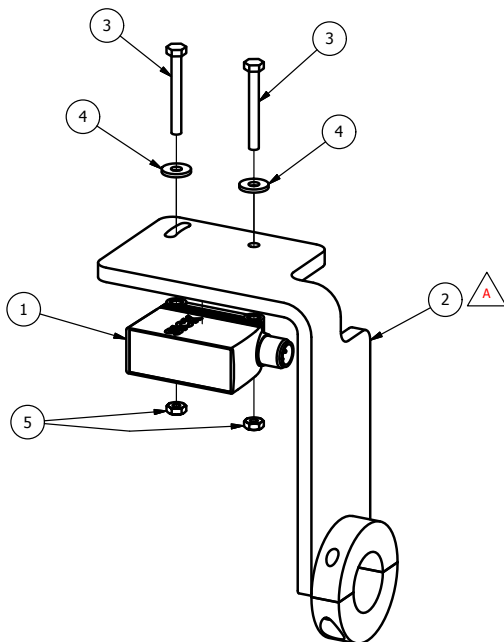
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1

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	30228110
2	1	30250170
3	2	30205180
4	2	P-WF0400
5	2	P-NH0400



INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
			KIT OVER UNDER PHOTOCCELL FOR 1 INCH BAR		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS ± 1/32	DECIMALS X.XX ± .015	FLATNESS ± 1/16	N/A		
ANGLES ± 1°	X.XXX ± .005	PER FOOT	SIZE B	DRAFTER TJP	ENGINEER TJP
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1 / 2	DATE 8/19/2020	DRAWING NUMBER 30247280
			SHEET 1 OF 1		

ECN # 722610	REPLACED 30247282 (ITEM 2) WITH 30250170.
A	
INT. ACH	DATE: 4/23/21

4

3

2

1

A

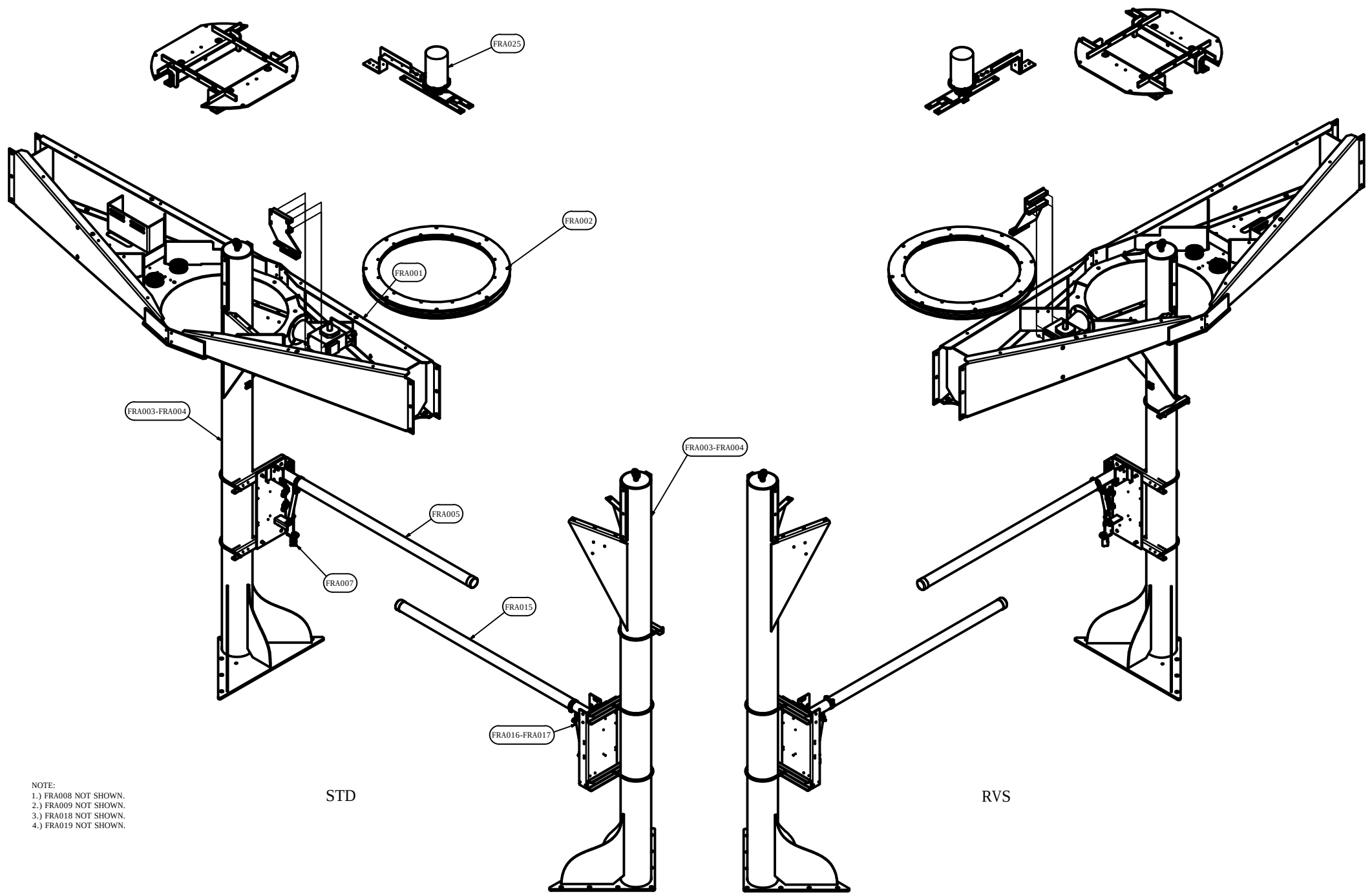
B

C

D

E

F



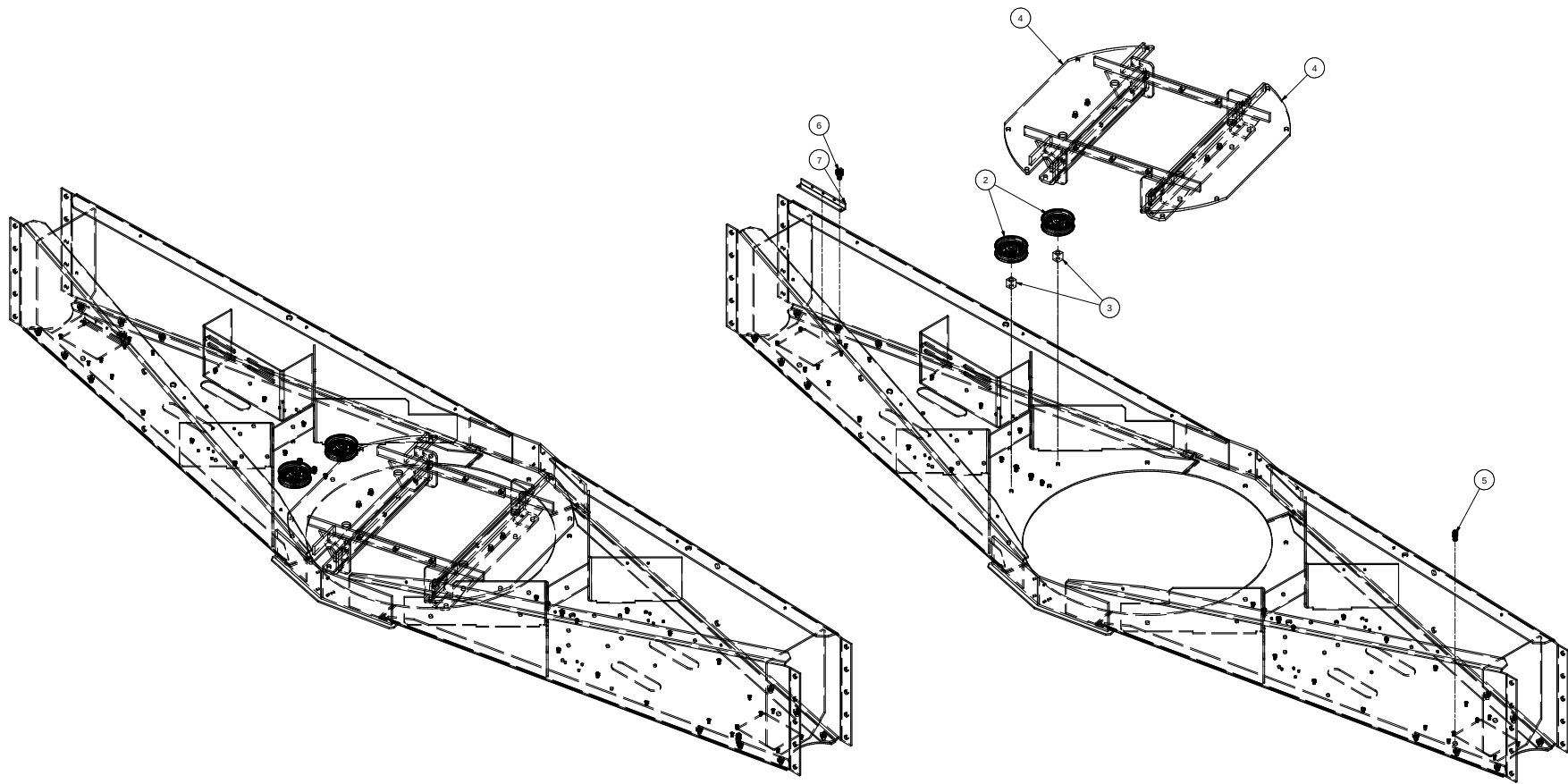
NOTE:
1.) FRA008 NOT SHOWN.
2.) FRA009 NOT SHOWN.
3.) FRA018 NOT SHOWN.
4.) FRA019 NOT SHOWN.

STD

RVS

Item Number: FRA001
 Part Number: 30166763
 Part Description: BASE ASM TWO LEG TOP FRAME 5 HOLE (WITH THREADED RIVET NUTS) FOR FIXTURE V2

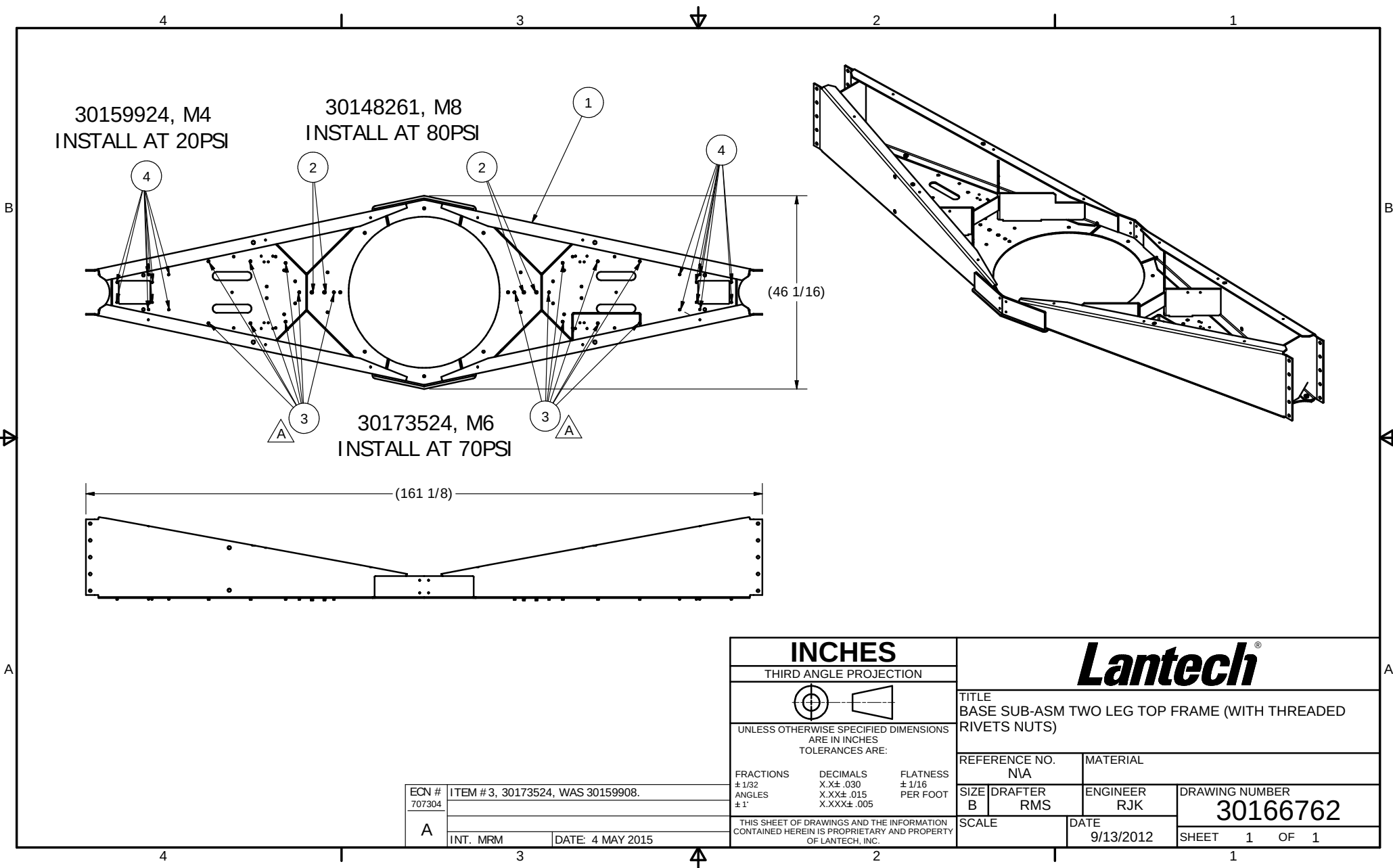
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30166762</u>	<u>BASE SUB-ASM TWO LEG TOP FRAME</u> <u>5 HOLE (WITH THREADED RIVETS</u> <u>NUTS)</u>	<u>1.00000</u>
<u>000002</u>	<u>P-012417</u>	<u>PULLEY BELT IDLER BASE ASM</u> <u>STEEL 1.00 FACE WIDTH 1.43</u> <u>OVERALL WIDTH 4IN FACE DIA 4.75</u> <u>FLANGE DIAMETER 0.510 BORE</u>	<u>2.00000</u>
<u>000003</u>	<u>30133934</u>	<u>BLOCK IDLER PULLEY STANDOFF S-</u> <u>25/35/40</u>	<u>2.00000</u>
<u>000004</u>	<u>30124108</u>	<u>WRAP ARM FAB SADDLE (FOR USE</u> <u>WITH PRECISION BEARING) ALL A36</u> <u>MATERIAL CONSTRUCTION</u>	<u>2.00000</u>
<u>000005</u>	<u>30003715</u>	<u>FITTING BULKHEAD STRAIGHT 1/4 IN</u> <u>NPT TUBE PUSHLOCK</u>	<u>1.00000</u>
<u>000006</u>	<u>30003716</u>	<u>COUPLING INSERT GREASE</u>	<u>1.00000</u>
<u>000007</u>	<u>30052901</u>	<u>SUPPORT ANGLE CABLE/CONDUIT S-</u> <u>SERIES BASE</u>	<u>1.00000</u>
<u>000008</u>	<u>30002708</u>	<u>BELT DRIVE POLY CHAIN GT</u>	<u>1.00000</u>
<u>000009</u>	<u>31044652</u>	<u>RETROFIT KIT S-AUTO COPPER LUBE</u> <u>LINE KIT AND ALL FITTINGS</u>	<u>1.00000</u>
<u>000010</u>	<u>31090390</u>	<u>GROMMET RUBBER 5/16 X 1/2 X 1/4</u>	<u>1.00000</u>
<u>000011</u>	<u>30022844</u>	<u>FASTENER EYE FORGED 1-1/2 ID X</u> <u>3/4-10 X 2 W/ SHOULDER</u>	<u>4.00000</u>
<u>000012</u>	<u>30159710</u>	<u>ILLUSTRATION OF EYE BOLT</u> <u>ORIENTATION</u>	<u>1.00000</u>
<u>000015</u>	<u>31024079</u>	<u>FASTENER BOLT HHS DIN 931 - M12 X</u> <u>70 - 10.9 - PT - CZP</u>	<u>2.00000</u>
<u>000016</u>	<u>P-WF1200</u>	<u>WASHER FLAT NORMAL DIN 125A -</u> <u>M12 - CZP</u>	<u>2.00000</u>
<u>000017</u>	<u>30001732</u>	<u>FASTENER NUT HEX M12X1.75 CLASS</u> <u>10.9</u>	<u>2.00000</u>



INCHES		Lantech	
THIRD ANGLE PROJECTION		TITLE	
		BASE ASM TWO LEG TOP FRAME 5 HOLE (WITH THREADED RIVET NUTS) FOR FIXTURE V2 115WD	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		REFERENCE NO.	MATERIAL
TOLERANCES ARE:		30166763	
FRACTIONS X.XX	DECIMALS X.XX (32)	SIZE/DRAFTER	ENGINEER
ANGLES X°	PER FOOT X.XX (4)	D JRL	JRL
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.		SCALE	DRAWING NUMBER
		1=8	30166763
		DATE	SHEET
		8/4/2014	1 OF 1

Item Number: FRA001.000001
Part Number: 30166762
Part Description: BASE SUB-ASM TWO LEG TOP FRAME 5 HOLE (WITH THREADED RIVETS NUTS)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30166761</u>	<u>BASE FAB 2-LEG TOP FRAME 5 HOLE</u> <u>(W/ HOLES FOR THREADED RIVETS)</u>	<u>1.00000</u>
<u>000002</u>	<u>30148261</u>	<u>FASTENER NUT THREADED INSERT</u> <u>HEX SHANK M8X1.25X21.46MM OPEN</u> <u>ENDED GRIP RANGE 3.8 - 7.9MM</u> <u>(0.150 - 0.311IN) YELLOW ZINC-</u> <u>PLATED STEEL ROHS COMPLIANT</u>	<u>4.00000</u>
<u>000003</u>	<u>30173524</u>	<u>FASTENER NUT THREADED INSERT</u> <u>HEX SHANK M6X1.00X18.6MM OPEN</u> <u>ENDED GRIP RANGE 5.4 - 7.8MM</u> <u>(0.213 - 0.307IN) YELLOW ZINC-</u> <u>PLATED STEEL ROHS COMPLIANT</u>	<u>16.00000</u>
<u>000004</u>	<u>30159924</u>	<u>FASTENER NUT THREADED INSERT</u> <u>HEX SHANK M4X0.7X15.65MM OPEN</u> <u>ENDED GRIP RANGE 5.70 - 7.00MM</u> <u>(0.224 - 0.276IN) YELLOW ZINC-</u> <u>PLATED STEEL ROHS COMPLIANT</u>	<u>16.00000</u>



Item Number: FRA001.000009
Part Number: 31044652
Part Description: RETROFIT KIT S-AUTO COPPER LUBE LINE KIT AND ALL FITTINGS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31004739</u>	<u>TUBE 3/16IN OD X .030 WALL SOFT COPPER</u>	<u>200.00000</u>
<u>000003</u>	<u>30003716</u>	<u>COUPLING INSERT GREASE</u>	<u>2.00000</u>
<u>000004</u>	<u>31023242</u>	<u>FITTING COMPRESSION 1/8 NPT TO 3/16 TUBE STRAIGHT</u>	<u>3.00000</u>
<u>000005</u>	<u>31028051</u>	<u>FITTING AIR COMPRESSION 1/8 NPT TO 3/16 90 DEGREE (NUT AND SLEEVE ARE SEPARATE)</u>	<u>1.00000</u>
<u>000006</u>	<u>S-005406</u>	<u>FITTING GREASE ZERK 1/8 NPT STR</u>	<u>1.00000</u>
<u>000007</u>	<u>30055838</u>	<u>FITTING ADAPTER STRAIGHT G1/8 METRIC MALE TO 1/8 NPT FEMALE</u>	<u>1.00000</u>

1	2	3	4	5	6	7	8	MATERIAL	AS NOTED
---	---	---	---	---	---	---	---	----------	----------

A

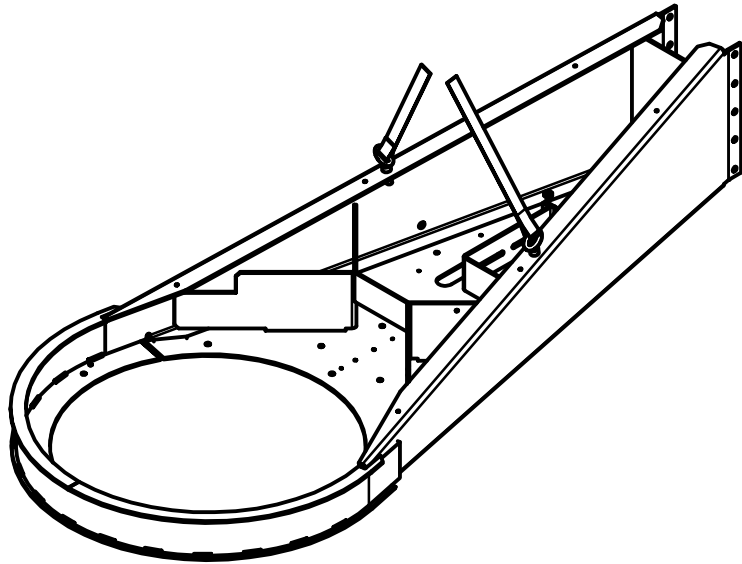
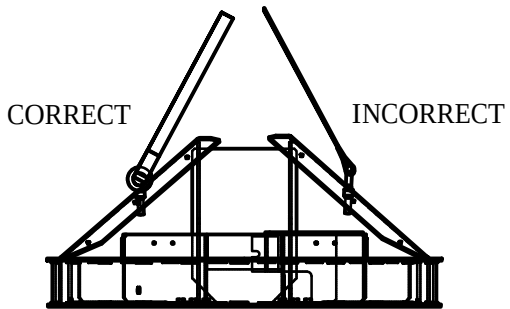
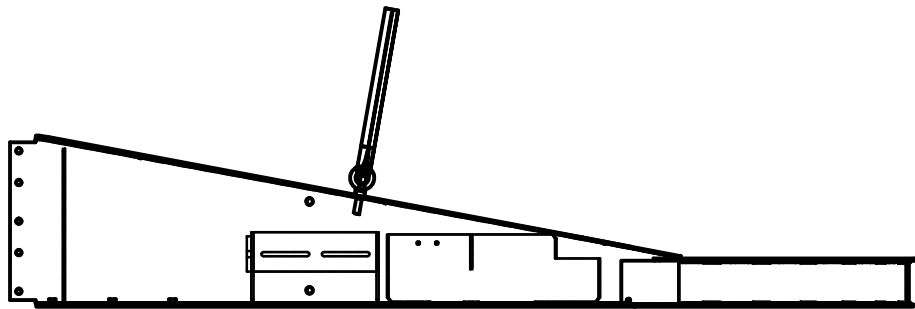
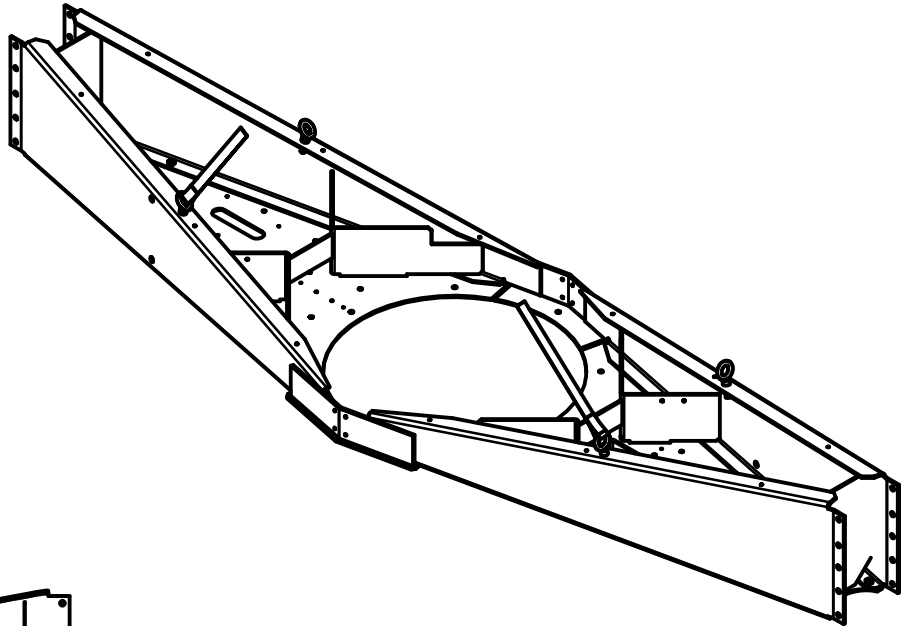
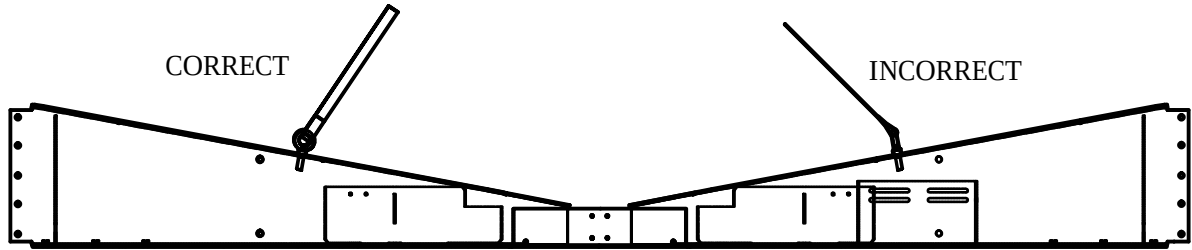
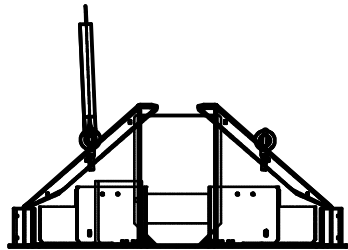
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C

D

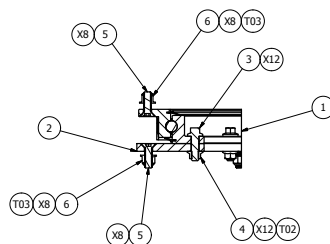
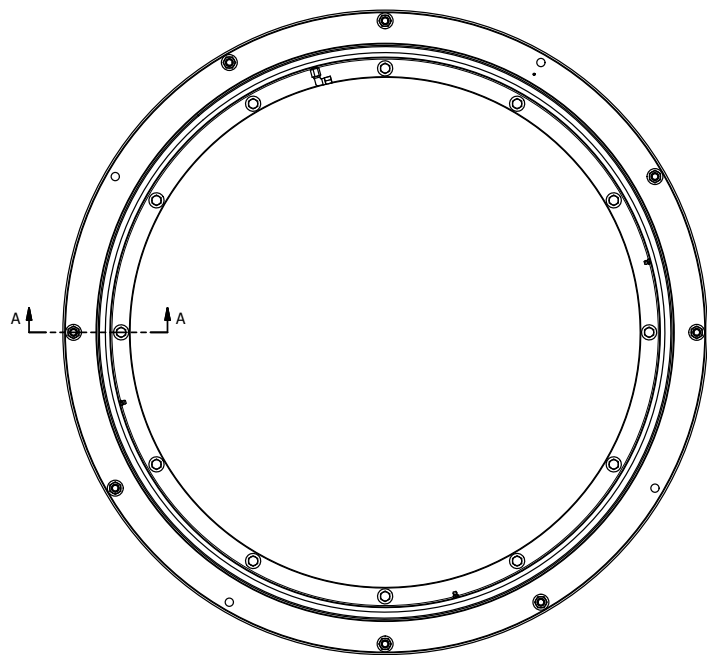
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F

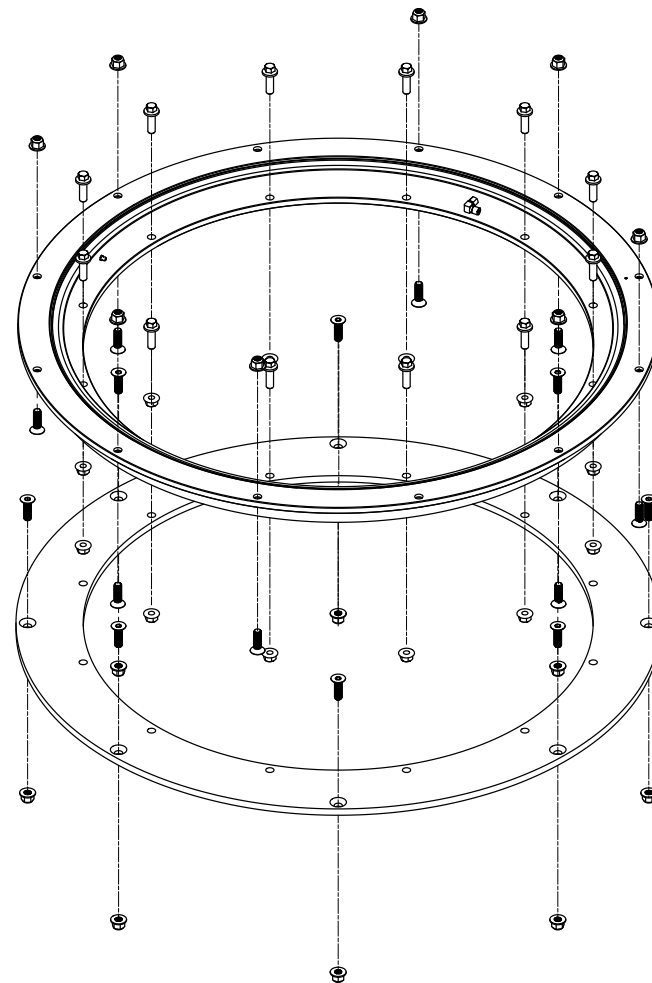
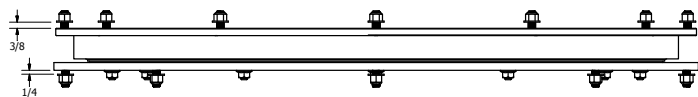


Item Number: FRA002
 Part Number: 30193290
 Part Description: BEARING ASM - MULTI-ENVIRONMENT W/TOP FRAME ADAPTER PLATE BOLTED - METRIC

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30191250</u>	<u>BEARING ASM - S SERIES 25/35/40</u> <u>WRAP ARM ROTATION MULTI-</u> <u>ENVIRONMENT W/ TRACTION BAND</u>	<u>1.00000</u>
<u>000002</u>	<u>30193289</u>	<u>PLATE WRAP ARM BEARING</u> <u>ADAPTER - METRIC BOLTED</u> <u>VERSION</u>	<u>1.00000</u>
<u>000003</u>	<u>30095060</u>	<u>FASTENER BOLT M12X1.75 X 40MM</u> <u>HEX FLANGE CLASS 10.9 ZINC</u> <u>PLATED</u>	<u>12.00000</u>
<u>000004</u>	<u>30124128</u>	<u>FASTENER NUT FLANGE PLAIN FACE</u> <u>M12X1.75 CLASS 10.9</u>	<u>12.00000</u>
<u>000005</u>	<u>30195532</u>	<u>FASTENER BOLT MACHINE M12 X</u> <u>1.75 X 35 MM DIN7991 - HEX DRIVE</u> <u>CLASS 10.9 ZINC FINISH ALLOY</u> <u>STEEL FLAT SOCKET CAP SCREW</u>	<u>16.00000</u>
<u>000006</u>	<u>30191239</u>	<u>FASTENER NUT M12 X 1.75 DIN 6927</u> <u>CLASS 10 ZINC PLATED TOP LOCK</u> <u>FLANGE NUT</u>	<u>16.00000</u>
<u>T02</u>	<u>31020935</u>	<u>TORQUE SPECIFICATION 75 FT-LBS</u> <u>(102 N-M) SINGLE SET TIGHTENING</u>	<u>12.00000</u>
<u>T03</u>	<u>31021222</u>	<u>TORQUE SPECIFICATION 62 FT-LBS</u> <u>(84 N-M) SINGLE SET TIGHTENING</u>	<u>16.00000</u>



SECTION A-A
SCALE 1 / 4



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE BEARING ASM - MULTI-ENVIRONMENT W/ TOP FRAME ADAPTER PLATE BOLTED - METRIC		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO. 30191251		
TOLERANCES ARE:			MATERIAL		
FRACTIONS ±.005	DECIMALS ±.005	FLATNESS ±.010	SIZE/DRAFTER D DJF	ENGINEER DJF	DRAWING NUMBER 30193290
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			SCALE 1=4	DATE 11/10/2015	SHEET 1 OF 1

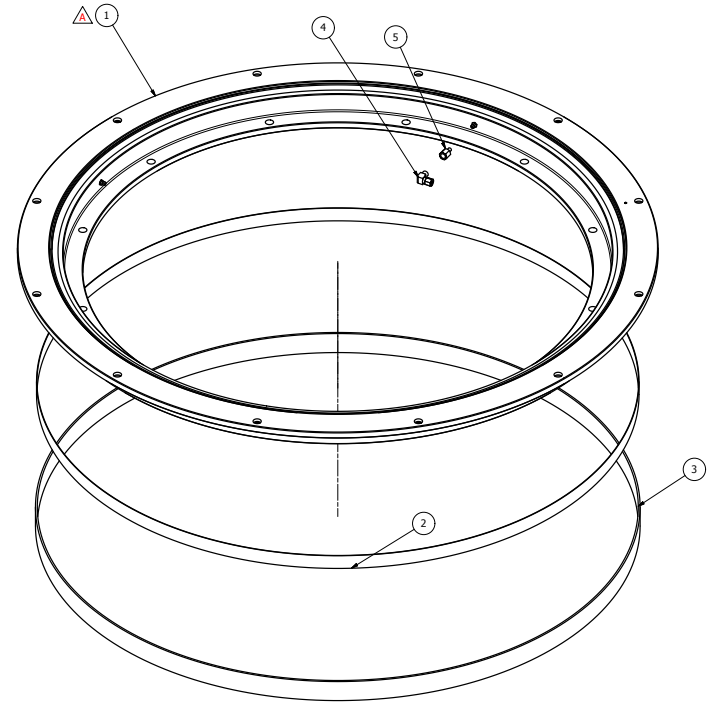
Item Number: FRA002.000001
Part Number: 30191250
Part Description: BEARING ASM - S SERIES 25/35/40 WRAP ARM ROTATION MULTI-ENVIRONMENT W/ TRACTION BAND

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30243820</u>	<u>BEARING RING 37 IN RACE DIA 4</u> <u>POINT CONTACT WITH BEARING</u> <u>SEPARATOR STRIP MULTI-</u> <u>ENVIRONMENT WITH CASSIDA EPS 2</u> <u>GREASE (FOOD GRADE) - METRIC</u>	<u>1.00000</u>
<u>000002</u>	<u>30092082</u>	<u>TAPE DOUBLE SIDED 1 WIDE X 116</u> <u>LONG (SEE NOTES)</u>	<u>1.00000</u>
<u>000003</u>	<u>40089301</u>	<u>BELT FRICTION 3MM X 1-1/2IN X 115IN</u> <u>URETHANE TRACTION FOR BEARING.</u>	<u>1.00000</u>
<u>000004</u>	<u>31028051</u>	<u>FITTING AIR COMPRESSION 1/8 NPT</u> <u>TO 3/16 90 DEGREE (NUT AND SLEEVE</u> <u>ARE SEPARATE)</u>	<u>1.00000</u>
<u>000005</u>	<u>S-007532</u>	<u>FITTING ADAPTER STR 1/4-28 UNF 1/8</u> <u>NPTF</u>	<u>1.00000</u>



ASSEMBLY INSTRUCTIONS:

1. APPLY ITEM #2 (TAPE) WITH UPPER EDGE CONTACTING OUTER BEARING FLANGE.
2. STRETCH ITEM #3 (TRACTION BAND) OVER ITEM #2.
3. APPLY PRESSURE TO TRACTION BAND WITH A HARD ROLLER TO ENSURE BAND IS SECURELY BONDED TO TAPE AND BEARING.

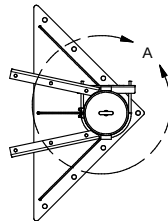
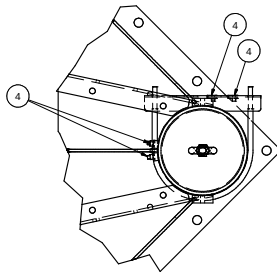
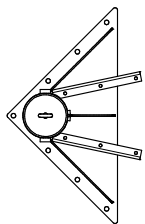


ECH #	REPLACE 30178013 (ITEM #1) WITH 30243820
INT. DJF	DATE: 09/14/2020

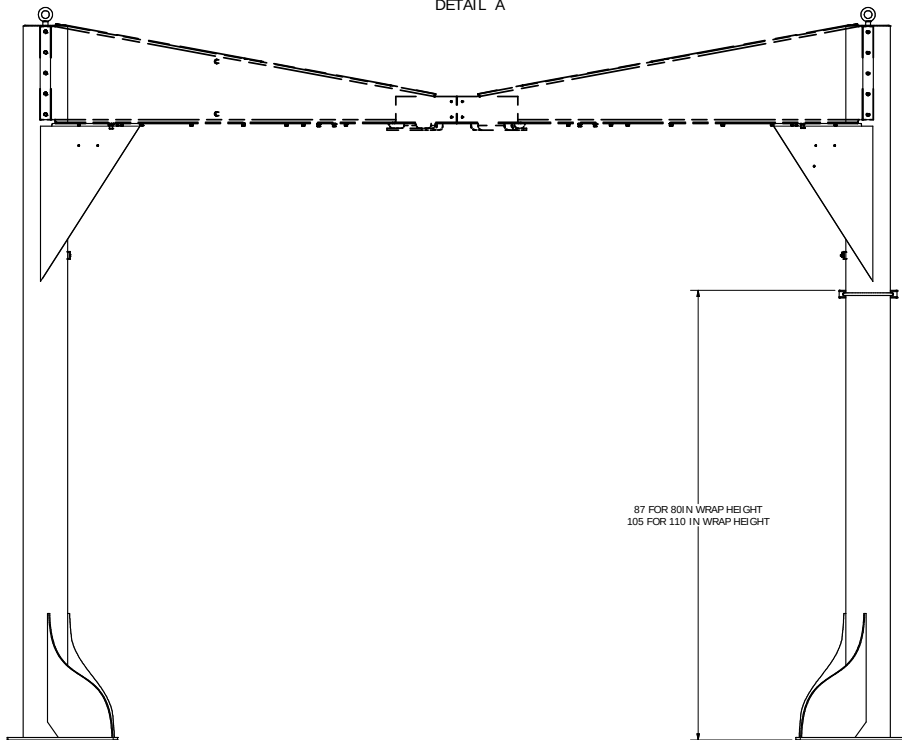
INCHES THIRD ANGLE PROJECTION 																						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table><thead><tr><th>FRACTIONS</th><th>DECIMALS</th><th>FLATNESS</th></tr></thead><tbody><tr><td>1/16</td><td>0.001</td><td>0.001</td></tr><tr><td>1/32</td><td>0.002</td><td>0.002</td></tr><tr><td>1/64</td><td>0.004</td><td>0.004</td></tr><tr><td>1/32</td><td>0.008</td><td>0.008</td></tr><tr><td>1/16</td><td>0.015</td><td>0.015</td></tr></tbody></table>			FRACTIONS	DECIMALS	FLATNESS	1/16	0.001	0.001	1/32	0.002	0.002	1/64	0.004	0.004	1/32	0.008	0.008	1/16	0.015	0.015	TITLE BEARING ASM - S SERIES 25/35/40 WRAP ARM ROTATION MULTI-ENVIRONMENT W/ TRACTION BAND	
FRACTIONS	DECIMALS	FLATNESS																				
1/16	0.001	0.001																				
1/32	0.002	0.002																				
1/64	0.004	0.004																				
1/32	0.008	0.008																				
1/16	0.015	0.015																				
			REFERENCE NO. 30140341	MATERIAL																		
			SIZE D	ENGINEER JGK																		
			DRAWING NUMBER 30191250																			
NOTED: IF ANY DIMENSION OR INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 3=8	DATE 7/28/2015																		
			SHEET 1	OF 1																		

Item Number: FRA004
Part Number: 30166767
Part Description: KIT LEG ASM STD NFB 5 HOLE TWO LEG BASE MOUNT FREE STANDING ENCLOSURE FOR FIXTURE V2

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30166766</u>	<u>LEG FAB NFB BASE MOUNT 5 HOLE (S-CURVE GUSSET)</u>	<u>2.00000</u>
<u>000002</u>	<u>30124585</u>	<u>CHANNEL FORMED S-AUTO LEG WIRE MOUNT</u>	<u>1.00000</u>
<u>000003</u>	<u>30020592</u>	<u>FASTENER U-BOLT 1/2-13 X 8-3/4 ID X 10-7/8</u>	<u>1.00000</u>
<u>000004</u>	<u>30033162</u>	<u>FASTENER NUT FOLDOVER M6X1.0X5MM PANEL THICKNESS MAX</u>	<u>4.00000</u>

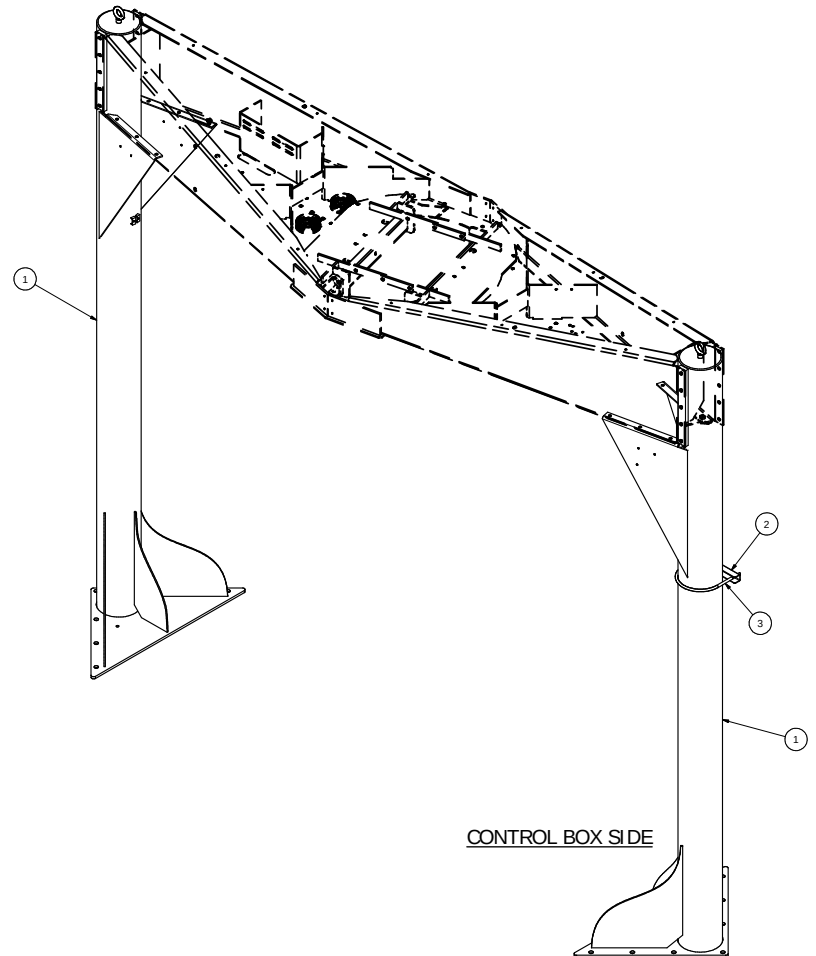


DETAIL A



87 FOR 80 IN WRAP HEIGHT
105 FOR 110 IN WRAP HEIGHT

CONTROL BOX SIDE

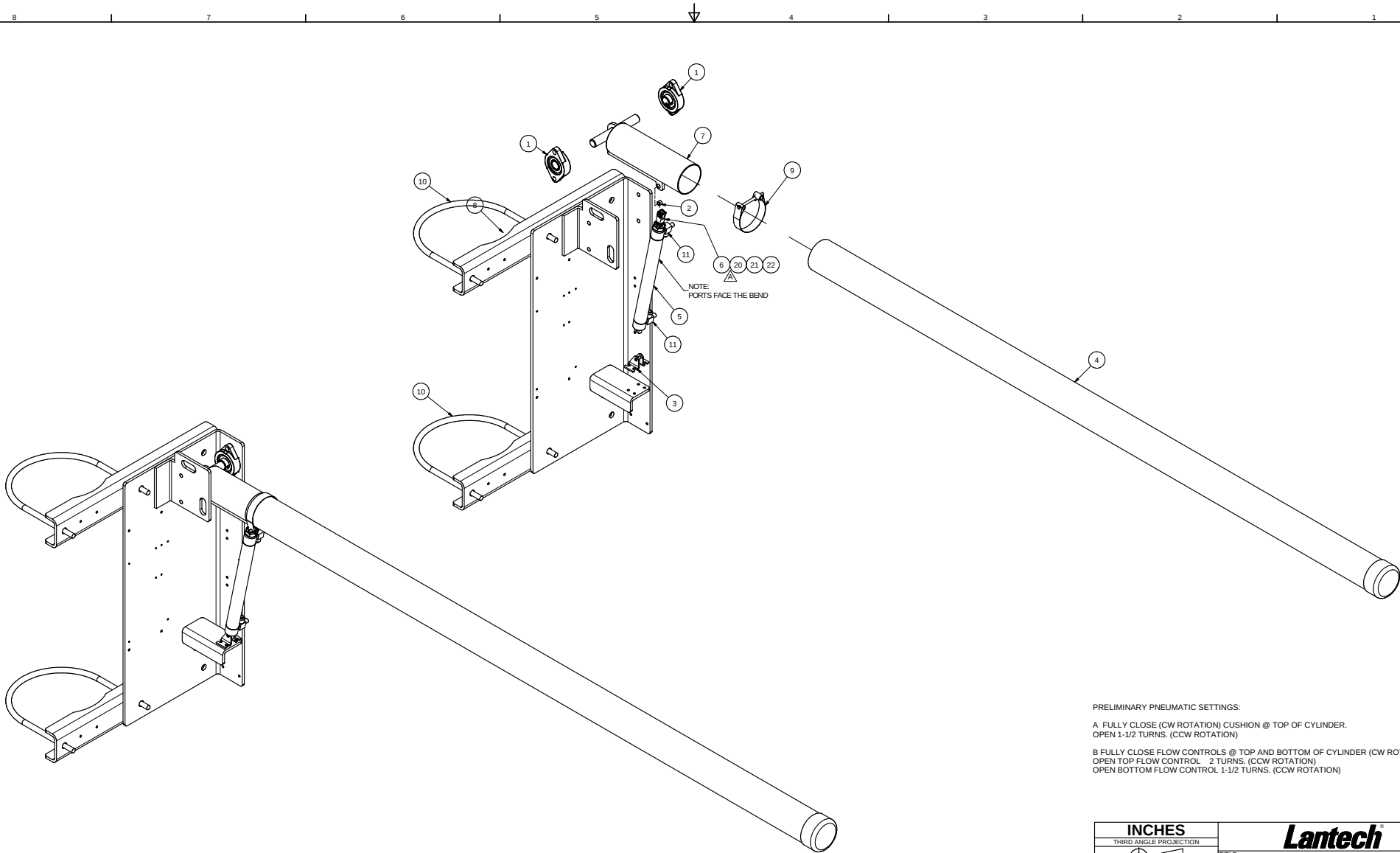


CONTROL BOX SIDE

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT LEG ASM STD NFB 5 HOLE TWO LEG BASE MOUNT FREE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			STANDING ENCLOSURE FOR FIXTURE V2		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS 4/16 4/1	DECIMALS X.XX X.XXX X.XXX	FLATNESS X/16 X/16 X/16	30140303		
SIZE D	DRAPER DJF	ENGINEER RJK	DRAWING NUMBER		
SCALE	DATE	30166767			
1=12	2/5/2013	SHEET 1 OF 1			
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.					

Item Number: FRA005
 Part Number: 30132233
 Part Description: GATE ASM RR STD NFB W/BIMBA CYLINDER W/O VALVES

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30052344</u>	<u>BEARING FLANGE 3/4IN CAST IRON</u> <u>HOUSING 3MM CAP SET SCREW 2</u> <u>BOLT NO LUBE (+32¼ TO 176¼F)</u> <u>AMBIENT TEMPERATURE RANGE</u>	<u>2.00000</u>
<u>000002</u>	<u>30051452</u>	<u>BUSHING STRAIGHT 1/4 ID X 3/8 OD X</u> <u>1/4 LONG BRONZE</u>	<u>1.00000</u>
<u>000003</u>	<u>30005732</u>	<u>BRACKET PIVOT REAR CLEVIS</u>	<u>1.00000</u>
<u>000004</u>	<u>30045157</u>	<u>GATE RR ASM PVC</u>	<u>1.00000</u>
<u>000005</u>	<u>30051453</u>	<u>CYLINDER AIR 1-1/16IN BORE 8IN</u> <u>STROKE W/UPPER CUSHION</u>	<u>1.00000</u>
<u>000006</u>	<u>30161317</u>	<u>CLEVIS FOR BIMBA CYLINDERS</u> <u>30051453 / 30069724</u>	<u>1.00000</u>
<u>000007</u>	<u>30106375</u>	<u>MOUNT FAB RR GATE TUBE</u>	<u>1.00000</u>
<u>000008</u>	<u>30051445</u>	<u>MOUNT FAB RR GATE BASE S-25/3500</u>	<u>1.00000</u>
<u>000009</u>	<u>30045155</u>	<u>CLAMP HOSE T BOLT FOR RR GATE</u>	<u>1.00000</u>
<u>000010</u>	<u>30020592</u>	<u>FASTENER U-BOLT 1/2-13 X 8-3/4 ID X</u> <u>10-7/8</u>	<u>2.00000</u>
<u>000011</u>	<u>30021067</u>	<u>VALVE FLOW CONTROL RIGHT</u> <u>ANGLE 1/8 NPTM 1/4 OD TUBE</u>	<u>2.00000</u>
<u>000020</u>	<u>30161318</u>	<u>RING RETAINING FOR BIMBA</u> <u>CYLINDERS 30051453 / 30069724</u>	<u>2.00000</u>
<u>000021</u>	<u>30161319</u>	<u>FASTENER NUT FOR BIMBA</u> <u>CYLINDERS 30051453 / 30069724</u>	<u>1.00000</u>
<u>000022</u>	<u>30161320</u>	<u>PIN CLEVIS FOR BIMBA CYLINDERS</u> <u>30051453 / 30069724</u>	<u>1.00000</u>



PRELIMINARY PNEUMATIC SETTINGS:

A FULLY CLOSE (CW ROTATION) CUSHION @ TOP OF CYLINDER.
OPEN 1-1/2 TURNS. (CCW ROTATION)

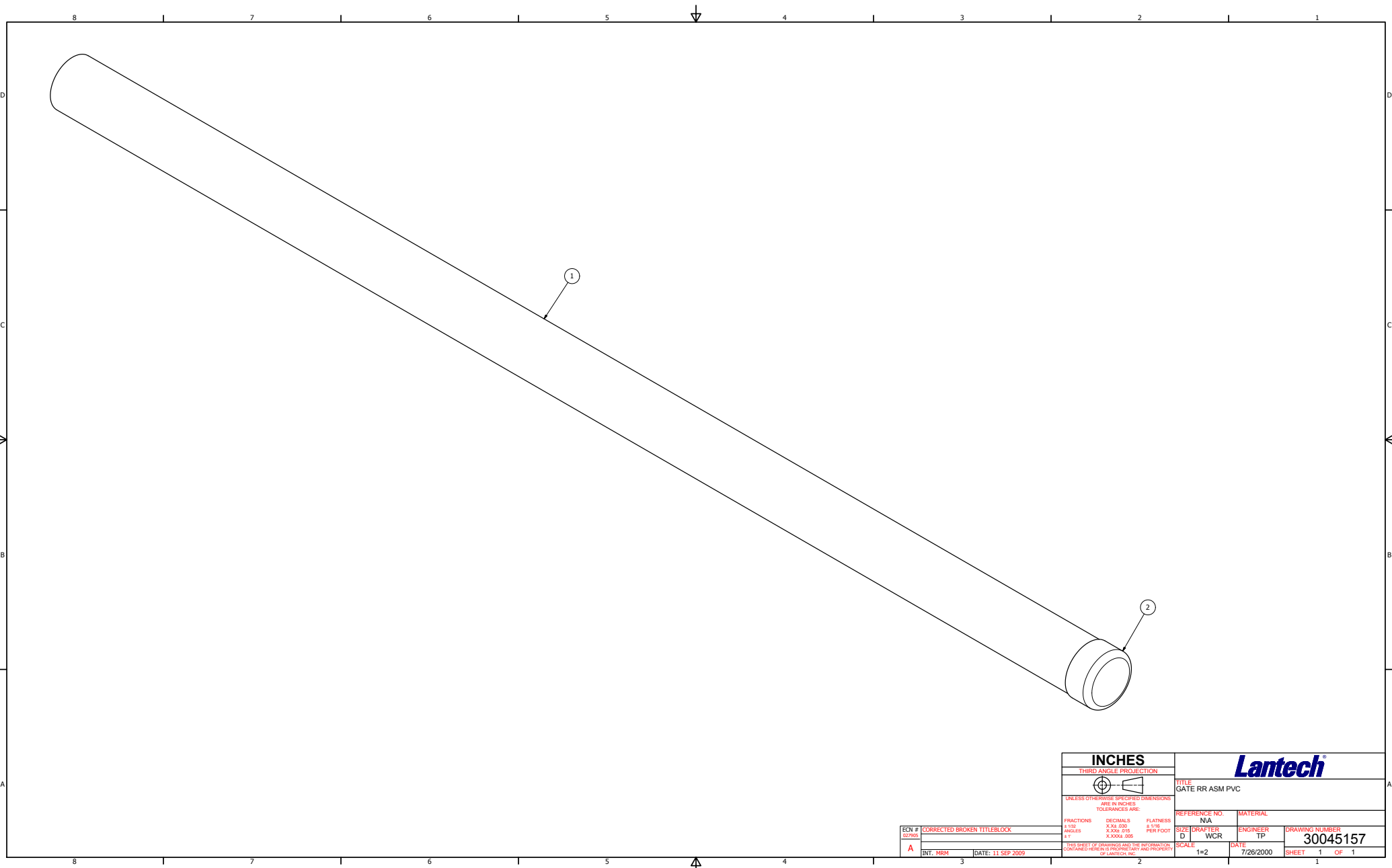
B FULLY CLOSE FLOW CONTROLS @ TOP AND BOTTOM OF CYLINDER (CW ROTATION)
OPEN TOP FLOW CONTROL 2 TURNS. (CCW ROTATION)
OPEN BOTTOM FLOW CONTROL 1-1/2 TURNS. (CCW ROTATION)

ECN #	ITEM # 6, 30161317, WAS 30051451 ADDED ITEMS
100000	# 20, # 21, & # 22
A	INT. MRM DATE: 4 JUNE 2012

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			GATE ASM RR STD NFB W/BIMBA CYLINDER W/O VALVES		
TOLERANCES ARE:			REFERENCE NO.		
FRACTIONS 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1			MATERIAL		
DECIMALS .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .500, .625, .750, .875, 1.000			SIZE/DRAFTER		
ANGLES .5°, 1°, 1.5°, 2°, 2.5°, 3°, 4°, 5°, 6°, 8°, 10°, 12°, 15°, 18°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80°, 85°, 90°, 95°, 100°, 105°, 110°, 115°, 120°, 125°, 130°, 135°, 140°, 145°, 150°, 155°, 160°, 165°, 170°, 175°, 180°			ENGINEER		
FLATNESS .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .500, .625, .750, .875, 1.000			DRAWING NUMBER		
PER FOOT .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .500, .625, .750, .875, 1.000			30132233		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			SCALE		
			1=4		
			DATE		
			11/3/2008		
			SHEET		
			1 OF 1		

Item Number: FRA005.000004
Part Number: 30045157
Part Description: GATE RR ASM PVC

Item	Part#	Description	Qty
000001	30045152	TUBE 3 OD X 2.88 ID X 70 RR GATE ARM PVC	1.00000
000002	30045154	CAP END BLACK VINYL	1.00000



ECH #	CORRECTED BROKEN TITLEBLOCK
A	INT. MKK
	DATE: 11 SEP 2009

INCHES		Lantech®	
THIRD ANGLE PROJECTION		TITLE	
		GATE RR ASM PVC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		REFERENCE NO.	
TOLERANCES ARE:		MATERIAL	
FRACTIONS	DECIMALS	FLATNESS	N/A
+1/32	0.00100	+1/16	SIZE DRAFTER
ANGLES	X.0001 DEG	PER FOOT	D WCR
±1	X.0004 DEG		ENGINEER
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.		SCALE:	DATE
		1=2	7/26/2000
		SHEET	DRAWING NUMBER
		1	30045157
		OF	1

Item Number: FRA006
Part Number: 30220865
Part Description: KIT PNEUMATIC RR GATES VALVES 24VDC (FESTO)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30220864</u>	<u>VALVE ASM 1 STATION 24VDC 2NC</u> <u>(FESTO)</u>	<u>1.00000</u>
<u>000002</u>	<u>30152577</u>	<u>FASTENER BOLT M3X0.5 X 25MM</u> <u>BUTTON HEAD SOCKET CAP BLACK</u> <u>FINISH</u>	<u>2.00000</u>
<u>000003</u>	<u>30152578</u>	<u>FASTENER NUT HEX DIN 934 - M3 - 8 -</u> <u>CZP</u>	<u>2.00000</u>

Item Number: FRA007
Part Number: 31031376
Part Description: CONTROL KIT S-25/3500 RAILROAD GATE 24VDC PNP PROX SWITCHES FOR V290 CONTROLLER

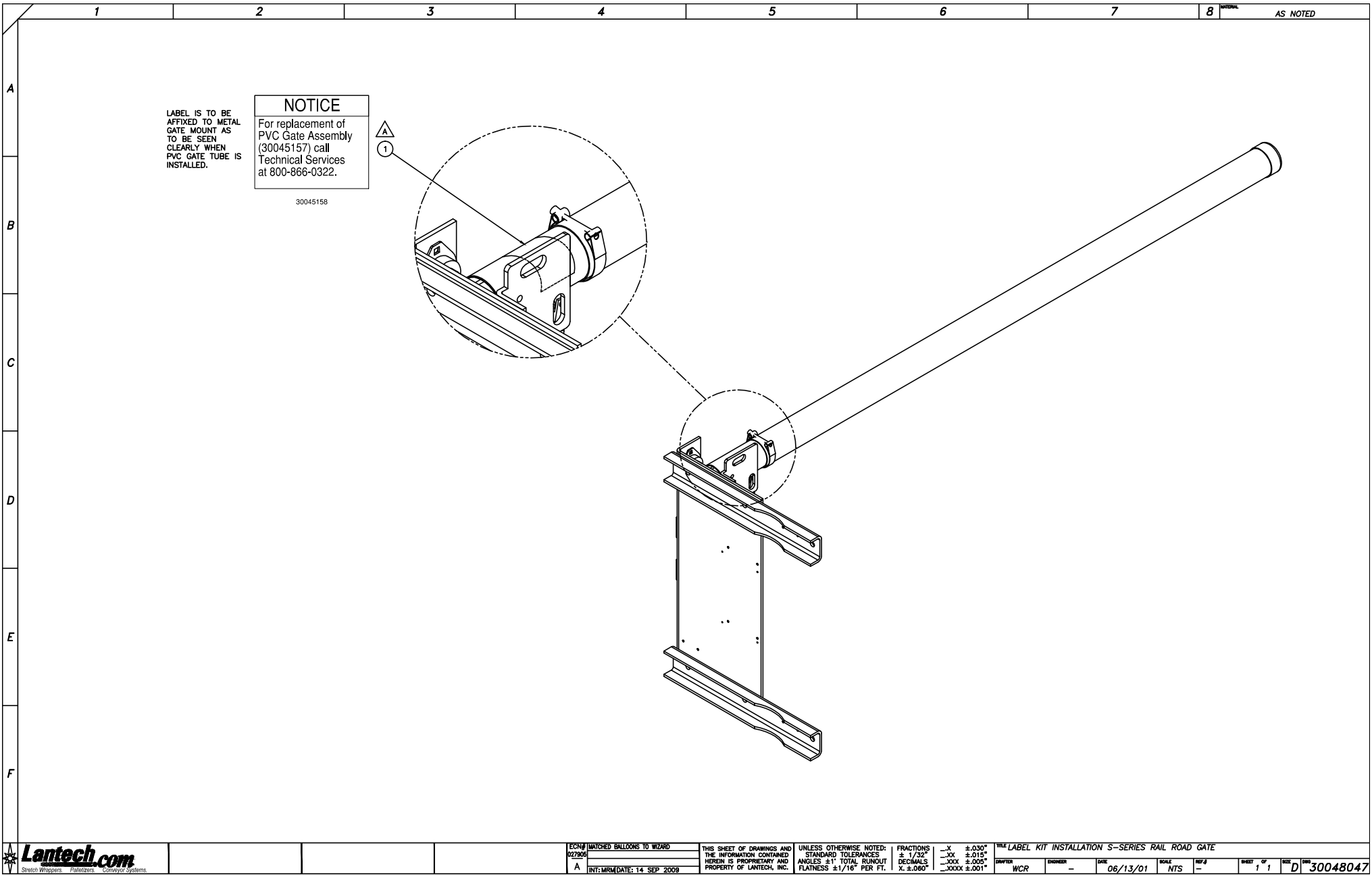
Item	Part#	Description	Qty
<u>000001</u>	<u>31032130</u>	<u>SWITCH PROXIMITY INDUCTIVE 18MM</u> <u>DIA 69MM LONG 12MM RANGE N.O.</u> <u>NON-FLUSH M12 4-PIN QD 10-30 VDC</u> <u>PNP IP67 OP TEMP -25C to +75C</u>	<u>2.00000</u>

Item Number: FRA008
Part Number: 30220867
Part Description: KIT RAILROAD GATE CONTROL CABLES FOR SL-SERIES FESTO VALVES (ALLEN-BRADLEY)

Item	Part#	Description	Qty
<u>000001</u>	<u>31082326</u>	<u>CABLE ELECTRICAL EXTENSION 3</u> <u>COND 24 AWG R-ANG-F MICRO QD</u> <u>STR-M PICO QD 0.3M YELLOW PVC</u>	<u>2.00000</u>
<u>000002</u>	<u>30220866</u>	<u>CABLE ELECTRICAL EXTENSION 3</u> <u>COND 24 AWG R-ANG-F PICO QD STR-</u> <u>M PICO QD 0.3M YELLOW PVC</u>	<u>2.00000</u>

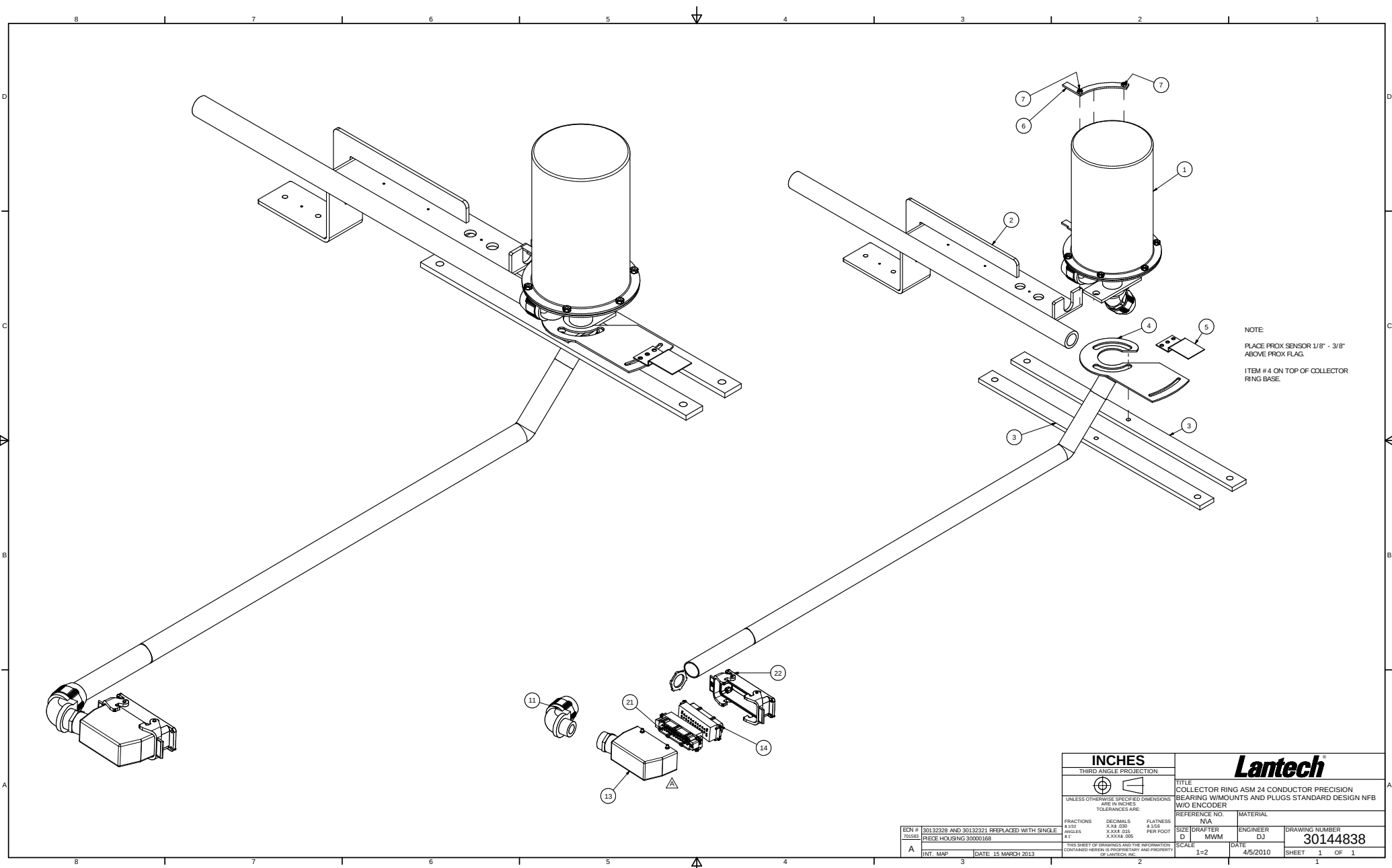
Item Number: FRA009
Part Number: 30048047
Part Description: LABEL KIT INSTALLATION S-SERIES RAIL ROAD GATE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30045158</u>	<u>LABEL INSTRUCTION 'FOR RR GATE</u> <u>ASM REPLACEMENT'</u>	<u>1.00000</u>



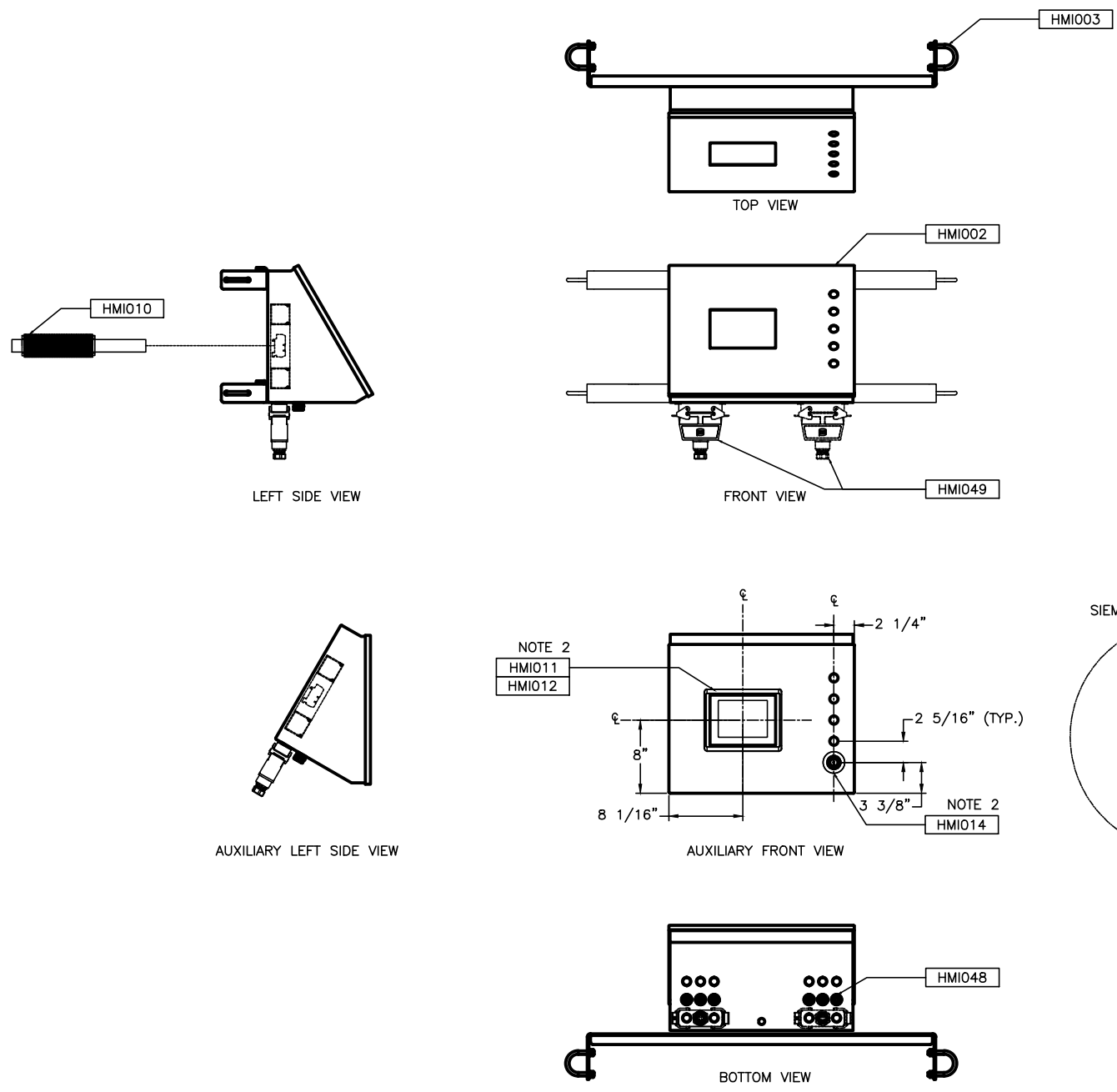
Item Number: FRA025
 Part Number: 30144838
 Part Description: COLLECTOR RING ASM 24 CONDUCTOR PRECISION BEARING W/MOUNTS AND PLUGS STANDARD DESIGN NFB W/O ENCODER

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31050825</u>	<u>COLLECTOR RING 24 CONDUCTOR</u> <u>NFB</u>	<u>1.00000</u>
<u>000002</u>	<u>30048129</u>	<u>MOUNT FAB HOME PROX SWITCH S-</u> <u>SERIES</u>	<u>1.00000</u>
<u>000003</u>	<u>31004621</u>	<u>MOUNT COLLECTOR RING S-SERIES</u>	<u>2.00000</u>
<u>000004</u>	<u>30008358</u>	<u>PLATE ADJUSTABLE PROX</u> <u>ACTUATOR</u>	<u>1.00000</u>
<u>000005</u>	<u>30008359</u>	<u>PLATE FORMED BASE ASM HOME</u> <u>ACTUATOR FLAG</u>	<u>1.00000</u>
<u>000006</u>	<u>30141748</u>	<u>COLLECTOR RING RETAINER</u>	<u>1.00000</u>
<u>000007</u>	<u>31030151</u>	<u>FASTENER NUT LOCK 10-32 THIN</u> <u>FLEX</u>	<u>2.00000</u>
<u>000011</u>	<u>30003588</u>	<u>CONDUIT FITTING 1 90 NON-METALLIC</u>	<u>1.00000</u>
<u>000013</u>	<u>30000168</u>	<u>CONNECTOR COVER MODULAR 24P</u> <u>PLUS GND SIDE ENTRY PG21</u>	<u>1.00000</u>
<u>000014</u>	<u>30000145</u>	<u>CONNECTOR QD FEMALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000021</u>	<u>30000144</u>	<u>CONNECTOR QD MALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000022</u>	<u>30000142</u>	<u>CONNECTOR HOUSING MODULAR 24P</u> <u>PLUS GND PANEL MOUNT 2 LEVER</u>	<u>1.00000</u>
<u>000023</u>	<u>30132324</u>	<u>CONNECTOR COVER 24B 2-LEVER</u> <u>PROTECTION PLASTIC</u>	<u>1.00000</u>



Item Number: FRA042
Part Number: 30237634
Part Description: KIT LUBE LABEL - PRECISION/ENGLISH

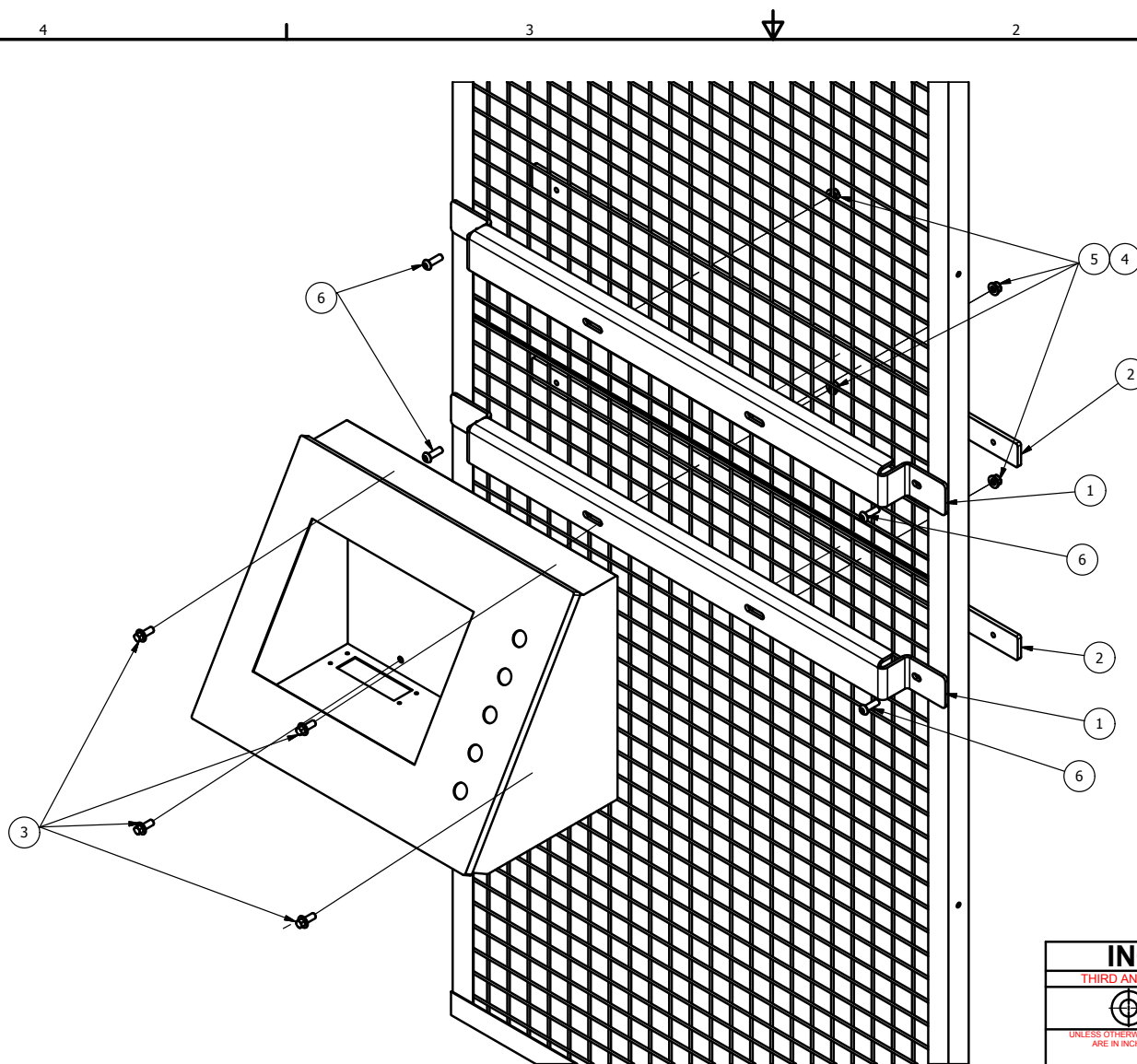
Item	Part#	Description	Qty
<u>000001</u>	<u>30116714</u>	<u>LABEL REGULATORY ANSI NOTICE</u> <u>'BEARING LUBRICATION</u> <u>MAINTENANCE' (SHELL CASSIDA EPS</u> <u>2) (SIZE = 5.25 X 2.70) - PRECISION</u> <u>BEARING</u>	<u>1.00000</u>



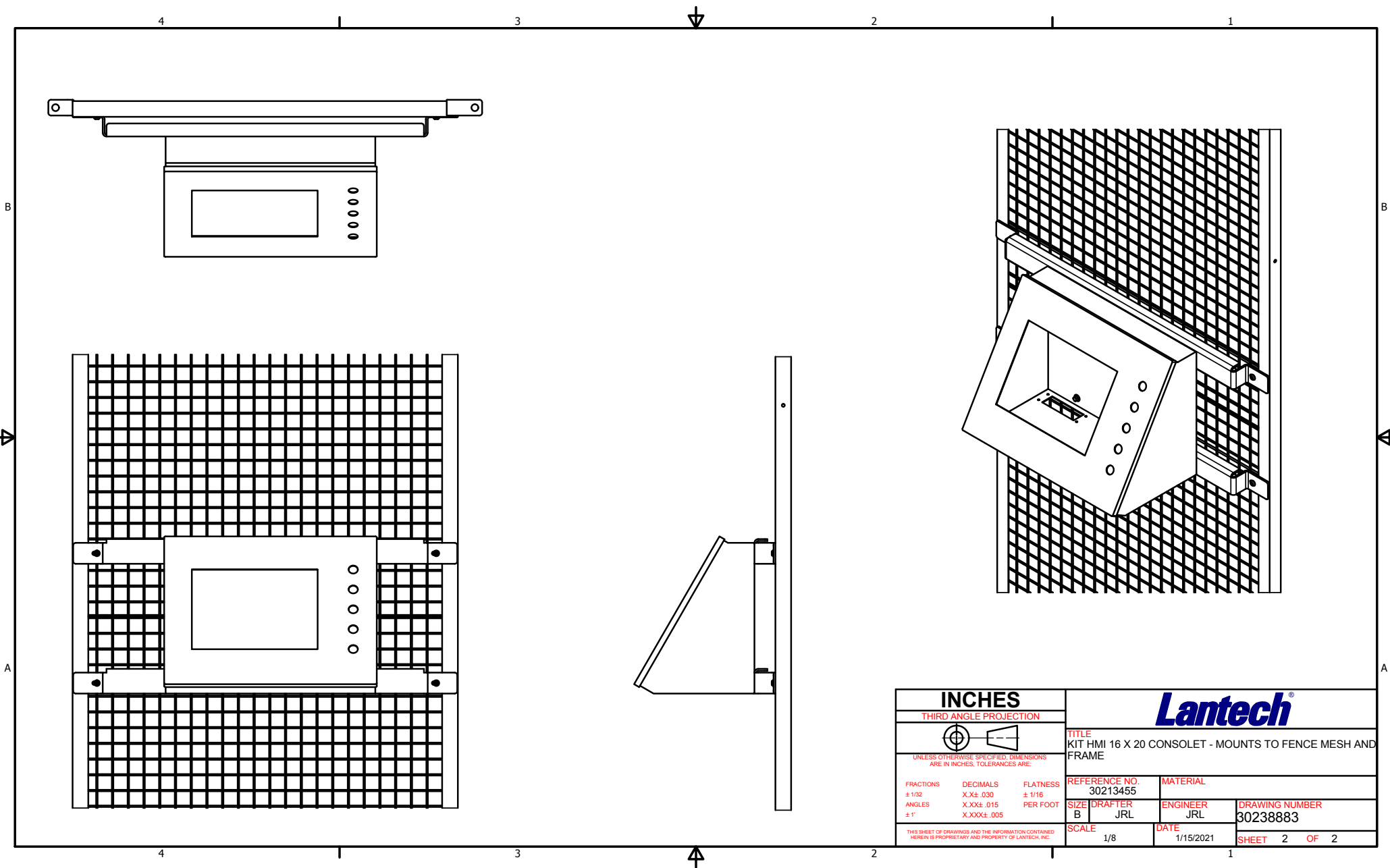
- NOTES:
1. USE DEVICE AS TEMPLATE TO MATCH DRILL MTG HOLES.
 2. USE HUBS OR FITTINGS WITH THE SAME ENVIROMENTAL RATING AS ENCLOSURE.
 3. DIN RAIL AND WIRE DUCT VISIBLE FOR CLARITY OF LOCATION.
 4. ADD HOLE PLUGS FOR HOLES NOT USED.

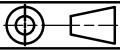
Item Number: HMI003
Part Number: 30238883
Part Description: KIT HMI 16 X 20 CONSOLE - MOUNTS TO FENCE MESH AND FRAME

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30238884</u>	<u>MOUNT 16 X 20 CONSOLE -MOUNTS TO FENCE MESH</u>	<u>2.00000</u>
<u>000002</u>	<u>30238886</u>	<u>PLATE FENCE MESH BACKING 32-3/8 C/C</u>	<u>2.00000</u>
<u>000003</u>	<u>30132267</u>	<u>FASTENER BOLT M8 X 1.25 X 20MM HEX FLANGE CLASS 10.9 ZINC PLATED</u>	<u>4.00000</u>
<u>000004</u>	<u>P-WF0800</u>	<u>WASHER FLAT NORMAL DIN 125A - M8 - CZP</u>	<u>4.00000</u>
<u>000005</u>	<u>31009039</u>	<u>FASTENER NUT HEX PREV TQU DIN 980 - M8 - 10 - CZP</u>	<u>4.00000</u>
<u>000006</u>	<u>P-SB0825</u>	<u>FASTENER BOLT BHCS ISO 7380 - M8 X 25 - 10.9 - FT - CZP</u>	<u>4.00000</u>



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT HMI 16 X 20 CONSOLE - MOUNTS TO FENCE MESH AND FRAME		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			REFERENCE NO. 30213455		
FRACTIONS ± 1/32	DECIMALS X.XX ± 0.030	FLATNESS ± 1/16	MATERIAL		
ANGLES ± 1°	X.XX ± 0.15	PER FOOT X.XXX ± 0.05	SIZE B	ENGINEER JRL	DRAWING NUMBER 30238883
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1/6	DATE 1/15/2021	SHEET 1 OF 2

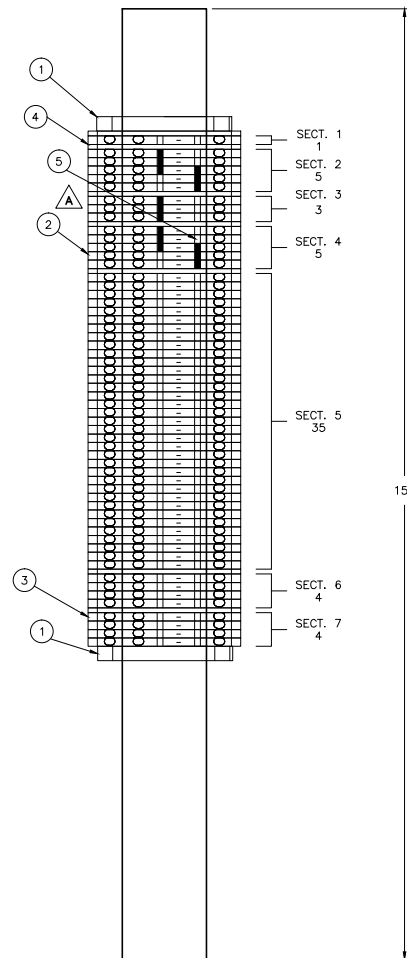


INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT HMI 16 X 20 CONSOLE - MOUNTS TO FENCE MESH AND FRAME		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			REFERENCE NO. 30213455		
FRACTIONS ± 1/32	DECIMALS X.XX ± 0.05	FLATNESS ± 1/16	MATERIAL		
ANGLES ± 1°	X.XXX ± 0.005	PER FOOT	SIZE B	ENGINEER JRL	DRAWING NUMBER 30238883
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1/8	DATE 1/15/2021	SHEET 2 OF 2

Item Number: HMI010
Part Number: 30202762
Part Description: KIT L-SERIES FENCE MOUNTED CONSOLET J-BOX TERMINAL ASSEMBLY ALLEN-BRADLEY 1492-L SPRING-CLAMP

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000002</u>	<u>31048878</u>	<u>TERMINAL BLOCK GREY SPRING CLAMP 3 POINTS 26-14AWG</u>	<u>53.00000</u>
<u>000003</u>	<u>30132403</u>	<u>TERMINAL BLOCK GREEN SPRING CLAMP 3 POINTS 28-16AWG GROUNDING</u>	<u>4.00000</u>
<u>000004</u>	<u>30132401</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-L2T</u>	<u>7.00000</u>
<u>000005</u>	<u>30132405</u>	<u>TERMINAL JUMPER 3 POLE FOR 1492-L2 SERIES BLOCKS</u>	<u>5.00000</u>

FENCE MOUNTED J-BOX



Lantech

A. BY: WRS DATE: 8/23/19
ECN 718443: ADDED A24S TERMINALS

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES ±1° TOTAL RUNOUT FLATNESS ±1/16" PER FT.

FRACTIONS ± 1/32" DECIMALS ±.005" X ±.060"

...X ±.030" ...XX ±.015" ...XXX ±.005" ...XXXX ±.001"

WALK KIT L-SERIES FENCE MOUNTED CONSOLE J-BOX TERMINAL ASSEMBLY ALLEN-BRADLEY 1492-L SPRING-CLAMP

DRAWN	ENGINEER	DATE	SCALE	REV	SHEET	OF	REV	NO
	CTH	08 May 2018	1=1	30193418	1	1	D	30202762

Item Number: HMI012
 Part Number: 30220801
 Part Description: KIT 10 METER CROSSOVER ETHERNET CABLE W/ CABTITE CABLE ENTRY SYSTEM

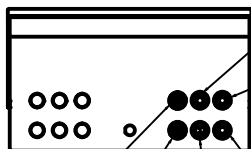
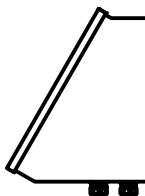
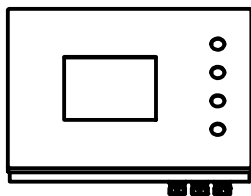
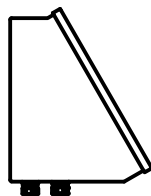
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30210159</u>	<u>CABLE SPECIAL FUNCTION</u> <u>ETHERNET CABLE 24AWG 10 METERS</u> <u>8 CONDUCTORS RJ45 TO RJ45 TEAL</u> <u>PVC SHIELDED CROSSOVER UL CMR</u> <u>CMX; CUL CMG; STANDARD TIA 568-B</u>	<u>1.00000</u>
<u>000002</u>	<u>30227127</u>	<u>CLAMP CABLE ENTRY GROMMET</u> <u>HOLDER (CABTITE CGS M25)</u>	<u>1.00000</u>
<u>000003</u>	<u>30226489</u>	<u>GROMMET 5-6MM SINGLE FOR</u> <u>WEIDMULLER CABLE ENTRY PLATE</u> <u>GREY</u>	<u>1.00000</u>
<u>000010</u>	<u>30227127</u>	<u>CLAMP CABLE ENTRY GROMMET</u> <u>HOLDER (CABTITE CGS M25)</u>	<u>1.00000</u>
<u>000011</u>	<u>30226489</u>	<u>GROMMET 5-6MM SINGLE FOR</u> <u>WEIDMULLER CABLE ENTRY PLATE</u> <u>GREY</u>	<u>1.00000</u>

Item Number: HMI014
Part Number: 30164907
Part Description: KIT OPERATOR 'EMERGENCY STOP' 22.5MM NON-ILLUMINATED TWIST-TO-RELEASE 1NO/2NC WITH BLANK NAMEPLATE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30070655</u>	<u>SWITCH PUSH BUTTON HEAD 22MM</u> <u>PUSH/TWIST-TO-RELEASE NON-</u> <u>ILLUMINATED RED 40MM MUSHROOM</u> <u>HEAD</u>	<u>1.00000</u>
<u>000002</u>	<u>30086667</u>	<u>SWITCH ACCESSORY PLASTIC LATCH</u> <u>FOR 800F</u>	<u>1.00000</u>
<u>000003</u>	<u>30086668</u>	<u>SWITCH ACCESSORY CONTACT</u> <u>BLOCK NO FOR 800F</u>	<u>1.00000</u>
<u>000004</u>	<u>30086669</u>	<u>SWITCH ACCESSORY CONTACT</u> <u>BLOCK NC FOR 800F</u>	<u>2.00000</u>
<u>000005</u>	<u>31035384</u>	<u>LABEL CIRCULAR 60MM YELLOW</u> <u>EMERGENCY STOP 22.5MM HOLE</u> <u>BLANK</u>	<u>1.00000</u>

Item Number: HMI048
Part Number: 30152458
Part Description: KIT HMI CONSOLE CABLE FITTINGS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31001314</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .15 - .22 2-</u> <u>HOLE GROMMET METALLIC UL LIQ</u> <u>TIGHT</u>	<u>1.00000</u>
<u>000002</u>	<u>S-005282</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .35 - .45</u> <u>METALLIC (BLUE) UL LIQ TIGHT</u>	<u>3.00000</u>
<u>000003</u>	<u>S-007236</u>	<u>GASKET 0.50 SEALING</u>	<u>6.00000</u>
<u>000004</u>	<u>S-005267</u>	<u>CONDUIT LOCKNUT 0.50 PLAIN</u>	<u>6.00000</u>
<u>000005</u>	<u>31001289</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .15 - .22 3-</u> <u>HOLE GROMMET METALLIC UL LIQ</u> <u>TIGHT</u>	<u>2.00000</u>



1/2" TRIPLE
EXIT 1,2,3

1/2" TRIPLE
INFEED 1,2,3

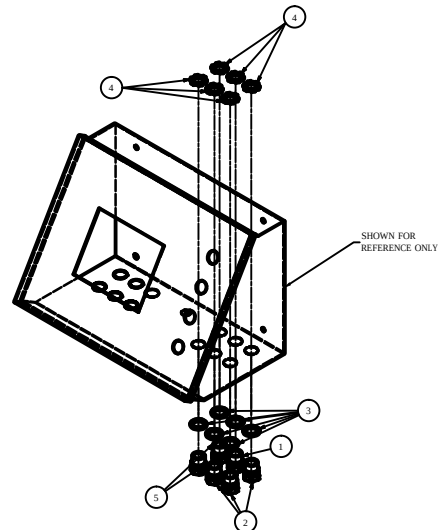
NOTE:
STD SHOWN
MIRROR FOR RVS

ACCESS GATE 1 ESTOP
1/2" BLUE

REQUEST
ACCESS/UNLOCK
1/2" BLUE

ACCESS GATE 1
1/2" BLUE

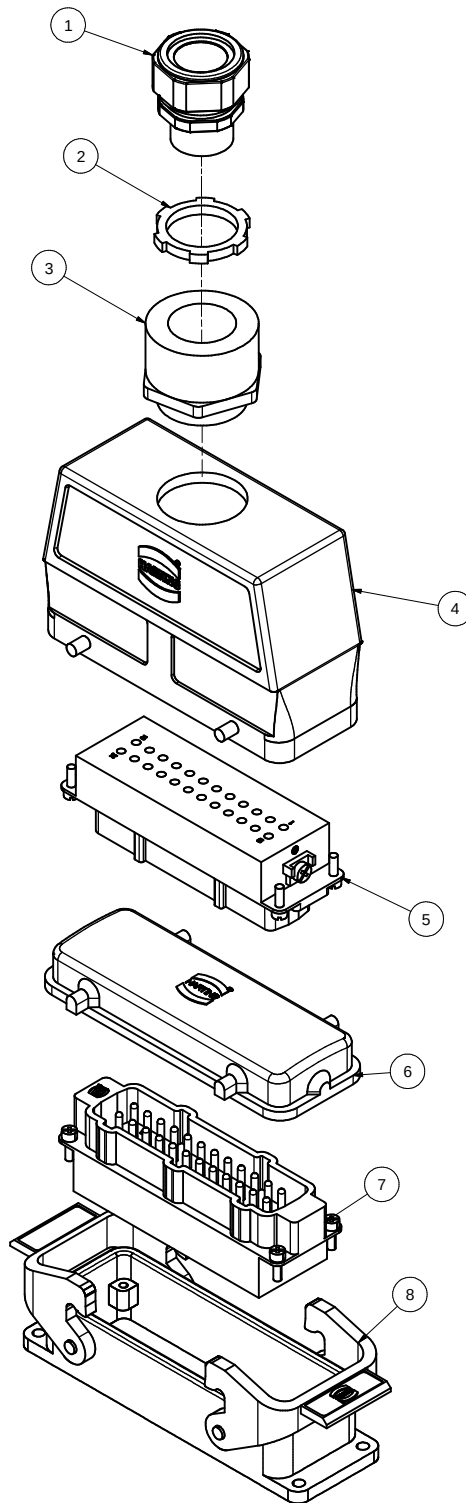
EXIT TRANSITION CLEAR
&
SHORT LOAD TRANSITION
1/2" DOUBLE



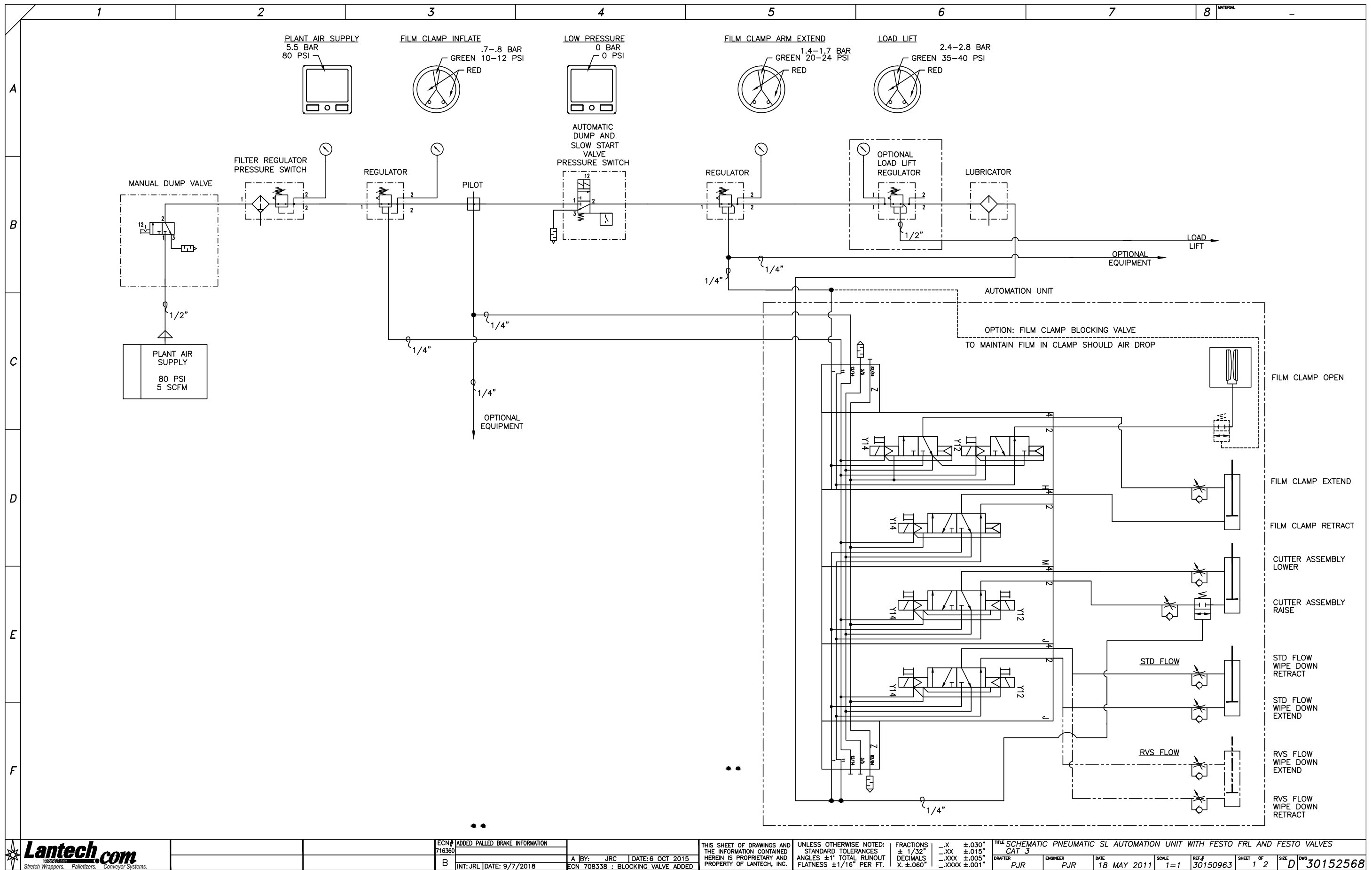
INCHES				Lantech®	
THIRD ANGLE PROJECTION				TITLE	
				KIT HMI CONSOLE CABLE FITTINGS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:				REFERENCE NO.	MATERIAL
FRACTIONS	DECIMALS	FLATNESS		N/A	
1/16	0.0005	0.004		SIZE	ENGINEER
1/32	0.0010	0.008		D	JGK
1/64	0.0020	0.016		SCALE	DATE
1/128	0.0040	0.032		1=4	6/26/2012
*SEE SHEET 1P FOR DIMENSIONS AND THE DIMENSIONAL CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.				DRAWING NUMBER	
				30152458	
				SHEET	1 OF 1

Item Number: HMI049
 Part Number: 30132165
 Part Description: KIT CONNECTOR L-SERIES FRONT FENCE CN-6

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>S-007943</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>3/4NPSM STR CORD DIA .65 - .75</u> <u>METALLIC (YELLOW) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000002</u>	<u>S-006013</u>	<u>CONDUIT LOCKNUT 0.75 PLAIN</u>	<u>1.00000</u>
<u>000003</u>	<u>30132320</u>	<u>FITTING ADAPTER M32 MALE - 3/4NPT</u> <u>FEMALE</u>	<u>1.00000</u>
<u>000004</u>	<u>30132329</u>	<u>CONNECTOR HOUSING 24B 2 LEVER</u> <u>HOOD HIGH CONSTRUCTION 1X32M</u> <u>TOP ENTRY</u>	<u>1.00000</u>
<u>000005</u>	<u>30000145</u>	<u>CONNECTOR QD FEMALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000006</u>	<u>30132324</u>	<u>CONNECTOR COVER 24B 2-LEVER</u> <u>PROTECTION PLASTIC</u>	<u>1.00000</u>
<u>000007</u>	<u>30000144</u>	<u>CONNECTOR QD MALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000008</u>	<u>30000142</u>	<u>CONNECTOR HOUSING MODULAR 24P</u> <u>PLUS GND PANEL MOUNT 2 LEVER</u>	<u>1.00000</u>



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE KIT CONNECTOR NFB FRONT OP CN-6		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. N/A	MATERIAL	
FRACTIONS ± 1/32	DECIMALS X.X± .030	FLATNESS ± 1/16	SIZE C	DRAFTER MWM	ENGINEER
ANGLES ± 1°	X.XX± .015	PER FOOT	SCALE	DATE 5/5/2009	DRAWING NUMBER 30132165
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SHEET 1 OF 1		



A

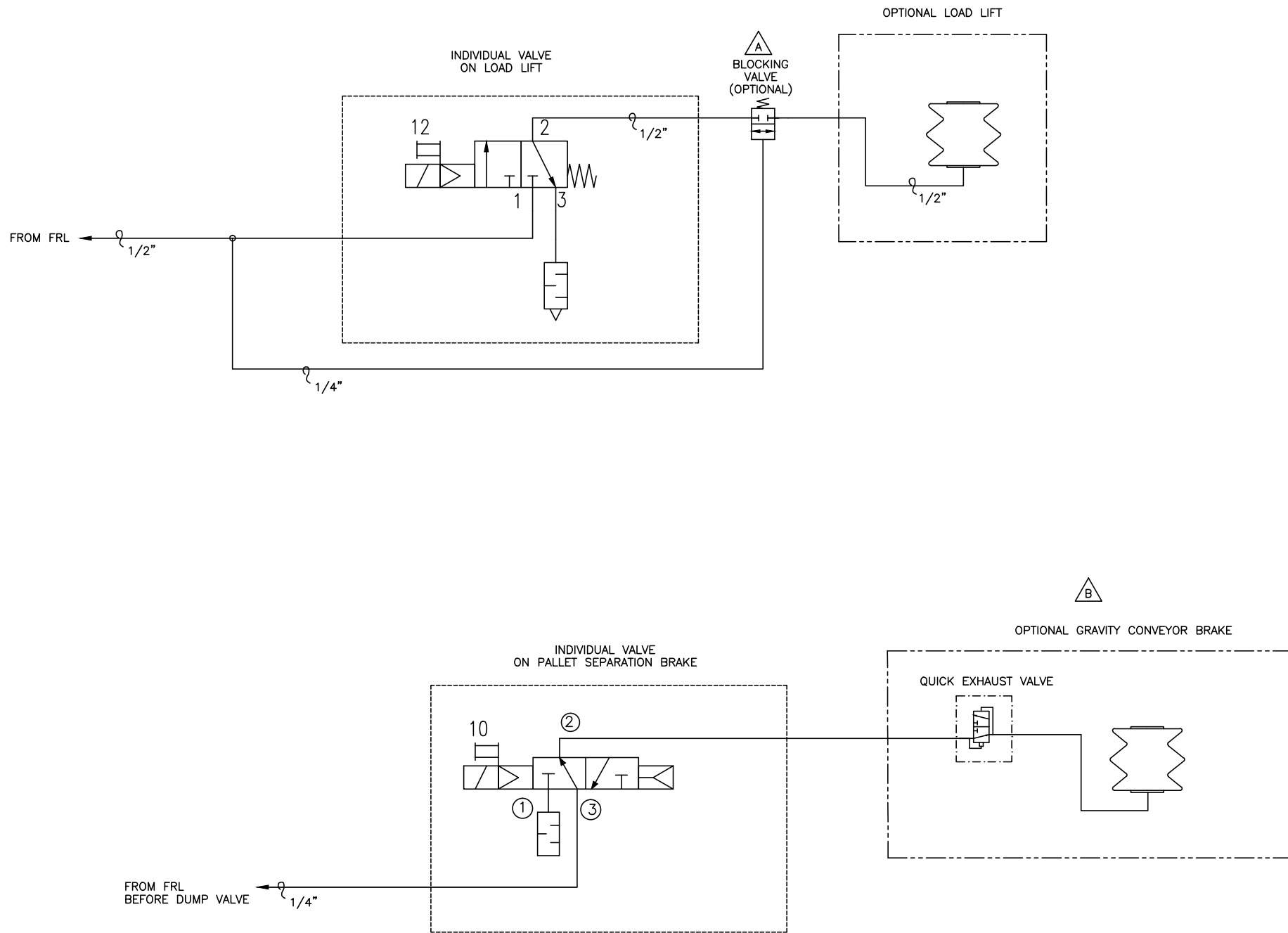
B

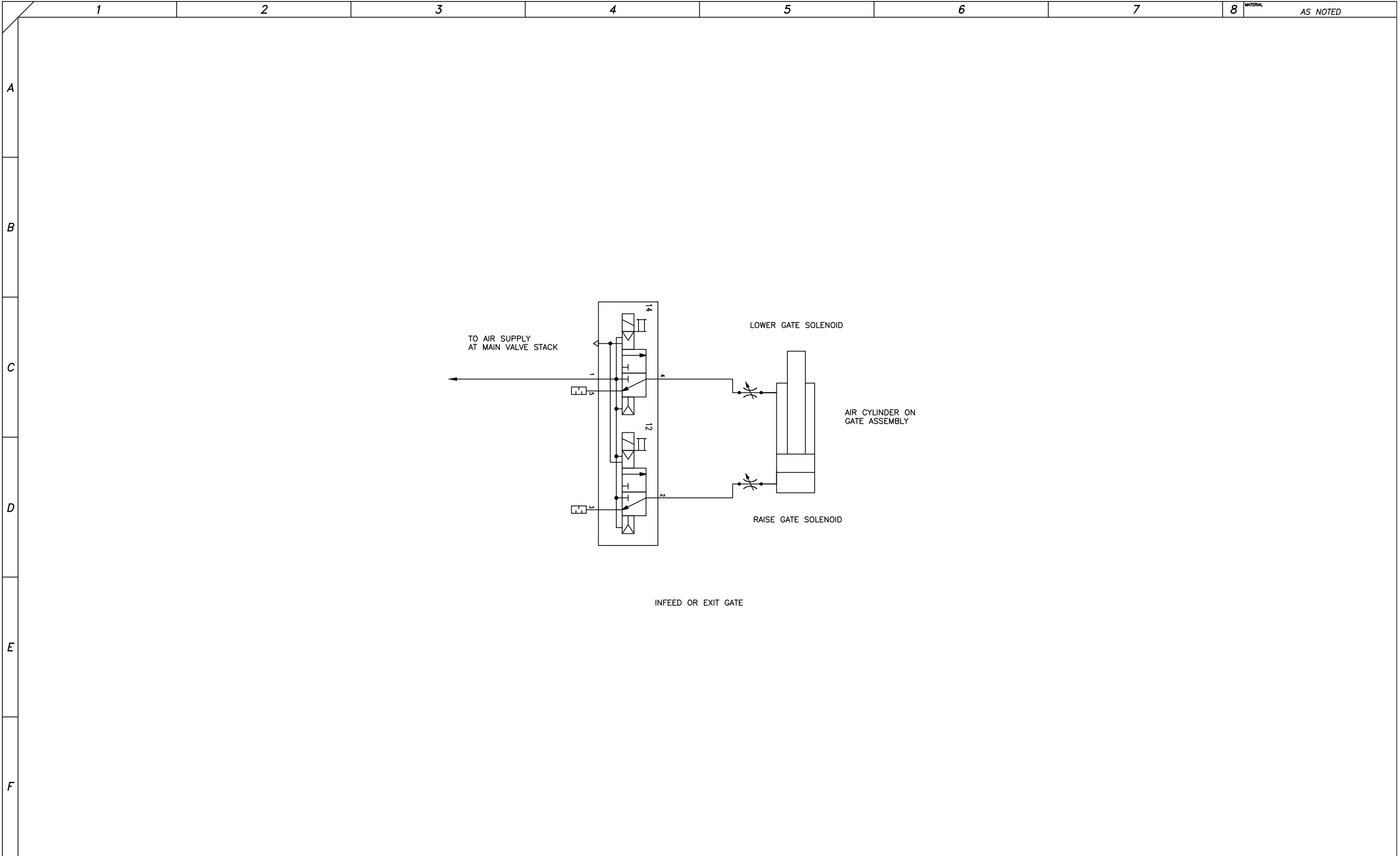
C

D

E

F





Item Number: MCC002
 Part Number: 30144869
 Part Description: KIT NFB 24VDC PNP PROX SWITCHES (SICK)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31032130</u>	<u>SWITCH PROXIMITY INDUCTIVE 18MM</u> <u>DIA 69MM LONG 12MM RANGE N.O.</u> <u>NON-FLUSH M12 4-PIN QD 10-30 VDC</u> <u>PNP IP67 OP TEMP -25C to +75C</u>	<u>1.00000</u>
<u>000002</u>	<u>31032140</u>	<u>SWITCH PROXIMITY INDUCTIVE 18MM</u> <u>DIA 69MM LONG 12MM RANGE N.C.</u> <u>NON-FLUSH M12 4-PIN QD 10-30 VDC</u> <u>PNP IP67 OP TEMP -25C to +75C</u>	<u>2.00000</u>
<u>000003</u>	<u>30092618</u>	<u>PLATE FORMED PROXIMITY SWITCH</u> <u>MOUNT SC/SS</u>	<u>2.00000</u>
<u>000004</u>	<u>31032130</u>	<u>SWITCH PROXIMITY INDUCTIVE 18MM</u> <u>DIA 69MM LONG 12MM RANGE N.O.</u> <u>NON-FLUSH M12 4-PIN QD 10-30 VDC</u> <u>PNP IP67 OP TEMP -25C to +75C</u>	<u>1.00000</u>
<u>000005</u>	<u>30036932</u>	<u>SWITCH LIMIT ROTARY ROLLER</u> <u>LEVER SPDT MICRO QD 48IN-OZ W/</u> <u>1.5IN LONG LEVER and 1IN WIDE</u> <u>ROLLER LANTECH SPECIFIC PIN-OUT</u> <u>(-40 TO 221 DEG F) IP67</u>	<u>1.00000</u>
<u>000006</u>	<u>30000475</u>	<u>ANGLE FORMED FDS BELT SLACK</u> <u>SWITCH</u>	<u>1.00000</u>
<u>000007</u>	<u>30017232</u>	<u>MOUNT SWITCH PROX DOOR FILM</u> <u>DELIVERY SYSTEM</u>	<u>1.00000</u>
<u>000008</u>	<u>30083440</u>	<u>TARGET PROX FAB FDS UNIVERSAL -</u> <u>GATE CLOSED</u>	<u>1.00000</u>

DEVICE DESCRIPTION	ITEM #
ROTATION AT HOME PROX	1
FILM CARRIAGE NOT UP PROX	2
FILM CARRIAGE NOT DOWN PROX	2
FILM CARRIAGE NOT UP PROX MOUNT	3
FILM CARRIAGE NOT DOWN PROX MOUNT	3
FILM CARRIAGE GATE CLOSED PROX	4
FILM CARRIAGE BELT TENSION OK LIMIT SWITCH	5
FILM CARRIAGE BELT TENSION OK LIMIT SWITCH MOUNT	6
FILM CARRIAGE GATE CLOSED PROX MOUNT	7
FILM CARRIAGE GATE CLOSED PROX FLAG	8

THIS SHEET OF DRAWINGS
AND THE INFORMATION
CONTAINED HEREIN IS
PROPRIETARY AND PROPERTY
OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm 0.060"$

—.X $\pm 0.030"$
—.XX $\pm 0.015"$
—.XXX $\pm 0.005"$
—.XXXX $\pm 0.001"$

Lantech.com

Stretch Wrappers. Palletizers. Conveyor Systems.

TITLE KIT CONTROL NFB 24VDC PNP PROX SWITCHES (SICK)

DRAFTER RDJ	ENGINEER	DATE 22 APR 2010	SCALE 1=1	REF.# 30138364	SHEET OF 1 1	SIZE A	DWG 30144869
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Item Number: MCC003
 Part Number: 30247295
 Part Description: CONTROL KIT L-SERIES 15/25/35 RPM 24VDC PNP PHOTOCELLS (SICK)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30228110</u>	<u>SWITCH PHOTOCELL</u> <u>RETROREFLECTIVE 10-30VDC 12M</u> <u>MAX RANGE PNP M12 4P 1103569</u> <u>(Bulk Pack of 1064704 at QTY 50)</u>	<u>3.00000</u>
<u>000003</u>	<u>30161733</u>	<u>REFLECTOR RECTANGULAR SICK</u> <u>PL40A</u>	<u>3.00000</u>
<u>000004</u>	<u>30161741</u>	<u>ANGLE REFLECTOR MOUNT</u> <u>RECTANGULAR SICK</u>	<u>3.00000</u>
<u>000005</u>	<u>31091966</u>	<u>MOUNT PHOTOCELL BRACKET FENCE</u> <u>POST MOUNTED ADJUSTABLE</u>	<u>3.00000</u>
<u>000006</u>	<u>30247293</u>	<u>MOUNT PHOTOCELL OR REFLECTOR</u> <u>ADJUSTABLE - SICK</u>	<u>3.00000</u>
<u>000007</u>	<u>30038006</u>	<u>FASTENER U-BOLT 3/8-16 X 1.9ID X 1-</u> <u>1/4</u>	<u>3.00000</u>
<u>000008</u>	<u>30227165</u>	<u>MOUNT G10 SENSOR - Bulk pack 50</u> <u>BEF-G10DC01 bracket</u>	<u>3.00000</u>

DEVICE DESCRIPTION	ITEM #
INFEEED TRANSITION CLEAR PHOTOCELL	1
EXIT TRANSITION CLEAR PHOTOCELL	1
WRAP ZONE CENTERING CLEAR PHOTOCELL	1
INFEEED TRANSITION CLEAR REFLECTOR	3
EXIT TRANSITION CLEAR REFLECTOR	3
WRAP ZONE CENTERING CLEAR REFLECTOR	3
INFEEED TRANSITION CLEAR REFLECTOR MOUNT	4
EXIT TRANSITION CLEAR REFLECTOR MOUNT	4
WRAP ZONE CENTERING CLEAR REFLECTOR MOUNT	4
INFEEED TRANSITION CLEAR PHOTOCELL MOUNT	5,6,7
EXIT TRANSITION CLEAR PHOTOCELL MOUNT	5,6,7
WRAP ZONE CENTERING CLEAR PHOTOCELL MOUNT	5,6,7
PHOTOCELL ADAPTER	8

THIS SHEET OF DRAWINGS
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OF LANTECH, INC.

UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X. $\pm .060"$

...X $\pm .030"$
...XX $\pm .015"$
...XXX $\pm .005"$
...XXXX $\pm .001"$

Lantech.com
Stretch Wrappers. Palletizers. Conveyor Systems.

TITLE <i>CONTROL KIT L-SERIES 15/25/35 RPM 24VDC PNP PHOTOCELLS</i> (SICK)							
DRAFTER <i>TJP</i>	ENGINEER <i>TJP</i>	DATE <i>28 AUG 2020</i>	SCALE <i>1=1</i>	REF.# <i>30167005</i>	SHEET OF <i>1 1</i>	SIZE <i>A</i>	DWG <i>30247295</i>

Item Number: MCC004
Part Number: 30220881
Part Description: KIT CABLES FOR L-SERIES 15/25/35 RPM CONTROLS (ALLEN-BRADLEY)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30052016</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 5M PVC</u>	<u>1.00000</u>
<u>000002</u>	<u>31062011</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 2M PVC</u>	<u>1.00000</u>
<u>000003</u>	<u>30077146</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>90DEG-F MICRO QD 2M PVC</u>	<u>3.00000</u>
<u>000004</u>	<u>31062011</u>	<u>CABLE ELECTRICAL 4COND 22AWG</u> <u>STR-F MICRO QD 2M PVC</u>	<u>1.00000</u>
<u>000005</u>	<u>30220877</u>	<u>CABLE ELECTRICAL EXTENSION 3</u> <u>COND 24 AWG STR-F MICRO QD STR-</u> <u>M PICO QD 5M YELLOW PVC</u>	<u>2.00000</u>

DEVICE DESCRIPTION	ITEM #
FILM CARRIAGE GATE CLOSED PROX CABLE	2
FILM CARRIAGE BELT TENSION OK LIMIT SWITCH CABLE	3
FILM CARRIAGE NOT UP PROX CABLE	3
FILM CARRIAGE NOT DOWN PROX CABLE	3

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UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
X: $\pm .060"$

...X $\pm .030"$
...XX $\pm .015"$
...XXX $\pm .005"$
...XXXX $\pm .001"$

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TITLE *KIT CABLES FOR L-SERIES 15/25/35 RPM CONTROLS -FSD AND WRAP ARM
DEVICES ONLY (ALLEN-BRADLEY)*

DRAFTER DAL	ENGINEER DAL	DATE 7/22/2021	SCALE 1=1	REF.#	SHEET OF 1 1	SIZE A	DWG 30257389
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Item Number: MCC005
Part Number: 30150078
Part Description: MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31064832</u>	<u>MOTOR 3HP 208-230/460VAC 8.6-8.2/4.1A 3PH 1760RPM@60HZ 182TC INV READY</u>	<u>1.00000</u>
<u>000002</u>	<u>31064603</u>	<u>KIT MOTOR 2 HP 145TC LIFT W/WARNER FAIL SAFE BRAKE NFB</u>	<u>1.00000</u>
<u>000003</u>	<u>31064835</u>	<u>MOTOR 1-1/2HP 208-230/460VAC 4.2-4.0/2.0FLA 3PH 1760RPM@60HZ 145TC INV READY -FOOTLESS</u>	<u>1.00000</u>
<u>000011</u>	<u>31010765</u>	<u>CABLE ELECTRICAL JB-1 TO ROTATION MOTOR</u>	<u>1.00000</u>
<u>000012</u>	<u>31010766</u>	<u>CABLE ELECTRICAL JB-2 TO FDS LIFT MOTOR</u>	<u>1.00000</u>
<u>000013</u>	<u>31010767</u>	<u>CABLE ELECTRICAL JB-2 TO FDS LIFT BRAKE</u>	<u>1.00000</u>

Item Number: MCC005.000002
Part Number: 31064603
Part Description: KIT MOTOR 2 HP 145TC LIFT W/WARNER FAIL SAFE BRAKE NFB

Item	Part#	Description	Qty
<u>000001</u>	<u>31064557</u>	<u>MOTOR 2HP 208-230/460VAC 5.6-5.2/2.6FLA 3PH 1725RPM@60HZ 145TC INV READY -FOOTLESS CLASS F INSULATION 1.15 SERVICE FACTOR</u>	<u>1.00000</u>
<u>000002</u>	<u>P-011525</u>	<u>BRAKE HOLDING 24 VDC 21 LB-FT 145 TC FAIL SAFE DOUBLE C FACE</u>	<u>1.00000</u>

Item Number: MCC005.000011
Part Number: 31010765
Part Description: CABLE ELECTRICAL JB-1 TO ROTATION MOTOR

Item	Part#	Description	Qty
<u>000001</u>	<u>30132345</u>	<u>CABLE ELECTRICAL 4 COND 14</u> <u>AWG ROUND PVC UL TC-ER BLACK</u> <u>WITH WHITE NUMBERS .392 DIA (-</u> <u>40C TO 90C)</u>	<u>144.00000</u>

Item Number: MCC005.000012
Part Number: 31010766
Part Description: CABLE ELECTRICAL JB-2 TO FDS LIFT MOTOR

Item	Part#	Description	Qty
<u>000001</u>	<u>30132345</u>	<u>CABLE ELECTRICAL 4 COND 14 AWG</u> <u>ROUND PVC UL TC-ER BLACK WITH</u> <u>WHITE NUMBERS .392 DIA (-40C TO</u> <u>90C)</u>	<u>60.00000</u>

Item Number: MCC005.000013
Part Number: 31010767
Part Description: CABLE ELECTRICAL JB-2 TO FDS LIFT BRAKE

Item	Part#	Description	Qty
<u>NONE</u>	<u>30132319</u>	<u>CABLE ELECTRICAL 3 COND 16 AWG</u> <u>ROUND PVC UL TC-ER BLACK WITH</u> <u>WHITE NUMBERS .325 DIA</u>	<u>60.00000</u>

Item Number: MCC006
Part Number: 30226127
Part Description: DRIVE KIT S-3500/S-4000 WRAP ARM AND FDS LIFT 182TC/145TC INPUT 35RPM W/O AC MOTORS OR BRAKE (-10 TO 105F) COST SAVINGS

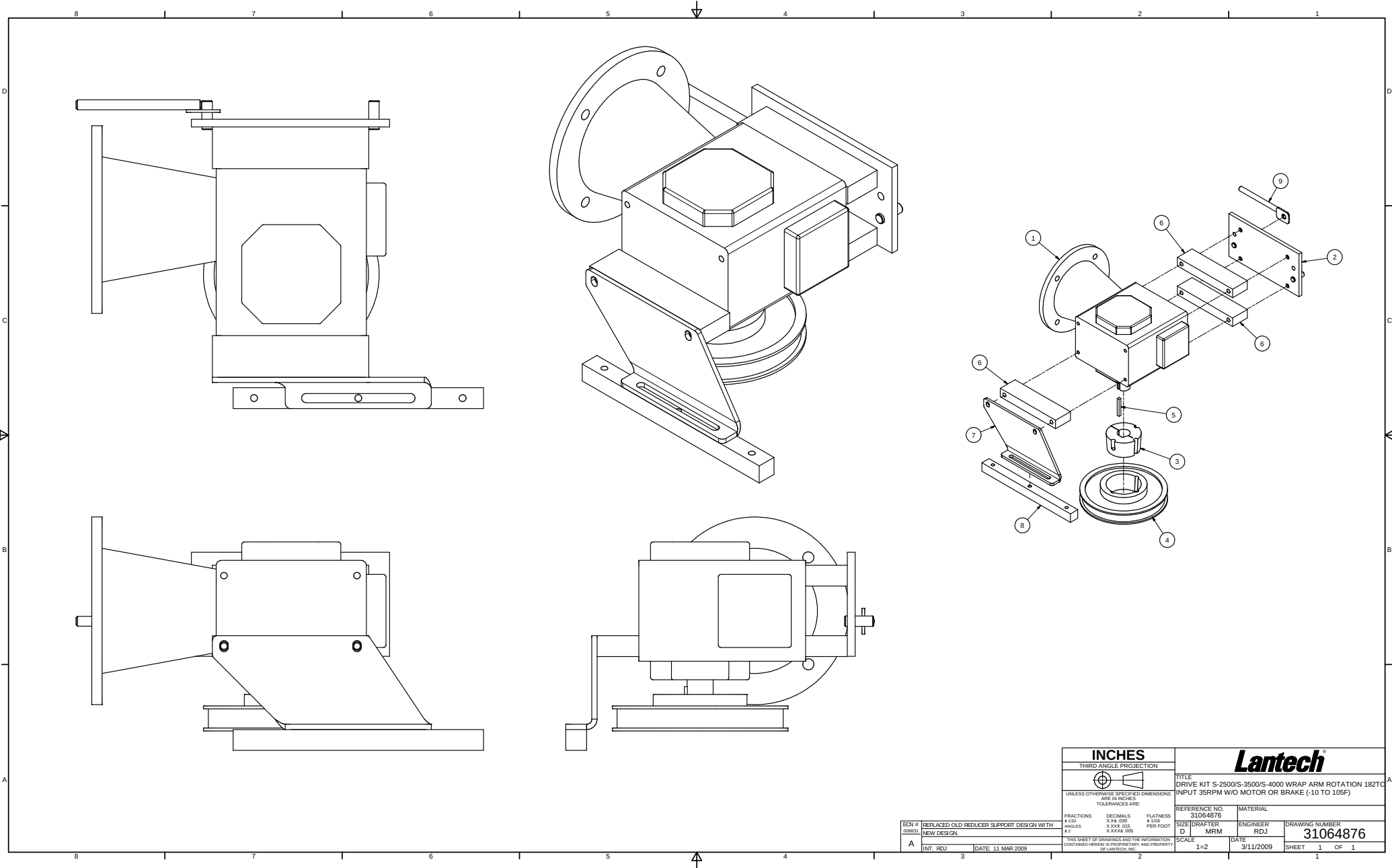
Item	Part#	Description	Qty
<u>000001</u>	<u>31064876</u>	<u>DRIVE KIT S-2500/S-3500/S-4000 WRAP</u> <u>ARM ROTATION 182TC INPUT 35RPM</u> <u>W/O MOTOR OR BRAKE (-10 TO 105F)</u>	<u>1.00000</u>
<u>000002</u>	<u>30226122</u>	<u>DRIVE KIT S-AUTO FILM DELIVERY</u> <u>SYSTEM LIFT 145TC W/O MOTOR OR</u> <u>BRAKE (-10 TO 105F) COST SAVINGS</u>	<u>1.00000</u>

Item Number: MCC006.000001

Part Number: 31064876

Part Description: DRIVE KIT S-2500/S-3500/S-4000 WRAP ARM ROTATION 182TC INPUT 35RPM W/O MOTOR OR BRAKE (-10 TO 105F)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30015905</u>	<u>REDUCER GRG-BM826-10-L-180 - MOBIL GLYGOYLE 460 LUBRICANT (- 10 TO +105F) / FILLED FOR OUTPUT SHAFT VERTICAL MOUNTING POSITION</u>	<u>1.00000</u>
<u>000002</u>	<u>30045211</u>	<u>MOUNT FAB S-25/35 REDUCER WRAP ARM ROTATION FOR 226 REDUCER</u>	<u>1.00000</u>
<u>000003</u>	<u>31015643</u>	<u>BUSHING TAPERLOCK 1-1/4 BORE</u>	<u>1.00000</u>
<u>000004</u>	<u>30044676</u>	<u>SPROCKET POLYCHAIN 8MX-80S-21 2517 GT2 SPKT</u>	<u>1.00000</u>
<u>000005</u>	<u>31027195</u>	<u>KEY 1/4 SQ X 2</u>	<u>1.00000</u>
<u>000006</u>	<u>30133941</u>	<u>BLOCK DRIVE SPACER 1 X 2 X 7 1/2</u>	<u>3.00000</u>
<u>000007</u>	<u>30133943</u>	<u>MOUNT FORMED AC DRIVE SUPPORT</u>	<u>1.00000</u>
<u>000008</u>	<u>30133942</u>	<u>BLOCK AC DRIVE SUPPORT 1 X 1 X 12</u>	<u>1.00000</u>
<u>000009</u>	<u>30133946</u>	<u>TENSIONER FAB WRAP ARM ROTATION DRIVE ADJUSTABLE LINEAR</u>	<u>1.00000</u>
<u>000030</u>	<u>S-005177</u>	<u>FASTENER BOLT 1/2-13 X 1-1/4 HEX HEAD GRADE 8</u>	<u>3.00000</u>



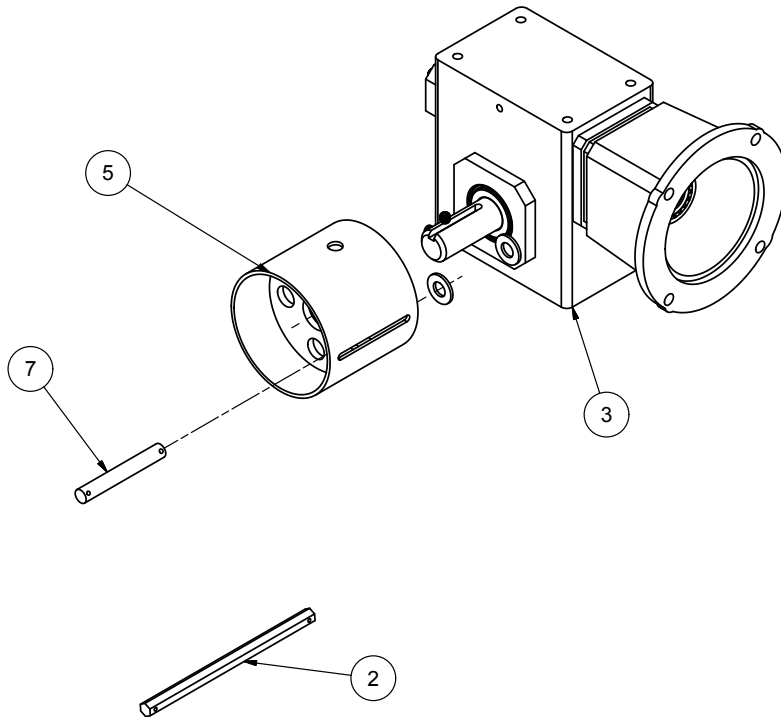
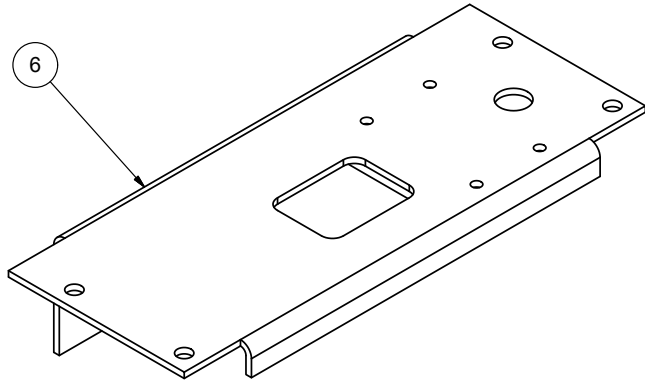
EDN IF (USE)	REPLACED OLD REDUCER SUPPORT DESIGN WITH NEW DESIGN.
A	INT. RDJ

FRACCTIONS 4/100	DECIMALS X.XX (100)	FLATNESS X.XX (100)
ANGLES 4°	PER FOOT X.XX (100)	

INCHES THIRD ANGLE PROJECTION		Lantech	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS FLATNESS ANGLES PER FOOT		TITLE DRIVE KIT S-2500/S-3500/S-4000 WRAP ARM ROTATION 182° INPUT 35RPM W/O MOTOR OR BRAKE (-10 TO 105°)	
REFERENCE NO. 31064876	MATERIAL	ENGINEER RDJ	DRAWING NUMBER 31064876
SIZE/DRAFTER D MRM	SCALE 1=2	DATE 3/11/2009	SHEET 1 OF 1

Item Number: MCC006.000002
 Part Number: 30226122
 Part Description: DRIVE KIT S-AUTO FILM DELIVERY SYSTEM LIFT 145TC W/O MOTOR OR BRAKE (-10 TO 105F) COST SAVINGS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30016054</u>	<u>BELT FLAT LIFT NYLON 3 X 125 FOR FDS S-25/3500 80/110 WRAP HEIGHT</u>	<u>1.00000</u>
<u>000002</u>	<u>30002933</u>	<u>SHAFT FDS LIFT ASM 7-1/2 WITH COTTER PIN HOLES</u>	<u>1.00000</u>
<u>000003</u>	<u>31049453</u>	<u>REDUCER BM 224-40-2-145TC-L1 - MOBIL GLYGOYLE 460 (-10 TO 105F)</u>	<u>1.00000</u>
<u>000005</u>	<u>30226123</u>	<u>DRUM FAB 4 WIDE X 4-1/2 OD 1-1/8 IN BORE 1/4 IN KYWY</u>	<u>1.00000</u>
<u>000006</u>	<u>30010482</u>	<u>MOUNT FRAME - 1238 REDUCER -FDS LIFT</u>	<u>1.00000</u>
<u>000007</u>	<u>30226267</u>	<u>SHAFT FDS 1/2 IN DIA X 3-5/8 IN LG</u>	<u>1.00000</u>
<u>000008</u>	<u>31021632</u>	<u>WASHER FLAT 1/2 GRADE 8</u>	<u>2.00000</u>
<u>000009</u>	<u>31025471</u>	<u>FASTENER SETSCREW M8X1.25 X 8MM KNURLED BLACK OXIDE</u>	<u>2.00000</u>



MOUNT ITEM 2 TO FILM DELIVERY SYS.

UNLESS OTHERWISE NOTED,
STANDARD TOLERANCES:

ANGLES: $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS: $\pm 1/16"$ PER FT.
FRACTIONS: $1/32"$

DECIMALS: .XX $\pm .015"$
X. $\pm .060"$.XXX $\pm .005"$
.X $\pm .030"$.XXXX $\pm .001"$

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PROPERTY OF LANTECH, INC.

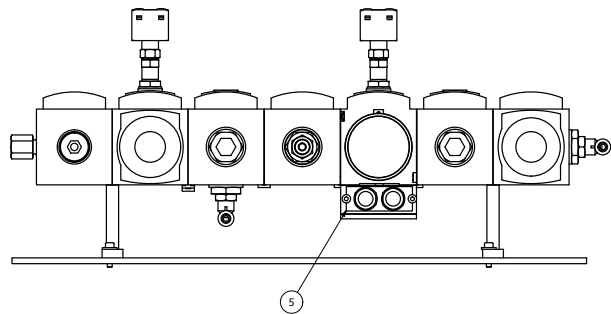
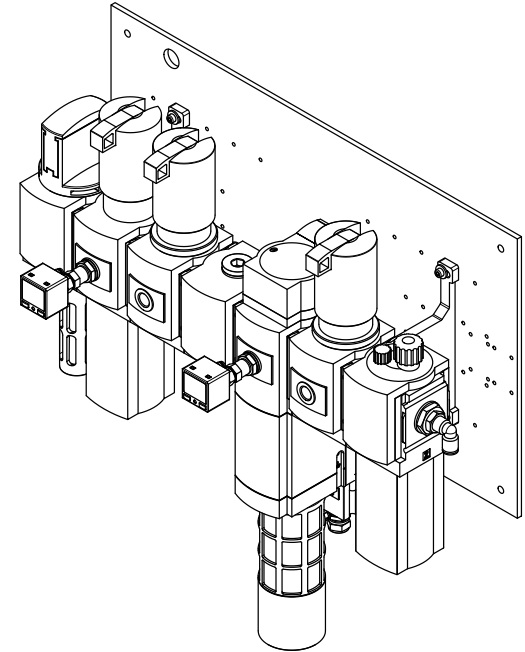
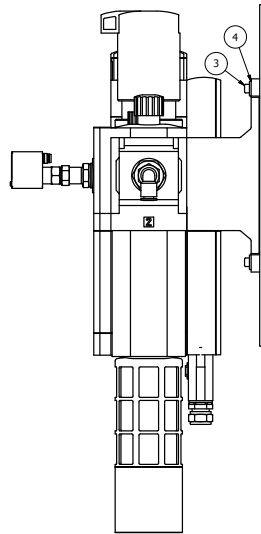
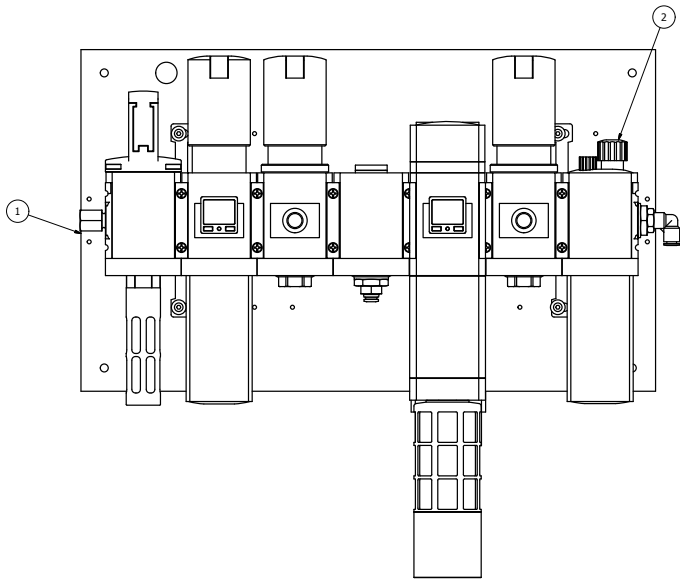
Lantech[®]

TITLE
DRIVE KIT S-AUTO FILM DELIVERY SYSTEM LIFT 145TC
W/O MOTOR OR BRAKE (-10 TO 105F) COST SAVINGS

REFERENCE 30059950	MATERIAL	
SIZE DRAFTER B JRL	ENGINEER JRL	DRAWING NUMBER 30226122
SCALE 1=2	DATE 10/1/2018	SHEET 1 OF 1

Item Number: MCC009
 Part Number: 30209200
 Part Description: KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/MTG PLATE / W/O GAUGES

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30211027</u>	<u>KIT AIR PREPARATION COMPONENTS</u> <u>SL / LSC 4.0 / FOR FESTO VALVES /</u> <u>CAT 3 / W/O GAUGES</u>	<u>1.00000</u>
<u>000002</u>	<u>30144873</u>	<u>PLATE PNEUMATIC CONDITIONING</u> <u>NFB</u>	<u>1.00000</u>
<u>000003</u>	<u>P-SC0416</u>	<u>FASTENER SCREW MACHINE M4X.70</u> <u>X 16MM SOCKET HEAD CAP</u>	<u>4.00000</u>
<u>000004</u>	<u>P-WF0400</u>	<u>WASHER FLAT NORMAL DIN 125A - M4</u> <u>- CZP</u>	<u>4.00000</u>
<u>000005</u>	<u>31087542</u>	<u>CONNECTOR HOUSING MULTIPIN</u> <u>NECA-S1G9-P9-MP1</u>	<u>1.00000</u>
<u>000010</u>	<u>30152690</u>	<u>KIT CABLES FOR FESTO CAT 3</u> <u>PRESSURE SWITCHES (ALLEN-</u> <u>BRADLEY)</u>	<u>1.00000</u>

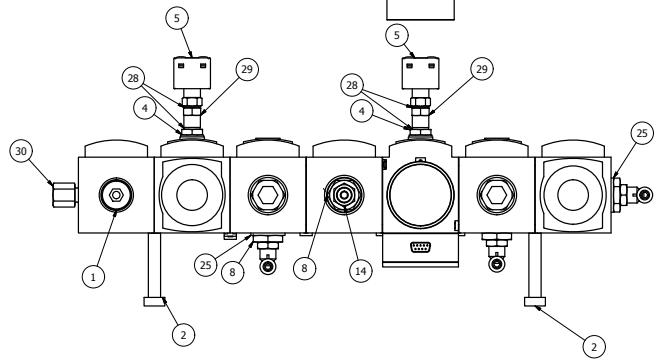
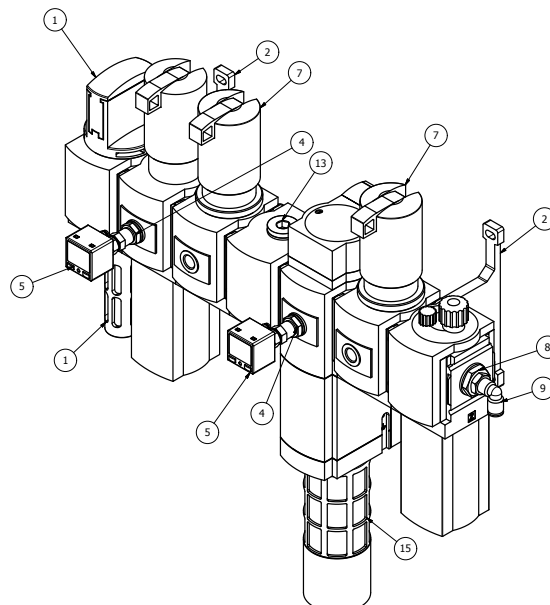
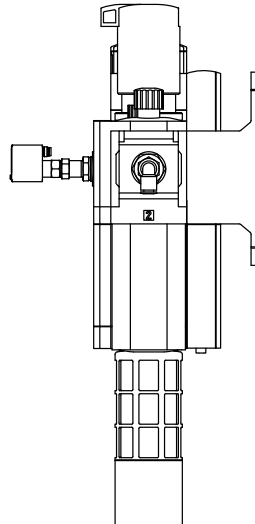
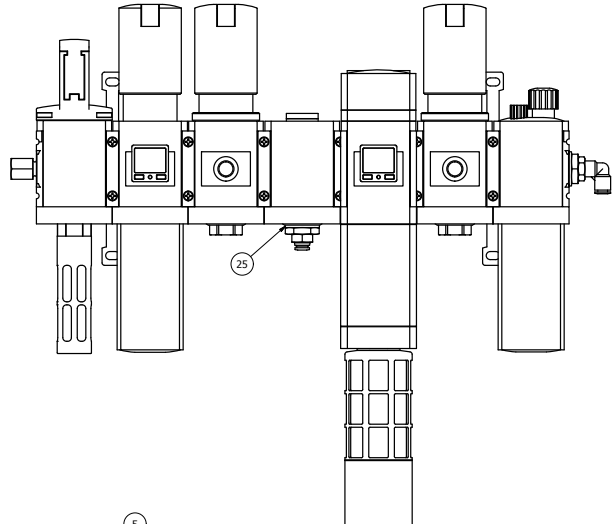
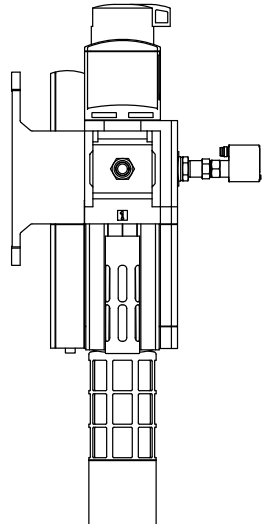
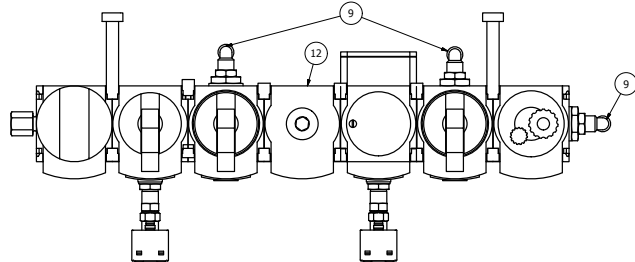


INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/MTG PLATE / W/O GAUGES		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS	DECIMALS	FLATNESS	30148835		
±.125	±.004, .005	±.116	SIZE/DRAFTER	ENGINEER	
ANGLES	±.004, .005	PER FOOT	D JJE	RJK	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.			SCALE	DATE	DRAWING NUMBER
			1=2	3/23/2017	30209200
				SHEET	1 OF 1

Item Number: MCC009.000001
 Part Number: 30211027
 Part Description: KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/O GAUGES

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30144931</u>	<u>VALVE SHUT OFF MS6-EM1-1/4-S</u>	<u>1.00000</u>
<u>000002</u>	<u>30144939</u>	<u>FILTER REGULATOR MOUNTNG</u> <u>BRACKET MS6-WPB</u>	<u>2.00000</u>
<u>000003</u>	<u>31017484</u>	<u>FILTER REGULATOR MS6-LFR-1/2-D7-</u> <u>E-R-M-A4-AS</u>	<u>1.00000</u>
<u>000004</u>	<u>30232807</u>	<u>FITTING PNEUMATIC KIT REDUCING</u> <u>NIPPLE G14 TO G18 WITH O-RING</u>	<u>2.00000</u>
<u>000005</u>	<u>30219010</u>	<u>SWITCH PRESSURE SENSOR</u> <u>ADAPTER KIT</u>	<u>2.00000</u>
<u>000006</u>	<u>31050024</u>	<u>MODULE CONNECTOR MS6-MV</u>	<u>4.00000</u>
<u>000007</u>	<u>30144935</u>	<u>FILTER REGULATOR MS6-LRB-1/2-D5-</u> <u>A4-AS</u>	<u>2.00000</u>
<u>000008</u>	<u>31074913</u>	<u>FITTING PNEUMATIC THREADED</u> <u>REDUCER - G1/2 MALE X G3/8 FEMALE</u> <u>-4F/+302F</u>	<u>4.00000</u>
<u>000009</u>	<u>31074914</u>	<u>FITTING PNEUMATIC PUSH-IN L-FIT</u> <u>HYBRID QBL-3/8-1/4-U-M</u>	<u>3.00000</u>
<u>000011</u>	<u>31083178</u>	<u>LUBRICATOR PNEUMATIC MS6-LOE-</u> <u>1/2-R</u>	<u>1.00000</u>
<u>000012</u>	<u>30147257</u>	<u>FITTING PNEUMATIC BRANCHING</u> <u>MODULE WITH (4) G1/2 FEMALE</u> <u>THREADED PORTS (MS6 SIZE)</u>	<u>1.00000</u>
<u>000013</u>	<u>31031377</u>	<u>FITTING PNEUMATIC THREADED</u> <u>PLUG - G1/2 MALE +14F/+140F</u>	<u>2.00000</u>
<u>000014</u>	<u>31074912</u>	<u>FITTING PNEUMATIC PUSH-IN HYBRID</u> <u>QB-3/8-1/4-U-M</u>	<u>1.00000</u>
<u>000015</u>	<u>31087546</u>	<u>VALVE SMOOTH START MS6-SV-1/2-E-</u> <u>10V24-SO-A4 WITH 2551120 MS6-SV</u> <u>EARTHING CABLE</u>	<u>1.00000</u>
<u>000025</u>	<u>31093029</u>	<u>FITTING PNEUMATIC O-RING O-1/2</u>	<u>4.00000</u>
<u>000028</u>	<u>31093025</u>	<u>FITTING PNEUMATIC O-RING O-1/8</u>	<u>4.00000</u>
<u>000029</u>	<u>30152569</u>	<u>FITTING EXTENSION G1/8 MALE TO</u> <u>G1/8 FEMALE 16MM LONG</u>	<u>2.00000</u>
<u>000030</u>	<u>30051102</u>	<u>FITTING PIPE ADAPTER ISO MALE</u> <u>THREAD TO NPT FEMALE (AD-G1/4-1/4</u> <u>NPT I)</u>	<u>1.00000</u>

8 7 6 5 4 3 2 1



INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
			KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/O GAUGES		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO. 30148825		
TOLERANCES ARE:			MATERIAL		
FRACTIONS ±.005	DECIMALS ±.005	FLATNESS ±.010	SIZE DRAFTER D JJE	ENGINEER RJK	DRAWING NUMBER 30211027
ANGLES ±1°			SCALE 1=2	DATE 3/23/2017	SHEET 1 OF 1
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANTTECH, INC.					

8 7 6 5 4 3 2 1

Item Number: MCC009.000010
Part Number: 30152690
Part Description: KIT CABLES FOR FESTO CAT 3 PRESSURE SWITCHES (ALLEN-BRADLEY)

Item	Part#	Description	Qty
<u>000001</u>	<u>30138098</u>	<u>CABLE ELECTRICAL CORDSET: PICO</u> <u>(M8) FEMALE 90DEG 4-PIN PVC CABLE</u> <u>YELLOW UNSHIELDED 24AWG IEC</u> <u>COLOR CODEDNO CONNECTOR 5</u> <u>METER (16.4 FEET)</u>	<u>2.00000</u>

Item Number: MCC012
 Part Number: 30173890
 Part Description: ENCLOSURE ASM 4 X 4 X 3 REMOTE E-STOP 22.5MM NON-ILLUMINATED W/ 1NO/2NC CONTACT BLOCKS AND
 FENCE MOUNT BRACKET BLANK NAMEPLATE

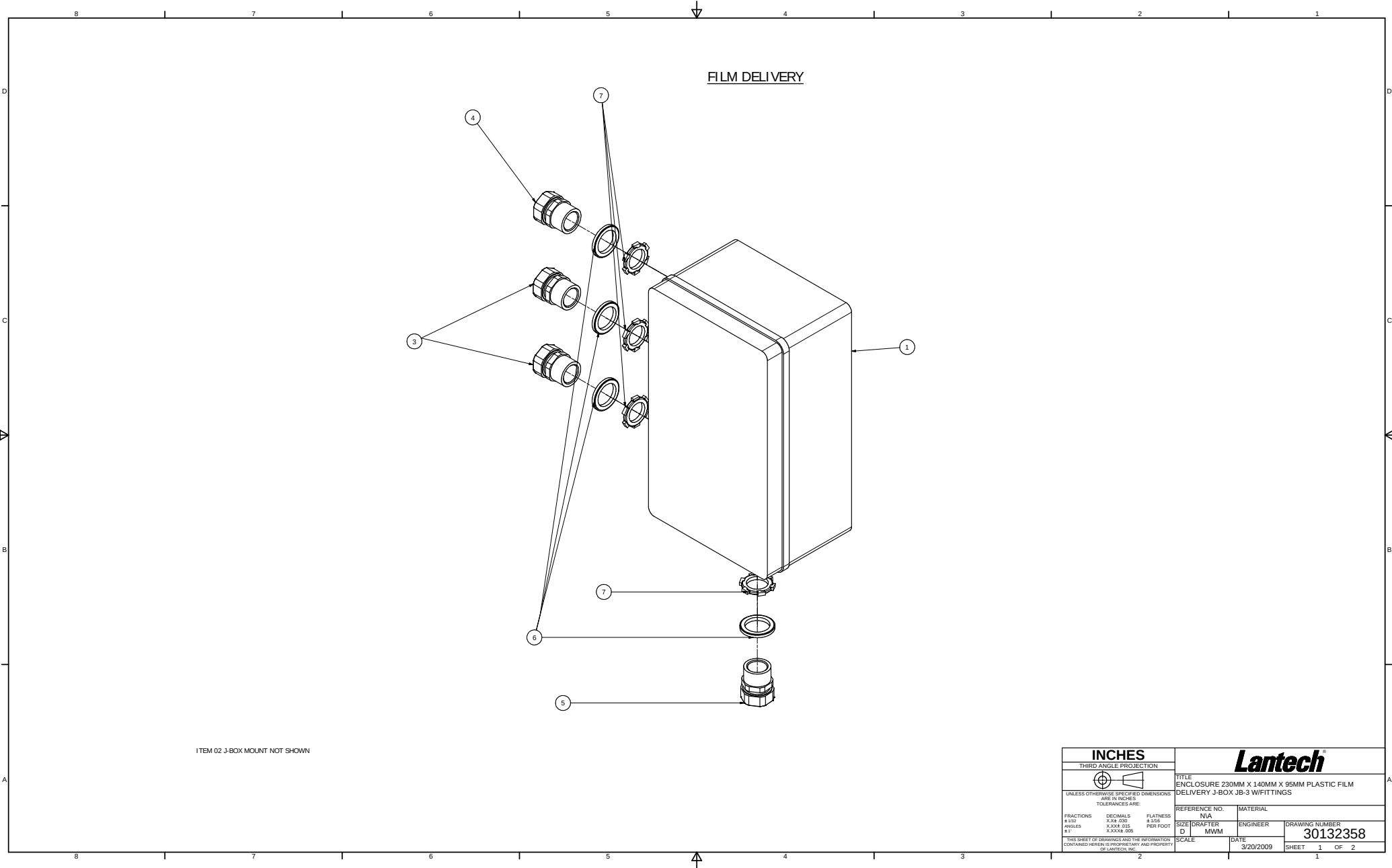
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30164907</u>	<u>KIT OPERATOR 'EMERGENCY STOP'</u> <u>22.5MM NON-ILLUMINATED TWIST-TO-</u> <u>RELEASE 1NO/2NC WITH BLANK</u> <u>NAMEPLATE</u>	<u>1.00000</u>
<u>000002</u>	<u>31041650</u>	<u>ENCLOSURE 1 HOLE 22.5MM GRAY</u> <u>PLASTIC KNOCKOUT TYPE PG</u>	<u>1.00000</u>
<u>000003</u>	<u>30106268</u>	<u>MOUNT AB 800F ENCLOSURE FENCE</u>	<u>1.00000</u>
<u>000004</u>	<u>30017190</u>	<u>WASHER M4 FLAT T304SS</u>	<u>4.00000</u>
<u>000005</u>	<u>30017191</u>	<u>WASHER M4 SPLIT LOCK T304SS</u>	<u>4.00000</u>
<u>000006</u>	<u>31030795</u>	<u>FASTENER BOLT M4 X 14MM SHCS</u>	<u>4.00000</u>

Item Number: MCC013
Part Number: 30220882
Part Description: KIT SL-SERIES J-BOXES FOR CONNECTORS W/FITTINGS (PLASTIC - FILM DELIVERY) (METAL - TOP FRAME/WRAP ARM)

Item	Part#	Description	Qty
<u>000001</u>	<u>30132358</u>	<u>ENCLOSURE 230MM X 140MM X 95MM</u> <u>PLASTIC FILM DELIVERY J-BOX JB-3</u> <u>W/FITTINGS</u>	<u>1.00000</u>
<u>000002</u>	<u>31049086</u>	<u>ENCLOSURE 14 X 12 X 6 METAL TOP</u> <u>FRAME J-BOX JB-1 W/FITTINGS FOR</u> <u>CONNECTOR</u>	<u>1.00000</u>
<u>000004</u>	<u>30132356</u>	<u>ENCLOSURE 12 X 10 X 5 METAL WRAP</u> <u>ARM J-BOX JB-2 W/FITTINGS</u>	<u>1.00000</u>

Item Number: MCC013.000001
 Part Number: 30132358
 Part Description: ENCLOSURE 230MM X 140MM X 95MM PLASTIC FILM DELIVERY J-BOX JB-3 W/FITTINGS

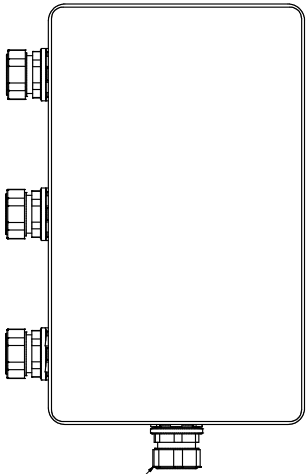
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30132146</u>	<u>ENCLOSURE 230MM X 140MM X 95MM</u> <u>PLASTIC FDS KIT W/ CUTOUTS FOR</u> <u>FITTINGS</u>	<u>1.00000</u>
<u>000002</u>	<u>30052966</u>	<u>MOUNT FDS J-BOX</u>	<u>1.00000</u>
<u>000003</u>	<u>31001314</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .15 - .22 2-</u> <u>HOLE GROMMET METALLIC UL LIQ</u> <u>TIGHT</u>	<u>2.00000</u>
<u>000004</u>	<u>31001289</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .15 - .22 3-</u> <u>HOLE GROMMET METALLIC UL LIQ</u> <u>TIGHT</u>	<u>1.00000</u>
<u>000005</u>	<u>S-005282</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .35 - .45</u> <u>METALLIC (BLUE) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000006</u>	<u>S-007236</u>	<u>GASKET 0.50 SEALING</u>	<u>4.00000</u>
<u>000007</u>	<u>S-005267</u>	<u>CONDUIT LOCKNUT 0.50 PLAIN</u>	<u>4.00000</u>



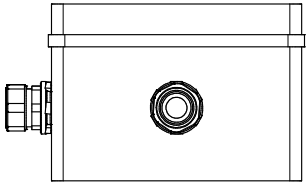
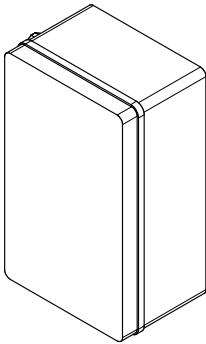
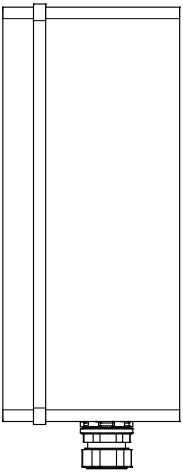
ITEM 02 J-BOX MOUNT NOT SHOWN

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
ENCLOSURE 230MM X 140MM X 95MM PLASTIC FILM			DELIVERY J-BOX JB-3 W/FITTINGS		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO.		
TOLERANCES ARE:			MATERIAL		
FRACTIONS	DECIMALS	FLATNESS	N/A	ENGINEER	DRAWING NUMBER
4/125	0.0005	0.002	SIZE DRAFTER	DATE	30132358
ANGLES	XXX.XX5	PER FOOT	D	3/20/2009	SHEET 1 OF 2
4:1	XXX.XX5		SCALE		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.					

FILM DELIVERY SYSTEM



CBL 3 (#18/12C)
1/2" BLUE



FILM CARRIAGE NOT UP/
FILM CARRIAGE NOT DN/
FILM CARRIAGE GATE CLOSED
1/2" THREE HOLE

LOAD HEIGHT SENSING
& FILM ROLL NOT DETECTED
1/2" DOUBLE

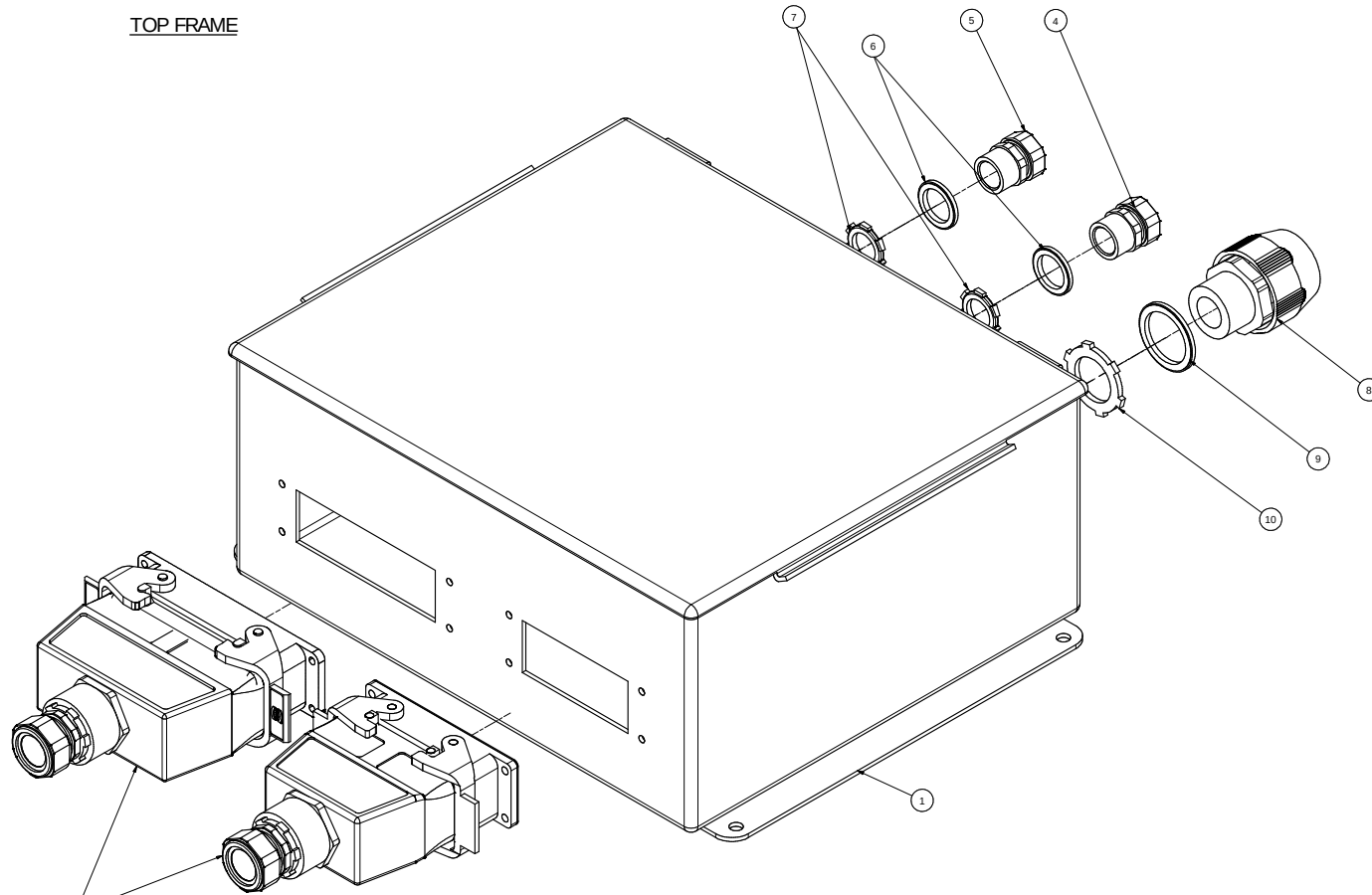
S1 ENCODER
& S2 ENCODER
1/2" DOUBLE

INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			ENCLOSURE 230MM X 140MM X 95MM PLASTIC FILM		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DELIVERY J-BOX JB-3 W/FITTINGS		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS 4/125	DECIMALS X.XX (3S)	FLATNESS 0.125 PER FOOT	N/A	ENGINEER	DRAWING NUMBER
ANGLES 4°	XX.XX (3S)		SIZE/DRAFTER D MWM		30132358
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1=1	DATE 3/20/2009	SHEET 2 OF 2

Item Number: MCC013.000002
 Part Number: 31049086
 Part Description: ENCLOSURE 14 X 12 X 6 METAL TOP FRAME J-BOX JB-1 W/FITTINGS FOR CONNECTOR

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30132140</u>	<u>ENCLOSURE 14 X 12 X 6 METAL TOP FRAME LOCATION W/ CUTOUTS FOR CONNECTOR/FITTINGS</u>	<u>1.00000</u>
<u>000002</u>	<u>P-012377</u>	<u>ENCLOSURE PANEL PLATE 14 X 12</u>	<u>1.00000</u>
<u>000003</u>	<u>30052901</u>	<u>SUPPORT ANGLE CABLE/CONDUIT S- SERIES BASE</u>	<u>1.00000</u>
<u>000004</u>	<u>S-007686</u>	<u>FITTING ELECTRICAL CORD GRIP 1/2NPSM STR CORD DIA .12 - .25 METALLIC (RED) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000005</u>	<u>S-005282</u>	<u>FITTING ELECTRICAL CORD GRIP 1/2NPSM STR CORD DIA .35 - .45 METALLIC (BLUE) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000006</u>	<u>S-007236</u>	<u>GASKET 0.50 SEALING</u>	<u>2.00000</u>
<u>000007</u>	<u>S-005267</u>	<u>CONDUIT LOCKNUT 0.50 PLAIN</u>	<u>2.00000</u>
<u>000008</u>	<u>30003587</u>	<u>CONDUIT FITTING 1 STR NON- METALLIC</u>	<u>1.00000</u>
<u>000009</u>	<u>S-007369</u>	<u>GASKET 1.00 SEALING</u>	<u>1.00000</u>
<u>000010</u>	<u>S-006203</u>	<u>CONDUIT LOCKNUT 1.00 PLAIN</u>	<u>1.00000</u>

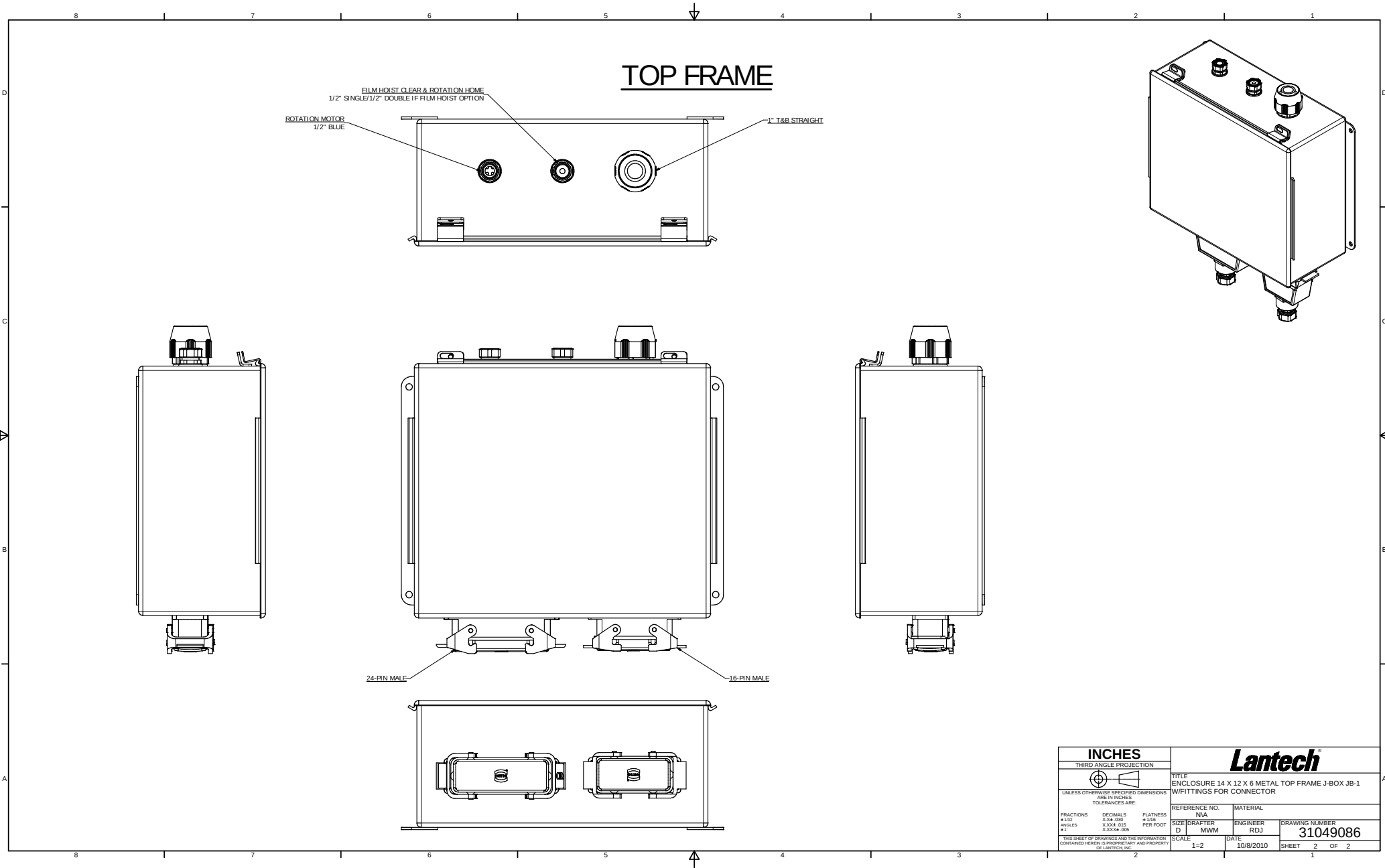
TOP FRAME



SHOWN FOR REFERENCE

ITEM 02 PANEL PLATE & 03 CABLE SUPPORT NOT SHOWN

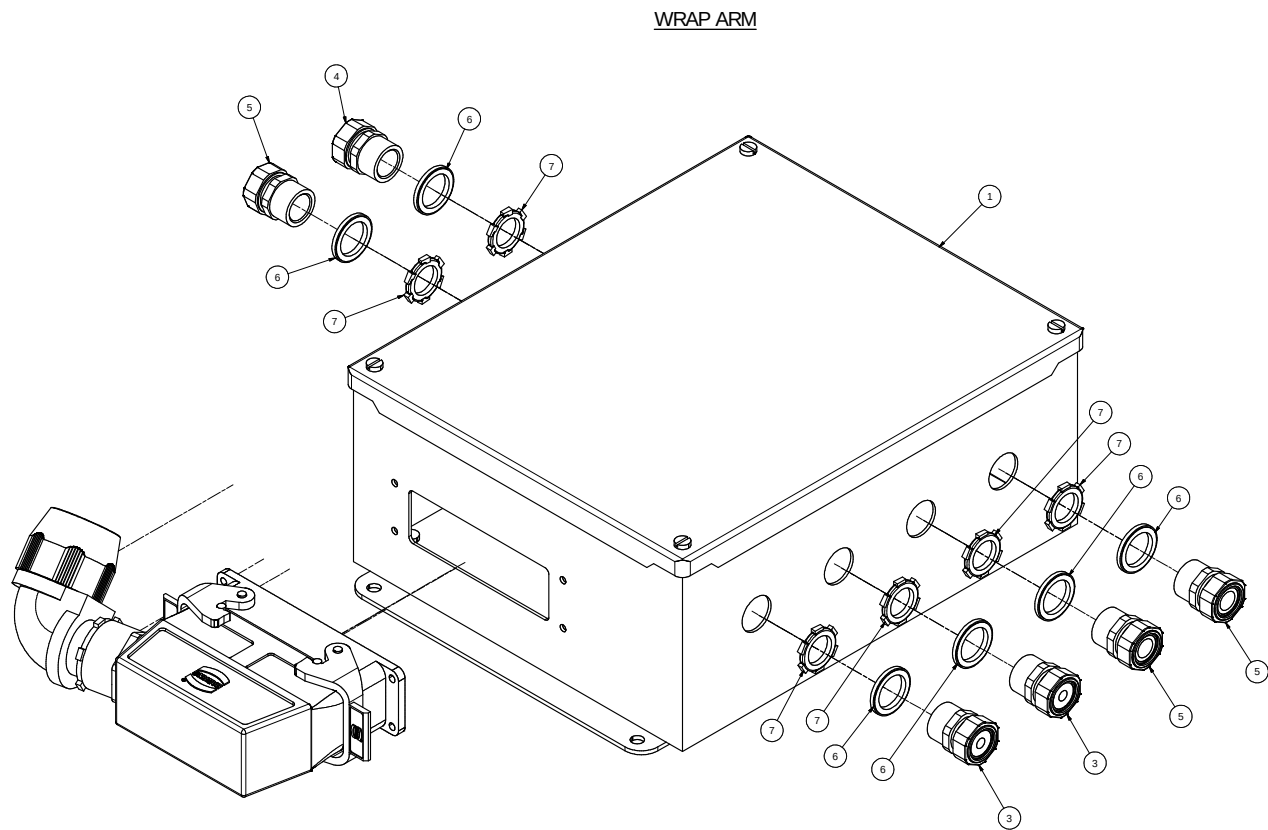
INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
ENCLOSURE 14 X 12 X 6 METAL TOP FRAME 3-BOX JB-1			W/FITTINGS FOR CONNECTOR		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REFERENCE NO.		
TOLERANCES ARE:			MATERIAL		
FRACTIONS	DECIMALS	FLATNESS	N/A	ENGINEER	DRAWING NUMBER
4/100	0.0005	0.005	SIZE/DRAFTER	RDJ	31049086
ANGLES	PER FOOT	PER FOOT	D	MWM	
4/1			SCALE	DATE	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			3=4	10/8/2010	SHEET 1 OF 2



INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
			ENCLOSURE 14 X 12 X 6 METAL TOP FRAME J-BOX JB-1		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			W/FITTINGS FOR CONNECTOR		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS	DECIMALS	FLATNESS	N/A	SIZE DRAFTER	ENGINEER
4/125	0.004 (3S)	0.004	D	MWM	RDJ
ANGLES	PER FOOT	XXX.X (3S)	SCALE:	DATE	DRAWING NUMBER
4°			1=2	10/8/2010	31049086
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.				SHEET	2 OF 2

Item Number: MCC013.000004
Part Number: 30132356
Part Description: ENCLOSURE 12 X 10 X 5 METAL WRAP ARM J-BOX JB-2 W/FITTINGS

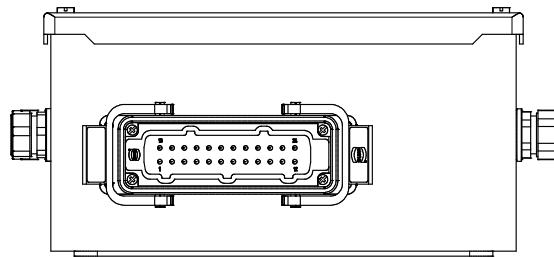
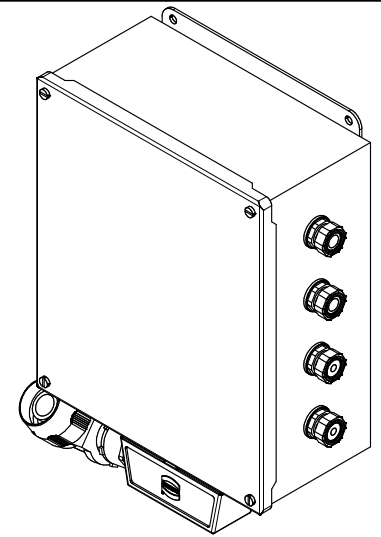
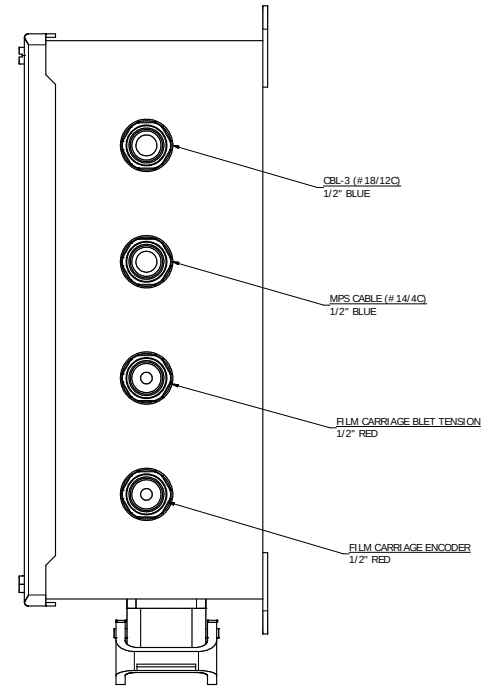
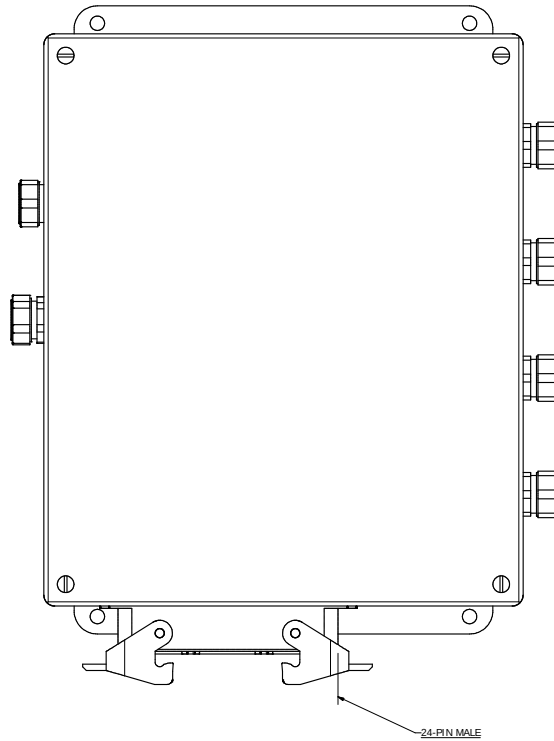
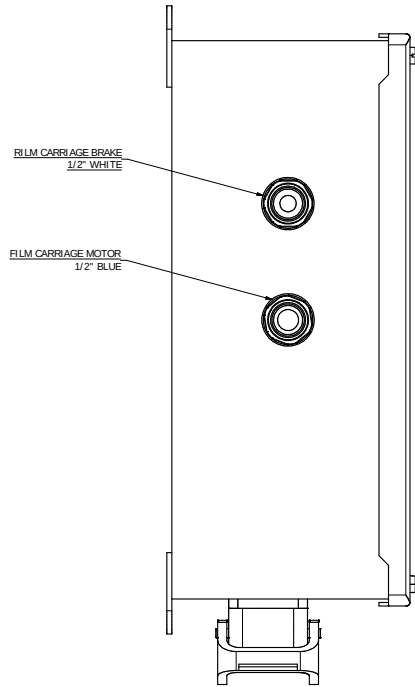
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30132142</u>	<u>ENCLOSURE 12 X 10 X 5 METAL WRAP</u> <u>ARM LOCATION W/ CUTOUTS FOR</u> <u>CONNECTOR/FITTINGS</u>	<u>1.00000</u>
<u>000002</u>	<u>C-001722</u>	<u>ENCLOSURE PANEL PLATE 12 X 10</u>	<u>1.00000</u>
<u>000003</u>	<u>S-007686</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .12 - .25</u> <u>METALLIC (RED) UL LIQ TIGHT</u>	<u>2.00000</u>
<u>000004</u>	<u>S-007157</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .25 - .35</u> <u>METALLIC (WHITE) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000005</u>	<u>S-005282</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>1/2NPSM STR CORD DIA .35 - .45</u> <u>METALLIC (BLUE) UL LIQ TIGHT</u>	<u>3.00000</u>
<u>000006</u>	<u>S-007236</u>	<u>GASKET 0.50 SEALING</u>	<u>6.00000</u>
<u>000007</u>	<u>S-005267</u>	<u>CONDUIT LOCKNUT 0.50 PLAIN</u>	<u>6.00000</u>



ITEM 02 PANEL PLATE NOT SHOWN

INCHES			Lantech		
THIRD ANGLE PROJECTION			TITLE		
			ENCLOSURE 12 X 10 X 5 METAL WRAP ARM J-B-2		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			W/FITTINGS		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS	DECIMALS	FLATNESS	N/A	SIZE	ENGINEER
4/125	0.0003	0.005	D	MWM	DRAWING NUMBER
ANGLES	PER FOOT				30132356
4°			SCALE	DATE	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.				3/20/2009	SHEET 1 OF 2

WRAP ARM



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			ENCLOSURE 12 X 10 X 5 METAL WRAP ARM J-B-2		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			W/FITTINGS		
TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS 4/125	DECIMALS X.XX (3S)	FLATNESS X.XX (3S)	N/A	ENGINEER	DRAWING NUMBER
ANGLES 4°	PER FOOT X.XX (4 S)		SIZE/DRAFTER D MWM	DATE 3/20/2009	30132356
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.			SCALE 1=1	SHEET 2	OF 2

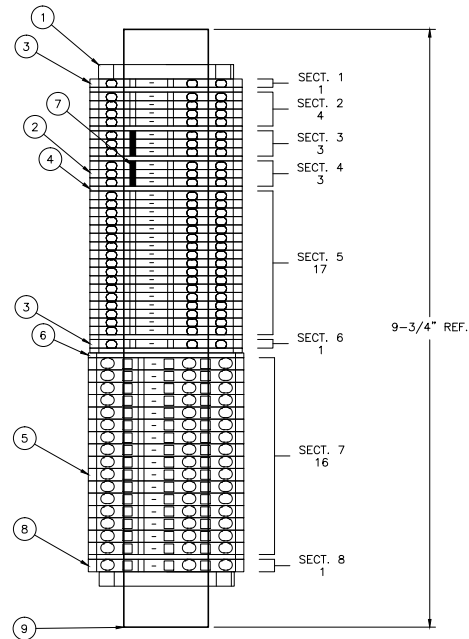
Item Number: MCC014
Part Number: 30220886
Part Description: KIT SL-SERIES TERMINAL ASSEMBLY ALLEN-BRADLEY 1492-L SPRING-CLAMP

Item	Part#	Description	Qty
<u>000001</u>	<u>30148897</u>	<u>KIT NFB TOP FRAME J-BOX TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492-L SPRING-CLAMP W/E-RAIL</u>	<u>1.00000</u>
<u>000002</u>	<u>30148898</u>	<u>KIT SL-SERIES WRAP ARM J-BOX TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492-L SPRING-CLAMP (FOR FDS LIFT BRAKE) W/E-RAIL</u>	<u>1.00000</u>

Item Number: MCC014.000001
 Part Number: 30148897
 Part Description: KIT NFB TOP FRAME J-BOX TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492-L SPRING-CLAMP W/E-RAIL

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000002</u>	<u>31048878</u>	<u>TERMINAL BLOCK GREY SPRING CLAMP 3 POINTS 26-14AWG</u>	<u>27.00000</u>
<u>000003</u>	<u>30132403</u>	<u>TERMINAL BLOCK GREEN SPRING CLAMP 3 POINTS 28-16AWG GROUNDING</u>	<u>2.00000</u>
<u>000004</u>	<u>30132401</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-L2T</u>	<u>6.00000</u>
<u>000005</u>	<u>31035395</u>	<u>TERMINAL BLOCK GREY SPRING CLAMP 3 POINTS 30-12AWG</u>	<u>16.00000</u>
<u>000006</u>	<u>30132402</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-L3T</u>	<u>2.00000</u>
<u>000007</u>	<u>30132405</u>	<u>TERMINAL JUMPER 3 POLE FOR 1492-L2 SERIES BLOCKS</u>	<u>2.00000</u>
<u>000008</u>	<u>31036031</u>	<u>TERMINAL BLOCK GREEN SPRING CLAMP 3 POINTS 30-12AWG GROUNDING</u>	<u>1.00000</u>
<u>000009</u>	<u>31005300</u>	<u>RAIL DIN 35MM (1.38INCH) X 2M (78INCH) GALVANIZED STEEL W/ 12MM (.47INCH) X 4.2MM (0.16INCH) SLOT ON 20MM (.78INCH) CENTERS</u>	<u>0.12500</u>

TOP FRAME J-BOX
JB-1

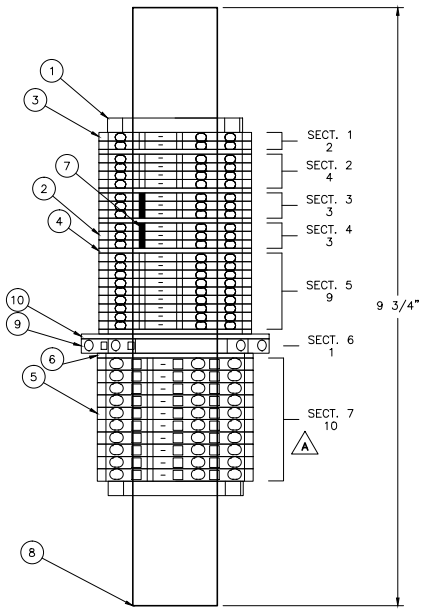


TERMINALS	
Quantity	Name
6	30132401
2	30132402
2	30132403
2	30132405
16	31035395
2	31035408
1	31036031
27	31048878
1	din_9.75

Item Number: MCC014.000002
 Part Number: 30148898
 Part Description: KIT SL-SERIES WRAP ARM J-BOX TERMINAL ASSEMBLIES ALLEN-BRADLEY 1492-L SPRING-CLAMP (FOR FDS LIFT BRAKE) W/E-RAIL

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31035408</u>	<u>TERMINAL END STOP GREY</u>	<u>2.00000</u>
<u>000002</u>	<u>31048878</u>	<u>TERMINAL BLOCK GREY SPRING CLAMP 3 POINTS 26-14AWG</u>	<u>19.00000</u>
<u>000003</u>	<u>30132403</u>	<u>TERMINAL BLOCK GREEN SPRING CLAMP 3 POINTS 28-16AWG GROUNDING</u>	<u>2.00000</u>
<u>000004</u>	<u>30132401</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-L2T</u>	<u>5.00000</u>
<u>000005</u>	<u>31035395</u>	<u>TERMINAL BLOCK GREY SPRING CLAMP 3 POINTS 30-12AWG</u>	<u>10.00000</u>
<u>000006</u>	<u>30132402</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-L3T</u>	<u>1.00000</u>
<u>000007</u>	<u>30132405</u>	<u>TERMINAL JUMPER 3 POLE FOR 1492-L2 SERIES BLOCKS</u>	<u>2.00000</u>
<u>000008</u>	<u>31005300</u>	<u>RAIL DIN 35MM (1.38INCH) X 2M (78INCH) GALVANIZED STEEL W/ 12MM (.47INCH) X 4.2MM (0.16INCH) SLOT ON 20MM (.78INCH) CENTERS</u>	<u>0.12300</u>
<u>000009</u>	<u>30152452</u>	<u>TERMINAL BLOCK TWO-CIRCUIT FEED-THROUGH TWO LEVEL WITH AN IN4007 DIODE IN REVERSE BIAS BETWEEN THE 2 LEVELS UPPER LEVEL HAS ONE ROW FOR CENTER JUMPERS LOWER LEVEL HAS ONE ROW FOR CENTER JUMPERS 4MM^a MAX. WIRE (#26-#10AWG) BLACK</u>	<u>1.00000</u>
<u>000010</u>	<u>30152455</u>	<u>TERMINAL END SECTION YELLOW FOR 1492-LD4</u>	<u>1.00000</u>

WRAP ARM J-BOX
JB-2

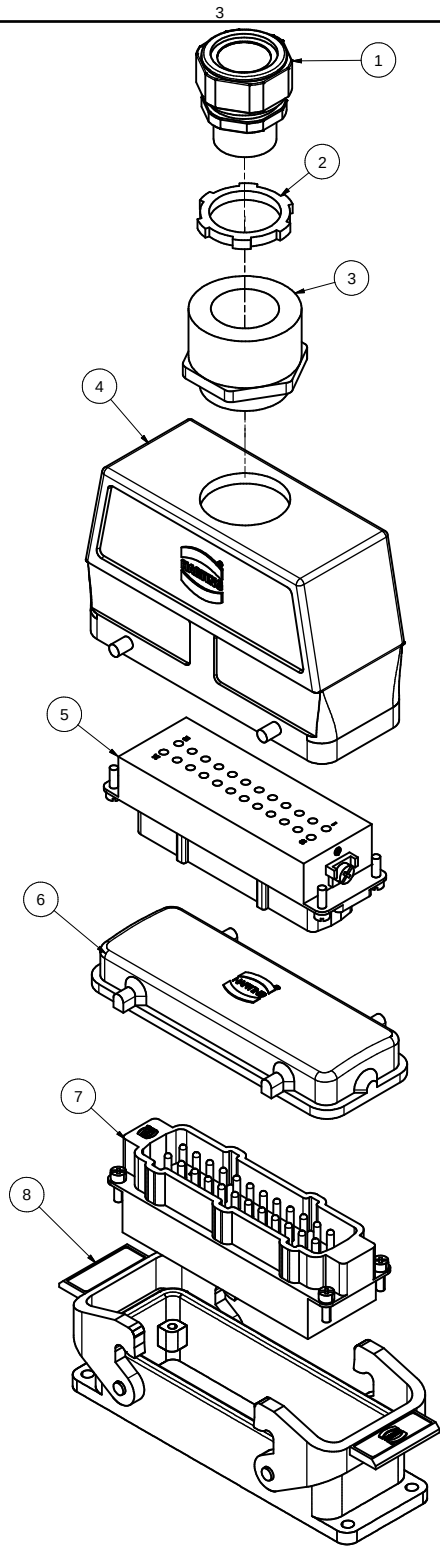


Item Number: MCC015
Part Number: 30220871
Part Description: KIT CONNECTORS SL-SERIES TOP FRAME POWER CN-1A AND CONTROL CN-1B / REAR FENCE DB-7

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30132163</u>	<u>KIT CONNECTOR L-SERIES TOP</u> <u>FRAME CN-1A</u>	<u>1.00000</u>
<u>000002</u>	<u>30132164</u>	<u>KIT CONNECTOR L-SERIES TOP</u> <u>FRAME CN-1B</u>	<u>1.00000</u>
<u>000003</u>	<u>30220873</u>	<u>KIT DISTRIBUTION BLOCK L-SERIES</u> <u>REAR FENCE DB-7</u>	<u>1.00000</u>

Item Number: MCC015.000001
 Part Number: 30132163
 Part Description: KIT CONNECTOR L-SERIES TOP FRAME CN-1A

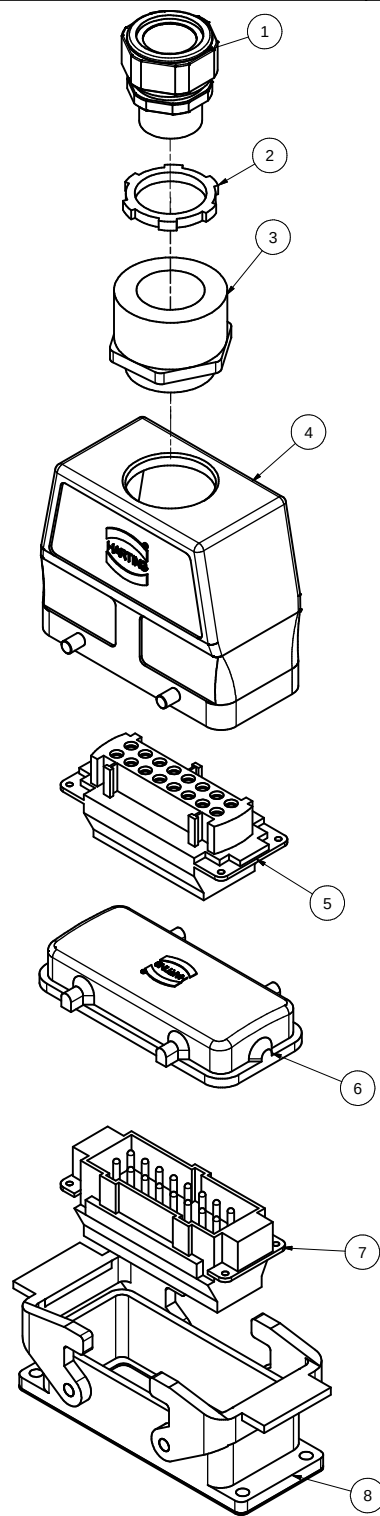
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>S-007943</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>3/4NPSM STR CORD DIA .65 - .75</u> <u>METALLIC (YELLOW) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000002</u>	<u>S-006013</u>	<u>CONDUIT LOCKNUT 0.75 PLAIN</u>	<u>1.00000</u>
<u>000003</u>	<u>30132320</u>	<u>FITTING ADAPTER M32 MALE - 3/4NPT</u> <u>FEMALE</u>	<u>1.00000</u>
<u>000004</u>	<u>30132329</u>	<u>CONNECTOR HOUSING 24B 2 LEVER</u> <u>HOOD HIGH CONSTRUCTION 1X32M</u> <u>TOP ENTRY</u>	<u>1.00000</u>
<u>000005</u>	<u>30000145</u>	<u>CONNECTOR QD FEMALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000006</u>	<u>30132324</u>	<u>CONNECTOR COVER 24B 2-LEVER</u> <u>PROTECTION PLASTIC</u>	<u>1.00000</u>
<u>000007</u>	<u>30000144</u>	<u>CONNECTOR QD MALE INSERT 24P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000008</u>	<u>30000142</u>	<u>CONNECTOR HOUSING MODULAR 24P</u> <u>PLUS GND PANEL MOUNT 2 LEVER</u>	<u>1.00000</u>

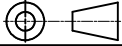


INCHES			Lantech®		
THIRD ANGLE PROJECTION					
			TITLE KIT CONNECTOR NFB TOP FRAME CN-1A		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. N/A		
FRACTIONS ± 1/32	DECIMALS X.X± .030	FLATNESS ± 1/16	MATERIAL		
ANGLES ± 1°	X.XX± .015	PER FOOT X.XXX± .005	SIZE C	DRAFTER MWM	ENGINEER
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			DATE 5/5/2009		DRAWING NUMBER 30132163
			SHEET 1 OF 1		

Item Number: MCC015.000002
 Part Number: 30132164
 Part Description: KIT CONNECTOR L-SERIES TOP FRAME CN-1B

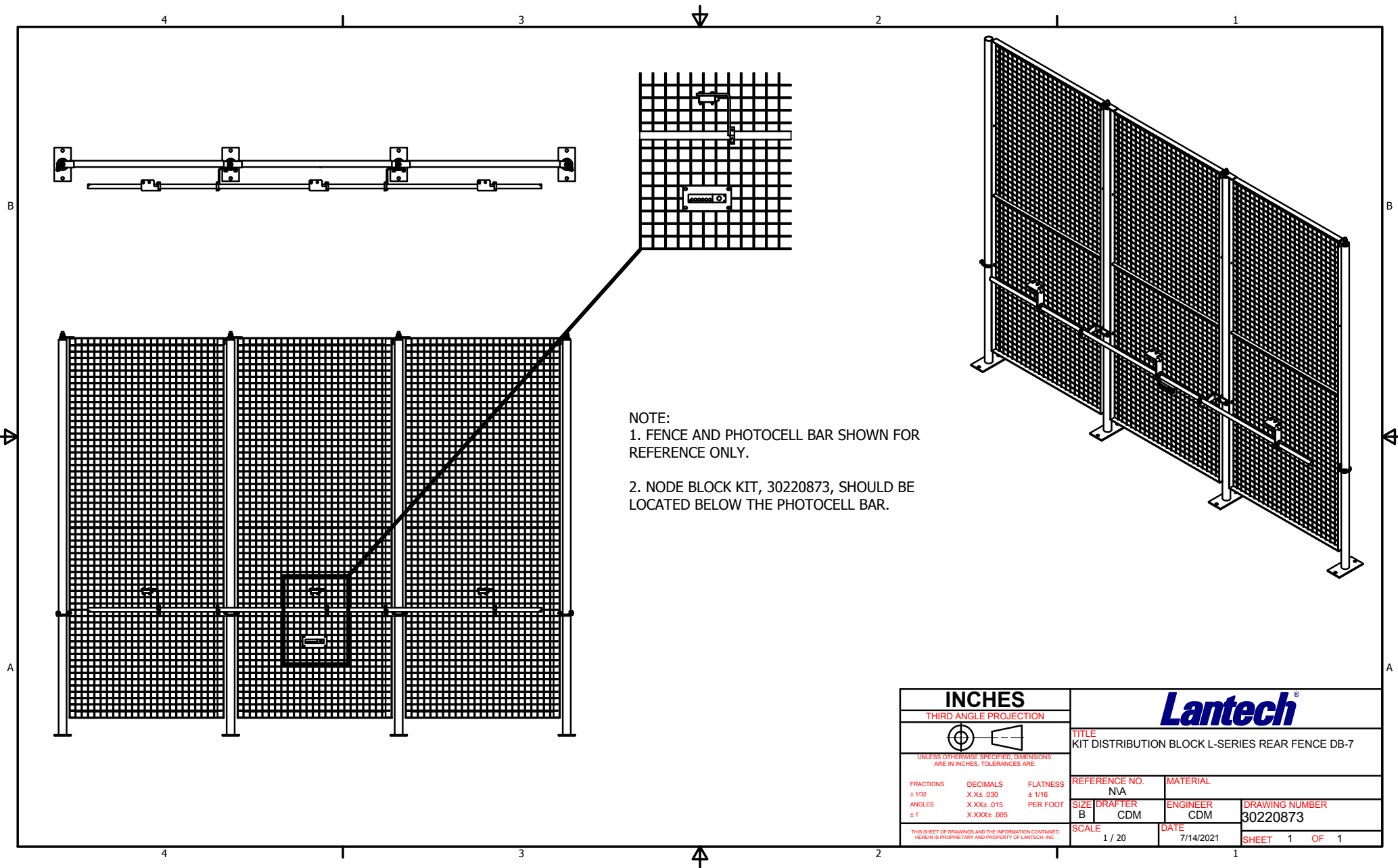
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>S-007943</u>	<u>FITTING ELECTRICAL CORD GRIP</u> <u>3/4NPSM STR CORD DIA .65 - .75</u> <u>METALLIC (YELLOW) UL LIQ TIGHT</u>	<u>1.00000</u>
<u>000002</u>	<u>S-006013</u>	<u>CONDUIT LOCKNUT 0.75 PLAIN</u>	<u>1.00000</u>
<u>000003</u>	<u>30132320</u>	<u>FITTING ADAPTER M32 MALE - 3/4NPT</u> <u>FEMALE</u>	<u>1.00000</u>
<u>000004</u>	<u>30132327</u>	<u>CONNECTOR HOUSING 16B 2 LEVER</u> <u>HOOD HIGH CONSTRUCTION 1X32M</u> <u>TOP ENTRY</u>	<u>1.00000</u>
<u>000005</u>	<u>30004252</u>	<u>CONNECTOR QD FEMALE INSERT 16P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000006</u>	<u>30132323</u>	<u>CONNECTOR COVER 16B 2-LEVER</u> <u>PROTECTION PLASTIC</u>	<u>1.00000</u>
<u>000007</u>	<u>30003718</u>	<u>CONNECTOR QD MALE INSERT 16P</u> <u>PLUS GND 600V 16A 14AWG</u> <u>TERMINALS</u>	<u>1.00000</u>
<u>000008</u>	<u>30004251</u>	<u>CONNECTOR HOUSING 16B 2-LEVER</u> <u>BULKHEAD MOUNT PLUS GND</u>	<u>1.00000</u>



INCHES			Lantech®		
THIRD ANGLE PROJECTION					
			TITLE KIT CONNECTOR NFB TOP FRAME CN-1B		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			REFERENCE NO. N/A		
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X± .030 X.XX± .015 X.XXX± .005	FLATNESS ± 1/16 PER FOOT	SIZE C	ENGINEER MWM	DRAWING NUMBER 30132164
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE	DATE 5/5/2009	SHEET 1 OF 1

Item Number: MCC015.000003
Part Number: 30220873
Part Description: KIT DISTRIBUTION BLOCK L-SERIES REAR FENCE DB-7

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30220862</u>	<u>CABLE DISTRIBUTION BLOCK 6</u> <u>PORTS M8 1IN/PORT IP65/67 M12X8P</u>	<u>1.00000</u>
<u>000002</u>	<u>31022028</u>	<u>CABLE ELECTRICAL 8 COND 24AWG</u> <u>FEMALE STRAIGHT M12 PVC 20M</u>	<u>1.00000</u>
<u>000003</u>	<u>30222798</u>	<u>MOUNT PLATE FOR DISTRIBUTION</u> <u>BLOCK 30220862</u>	<u>1.00000</u>
<u>000004</u>	<u>31024826</u>	<u>FASTENER BOLT SHCS DIN 912 - M4 X</u> <u>25 - 10.9 - FT - CZP</u>	<u>3.00000</u>
<u>000005</u>	<u>P-NH0400</u>	<u>FASTENER NUT HEX DIN 934 - M4 - 8 -</u> <u>CZP</u>	<u>3.00000</u>
<u>000006</u>	<u>P-WF0400</u>	<u>WASHER FLAT NORMAL DIN 125A - M4</u> <u>- CZP</u>	<u>3.00000</u>



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
			KIT DISTRIBUTION BLOCK L-SERIES REAR FENCE DB-7		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:			REFERENCE NO.	MATERIAL	
FRACTIONS	DECIMALS	FLATNESS	N/A		
± 1/32	X.X3 ± .030	± 1/16	SIZE	DRAFTER	ENGINEER
ANGLES	X.XX ± .015	PER FOOT	B	CDM	CDM
± 1°	X.XXX ± .005		DRAWING NUMBER		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTTECH, INC.			SCALE	DATE	
			1 / 20	7/14/2021	
			SHEET 1 OF 1		

Item Number: MCC016
Part Number: 30220868
Part Description: KIT DISTRIBUTION BLOCKS SL-SERIES FRONT/REAR RAILROAD GATE

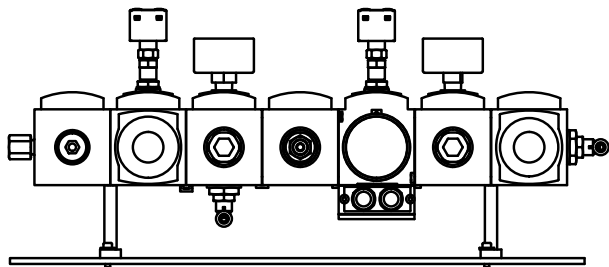
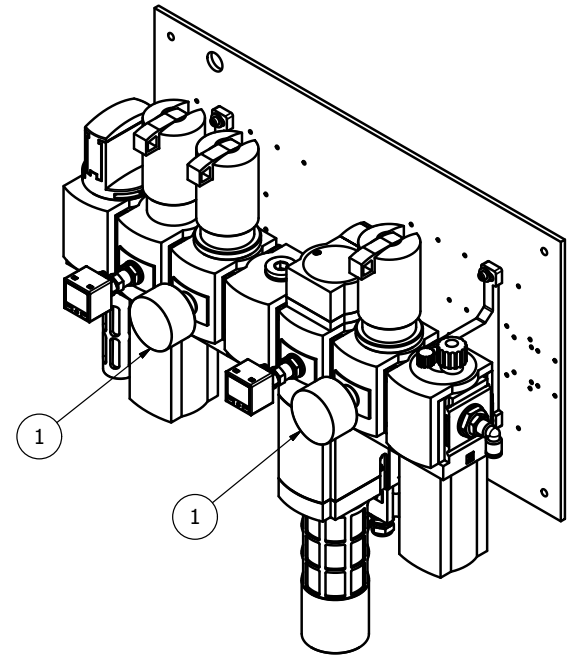
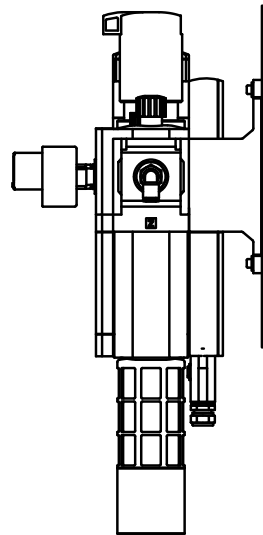
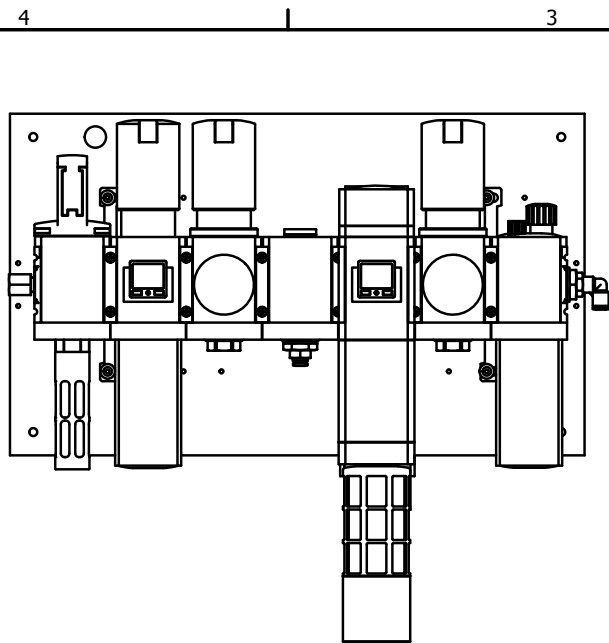
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31058967</u>	<u>CABLE DISTRIBUTION BLOCK 4</u> <u>PORTS M8 1IN/PORT IP65/67 M12X8P</u>	<u>2.00000</u>
<u>000002</u>	<u>31093358</u>	<u>CABLE ELECTRICAL 8 COND 24AWG</u> <u>FEMALE STRAIGHT M12 PVC 5M</u>	<u>1.00000</u>
<u>000003</u>	<u>30220869</u>	<u>CABLE ELECTRICAL 8 COND 24AWG</u> <u>FEMALE STRAIGHT M12 PVC 15M</u>	<u>1.00000</u>

Item Number: MCC019
Part Number: 31011610
Part Description: KIT CONDUIT MOUNTING FOR REAR OF MACHINE 80IN WH

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30124585</u>	<u>CHANNEL FORMED S-AUTO LEG WIRE MOUNT</u>	<u>2.00000</u>
<u>000002</u>	<u>30020592</u>	<u>FASTENER U-BOLT 1/2-13 X 8-3/4 ID X 10-7/8</u>	<u>2.00000</u>
<u>000003</u>	<u>30033162</u>	<u>FASTENER NUT FOLDOVER M6X1.0X5MM PANEL THICKNESS MAX</u>	<u>8.00000</u>
<u>000004</u>	<u>30052901</u>	<u>SUPPORT ANGLE CABLE/CONDUIT S-SERIES BASE</u>	<u>1.00000</u>

Item Number: MCC030
Part Number: 30211029
Part Description: KIT SL GAUGES / FESTO / PSI-RG / CAT 3 / NO LOAD LIFT

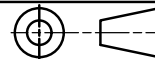
Item	Part#	Description	Qty
<u>000001</u>	<u>30144915</u>	<u>GAUGE PRESSURE (0-36 PSI)</u> <u>RED/GREEN RANGE MA-50-36-R1/4-</u> <u>PSI-E-RG</u>	<u>2.00000</u>



NOTE: AIR PREP COMPONENTS SHOWN FOR REFERENCE ONLY.

INCHES

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS ± 1/32	DECIMALS X.X±.030 X.XX±.015 X.XXX±.005	FLATNESS ± 1/16 PER FOOT
ANGLES ± 1°		

THIS SHEET OF DRAWINGS AND THE INFORMATION
CONTAINED HEREIN IS PROPRIETARY AND PROPERTY
OF LANTECH, INC.

Lantech®

TITLE
KIT SL GAUGES / FESTO / PSI-RG / CAT 3 / NO LOAD LIFT

REFERENCE NO. N/A		MATERIAL	
SIZE B	DRAFTER JJE	ENGINEER RJK	DRAWING NUMBER 30211029
SCALE 1=2		DATE 3/24/2017	SHEET 1 OF 1

ECN # 712546
ADDED NOTE FOR REFERENCE.

A

INT. JJE DATE: 20 APR 2017

Item Number: MSC001
Part Number: 30116742
Part Description: LABEL KIT INSTALLATION SLA (MACHINE LEVEL)

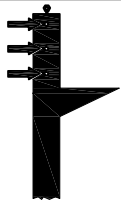
Item	Part#	Description	Qty
<u>000001</u>	<u>30024094</u>	<u>LABEL SAFETY INSTRUCTION</u> <u>'TIGHTEN TOP ATTACHMENT BOLTS'</u>	<u>2.00000</u>
<u>000002</u>	<u>30024087</u>	<u>LABEL DANGER 'BOLTS ATTACHING</u> <u>TOP FRAME MAY LOOSEN'</u>	<u>2.00000</u>
<u>000003</u>	<u>31006362</u>	<u>LABEL CAUTION 'WIRE IS HOT DO</u> <u>NOT TOUCH' VERTICAL</u>	<u>1.00000</u>
<u>000004</u>	<u>30022963</u>	<u>LABEL INSTRUCTION 'WRAP ARM</u> <u>ALIGNMENT'</u>	<u>2.00000</u>
<u>000007</u>	<u>30116745</u>	<u>LABEL LOGO 'LANTECH' 27IN WHITE</u> <u>LETTERING ON CLEAR BACKGROUND</u>	<u>2.00000</u>
<u>000008</u>	<u>31006261</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT ENTER HERE' (SIZE = 5.41 X</u> <u>9.26)</u>	<u>4.00000</u>
<u>000011</u>	<u>30116779</u>	<u>LABEL INSTRUCTION THREADING S-</u> <u>SERIES FDS RVS FLOW WITH PALLET</u> <u>GRIP (SIZE = 5.50 X 2.70)</u>	<u>1.00000</u>
<u>000012</u>	<u>30116778</u>	<u>LABEL INSTRUCTION THREADING S-</u> <u>SERIES FDS STD FLOW WITH PALLET</u> <u>GRIP (SIZE = 5.50 X 2.70)</u>	<u>1.00000</u>
<u>000013</u>	<u>30018538</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'KEEP AWAY FROM ROLLERS' (SIZE =</u> <u>6.63 X 3.64)</u>	<u>1.00000</u>
<u>000014</u>	<u>30116955</u>	<u>LABEL REGULATORY ANSI NOTICE</u> <u>'REMOVE BOLT ON FILM DELIVER</u> <u>SYSTEM BEFORE POWERING</u> <u>MACHINE' (SIZE = 2.00 X 1.75)</u>	<u>1.00000</u>
<u>000015</u>	<u>30022958</u>	<u>LABEL DANGER 'DO NOT STEP</u> <u>BETWEEN ROTATING ARM AND</u> <u>LOAD.'</u>	<u>2.00000</u>
<u>000017</u>	<u>30022956</u>	<u>LABEL WARNING 'DO NOT STEP</u> <u>BETWEEN ROTATING ARM AND</u> <u>UPRIGHT HORIZONTAL'</u>	<u>2.00000</u>
<u>000018</u>	<u>30032893</u>	<u>LABEL DANGER 'MACHINE CAN FALL</u> <u>OVER. USE ONLY LANTECH SUPPLIED</u> <u>ANCHORS. CONCRETE MUST MEET</u> <u>SPECIFIC REQUIREMENTS. . .'</u>	<u>2.00000</u>
<u>000020</u>	<u>30027591</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DUMP AIR BEFORE WORKING ON AIR</u> <u>DEVICES' (SIZE = 3.44 X 3.31)</u>	<u>1.00000</u>

<u>000022</u>	<u>30022940</u>	<u>LABEL REGULATORY ANSI DANGER</u> <u>'HIGH VOLTAGE DISCONNECT POWER</u> <u>BEFORE SERVICING' (SIZE = 3.44 X</u> <u>5.81)</u>	<u>1.00000</u>
<u>000023</u>	<u>30022970</u>	<u>LABEL ISO CAUTION 'LIGHTNING</u> <u>BOLT FOR ELECTRICAL HAZARD'</u> <u>(SIZE = 3.55 X 3.17 SHAPE =</u> <u>TRIANGLE)</u>	<u>1.00000</u>
<u>000024</u>	<u>30116758</u>	<u>LABEL LOGO 'LANTECH' 'MADE IN</u> <u>THE USA' (SIZE = 4.00 X 1.00)</u>	<u>1.00000</u>
<u>000025</u>	<u>30116761</u>	<u>LABEL REGULATORY USPTO</u> <u>'STRETCH PATENTS' 2011 (SIZE = 5.50</u> <u>X 2.70)</u>	<u>1.00000</u>
<u>000026</u>	<u>30049603</u>	<u>LABEL NOTICE 'GROUND YOURSELF</u> <u>PRIOR TO TOUCHING PC BOARDS'</u> <u>(OBSOLETE 30023002)</u>	<u>1.00000</u>
<u>000028</u>	<u>30022971</u>	<u>LABEL DANGER 'WIRES MAY BE LIVE</u> <u>-CHECK INTERFACE WIRING'</u>	<u>1.00000</u>
<u>000029</u>	<u>30049602</u>	<u>LABEL NOTICE 'CHECK MACHINE</u> <u>VOLTAGES BEFORE STARTING'</u> <u>(OBSOLETE 30022994)</u>	<u>1.00000</u>
<u>000030</u>	<u>30064021</u>	<u>LABEL SAFETY INSTRUCTIONS USE</u> <u>COPPER WIRE ONLY. USE 60 DEGREE</u> <u>C INSULATION. TORQUE TERMINAL</u> <u>SCREWS TO 6 IN-LBS. (REPLACES</u> <u>LABEL 30022984)</u>	<u>1.00000</u>
<u>000031</u>	<u>30022995</u>	<u>LABEL WARNING 'UNAUTHORIZED</u> <u>CHANGES MAY CREATE SAFETY</u> <u>HAZARDS AND VOID WARRANTY'</u>	<u>1.00000</u>
<u>000033</u>	<u>30027592</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'DO NOT OPERATE WITHOUT GUARD</u> <u>IN PLACE' (SIZE = 3.44 X 3.31)</u>	<u>1.00000</u>
<u>000034</u>	<u>30064022</u>	<u>LABEL NOTICE FOR PROGRAMMING</u> <u>USE ONLY. 3 AMPS MAXIMUM.</u> <u>(REPLACES LABEL 30055456)</u>	<u>1.00000</u>
<u>000037</u>	<u>31013426</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'POTENTIAL ARC FLASH HAZARD...'</u> <u>(SIZE = 4.13 X 2.13)</u>	<u>1.00000</u>
<u>000038</u>	<u>31026218</u>	<u>LABEL INFORMATION MACHINE</u> <u>SETUP TEMPLATE</u>	<u>1.00000</u>

<u>000039</u>	<u>31032015</u>	<u>LABEL HOFFMAN ENCLOSURE</u> <u>(WARNING: ENCLOSURE IS TOP-</u> <u>HEAVY)</u>	<u>1.00000</u>
<u>000040</u>	<u>30116740</u>	<u>LABEL INSTRUCTION 'HOT WIRE</u> <u>SETUP' [SIZE = 1.00 X 4.75]</u>	<u>1.00000</u>
<u>000041</u>	<u>30116599</u>	<u>LABEL REGULATORY ANSI WARNING</u> <u>'NO STEP. DO NOT STEP STAND OR</u> <u>SIT ON THIS SURFACE. IMPROPER</u> <u>USE MAY CAUSE INJURY AND/OR</u> <u>EQUIPMENT DAMAGE.'</u>	<u>1.00000</u>
<u>000042</u>	<u>30116738</u>	<u>LABEL LOGO 'LEANWRAP' 26IN WIDE</u> <u>(WHITE LETTERS)</u>	<u>2.00000</u>
<u>000043</u>	<u>30158430</u>	<u>LABEL LOGO 'LEANWRAP' 16IN WIDE</u> <u>(WHITE LETTERS ON CLEAR</u> <u>BACKGROUND)</u>	<u>1.00000</u>
<u>000044</u>	<u>30237605</u>	<u>LABEL MARKETING 'PALLET-GRIP,</u> <u>METERED FILM DELIVERY, LOAD</u> <u>GUARDIAN, LOAD SEEKING CLAMP'</u> <u>(SIZE = 12.00 X 6.00)</u>	<u>1.00000</u>

Lantech

SAFETY INSTRUCTIONS



Tighten top leg attachment bolts to 75 ft-lbs. Re-check torque 1 week after installation. Re-check torque every 6 months.

DANGER

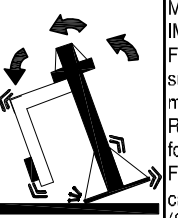
Risk of Serious Injury or Death



Bolts attaching top frame may loosen during operation. To avoid falling top frame, strictly follow torque requirements.

DANGER

Risk of Serious Injury or Death

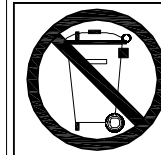


MACHINE CAN FALL OVER IF IMPROPERLY SECURED TO FLOOR. Use ONLY Lantech supplied anchors. Concrete must meet specific requirements. Refer to machine manual for installation instructions. For more information, call Lantech.com @ at (800) 866-0322 or (502) 267-4200.

Align wrap arm with top frame at this point.

30022963

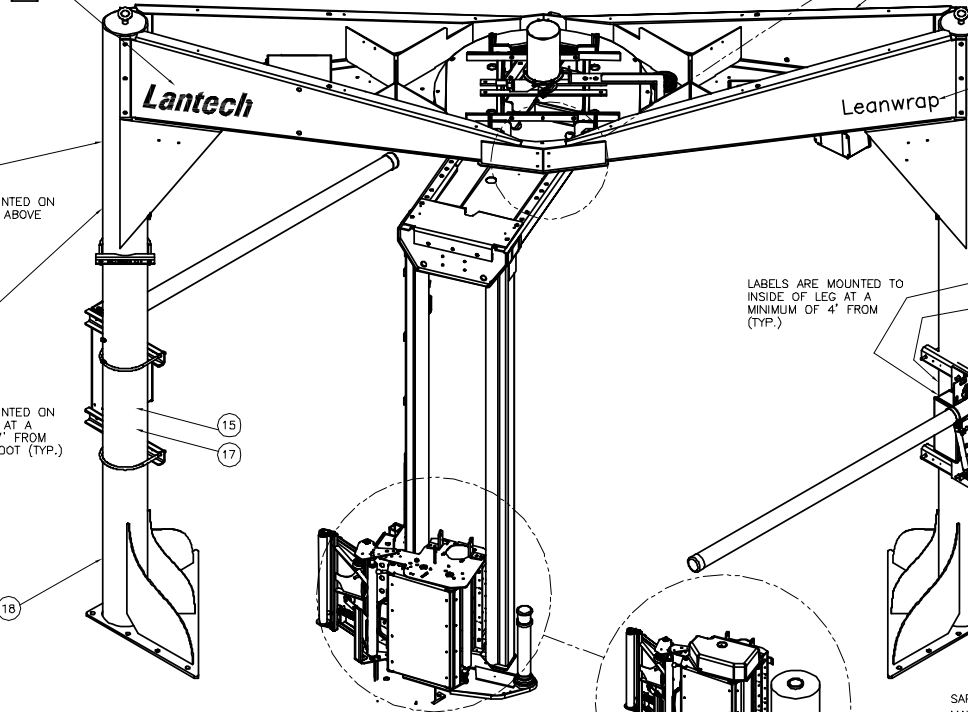
THIS LABEL SHALL BE INSTALLED ON THE INSIDE FACE OF THE FRAME ON BOTH SIDES AS SHOWN.



Machine Set-up Template
This item may be required for machine installation, relocation and/or servicing.
DO NOT DISCARD
Please refer to installation instructions for further details.

31026218
THIS LABEL SHALL BE INSTALLED ON AUTOMATION UNIT INSTALLATION TEMPLATE.

LABEL SHALL BE INSTALLED ON BOTH SIDES ON THE OUTSIDE FACE OF THE WRAP ARM AS SHOWN.



7 A

1 LABEL IS MOUNTED ON REAR OF LEG ABOVE ITEM 2 (TYP.)

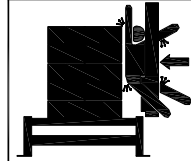
2 LABEL IS MOUNTED ON REAR OF LEG AT A MINIMUM OF 7" FROM BOTTOM OF FOOT (TYP.)

LABELS ARE MOUNTED TO INSIDE OF LEG AT A MINIMUM OF 4" FROM (TYP.)

SIDE VIEW

WARNING

Risk of Serious Injury

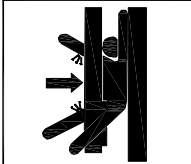


DO NOT step between rotating arm and load.

THIS LABEL SHALL BE INSTALLED ON EACH LEG.

WARNING

Risk of Serious Injury



DO NOT step between rotating arm and upright.

THIS LABEL SHALL BE INSTALLED ON EACH LEG.

SAFETY FENCING, WHICH IS NOT SHOWN FOR CLARITY, IS DETAILED ON SHEET 2. MAIN ELECTRICAL CONTROL ENCLOSURE IS DETAILED ON SHEET 4.

MACHINE LEVEL CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP. ADDITIONAL MODULE LEVEL INSTALLATION KITS MAY BE NECESSARY TO COMPLETE THE MACHINE. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS.

NS SERIES FILM DELIVERY SYSTEM IS DETAILED ON SHEET 3.

30032893 (18)

ECN# 30158430 (ITEM #43)
719216 ADD 30237609 (ITEM #44)
D INT: DUE DATE: 11/28/2019

ECN# ITEM #12, 30116778, WAS 30116506
034899 ITEM #11, 30116779, WAS 30116507
C INT: MRM DATE: 3 MAY 2012

ECN# ITEM #24, 30116758, WAS 31038175
033250 ITEM #25, 30116761, WAS 30500087
B INT: MRM DATE: 4 JAN 2012

ECN# REPLACED ITEM #7, 30046397, WITH
033817 30116745
A INT: MRM DATE: 30 NOV 2011

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1/32^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS ± 0.001 $\pm 1/32^\circ$ ± 0.015 ± 0.005 ± 0.001

ECN# REPLACE 31032304 (ITEM #34) WITH 720284 30064022	ECN# REPLACE LABEL 30049604 (ITEM #14) 718832 WITH LABEL 30116935	ECN# REMOVE LUBE LABEL (ITEM #36) AND 719436 DISPLAY AS REFERENCE ONLY
INT: DUE DATE: 8/10/2020	INT: DUE DATE: 3/17/2020	INT: DUE DATE: 1/14/2020
THAT LABEL KIT INSTALLATION SLA (MACHINE LEVEL)		
CHPTER MRM	ENGINEER MRM	DATE 12 SEP 2011
SCALE NTS	REP# 30132161	SHEET 1 OF 5
SIZE D		30116742

Lantech.com
Space Wipers Pouches Conveyor Systems

WARNING

Risk of Serious Injury



DO NOT ENTER HERE.

Machine starts automatically.
Enter through access gate only.

31006261

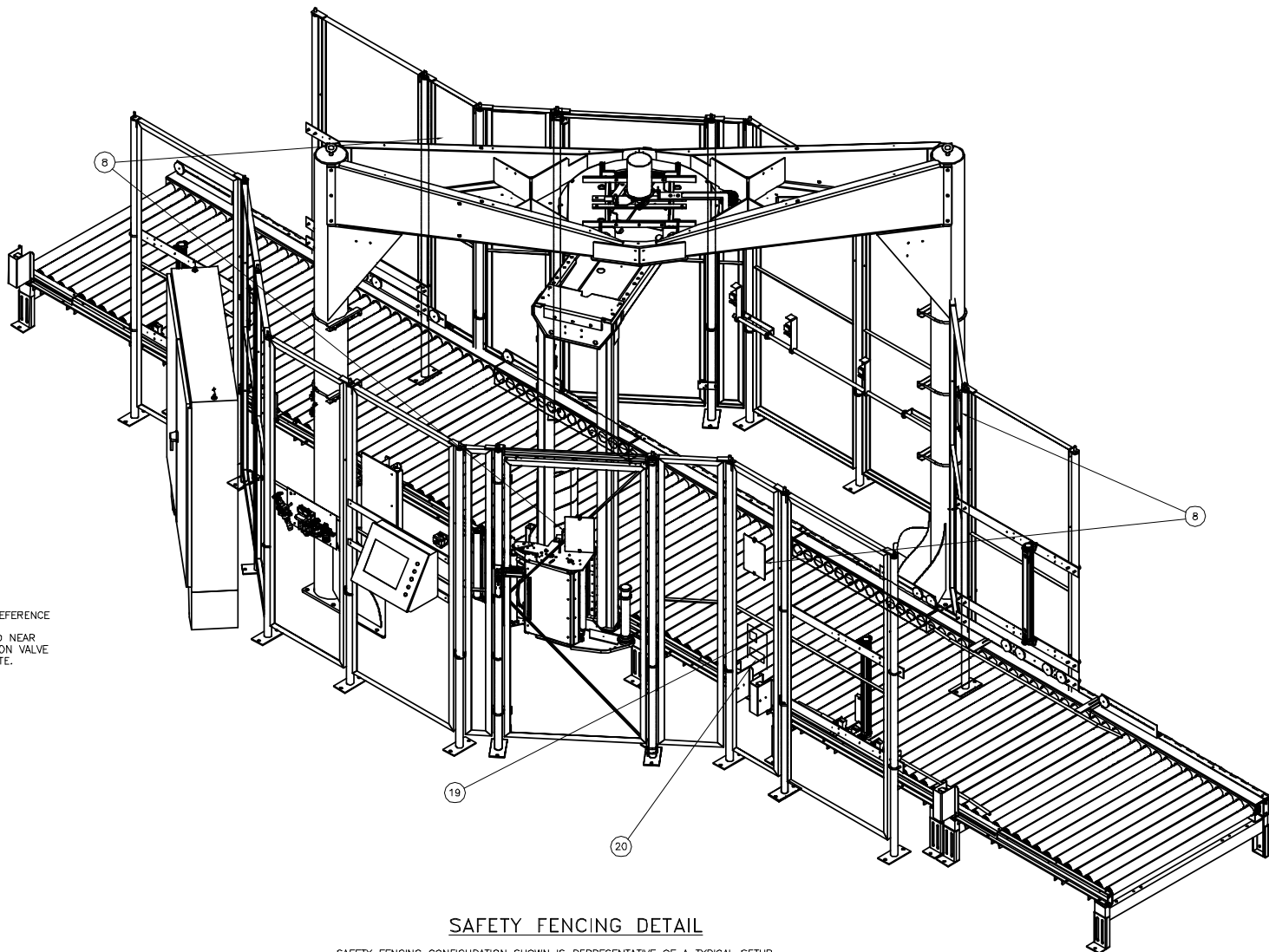
NOTICE

BEARING LUBRICATION MAINTENANCE

Apply approximately 1/2 oz of lubricant every 3 months.
Lubrication may vary depending on application.
Typical application: 1/2 oz (14.3 ml) of lubricant every 3 months.
Extreme application: 1/2 oz (14.3 ml) of lubricant every 1 month.
Food grade application: 1/2 oz (14.3 ml) of lubricant every 3 months.
Lubrication **IS NOT** recommended.
Refer to Owner Manual for further details.
Do not use any other lubricant, and **NEVER** use oil.
Do not use any other lubricant, and **NEVER** use oil.
Do not use any other lubricant, and **NEVER** use oil.
Do not use any other lubricant, and **NEVER** use oil.

FRA042

NOTE:
SHOWN FOR REFERENCE
ONLY
LABEL LOCATED NEAR
ZERK FITTING ON VALVE
MOUNTING PLATE.



SAFETY FENCING DETAIL

SAFETY FENCING CONFIGURATION SHOWN IS REPRESENTATIVE OF A TYPICAL SETUP.
ADDITIONAL MODULE LEVEL LABEL INSTALLATION KITS MAY BE NECESSARY TO
COMPLETE THE SAFETY FENCING. REFER TO THE TOP LEVEL BILL OF MATERIALS FOR
CONFIGURATION DRAWINGS AS WELL AS ADDITIONAL MODULE LEVEL LABEL
INSTALLATION KITS.

ECN# 720284	REPLACE 31032304 (ITEM #34) WITH 30064022	ECN# 718832	REPLACE LABEL 30048604 (ITEM #14) WITH LABEL 30116935	ECN# 719434	REMOVE LUBE LABEL (ITEM #36) AND DISPLAY AS REFERENCE ONLY
G	INT: D/J [DATE: 8/10/2020]	F	INT: D/J [DATE: 3/17/2020]	E	INT: D/J [DATE: 1/14/2020]

THIS LABEL KIT INSTALLATION SLA (MACHINE LEVEL)	DATE	SCALE	REP #	SHEET	OF	SIZ	DWG
MRM	MRM	12 SEP 2011	NTS	30132161	2	5	D 30116742

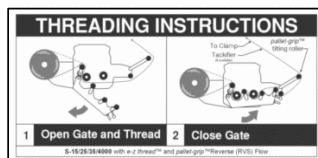
ECN# 719216	ADD 30158430 (ITEM #43) 30237609 (ITEM #44)	ECN# 034895	ITEM #12, 30116778, WAS 30116506 ITEM #11, 30116779, WAS 30116507	ECN# 033260	ITEM #24, 30116758, WAS 31038175 ITEM #25, 30116761, WAS 30500087	ECN# 033817	REPLACED ITEM #7, 30046397, WITH 30116745
D	INT: MRM [DATE: 11/26/2019]	C	INT: MRM [DATE: 3 MAY 2012]	B	INT: MRM [DATE: 4 JAN 2012]	A	INT: MRM [DATE: 30 NOV 2011]

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

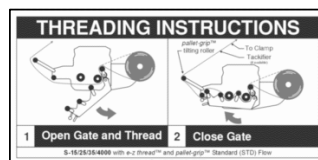
UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES ±1° TOTAL RUNOUT
FLATNESS ±1/16" PER FT.

FRACTIONS
± 1/32"
± .015"
± .005"
± .001"

DECIMALS
± .030"
± .015"
± .005"
± .001"



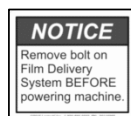
FOR REVERSE FLOW MACHINE



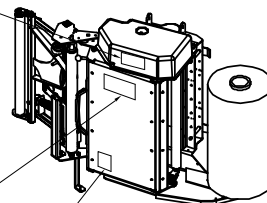
FOR STANDARD FLOW MACHINE
ONE OF THESE LABELS SHALL BE INSTALLED AS
SHOWN DEPENDING ON MACHINE FLOW.



13 30018538



14



NS SERIES FILM
DELIVERY SYSTEM
DETAIL



33 30027592

INSTALL LABEL IN A CONSPICUOUS
PLACE ON FDS (FILM DELIVERY
SYSTEM) UNDER THE FDS GEAR COVER.

ECN# 720284	REPLACE 31032304 (ITEM #34) WITH 30064022	ECN# 718832	REPLACE LABEL 30049604 (ITEM #14) WITH LABEL 30116935	ECN# 719434	REMOVE LUBE LABEL (ITEM #36) AND DISPLAY AS REFERENCE ONLY
G	INT: DJF [DATE: 8/10/2020]	F	INT: DJF [DATE: 3/17/2020]	E	INT: DJF [DATE: 1/14/2020]

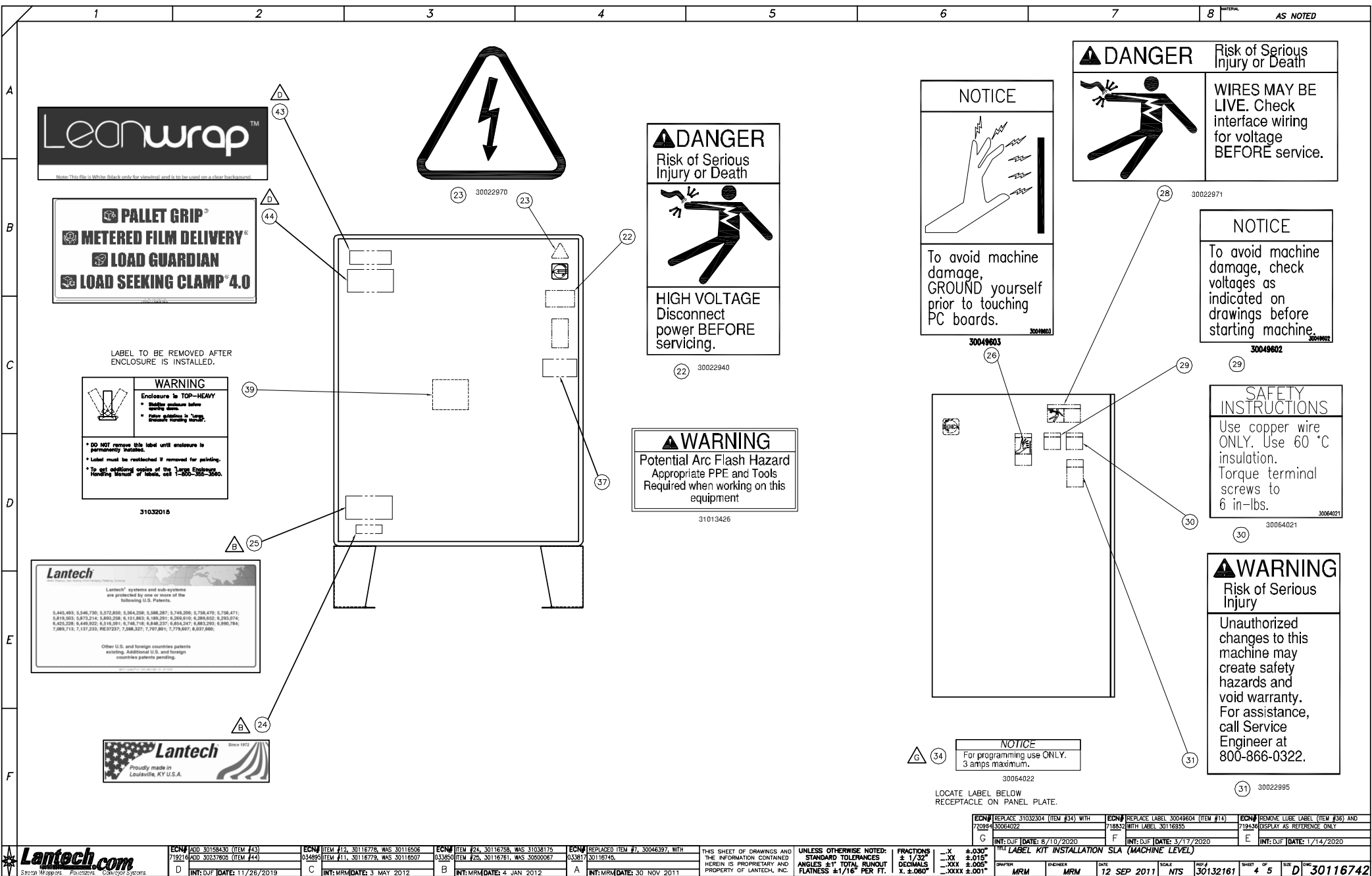
THIS LABEL KIT INSTALLATION SLA (MACHINE LEVEL)	DRAWN BY	ENGINEER	DATE	SCALE	REP #	SHEET	OF	SIZ	DWG
	MRM	MRM	12 SEP 2011	NTS	30132161	3	5	D	30116742

ECN# 719216	ADD 30158430 (ITEM #43) 30237609 (ITEM #44)	ECN# 034899	ITEM #12, 30116778, WAS 30116506 30116779, WAS 30116507	ECN# 033260	ITEM #24, 30116758, WAS 31038175 30116761, WAS 30500087	ECN# 033817	REPLACED ITEM #7, 30046397, WITH 30116745
D	INT: DJF [DATE: 11/26/2019]	C	INT: MRM [DATE: 3 MAY 2012]	B	INT: MRM [DATE: 4 JAN 2012]	A	INT: MRM [DATE: 30 NOV 2011]

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.

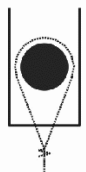
UNLESS OTHERWISE NOTED:
STANDARD TOLERANCES
ANGLES $\pm 1^\circ$ TOTAL RUNOUT
FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS
 $\pm 1/32"$
DECIMALS
-XX $\pm 0.001"$
-XXX $\pm 0.015"$
-XXXX $\pm 0.005"$
-XXXXX $\pm 0.001"$



1 2 3 4 5 6 7 8 MATERIAL AS NOTED

Hot Wire Setup



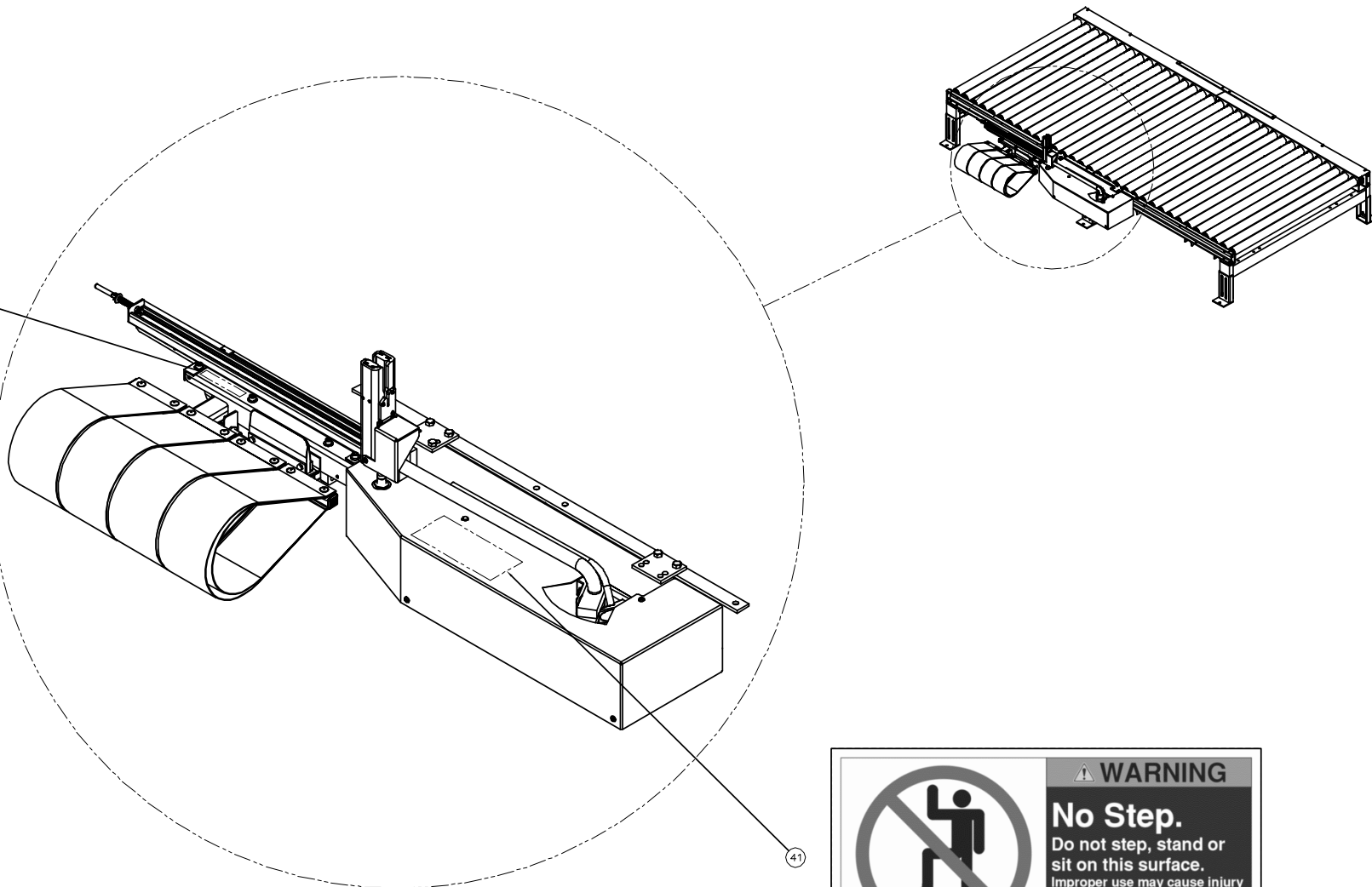
20 Ga Nichrome Wire
(.032 x .66
OHMS/Ft)

Lantech Part
Number
S-007616



Hot Wire should not contact film.
Wire should be adjusted 1/32" from outside edge of frame for optimal performance.

30116740



ECN# 720284	REPLACE 31032304 (ITEM #34) WITH 30064022	ECN# 718832	REPLACE LABEL 30049604 (ITEM #14) WITH LABEL 30116935	ECN# 719434	REMOVE LUBE LABEL (ITEM #36) AND DISPLAY AS REFERENCE ONLY
G	INT: DJF [DATE: 8/10/2020]	F	INT: DJF [DATE: 3/17/2020]	E	INT: DJF [DATE: 1/14/2020]
THIS LABEL KIT INSTALLATION SLA (MACHINE LEVEL)					
CHPTER	MRM	ENGINEER	MRM	DATE	12 SEP 2011
SCALE	NTS	REP #	30132161	SHEET	5
OF	5	SIZE	D	30116742	

ECN# 719216	ADD 30158430 (ITEM #43)	ECN# 034899	ITEM #12, 30116778, WAS 30116506	ECN# 033260	ITEM #24, 30116758, WAS 31038175	ECN# 030847	REPLACED ITEM #7, 30046397, WITH 30116745
D	ADD 30237609 (ITEM #44)	C	ITEM #11, 30116779, WAS 30116507	B	ITEM #26, 30116761, WAS 30500087	AM	REPLACED ITEM #7, 30046397, WITH 30116745
INT: DJF [DATE: 11/26/2019]		INT: MRM [DATE: 3 MAY 2012]		INT: MRM [DATE: 4 JAN 2012]		INT: BEN [DATE: REPLACED ITEM #7, 30046397, WITH 30116745]	

THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

FRACTIONS $\pm 1/32"$ DECIMALS $\pm .005"$ $\pm .001"$

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

FRACIONS $\pm 1/32"$ DECIMALS $\pm .005"$ $\pm .001"$

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

UNLESS OTHERWISE NOTED: STANDARD TOLERANCES ANGLES $\pm 1^\circ$ TOTAL RUNOUT FLATNESS $\pm 1/16"$ PER FT.

Lantech.com

Item Number: MSC002
 Part Number: 30160610
 Part Description: SHIPPING KIT S-2500/S-3500/S-4000 5/8 EPOXY ANCHORS GEOMET TOP FRAME BOLTS

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30120360</u>	<u>FASTENER ANCHOR BOLT L 5/8-11 X 7-5/8 304 SS (WITH NUT AND WASHER)</u>	<u>14.00000</u>
<u>000002</u>	<u>30000670</u>	<u>FASTENER ADHESIVE CARTRIDGE FOR ANCHOR ROD 5/8-11 X 5 HVU2</u>	<u>14.00000</u>
<u>000003</u>	<u>30160663</u>	<u>KIT GEOMET FASTENERS AND CLAMPS S TWO LEG</u>	<u>1.00000</u>
<u>000004</u>	<u>30005658</u>	<u>PLATE FORMED SHIPPING STAND</u>	<u>2.00000</u>
<u>000005</u>	<u>30072278</u>	<u>MOUNT FAB MACHINE SHIPPING</u>	<u>4.00000</u>
<u>000006</u>	<u>31002248</u>	<u>MOUNT SHIPPING PLATE FDS</u>	<u>1.00000</u>
<u>000008</u>	<u>30188366</u>	<u>GROUT 2 PART EPOXY (16LBS CONTAINS 2 CANS [1 PART A AND 1 PART B]) WITHOUT SAND ADDITIVE MSDS SHEET INCLUDED DOT REGULATED CLASS 8 UN1760 PG III (50 - 110 DEG F APPLICATION TEMPERATURE)</u>	<u>1.00000</u>
<u>000009</u>	<u>31000941</u>	<u>KIT INSTALLATION SHIMS S-SERIES 25/35/40 - 5/8IN ANCHORS</u>	<u>1.00000</u>
<u>000010</u>	<u>40400096</u>	<u>ANGLE MOUNT Q SERIES</u>	<u>8.00000</u>
<u>000011</u>	<u>30165775</u>	<u>SEALANT PLUMBERS PUTTY 5LB CONTAINER</u>	<u>2.00000</u>
<u>000012</u>	<u>30173798</u>	<u>TOOL POLYETHYLENE FUNNEL 32OZ CAP. 6-1/2 TOP OD X 5/8 SPOUT OD X 7 TALL</u>	<u>1.00000</u>
<u>000013</u>	<u>30173799</u>	<u>TOOL 2-1/2 GALLON GALVANIZED STEEL PAIL</u>	<u>1.00000</u>
<u>000020</u>	<u>30161180</u>	<u>FASTENER KIT 5/8 304 STAINLESS STEEL NUT AND WASHER</u>	<u>14.00000</u>
<u>000045</u>	<u>30118952</u>	<u>BRACE SHIPPING FILM DELIVERY SUPPORT</u>	<u>1.00000</u>
<u>000055</u>	<u>30139991</u>	<u>KIT INSTALLATION SHIMS S-SERIES TOP FRAME TO LEG GUSSETS</u>	<u>2.00000</u>

Item Number: MSC002.000003
Part Number: 30160663
Part Description: KIT GEOMET FASTENERS AND CLAMPS S TWO LEG

Item	Part#	Description	Qty
<u>000001</u>	<u>30160664</u>	<u>FASTENER KIT S-25/3500 FLOOR</u> <u>MOUNT TWO LEG W/GEOMET TOP</u> <u>FRAME BOLTS</u>	<u>1.00000</u>
<u>000002</u>	<u>30160602</u>	<u>PLATE CLAMP S TOP FRAME TO LEG</u> <u>5 HOLE</u>	<u>4.00000</u>
<u>000003</u>	<u>30160603</u>	<u>WASHER M12 THICK HARDENED</u>	<u>20.00000</u>

Item Number: MSC002.000020
Part Number: 30161180
Part Description: FASTENER KIT 5/8 304 STAINLESS STEEL NUT AND WASHER

Item	Part#	Description	Qty
<u>000001</u>	<u>30161200</u>	<u>FASTENER NUT HEX 5/8 316</u> <u>STAINLESS STEEL FOR HILT!</u> <u>ANCHOR RODS</u>	<u>1.00000</u>
<u>000002</u>	<u>30134532</u>	<u>WASHER FLAT FOR 5/8 316 STAINLES</u> <u>STEEL</u>	<u>1.00000</u>

Item Number: MSC002.000055
Part Number: 30139991
Part Description: KIT INSTALLATION SHIMS S-SERIES TOP FRAME TO LEG GUSSETS

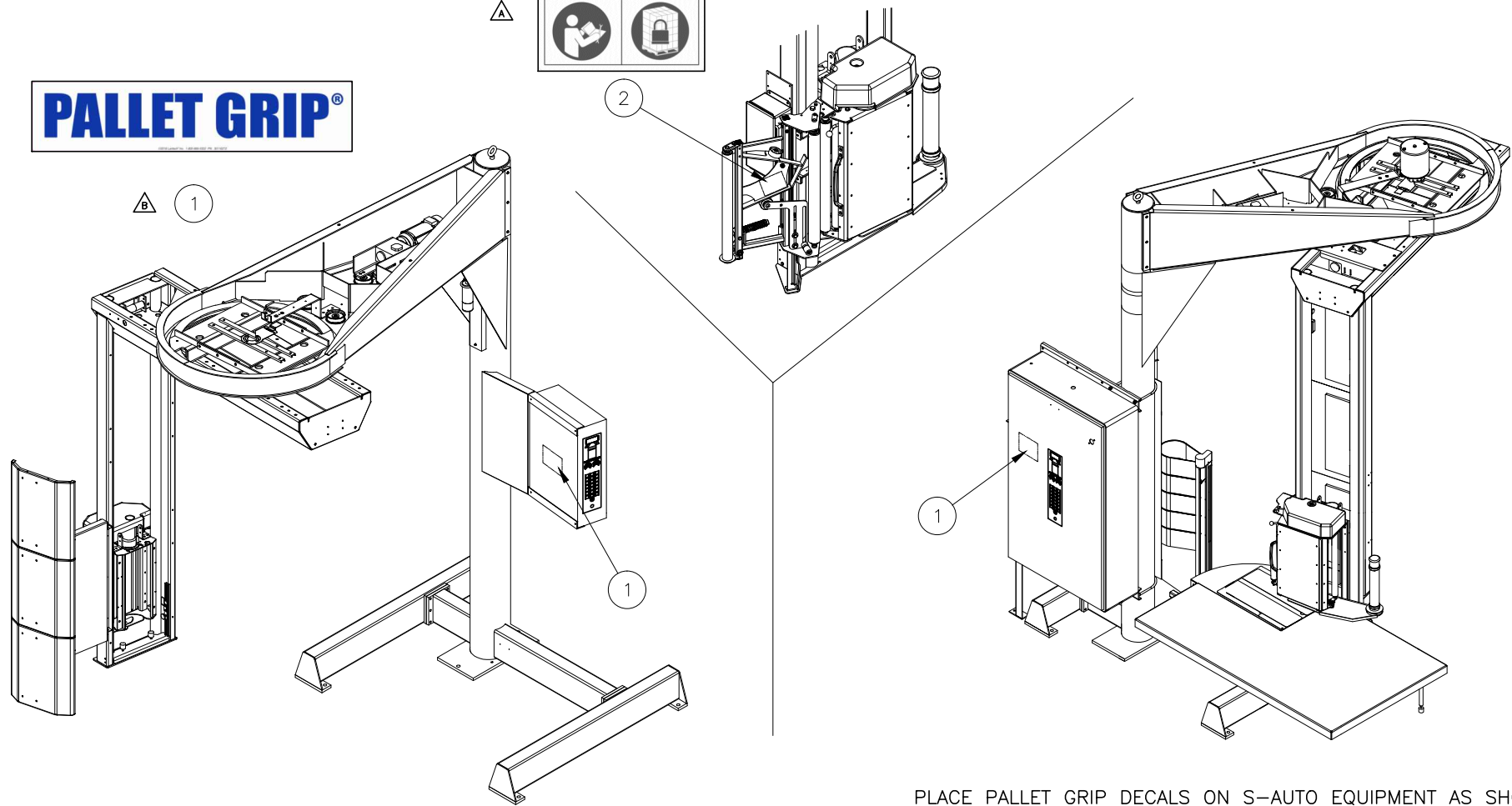
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31041556</u>	<u>SHIM STAINLESS .010 THK 2-1/2 X 2-1/2 W/11/16 SLOT HORSESHOE STYLE</u>	<u>30.00000</u>
<u>000003</u>	<u>31000908</u>	<u>SHIM STAINLESS .050 THK 2-1/2 X 2-1/2 W/11/16 SLOT HORSESHOE STYLE</u>	<u>12.00000</u>
<u>000004</u>	<u>30139992</u>	<u>ILLUSTRATION INSTALLATION SHIMS S-SERIES TOP FRAME TO LEG GUSSETS</u>	<u>1.00000</u>

Item Number: MSC006
Part Number: 30125351
Part Description: LABEL KIT INSTALLATION PALLET GRIP STD FLOW S-SERIES

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30116272</u>	<u>LABEL MARKETING 'PALLET-GRIP'</u> <u>(SIZE = 6.25 X 1.36)</u>	<u>1.00000</u>
<u>000002</u>	<u>30116648</u>	<u>LABEL NOTICE 'READ INSTRUCTION</u> <u>MANUAL FOR PALLET GRIP SET-UP'</u> <u>(SIZE = 3.25 X 2.50)</u>	<u>1.00000</u>

A
B
C
D
E
F

PALLET GRIP®



PLACE PALLET GRIP DECALS ON S-SEMI EQUIPMENT AS SHOWN

PLACE PALLET GRIP DECALS ON S-AUTO EQUIPMENT AS SHOWN
(SAME LOCATIONS APPLY FOR 2-LEG MACHINES)

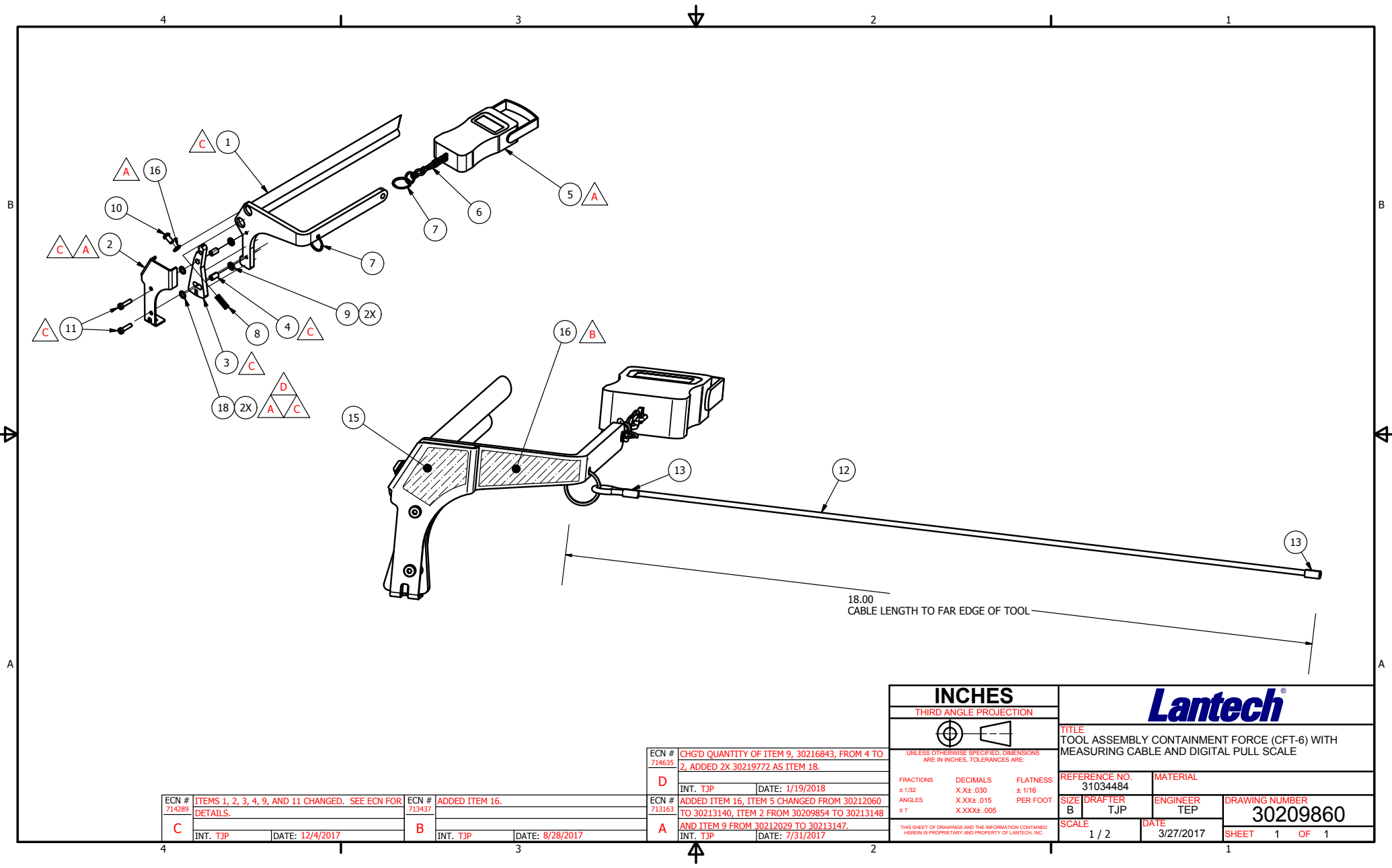
Item Number: MSC055
Part Number: 30212750
Part Description: KIT CFT-6 MACHINE MOUNTED

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31013741</u>	<u>CARRIER LOAD CONTAINMENT TOOL</u>	<u>1.00000</u>
<u>000002</u>	<u>30209860</u>	<u>TOOL ASSEMBLY CONTAINMENT FORCE (CFT-6) WITH MEASURING CABLE AND DIGITAL PULL SCALE</u>	<u>1.00000</u>
<u>000004</u>	<u>31002455</u>	<u>SCALE DYMO 5LB. ELECTRONIC WEIGHT ONLY</u>	<u>1.00000</u>

Item Number: MSC055.000002
Part Number: 30209860
Part Description: TOOL ASSEMBLY CONTAINMENT FORCE (CFT-6) WITH MEASURING CABLE AND DIGITAL PULL SCALE

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30216840</u>	<u>TOOL FILM STRETCH MEASUREMENT</u> <u>CFT-6 - THREADED VERSION 2</u>	<u>1.00000</u>
<u>000002</u>	<u>30216842</u>	<u>PLATE FORMED CFT-6 READ OUT -</u> <u>DESIGNED FOR METRIC HARDWARE -</u> <u>SPACER VERSION</u>	<u>1.00000</u>
<u>000003</u>	<u>30216846</u>	<u>PLATE CFT-6 POSITION INDICATOR -</u> <u>FINISHED PART WITH HANGING HOLE</u>	<u>1.00000</u>
<u>000004</u>	<u>30216841</u>	<u>SPACER 6MM OD X 10MM LG X 4.2 MM</u> <u>ID 18-8 STAINLESS</u>	<u>2.00000</u>
<u>000005</u>	<u>30213140</u>	<u>SCALE DIGITAL LCD 110 LBS MAX</u> <u>WITH HOLD FEATURE</u>	<u>1.00000</u>
<u>000006</u>	<u>30212057</u>	<u>SNAP LATCH SPRING TYPE WITH</u> <u>SWIVEL EYE</u>	<u>1.00000</u>
<u>000007</u>	<u>30212055</u>	<u>RING SPLIT 7/8 OD X 3/4 ID X 1/8 THICK</u> <u>HALF ROUND ZINC PLATED (50 IN A</u> <u>PACK)</u>	<u>2.00000</u>
<u>000008</u>	<u>30212056</u>	<u>SPRING COMPRESSION STAINLESS</u> <u>STEEL 3.50 LBS/IN .022 WIRE</u> <u>DIAMETER .75 LONG X .30 OD (SOLD</u> <u>PACKS OF 6)</u>	<u>1.00000</u>
<u>000009</u>	<u>30216843</u>	<u>SHIM ROUND 1/4 ID X 3/8 OD X 0.06</u> <u>THICK PTFE WHITE</u>	<u>4.00000</u>
<u>000010</u>	<u>30188336</u>	<u>FASTENER SCREW MACHINE M5X0.8</u> <u>X 10MM BUTTON HEAD CLASS 10.9</u> <u>ZINC PLATED</u>	<u>1.00000</u>
<u>000011</u>	<u>30216847</u>	<u>FASTENER SCREW MACHINE M4X0.7</u> <u>X 16MM SOCKET HEAD CLASS 8.8</u> <u>ZINC PLATED LOW PROFILE</u>	<u>2.00000</u>
<u>000012</u>	<u>30209861</u>	<u>CABLE AIRCRAFT 1/8 INCH</u> <u>DIAMETER COATED FINISH LENGTH</u> <u>18 INCHES</u>	<u>1.00000</u>
<u>000013</u>	<u>31015152</u>	<u>ROPE SLEEVE COPPER OVAL</u> <u>COMPRESSION 3/8 LG FOR 1/16 ROPE</u> <u>DIAMETER (PKG QTY - 50)</u>	<u>2.00000</u>
<u>000014</u>	<u>31029729</u>	<u>TOOL BATTERY 3V LITHIUM 20MM</u> <u>COIN</u>	<u>2.00000</u>
<u>000015</u>	<u>30116205</u>	<u>LABEL INFORMATION CONTAINMENT</u> <u>TOOL BRANDING CFT-6</u>	<u>1.00000</u>
<u>000016</u>	<u>30116241</u>	<u>LABEL ISO - CTF-6 STRIPES (SIZE =</u> <u>2.37 X 0.86 SHAPE = IRREGULAR)</u>	<u>1.00000</u>

<u>000017</u>	<u>30145156</u>	<u>WASHER FLAT NORMAL DIN 125A - M5</u> <u>- CZP</u>	<u>1.00000</u>
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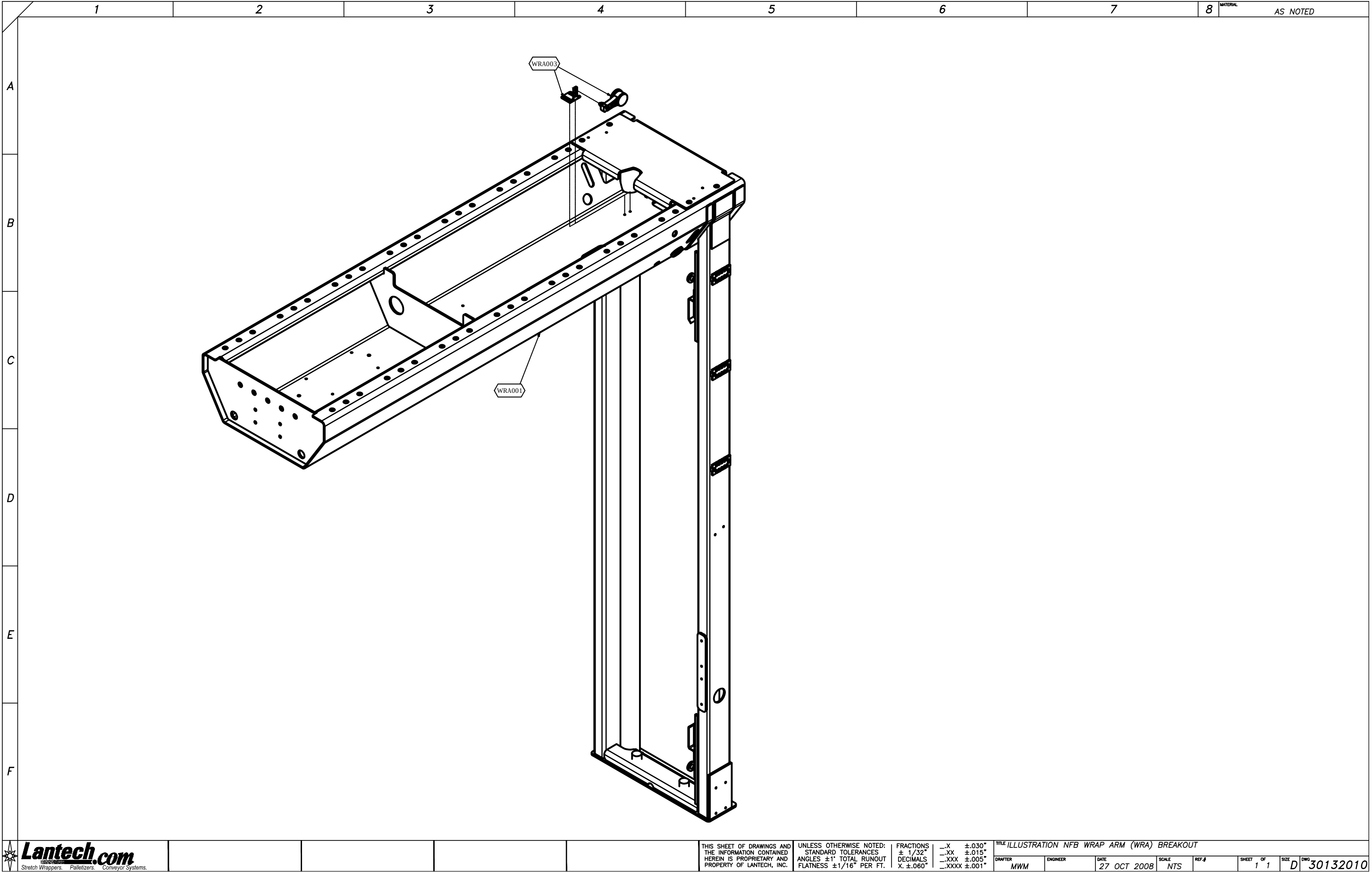


ECN # 714289
C
ITEMS 1, 2, 3, 4, 9, AND 11 CHANGED. SEE ECN FOR DETAILS.
INT. TJP
DATE: 12/4/2017

ECN # 713437
B
ADDED ITEM 16.
INT. TJP
DATE: 8/28/2017

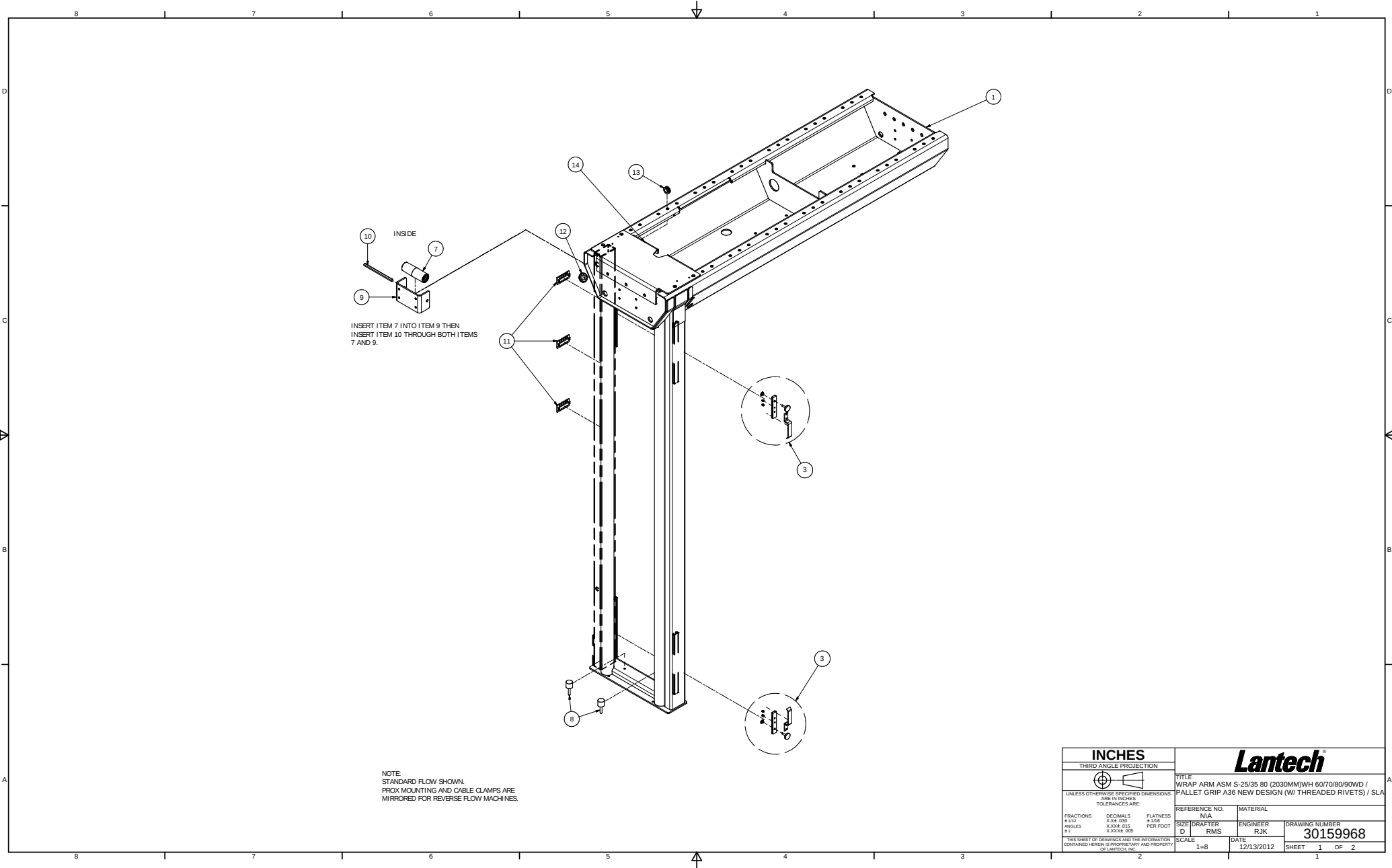
ECN # 714635
D
CHG'D QUANTITY OF ITEM 9, 30216843, FROM 4 TO 2, ADDED 2X 30219772 AS ITEM 18.
INT. TJP
DATE: 1/19/2018
ECN # 713163
A
ADDED ITEM 16, ITEM 5 CHANGED FROM 30212060 TO 30213140, ITEM 2 FROM 30209854 TO 30213148 AND ITEM 9 FROM 30212029 TO 30213147.
INT. TJP
DATE: 7/31/2017

INCHES			Lantech®		
THIRD ANGLE PROJECTION					
			TITLE TOOL ASSEMBLY CONTAINMENT FORCE (CFT-6) WITH MEASURING CABLE AND DIGITAL PULL SCALE		
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:			REFERENCE NO. 31034484		
FRACTIONS ± 1/32	DECIMALS X.XX± .030	FLATNESS ± 1/16	SIZE B	MATERIAL DRAFTER TJP	ENGINEER TEP
ANGLES ± 1°	X.XX± .015	PER FOOT X.XXX± .005	DRAWING NUMBER 30209860		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1 / 2	DATE 3/27/2017	SHEET 1 OF 1



Item Number: WRA001
 Part Number: 30159968
 Part Description: WRAP ARM ASM S-25/35 80 (2030MM)WH 60/70/80/90WD / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS) / SLA

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30162100</u>	<u>WRAP ARM SUB ASM S-25/3500 80WH</u> <u>60/70/80/90WD W/ METAL J-BOX</u> <u>MODIFICATIONS / PALLET GRIP A36</u> <u>NEW DESIGN (W/ THREADED RIVETS)</u>	<u>1.00000</u>
<u>000003</u>	<u>30108850</u>	<u>TARGET PROX ASM ADJUSTABLE S</u> <u>WRAP ARM</u>	<u>2.00000</u>
<u>000007</u>	<u>30016454</u>	<u>ROLLER IDLER ASM 1.91 IN OD X 5.69</u> <u>IN LG CROWNED</u>	<u>1.00000</u>
<u>000008</u>	<u>30009805</u>	<u>BUMPER UNIVERSAL STOP</u> <u>URETHANE W/ 3/8-16 X 1-7/8 LG STUD</u>	<u>2.00000</u>
<u>000009</u>	<u>31004978</u>	<u>CHANNEL FORMED IDLER ROLLER</u> <u>PIVOT</u>	<u>1.00000</u>
<u>000010</u>	<u>30002933</u>	<u>SHAFT FDS LIFT ASM 7-1/2 WITH</u> <u>COTTER PIN HOLES</u>	<u>1.00000</u>
<u>000011</u>	<u>30058382</u>	<u>CABLE TIE BLACK PLASTIC 6 CABLES</u> <u>MAX STRAIN RELIEF</u>	<u>3.00000</u>
<u>000012</u>	<u>30087800</u>	<u>GROMMET RUBBER 1 ID X 1-3/4 OD X</u> <u>1/2 THK FOR 1-3/8IN HOLE WITH 1/8</u> <u>THK MATERIAL</u>	<u>1.00000</u>
<u>000013</u>	<u>S-007864</u>	<u>GROMMET RUBBER 3/4ID X 1 3/8 OD X</u> <u>1/2 THICK</u>	<u>1.00000</u>
<u>000014</u>	<u>30123928</u>	<u>MOUNT FAB FDS LIFT / WRAP ARM</u> <u>SUPPORT FOR NEW A36 WRAP ARM</u>	<u>1.00000</u>
<u>000015</u>	<u>30141000</u>	<u>WASHER 17/32 ID X 1-1/16 OD X .19</u> <u>THICK / ZINC-PLATED FINISH / HIGH</u> <u>STRENGTH STEEL ROCKWELL</u> <u>HARDNESS C43</u>	<u>8.00000</u>
<u>000016</u>	<u>30141002</u>	<u>FASTENER BOLT M12X1.75 X 50MM</u> <u>HHCS CLASS 10.9 FULLY THREADED /</u> <u>CLEAR ZINC-PLATED FINISH</u>	<u>8.00000</u>
<u>000017</u>	<u>31008702</u>	<u>KIT S-15/25/3500 SOLID BODY CABLE</u> <u>TRACK 80(2030MM)WH/NFB</u>	<u>1.00000</u>

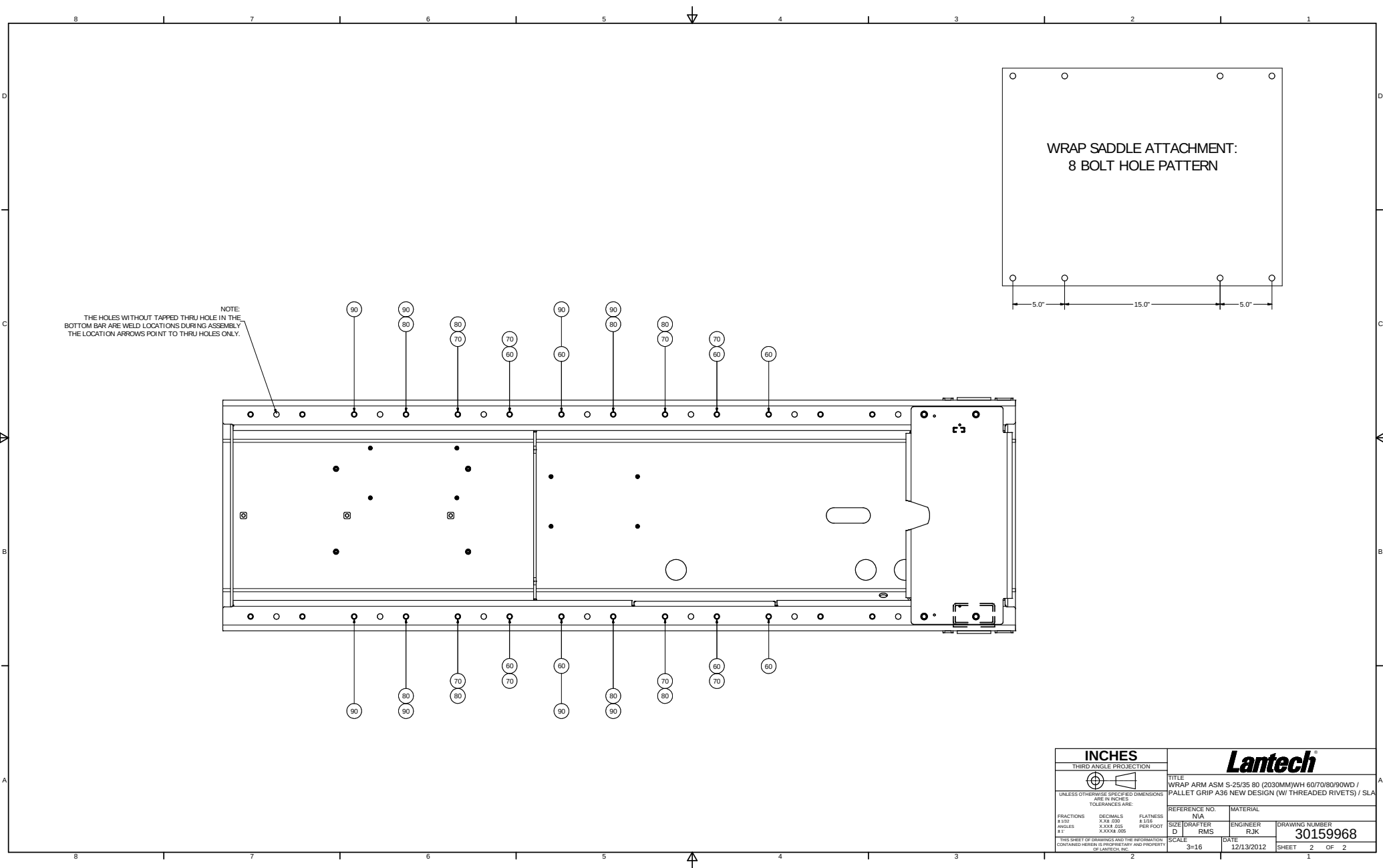


INSIDE

INSERT ITEM 7 INTO ITEM 9 THEN
INSERT ITEM 10 THROUGH BOTH ITEMS
7 AND 9.

NOTE:
STANDARD FLOW SHOWN.
PROX MOUNTING AND CABLE CLAMPS ARE
MIRRORRED FOR REVERSE FLOW MACHINES.

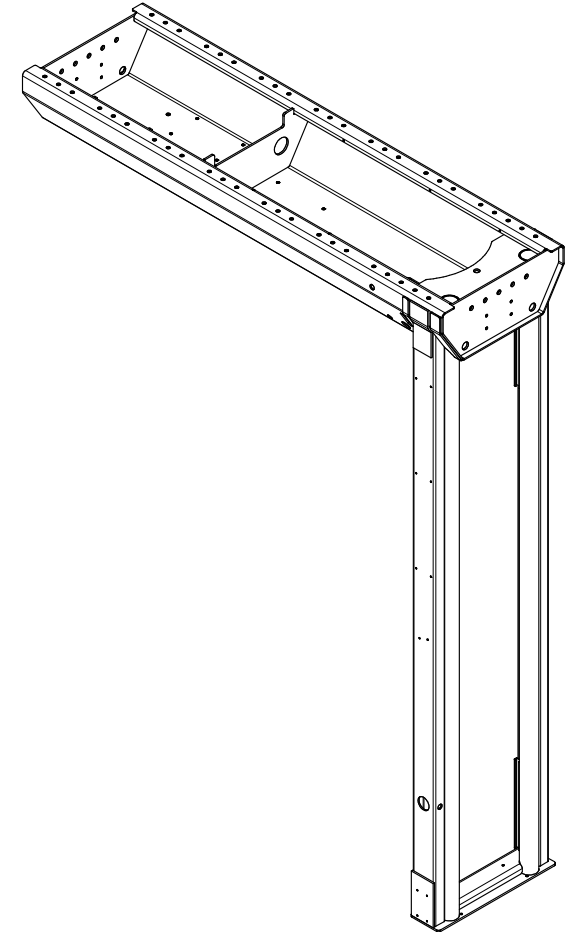
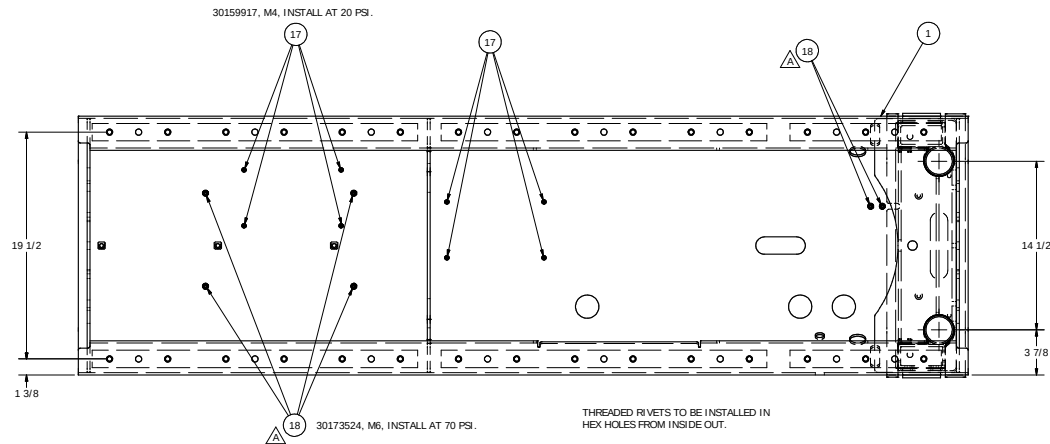
INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			WRAP ARM ASM S-25/35 80 (2030MM)WH 60/70/80/90WD / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS) / SLA		
TOLERANCES ARE:			REFERENCE NO.		
FRACTIONS 4/125	DECIMALS X.XX (35)	FLATNESS S.125 PER FOOT	N/A		DRAWING NUMBER
ANGLES 4°	XXX.X (55)		SIZE/DRAFTER	ENGINEER	
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			D	RJK	30159968
			SCALE:	DATE	
			1=8	12/13/2012	SHEET 1 OF 2



INCHES			Lantech®		
THIRD ANGLE PROJECTION			TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			WRAP ARM ASM S-25/35 80 (2030MM)WH 60/70/80/90WD /		
TOLERANCES ARE:			PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS) / SLA		
FRACTIONS 4/16	DECIMALS X.XX (05)	FLATNESS S.125 PER FOOT	REFERENCE NO. N/A	MATERIAL	
ANGLES 4°	XXX.X (05)		SIZE/DRAFTER D RMS	ENGINEER RJK	DRAWING NUMBER 30159968
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTech, INC.			SCALE 3=16	DATE 12/13/2012	SHEET 2 OF 2

Item Number: WRA001.000001
Part Number: 30162100
Part Description: WRAP ARM SUB ASM S-25/3500 80WH 60/70/80/90WD W/ METAL J-BOX MODIFICATIONS / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS)

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30162097</u>	<u>WRAP ARM FAB S-25/3500 80WH</u> <u>60/70/80/90WD W/ METAL J-BOX</u> <u>MODIFICATIONS / PALLET GRIP A36</u> <u>NEW DESIGN (W/ HEX HOLES)</u>	<u>1.00000</u>
<u>000017</u>	<u>30159917</u>	<u>FASTENER NUT THREADED INSERT</u> <u>HEX SHANK M4X0.7X13.56MM OPEN</u> <u>ENDED GRIP RANGE 4.00 - 5.30MM</u> <u>(0.158 - 0.209IN) YELLOW ZINC-</u> <u>PLATED STEEL ROHS COMPLIANT</u>	<u>8.00000</u>
<u>000018</u>	<u>30173524</u>	<u>FASTENER NUT THREADED INSERT</u> <u>HEX SHANK M6X1.00X18.6MM OPEN</u> <u>ENDED GRIP RANGE 5.4 - 7.8MM (0.213</u> <u>- 0.307IN) YELLOW ZINC-PLATED</u> <u>STEEL ROHS COMPLIANT</u>	<u>6.00000</u>

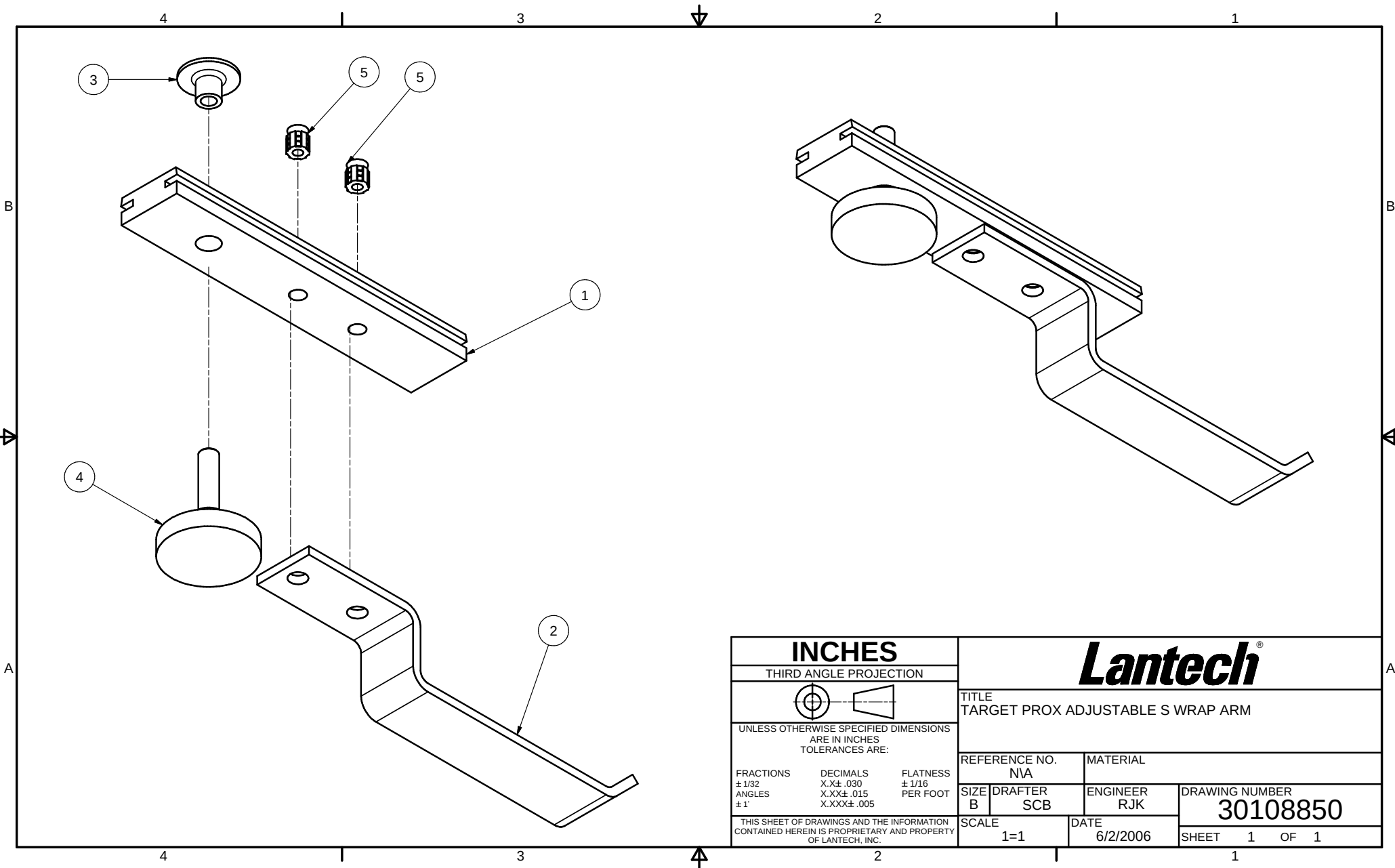


EDN # 702364	ITEM # 18, 30173524, WAS 30159906		DATE: 4 MAY 2015		SCALE: 3=16		DATE: 1/28/2013		DRAWING NUMBER 30162100	
	INT. MRM								SHEET 1 OF 1	

INCHES			THIRD ANGLE PROJECTION			Lantech®		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			TOLERANCES ARE:			TITLE WRAP ARM SUB ASM S-25/3500 80WH 60/70/80/90WD W/ METAL J-BOX MODIFICATIONS / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS)		
FRACTIONS X.XX ANGLES X°			DECIMALS X.XX PER FOOT X.XX			REFERENCE NO. N/A		
SIZE D			ENGINEER RJK			DRAWING NUMBER 30162100		
SCALE 3=16			DATE 1/28/2013			SHEET 1 OF 1		

Item Number: WRA001.000003
Part Number: 30108850
Part Description: TARGET PROX ASM ADJUSTABLE S WRAP ARM

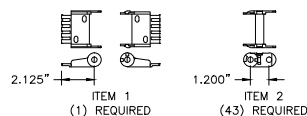
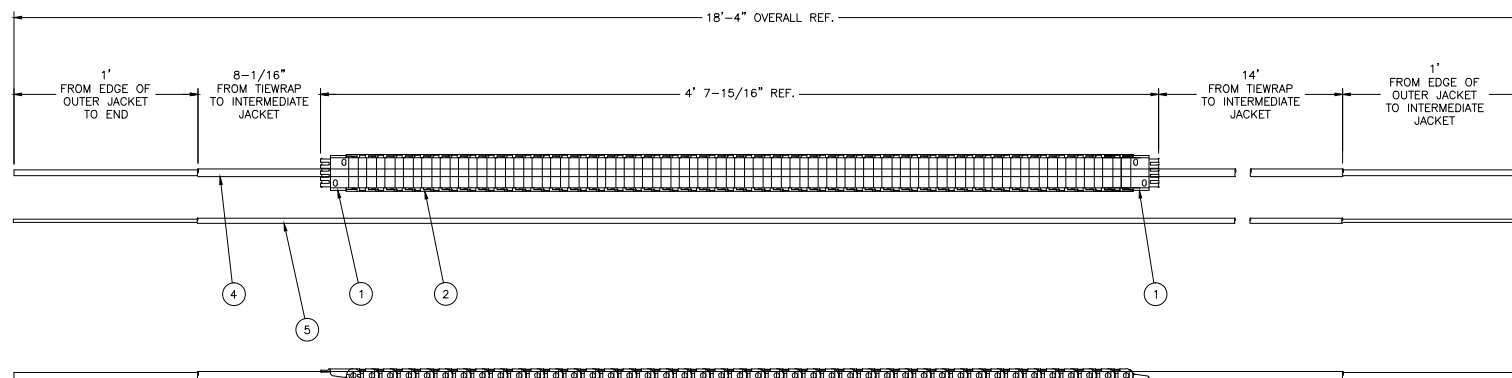
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>40401095</u>	<u>GUIDE RAIL LIMIT SWITCH EFSON FE</u>	<u>1.00000</u>
<u>000002</u>	<u>30000248</u>	<u>PLATE WRAP ARM FORMED LIMIT SWITCH ACTUATOR</u>	<u>1.00000</u>
<u>000003</u>	<u>P-012351</u>	<u>FASTENER NUT PROPELLER 1/4-20</u>	<u>1.00000</u>
<u>000004</u>	<u>P-011542</u>	<u>KNOB ROUND PLASTIC BLACK CLAMPING 1-1/4 DIA W/ 1/4-20 X 3/4 THREADED STUD (700 MINIMUM ORDER)</u>	<u>1.00000</u>
<u>000005</u>	<u>P-404113</u>	<u>FASTENER THREADED INSERT M4X0.7 X 1/4OD X 5/16L FLUTED BRASS</u>	<u>2.00000</u>



INCHES			Lantech[®]		
THIRD ANGLE PROJECTION			TITLE TARGET PROX ADJUSTABLE S WRAP ARM		
			REFERENCE NO. N/A		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			SIZE B	DRAFTER SCB	ENGINEER RJK
FRACTIONS ± 1/32 ANGLES ± 1°	DECIMALS X.X± .030 X.XX± .015 X.XXX± .005	FLATNESS ± 1/16 PER FOOT	DRAWING NUMBER 30108850		
THIS SHEET OF DRAWINGS AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY AND PROPERTY OF LANTECH, INC.			SCALE 1=1	DATE 6/2/2006	SHEET 1 OF 1

Item Number: WRA001.000017
Part Number: 31008702
Part Description: KIT S-15/25/3500 SOLID BODY CABLE TRACK 80(2030MM)WH/NFB

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>30166670</u>	<u>MOUNT FLAT CABLE TRACK</u> <u>PLASTIC FOR 10.4.XXX 1 PC MOUNT</u> <u>2 PER SET</u>	<u>1.00000</u>
<u>000002</u>	<u>30062223</u>	<u>CABLE TRACK 48MM</u>	<u>43.00000</u>
<u>000004</u>	<u>30226558</u>	<u>CABLE ELECTRICAL 12COND 18AWG</u> <u>CHAINFLEX CF9 FLEXIBLE TPE (-35C</u> <u>TO 100 DEG C/-31 TO 212 DEG F) .49</u> <u>DIA</u>	<u>18.33000</u>
<u>000005</u>	<u>30158674</u>	<u>CABLE ELECTRICAL 4COND 14AWG</u> <u>CHAINFLEX CF10 SHIELDED</u> <u>FLEXIBLE TPE (-35C TO 100 DEG C/-</u> <u>31 TO 212 DEG F) .47 DIA</u>	<u>23.33000</u>



12 COND/18 GAGE
ITEM 4
(18'-4\") REQUIRED

4 COND/14 GAGE
ITEM 5
(23'-4\") REQUIRED

- NOTES:**
1. INSTALL STRAIN RELIEF AT MOVING END OF EACH CABLE.
 2. PROVIDE 3\"
 3. LABEL EACH CONDUCTOR AT BOTH ENDS OF EACH CABLE.
 4. BRACKETS TO BE CONFIGURATION D.
 5. JACKET TO BE CUT BACK 12\"
 6. ITEM 5 NOT INSTALLED INTO CABLE TRACK.

Item Number: WRA003
Part Number: 30166017
Part Description: KIT FILM DELIVERY SYSTEM ELEVATOR ENCODER 6 PPR EXTENDED BASE ENCODER MOUNT

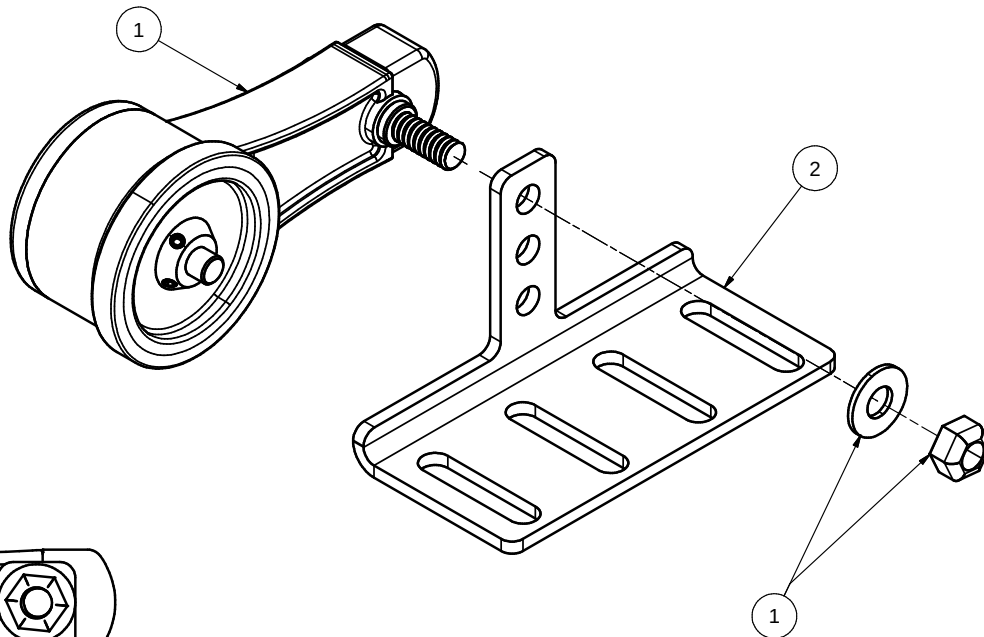
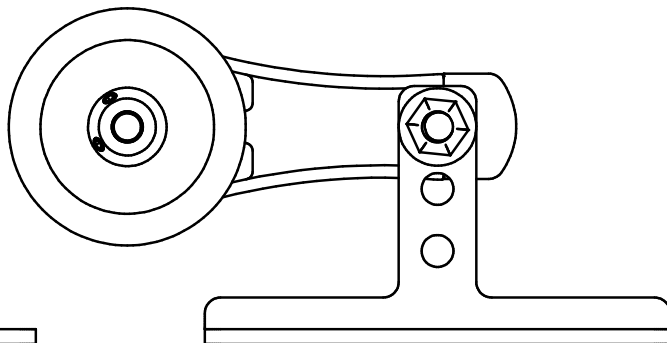
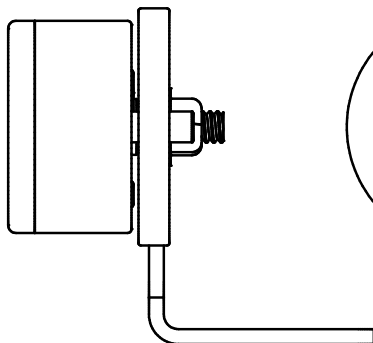
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty</u>
<u>000001</u>	<u>31042029</u>	<u>ENCODER 0006PPR INCREMENTAL</u> <u>24VDC LINE DRIVER W/6 INCH</u> <u>MEASURING WHEEL RH</u>	<u>1.00000</u>
<u>000002</u>	<u>30159957</u>	<u>ANGLE FORMED ENCODER MOUNT</u> <u>EXTENDED BASE FOR TR1</u>	<u>1.00000</u>

4

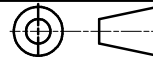
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1

**INCHES**

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN INCHES
TOLERANCES ARE:

FRACTIONS ± 1/32	DECIMALS X.X4 ± .030	FLATNESS ± 1/16 PER FOOT
ANGLES ± 1°	X.XX ± .015	
	X.XXX ± .005	

THIS SHEET OF DRAWINGS AND THE INFORMATION
CONTAINED HEREIN IS PROPRIETARY AND PROPERTY
OF LANTECH, INC.**Lantech®**TITLE
KIT FILM DELIVERY SYSTEM ELEVATOR ENCODER 6 PPR
EXTENDED BASE ENCODER MOUNT

REFERENCE NO. N/A		MATERIAL	
SIZE B	DRAFTER DJF	ENGINEER DJF	DRAWING NUMBER 30166017
SCALE 1=1		DATE 11/4/2013	SHEET 1 OF 1

4

3

2

1

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Recommended Spare Parts List

Page 1 of 7

Generated Date: Nov 16 2021	BLUE MARBLE PRODUCTIONS INC
Model:	Serial No: SLA007909
	Your Purchase Order: B10726/B11372

Assembly Description	Part Number	Part Description	Qty	UOM	Stock?	Lead Time	Class
PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB	30029748	BEARING 0.375 ID X 0.563 OD X 0.625 LG NEEDLE	1	EA	Y	3	Wear
FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER	30124570	BEARING FDS ROLL POST	1	EA	Y	2	Wear
AUTOMATION UNIT STD FLOW 2- 1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30052344	BEARING FLANGE 3/4IN CAST IRON HOUSING 3MM CAP SET SCREW 2 BOLT NO LUBE (+32¼ TO 176¼F) AMBIENT TEMPERATURE RANGE	2	EA	Y	120	Wear
FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER	30124569	BEARING FLANGE FDS FILM CORE	1	EA	Y	7	Wear
PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB	30148184	BEARING LINEAR ASM FOR Q-XT V4.0 THK	1	EA	Y	154	Wear
PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB	30121583	BEARING LINEAR DRYLIN POLYMER 1/2ID X 7/8OD X 1-1/4	1	EA	Y	4	Wear
BASE ASM TWO LEG TOP FRAME 5 HOLE (WITH THREADED RIVET NUTS) FOR FIXTURE V2	30002708	BELT DRIVE POLY CHAIN GT	1	EA	Y	3	Wear
DRIVE KIT MPS PRS+ 145TC 35- 40RPM W/O MOTOR	30006653	BELT DRIVE V HTD 5MM PITCH X 635MM PITCH LENGTH X 25MM WIDE	1	EA	Y	3	Wear

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Recommended Spare Parts List

DRIVE KIT S-3500/S-4000 WRAP ARM AND FDS LIFT 182TC/145TC INPUT 35RPM W/O AC MOTORS OR BRAKE (-10 TO 105F) COST SAVINGS	30016054	BELT FLAT LIFT NYLON 3 X 125 FOR FDS S-25/3500 80/110 WRAP HEIGHT	1	EA	Y	5	Wear
BEARING ASM - MULTI-ENVIRONMENT W/TOP FRAME ADAPTER PLATE BOLTED - METRIC	40089301	BELT FRICTION 3MM X 1-1/2IN X 115IN URETHANE TRACTION FOR BEARING.	1	EA	Y	2	Wear
AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30124679	BLADE UTILITY	1	EA	Y	2	Wear
MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E	P-011525	BRAKE HOLDING 24 VDC 21 LB-FT 145 TC FAIL SAFE DOUBLE C FACE	1	EA	Y	2	Critical
CUTTER HEAD ASM 20IN HOT-WIRE	30088442	BUSHING FLANGE .25 X .5 X 7/16 X 3/4 X 1/8 WHITE DELRIN OFFSET HOLE HOT WIRE INSULATOR	2	EA	Y	2	Wear
FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER	P-404232	BUSHING FLANGE 12MM ID X 18MM OD X 19MM X 25MM X 2MM BRONZE OIL FILLED	2	EA	Y	2	Wear
FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER	P-404231	BUSHING FLANGE 16MM ID X 19MM OD X 16MM LG X 25MM FLANGE OD X 3MM FLANGE THICKNESS BRONZE OIL FILLED	2	EA	Y	2	Wear
DRIVE KIT MPS PRS+ 145TC 35-40RPM W/O MOTOR	31003322	BUSHING TAPERLOCK 3/4 BORE W/ 5MM KW	1	EA	Y	2	Wear
KIT RAILROAD GATE CONTROL CABLES FOR SL-SERIES FESTO VALVES (ALLEN-BRADLEY)	30220866	CABLE ELECTRICAL EXTENSION 3 COND 24 AWG R-ANG-F PICO QD STR-M PICO QD 0.3M YELLOW PVC	1	EA	Y	3	Critical
KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L	30213501	CABLE ELECTRICAL EXTENSION 3 COND 24 AWG STR-F MICRO QD STR-M PICO QD 1M YELLOW PVC	1	EA	Y	3	Critical
KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L	30220876	CABLE ELECTRICAL EXTENSION 3 COND 24 AWG STR-F MICRO QD STR-M PICO QD 2M YELLOW PVC	1	EA	Y	3	Critical

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Recommended Spare Parts List

KIT CABLES FOR L-SERIES 15/25/35 RPM CONTROLS (ALLEN-BRADLEY)	30220877	CABLE ELECTRICAL EXTENSION 3 COND 24 AWG STR-F MICRO QD STR-M PICO QD 5M YELLOW PVC	1	EA	Y	3	Critical
KIT 10 METER CROSSOVER ETHERNET CABLE W/ CABTITE CABLE ENTRY SYSTEM	30210159	CABLE SPECIAL FUNCTION ETHERNET CABLE 24AWG 10 METERS 8 CONDUCTORS RJ45 TO RJ45 TEAL PVC SHIELDED CROSSOVER UL CMR CMX; CUL CMG; STANDARD TIA 568-B	1	EA	Y	20	Critical
AUTOMATION UNIT STD FLOW 2- 1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30124650	CLAMP BLADDER W/ 1/4 OD TUBE	1	EA	Y	3	Wear
COLLECTOR RING ASM 24 CONDUCTOR PRECISION BEARING W/MOUNTS AND PLUGS STANDARD DESIGN NFB W/O ENCODER	31050825	COLLECTOR RING 24 CONDUCTOR NFB	1	EA	Y	4	Critical
GATE ASM RR STD NFB W/BIMBA CYLINDER W/O VALVES	30051453	CYLINDER AIR 1-1/16IN BORE 8IN STROKE W/UPPER CUSHION	1	EA	Y	3	Wear
AUTOMATION UNIT STD FLOW 2- 1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30183442	CYLINDER AIR 2-1/2 BORE 2IN STROKE SIDE MOUNT SQUARE FLAT W/ ADAPTERS AND FLOW CONTROLS	1	EA	Y	3	Wear
AUTOMATION UNIT STD FLOW 2- 1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30183447	CYLINDER AIR 2-1/2 IN BORE WITH BLOCKING VALVE W/ ADAPTERS AND FLOW CONTROLS RVS FLOW	1	EA	Y	3	Wear
KIT AB POWERFLEX 4M 1HP 380- 480VAC W/ MCP	31047097	DRIVE VARIABLE FREQUENCY POWERFLEX 4M 1HP 380-480VAC	1	EA	Y	3	Critical
KIT AB POWERFLEX 525 2HP 380-480VAC W/ MCP / BRAKE RESISTOR / SLIM LINE RELAY	31050066	DRIVE VARIABLE FREQUENCY POWERFLEX 525 2HP 380-480VAC FRAME A	1	EA	Y	3	Critical
KIT AB POWERFLEX 525 3HP 380-480VAC W/ MCP / BRAKE RESISTOR	31050069	DRIVE VARIABLE FREQUENCY POWERFLEX 525 3HP 380-480VAC FRAME A	1	EA	Y	3	Critical
KIT FILM DELIVERY SYSTEM ELEVATOR ENCODER 6 PPR EXTENDED BASE ENCODER MOUNT	31042029	ENCODER 0006PPR INCREMENTAL 24VDC LINE DRIVER W/6 INCH MEASURING WHEEL RH	1	EA	Y	42	Critical
FILM DELIVERY SYSTEM S1 and RS2 ENCODERS W/MOUNTS NFB	30124559	ENCODER 600PPR INCREMENTAL 24VDC LINE DRIVER HOLLOW BORE 10MM	1	EA	Y	21	Critical

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Recommended Spare Parts List

KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/MTG PLATE / W/O GAUGES	31017484	FILTER REGULATOR MS6-LFR-1/2-D7-E-R-M-A4-AS	1	EA	Y	21	Wear
MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E	31064835	MOTOR 1-1/2HP 208-230/460VAC 4.2-4.0/2.0FLA 3PH 1760RPM@60HZ 145TC INV READY - FOOTLESS	1	EA	Y	17	Critical
CONVEYOR DRIVE ASSY 60 FPM/1 HP/SS/VA STYLE	31037510	MOTOR 1HP 208-230/460VAC 3.1-3/1.5FLA 3PH 1750RPM@60HZ 56C INV READY -FOOTLESS - SUPER E/ NEMA PREMIUM EFFICIENCY	1	EA	Y	3	Critical
MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E	31064557	MOTOR 2HP 208-230/460VAC 5.6-5.2/2.6FLA 3PH 1725RPM@60HZ 145TC INV READY -FOOTLESS CLASS F INSULATION 1.15 SERVICE FACTOR	1	EA	Y	7	Critical
CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS	P-012260	MOTOR 3/4 HP 230/460V 2.6/1.3FLA 3400 56C	1	EA	Y	3	Critical
MOTOR KIT SL-SERIES 35-40RPM BALDOR AC SUPER-E	31064832	MOTOR 3HP 208-230/460VAC 8.6-8.2/4.1A 3PH 1760RPM@60HZ 182TC INV READY	1	EA	Y	3	Critical
PLC KIT AB MICROLOGIX 1400/3-16PT DIGITAL INPUT/2-16PT DIGITAL OUTPUT W/CABLE CHANNEL 0 (8-PIN DIN) TO RS-485 (6-PIN PHOENIX)	31012454	PLC INPUT DIGITAL 16 24VDC SINK/SOURCE	1	EA	Y	3	Critical
PLC KIT AB MICROLOGIX 1400/3-16PT DIGITAL INPUT/2-16PT DIGITAL OUTPUT W/CABLE CHANNEL 0 (8-PIN DIN) TO RS-485 (6-PIN PHOENIX)	31012457	PLC OUTPUT DIGITAL 16 24VDC TRANSISTOR SOURCE	1	EA	Y	3	Critical
KIT PANEL PLATE COMPONENTS/ 2 PDB'S/ A-B 20A 24VDC PWR SUPPLY/ 3A 3P CB AND UL489 BREAKERS OUTPUT	31041906	POWER SUPPLY ENCLOSED ALLEN-BRADLEY 380-480VAC 3 PHASE INPUT 24VDC 20AMP DIN RAIL MOUNT UL508	1	EA	Y	3	Critical
DRIVE KIT S-3500/S-4000 WRAP ARM AND FDS LIFT 182TC/145TC INPUT 35RPM W/O AC MOTORS OR BRAKE (-10 TO 105F) COST SAVINGS	31049453	REDUCER BM 224-40-2-145TC-L1 -MOBIL GLYGOYLE 460 (-10 TO 105F)	1	EA	Y	10	Critical
CONVEYOR DRIVE ASSY 60 FPM/1 HP/SS/VA STYLE	30011578	REDUCER BMQ 821-15-3-56C	1	EA	Y	14	Critical

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Recommended Spare Parts List

CONVEYOR DRIVE ASSY 60 FPM 3/4 HP SS	30132286	REDUCER BMQ821 30:1 RIGHT ANGLE RIGHT HAND OUTPUT ASSEMBLY 3 56C FACE MOBIL GLYGOYLE 460 LUBRICANT (-10 TO +105F) FILLED FOR WORM UNDER MOUNTING POSITION (FOOD GRADE STANDARD)	1	EA	Y	20	Critical
DRIVE KIT S-3500/S-4000 WRAP ARM AND FDS LIFT 182TC/145TC INPUT 35RPM W/O AC MOTORS OR BRAKE (-10 TO 105F) COST SAVINGS	30015905	REDUCER GRG-BM826-10-L-180 -MOBIL GLYGOYLE 460 LUBRICANT (-10 TO +105F) / FILLED FOR OUTPUT SHAFT VERTICAL MOUNTING POSITION	1	EA	Y	10	Critical
CUTTER HEAD ASM 20IN HOT- WIRE	30145299	ROD TOOLESS HOT WIRE CUTTER BOTTOM NFB	1	EA	Y	4	Wear
CUTTER HEAD ASM 20IN HOT- WIRE	30145298	ROD TOOLESS HOT WIRE CUTTER TOP NFB (SEE NOTES)	1	EA	Y	2	Wear
WRAP ARM ASM S-25/35 80 (2030MM)WH 60/70/80/90WD / PALLET GRIP A36 NEW DESIGN (W/ THREADED RIVETS) / SLA	30016454	ROLLER IDLER ASM 1.91 IN OD X 5.69 IN LG CROWNED	1	EA	Y	5	Wear
KIT FESTO CPV10 VALVE ASSEMBLY MA05021 STD FLOW	001476A	SILENCER U-3/8-20-B-ISO (FILTER FOR VENTURI VACUUM)	1	EA	Y	10	Wear
PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB	30120868	SPRING COMPRESSION MUSIC WIRE 46LB/IN 0.135 WIRE DIA 4 X 1.095 OD	1	EA	Y	2	Wear
CUTTER HEAD ASM 20IN HOT- WIRE	P-010570	SPRING COMPRESSION STEEL 50LB/IN 0.347 WIRE DIA X 2-1/2 X .36 OD	1	EA	Y	2	Wear
FILM DELIVERY SYSTEM ASM 20 (500MM) S-AUTO STD FLOW W/O STRETCH ROLLERS MPS WITH LIFT BELT ADJUSTER	P-011135	SPRING EXTENSION STEEL 3.73LB/IN 0.0475 WIRE DIA X 2-1/2 X 0.437 OD	1	EA	Y	2	Wear
KIT NFB 24VDC PNP PROX SWITCHES (SICK)	30036932	SWITCH LIMIT ROTARY ROLLER LEVER SPDT MICRO QD 48IN-OZ W/ 1.5IN LONG LEVER and 1IN WIDE ROLLER LANTECH SPECIFIC PIN-OUT (-40 TO 221 DEG F) IP67	1	EA	Y	2	Wear
KIT PALLET HEIGHT SENSING INTELLISENSOR STD FLOW PALLET GRIP (CARRIAGE MOUNTED) LOAD GUARDIAN	30034902	SWITCH PHOTOCELL DIFFUSE 18-30VDC 72IN NPN/PNP DARK OPERATE MICRO QD INTELLISENSOR	1	EA	Y	3	Wear

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Recommended Spare Parts List

KIT OVER / UNDER TRAVEL AND LOAD IN POSITION HIGH SPEED (SICK) W/ REFLECTORS / FENCE MOUNTED 108L	30228110	SWITCH PHOTOCELL RETROREFLECTIVE 10-30VDC 12M MAX RANGE PNP M12 4P 1103569 (Bulk Pack of 1064704 at QTY 50)	1	EA	Y	3	Critical
KIT FILM CORE DETECTION (ALLEN-BRADLEY)	31042641	SWITCH PHOTOCELL VISISIGHT STANDARD DIFFUSE RED DC - 2 COMPLEMENTARY LO/DO OUTPUTS SOURCE (PNP) 4-PIN DC MICRO QD ON 152MM (6IN) PIGTAIL (-20C - +60C, -4F - +140F)	1	EA	Y	3	Wear
KIT AIR PREPARATION COMPONENTS SL / LSC 4.0 / FOR FESTO VALVES / CAT 3 / W/MTG PLATE / W/O GAUGES	30219007	SWITCH PRESSURE SENSOR SPAN-P10R-G18M-PN-PN-L1	1	EA	Y	5	Critical
KIT NFB 24VDC PNP PROX SWITCHES (SICK)	31032140	SWITCH PROXIMITY INDUCTIVE 18MM DIA 69MM LONG 12MM RANGE N.C. NON-FLUSH M12 4-PIN QD 10-30 VDC PNP IP67 OP TEMP -25C to +75C	1	EA	Y	3	Wear
KIT LSC 4.0 CLAMP 24VDC PNP PROX SWITCHES (SICK)	31032130	SWITCH PROXIMITY INDUCTIVE 18MM DIA 69MM LONG 12MM RANGE N.O. NON-FLUSH M12 4-PIN QD 10-30 VDC PNP IP67 OP TEMP -25C to +75C	1	EA	Y	3	Wear
KIT SAFETY GATE SWITCH SCHMERSAL AZM 200 FOR RIGHT SIDE HINGED GATE WITH INTEGRAL UNLOCK BUTTON FOR SWITCH CENTER MOUNT DOOR 10M CABLE	30238849	SWITCH SAFETY KEY INTERLOCKED SOLENOID LOCK 24VDC 12P M23 AZM201	1	EA	Y	7	Critical
AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30124576	TEFLON INSERTION DEVICE WHITE	1	EA	Y	2	Wear
PRE-STRETCH KIT 225% ROLLER STRETCH METRIC PITCH AND KYWY/SAE BORE WITH TENSIONER ASSEMBLY	30004152	TENSIONER DEVICE CHAIN SELF ADJUSTING LINEAR	1	EA	Y	2	Wear
KIT PNEUMATIC RR GATES VALVES 24VDC (FESTO)	30220864	VALVE ASM 1 STATION 24VDC 2NC (FESTO)	1	EA	Y	3	Critical
AUTOMATION UNIT STD FLOW 2-1/2IN CYL W/ FLOW CONTROLS (FESTO) FLOOR MOUNTED	30136445	VALVE CHECK BLOCKING 1/4IN NPT 10-32NPT PILOT TUBE PORT	1	EA	Y	5	Wear

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PALLET GRIP 2 ASM 20 SM/SS RIP STOP STD NFB	30029749	WHEEL 2 OD X 0.25 ID (PLAIN BORE) POLYOLEFIN	1	EA	Y	2	Wear
CUTTER HEAD ASM 20IN HOT- WIRE	S-007616	WIRE NICHROME	25	FT	Y	2	Wear

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