

# **INCLINE UNIT LOAD FEED CONVEYORS INTO ULF STATIONS & FULL PALLET DELIVERY SYSTEM (FPDS)**

## **1. DECLINE UNIT CONVEYORS FEED INTO ULF STATIONS (FCC)**

**ULF UNITS - 1, 2, 5 & 7 - REVIEW BREAKDOWN OF EACH FCC SYSTEMS BELOW FOR EACH ULF STATION**

### **ULF 2 & 5 - ALVEY CONVEYOR (22"W)**

- DIVERT CONVEYORS (42FT)
- UPPER DIVERT ACC #2
- LOWER DIVERT BOTTOM OF DECLINE (4FT)
- BELT INCLINE CONVEYOR (4FT)
- SMALL DECLINE/DIVERT CONVEYOR (36")
- DECLINE CONVEYOR (6FT)
- PACER BELT (6FT)
- ROLLER CONVEYOR ACCUMULATION # 1 WITH 90 DEGREE (50")
- ROLLER CONVEYOR ACCUMULATION # 2 WITH 90 DEGREE (32")
- ROLLER CONVEYOR ACCUMULATION # 3 WITH 90 DEGREE (32")
- FCC CONTROL/MECHANICAL SHARED COMPONENTS
- FCC CONTROL VOLTAGE COMPONENTS

### **ULF 1 & 7 - HK SYSTEMS - UHS CONVEYOR (22"W)**

- DIVERT CONVEYORS (108"L)
- (2) INCLINE CONVEYOR # 1 (48'L) (18"W)
- INCLINE CONVEYOR # 2 (40'L) (18"W)
- (3) DECLINE CONVEYOR (60"L)
- DECLINE/DIVERT CONVEYOR (INTRALOX SYSTEMS) (50"W x 90"L)
- PACER BELT (6FT)
- ROLLER CONVEYOR ACCUMULATION # 1 WITH 90 DEGREE (50")
- ROLLER CONVEYOR ACCUMULATION # 2 WITH 90 DEGREE (32")
- ROLLER CONVEYOR ACCUMULATION # 3 WITH 90 DEGREE (32")
- FCC CONTROL/MECHANICAL SHARED COMPONENTS
- FCC CONTROL VOLTAGE COMPONENTS

## **2. FULL PALLET DELIVERY SYSTEM (FPDS)**

(4) UNITS - FEEDING INTO FULL PALLET SYSTEM TO WAREHOUSE

### **FPDS CONSISTS OF THESE COMPONENTS**

- (4) DISCHARGE CONVEYORS (20 FEET) - ALVEY CONVEYOR (72" W)

**ULF UNITS - 1, 2, 5 & 7 ALL HAVE SIMILAR DISCHARGE CONVEYORS FEEDING INTO MAIN FULL PALLET DELIVERY SYSTEM**

- FPDS CHAIN DRIVEN LIVE ROLLER CONVEYOR
- INPUT STATION
- INPUT TURNTABLE CONVEYOR
- TURNTABLE
- 1 ST SIZE CHECK CONVEYOR

- **MAIN FULL PALLET DELIVERY SYSTEM (EST. LENGTH 95FT) - ALVEY CONVEYOR (72" W)**

- CHAIN DRIVEN LIVE ROLLER TRANSPORT CONVEYOR
- (4) WALK OVER STATIONS (SAFETY) ULF'S 1,2,5,7
- POP UP INPUT STATIONS

# PALLETIZERS

## PALLETIZER - MODEL - COLUMBIA 610

(4) UNITS - ULF # 1,2,5,7 (1997)

ULF #1 - S/N 9502-1233- 1381

ULF #2 - S/N 9501-1525-1694

ULF #5 - S/N 9501-1526-1695

ULF #7 - S/N 927 - 1345-1501

## PALLETIZER SYSTEM CONSISTS OF THESE COMPONENTS

### - INFEED/ROW FORMING SECTION

MHBR - PACER BELT (ULF 2 & 5), (ULF 1 & 7)

MHBR - METERING BELT (ULF 2 & 5) , (ULF 1 & 7)

MHBR - INFEED ROLLER/CASE TURNER (ULF 2 & 5) , (ULF 1 & 7)

MTR .75HP 1800 230/460 56C CONST TORQUE  
GEARBOX 2.23:1 RCV191P 56C  
PULLEY,TIMING 8MMP 22T 7/8"B  
BELT,GEAR 8MMP12MMW416MML  
BELT,TIMING 11.2MMWX288MML PLASTIC  
INVERT MTR, BUSH,TAPER 1.386D 7/8L 3/4B  
INVERT MTR, SPROCKET,PCH, 8P 21MM 22T  
INVERT MTR, SPROCKET,PCH,8P 12MM 22T  
INVERT MTR, BRG,BALL 30MM WIDEINR, SETSCR  
ROLLER,DRV 1.9"OD 17.22 "L W/PULLEY  
ROLLER,TUBE 2-1/4"OD 14"L PLASTIC  
BRG,BALL 25MM47MM12MM DBLSEAL  
PHOTO HEAD 6M W/76MMREFLECTOR POLARIZED  
BASE, POWER 102-132VAC50/60HZ2VA TERMINAL  
REFLECTOR,TARGET RETROFLECTIVE 3"DISC  
REFLECTOR 1-1/2"X4" ORANGE  
INVERT MTR, SHAFT, JACK 30MMB STEPPED 3/4"B 7-3/4"L

MHBR - ROW FORMING (ULF 2 & 5), (ULF 1 & 7)

MHBR - Blank Palletizer # 1

### - LAYER/HOIST/STRIP PLT/ACC.PCK

MHBR - LAYER FORMING (ULF 2 & 5) , (ULF 1 & 7)

MHBR - HOIST (ULF 2 & 5) , (ULF 1 & 7)

MHBR - STRIPPER PLATE (ULF 2 & 5) , (ULF 1 & 7)

MHBR - AAC. PKG. (ULF 2 & 5), (ULF 1 & 7)

**- LTC AND ULF DISCHARGE CONVEYOR**

MHBR - LTC CONVEYOR (ULF 2 & 5) , (ULF 1 & 7)

MHBR - DISCHARGE CONVEYOR (ULF 2 & 5) , (ULF 1 & 7)

**- PALLET DISPENSER/SLAT AND PALLET CONVEYOR/PALLET HOIST/ DISPENSER ROLLS/SAFETY DOORS/PALLET FEED CONVEYOR**

MHBR - SLAT CONVEYOR (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET DISPENSER (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET HOIST (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET DISPENSER ROLLS (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET SAFETY DOORS (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET FEED CONVEYOR (ULF 2 & 5) , (ULF 1 & 7)

**- TIE SHEET INSERTER/TIE SHEET INSERTER HOIST/TIE SHEET INSERTER ARM/TIE SHEET CONTROLS**

MDL. 0610H-RSSB-AB-9501

MHBR - TIE SHEET INSERTER HOIST (ULF 2 & 5) , (ULF 1 & 7)

MHBR - TIE SHEET INSERTER ARM (ULF 2 & 5) , (ULF 1 & 7)

MHBR - TIE SHEET MODULE (ULF 2 & 5) , (ULF 1 & 7)

MHBR - TIE SHEET CONTROLS (ULF 2 & 5) , (ULF 1 & 7)

MHBR - PALLET SAFETY DOORS (ULF 2 & 5) , (ULF 1 & 7)

**- HYDRAULIC PUMP AND TANK/HYDRAULIC COMPONENTS (ULF 2 & 5)**

**- CONTROL/MECHANICAL SHARED COMPONENTS/CONTROL VOLTAGE SYSTEM & MECHANICAL EQUIPMENT/IN TOUCH STATION/RIZ STATION/480V, 3PH (ULF 2 & 5)**

# **STRETCH WRAPPERS**

**MODEL - ITW MIMA COBRA VI - AUTOMATIC OVERHEAD SPIRAL WRAPPING SYSTEM WITH ACCU-I AND BRUSH WIPE DOWN**

**(4) UNITS - ULF # 1,2,5,7 (1997)**

ULF # 1 - S/N TBA

ULF # 2 - S/N 16932

ULF # 5 - S/N 16933

ULF # 7 - S/N TBA

## **STRETCH WRAPPER SYSTEM CONSISTS OF THESE COMPONENTS**

### **- UNIT LOAD CONVEYORS (72"W) - SANFAB & ALVEY CONVEYOR**

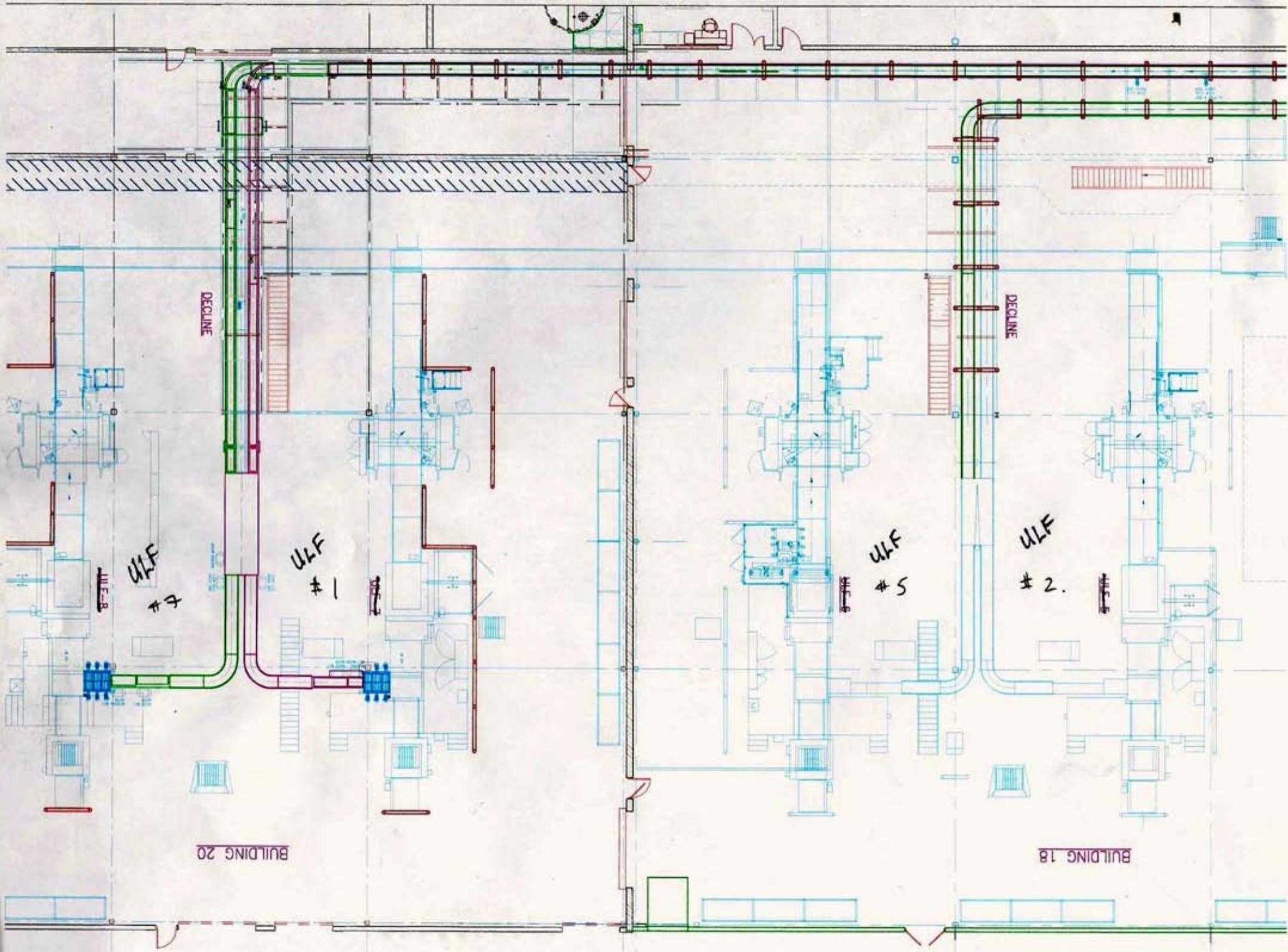
- STRETCH WRAPPER IN FEED CONVEYOR (10 FEET)
- STRETCH WRAPPER WRAP CONVEYOR
- STRETCH WRAPPER DISCHARGE CONVEYOR (20 FEET)

### **- STRETCH WRAPPER ASSEMBLES**

- STRETCH WRAPPER MAIN FRAME/ROTATION ARM ASSEMBLY
- CARRIAGE AND PRE-STRETCH ASSEMBLY
- CLAMP ASSEMBLY/CUT
- FILM BRUSH
- LABELLER AND SCANNER - PARAGON LABELLER SYSTEMS

### **- STRETCH WRAPPER CONTROL/MECH SHARED COMPONENTS**

- IN TOUCH STATION
- SAFETY CAGE
- 480V/3PH CONTROL ELECTRICAL
- FILM BRUSH
- LABELLER AND SCANNER



BUILDING 20

BUILDING 18

ULF #3

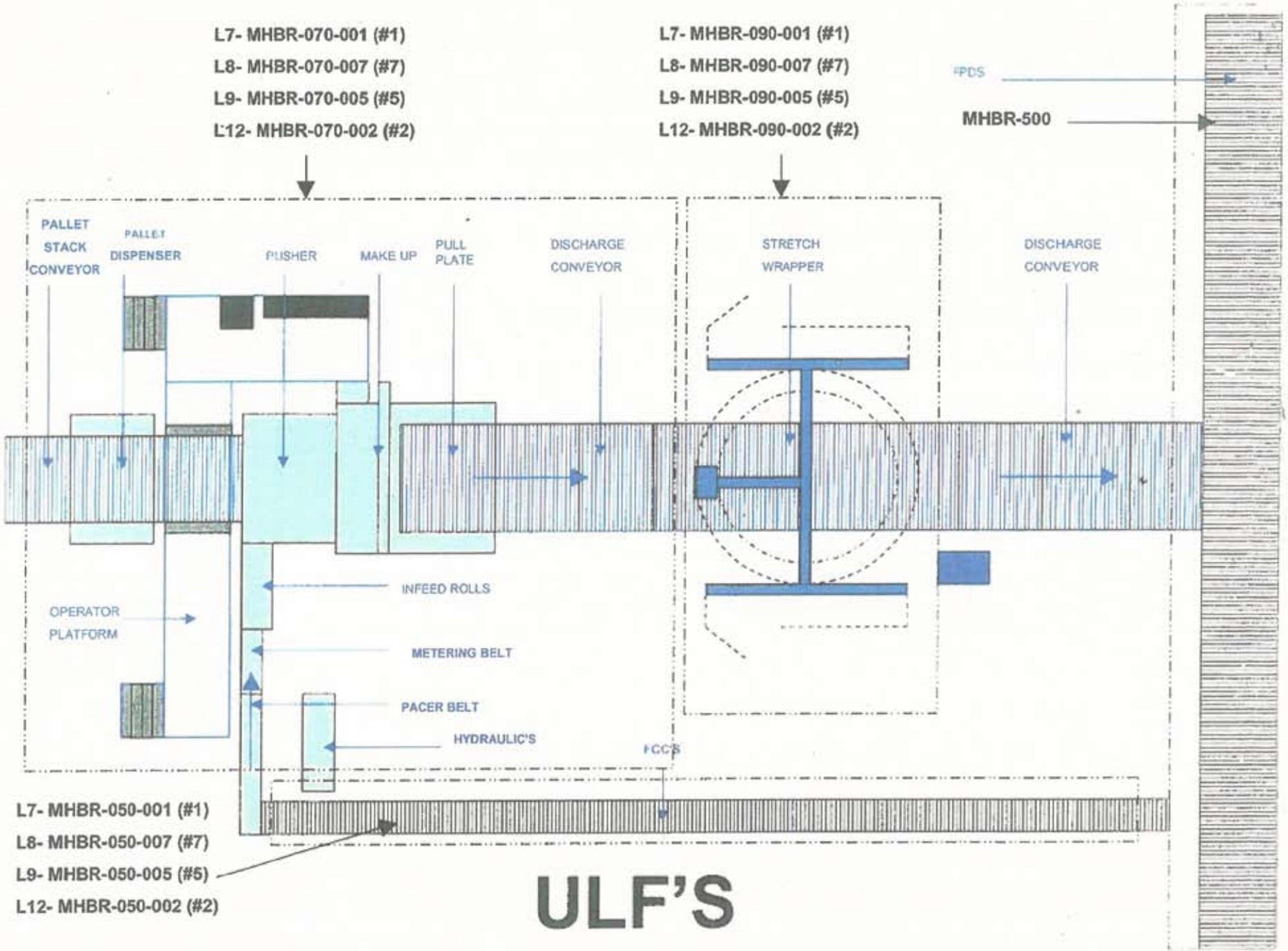
ULF #1

ULF #5

ULF #2

DECLINE

DECLINE



L7- MHR-070-001 (#1)  
 L8- MHR-070-007 (#7)  
 L9- MHR-070-005 (#5)  
 L12- MHR-070-002 (#2)

L7- MHR-090-001 (#1)  
 L8- MHR-090-007 (#7)  
 L9- MHR-090-005 (#5)  
 L12- MHR-090-002 (#2)

PDS  
 MHR-500

PALLET STACK CONVEYOR  
 PALLET DISPENSER  
 PUSHER  
 MAKE UP  
 PULL PLATE  
 DISCHARGE CONVEYOR  
 STRETCH WRAPPER  
 DISCHARGE CONVEYOR

OPERATOR PLATFORM

INFEEED ROLLS  
 METERING BELT  
 PACER BELT  
 HYDRAULIC'S

FCC'S

L7- MHR-050-001 (#1)  
 L8- MHR-050-007 (#7)  
 L9- MHR-050-005 (#5)  
 L12- MHR-050-002 (#2)

**ULF'S**