ADDENDUM NO. 2

BAGGAGE EXPANSION

at the

Northwest Florida Beaches International Airport
6300 West Bay Parkway
Panama City, Florida 32409
Phone: 850-763-6751

ZHA – Owner's Representative
David Scruggs
5206 Johnny Reaver Road
Panama City, Florida 32409
850-541-6188

Date of Issue: April 29, 2022

CLARIFICATION

This Addendum consists of the addition of Baggage Handling System drawings to the Bid Documents Drawings set dated 3/25/2022.

ITEM 1

The following changes and/or additions to the plans and specifications are hereby made part of same and are incorporated in full as part of the Contract documents.

- Add drawing sheets BH0.IS.01 through BH7.1.01 (30 sheets) as referenced on the Cover Sheet.

END OF ADDENDUM NO. 2

GENERAL NOTES

THE FOLLOWING APPLIES IN ADDITION TO THE PROJECT SPECIFICATIONS AND BHS DRAWINGS:

A. PRIOR TO ENGINEERING AND FABRICATION OF BHS THE CONTRACTOR SHALL FIELD VERIFY ALL BHS RELATED DIMENSIONS AND EXISTING CONDITIONS ON THE JOB SITE. THE CONTRACTOR IS TO BE RESPONSIBLE FOR DIMENSIONAL ACCURACY. CONFLICTS SHALL BE BROUGHT TO THE OWNER'S AND/OR OWNER'S REPRESENTATIVE ATTENTION IMMEDIATELY UPON DISCOVERY. ALL BAGGAGE SYSTEMS WORK SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR FOR THE BUILDING CONTRACT. BHS (DEMO AND NEW INSTALLATION) SHALL BE COORDINATE WITH OWNER. OPERATIONAL IMPACTS SHALL BE KEPT TO A MINIMUM. THE PORTERING REQUIREMENTS ARE LISTED IN THE SPECS.

B. DRAWING DIMENSIONS SHALL NOT BE SCALED, DIMENSIONS SHOWN SHALL BE USED.

C. ACTUAL CONVEYOR SPEEDS SHALL BE DETERMINED BY THE BHS CONTRACTOR IN ACCORDANCE WITH GOOD DESIGN PRACTICE AND SYSTEM THROUGHPUT REQUIREMENTS.

D. BHS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO MAINTAIN BAGGAGE SYSTEM RIGHT-OF-WAY.

E. SEE ARCHITECTURAL AND OTHER DISCIPLINE DRAWINGS FOR THE MOST CURRENT BACKGROUND AND COORDINATION INFORMATION.

F. BHS CONTRACTOR AND ALL OTHER TRADES TO MAINTAIN 3'-0" RIGHT OF WAY FROM TOP OF BELT TO NEAREST OBSTRUCTION. HANGING OF ANY EQUIPMENT COMPONENTS SUCH AS MECHANICAL, ELECTRICAL, PLUMBING OR HVAC FROM THE CONVEYOR, CATWALK OR ASSOCIATED SUPPORTS IS PROHIBITED.

G. CONVEYORS IN PUBLIC AREAS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

H. CONVEYOR SECTIONS SHALL BE FIELD CUT TO EXACT LENGTHS WHERE REQUIRED. FLARED SIDE GUARDS ARE TO BE LOCATED AFTER FIRE/SECUTITY DOORS. STAINLESS STEEL SHROUDING IS TO BE UTILIZED ON CONVEYORS IN THE PUBLIC AREA.

I. REFER TO TECHNICAL SPECIFICATION SECTION FOR THE BAGGAGE HANDLING SYSTEMS REQUIREMENTS. DEVIATIONS FROM THE LOCATIONS SHOWN SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

J. REFER TO BASE BUILDING ARCHITECTURAL AND OTHER DISCIPLINE DRAWINGS FOR COORDINATION INFORMATION.

K. ALL MODIFICATIONS MADE TO EXISTING CONVEYOR FOR FUTURE INSTALLATION IS REQUIRED BY THE BHS CONTRACTOR.

ENGINEER NOTES

CONTRACTOR DOCUMENT SPECIFICATIONS

THE CONTRACTOR IS HEREBY NOTIFIED THAT ESSENTIAL AND PERTINENT INFORMATION REGARDING THE CONSTRUCTION AND COMPLETION OF WORK FOR THIS PROJECT IS CONTAINED IN THE CONTRACT DOCUMENTS AND SPECIFICATIONS. REGARDLESS OF DISCIPLINE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ AND REVIEW THIS INFORMATION TO HIS OWN SATISFACTION PRIOR TO PERFORMING ANY WORK. ANY DEFICIENT, INCOMPLETE OR INCORRECT WORK SHALL BE REDONE TO MEET SAID REQUIREMENTS AT THE CONTRACTOR'S SOLE EXPENSE.

CONTROL SYSTEM NOTES

A. PROVIDE AND INSTALL START-UP BEACONS, JAM/E-STOP BEACONS AND HORNS AS REQUIRED.

B. THE CONTROL SCHEDULE IN THESE DRAWINGS MAY NOT INDICATE ALL OF THE REQUIRED CONTROL STATIONS OR EQUIPMENT. THEY ARE INTENDED FOR REFERENCE ONLY AND INDICATE EITHER THE PREFERRED OR REQUIRED LOCATIONS OF SOME OF THE CONTROL STATIONS REFERENCES IN THE CONTRACT DOCUMENTS. THE CONTROL SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT OF THE CONTROL SYSTEMS AND REFER TO THE DRAWINGS FOR THE REQUESTED CONTROL STATION LOCATIONS AND EQUIPMENT UNLESS THEY ARE IN CONFLICT WITH OTHER REQUIREMENTS. DEVIATIONS FROM THE LOCATIONS SHOWN SHALL BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE.

C. THE BHS SHALL INTERFACE WITH THE FIRE ALARM SYSTEM AND THE SECURITY ACCESS CONTROL SYSTEM.

D. PROVIDE CONTROLS FOR ALL NEW CONVEYOR EQUIPMENT OF THIS PROJECT AS WELL AS RE-WIRING/RE-CONTROLING ALL CONVEYORS AFFECTED.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
ARCH	PROJECT ARCHITECT
BC	BAG CLEARANCE
BCS	BAGGAGE CONTROL STANCHION
BG	BETWEEN SIDEGUARDS
BHS	BAGGAGE HANDLING SYSTEM
BOS	BOTTOM OF STEEL
CL	CENTER LINE
COL	COLUMN
CONV	CONVEYOR
CU	CLAIM UNIT
DIA	DIAMETER
DSG	DOUBLE SIDEGUARD
DWG	DRAWING
ELEC	ELECTRICAL
EQUIP	EQUIPMENT
FA	FAR SIDE
FD	FIRE DOOR
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FT	FEET
HP	HORSE POWER
MAINT	MAINTENANCE
MAX	MAXIMUM
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MCP	MOTOR CONTROL PANEL
MU	MAKEUP UNIT
NIC	NOT IN CONTRACT
NS	NEAR SIDE
NSG	NO SIDE GUARD
NTS	NOT TO SCALE
PT	POWER TURN
REF	REFERENCE
REQD	REQUIRED
REV	REVISION
SACS	SECURITY ACCESS CONTROL PANEL
SCH	SCHEDULE
SG	SIDE GUARD
SS	STAINLESS STEEL
SSG	SINGLE SIDE GUARD
TC	TICKET COUNTER
TOB	TOP OF BELT
TOC	TOP OF CONCRETE
TYP	TYPICAL
VIF	VERIFY IN FIELD
VFD	VARIABLE FREQUENCY DRIVE

SHEET LIST

Sheet Number	Sheet Name	35% Schematic	65% Schematic	95% Schematic	100%
BH0.IS.01	ABBREVIATIONS GENERAL NOTES AND DRAWING INDEX	X	X	X	
BH1.0.00	PLAN VIEW - EXISTING / DEMO MU ROOM		X	X	
BH1.1.00	PLAN VIEW - NEW SYSTEM OVERALL LAYOUT	X	X	X	
BH1.1.01	3D VIEW - NEW SYSTEM OVERALL LAYOUT		X	X	
BH1.1.02	PLAN VIEW - CL2 CL3 AND MF1 DETAIL LAYOUT	X	X	X	
BH1.1.03	PLAN VIEW - MF2 AND MU2 DETAIL LAYOUT	X	X	X	
BH2.1.01	BHS PLAN PHASE 1			X	
BH2.1.02	BHS PLAN PHASE 2a1			X	
BH2.1.03	BHS PLAN PHASE 2a2			X	
BH2.1.04	BHS PLAN PHASE 2a3			X	
BH2.1.05	BHS PLAN PHASE 2b			X	
BH2.1.07	BHS PLAN PHASE 3			X	
BH4.1.01	ELEVATION VIEWS- NEW CONVEYOR		X	X	
BH4.1.02	ELEVATION VIEWS- NEW CONVEYOR		X	X	
BH4.1.03	ELEVATION VIEWS- NEW CONVEYOR		X	X	
BH5.1.00	ELECTRICAL DEVICE STANDARDS		X	X	
BH5.1.01	ELECTRICAL PLAN VIEW - CL2 CL3 AND MF1		X	X	
BH5.1.02	ELECTRICAL PLAN VIEW - MF2 AND MU2		X	X	
BH6.1.00	SECTIONS AND DETAILS (MAKEUP AREA OPENINGS)		X	X	
BH6.1.01	SECTIONS AND DETAILS (ATR)		X	X	
BH6.1.02	SECTIONS AND DETAILS (MAKEUP TRANSFER)		X	X	
BH6.1.03	SECTIONS AND DETAILS (TUG CLEARANCE AREAS)		X	X	
BH6.1.04	SECTIONS AND DETAILS (SUPPORT HANGERS)		X	X	
BH6.1.05	SECTIONS AND DETAILS (SUPPORT HANGERS)		X	X	
BH6.1.06	SECTIONS AND DETAILS (SUPPORT HANGERS)		X	X	
BH6.1.07	SECTIONS AND DETAILS (IMPACT PROTECTION)		X	X	
BH6.1.08	SECTIONS AND DETAILS (FLOOR SUPPORTS)		X	X	
BH6.1.09	SECTIONS AND DETAILS (POINT-LOADS)		X	X	
BH7.1.01	PLAN VIEW- CATWALK LAYOUT			X	

Motor List

CONV TYPE	UNIT NO.	SUPPORT	MCP	INC/DCL (deg)	H Begin	H End	LENGTH	BG	SG LEFT	SG RIGHT	CONV SPEED	DRIVE TYPE	HP	FLA
TRANSPORT	CL2-07	HANGING	MCP-5		9' - 0"	9' - 0"	23.9'	39"	21"	21"	210	VFD	2	3.1
090PT	CL2-08	HANGING	MCP-5		9' - 0"	9' - 0"	8.8'	39"	21"	21"	210	VFD	2	3.1
QUEUE	CL2-09	HANGING	MCP-5		9' - 0"	9' - 0"	3.5'	39"	21"	21"	210	VFD	2	3.1
QUEUE	CL2-10	HANGING	MCP-5		9' - 0"	9' - 0"	3.5'	39"	21"	21"	210	VFD	2	3.1
TRANSPORT	CL2-11	HANGING	MCP-5		9' - 0"	9' - 0"	9.7'	39"	21"	21"	210	VFD	2	3.1
090PT	CL2-12	HANGING	MCP-5		9' - 0"	9' - 0"	8.8'	39"	21"	21"	210	VFD	2	3.1
TRANSPORT	CL2-13	HANGING	MCP-5		9' - 0"	9' - 0"	34.3'	39"	21"	21"	210	VFD	3	4.2
ATR	CL2-ATR	HANGING	MCP-5		9' - 0"	9' - 0"	0.3'	0"			210			0
QUEUE	CL3-10	HANGING	MCP-5		9' - 2"	9' - 2"	3.5'	39"	21"	21"	240	VFD	2	3.1
QUEUE	CL3-11	HANGING	MCP-5		9' - 2"	9' - 2"	3.5'	39"	21"	21"	240	VFD	2	3.1
045PT	CL3-12	HANGING	MCP-5		9' - 2"	9' - 2"	4.4'	39"	21"	21"	270	VFD	2	3.1
MERGE	CL3-13	HANGING	MCP-5		9' - 2"	9' - 2"	5.0'	39"	21"	21"	270	VFD	3	4.2
MCP 2 DOOR	MCP5	FLOOR												
TAKE-AWAY	MF1-01	HANGING	MCP-5		9' - 6"	9' - 6"	3.0'	39"	21"	21"	240	VFD	3	4.2
045PT	MF1-02	HANGING	MCP-5		9' - 0"	9' - 0"	4.4'	39"	21"	21"	210	VFD	2	3.1
TRANSPORT	MF1-03	HANGING	MCP-5		9' - 0"	9' - 0"	21.4'	39"	21"	21"	180	VFD	2	3.1
090PT	MF1-04	HANGING	MCP-5		9' - 0"	9' - 0"	8.8'	39"	21"	21"	150	VFD	2	3.1
TRANSPORT	MF1-05	HANGING	MCP-5	-21°	9' - 0"	4' - 5 1/2"	19.8'	39"	21"	21"	120	VFD/BRAKE	2	3.1
HSD	MF1-DIV	HANGING	MCP-5		8' - 0"	8' - 0"	6.0'	39"			0	VFD	2	3.1
TAKE-AWAY	MF2-01	HANGING	MCP-5		9' - 0"	9' - 0"	3.0'	39"	21"	21"	240	VFD	3	4.2
045PT	MF2-02	HANGING	MCP-5		9' - 0"	9' - 0"	4.4'	39"	21"	21"	210	VFD	2	3.1
TRANSPORT	MF2-03	HANGING	MCP-5		9' - 0"	9' - 0"	18.9'	39"	21"	21"	180	VFD	2	3.1
090PT	MF2-04	HANGING	MCP-5		9' - 0"	9' - 0"	8.8'	39"	21"	21"	150	VFD	2	3.1
TRANSPORT	MF2-05	HANGING	MCP-5	-21°	9' - 0"	4' - 5 1/2"	29.0'	39"	21"	21"	120	VFD/BRAKE	2	3.1
HSD	MF2-DIV	HANGING	MCP-5		9' - 0"	9' - 0"	6.0'	39"			0	VFD	2	3.1
INCLINED PLATE	MU2	FLOOR	MCP-5				167.5'				90			
	MU2-01											VFD or SOFT START	5	7.1
	MU2-02											VFD or SOFT START	5	7.1
090PT	NR1-01	HANGING	MCP-5		9' - 0"	9' - 0"	8.8'	39"	21"	21"	180	VFD	2	3.1
TRANSPORT	NR1-02	HANGING	MCP-5		9' - 0"	9' - 0"	43.8'	39"	21"	21"	150	VFD	2	3.1
045PT	NR1-03	HANGING	MCP-5		9' - 0"	9' - 0"	4.4'	39"	21"	21"	210	VFD	2	3.1
QUEUE	NR1-04	HANGING	MCP-5		9' - 0"	9' - 0"	5.9'	39"	21"	21"	210	VFD	2	3.1
045PT	NR1-05	HANGING	MCP-5		9' - 0"	9' - 0"	4.4'	39"	21"	21"	210	VFD	2	3.1
TRANSPORT	NR1-06	HANGING	MCP-5	-21°	9' - 0"	2' - 10"	25.0'	39"	21"	21"	120	VFD/BRAKE	2	3.1
LOAD/UNLOAD	NR1-07	FLOOR	MCP-5		2' - 8"	2' - 8"	12.0'	39"	0"	0"	90	VFD	2	3.1
FIRE/SECURITY DOOR	NR1-SD													

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REVISION

NO.	DESCRIPTION	DATE

BID DOCUMENTS

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CLIENT

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

ABBREVIATIONS GENERAL NOTES AND DRAWING INDEX

SHEET NUMBER

BH0.IS.01

4/6/2022 8:09:37 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

1 PLAN VIEW-EXISTING SYSTEM OVERALL
1/8" = 1'-0"

4/8/2022 8:09:39 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

PLAN VIEW - EXISTING / DEMO MU ROOM

SHEET NUMBER

BH1.0.00

1 PLAN VIEW-NEW SYSTEM OVERALL
1/8" = 1'-0"

4/6/2022 8:00:42 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

PLAN VIEW - NEW SYSTEM OVERALL LAYOUT

SHEET NUMBER

BH1.1.00

1 Overall Area - 3D

4/6/2022 8:59:59 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

3D VIEW - NEW SYSTEM OVERALL LAYOUT

SHEET NUMBER

BH1.1.01

1 PLAN VIEW-CL2 CL3 AND MF1 DETAIL
1/4" = 1'-0"

2 PLAN VIEW-NO READ DETAIL
1/4" = 1'-0"

4/6/2022 8:10:02 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

PLAN VIEW - CL2 CL3 AND MF1 DETAIL LAYOUT

SHEET NUMBER

BH1.1.02

1 PLAN VIEW-MF2 AND MU2 DETAIL
1/4" = 1'-0"

4/8/2022 8:10:04 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

PLAN VIEW - MF2 AND MU2 DETAIL LAYOUT

SHEET NUMBER

BH1.1.03

PHASE 1
Install new makeup unit MU2. Install new belt conveyor from CL2-10 to NR1-07. Install new MF2 conveyor plus MF1-01 and MF1-02. (BH2.1.01). Install the new MCP, power and field wiring associated with the new conveyors in this phase and functionally test the new conveyors to extent possible. Existing CL2 and CL3 conveyors and MU1 remain unchanged and in use as designed during Phase 1.

LEGEND:

COMPONENTS TO BE DEMOLISHED

COMPONENTS TO BE INSTALLED

EXISTING COMPONENTS

NEW INSTALLED COMPONENTS

1 PHASE 1
1/8" = 1'-0"

4/8/2022 8:10:07 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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DAG ARCHITECTS

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REVISION

NO.	DESCRIPTION	DATE

BID DOCUMENTS

NOT RELEASED FOR CONSTRUCTION

CLIENT

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

BHS PLAN PHASE 1

SHEET NUMBER

BH2.1.01

PHASE 2a1
Route all bags in CBIS from the SS1/SS2 vertical sorters through the AL1/AL2 lines.

1 ECP EXIST AL
1/2" = 1'-0"

4/6/2022 8:10:08 AM BIM 360://21215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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DAG ARCHITECTS

ZHA

REVISION

NO.	DESCRIPTION	DATE

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Office: 352-383-2600

BID DOCUMENTS

NOT RELEASED FOR CONSTRUCTION

CLIENT

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

BHS PLAN PHASE 2a1

SHEET NUMBER

BH2.1.02

PHASE 2a2
Program OSR1 vertical sorter (AL2-11) to clear all bags that have passed Level 1 EDS to CL3 line.

1 ECP EXIST CL
1/2" = 1'-0"

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NO.	DESCRIPTION	DATE

JSM & Associates
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Office: 352-383-2600

BID DOCUMENTS

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CLIENT

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

NO. 210211

ISSUE DATE

03/25/2022

DRAWING TITLE

BHS PLAN PHASE 2a2

SHEET NUMBER

BH2.1.03

PHASE 2a3
Demo existing CL2-07 through CL2-09 and catwalk
Install new CL2-07 and hang CL2-08.

LEGEND:

COMPONENTS TO BE DEMOLISHED

COMPONENTS TO BE INSTALLED

EXISTING COMPONENTS

NEW INSTALLED COMPONENTS

1 PHASE 2a3-1
1/8" = 1'-0"

2 PHASE 2a3-2
1/8" = 1'-0"

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DRAWING TITLE

BHS PLAN PHASE 2a3

SHEET NUMBER

BH2.1.04

PHASE 2b
Prepare hangers for CL2-09 and ATR. Prepare conduit and field wiring for the new CL2-08, CL2-09, CL3-10 through CL3-13 conveyors and the ATR.

LEGEND:

COMPONENTS TO BE DEMOLISHED

COMPONENTS TO BE INSTALLED

EXISTING COMPONENTS

NEW INSTALLED COMPONENTS

1 PHASE 2b
1/8" = 1'-0"

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BHS PLAN PHASE 2b

SHEET NUMBER

BH2.1.05

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PHASE 2c
OVERNIGHT! Demo existing CL3-10. Install new CL2-09 and ATR. Connect CL2-08. Install new CL3-10 through CL3-13 (queues, power turn and merge). Test

PHASE 2d
Return CBIS to original programming. Test and turn over to airport. All bags will route to MU2.

LEGEND:

COMPONENTS TO BE DEMOLISHED

COMPONENTS TO BE INSTALLED

EXISTING COMPONENTS

NEW INSTALLED COMPONENTS

1 PHASE 2c1
1/8" = 1'-0"

2 PHASE 2c2
1/8" = 1'-0"

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DRAWING TITLE

BHS PLAN PHASE 2c&d

SHEET NUMBER

BH2.1.06

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PHASE 3
Demo remaining existing CL3 conveyor. Install MF1-03 through MF1-05. Test sortation system per designated sort plan. Turn over system to airport.

LEGEND:

COMPONENTS TO BE DEMOLISHED

COMPONENTS TO BE INSTALLED

EXISTING COMPONENTS

NEW INSTALLED COMPONENTS

1 PHASE 3a
1/8" = 1'-0"

2 PHASE 3b
1/8" = 1'-0"

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DRAWING TITLE

BHS PLAN PHASE 3

SHEET NUMBER

BH2.1.07

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1 CL3-10 thru CL3-13
1/4" = 1'-0"

2 CL2-07 and CL2-08
1/4" = 1'-0"

3 CL2-08 thru CL2-12
1/4" = 1'-0"

4 CL2-12, CL2-13 and NR1-01
1/4" = 1'-0"

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ISSUE DATE

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DRAWING TITLE

ELEVATION VIEWS- NEW CONVEYOR

SHEET NUMBER

BH4.1.01

4/6/2022 8:10:25 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

2 MF1-01 thru MF1-04 and MU1
1/4" = 1'-0"

3 MF1-04 and MF1-05 and MU1
1/4" = 1'-0"

1 NR1-01 thru NR1-04 (INTERIOR)
1/4" = 1'-0"

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DRAWING TITLE

ELEVATION VIEWS- NEW CONVEYOR

SHEET NUMBER

BH4.1.02

3 NR1-01 thru NR1-04 (EXTERIOR)
1/4" = 1'-0"

1 MF2-01 thru MF2-04 and MU2
1/4" = 1'-0"

2 MF2-04 and MF2-05 and MU2
1/4" = 1'-0"

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DRAWING TITLE

ELEVATION VIEWS- NEW CONVEYOR

SHEET NUMBER

BH4.1.03

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CONTROL STATIONS

TYPE 1&2 : LOAD BELTS ALL LOCATIONS. OVERSIZE BUTTON ON TYPE 2 ONLY

TYPE 3: SECURITY/FIRE DOOR LOCATIONS

TYPE 4 : STANDARD FOR CONVEYOR LOCATIONS

TYPE 5: CLAIM/MAKEUP UNIT OPERATOR LOCATIONS

TYPE 6 : CLAIM/MAKEUP UNIT SERVICE LOCATIONS

TYPE 7 : IMAGE QUALITY TEST EDS ENTRANCE

TYPE 8 : IMAGE QUALITY TEST EDS EXIT

TYPE 10: CBRA AND OVERSIZED MANUAL REINSERTION LOCATIONS

TYPE 11: OVESIZED INSPECTION REMOVAL STATIONS

TYPE 12: LOCATED AT BAG INSPECTION STATIONS

BAG STATUS DISPLAY (BSD) : LOCATED AT EACH BAG INSPECTION TABLE (BIT). ADHERE TO PGDS V7 REQUIREMENTS. ESTOP RESET TO BE IMPLEMETNED AT CBRA SUPERVISORY CONTROL STATION.

COORDINATE FINAL CONTROL STATION LOCATIONS WITH OWNER/OPERATOR

CONTROL DEVICES LEGEND

- TWO POSITION SELECTOR-SWITCH
- ILLUMINATED PUSHBUTTON UNIT
- ILLUMINATED INDICATOR LIGHT
- PUSHBUTTON UNIT
- MUSHROOM HEAD EMERGENCY STOP ILLUMINATED PUSH AND PULL RELEASE UNIT
- AUDIBLE ALARM
- KEY SWITCH

CONTROL PANEL OPERATOR ABBREVIATIONS

R - RED, A - AMBER, G - GREEN, Y - YELLOW

W - WHITE, B - BLACK, BL - BLUE, GY - GRAY

MOTOR CONTROL PANELS FOR MAIN 480V POWER FEED, FUSING, LOW VOLTAGE TRANSFORMERS, PLC AND I/O MODULES, MOTOR STARTERS, VFDS, RELAYS, OIT AND ALL OTHER CONTROL RELATED HARDWARE. FINAL SIZING AND INTERNAL DESIGN IS THE RESPONSIBILITY OF THE BHS CONTRACTOR.

MCP-IB##
TC##-##/##
SD/TC###-##
###-##/##

01 SUBSYSTEM - UNIT NUMBERS AND MAJOR DEVICES CONTROLLED BY THIS MCP. 5" x 8" LABEL, TEXT 1 1/4", 1/4"

MFG.
MAIN INCOMING VOLTAGE:
PHASE:
FREQUENCY:
DISCONNECT AMPS:
TOTAL EQUIPMENT FLA:
LARGEST MOTOR FLA:
SCCR:
DRAWING NO.:
SERIAL NO.:
ENCLOSURE UL TYPE:
UL FILE NO:

02 MCP INFORMATION - MCP ID AND ELEC FEED SERVICE TO MCP. 3 1/8" x 8" WIDE LABEL, TEXT 1/8", 1/4"

POWER SOURCE
PANEL ID:
CIRCUIT ID:

03 POWER SOURCE IDENTIFICATION

LB3D
WARNING
ARC FLASH and SHOCK HAZARD
DO NOT OPEN DOORS OR REMOVE COVERS WITHOUT FOLLOWING THE PROPER PROCEDURES AND THE SAFE WORK PRACTICES AND PPE.
FAILURE TO HEED THIS WARNING MAY RESULT IN SEVERE INJURY OR DEATH.
H6010-T73WHPJ

LB3E
WARNING
HAZAROUS VOLTAGE
MULTIPLE POWER SOURCES MAY BE PRESENT.
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
H6010-61WHPJ

LB3A
WARNING
HAZARDOUS VOLTAGE
FOLLOW LOCKOUT PROCEDURE BEFORE SERVICING.
H6010-19WHPJ

LB3B
WARNING
SHOCK HAZARD
PROTECTION BOUNDARIES
SHOCK HAZARD 480VAC
LIMITED: 42 INCHES
RESTRICTED: 12 INCHES
C20080-09

LB3C
WARNING
RISK OF ELECTRIC SHOCK.
CONTROL CIRCUIT YELLOW WIRING IS STILL ENERGIZED WITH THE MAIN DISCONNECT OPEN (POWER OFF).
BEFORE SERVICING THIS AREA DE-ENERGIZE YELLOW WIRED POWER SOURCES.
H6010-B4TWHPJ

04 ELECTRICAL WARNING LABLES AS REQUIRED BY GOVERNING STANDARDS AND AUTHORITIES.

05 TYPE 09 CONTROL STATION: MCP DOOR LOCATIONS

06 BEACON AND AUDIBLE ALARM FOR FAULT, STARTUP AND ESTOP

07 MOTOR SCHEDULE. LOCATED ON INSIDE OF PANEL.

08 U/L LISTING LABEL WITH NUMBER

09 Touch Screen Panel PC (Panelveiw). Programmed to provide standalone maintenance diagnostic system.

ALARMS AND BEACONS

AL TYPE 1
MCP AND REMOTE LOCATION STACK LIGHT/AUDIBLE ALARM: ACTIVATED FOR E-STOPS, FAULTS AND START-UPS.

AL TYPE 2
CLAIM AND MAKEUP STACK LIGHT/AUDIBLE ALARM: ACTIVATED FOR FAULT AND STARTUP CONDITIONS.

NOTE: USE ADJUSTABLE DECIBELS AND TONE TYPE IN TSA AND PUBLIC AREAS. COORDINATE WITH TSA

1 ELECTRICAL DEVICE STANDARDS
12" = 1'-0"

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DRAWING TITLE

ELECTRICAL DEVICE STANDARDS

SHEET NUMBER

BH5.1.00

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1 CL2 CL3 AND MF1 ELECTRICAL
1/4" = 1'-0"

2 NR1 ELECTRICAL
1/4" = 1'-0"

FOR FIELD DEVICE TYPES
REFER TO SHEETS BH5.1.00

LEGEND:

PE-1 CASCCADE STOP/JAM PHOTOEYE
PE-2 DOOR OBSTRUCTION PHOTOEYE
PE-3 OVERHEIGHT DETECTION PHOTOEYE
PE-4 MERGE WINDOW PHOTOEYE
PE-5 DOOR OPEN PHOTOEYE
PE-6 DOOR CLOSED PHOTOEYE

CS-1 UNLOAD BELT CONTROL STATION
CS-2 LOAD BELT W/OS CONTROL STATION
CS-3 DOOR CONTROL STATION
CS-4 STANDARD CONVEYOR SONTROL STATION

LEGEND (SYMBOLS):

- PE (PHOTOEYE)
- PE (DOOR OPEN / CLOSE)
- CS (CONTROL STATION)
- MSD (MOTOR SAFETY DISCONNECT)
- LS (LIMIT SWITCH)
- ENC (SHAFT ENCODER)
- SACR (SECURITY ACCESS CARD READER)
- BEACON / AUDIBLE ALARM
- STANCHION MOUNTED

ESTOP ZONES:

- CL2 ESTOP (1)
- CL2 / NR1 ESTOP (2)
- CL3 ESTOP (1)
- MF1 ESTOP (1)
- MU1 ESTOP (1)
- MF2 ESTOP (1)

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DRAWING TITLE

ELECTRICAL PLAN VIEW - CL2 CL3 AND MF1

SHEET NUMBER

BH5.1.01

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1 MF2 AND MU2 ELECTRICAL
1/4" = 1'-0"

LEGEND:

PE-1 CASCCADE STOP/JAM PHOTOEYE
PE-2 DOOR OBSTRUCTION PHOTOEYE
PE-3 OVERHEIGHT DETECTION PHOTOEYE
PE-4 MERGE WINDOW PHOTOEYE
PE-5 DOOR OPEN PHOTOEYE
PE-6 DOOR CLOSED PHOTOEYE

CS-1 UNLOAD BELT CONTROL STATION
CS-2 LOAD BELT W/OS CONTROL STATION
CS-3 DOOR CONTROL STATION
CS-4 STANDARD CONVEYOR SONTROL STATION

LEGEND (SYMBOLS):

- PE (PHOTOEYE)
- PE (DOOR OPEN / CLOSE)
- CS (CONTROL STATION)
- MSD (MOTOR SAFETY DISCONNECT)
- LS (LIMIT SWITCH)
- ENC (SHAFT ENCODER)
- SACR (SECURITY ACCESS CARD READER)
- BEACON / AUDIBLE ALARM
- STANCHION MOUNTED

ESTOP ZONES:

- MF2 ESTOP (1)
- MU2 ESTOP (1)

GENERAL NOTES:

THE CONTRACTOR SHALL INSTALL A NEW REMOTE I/O AND POWER FEED MCP FOR THE NEW AND MODIFIED CONVEYORS.

CONTRACTOR SHALL INTEGRATE NEW MCP, FIELD DEVICES AND I/O INTO EXISTING PLC CONTROL SYSTEM.

THE CONTRACTOR SHALL UPDATE THE EXISTING MIS/MDS REPORTING AND GRAPHICS.

THE CONTRACTOR SHALL PROVIDE SOFTWARE OPERATOR INTERFACE TO ASSIGN CARRIERS TO MAKEUP UNITS.

FOR FIELD DEVICE TYPES REFER TO SHEETS BH5.1.00

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ELECTRICAL PLAN VIEW - MF2 AND MU2

SHEET NUMBER

BH5.1.02

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1 OPENING DETAIL (CL2 / CL3)
1" = 1'-0"

2 OPENING DETAIL (CL3)
1" = 1'-0"

3 OPENING DETAIL (CL2)
1" = 1'-0"

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SECTIONS AND DETAILS (MAKEUP AREA OPENINGS)

SHEET NUMBER

BH6.1.00

4/8/2022 8:10:36 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 \\v2021\JSM_ECP_BHS_R21.rvt

1 ATR DETAIL VIEW (FRONT)
1" = 1'-0"

2 ATR DETAIL VIEW (SIDE)
1" = 1'-0"

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SECTIONS AND DETAILS (ATR)

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BH6.1.01

4/8/2022 8:10:37 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

1 MAKEUP FEED DETAIL VIEW (SIDE)
1" = 1'-0"

2 MAKEUP FEED DETAIL VIEW (FRONT)
1" = 1'-0"

4/8/2022 8:10:39 AM BIM 360://210215 NFBIA - Baggage Makeup Expansion - Task #1 (v2021)/JSM_ECP_BHS_R21.rvt

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BID DOCUMENTS

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CLIENT

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT (ECP)

NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

PROJECT TITLE

PANAMA CITY AIRPORT NWFBIA:

OUTBOUND BAGGAGE EXPANSION

6300 W Bay Pkwy,
Panama City, FL 32409

PROJECT NUMBER

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SECTIONS AND DETAILS (MAKEUP TRANSFER)

SHEET NUMBER

BH6.1.02

1 TUG CLEARANCE AT CL2-12 thru NR1-01
1/2" = 1'-0"

2 TUG CLEARANCE AT CL2-11 and CL2-12
1/2" = 1'-0"

3 TUG CLEARANCE AT CL2-07 and CL2-08
1/2" = 1'-0"

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SECTIONS AND DETAILS (TUG CLEARANCE AREAS)

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BH6.1.03

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GENERAL NOTES:

1. ALL STRUCTURAL SHAPES AND PLATE (I, C, TS, L, BAR, ETC.) TO HAVE EQUAL STRENGTH OR BETTER THAN A36 MATERIAL.
2. ALL Ø3/4"-10 THREADED ROD TO HAVE EQUAL STRENGTH OR BETTER THAN A36 MATERIAL.
3. ALL BOLTS TO BE EQUAL TO GRADE 5 OR STRONGER, UNLESS OTHERWISE NOTED (UON).
4. ALL WELDS TO BE CLEANED TO SSPC-SP1, SP2 AND PAINTED MIN. OF 2MILS FINISH.
5. ALL WELDS TO BE DONE WITH E70XX ELECTRODES OR AWS RECOGNIZED EQUAL STRENGTH.
6. ALL ANCHORS MUST BE INSTALLED ACCORDING TO MANUFACTURER'S PROCEDURES. PROVIDE ANCHORS PER JOB SPECIFICATION 14540. NO SUBSTITUTIONS ALLOWED FOR ANCHOR BOLTS
7. ALL STRUCTURAL SUPPORTS SHALL BE DESIGNED BY A LICENSED PE AND APPROVED BY THE AIRPORT ENGINEER PRIOR TO INSTALLATION.
8. ALL CONNECTIONS TO THE EXISTING STRUCTURE SHALL BE PROVIDED WITH SOUND AND VIBRATION ISOLATION.
9. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

1 STANDARD SUPPORT HANGERS (01)
12" = 1'-0"

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SECTIONS AND DETAILS (SUPPORT HANGERS)

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BH6.1.04

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1 STANDARD SUPPORT HANGERS (02)
12" = 1'-0"

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1 STANDARD SUPPORT HANGERS (03)
12" = 1'-0"

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BH6.1.06

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1 IMPACT PROTECTION
12" = 1'-0"

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SECTIONS AND DETAILS (IMPACT PROTECTION)

SHEET NUMBER

BH6.1.07

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GENERAL NOTES

1. CONNECT THE CONVEYORS TO NEW STEEL FRAME AREAS BY MEANS OF BEAM CLAMPS SIZED FOR THE BOTTOM FLANGE OF THE BEAM USE A 5/8" DIA. ROD BEAM CLAMP.

2. CONNECTING TO THE EXISTING CONCRETE STRUCTURE USING EITHER A HILTI "KWIK BOLT" OR RAWLING "RAWL-STUD" AS FOLLOWS:

- 1000 LBS LOAD - USE 3/8" DIA. (MIN.) WITH 2 1/2" (MIN.) EMBEDMENT
- 1500 LBS LOAD - USE 1/2" DIA. (MIN.) WITH 3 1/2" (MIN.) EMBEDMENT
- 2000 LBS LOAD - USE 5/8" DIA. (MIN.) WITH 4" (MIN.) EMBEDMENT

ALL WITH A MIN. SPACING OF 12"

1 FLOOR SUPPORTS
12" = 1'-0"

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SECTIONS AND DETAILS (FLOOR SUPPORTS)

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BAGGAGE CONVEYOR LOADS:

1. THE CONVEYOR ATTACHMENT METHODS REPRESENTED ON THESE DRAWINGS ARE FOR REFERENCE ONLY. THE BAGGAGE HANDLING SYSTEM CONTRACTOR IS REQUIRED TO SUBMIT CONVEYOR ATTACHMENT DETAILS INCLUDING LOADING CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF INSTALLATION.

2. ALL STRUCTURAL DESIGNS AND ATTACHMENTS SHALL COMPLY WITH ALL STATE, LOCAL AND NATIONAL GOVERNING CODES AND REGULATIONS. ALL CONVEYOR EQUIPMENT SHALL BE CAPABLE OF SUPPORTING A SINGLE CONCENTRATED LOAD OF 250 LBS.

3. THE CONTRACTOR SHALL INCLUDE VIBRATION ISOLATORS AS PART OF THE BASE BID. THE CONTRACTOR SHALL IDENTIFY A UNIT COST TO ADD INDIVIDUAL VIBRATION ISOLATORS TO SELECTED CONVEYORS DURING THE ENGINEERING PHASE. THE LIVE LOAD TO BE UTILIZED FOR SIZING DRIVES, BELTS, BEARINGS, ETC., SHALL BE 60 LBS/LIN. FT. FOR LOAD-ACCUMULATING, INDEXING AND RUN-OUT CONVEYORS, 40 LBS/LIN FT. AT A CONVEYOR SPEED OF 90 FPM ADJUSTED PROPORTIONAL TO SPEED OF ALL OTHER CONVEYORS WITH RESPECT TO FLOW RATE. NO VIBRATION ISOLATORS ON MERGES.

BHS SUPPORT ATTACHMENT:

1. WHEN CONNECTING TO BUILDING STEEL, USE BEAM CLAMPS SIZED FOR THE BOTTOM FLANGE OF THE BEAM. USE A (MIN.) 3/4" DIA. THREADED ROD FOR HANGING SUPPORT.

2. WHEN CONNECTING TO THE CONCRETE STRUCTURE, USE EITHER A HILTI "KWIK BOLT" OR RAWLING "RAWL-STUD" IN SHEAR FOLLOWS: 1000 LBS LOAD, USE MIN. 3/8" DIA. WITH 2-1/2" EMBEDMENT (MIN); 1500 LBS LOAD, USE MIN. 1/2" DIA. WITH 3-1/2" EMBEDMENT (MIN); 2000 LBS LOAD USE MIN. 5/8" DIA. WITH 4" EMBEDMENT (MIN). SPACING 4" WITH 8" EDGE DISTANCE. USE ONLY THE TOP 1/3 SECTION WHEN ATTACHING TO ANY OF THE CONCRETE STRUCTURES.

MAINTENANCE PLATFORM GENERAL NOTES:

1. THE MAINTENANCE PLATFORMS AND WALKWAYS THAT ARE SHOWN ON THESE DRAWINGS ARE INTENDED FOR REFERENCE AS TYPICAL EXAMPLES OF WHERE PLATFORMS AND WALKWAYS ARE TO BE PROVIDED AND THE APPROXIMATE CONFIGURATION.

2. PROVIDE AND INSTALL MAINTENANCE PLATFORMS FOR MAINTENANCE PERSONNEL ACCESS TO THE ENTIRE BAGGAGE HANDLING SYSTEM AT ALL MAINTENANCE POINTS AND POTENTIAL BAGGAGE JAM LOCATIONS. PROVIDE AND INSTALL LADDERS TO ALLOW ACCESS TO ALL PLATFORMS.

3. SYSTEM MAINTENANCE AND POTENTIAL BAG JAM LOCATIONS INCLUDE BUT ARE NOT LIMITED TO:
   a. MOTOR/DRIVE LOCATIONS
   b. BAG DIMENSION DEVICES
   c. TAG READER ARRAYS
   d. ENTRANCE, EXIT AND DRIVE LOCATIONS ON POWER TURNS

4. SEE SPECIFICATIONS FOR MAINTENANCE PLATFORMS AND WALKWAYS REQUIREMENTS AND CRITERIA.

LOADING DIAGRAM NOTES:

1. FOR DESIGN PURPOSES, THE FOLLOWING LOADS WERE SUPPLIED TO THE STRUCTURAL ENGINEER, FOR USE IN DETERMINING THE LOADS (STATIC AND DYNAMIC COMBINES) GENERATED BY THE CONVEYOR EQUIPMENT. DURING THE BIDDING PERIOD, PROVIDE AND IDENTIFY ANY CONVEYOR EQUIPMENT LOADING REQUIREMENTS MORE STRINGENT THAN WHAT IS SHOWN IN THESE DOCUMENTS THAT MAY AFFECT EQUIPMENT CONNECTIONS TO THE BUILDING STRUCTURE.

STANDARD CONVEYOR BED SECTION	100 LBS/LIN. FT.
OS CONVEYOR BED SECTION AND MERGES	150 LBS/LIN. FT.
CONVEYOR DRIVE	1000 LBS EA.
MINI CONVEYOR DRIVE	850 LBS EA.
POWER TURN 45°	925 LBS EA.
POWER TURN 90°	1300 LBS EA.
POWER TURN 180°	2500 LBS EA.
PLATFORM	65 LBS/SQ FT.
MAKE-UP DEVICE	200 LBS/LIN. FT.

2. THE CONVEYOR SUPPORT POINT LOADING PLACEMENT AND CONFIGURATION SHOWN IS REPRESENTATIVE OF ONE POSSIBLE CONFIGURATION. THIS DIAGRAMMATIC VIEW IS PROVIDED FOR USE BY THE STRUCTURAL ENGINEER IN DETERMINING ALL LOADS IMPOSED BY THE NEW BAGGAGE EQUIPMENT AND ASSOCIATED SERVICES. OTHER CONFIGURATIONS MAY BE PROVIDED.

3. PROVISION OF THE BAGGAGE EQUIPMENT CONTRACTOR SHALL PROVIDE SPECIFIC DETAIL SUPPORT DESIGN FOR ALL BUILDING STRUCTURE CONNECTIONS AND ALL VERTICAL SUPPORT MEMBER CONNECTIONS TO FLOOR SLAB AND BUILDING STRUCTURE.

4. THE FINAL STRUCTURAL SUPPORT DESIGN SOLUTION IS THE RESPONSIBILITY OF THE BAGGAGE EQUIPMENT CONTRACTOR AND SHALL BE COORDINATED WITH AND APPROVED BY THE BHS CONTRACTOR'S PROFESSIONAL PROJECT ENGINEER.

5. THE BAGGAGE EQUIPMENT SUPPLIER IS RESPONSIBLE FOR THE DESIGN AND STRUCTURAL INTEGRITY OF ALL BOLTS, HANGERS, SUPPORT MEMBERS, ETC., AND SHALL PROVIDE ALL NECESSARY MATERIALS REQUIRED FOR INSTALLATION.

SYMBOL DESCRIPTION

CEILING-SUPPORTED CONVEYOR SILL ASSEMBLY (TYP. +7'-6" AND ABOVE)

FLOOR-SUPPORTED CONVEYOR PEDESTAL ASSEMBLY (TYP. +7'-6" AND BELOW)

CONCENTRATED POINT LOAD (AT SUPPORT LOCATIONS)

DETAIL PLAN - SINGLE LEVEL CONVEYOR SUPPORT

SCALE: N.T.S.

DETAIL PLAN - SINGLE LEVEL CONVEYOR SUPPORT WITH PLATFORM

SCALE: N.T.S.

DETAIL PLAN - HIGH SPEED DIVERTER WITH 45° TAKE AWAY CONVEYOR

SCALE: N.T.S.

DETAIL PLAN - SUPPORT LOAD FOR CONVEYOR MERGE

SCALE: N.T.S.

DETAIL PLAN - POWER TURNS STANDARD SUPPORT

SCALE: N.T.S.

DETAIL ELEV - POWER TURN HANGER SUPPORT

SCALE: N.T.S.

1 POINT LOADS
1/4" = 1'-0"

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1 LEVEL 1 - JSM CATWALK
1/4" = 1'-0"

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PLAN VIEW-CATWALK LAYOUT

SHEET NUMBER

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