

SECOND AMENDMENT TO CONTRACT DA-5507
BETWEEN THE CITY OF LOS ANGELES AND HENSEL PHELPS CONSTRUCTION CO
FOR THE
T4 BAGGAGE HANDLING SYSTEM PROJECT
AT LOS ANGELES INTERNATIONAL AIRPORT

THIS SECOND AMENDMENT to Contract No. DA-5507, made and entered into this ____ day of _____, 2022, by and between the CITY OF LOS ANGELES (“City”), a municipal corporation, acting by order of and through its Board of Airport Commissioners (“Board”), and HENSEL PHELPS CONSTRUCTION CO. (“Design/Builder”),

RECITALS

WHEREAS the City’s Department of Airports known formally as Los Angeles World Airports (“LAWA”) is responsible for the management and administration of this Contract, and

WHEREAS, the Board awarded Contract DA-5507 for Design/Build services and Construction of the Project on May 20, 2021; and

WHEREAS, the Board approved the First Amendment to Contract DA-5507 on October 7, 2021 to increase the total Contract amount from \$10,000,000 to \$47,327,536.

WHEREAS, the parties desire to amend Contract DA-5507 again to increase the total Contract Amount from \$47,327,536 to \$171,459,012.00 subject to change order authority.

NOW THEREFORE, In consideration of the premises, and of the terms, covenants and conditions hereinafter contained to be kept and performed by the respective parties hereto, IT IS MUTUALLY AGREED that Contract DA-5507 be amended as follows:

Sec. 1.0 Incorporation by Reference

Section 1.0 of Contract DA-5507, is amended and restated in its entirety to read:

“It is expressly understood and agreed that this Contract Agreement together with the General Conditions, Special Conditions, Project Requirements, Bonds, Insurance, Administrative Requirements, Exhibit A (which includes GMP#2 Complete T4 BHS Scope of Work Submission dated January 28, 2022), Exhibit B, and Exhibit C (hereinafter referred to as the "Contract Documents") and any document referenced in said documents, are hereby incorporated by this reference as though specifically set forth herein and shall constitute, and are hereby made, a part of this Contract, and each of the parties does hereby expressly covenant and agree to carry out and fully perform each and all of the provisions of said documents upon its part to be performed.”

Sec. 2.0 Scope of Work

Section 2.1 of Contract DA-5507, is amended and restated in its entirety to read:

“Design/Builder agrees to furnish all labor, materials, equipment, tools and supervision to perform all work (hereinafter referred to as the “Work”) required as outlined in the Contract Documents hereto, to completely provide the Design and Construction of a new baggage handling system in Terminal 4. This includes relocations of the manual encode and control rooms; new ticketing and baggage claim systems; the replacement of the make-up sortation system; and baggage transfer lines between Terminals 4 and 5. LAWA will authorize the program in three phases: Phase 1 – Initial Planning and Early Works; Phase 2 – Early BHS Work; and Phase 3 – Complete GMP as per Exhibit A. All this work shall be performed in full coordination with American Airline’s Terminal Modernization Program.”

Sec. 3.0 Term of Contract

Section 3.0 of Contract DA-5507, is amended and restated in its entirety to read:

“Notwithstanding any other provision herein, the term of this Contract Agreement shall commence on the date of issuance by LAWA to Design/Builder of a Notice to Proceed and expire no later than seven years from said date, and subject to other termination provisions contained within the Contract Documents. The term of this Contract Agreement may be extended by the Board of Airport Commissioners (BOAC) subject to approval by the Los Angeles City Council.”

Sec. 4.0 Contract Amount

Section 4.0 of Contract DA-5507, is amended and restated in its entirety to read:

“For all labor, all materials, all equipment and all services rendered, for all costs direct or indirect, and for all expenses incurred by Design/Builder pursuant to this Contract, and upon satisfactory completion of said Project in a final finished form consistent with the intent of the Contract Documents, the amount that LAWA may pay to the Design/Builder under the terms of this Contract, is Not-to-Exceed (NTE) One Hundred Seventy One Million, Four Hundred Fifty Nine Thousand, Twelve Dollars and Zero Cents (\$171,459,012.00). The basis for billings and payment under this contract shall be pursuant to the Contract Documents and payment procedures outlined in the General Conditions.”

It is understood and agreed by and between the parties hereto that, except as specifically provided herein, this Second Amendment shall not, in any manner, alter, change, modify or affect any of the rights, privileges, duties or obligations of either of the parties hereto under or by reason of said Contract No. DA-5507.

IN WITNESS WHEREOF, the parties hereto have made and executed this Second Amendment on the day and year first above written.

APPROVED AS TO FORM
Michael N. Feuer, City Attorney

CITY OF LOS ANGELES


Date: 3/7/22

By: _____
Chief Executive Officer
Los Angeles World Airports

By: 
Deputy City Attorney

By: _____
Chief Financial Officer
Los Angeles World Airports

ATTEST:
By: 
Secretary (Signature)
MICHAEL VERRASTRO
Print Name

HENSEL PHELPS CONSTRUCTION CO.
By: 
Signature
DAMIAN BUESSING
Print Name
VICE PRESIDENT
Print Title



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TERMINAL 4

BAGGAGE HANDLING SYSTEMS

400 World Way

Los Angeles, CA 90045



GMP #2

Complete T4 BHS Scope of Work Submission

January 28, 2022





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Executive Summary

**T4/T5 Baggage Handling System GMP
Executive Summary**

Owner: LAWA
Architect: PGAL

Drawing Date: 8/8/2021
Revision No: 90% Progress Set

| ITEM | AREA | | UNIT COST | TOTAL |
|---|----------------|------------|-------------------|----------------------|
| Early Work Manual Encode & Preconstruction | 13,500 | GSF | \$2,422.92 | \$32,709,391 |
| Item #3A - BHS Early Work Temp T3 Belt | 3,500 | GSF | \$2,114.24 | \$7,399,832 |
| Item #3 - T4-3 Headhouse BHS | 18,667 | GSF | \$638.96 | \$11,927,286 |
| Item #4 - T4-8 BHS Headhouse Oversized | 5,000 | GSF | \$776.79 | \$3,883,945 |
| Item #5 - T4-8 Headhouse BHS | 37,333 | GSF | \$593.65 | \$22,162,934 |
| Item #6 - T4 Inbound Baggage Claim | 3,500 | GSF | \$2,833.12 | \$9,915,912 |
| Item #7 - T4/T5 4 Conveyor BHS Transfers | 17,886 | GSF | \$1,995.16 | \$35,685,431 |
| Item #8 - Bag Makeup 16 Piers | 52,500 | GSF | \$703.93 | \$36,956,393 |
| Item #10 T4.5 Core Extended Tug Bag Drop | 2,000 | GSF | \$1,248.61 | \$2,497,217 |
| Item #11 - Culvert Connector Conveyor | 5,000 | GSF | \$603.14 | \$3,015,695 |
| Project Total Guaranteed Maximum Price | 158,886 | GSF | \$1,045.74 | \$166,154,037 |

Owner Allowances

Unforeseen Conditions - \$3,182,985

Office Rent - \$2,121,990

Total Contract Value - \$171,459,012



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Clarifications & Assumptions

Terminal 4 Baggage Handling Systems (BHS) Upgrades

T4 BHS GMP #2– Complete T4 BHS Scope of Work

Clarifications and Assumptions

The following clarifications and assumptions pertain to the Terminal 4 Baggage Handling Systems (BHS) Upgrades Program for the complete T4 BHS Scope of Work at Los Angeles International Airport.

GMP BREAKDOWN

1. GMP #1 Phase 1: Initial Funding for Early Work and Early Design. Previously approved.
2. GMP #1 Phase 2: Manual Encode Scope of Work Including GMP #1 Phase 1. Previously approved.
3. GMP #2: Complete T4 BHS Scope of Work.

EXHIBIT BREAKDOWN

1. Exhibit 1 - LAX Terminal 4/5 Modernization Program Baggage Handling System Principles and Criteria, - with responses dated March 3, 2021.
2. Exhibit 2 - T4 BHS Gray List with LAWA's T4 BHS Rollout document dated 3/12/2021

GENERAL ITEMS

1. This budget represents the estimate for Los Angeles World Airports (LAWA) Terminal 4 Baggage Handling Systems (BHS) Upgrades phased program and includes the following scope and documents:
 - a. T4 Manual Encode Relocation with associated MCP and controls
 - b. T4 BHS Control Room Buildout
 - c. Drawings Terminal 4/5 Modernization Program 60% Design Package Volume VIII, Baggage dated 03/19/2021.
 - d. Design Build Progress drawings at 90% for Manual Encode Scope.
 - e. Project Technical Specifications, Division 34 – Baggage Handling System and as applies Volume I thru IV dated 03/19/2021.
 - f. LAX Terminal 4/5 Modernization Program Baggage Handling System Principles and Criteria, - with responses dated March 3, 2021- Exhibit #1
 - g. Per American Airlines T4/5 Program, LAWA Design and Construction Handbook (DCH) dated 2017 applies, the exception is the Baggage Handling System DCH 2019 applies.
2. Escalation due to market conditions is included in the scope of work.
3. LAWA will support the schedule requirements with regards to review of RFI's, submittals, design packages, subcontractor awards, change orders, and other administrative duties.
4. General conditions and general requirements (GC/GR) are scheduled for the work noted in the schedule exhibit.
3. The scope included is based on Exhibit 2 - T4 BHS Gray List with LAWA's T4 BHS Rollout document dated 3/12/2021. This is intended to specify the limits of work compared to the T4 Base Building construction and is included for reference.
5. Design
 - a. 0% - 30% excluded.
 - b. 30% - 100% PGAL/CAGE Included.
 - c. Siemens full design through 100% included.
6. Preconstruction services, field coordination/management, BIM coordination, fees, taxes, Insurance, building permits are include for this Scope of work.
7. Commissioning, testing and ORAT is included.
8. BHS IT Switch and Cabling from the MPOE Included.
9. Submittals and RFI's to be submitted and reviewed via ProjectSight. Each Submittal and RFI will be uploaded to LAWA Prolog for record only.
10. Subcontractor Change Orders to be reviewed and approved by Hensel Phelps w/ notification to LAWA of processed Change Orders that are within this GMP.
11. Any related construction costs that has not been designed yet (i.e. 60% to 100% / IFC design evolution) is included.

Terminal 4 Baggage Handling Systems (BHS) Upgrades

T4 BHS GMP #2– Complete T4 BHS Scope of Work

Clarifications and Assumptions

SCHEDULE ASSUMPTIONS

1. Budget is based on HP schedule; "T4 Baggage Summary Schedule" Data date 3/01/2021, print date 3/23/2021.
2. Hensel Phelps will coordinate the schedule and phasing based on American Airlines operational needs.
3. Basic holidays are included in the schedule as non-workdays including New Year's Day, President's Day, Easter Monday, Memorial Day, Independence Day, Labor Day, Veterans, Thanksgiving, and Christmas.

GENERAL REQUIREMENTS

1. For items incomplete or not well defined by the progress set of drawings and documents, we have included reasonable scope assumptions and we expect LAWA and the end users will collaborate and assist with designing to budget, as necessary.
2. For the duration of the project, the PMO office rent is prorated monthly from American Airlines. It is assumed that LAWA / American Airlines will provide field office space within the Terminal 4/5 footprint and all utility usage will be covered within the lease rates for the terminal. Buildout of field offices are to be minimal and not held to DCH standards. An allowance for Rent, Installation, Buildout, Water, Sewer, Power and other utility usage costs for PMO offices are included.
3. Throughout the duration of the program, HP will have 24-hour use of staging at various Gates and work areas that are identified within the proposal phasing diagram.
4. The budget includes costs for storing BHS materials at a local off-site warehouse.
5. Craft parking is assumed to be the responsibility of the subcontractors. A cost for project wide bussing or parking is not included. If parking restrictions are placed on parking, the project can expect a change order request for manpower lost time and travel expenses.
6. Post 23 & 236B is anticipated for use during construction, all cost to operate the post is by others.
7. Escorting on a limited basis for construction personnel is included in the Budget, primarily for airside deliveries. The Budget includes assisting subcontractor in the early stages of award and or delivery services who are not badged.
8. All items are assumed to be openly specified to allow competitive subcontractor and supplier bidding, and this estimate does not provide for sole-sourced products. The only exception is Brock Controls which has been sole sourced for the BHS Controls scope.
9. The budget is based on Hensel Phelps self-performed labor work to be to be invoiced at cost plus 10%, plus fee. Scope that is intended to be self-performed by Hensel Phelps includes but is not limited to clean up, fire watch, escorting, barricades, concrete, etc.
10. Cost for construction cleaning is included in the estimate.
11. Hazardous Material abatement and removal is excluded. Site survey of existing conditions is included.
12. Hensel Phelps has included \$54,000 to address coded corrections for existing structure and utilities to remain as part of the BHS scope within the Manual Encode. Budget is not intended to address LAWA requested code corrections.
13. Hensel Phelps General Conditions and General Requirements are to be cost plus fee. The included staffing rates are based on billing a full 173 hours per month and will increase each January by 2.8% for the duration of the program.
14. Hensel Phelps fee is 7%.
15. As-builts provided for each phase.

INDIRECTS AND RESERVES

1. Cost for testing and inspection services have been assumed as by the Owner, and therefore not included within this Budget, including but not limited to:
 - Material Testing
 - Structural Inspection
 - Commission Agent

Terminal 4 Baggage Handling Systems (BHS) Upgrades

T4 BHS GMP #2– Complete T4 BHS Scope of Work

Clarifications and Assumptions

- Third Party Testing
 - Special Inspection as identified in contract documents
2. Plan check and permit fee are included at 1.5% of the project cost.
 3. Additional Art and Advertising is excluded and assumed to be include within the permit fees.
 4. Contractor's Construction Contingency has been included at 15% based on the total Direct Cost of Work (excluding General Conditions, Indirects & Reserves, and Fees).
 5. Bond and Insurance Policy is based on the turnover and beneficial use of each phase of work, and not the overall program completion date
 6. The start of the Warranty period is based on the turnover and beneficial use of each phase of work, and not the overall program completion date
 7. It is expected that retention is released at the completion of the each phase, and not the overall program completion date

STRUCTURAL

1. It is assumed that the existing structure does not need upgrades to support the new conveyor or catwalk installation and can support the new loads. Supplemental support steel for BHS installation is included.

DEMOLITION

1. The budget only includes demolition to support the drawings noted above.

BAGGAGE HANDLING SYSTEMS

1. Bag portering budget is included to facilitate phasing and tie-in of the BHS.

FIRE PROTECTION

1. Pre-action systems required for permit are included in new BHS IT and new MCP room.

PLUMBING

1. For relocation of plumbing for ROW clearances, the Budget does not include replacement of existing plumbing systems that may be found to be defective, corroded, frozen, clogged, or non-code compliant.
2. Any existing underground plumbing lines that are in the vicinity of an excavation, shall be videoed prior to excavation to confirm its condition. If HP feels it has potential of damage due to earth disturbances, they shall notify LAWA for direction.

MECHANICAL

1. Existing remaining HVAC air systems will continue to be utilized during construction and no temporary HVAC is planned to be provided except where identified for phasing or required for critical spaces. No costs for the management of maintenance of the existing, or the addition of any interim HVAC Controls system in occupied future phase construction areas is included. Existing BMS is limited in capacity and no replacement parts are available.

ELECTRICAL

Terminal 4 Baggage Handling Systems (BHS) Upgrades

T4 BHS GMP #2– Complete T4 BHS Scope of Work

Clarifications and Assumptions

1. The budget includes feeders to the new MCP's.
2. Existing building power is assumed to be sufficient for the BHS system

GENERAL EXCLUSIONS

1. Pest control within the terminals.
2. Janitorial services within non-work areas (both existing and new construction areas) is excluded. We do not anticipate cleaning in or around (airside) of Terminal 4 & 5 utilized by AA operations or outside of HP's construction phase zone.
3. Utility consumption charges for temporary utilities (power, water, gas and sewer) both in the terminal and the laydown yard are assumed as part of the lease rates for the terminal, and therefore are not included within the GMP.
4. The current COVID-19 is having an impact on the supply chain for raw goods and materials. HP will be following all Center for Disease Control (CDC) recommendations as well as Federal, State and local policies. These policies could have an impact on the cost and availability of materials and finished products throughout our industry. This budget or schedule does not include any costs or lead time associated with these policies.
5. Westchester laydown for the duration of the project and the rent associated.
6. Realignment of existing BHS system beyond the cutover locations.
7. Relocation of building steel, ROW and MEP trades in existing building/areas to support the new BHS outside the defined scope.
8. All BHS outside the defined scope of work.
9. Design outside the defined scope of work.
10. PR-14 section Daily inspection reports.
11. Monthly As-builts



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Estimate Summary



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T4 Complete Scope of Work- Estimate Detailed Breakdown

T4/T5 Redevelopment Program - Headhouse Selection
Back-Up Estimate Detail

Owner: American Airlines
Architect: PGAL

Drawing Date: 5/29/2020
Revision No: Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|------|--------------|------------------|
| A - Item #2 - BHS Early Work - Manual Encoder Relocation | | | (13,500 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | | | | 0 |
| BHS Canopy spread footing (4'x4' 4EA) | 3.00 | 2 | 28 | CUYD | 810.00 | 22,680 |
| BHS canopy columns | 3.00 | 2 | 8 | CUYD | 1,800.00 | 14,400 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| A1010 Subtotal | | | | | 2.75 | 37,080 |
| A1020 - Special Foundations | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| A1020 Subtotal | | | | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| Floor Patching | 3.00 | 100 | 13,500 | SQFT | 1.00 | 13,500 |
| | | | | | | 0 |
| | | | | | | 0 |
| A1030 Subtotal | | | | | 1.00 | 13,500 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| A2010 Subtotal | | | | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| A2020 Subtotal | | | | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Fireproofing Patchback | 7.81 | 100 | 13,500 | SQFT | 5.50 | 74,250 |
| BHS Canopy | 5.50 | 2 | 1 | LSUM | 74,250.00 | 74,250 |
| | | | | | | 0 |
| | | | | | | 0 |
| B1010 Subtotal | | | | | 11.00 | 148,500 |
| B1020 - Roof Construction | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| B1020 Subtotal | | | | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| Canopy Over Corner w/ BHS Shell | 7.54 | 2 | 1 | LSUM | 25,000.00 | 25,000 |
| Canopy Over Corner Patch Back Existing Str | 9.22 | 2 | 1 | LSUM | 20,000.00 | 20,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| B2010 Subtotal | | | | | 3.33 | 45,000 |
| B2020 - Exterior Windows | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| B2020 Subtotal | | | | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| Exterior Doors | 8.44 | 100 | 1 | ALLW | 40,000.00 | Other |
| | | | | | | 0 |
| | | | | | | 0 |
| B2030 Subtotal | | | | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| B3010 Subtotal | | | | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| Non-Rated Walls | 9.21 | 100 | 246 | LNFT | 650.00 | 159,900 |
| Rated Walls | 9.21 | 100 | 269 | LNFT | 1,000.00 | 269,000 |
| Repair Shaft Walls | 9.21 | 100 | 1 | LSUM | 25,000.00 | 25,000 |
| CMU | 4.22 | 100 | 112 | LNFT | 1,000.00 | 112,000 |
| Design Completion - for Permit Compliance | 9.21 | 100 | 1 | LSUM | 50,000.00 | 50,000 |
| Relocate Existing Tenants Space Usage | 9.21 | 100 | 13,500 | SQFT | 38.00 | 513,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| C1010 Subtotal | | | | | 83.62 | 1,128,900 |
| C1020 - Interior Doors | | | | | | |
| Single 3'x7' - BHS Control, BHS IT, Electrical Room, Support Space | 8.12 | 100 | 12 | EACH | 3,500.00 | 42,000 |
| Double 6'x7' | 8.12 | 100 | 1 | EACH | 6,500.00 | 6,500 |
| | | | | | | 0 |
| | | | | | | 0 |
| C1020 Subtotal | | | | | 3.59 | 48,500 |
| C1030 - Specialties | | | | | | |
| Signage | 10.14 | 100 | 1 | LSUM | 5,000.00 | 5,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| C1030 Subtotal | | | | | 0.37 | 5,000 |
| C20 - STAIRS | | | | | | |
| C2010 - Stair Construction | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |

T4/T5 Redevelopment Program - Headhouse Selection
Back-Up Estimate Detail

Owner: American Airlines
Architect: PGAL

Drawing Date: 5/29/2020
Revision No: Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|---------------|------------------|
| A - Item #2 - BHS Early Work - Manual Encoder Relocation | | | (13,500 GSF) | | | |
| | | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | C2020 Subtotal | | 0.00 | 0 |
| C30 - INTERIOR FINISHES | | | | | | |
| C3010 - Wall Finishes | | | | | | |
| Wall Finishes - Paint | 9.91 | 100 | 15,800 | SQFT | 2.10 | 33,181 |
| Paint Door Frames - New and Existing | 9.91 | 100 | 1 | LSUM | 10,000.00 | 10,000 |
| | | | | | | 0 |
| | | | C3010 Subtotal | | 3.20 | 43,181 |
| C3020 - Floor Finishes | | | | | | |
| Floor Finishes - BSO Control - Tile, base | 9.65 | 100 | 204 | SQFT | 13.00 | 2,652 |
| Floor Finishes - Others - Clean Sealed Concrete | 9.65 | 100 | 13,296 | SQFT | 3.50 | 46,536 |
| Walkway Striping | 9.91 | 100 | 13,500 | SQFT | 1.50 | 20,250 |
| | | | | | | 0 |
| | | | C3020 Subtotal | | 5.14 | 69,438 |
| C3030 - Ceiling Finishes | | | | | | |
| BHS Control Room - ACT | 9.51 | 100 | 204 | SQFT | 18.00 | 3,672 |
| Open Ceiling Spaces - Undefined | 9.51 | 100 | 13,296 | SQFT | 5.00 | 66,480 |
| | | | | | | 0 |
| | | | C3030 Subtotal | | 5.20 | 70,152 |
| D10 - CONVEYING | | | | | | |
| D1010 - Elevators & Lifts | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | | |
| start description here | | | | | | 0 |
| | | | | | | 0 |
| | | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | | |
| Baggage Handling System (BHS) | | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | 34.01 | 100 | 7,750,000 | %K | 0.008 | 58,952 |
| Preconstruction - Design w/ BHS Contractor thru 2021 | 34.02 | 100 | 1 | LSUM | 1,698,126 | 1,698,126 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | 100 | 13,500 | SQFT | 23 | 307,125 |
| BHS Demo & Interm Operations | 34.01 | 100 | 1 | SUB | 26,250.00 | 26,250 |
| Manual Encode Step 1-3 (Option A or B) | 34.02 | 100 | 1 | SUB | 3,986,341.00 | 3,986,341 |
| MCP and Control Room Move | 34.02 | 100 | 1 | SUB | 2,500,000.00 | 2,500,000 |
| Specific Requirements By Operators | 34.01 | 100 | 1 | LSUM | 100,000.00 | 100,000 |
| Bag Portering | 60.60 | 100 | 5,000,000 | LSUM | 0.10 | 500,000 |
| Proprietary Adjustment | 34.01 | 100 | | | | 0 |
| Engineering & Design Completion | 34.01 | 100 | 1 | SUB | 387,500.00 | 387,500 |
| BHS canopy - shell over BHS | 34.02 | 2 | 1 | LSUM | 35,000.00 | 35,000 |
| | | | | | | 0 |
| | | | D1090 Subtotal | | 711.06 | 9,599,294 |
| D20 - PLUMBING | | | | | | |
| D2010 - Plumbing Fixtures | | | | | | |
| Plumbing | 22.00 | 100 | 13,500 | SQFT | 5.50 | 74,250 |
| | | | | | | 0 |
| | | | D2010 Subtotal | | 5.50 | 74,250 |
| D2020 - Domestic Water Distribution | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | |
| D3010 - Energy Supply | | | | | | |
| Provide HVAC equipment for new BHS Control Room and Electrical Room | 23.00 | 100 | 1 | LSUM | 200,000.00 | 200,000 |
| Provide Redundant HVAC equipment for new BHS Control Room and Electrical Room | | | | | | INC |
| | | | D3010 Subtotal | | 14.81 | 200,000 |
| D3020 - Heat Generating Systems | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | | |
| | | | | | | 0 |

T4/T5 Redevelopment Program - Headhouse Selection
Back-Up Estimate Detail

Owner: American Airlines
Architect: PGAL

Drawing Date: 5/29/2020
Revision No: Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL | |
|---|-------|--------|-----------------------|------|--------------|---------------|------------------|
| A - Item #2 - BHS Early Work - Manual Encoder Relocation | | | | | | | |
| | | | (13,500 GSF) | | | | |
| | | | - | - | - | 0 | |
| | | | D3030 Subtotal | | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | | | |
| Reconfigure existing ductwork that conflicts with new BHS runs | 23.00 | 100 | 1 | LSUM | 0.00 | INC | |
| Reconfigure existing ductwork in FIS area | 23.00 | 100 | 1 | LSUM | 300,000.00 | 300,000 | |
| Test, Adjust, Re-balance (TAB) | 23.00 | 100 | 1 | LSUM | 0.00 | INC | |
| Temp Cooling (AHU 4.4-9) | 23.00 | 100 | 1 | LSUM | 500,000.00 | 500,000 | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D3040 Subtotal | | | 59.26 | 800,000 |
| D3050 - Terminal & Package Units | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D3050 Subtotal | | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D3060 Subtotal | | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | | | |
| Test & Rebalance | 23.00 | 100 | 1 | LSUM | 9,000.00 | 9,000 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D3070 Subtotal | | | 0.67 | 9,000 |
| D3090 - Other HVAC Systems & Equipment | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D3090 Subtotal | | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | | |
| D4010 - Sprinklers | | | | | | | |
| Fire Protection System | 21.00 | 100 | 13,500 | SQFT | 18.00 | 243,000 | |
| Preaction System | 21.00 | 100 | 1 | LSUM | 100,000.00 | 100,000 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D4010 Subtotal | | | 25.41 | 343,000 |
| D4020 - Standpipe Systems | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D4020 Subtotal | | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D4030 Subtotal | | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D4090 Subtotal | | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | | |
| Electrical - Trace Circuits Existing IT & MCP - As Builts | 26.00 | 100 | 1 | LSUM | 250,000.00 | 59,000 | |
| Relocate Service to Existing MCP & Electrical Room | 26.00 | 100 | 1 | LSUM | 2,000,000.00 | 2,000,000 | |
| Electrical - BHS Controls, BHS IT, BHS Electrical | 26.00 | 100 | 1 | SUB | 909,000.00 | w/ BHS | |
| | | | | | | 0 | |
| BHS power from building distribution power to PDPs | 26.00 | 43 | 1 | LSUM | 1,750,000.00 | 1,750,000 | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D5010 Subtotal | | | 282.15 | 3,809,000 |
| D5020 - Lighting & Branch Wiring | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D5020 Subtotal | | | 0.00 | 0 |
| D5030 - Communications & Security | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D5030 Subtotal | | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | | | |
| Conduits and cabling for BHS load belt cameras | 26.00 | 39 | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | D5090 Subtotal | | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | | |
| E1010 - Commercial Equipment | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | E1010 Subtotal | | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | | | | | |
| | | | | | | 0 | |
| | | | | | | 0 | |
| | | | - | - | - | 0 | |
| | | | E1020 Subtotal | | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | | | | | |

T4/T5 Redevelopment Program - Headhouse Selection
Back-Up Estimate Detail

Owner: American Airlines
Architect: PGAL

Drawing Date: 5/29/2020
Revision No: Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|---------|---------------|------------------|
| A - Item #2 - BHS Early Work - Manual Encoder Relocation | | | (13,500 GSF) | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | | | | | |
| EXISTING BAG CHUTE UNDER EVALUATION FOR GATE 401 (Reference She | 34.01 | 34 | 1 | LSUM | 200,000.00 | 200,000 |
| | | | - | - | - | 0 |
| | | | E1090 Subtotal | | 14.81 | 200,000 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| Fixed Furnishings | 6.41 | 100 | 13,500 | SQFT | 1.25 Other | |
| | | | - | - | - | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | 60.10 | 100 | 13,500 | SQFT | 4.00 | 54,000 |
| Conflict / Phasing MEP Reroute | 60.20 | 100 | 13,500 | SQFT | 0.00 | w/ HH / Con |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | 100 | 13,500 | SQFT | 92.00 | 1,242,000 |
| Escorting and Firewatch Personnel | 60.40 | 100 | 1 | LSUM | 28,026.00 | 28,026 |
| Airport Escort Vehicles & Operators | 60.40 | 100 | 12 | MO | 3,124.80 | 37,498 |
| Escalation | 60.85 | 100 | 0 | PERC | 19,301,955.49 | 579,059 |
| | | | - | - | - | 0 |
| | | | F1010 Subtotal | | 143.75 | 1,940,582 |
| F1020 - Integrated Construction | | | | | | |
| BHS Signage | 10.14 | 29 | 1 | LSUM | 10,000.00 | 10,000 |
| | | | - | - | - | 0 |
| | | | F1020 Subtotal | | 0.74 | 10,000 |
| F1030 - Special Construction Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | | |
| 8' Painted Wood Barricade | 60.70 | 100 | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.70 | 100 | 1,000 | LNFT | 326.00 | 326,000 |
| 13' Painted Wood Barricade | 60.70 | 100 | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.70 | 100 | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.70 | 100 | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.70 | 100 | 0 | LNFT | 168.00 | 0 |
| 15' Drywall Barricade | 60.70 | 100 | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.70 | 100 | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.70 | 100 | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.70 | 100 | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.70 | 100 | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.70 | 100 | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.70 | 100 | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.70 | 100 | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.70 | 100 | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.70 | 100 | 52 | WEEKS | 850.00 | 44,166 |
| Project Safety Make-safe & Oversight | 60.75 | 100 | 51.96 | WEEKS | 2,960.00 | 153,802 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | |
| 1 Laborers Day Shift or 1 Night Shift | 60.80 | 100 | 12 | MONTH | 21,168.00 | 254,016 |
| HP Craft Parking - Cleanup Labor | 60.80 | 100 | 12 | MONTH | 630.00 | 7,560 |
| HP Craft Parking - 5 each Gen Labor | 60.80 | 100 | 12 | MONTH | 3,150.00 | 37,800 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.80 | 100 | 0 | TRIP | 865.00 | 0 |
| Dumpster Dump Fees | 60.80 | 100 | 26 | DUMP | 800.00 | 20,803 |
| Recycling Dumpster Fees | 60.80 | 100 | 1 | DUMP | 800.00 | 1,040 |
| Recycling Dumpster Fees - FFE | 60.80 | 100 | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.80 | 100 | 0 | OPENING | 350.00 | 0 |
| Pest Control | 60.80 | 100 | 12 | MONTH | 100.00 | 1,200 |
| Final Clean-Up - Bldg | 60.80 | 100 | 13,500 | SQFT | 1.50 | 20,250 |
| Final Clean-Up - Exterior Skin New Construction | 60.80 | 100 | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.80 | 100 | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.80 | 100 | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.80 | 100 | 0 | EACH | 15,000.00 | 0 |
| | | | | | | 0 |

T4/T5 Redevelopment Program - Headhouse Selection
Back-Up Estimate Detail

Owner: American Airlines
Architect: PGAL

Drawing Date: 5/29/2020
Revision No: Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|--------------|------------------|
| A - Item #2 - BHS Early Work - Manual Encoder Relocation | | | (13,500 GSF) | | | |
| Demo BLDG Arch | 2.41 | 100 | 13,500 | SQFT | 30.00 | 405,000 |
| Demo Bldg Arch & Str | 2.41 | 100 | 0 | SQFT | 60.00 | 0 |
| Demo Bldg Arch & Str & Replacment | 2.41 | 100 | 0 | SQFT | 5,000,000.00 | 0 |
| Sidewalk Canopy 336' x 8' | 5.50 | 100 | 0 | MO | 7,725.83 | 0 |
| Pedestrian Barricades/Traffic Control/Lighting | 60.70 | 100 | 0 | LSUM | 86,016.00 | 0 |
| Sidewalk Canopy & Fencing | 5.50 | 100 | 0 | LSUM | 186,666.67 | 0 |
| Sidewalk Canopy & Fencing Lower/ Phases | 5.50 | 100 | 0 | LSUM | 186,666.67 | 0 |
| | | 100 | | | | 0 |
| Phasing to Support Propriety | 60.70 | 100 | | LSUM | | 0 |
| Phasing to Support Propriety | 60.70 | 100 | | LSUM | | 0 |
| | | | - | - | - | 0 |
| F2010 Subtotal | | | | | 94.20 | 1,271,637 |
| F2020 - Hazardous Components Abatement | | | | | | |
| None Included - By Owner | | | | LSUM | | Excluded |
| Survey Existing | 2.41 | 100 | 1 | LSUM | 15,000.00 | 15,000 |
| | | | - | - | - | 0 |
| F2020 Subtotal | | | | | 1.11 | 15,000 |
| | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|-----------------------|------|---------------|----------------|
| B - Item #3A - BHS Early Work Temp T3 Belt | | (3,500 GSF) | | | |
| A10 - FOUNDATIONS | | | | | |
| A1010 - Standard Foundations | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1030 Subtotal | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | |
| A2010 - Basement Excavation | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | |
| B1010 - Floor Construction | | | | | |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | 0.78750 | TONS | 18,000.00 | 14,175 |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | 0.22500 | TONS | 18,000.00 | 4,050 |
| | | - | - | - | 0 |
| | | B1010 Subtotal | | 5.21 | 18,225 |
| B1020 - Roof Construction | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B1020 Subtotal | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | |
| B2010 - Exterior Walls | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2010 Subtotal | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | |
| B3010 - Roof Coverings | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | |
| C1010 - Partitions | | | | | |
| Architectural and MEPF Replacement - Like for like | 9.21 | 3,500 | LSUM | 100.00 | 350,000 |
| | | - | - | - | 0 |
| | | C1010 Subtotal | | 100.00 | 350,000 |
| C1020 - Interior Doors | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | |
| C2010 - Stair Construction | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | | | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|-----------------------|------|-----------------|------------------|
| B - Item #3A - BHS Early Work Temp T3 Belt | | (3,500 GSF) | | | |
| | | | | | 0 |
| | | - | - | - | 0 |
| | | C2020 Subtotal | | 0.00 | 0 |
| C30 - INTERIOR FINISHES | | | | | |
| C3010 - Wall Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3010 Subtotal | | 0.00 | 0 |
| C3020 - Floor Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3020 Subtotal | | 0.00 | 0 |
| C3030 - Ceiling Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | |
| D1010 - Elevators & Lifts | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | |
| Baggage Handling System (BHS) | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | 34.01 | 1,767,150 | %K | 0.0258 | 45,670 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | 3,500 | SQFT | 64.10 | 224,350 |
| BHS Demo & Interm Operations | 34.01 | 1 | SUB | 84,150.00 | 84,150 |
| BHS Relocation for Construction T4-3 (3) | 34.02 | 1 | SUB | 0.00 | w/ Sec C |
| BHS Relocation for Construction T4-3 (3A) | 34.02 | 1 | SUB | 2,700,757.00 | 2,700,757 |
| BHS Relocation for Construction T4-3 (3A) Temp Belt HSD | 34.02 | 1 | SUB | 315,000.00 | 315,000 |
| AA Specific Requirements | 34.01 | 1 | LSUM | 20,000.00 | 20,000 |
| Bag Portering | 60.6 | 1,767,150.00 | LSUM | 0.018750 | 33,134 |
| Engineering & Undefined BHS | 34.01 | 1 | SUB | 88,357.50 | 88,358 |
| Security Grill & Fire shutter | 34.01 | 1 | LSUM | 25,000.00 | 25,000 |
| | | - | - | - | 0 |
| | | D1090 Subtotal | | 1,010.41 | 3,536,418 |
| D20 - PLUMBING | | | | | |
| D2010 - Plumbing Fixtures | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2010 Subtotal | | 0.00 | 0 |
| D2020 - Domestic Water Distribution | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | |
| D3010 - Energy Supply | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | QUANTITY | UNIT | \$/UNIT | TOTAL | |
|--|-------|-----------------------|------|-----------|--------------|---------------|
| B - Item #3A - BHS Early Work Temp T3 Belt | | (3,500 GSF) | | | | |
| | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3030 Subtotal | | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3040 Subtotal | | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3050 Subtotal | | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3060 Subtotal | | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3070 Subtotal | | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D3090 Subtotal | | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D4010 Subtotal | | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D4020 Subtotal | | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D4030 Subtotal | | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D4090 Subtotal | | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | |
| Cameras & Security | 26.00 | 1 | LSUM | 35,000.00 | 35,000 | |
| | | - | - | - | 0 | |
| | | D5010 Subtotal | | | 10.00 | 35,000 |
| D5020 - Lighting & Branch Wiring | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D5020 Subtotal | | | 0.00 | 0 |
| D5030 - Communications & Security | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D5030 Subtotal | | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | 0 | |
| | | - | - | - | 0 | |
| | | D5090 Subtotal | | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | 0 | |
| | | - | - | - | 0 | |
| | | E1010 Subtotal | | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | | | 0 | |
| | | - | - | - | 0 | |
| | | E1020 Subtotal | | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | | | 0 | |
| | | - | - | - | 0 | |
| | | E1030 Subtotal | | | 0.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|----------------------|-------|---------------|----------------|
| B - Item #3A - BHS Early Work Temp T3 Belt | | (3,500 GSF) | | | |
| E1090 - Other Equipment | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| E1090 Subtotal | | | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | |
| E2010 - Fixed Furnishings | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| E2010 Subtotal | | | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| E2020 Subtotal | | | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | |
| F1010 - Special Structures | | | | | |
| Code Correction Allowance | 60.1 | 3,500 | SQFT | 0.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | 3,500 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | 3,500 | SQFT | 70.00 | 245,000 |
| Escorting and Firewatch Personnel | 60.4 | 1 | LSUM | 2,335.50 | 2,336 |
| Airport Escort Vehicles & Operators | 60.4 | 3,000 | MO | 3,124.80 | 9,374 |
| Escalation | 60.85 | 0 | PERC | 4,366,673.26 | 131,000 |
| | | - | - | - | 0 |
| F1010 Subtotal | | | | 110.77 | 387,710 |
| F1020 - Integrated Construction | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| F1020 Subtotal | | | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| F1030 Subtotal | | | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| F1040 Subtotal | | | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| F1050 Subtotal | | | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | |
| F2010 - Building Elements Demolition | | | | | |
| Temp Partitions For Phasing and Operations | | | | | |
| 8' Painted Wood Barricade | 60.7 | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | 60.7 | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | 100,000 | LNFT | 168.00 | 16,800 |
| 15' Drywall Barricade | 60.7 | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | 12.99 | WEEKS | 850.00 | 11,042 |
| Project Safety Maintenance & Survey | 60.75 | 3 | WEEKS | 2,960.00 | 8,880 |
| | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | |
| 1 Laborers Day Shift or 1 Night Shift -Temp Belt HSD | 60.8 | 1,000 | MONTH | 4,233.60 | 4,234 |
| HP Craft Parking - Cleanup Labor - Temp Belt HSD | 60.8 | 1,000 | MONTH | 630.00 | 630 |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | 3,000 | MONTH | 21,168.00 | 63,504 |
| HP Craft Parking - Cleanup Labor | 60.8 | 3 | MONTH | 630.00 | 1,890 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | 3 | MONTH | 3,150.00 | 9,450 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | 0 | TRIP | 865.00 | 0 |
| Dumpster Dump Fees | 60.8 | 1,299 | DUMP | 800.00 | 1,039 |
| Recycling Dumpster Fees | 60.8 | 0.06 | DUMP | 800.00 | 52 |
| Recycling Dumpster Fees - FFE | 60.8 | 0 | DUMP | 800.00 | 0 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|-----------------------|---------|--------------|----------------|
| B - Item #3A - BHS Early Work Temp T3 Belt | | (3,500 GSF) | | | |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | 0 | OPENING | 350.00 | 0 |
| Pest Control | 60.8 | 3 | MONTH | 100.00 | 300 |
| Final Clean-Up - Bldg | 60.8 | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | 0 | EACH | 15,000.00 | 0 |
| | | | | | 0 |
| Demo BLDG Arch | 2.41 | 3,500 | SQFT | 15.00 | 52,500 |
| Demo Bldg Arch & Str | 2.41 | 0 | SQFT | 60.00 | 0 |
| Demo Bldg Arch & Str & Replacment | 2.41 | 0 | SQFT | 5,000,000.00 | 0 |
| Sidewalk Canopy 336' x 8' | 1.08 | 0 | MO | 7,725.83 | 0 |
| Pedestrian Barricades/Traffic Control/Lighting | 1.08 | 0 | LSUM | 86,016.00 | 0 |
| Sidewalk Canopy & Fencing | 1.08 | 0 | LSUM | 186,666.67 | 0 |
| Sidewalk Canopy & Fencing Lower/ Phases | 60.7 | 0 | LSUM | 186,666.67 | 0 |
| | | | | | 0 |
| Phasing to Support Propriety | 60.7 | | LSUM | | 0 |
| Phasing to Support Propriety | 60.7 | | LSUM | | 0 |
| | | - | - | - | 0 |
| | | F2010 Subtotal | | 48.66 | 170,320 |
| F2020 - Hazardous Components Abatement | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F2020 Subtotal | | 0.00 | 0 |
| | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|------|--------|-----------------------|------|--------------|----------------|
| C - Item #3 - T4-3 Headhouse BHS | | | (18,667 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | | - | - | - | 0 |
| | | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A1030 Subtotal | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | - | - | - | 0 |
| | | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | | LSUM | | 0 |
| | | | - | - | - | 0 |
| | | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Pads & Curbs | | | | LSUM | | 0 |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | | 4 | TONS | 18,000.00 | 75,600 |
| Painting of Misc Metals | | | | TONS | | 0 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| Reroute BHS South of Column Line C | 5.12 | | 1 | LSUM | 125,000.00 | 125,000 |
| | | | | | | 0 |
| COLUMNS TO SHIFT NORTH FOR EXPANSION JOINT COORDINATION. EXIS | 5.12 | 30 | 1 | LSUM | 300,000.00 | 300,000 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B1010 Subtotal | | 26.82 | 500,600 |
| B1020 - Roof Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B1020 Subtotal | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2010 Subtotal | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1010 Subtotal | | 0.00 | 0 |
| C1020 - Interior Doors | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | | |
| C2010 - Stair Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|--------------|------------------|
| C - Item #3 - T4-3 Headhouse BHS | | | (18,667 GSF) | | | |
| | | | C2020 Subtotal | | | 0.00 |
| C30 - INTERIOR FINISHES | | | | | | 0 |
| C3010 - Wall Finishes | | | | | | 0 |
| | | | C3010 Subtotal | | | 0.00 |
| C3020 - Floor Finishes | | | | | | 0 |
| | | | C3020 Subtotal | | | 0.00 |
| C3030 - Ceiling Finishes | | | | | | 0 |
| | | | C3030 Subtotal | | | 0.00 |
| D10 - CONVEYING | | | | | | 0 |
| D1010 - Elevators & Lifts | | | | | | 0 |
| | | | D1010 Subtotal | | | 0.00 |
| D1020 - Escalators & Moving Walks | | | | | | 0 |
| | | | D1020 Subtotal | | | 0.00 |
| D1090 - Other Conveying Systems | | | | | | 0 |
| Baggage Handling System (BHS) | | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 3,208,350 | %K | 0.0258 | 82,915 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 18,667 | SQFT | 21 | 398,844 |
| BHS Demo & Intern Operations | 34.01 | | 1 | SUB | 289,850.00 | 289,850 |
| BHS Relocation for Construction T4-3 (3) | 34.02 | | 1 | SUB | 4,044,094.00 | 4,044,094 |
| BHS Relocation for Construction T4-3 (3A) | 34.02 | | 1 | SUB | 20,000.00 | w/ Sec B |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 35,000.00 | 35,000 |
| Bag Portering | 60.6 | | 3,208,350.00 | LSUM | 0.018750 | 60,157 |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 160,417.50 | 160,418 |
| Rebuild Center X-Line | 34.01 | | 1 | SUB | 336,600.00 | 336,600 |
| Reroute BHS South of Column Line C | 34.01 | | 1 | SUB | 100,000.00 | 100,000 |
| | | | D1090 Subtotal | | | 295.06 |
| | | | | | | 5,507,878 |
| D20 - PLUMBING | | | | | | 0 |
| D2010 - Plumbing Fixtures | | | | | | 0 |
| | | | D2010 Subtotal | | | 0.00 |
| D2020 - Domestic Water Distribution | | | | | | 0 |
| | | | D2020 Subtotal | | | 0.00 |
| D2030 - Sanitary Waste | | | | | | 0 |
| | | | D2030 Subtotal | | | 0.00 |
| D2040 - Rain Water Drainage | | | | | | 0 |
| | | | D2040 Subtotal | | | 0.00 |
| D2090 - Other Plumbing Systems | | | | | | 0 |
| | | | D2090 Subtotal | | | 0.00 |
| D30 - HVAC | | | | | | 0 |
| D3010 - Energy Supply | | | | | | 0 |
| | | | D3010 Subtotal | | | 0.00 |
| D3020 - Heat Generating Systems | | | | | | 0 |
| | | | D3020 Subtotal | | | 0.00 |
| D3030 - Cooling Generating Systems | | | | | | 0 |
| | | | D3030 Subtotal | | | 0.00 |
| D3040 - Distribution Systems | | | | | | 0 |
| | | | D3040 Subtotal | | | 0.00 |
| D3050 - Terminal & Package Units | | | | | | 0 |
| | | | D3050 Subtotal | | | 0.00 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-----|--------|-----------------------|------|-------------|----------|
| C - Item #3 - T4-3 Headhouse BHS | | | (18,667 GSF) | | | |
| | | | - | - | - | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3090 Subtotal | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4010 Subtotal | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4020 Subtotal | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4030 Subtotal | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4090 Subtotal | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5010 Subtotal | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5020 Subtotal | | 0.00 | 0 |
| D5030 - Communications & Security | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5030 Subtotal | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5090 Subtotal | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1010 Subtotal | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1020 Subtotal | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | | 60.1 | 0 | SQFT | 2.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|---------|--------------|----------------|
| C - Item #3 - T4-3 Headhouse BHS | | | (18,667 GSF) | | | |
| Conflict / Phasing MEP Reroute | 60.2 | | 18,667 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPP to Structure and Architecture | 60.25 | | 18,667 | SQFT | 17.50 | 326,667 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 14,013.00 | 14,013 |
| Airport Escort Vehicles & Operators | 60.4 | | 18.0000 | MO | 3,124.80 | 56,246 |
| Escalation | 60.85 | 100 | 0 | PERC | 7,038,343.88 | 211,150 |
| | | | - | - | - | 0 |
| F1010 Subtotal | | | | | 32.58 | 608,076 |
| F1020 - Integrated Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1020 Subtotal | | | | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1030 Subtotal | | | | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1040 Subtotal | | | | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1050 Subtotal | | | | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | | 0 |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 333.333 | LNFT | 168.00 | 56,000 |
| 15' Drywall Barricade | 60.7 | | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPP, Dust & Roofing) | 60.7 | | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 77.94 | WEEKS | 850.00 | 66,249 |
| Project Safety Maintenance & Survey | 60.75 | | 18 | WEEKS | 2,960.00 | 53,280 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | 0 |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 18.000 | MONTH | 21,168.00 | 381,024 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 18 | MONTH | 630.00 | 11,340 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 18 | MONTH | 3,150.00 | 56,700 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 0 | TRIP | 865.00 | 0 |
| Dumpster Dump Fees | 60.8 | | 7.794 | DUMP | 800.00 | 6,235 |
| Recycling Dumpster Fees | 60.8 | | 0.39 | DUMP | 800.00 | 312 |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | OPENING | 350.00 | 0 |
| Pest Control | 60.8 | | 18 | MONTH | 100.00 | 1,800 |
| Final Clean-Up - Bldg | 60.8 | | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | | 0 | EACH | 15,000.00 | 0 |
| | | | | | | 0 |
| Demo BLDG Arch | 2.42 | | 0 | SQFT | 30.00 | w/ base HH |
| Demo Bldg Arch & Str | 2.42 | | 0 | SQFT | 60.00 | 0 |
| Demo Bldg Arch & Str & Replacment | 2.42 | | 0 | SQFT | 5,000,000.00 | 0 |
| Sidewalk Canopy 336' x 8' | 1.08 | Ph1 | 0 | MO | 7,725.83 | 0 |
| Pedestrian Barricades/Traffic Control/Lighting | 1.08 | Ph1 | 0 | LSUM | 86,016.00 | 0 |
| Sidewalk Canopy & Fencing | 1.08 | Ph5 | 0 | LSUM | 186,666.67 | 0 |
| Sidewalk Canopy & Fencing Lower/ Phases | 60.7 | Ph5 | 0 | LSUM | 186,666.67 | 0 |
| | | | | | | 0 |
| Phasiing to Support Propriety | 60.7 | | | LSUM | | 0 |
| Phasiing to Support Propriety | 60.7 | | | LSUM | | 0 |
| | | | - | - | - | 0 |
| F2010 Subtotal | | | | | 33.91 | 632,940 |
| F2020 - Hazardous Components Abatement | | | | | | |
| None Included | | | | LSUM | | w/ Demo |
| | | | - | - | - | 0 |
| F2020 Subtotal | | | | | 0.00 | 0 |
| | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|--------|-----------------------|------------|--------------|----------------|
| D - Item #4 - T4-8 BHS Headhouse Oversized | | 5,000 | GSF | | |
| A10 - FOUNDATIONS | | | | | |
| A1010 - Standard Foundations | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A1030 Subtotal | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | |
| A2010 - Basement Excavation | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | |
| B1010 - Floor Construction | | | | | |
| Pads & Curbs | | | LSUM | | 0 |
| Miscellaneous Metals @ .45#/SF | | 1 | TONS | 18,000.00 | 20,250 |
| Painting of Misc Metals | | | TONS | | 0 |
| Winter Protection | | | LSUM | | 0 |
| Hoisting | | | LSUM | | 0 |
| BHS Dog House | | 1 | LSUM | 100,000.00 | 100,000 |
| | | - | - | - | 0 |
| | | B1010 Subtotal | | 24.05 | 120,250 |
| B1020 - Roof Construction | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B1020 Subtotal | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | |
| B2010 - Exterior Walls | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2010 Subtotal | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | |
| B3010 - Roof Coverings | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | |
| C1010 - Partitions | | | | | |
| Walls & Enclosure | | 1 | LSUM | 45,000.00 | 45,000 |
| | | - | - | - | 0 |
| | | C1010 Subtotal | | 9.00 | 45,000 |
| C1020 - Interior Doors | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | |
| C2010 - Stair Construction | | | | | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|--------|-----------------------|------------|---------------|------------------|
| D - Item #4 - T4-8 BHS Headhouse Oversized | | 5,000 | GSF | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C2020 Subtotal | | 0.00 | 0 |
| C30 - INTERIOR FINISHES | | | | | |
| C3010 - Wall Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3010 Subtotal | | 0.00 | 0 |
| C3020 - Floor Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3020 Subtotal | | 0.00 | 0 |
| C3030 - Ceiling Finishes | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | |
| D1010 - Elevators & Lifts | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | |
| Baggage Handling System (BHS) | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | NP | 216,350 | %K | 0.0258 | 5,591 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | NP | 5,000 | SQFT | 92.00 | 460,000 |
| BHS Demo & Interm Operations | NP | 1 | SUB | 9,350.00 | 9,350 |
| BHS Relocation for Construction T4-8 (5) | NP | 1 | SUB | 1,345,830.00 | 1,345,830 |
| BHS Oversized Baggage w/ Tunnel T4-8 (4) | NP | 1 | SUB | 20,000.00 | w/ Sec J |
| AA Specific Requirements | NP | 1 | LSUM | 35,000.00 | 35,000 |
| Bag Portering | NP | 216,350.00 | LSUM | 0.018750 | 4,057 |
| Engineering & Undefined BHS | NP | 1 | SUB | 10,817.50 | 10,818 |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1090 Subtotal | | 374.13 | 1,870,645 |
| D20 - PLUMBING | | | | | |
| D2010 - Plumbing Fixtures | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2010 Subtotal | | 0.00 | 0 |
| D2020 - Domestic Water Distribution | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | |
| D3010 - Energy Supply | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | |
| | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL | |
|---|--------|--------------------|------|--------------|--------|---|
| D - Item #4 - T4-8 BHS Headhouse Oversized | | 5,000 GSF) | | | | |
| | | - | - | - | 0 | |
| | | D3020 Subtotal | | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3030 Subtotal | | | 0.00 | 0 |
| D3040 - Distribution Systems | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3040 Subtotal | | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3050 Subtotal | | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3060 Subtotal | | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3070 Subtotal | | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D3090 Subtotal | | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D4010 Subtotal | | | 0.00 | 0 |
| D4020 - Standpipe Systems | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D4020 Subtotal | | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D4030 Subtotal | | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D4090 Subtotal | | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D5010 Subtotal | | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D5020 Subtotal | | | 0.00 | 0 |
| D5030 - Communications & Security | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D5030 Subtotal | | | 0.00 | 0 |
| D5090 - Other Electrical Services | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | D5090 Subtotal | | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| Code Correction Allowance | NP | 0 | SQFT | 2.00 | 0 | |
| Conflict / Phasing MEP Reroute | NP | 5,000 | SQFT | 0.00 | 0 | |
| Adj To Design- New/Exist MEFP to Structure and Architecture | NP | 5,000 | SQFT | 17.50 | 87,500 | |
| Escorting and Firewatch Personnel | NP | 1 | LSUM | 7,006.50 | 7,007 | |
| Airport Escort Vehicles & Operators | NP | 3 | MO | 3,124.80 | 9,374 | |
| Escalation | | 0 | PERC | 2,291,932.89 | 68,758 | |
| | | - | - | - | 0 | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|--------|-----------------------|--------|--------------|----------------|
| D - Item #4 - T4-8 BHS Headhouse Oversized | | 5,000 GSF |) | | |
| | | E1010 Subtotal | | 34.53 | 172,639 |
| E1020 - Institutional Equipment | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | E1020 Subtotal | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | |
| E2010 - Fixed Furnishings | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | |
| F1010 - Special Structures | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F1010 Subtotal | | 0.00 | 0 |
| F1020 - Integrated Construction | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F1020 Subtotal | | 0.00 | 0 |
| F1030 - Special Construction Systems | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | |
| F2010 - Building Elements Demolition | | | | | |
| Temp Partitions For Phasing and Operations | | | | | 0 |
| 8' Painted Wood Barricade | NP | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | NP | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | NP | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | NP | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | NP | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | NP | 333 | LNFT | 168.00 | 56,000 |
| 15' Drywall Barricade | NP | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | NP | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | NP | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | NP | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | NP | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | NP | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | NP | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | NP | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | NP | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | NP | 12.9900 | WEEKS | 850.00 | 11,042 |
| Project Safety Maintenance & Survey | NP | 3 | MONTHS | 2,960.00 | 8,880 |
| | NP | | | | 0 |
| Daily Cleanup Crew / General Labor | NP | | | | 0 |
| 1 Laborers Day Shift or 1 Night Shift | NP | 3 | MONTH | 21,168.00 | 63,504 |
| HP Craft Parking - Cleanup Labor | NP | 3 | MONTH | 630.00 | 1,890 |
| HP Craft Parking - 5 each Gen Labor | NP | 3 | MONTH | 3,150.00 | 9,450 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | NP | 0 | TRIP | 865.00 | 0 |
| Dumpster Dump Fees | NP | 1.2990 | DUMP | 800.00 | 1,039 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|--------|-----------------------|----------|--------------|----------------|
| D - Item #4 - T4-8 BHS Headhouse Oversized | | 5,000 GSF |) | | |
| Recycling Dumpster Fees | NP | 0.0650 | DUMP | 800.00 | 52 |
| Recycling Dumpster Fees - FFE | NP | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | NP | 0 | OPENING | 350.00 | 0 |
| Pest Control | NP | 3 | MONTH | 100.00 | 300 |
| Final Clean-Up - Bldg | NP | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | NP | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | NP | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | NP | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | NP | 0 | EACH | 15,000.00 | 0 |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | F2010 Subtotal | | 30.43 | 152,157 |
| F2020 - Hazardous Components Abatement | | | | | |
| None Included | | | LSUM | | w/ Demo |
| | | - | - | - | 0 |
| | | F2020 Subtotal | | 0.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|--------|-----------------------|--------|--------------|----------------|
| E - Item #5 - T4-8 Headhouse BHS | | | (37,333 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| A1010 Subtotal | | | | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| A1020 Subtotal | | | | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| A1030 Subtotal | | | | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| A2010 Subtotal | | | | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| A2020 Subtotal | | | | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Pads & Curbs | | | | LSUM | | 0 |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | | 8 | TONS | 18,000.00 | 151,200 |
| Painting of Misc Metals | | | | TONS | | 0 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| | | | | | | 0 |
| Structural Slab | 3.00 | 13 | | | | 0 |
| Roughen Slab Edge 1/4 " | 3.00 | 13 | 524 | LNFT | 87.60 | 45,902 |
| Dowels @ 1.5' & 2' embedment | 3.00 | 13 | 1,797 | Dowels | 78.00 | 140,133 |
| Beam Dowels | 3.00 | 13 | 1 | ALLW | 3,500.00 | 3,500 |
| Str Columns | 3.00 | 13 | 21 | CYD | 1,800.00 | 37,800 |
| Str Beam | 3.00 | 13 | 14 | CYD | 2,600.00 | 36,400 |
| Str Slab | 3.00 | 13 | 97 | CYD | 1,800.00 | 174,600 |
| Resteel | 3.00 | 13 | 44,663 | LBS | 2.95 | 131,756 |
| Design Development 90% to 100% | 3.00 | 13 | 690,331 | LSUM | 0.05 | 34,517 |
| | | | | | | 0 |
| Modify Slab Edges | 3.00 | 14 | 1 | LSUM | 50,000.00 | 50,000 |
| | | | | | | 0 |
| Shearwall Modifications Arrivals | 3.00 | 15 | 1 | LSUM | 50,000.00 | 50,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| B1010 Subtotal | | | | | 22.92 | 855,807 |
| B1020 - Roof Construction | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| B1020 Subtotal | | | | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| | | | | | | 0 |
| Demo | 2.41 | 16 | 116 | SQF | 30.00 | 3,480 |
| Scaffolding | 3.00 | 16 | 1 | LSUM | 5,000.00 | 5,000 |
| Existing Slab Demo | 2.41 | 16 | 72 | SQF | 120.00 | 8,640 |
| Slab Infill | 3.00 | 16 | 109 | SQF | 1,200.00 | 130,800 |
| Demo existing dog house | 2.41 | 16 | 192 | SQF | 60.00 | 11,520 |
| Misc Metal | 5.50 | 16 | | | | 0 |
| Edge angles - stiffners | 5.50 | 16 | 2 | TON | 18,000.00 | 32,580 |
| Dog house | | 16 | | | | 0 |
| Starter curb | 3.00 | 16 | 82 | LF | 40.00 | 3,280 |
| Stud walls | 9.22 | 16 | 82 | LF | 250.00 | 20,500 |
| Metal decking | 5.12 | 16 | 299 | SQF | 30.00 | 8,970 |
| Waterproofing | 7.17 | 16 | 299 | SQF | 90.00 | 26,910 |
| Flashing and gutters | 7.92 | 16 | 1 | LSUM | 5,000.00 | 5,000 |
| Rolling door assembly | | 16 | | | | w/ BHS |
| Drop Soffit | | 16 | | | | 0 |
| Fire rated soffit | 9.22 | 16 | 299 | SQF | 180.00 | 53,820 |
| Fire caulking and flashing | 7.92 | 16 | 1 | LSUM | 3,500.00 | 3,500 |
| | | | | | | 0 |
| Demo | 2.41 | 20 | 58 | SQF | 30.00 | 1,740 |
| Scaffolding | 3.00 | 20 | 1 | LSUM | 2,500.00 | 2,500 |
| Existing Slab Demo | 2.41 | 20 | 36 | SQF | 120.00 | 4,320 |
| Slab Infill | 3.00 | 20 | 55 | SQF | 1,200.00 | 65,400 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|-------|---------------|------------------|
| E - Item #5 - T4-8 Headhouse BHS | | | (37,333 GSF) | | | |
| | | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | | |
| D1010 - Elevators & Lifts | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | | |
| Baggage Handling System (BHS) | | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 6,618,000 | %K | 0.0258 | 171,033 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 37,333 | SQFT | 31 | 1,144,889 |
| BHS Demo & Intern Operations | 34.01 | | 1 | SUB | 574,300.00 | 574,300 |
| Inbound Bag Claims | 34.02 | | 1 | SUB | 4,866,716.00 | 4,866,716 |
| Bag Claim Devices - Salvage Existing for Reuse | 34.01 | | 2 | EACH | 800,000.00 | w/ above |
| Motor Control Allocation Inbound Bag Claims | 34.02 | | 1 | SUB | 1,000,000.00 | 1,000,000 |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 50,000.00 | 50,000 |
| Bag Portering | 60.6 | | 6,618,000 | LSUM | 0.02 | 132,360 |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 330,900.00 | 330,900 |
| | | | | | | 0 |
| Headhouse - ELE - Double Bag Lift | 34.01 | | 0 | Stops | 225,000.00 | 0 |
| | | | - | - | - | 0 |
| | | | D1090 Subtotal | | 221.52 | 8,270,198 |
| D20 - PLUMBING | | | | | | |
| D2010 - Plumbing Fixtures | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2010 Subtotal | | 0.00 | 0 |
| D2020 - Domestic Water Distribution | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | |
| D3010 - Energy Supply | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3030 Subtotal | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3040 Subtotal | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|--------|------------|--------------|
| E - Item #5 - T4-8 Headhouse BHS | | | (37,333 GSF) | | | |
| D3090 - Other HVAC Systems & Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D3090 Subtotal | | | | | | 0.00 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D4010 Subtotal | | | | | | 0.00 |
| D4020 - Standpipe Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D4020 Subtotal | | | | | | 0.00 |
| D4030 - Fire Protection Specialties | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D4030 Subtotal | | | | | | 0.00 |
| D4090 - Other Fire Protection Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D4090 Subtotal | | | | | | 0.00 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D5010 Subtotal | | | | | | 0.00 |
| D5020 - Lighting & Branch Wiring | | | - | - | - | 0 |
| BHS Catwalk Power and Lighting (headhouse) | 26.00 | 4 | 1 | LSUM | 198,257.00 | 198,257 |
| Duplex Nema 1 indoor with dustproof receptacle cover | 26.00 | 4 | 62 | EACH | | w/ above |
| LED 4' Light Fixtures | 26.00 | 4 | 126 | EACH | | w/above |
| BHS Conveyor Lighting (Headhouse) | 26.00 | 4 | 1 | LSUM | 191,578.00 | 191,578 |
| LED 4' Light Fixtures | 26.00 | 4 | 122 | EACH | | w/above |
| BHS Catwalk Power and Lighting (concourse) | 26.00 | 4 | 1 | LSUM | 29,738.55 | 29,739 |
| Duplex Nema 1 indoor with dustproof receptacle cover | 26.00 | 4 | 9 | EACH | | w/above |
| LED 4' Light Fixtures | 26.00 | 4 | 19 | EACH | | w/above |
| BHS Conveyor Lighting (Concourse) | 26.00 | 4 | 1 | LSUM | 28,736.70 | 28,737 |
| LED 4' Light Fixtures | 26.00 | 4 | 18 | EACH | | w/above |
| | | | | | | 0 |
| CAMERAS FOR BHS MAINTENANCE PROVIDED/REQUIRED BY BAGGA | 26.00 | 4 | 20 | EACH | 12,000.00 | 240,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| D5020 Subtotal | | | | | | 18.44 |
| D5030 - Communications & Security | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D5030 Subtotal | | | | | | 0.00 |
| D5090 - Other Electrical Services | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| D5090 Subtotal | | | | | | 0.00 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| Salvage Inbound Piers w/ SS - Wrap, Protection & Crate | 10.44 | | 2 | EACH | 50,000.00 | 100,000 |
| Transport In & Out Warehouse | 10.44 | | 4 | EACH | 16,500.00 | 66,000 |
| Warehouse Rental | 10.44 | | 24 | Months | 3,500.00 | 84,000 |
| | | | | | | 0 |
| E1010 Subtotal | | | | | | 6.70 |
| E1020 - Institutional Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E1020 Subtotal | | | | | | 0.00 |
| E1030 - Vehicular Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E1030 Subtotal | | | | | | 0.00 |
| E1090 - Other Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|--------|---------------|------------------|
| E - Item #5 - T4-8 Headhouse BHS | | | (37,333 GSF) | | | |
| | | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | 60.1 | | 0 | SQFT | 2.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | | 37,333 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | | 37,333 | SQFT | 17.50 | 653,333 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 84,078.00 | 84,078 |
| Airport Escort Vehicles & Operators | 60.4 | | 36 | MO | 3,124.80 | 112,493 |
| Escalation | 60.85 | 100 | 0 | PERC | 13,078,444.56 | 392,353 |
| | | | - | - | - | 0 |
| | | | F1010 Subtotal | | 33.27 | 1,242,257 |
| F1020 - Integrated Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1020 Subtotal | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | | 0 |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 666.667 | LNFT | 168.00 | 112,000 |
| 15' Drywall Barricade | 60.7 | | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 155.880 | WEEKS | 850.00 | 132,498 |
| Project Safety Maintenance & Survey | 60.75 | | 36 | MONTHS | 2,960.00 | 106,560 |
| | | | | | | 0 |
| Demo - Save Existing Embedded Resteel | 2.41 | 13 | 1,440 | SQFT | 60.00 | 86,400 |
| Shore Existing Slab to Remain | 3.00 | 13 | 2,256 | SQFT | 30.00 | 67,680 |
| | | | | | | 0 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | 0 |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 36.00 | MONTH | 21,168.00 | 762,048 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 36 | MONTH | 630.00 | 22,680 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 36 | MONTH | 3,150.00 | 113,400 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 0 | TRIP | 865.00 | 0 |
| Dumpster Dump Fees | 60.8 | | 15.5880 | DUMP | 800.00 | 12,470 |
| Recycling Dumpster Fees | 60.8 | | 0.77940 | DUMP | 800.00 | 624 |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | PENING | 350.00 | 0 |
| Pest Control | 60.8 | | 36 | MONTH | 100.00 | 3,600 |
| Final Clean-Up - Bldg | 60.8 | | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|------|--------|-----------------------|------|--------------|------------------|
| E - Item #5 - T4-8 Headhouse BHS | | | (37,333 GSF) | | | |
| Rain Event Cleanup and Remediation | 60.8 | | 0 | EACH | 15,000.00 | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| | | | F2010 Subtotal | | 38.03 | 1,419,960 |
| F2020 - Hazardous Components Abatement | | | | | | |
| None Included | | | | LSUM | | w/ Demo |
| | | | - | - | - | 0 |
| | | | F2020 Subtotal | | 0.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL | |
|---|--------|-----------------------|------|------------|--------------|----------------|
| F - Item #6 - T4 Inbound Baggage Claim | | (3,500 GSF) | | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | A1010 Subtotal | | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | A1020 Subtotal | | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | A1030 Subtotal | | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | A2010 Subtotal | | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | A2020 Subtotal | | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Pads & Curbs | | | LSUM | | 0 | |
| Miscellaneous Metals @ .45#/SF | | 1 | TONS | 18,000.00 | 14,175 | |
| Painting of Misc Metals | | | TONS | | 0 | |
| Winter Protection | | | LSUM | | 0 | |
| Hoisting | | | LSUM | | 0 | |
| BHS Dog House | | 0 | LSUM | 50,000.00 | 0 | |
| | | - | - | - | 0 | |
| | | B1010 Subtotal | | | 4.05 | 14,175 |
| B1020 - Roof Construction | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | B1020 Subtotal | | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | B2010 Subtotal | | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | B2020 Subtotal | | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | B2030 Subtotal | | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | B3010 Subtotal | | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| Walls & Ceilings | | 1 | LSUM | 100,000.00 | 100,000 | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | C1010 Subtotal | | | 28.57 | 100,000 |
| C1020 - Interior Doors | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | C1020 Subtotal | | | 0.00 | 0 |
| C1030 - Specialties | | | | | | |
| | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | C1030 Subtotal | | | 0.00 | 0 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|--------|-----------------------|------|--------------|------------------|
| F - Item #6 - T4 Inbound Baggage Claim | | (3,500 GSF) | | | |
| C20 - STAIRS | | | | | |
| C2010 - Stair Construction | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C2010 Subtotal | | | 0.00 |
| | | - | - | - | 0 |
| C2020 - Stair Finishes | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C2020 Subtotal | | | 0.00 |
| C30 - INTERIOR FINISHES | | | | | |
| C3010 - Wall Finishes | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3010 Subtotal | | | 0.00 |
| C3020 - Floor Finishes | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3020 Subtotal | | | 0.00 |
| C3030 - Ceiling Finishes | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | C3030 Subtotal | | | 0.00 |
| D10 - CONVEYING | | | | | |
| D1010 - Elevators & Lifts | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1010 Subtotal | | | 0.00 |
| D1020 - Escalators & Moving Walks | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D1020 Subtotal | | | 0.00 |
| D1090 - Other Conveying Systems | | | | | |
| Baggage Handling System (BHS) | | | | | |
| Design - Build BHS Contractor/Designer Review | NP | 2,700,000 | %K | 0.0258 | 69,778 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | NP | 3,500 | SQFT | 31 | 107,333 |
| BHS Demo & Interm Operations | NP | 1 | SUB | 121,950.00 | 121,950 |
| Item #6 T4 Inbound | NP | 1 | SUB | 5,020,262.00 | 5,020,262 |
| AA Specific Requirements | NP | 1 | LSUM | 50,000.00 | 50,000 |
| Bag Portering | NP | 2,700,000 | LSUM | 0.02 | 50,625 |
| Engineering & Undefined BHS | NP | 1 | SUB | 50,000.00 | 50,000 |
| | | - | - | - | 0 |
| | | D1090 Subtotal | | | 1,562.84 |
| | | | | | 5,469,948 |
| D20 - PLUMBING | | | | | |
| D2010 - Plumbing Fixtures | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2010 Subtotal | | | 0.00 |
| D2020 - Domestic Water Distribution | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2020 Subtotal | | | 0.00 |
| D2030 - Sanitary Waste | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2030 Subtotal | | | 0.00 |
| D2040 - Rain Water Drainage | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2040 Subtotal | | | 0.00 |
| D2090 - Other Plumbing Systems | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D2090 Subtotal | | | 0.00 |
| D30 - HVAC | | | | | |
| D3010 - Energy Supply | | - | - | - | 0 |
| | | - | - | - | 0 |
| | | D3010 Subtotal | | | 0.00 |
| D3020 - Heat Generating Systems | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|--------|----------------------|------|--------------|----------|
| F - Item #6 - T4 Inbound Baggage Claim | | (3,500 GSF) | | | |
| | | - | - | - | 0 |
| | | | | | 0 |
| D3020 Subtotal | | | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3030 Subtotal | | | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3040 Subtotal | | | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3050 Subtotal | | | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3060 Subtotal | | | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3070 Subtotal | | | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D3090 Subtotal | | | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | |
| D4010 - Sprinklers | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D4010 Subtotal | | | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D4020 Subtotal | | | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D4030 Subtotal | | | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D4090 Subtotal | | | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | |
| D5010 - Electrical Service & Distribution | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D5010 Subtotal | | | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D5020 Subtotal | | | | 0.00 | 0 |
| D5030 - Communications & Security | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D5030 Subtotal | | | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | |
| | | - | - | - | 0 |
| | | - | - | - | 0 |
| D5090 Subtotal | | | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | |
| E1010 - Commercial Equipment | | | | | |
| Code Correction Allowance | NP | 0 | SQFT | 2.00 | 0 |
| Conflict / Phasing MEP Reroute | NP | 3,500 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | NP | 3,500 | SQFT | 17.50 | 61,250 |
| Escorting and Firewatch Personnel | NP | 1 | LSUM | 9,342.00 | 9,342 |
| Airport Escort Vehicles & Operators | NP | 4 | MO | 3,124.80 | 12,499 |
| Escalation | | 0 | PERC | 5,851,423.16 | 175,543 |
| | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL | |
|---|--------|-----------------------|-------|-----------|--------------|----------------|
| F - Item #6 - T4 Inbound Baggage Claim | | (3,500 GSF) | | | | |
| | | E1010 Subtotal | | | 73.90 | 258,634 |
| E1020 - Institutional Equipment | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | E1020 Subtotal | | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | E1030 Subtotal | | | 0.00 | 0 |
| E1090 - Other Equipment | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | E1090 Subtotal | | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | E2010 Subtotal | | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | E2020 Subtotal | | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | F1010 Subtotal | | | 0.00 | 0 |
| F1020 - Integrated Construction | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | F1020 Subtotal | | | 0.00 | 0 |
| F1030 - Special Construction Systems | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | F1030 Subtotal | | | 0.00 | 0 |
| F1040 - Special Facilities | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | F1040 Subtotal | | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | - | - | - | 0 | |
| | | - | - | - | 0 | |
| | | F1050 Subtotal | | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | 0 | |
| 8' Painted Wood Barricade | NP | 0 | LNFT | 290.00 | 0 | |
| 10' Painted Wood Barricade | NP | 0 | LNFT | 326.00 | 0 | |
| 13' Painted Wood Barricade | NP | 0 | LNFT | 386.00 | 0 | |
| Gates & Doors | NP | 0 | LSUM | 67,800.00 | 0 | |
| 8' Drywall barricade | NP | 0 | LNFT | 105.00 | 0 | |
| 12' Drywall Barricade | NP | 333 | LNFT | 168.00 | 56,000 | |
| 15' Drywall Barricade | NP | 0 | LNFT | 178.00 | 0 | |
| 18' Drywall Barricade | NP | 0 | LNFT | 180.00 | 0 | |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | NP | 0 | LNFT | 190.50 | 0 | |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | NP | 0 | LNFT | 260.50 | 0 | |
| Arrivals Barricade Phasing | NP | 0 | PHASE | 67,200.00 | 0 | |
| FAA Barricade & Relocation | NP | 0 | LNFT | 75.00 | 0 | |
| South Wall Debris Netting | NP | 0 | LSUM | 75,000.00 | 0 | |
| Temporary Blastwall | NP | 0 | LNFT | 1,333.33 | 0 | |
| Working Platform (inc temp MEPF, Dust & Roofing) | NP | 0 | SQFT | 73.50 | 0 | |
| Maintain Barricades Per LAWA Direction | NP | 17 | WEEKS | 850.00 | 14,722 | |
| Project Safety Maintenance & Survey | NP | 4 | WEEKS | 2,960.00 | 11,840 | |
| | NP | | | | 0 | |
| Daily Cleanup Crew / General Labor | NP | | | | 0 | |
| 1 Laborers Day Shift or 1 Night Shift | NP | 4 | MONTH | 21,168.00 | 84,672 | |
| HP Craft Parking - Cleanup Labor | NP | 4 | MONTH | 630.00 | 2,520 | |
| HP Craft Parking - 5 each Gen Labor | NP | 4 | MONTH | 3,150.00 | 12,600 | |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | NP | 0 | TRIP | 865.00 | 0 | |
| Dumpster Dump Fees | NP | 2 | DUMP | 800.00 | 1,386 | |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | USER 1 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|--------|-----------------------|---------|--------------|----------------|
| F - Item #6 - T4 Inbound Baggage Claim | | (3,500 GSF) | | | |
| Recycling Dumpster Fees | NP | 0 | DUMP | 800.00 | 69 |
| Recycling Dumpster Fees - FFE | NP | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | NP | 0 | OPENING | 350.00 | 0 |
| Pest Control | NP | 4 | MONTH | 100.00 | 400 |
| Final Clean-Up - Bldg | NP | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | NP | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | NP | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | NP | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | NP | 0 | EACH | 15,000.00 | 0 |
| | | - | - | - | 0 |
| | | F2010 Subtotal | | 52.63 | 184,209 |
| F2020 - Hazardous Components Abatement | | | | | |
| None Included | | | LSUM | | w/ Demo |
| | | - | - | - | 0 |
| | | F2020 Subtotal | | 0.00 | 0 |
| | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|--------------|----------------|
| G - Item #7 -T4/T5 4 Conveyor BHS Transfers | | | (17,886 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A1030 Subtotal | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Pads & Curbs | | | | LSUM | | 0 |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | | 4 | TONS | 18,000.00 | 72,438 |
| Painting of Misc Metals | | | | TONS | | 0 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| | | | - | - | - | 0 |
| | | | B1010 Subtotal | | 4.05 | 72,438 |
| B1020 - Roof Construction | | | | | | |
| | | | | | | 0 |
| Foundations (not shown 3EA) | | | | | | 0 |
| BHS Canopy spread footing (4'x4') | 3.00 | 22 | 18 | CUYD | 810.00 | 14,580 |
| BHS canopy columns | 3.00 | 22 | 12 | CUYD | 1,800.00 | 21,600 |
| Roof Construction | 5.12 | 22 | | | | 0 |
| Demo existing building exterior for structural connection | 2.41 | 22 | 1 | LSUM | 200,000.00 | 200,000 |
| Structural - Str System w/ Canopy & Gutter (30#/sqf) | 5.12 | 22 | 8 | TONS | 18,000.00 | 146,700 |
| Existing structural retrofit | 5.12 | 22 | 1 | LSUM | 300,000.00 | 300,000 |
| Metal Roofing | 5.12 | 22 | 652 | SQFT | 100.00 | 65,200 |
| Plumbing | 22.00 | 22 | | | | 0 |
| Tie in Gutter Drain | 22.00 | 22 | 2 | LSUM | 20,000.00 | 40,000 |
| Exterior patch back | 9.22 | 22 | 1 | LSUM | 100,000.00 | 100,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | B1020 Subtotal | | 49.65 | 888,080 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2010 Subtotal | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| Rebuild to Connection At T5 | 9.21 | | 1 | LSUM | 250,000.00 | 250,000 |
| | | | | | | 0 |
| | | | C1010 Subtotal | | 13.98 | 250,000 |
| C1020 - Interior Doors | | | | | | |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|---------------|-------------------|
| G - Item #7 -T4/T5 4 Conveyor BHS Transfers | | | (17,886 GSF) | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C1030 - Specialties | | | C1020 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C20 - STAIRS | | | C1030 Subtotal | | 0.00 | 0 |
| C2010 - Stair Construction | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C2020 - Stair Finishes | | | C2010 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C30 - INTERIOR FINISHES | | | C2020 Subtotal | | 0.00 | 0 |
| C3010 - Wall Finishes | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C3020 - Floor Finishes | | | C3010 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| C3030 - Ceiling Finishes | | | C3020 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D10 - CONVEYING | | | C3030 Subtotal | | 0.00 | 0 |
| D1010 - Elevators & Lifts | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D1020 - Escalators & Moving Walks | | | D1010 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D1090 - Other Conveying Systems | | | D1020 Subtotal | | 0.00 | 0 |
| Baggage Handling System (BHS) | | | | | | 0 |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 23,001,000 | %K | 0.0258 | 594,429 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 17,886 | SQFT | 5 | 89,430 |
| BHS Demo & Interm Operations @ T5 | 34.01 | | 1 | SUB | 57,502.50 | w/ below |
| BHS Transfer Lines | 34.02 | | 1 | SUB | 14,369,743 | 14,369,743 |
| CBIS/CBRA Coordination W/ T5 | 34.01 | | 1 | LSUM | 1,000,000.00 | 1,000,000 |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 17,500.00 | 17,500 |
| Bag Portering | 60.6 | | 23,001,000 | LSUM | 0.00187500 | 43,127 |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 1,150,050.00 | 1,150,050 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| | | | D1090 Subtotal | | 965.24 | 17,264,279 |
| D20 - PLUMBING | | | | | | 0 |
| D2010 - Plumbing Fixtures | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D2020 - Domestic Water Distribution | | | D2010 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D2030 - Sanitary Waste | | | D2020 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D2040 - Rain Water Drainage | | | D2030 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| D2090 - Other Plumbing Systems | | | D2040 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | | | | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-----|--------|-----------------------|------|-------------|----------|
| G - Item #7 -T4/T5 4 Conveyor BHS Transfers | | | (17,886 GSF) | | | |
| D3010 - Energy Supply | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3030 Subtotal | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3040 Subtotal | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D3090 Subtotal | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D4010 Subtotal | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D4020 Subtotal | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D4030 Subtotal | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D4090 Subtotal | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D5010 Subtotal | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D5020 Subtotal | | 0.00 | 0 |
| D5030 - Communications & Security | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D5030 Subtotal | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | | 0 |
| | | | - | - | | 0 |
| | | | D5090 Subtotal | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | 0 |
| | | | - | - | | 0 |
| | | | E1010 Subtotal | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | | | | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|----------------|-------|---------------|------------------|
| G - Item #7 -T4/T5 4 Conveyor BHS Transfers | | | (17,886 GSF) | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E1020 Subtotal | | | | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E1030 Subtotal | | | | | 0.00 | 0 |
| E1090 - Other Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E1090 Subtotal | | | | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| Fixed Furnishings | 6.41 | | | SQFT | | 0 |
| | | | - | - | - | 0 |
| E2010 Subtotal | | | | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| E2020 Subtotal | | | | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | 60.1 | | 17,886 | SQFT | 0.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | | 17,886 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | | 17,886 | SQFT | 92.00 | 1,645,512 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 51,521.13 | 51,521 |
| Airport Escort Vehicles & Operators | 60.4 | | 22.0600 | MO | 3,124.80 | 68,933 |
| Escalation | 60.85 | 100 | 0 | PERC | 21,058,129.79 | 631,744 |
| | | | - | - | - | 0 |
| F1010 Subtotal | | | | | 134.06 | 2,397,710 |
| F1020 - Integrated Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1020 Subtotal | | | | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1030 Subtotal | | | | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1040 Subtotal | | | | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| F1050 Subtotal | | | | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | | |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 0 | LNFT | 168.00 | 0 |
| 15' Drywall Barricade | 60.7 | | 0 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | | 0 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | | 1,000 | LNFT | 75.00 | 75,000 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 95.520 | WEEKS | 850.00 | 81,192 |
| Project Safety Maintenance & Survey | 60.75 | | 22.06 | WEEKS | 2,960.00 | 65,298 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 22.0600 | MONTH | 21,168.00 | 466,966 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 22 | MONTH | 630.00 | 13,898 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 22 | MONTH | 3,150.00 | 69,489 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 47.7599 | TRIP | 865.00 | 41,312 |
| Dumpster Dump Fees | 60.8 | | 2.38800 | DUMP | 800.00 | 1,910 |
| Recycling Dumpster Fees | 60.8 | | 0.11940 | DUMP | 800.00 | 96 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|--------|-----------------------|---------|--------------|----------------|
| G - Item #7 -T4/T5 4 Conveyor BHS Transfers | | | (17,886 GSF) | | | |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | OPENING | 350.00 | 0 |
| Pest Control | 60.8 | | 22 | MONTH | 100.00 | 2,206 |
| Final Clean-Up - Bldg | 60.8 | | 0 | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | | 0 | EACH | 15,000.00 | 0 |
| | | | | | | 0 |
| | | | - | | - | 0 |
| | | | F2010 Subtotal | | 45.70 | 817,367 |
| F2020 - Hazardous Components Abatement | | | | | | |
| None Included | | | | LSUM | | w/ Demo |
| | | | - | | - | 0 |
| | | | F2020 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|--------|-----------------------|------|--------------|------------------|
| H - Item #8 - Bag Makeup 16 Piers | | | (52,500 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| LL1 - Arrivals | | | 25,531 | SQFT | 0.00 | 0 |
| Airline Office | | | 1,545 | SQFT | | 0 |
| Baggage | | | 14,772 | SQFT | | 0 |
| Circulation | | | 5,400 | SQFT | | 0 |
| MEP | | | 3,352 | SQFT | | 0 |
| Operations | | | 462 | SQFT | | 0 |
| | | | | | | 0 |
| LL2 - Departures | | | 24,915 | SQFT | 0.00 | 0 |
| Airline | | | 7,449 | SQFT | | 0 |
| Baggage | | | 9,442 | SQFT | | 0 |
| Circulation | | | 7,450 | SQFT | | 0 |
| MEP | | | 574 | SQFT | | 0 |
| | | | | | | 0 |
| LL3 - Concourse | | | 23,646 | SQFT | 0.00 | 0 |
| Baggage | | | 15,533 | SQFT | | 0 |
| Circulation | | | 5,853 | SQFT | | 0 |
| MEP | | | 2,141 | SQFT | | 0 |
| Operations | | | 119 | SQFT | | 0 |
| | | | | | | 0 |
| LL4 - SSCP/ARM | | | 31,747 | SQFT | 0.00 | 0 |
| Airline Office | | | 461 | SQFT | | 0 |
| Baggage | | | 13,803 | SQFT | | 0 |
| Circulation | | | 9,205 | SQFT | | 0 |
| MEP | | | 8,278 | SQFT | | 0 |
| | | | | | | 0 |
| LL5 - MECH | | | 0 | SQFT | 0.00 | 0 |
| | | | - | - | - | 0 |
| | | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| Pole Ftg 3' dia x 10' Length | 3.00 | 3 | 7 | EACH | 4,950.00 | 34,650 |
| Anchor Bolts Setting & Grout | 3.00 | 3 | 7 | EACH | \$ 1,020 | 7,140 |
| Column Steel Encasement | 3.00 | 3 | 7 | EACH | \$ 1,800 | 12,600 |
| Modify Apron Paving For Drains & Striping | 3.00 | 3 | 600 | SQFT | \$ 50 | 30,000 |
| Remove Spoils | 2.42 | 3 | 19 | CUYD | \$ 150 | 2,850 |
| Rebar Cages | 3.20 | 3 | 7 | EA | 2,500.00 | 17,500 |
| | | | | | | 0 |
| | | | A1020 Subtotal | | 2.00 | 104,740 |
| A1030 - Slab on Grade | | | | | | |
| Pads & Curbs | | | | LSUM | | 0 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| Equipment Pads w/ edge angle | 3.00 | | 7,140 | SQFT | 12.50 | 89,250 |
| | | | - | - | - | 0 |
| | | | A1030 Subtotal | | 1.70 | 89,250 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| Pads & Curbs | | | | LSUM | | 0 |
| Miscellaneous Metals @ .45#/SF - BHS Temp Supports | 5.50 | | 11.81250 | TONS | 18,000.00 | 212,625 |
| Painting of Misc Metals | | | | TONS | | 0 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| | | | - | - | - | 0 |
| | | | B1010 Subtotal | | 4.05 | 212,625 |
| B1020 - Roof Construction | | | | | | |
| Structural - Str System w/ Canopy & Gutter | 5.12 | 3 | 44 | TONS | 18,000.00 | 792,000 |
| Metal Roofing | 7.54 | 3 | 4,000 | SQFT | 65.00 | 260,000 |
| Winter Protection | | | | LSUM | | 0 |
| Hoisting | | | | LSUM | | 0 |
| | | | - | - | - | 0 |
| | | | B1020 Subtotal | | 20.04 | 1,052,000 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| EXTERIOR CLOSURE - Patch Back | 9.22 | 3 | 1 | LSUM | 20,000.00 | 20,000 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|---------------|-------------------|
| H - Item #8 - Bag Makeup 16 Piers | | | (52,500 GSF) | | | |
| | | | B2010 Subtotal | | 0.38 | 20,000 |
| B2020 - Exterior Windows | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1010 Subtotal | | 0.00 | 0 |
| C1020 - Interior Doors | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | | |
| C2010 - Stair Construction | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C2020 Subtotal | | 0.00 | 0 |
| C30 - INTERIOR FINISHES | | | | | | |
| C3010 - Wall Finishes | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3010 Subtotal | | 0.00 | 0 |
| C3020 - Floor Finishes | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3020 Subtotal | | 0.00 | 0 |
| C3030 - Ceiling Finishes | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | | |
| D1010 - Elevators & Lifts | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | | |
| Baggage Handling System (BHS) | | | | | | |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 21,522,000 | %K | 0.0258 | 556,206 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 52,500 | SQFT | 5 | 262,500 |
| BHS Demo & Intern Operations | 34.01 | | 1 | SUB | 50,055.00 | 50,055 |
| Motor Control Allocation Makeup Piers | 34.02 | | 1 | | 1,500,000.00 | w/ below |
| Refurbishment 16 Piers | 34.02 | | 1 | SUB | 11,249,550.00 | 11,249,550 |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 50,000.00 | 50,000 |
| Bag Portering | 60.6 | | 21,522,000 | LSUM | 0.0197 | 423,197 |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 1,076,100.00 | 1,076,100 |
| Alternate #1: New Make-Up Pier Replacement | 34.02 | | 1 | SUB | 1,775,615.00 | 1,775,615 |
| Spare Parts | 34.02 | | 1 | SUB | 387,000.00 | 387,000 |
| | | | D1090 Subtotal | | 301.53 | 15,830,223 |
| D20 - PLUMBING | | | | | | |
| D2010 - Plumbing Fixtures | | | | | | |
| Tie in Gutter Drain | 22.00 | 3 | 1 | LSUM | 20,000.00 | 20,000 |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
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Drawing Date: 3/19/2021
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| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|------|-------------|----------------|
| H - Item #8 - Bag Makeup 16 Piers | | | (52,500 GSF) | | | |
| | | | D2010 Subtotal | | 0.38 | 20,000 |
| D2020 - Domestic Water Distribution | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | |
| D3010 - Energy Supply | | | | | | |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3030 Subtotal | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3040 Subtotal | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3090 Subtotal | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | | | | |
| Canopy | | | 1 | LSUM | 40,950.00 | 40,950 |
| | | | - | - | - | 0 |
| | | | D4010 Subtotal | | 0.78 | 40,950 |
| D4020 - Standpipe Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | D4020 Subtotal | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4030 Subtotal | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4090 Subtotal | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | |
| Canopy - Lighting & Power | 26.00 | 3 | 1 | LSUM | 327,600.00 | 327,600 |
| | | | - | - | - | 0 |
| | | | D5010 Subtotal | | 6.24 | 327,600 |
| D5020 - Lighting & Branch Wiring | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
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| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|---------------|-----------|
| H - Item #8 - Bag Makeup 16 Piers | | | (52,500 GSF) | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D5020 Subtotal | | 0.00 | 0 |
| D5030 - Communications & Security | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D5030 Subtotal | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | D5090 Subtotal | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E1010 Subtotal | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E1020 Subtotal | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | 60.1 | | 52,500 | SQFT | 0.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | | 52,500 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | | 52,500 | SQFT | 17.50 | 918,750 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 51,521.77 | 51,522 |
| Airport Escort Vehicles & Operators | 60.4 | | 22 | MO | 3,124.80 | 68,934 |
| Escalation | 60.85 | 100 | 0 | PERC | 21,808,129.81 | 654,244 |
| | | | | | | 0 |
| | | | F1010 Subtotal | | 32.26 | 1,693,450 |
| F1020 - Integrated Construction | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | F1020 Subtotal | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| | | | 31,747 | | | 0 |
| LL1 - Arrivals | | | 47,324 | SQFT | | 0 |
| LL2 - Departures | | | 0 | SQFT | | 0 |
| LL3 - Concourse | | | 8,496 | SQFT | | 0 |
| LL4 - SSCP/ARM | | | 4,558 | SQFT | | 0 |
| | | | | | | 0 |
| Temp Partitions For Phasing and Operations | | | | | | 0 |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 0 | LNFT | 326.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
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Drawing Date: 3/19/2021
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| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|--------|--------------|------------------|
| H - Item #8 - Bag Makeup 16 Piers | | | (52,500 GSF) | | | |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 622.80 | LNFT | 168.00 | 104,630 |
| 15' Drywall Barricade | 60.7 | | 604.80 | LNFT | 178.00 | 107,654 |
| 18' Drywall Barricade | 60.7 | | 496.80 | LNFT | 180.00 | 89,424 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | | 4,200 | SQFT | 73.50 | 308,700 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 95.521 | WEEKS | 850.00 | 81,193 |
| Project Safety Maintenance & Survey | 60.75 | | 22 | WEEKS | 2,960.00 | 65,298 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | 0 |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 22 | MONTH | 21,168.00 | 466,972 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 22 | MONTH | 630.00 | 13,898 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 22 | MONTH | 3,150.00 | 69,490 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 44.1205 | TRIP | 865.00 | 38,164 |
| Dumpster Dump Fees | 60.8 | | 47.8046 | DUMP | 800.00 | 38,244 |
| Recycling Dumpster Fees | 60.8 | | 2.3902 | DUMP | 800.00 | 1,912 |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | PENING | 350.00 | 0 |
| Pest Control | 60.8 | | 22 | MONTH | 100.00 | 2,206 |
| Final Clean-Up - Bldg | 60.8 | | 52,500 | SQFT | 1.50 | 78,750 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | | 2 | EACH | 15,000.00 | 30,000 |
| | | | | | | 0 |
| Demo BLDG Arch | 2.42 | | 52,500 | SQFT | 30.00 | 1,575,000 |
| | | | - | | - | 0 |
| | | | F2010 Subtotal | | 58.51 | 3,071,536 |
| F2020 - Hazardous Components Abatement | | | | | | |
| None Included | | | | LSUM | | w/ Demo |
| | | | - | | - | 0 |
| | | | F2020 Subtotal | | 0.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|------|--------|-----------------------|------|--------------|----------------|
| I - Item #10 T4.5 Core Extended Tug Bag Drop | | | (2,000 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| wall/curb bush & drill epoxy bars | 3.00 | 12 | 22 | LNFT | 1,200.00 | 26,400 |
| Sidewalk & Curb Modifications | 3.00 | 12 | 1 | LSUM | 5,000.00 | 5,000 |
| | | | - | | | 0 |
| | | | A1030 Subtotal | | 15.70 | 31,400 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A2010 Subtotal | | 0.00 | 0 |
| A2020 - Basement Walls | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B1010 Subtotal | | 0.00 | 0 |
| B1020 - Roof Construction | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B1020 Subtotal | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| Exterior 2hr Wall With Plaster | 9.22 | 12 | 55 | LNFT | 575.00 | 31,625 |
| Expansion Joint | 7.92 | 12 | 80 | LNFT | 75.00 | 6,000 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | - | | | 0 |
| | | | B2010 Subtotal | | 18.81 | 37,625 |
| B2020 - Exterior Windows | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| Relocate Existing Exit Door | 8.12 | 12 | 1 | LSUM | 1,800.00 | 1,800 |
| | | | - | | | 0 |
| | | | B2030 Subtotal | | 0.90 | 1,800 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| Beam Soffit for BHS Reroute Adjacent to Expansion Joint | 9.21 | | 1 | LSUM | 100,000.00 | 100,000 |
| | | | - | | | 0 |
| | | | C1010 Subtotal | | 50.00 | 100,000 |
| C1020 - Interior Doors | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | | |
| C2010 - Stair Construction | | | | | | |
| Rework Stairs Landing | 5.50 | 12 | 1 | LSUM | 15,000.00 | 15,000 |
| | | | - | | | 0 |
| | | | C2010 Subtotal | | 7.50 | 15,000 |
| C2020 - Stair Finishes | | | | | | |
| Rework Stairwell | 9.21 | 12 | 600 | SQFT | 60.00 | 36,000 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
 Architect: PGAL

Drawing Date: 3/19/2021
 Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|---------------|----------------|
| I - Item #10 T4.5 Core Extended Tug Bag Drop | | | (2,000 GSF) | | | |
| | | | - | - | - | 0 |
| | | | C2020 Subtotal | | 18.00 | 36,000 |
| C30 - INTERIOR FINISHES | | | | | | |
| C3010 - Wall Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3010 Subtotal | | 0.00 | 0 |
| C3020 - Floor Finishes | | | | | | |
| Tug & Traffic Striping | 33.30 | 12 | 1 | LSUM | 3,500.00 | 3,500 |
| | | | - | - | - | 0 |
| | | | C3020 Subtotal | | 1.75 | 3,500 |
| C3030 - Ceiling Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | | |
| D1010 - Elevators & Lifts | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | | |
| Baggage Handling System (BHS) | | | | | | |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 467,500 | %K | 0.0258 | 12,082 |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 2,000 | SQFT | 31 | 61,333 |
| BHS Demo & Intern Operations | 34.01 | | 1 | SUB | 11,687.50 | w/ Below |
| BHS - Core Extended Tug Bag Drop | 34.02 | | 1 | SUB | 626,025.00 | 626,025 |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 20,000.00 | 20,000 |
| Bag Portering | 60.6 | | 467,500 | LSUM | 0.02 | 8,766 |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 23,375.00 | 23,375 |
| Reroute - Beam Conflict | 34.01 | | 1 | LSUM | 200,000.00 | 200,000 |
| | | | - | - | - | 0 |
| | | | D1090 Subtotal | | 475.79 | 951,581 |
| D20 - PLUMBING | | | | | | |
| D2010 - Plumbing Fixtures | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2010 Subtotal | | 0.00 | 0 |
| D2020 - Domestic Water Distribution | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | |
| D3010 - Energy Supply | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3030 Subtotal | | 0.00 | 0 |
| D3040 - Distribution Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3040 Subtotal | | 0.00 | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|------|--------------|---------------|
| I - Item #10 T4.5 Core Extended Tug Bag Drop | | | (2,000 GSF) | | | |
| D3050 - Terminal & Package Units | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3090 Subtotal | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4010 Subtotal | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4020 Subtotal | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4030 Subtotal | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4090 Subtotal | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5010 Subtotal | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | | | | | |
| Lighting & Exit Signage | 26.00 | 12 | 600 | SQFT | 45.00 | 27,000 |
| | | | - | - | - | 0 |
| | | | D5020 Subtotal | | 13.50 | 27,000 |
| D5030 - Communications & Security | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5030 Subtotal | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5090 Subtotal | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1010 Subtotal | | 0.00 | 0 |
| E1020 - Institutional Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1020 Subtotal | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | | | | |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|--------|--------------|----------------|
| I - Item #10 T4.5 Core Extended Tug Bag Drop | | | (2,000 GSF) | | | |
| | | | - | - | - | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | | | | |
| Code Correction Allowance | 60.1 | | 2,000 | SQFT | 0.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | | 2,000 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | | 2,000 | SQFT | 35.00 | 70,000 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 6,472.52 | 6,473 |
| Airport Escort Vehicles & Operators | 60.4 | | 3 | MO | 3,124.80 | 8,660 |
| Phasing to Support Propriety | 60.2 | | | LSUM | | 0 |
| Phasing to Support Propriety | 60.2 | | | LSUM | | 0 |
| Escalation | 60.85 | 100 | 0 | PERC | 1,473,618.95 | 44,209 |
| | | | - | - | - | 0 |
| | | | F1010 Subtotal | | 64.67 | 129,341 |
| F1020 - Integrated Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1020 Subtotal | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| Temp Partitions For Phasing and Operations | | | | | | |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 50 | LNFT | 326.00 | 16,300 |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 100.00 | LNFT | 168.00 | 16,800 |
| 15' Drywall Barricade | 60.7 | | 0.00 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | | 0.00 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Arrivals Barricade Phasing | 60.7 | | 0 | PHASE | 67,200.00 | 0 |
| FAA Barricade & Relocation | 60.7 | | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 2.771 | WEEKS | 850.00 | 2,356 |
| Project Safety Maintenance & Survey | 60.75 | | 2.77 | WEEKS | 2,960.00 | 8,203 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 3 | MONTH | 21,168.00 | 58,664 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 3 | MONTH | 630.00 | 1,746 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 3 | MONTH | 3,150.00 | 8,730 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 4.0000 | TRIP | 865.00 | 3,460 |
| Dumpster Dump Fees | 60.8 | | 6.0055 | DUMP | 800.00 | 4,804 |
| Recycling Dumpster Fees | 60.8 | | 0.3003 | DUMP | 800.00 | 240 |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | PENING | 350.00 | 0 |
| Pest Control | 60.8 | | 3 | MONTH | 100.00 | 277 |
| Final Clean-Up - Bldg | 60.8 | | 2,000 | SQFT | 1.50 | 3,000 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | | 0 | EACH | 15,000.00 | 0 |
| | | | | | | 0 |
| Demo BLDG Arch | 2.42 | | 2,000 | SQFT | 30.00 | 60,000 |
| | | | - | - | - | 0 |
| | | | F2010 Subtotal | | 92.29 | 184,581 |
| F2020 - Hazardous Components Abatement | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F2020 Subtotal | | 0.00 | 0 |
| | | | | | | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|-------|--------|-----------------------|------|---------------|------------------|
| J - Item #11 - Culvert Connector Conveyor | | | (5,000 GSF) | | | |
| A10 - FOUNDATIONS | | | | | | |
| A1010 - Standard Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A1010 Subtotal | | 0.00 | 0 |
| A1020 - Special Foundations | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A1020 Subtotal | | 0.00 | 0 |
| A1030 - Slab on Grade | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A1030 Subtotal | | 0.00 | 0 |
| A20 - BASEMENT CONSTRUCTION | | | | | | |
| A2010 - Basement Excavation | | | | | | |
| Tunnel Length | | | 111 | LNFT | | 0 |
| Str Demo Ceiling IT Rooms | 2.41 | 21 | 1 | LSUM | 75,000.00 | 75,000 |
| Relocate MEPF | 60.20 | 21 | 1 | LSUM | 100,000.00 | 100,000 |
| Protect existing HH equipment | 60.80 | 21 | 1 | LSUM | 25,000.00 | 25,000 |
| Earth Retention | 2.43 | 21 | 0 | SQFT | 110.00 | 0 |
| Excavation | 2.42 | 21 | 1,055 | CYD | 250.00 | 263,750 |
| Backfill & Stone base | 2.42 | 21 | 792 | CYD | 150.00 | 118,800 |
| Hauloff Soils and Transport | 2.42 | 21 | 1,055 | CYD | 90.00 | 94,950 |
| Mat Slab w/ vapor barrier | 3.00 | 21 | 40 | CYD | 2,250.00 | 90,000 |
| FND Walls | 3.00 | 21 | 45 | CYD | 3,000.00 | 135,000 |
| Support Structural Slab & Beams | 3.00 | 21 | 31 | CYD | 2,750.00 | 85,250 |
| Tie In Existing Str | 3.00 | 21 | 1 | ALLW | 100,000.00 | 100,000 |
| Crashwall | 3.00 | 21 | 11 | CYD | 3,500.00 | 39,200 |
| Waterproofing | 7.17 | 21 | 0 | SQFT | 60.00 | 0 |
| Bollards & Curbs | 3.10 | 21 | 1 | ALLW | 10,000.00 | 10,000 |
| plumbing drain | 22.00 | 21 | 1 | LSUM | 45,000.00 | 45,000 |
| pavement marking | 33.30 | 21 | 1 | LSUM | 10,000.00 | 10,000 |
| Framed tunnel walls at opening | 9.21 | 21 | 50 | LNFT | 600.00 | 30,000 |
| Pedestal | 3.00 | 21 | 4 | CYD | 5,000.00 | 20,000 |
| Slab Infill at Tug Road | 3.00 | 21 | 128 | CYD | 700.00 | 89,600 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | A2010 Subtotal | | 266.31 | 1,331,550 |
| A2020 - Basement Walls | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | A2020 Subtotal | | 0.00 | 0 |
| B10 - SUPERSTRUCTURE | | | | | | |
| B1010 - Floor Construction | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B1010 Subtotal | | 0.00 | 0 |
| B1020 - Roof Construction | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B1020 Subtotal | | 0.00 | 0 |
| B20 - EXTERIOR CLOSURE | | | | | | |
| B2010 - Exterior Walls | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B2010 Subtotal | | 0.00 | 0 |
| B2020 - Exterior Windows | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B2020 Subtotal | | 0.00 | 0 |
| B2030 - Exterior Doors | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B2030 Subtotal | | 0.00 | 0 |
| B30 - ROOFING | | | | | | |
| B3010 - Roof Coverings | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | B3010 Subtotal | | 0.00 | 0 |
| C10 - INTERIOR CONSTRUCTION | | | | | | |
| C1010 - Partitions | | | | | | |
| | | | - | | | 0 |
| | | | - | | | 0 |
| | | | C1010 Subtotal | | 0.00 | 0 |
| C1020 - Interior Doors | | | | | | |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|------|-------------|-------------|
| J - Item #11 - Culvert Connector Conveyor | | | (5,000 GSF) | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1020 Subtotal | | 0.00 | 0 |
| C1030 - Specialties | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C1030 Subtotal | | 0.00 | 0 |
| C20 - STAIRS | | | | | | |
| C2010 - Stair Construction | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C2010 Subtotal | | 0.00 | 0 |
| C2020 - Stair Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C2020 Subtotal | | 0.00 | 0 |
| C30 - INTERIOR FINISHES | | | | | | |
| C3010 - Wall Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3010 Subtotal | | 0.00 | 0 |
| C3020 - Floor Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3020 Subtotal | | 0.00 | 0 |
| C3030 - Ceiling Finishes | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | C3030 Subtotal | | 0.00 | 0 |
| D10 - CONVEYING | | | | | | |
| D1010 - Elevators & Lifts | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1010 Subtotal | | 0.00 | 0 |
| D1020 - Escalators & Moving Walks | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D1020 Subtotal | | 0.00 | 0 |
| D1090 - Other Conveying Systems | | | | | | |
| Baggage Handling System (BHS) | | | | | | |
| Design - Build BHS Contractor/Designer Review | 34.01 | | 561,000 | %K | 0.0258 | w/ Sector E |
| Adj To Design-BHS(Elect, Catwalk, Conveyor) New/Exist MEPF/Str | 60.27 | | 5,000 | SQFT | 0 | n/a |
| BHS Demo & Intern Operations | 34.01 | | 1 | SUB | 0.00 | n/a |
| Oversizes Tunnel BHS | 34.02 | | 1 | SUB | 561,000.00 | w/ Sector E |
| AA Specific Requirements | 34.01 | | 1 | LSUM | 20,000.00 | w/ Sector E |
| Bag Portering | 60.60 | | 561,000 | LSUM | 0.02 | w/ Sector E |
| Engineering & Undefined BHS | 34.01 | | 1 | SUB | 28,050.00 | w/ Sector E |
| | | | - | - | - | 0 |
| | | | D1090 Subtotal | | 0.00 | 0 |
| D20 - PLUMBING | | | | | | |
| D2010 - Plumbing Fixtures | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2010 Subtotal | | 0.00 | 0 |
| D2020 - Domestic Water Distribution | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2020 Subtotal | | 0.00 | 0 |
| D2030 - Sanitary Waste | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2030 Subtotal | | 0.00 | 0 |
| D2040 - Rain Water Drainage | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2040 Subtotal | | 0.00 | 0 |
| D2090 - Other Plumbing Systems | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D2090 Subtotal | | 0.00 | 0 |
| D30 - HVAC | | | | | | |
| D3010 - Energy Supply | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|----------------|------|--------------|---------|
| J - Item #11 - Culvert Connector Conveyor | | | (5,000 GSF) | | | |
| | | | D3010 Subtotal | | 0.00 | 0 |
| D3020 - Heat Generating Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3020 Subtotal | | 0.00 | 0 |
| D3030 - Cooling Generating Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3030 Subtotal | | 0.00 | 0 |
| D3040 - Distribution Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3040 Subtotal | | 0.00 | 0 |
| D3050 - Terminal & Package Units | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3050 Subtotal | | 0.00 | 0 |
| D3060 - Controls & Instrumentation | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3060 Subtotal | | 0.00 | 0 |
| D3070 - Systems Testing & Balancing | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3070 Subtotal | | 0.00 | 0 |
| D3090 - Other HVAC Systems & Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D3090 Subtotal | | 0.00 | 0 |
| D40 - FIRE PROTECTION | | | | | | |
| D4010 - Sprinklers | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4010 Subtotal | | 0.00 | 0 |
| D4020 - Standpipe Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4020 Subtotal | | 0.00 | 0 |
| D4030 - Fire Protection Specialties | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4030 Subtotal | | 0.00 | 0 |
| D4090 - Other Fire Protection Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D4090 Subtotal | | 0.00 | 0 |
| D50 - ELECTRICAL | | | | | | |
| D5010 - Electrical Service & Distribution | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5010 Subtotal | | 0.00 | 0 |
| D5020 - Lighting & Branch Wiring | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5020 Subtotal | | 0.00 | 0 |
| D5030 - Communications & Security | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5030 Subtotal | | 0.00 | 0 |
| D5090 - Other Electrical Services | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | D5090 Subtotal | | 0.00 | 0 |
| E10 - EQUIPMENT | | | | | | |
| E1010 - Commercial Equipment | | | | | | |
| Code Correction Allowance | 60.1 | | 5,000 | SQFT | 0.00 | 0 |
| Conflict / Phasing MEP Reroute | 60.2 | | 5,000 | SQFT | 0.00 | 0 |
| Adj To Design- New/Exist MEPF to Structure and Architecture | 60.25 | | 5,000 | SQFT | 64.10 | 320,500 |
| Escorting and Firewatch Personnel | 60.4 | | 1 | LSUM | 42,071.36 | 42,071 |
| Airport Escort Vehicles & Operators | 60.4 | | 18.0139 | MO | 3,124.80 | 56,290 |
| Phasing to Support Propriety | 60.2 | | | LSUM | | 0 |
| Phasing to Support Propriety | 60.2 | | | LSUM | | 0 |
| Escalation | 60.85 | 100 | 0 | PERC | 1,779,575.06 | 53,387 |
| | | | - | - | - | 0 |

T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|---|-------|--------|-----------------------|-------|--------------|----------------|
| J - Item #11 - Culvert Connector Conveyor | | | (5,000 GSF) | | | |
| | | | E1010 Subtotal | | 94.45 | 472,248 |
| E1020 - Institutional Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1020 Subtotal | | 0.00 | 0 |
| E1030 - Vehicular Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1030 Subtotal | | 0.00 | 0 |
| E1090 - Other Equipment | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E1090 Subtotal | | 0.00 | 0 |
| E20 - FURNISHINGS | | | | | | |
| E2010 - Fixed Furnishings | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2010 Subtotal | | 0.00 | 0 |
| E2020 - Moveable Furnishings | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | E2020 Subtotal | | 0.00 | 0 |
| F10 - SPECIAL CONSTRUCTION | | | | | | |
| F1010 - Special Structures | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1010 Subtotal | | 0.00 | 0 |
| F1020 - Integrated Construction | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1020 Subtotal | | 0.00 | 0 |
| F1030 - Special Construction Systems | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1030 Subtotal | | 0.00 | 0 |
| F1040 - Special Facilities | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1040 Subtotal | | 0.00 | 0 |
| F1050 - Special Controls & Instrumentation | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F1050 Subtotal | | 0.00 | 0 |
| F20 - SELECTIVE BUILDING DEMOLITION | | | | | | |
| F2010 - Building Elements Demolition | | | | | | |
| None Included | | | | LSUM | | 0 |
| Dumpsters | | | | PULL | | 0 |
| Temp Partitions | | | | SQFT | | 0 |
| Temp Partitions For Phasing and Operations | | | | | | 0 |
| 8' Painted Wood Barricade | 60.7 | | 0 | LNFT | 290.00 | 0 |
| 10' Painted Wood Barricade | 60.7 | | 0 | LNFT | 326.00 | 0 |
| 13' Painted Wood Barricade | 60.7 | | 0 | LNFT | 386.00 | 0 |
| Gates & Doors | 60.7 | | 0 | LSUM | 67,800.00 | 0 |
| 8' Drywall barricade | 60.7 | | 0 | LNFT | 105.00 | 0 |
| 12' Drywall Barricade | 60.7 | | 0.00 | LNFT | 168.00 | 0 |
| 15' Drywall Barricade | 60.7 | | 0.00 | LNFT | 178.00 | 0 |
| 18' Drywall Barricade | 60.7 | | 0.00 | LNFT | 180.00 | 0 |
| 25' Drywall Barricade - Drywall 12' Visqueen 13' | 60.7 | | 0 | LNFT | 190.50 | 0 |
| 45' Drywall Barricade - Drywall 12' Visqueen 33' | 60.7 | | 0 | LNFT | 260.50 | 0 |
| Tug Road Excavation - Trade Safety Barricades | 60.7 | | 80 | LNFT | 105.00 | 8,400 |
| FAA Barricade & Relocation | 60.7 | | 0 | LNFT | 75.00 | 0 |
| South Wall Debris Netting | 60.7 | | 0 | LSUM | 75,000.00 | 0 |
| Temporary Blastwall | 60.7 | | 0 | LNFT | 1,333.33 | 0 |
| Working Platform (inc temp MEPF, Dust & Roofing) | 60.7 | | 0 | SQFT | 73.50 | 0 |
| Maintain Barricades Per LAWA Direction | 60.7 | | 12 | WEEKS | 850.00 | 10,200 |
| Project Safety Maintenance & Survey | 60.75 | | 12 | WEEKS | 592.00 | 7,104 |
| | | | | | | 0 |
| Daily Cleanup Crew / General Labor | | | | | | 0 |
| 1 Laborers Day Shift or 1 Night Shift | 60.8 | | 0 | MONTH | 21,168.00 | 0 |
| HP Craft Parking - Cleanup Labor | 60.8 | | 0 | MONTH | 630.00 | 0 |
| HP Craft Parking - 5 each Gen Labor | 60.8 | | 0 | MONTH | 3,150.00 | 0 |
| Street Sweeping - 4 Hr Min/Trip (5/PLB) | 60.8 | | 4.0000 | TRIP | 865.00 | 3,460 |
| Dumpster Dump Fees | 60.8 | | 0.0000 | DUMP | 800.00 | 0 |
| Recycling Dumpster Fees | 60.8 | | 0.0000 | DUMP | 800.00 | 0 |
| Recycling Dumpster Fees - FFE | 60.8 | | 0 | DUMP | 800.00 | 0 |

**T4/T5 Baggage Handling System GMP
Back-Up Estimate Detail**

Owner: LAWA
Architect: PGAL

Drawing Date: 3/19/2021
Revision No: 60% Progress Set

| PARAMETER / ITEM OF WORK | FSR | USER 3 | QUANTITY | UNIT | \$/UNIT | TOTAL |
|--|------|--------|-----------------------|--------|-------------|---------------|
| J - Item #11 - Culvert Connector Conveyor | | | (5,000 GSF) | | | |
| Trash Chutes, Temporary Openings (Phasing) | 60.8 | | 0 | PENING | 350.00 | 0 |
| Pest Control | 60.8 | | 0 | MONTH | 100.00 | 0 |
| Final Clean-Up - Bldg | 60.8 | | #REF! | SQFT | 1.50 | 0 |
| Final Clean-Up - Exterior Skin New Construction | 60.8 | | 0 | SQFT | 1.00 | 0 |
| Final Clean-Up - Site - 43,560 SF = Acre | 60.8 | | 0 | ACRE | 2,000.00 | 0 |
| Site Dewatering after Rain Events (6 Labor Hrs/Wk) | 60.8 | | 0 | WEEK | 1,350.00 | 0 |
| Rain Event Cleanup and Remediation | 60.8 | | 0 | EACH | 15,000.00 | 0 |
| | | | | | | 0 |
| | | | - | - | - | 0 |
| | | | F2010 Subtotal | | 5.83 | 29,164 |
| F2020 - Hazardous Components Abatement | | | | | | |
| | | | - | - | - | 0 |
| | | | - | - | - | 0 |
| | | | F2020 Subtotal | | 0.00 | 0 |



HENSEL PHELPS
Plan. Build. Manage.

General Conditions & General Requirements

GENERAL CONDITIONS AND GENERAL REQUIREMENTS

July 2021 thru January 2028 GC/GR's (79 Months)

Construction: 69 Months

Total Construction & Precon: 83 Months

LAWA T4 Baggage Handling System Upgrades

| | | | MATERIAL | | EQUIP./SUBS. | | LABOR | | | |
|--|----------|---------|-----------|--------|--------------|---------|------------|------------|--------------|---------------|
| | QUANTITY | UNIT | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | Unit Price | TOTAL |
| STAFFING | | | | | | | | | | \$ 21,424,937 |
| 2021 THRU 2028 - SEE STAFFING CHART | 1 | LS | - | - | - | - | 21,424,937 | 21,424,937 | 21,424,937 | \$ 21,424,937 |
| IT LEASE | | | | | | | | | | \$ 197,500 |
| 2021 THRU 2028 - IT LEASED EQUIPMENT | 79 | MO | | | 2,500 | 197,500 | - | - | - | \$ 197,500.00 |
| STAFF SUPPORT | | | | | | | | | | \$ 834,840 |
| PROJECT SPONSORED EVENTS (2 / YEAR) | | EA | - | - | 10,000 | - | - | - | \$ 10,000.00 | \$ - |
| FIELD ENGINEERING EQUIPMENT & SUPPLIES | 158 | STAFFMO | 100.00 | 15,800 | 50.00 | 7,900 | - | - | \$ 150.00 | \$ 23,700 |
| FIELD ENGINEERING EQUIPMENT - TOTAL STATION | | EACH | 35,000.00 | - | - | - | - | - | \$ 35,000.00 | \$ - |
| HP EMPLOYEE PARKING | 790 | STAFFMO | - | - | 866.00 | 684,140 | - | - | \$ 866.00 | \$ 684,140 |
| PARTNERING EVENTS (2 PER YEAR) | 10 | EACH | 5,000.00 | 50,000 | - | - | - | - | \$ 5,000.00 | \$ 50,000 |
| PROJECT MEETINGS (4 PER YEAR) | | EACH | 3,000.00 | - | - | - | - | - | \$ 3,000.00 | \$ - |
| JOBSITE REQ'D TRAVEL (ASSUMES 2 STAFF/TRIP 3X/YR) | 15 | TRIP | - | - | 2,500.00 | 37,500 | - | - | \$ 2,500.00 | \$ 37,500 |
| M6 VEO SOFTWARE LICENSE | 79 | MO | - | - | 500.00 | 39,500 | - | - | \$ 500.00 | \$ 39,500 |
| PRINTING AND DOCUMENTATION | | | | | | | | | | \$ 137,775 |
| HPCC STAFF PLANS | 10 | SET | 900.00 | 9,000 | - | - | - | - | \$ 900.00 | \$ 9,000 |
| PROGRESS PRINTS | 20 | SET | 500.00 | 10,000 | - | - | - | - | \$ 500.00 | \$ 10,000 |
| BID PACKAGE PRINTING | 5 | EA | 850.00 | 4,250 | - | - | - | - | \$ 850.00 | \$ 4,250 |
| MEP COORDINATION PRINTING | | MO | 750.00 | - | - | - | - | - | \$ 750.00 | \$ - |
| AS-BUILT DRAWINGS | 10 | SET | 2,500.00 | 25,000 | - | - | - | - | \$ 2,500.00 | \$ 25,000 |
| SUBMITTAL PRINTING | | MO | 750.00 | - | - | - | - | - | \$ 750.00 | \$ - |
| SCANNING SERVICE AND ELECTRONIC STORAGE | 79 | MO | - | - | 475.00 | 37,525 | - | - | \$ 475.00 | \$ 37,525 |
| SCANNING AS-BUILTS DRAWINGS | | SHTS | - | - | 1.50 | - | - | - | \$ 1.50 | \$ - |
| O & M MANUALS | 20 | SETS | 350.00 | 7,000 | - | - | - | - | \$ 350.00 | \$ 7,000 |
| FINAL PROJECT PROFESSIONAL PHOTOS | 1 | LS | - | - | 15,000.00 | 15,000 | - | - | \$ 15,000.00 | \$ 15,000 |
| DOCUMENT HYPERLINKING | 1 | LS | - | - | 30,000.00 | 30,000 | - | - | \$ 30,000.00 | \$ 30,000 |
| JOBSITE OFFICE | | | | | | | | | | \$ 540,650 |
| PMO / FIELD OFFICE | | | | | | | | | | |
| RENT (to LAWA) | 79 | MO | - | - | 2,000.00 | 158,000 | - | - | \$ 2,000.00 | \$ 158,000 |
| MAINTENANCE AND REPAIRS | 20 | MO | 100.00 | 2,000 | 150.00 | 3,000 | 200.00 | 4,000 | \$ 450.00 | \$ 9,000 |
| INCIDENTAL LABOR AT PMO OFFICE (2 man days/MO) | | MO | - | - | - | - | 1,040.00 | - | \$ 1,040.00 | \$ - |
| BUILD OUT INTERIOR | 50 | SF | - | - | 55.00 | 2,750 | - | - | \$ 55.00 | \$ 2,750 |
| SYSTEMS FURNITURE | | MO | - | - | - | - | - | - | \$ - | \$ - |
| OFFICE FURNITURE LEASE | 79 | MO | - | - | 250.00 | 19,750 | - | - | \$ 250.00 | \$ 19,750 |
| MOVING COSTS | 1 | EA | - | - | 15,000.00 | 15,000 | 7,500.00 | 7,500 | \$ 22,500.00 | \$ 22,500 |
| FAX MACHINE | | EA | 300.00 | - | - | - | - | - | \$ 300.00 | \$ - |
| PAYROLL COMPLIANCE SOFTWARE (LCP TRACKER) | 6 | YR | - | - | 10,000.00 | 60,000 | - | - | \$ 10,000.00 | \$ 60,000 |
| OFFICE COPIERS / PRINTERS / PLOTTER - PMO | 20 | MO | 2,000.00 | 40,000 | - | - | - | - | \$ 2,000.00 | \$ 40,000 |
| SMALL PRINTERS | 2 | EA | 500.00 | 1,000 | - | - | - | - | \$ 500.00 | \$ 1,000 |
| OFFICE NETWORK MAINTENANCE | 20 | MO | 200.00 | 4,000 | - | - | - | - | \$ 200.00 | \$ 4,000 |
| CONFERENCE MONITORS & DONGLES | 2 | EA | 5,000.00 | 10,000 | - | - | - | - | \$ 5,000.00 | \$ 10,000 |
| DIGITAL WHITEBOARD | | EA | 5,000.00 | - | - | - | - | - | \$ 5,000.00 | \$ - |
| POSTAGE & SHIPPING - GENERAL | 20 | MO | 700.00 | 14,000 | - | - | - | - | \$ 700.00 | \$ 14,000 |
| RADIO BASE STATION | | EA | - | - | 4,000.00 | - | - | - | \$ 4,000.00 | \$ - |
| RADIOS | | EA | - | - | 500.00 | - | - | - | \$ 500.00 | \$ - |
| OFFICE JANITORIAL SERVICE | | MO | 400.00 | - | 2,500.00 | - | - | - | \$ 2,900.00 | \$ - |
| BULLETIN BOARDS (OSHA) | 10 | EA | 400.00 | 4,000 | - | - | - | - | \$ 400.00 | \$ 4,000 |
| PLOTTER CONSUMABLES - FIELD OFFICE | | MO | 200.00 | - | 200.00 | - | - | - | \$ 400.00 | \$ - |
| UTILITIES TO PMO / FIELD OFFICE | | | | | | | | | | |
| WATER & SEWER USAGE COST (W/OWNER LEASE) | | MO | - | - | - | - | - | - | \$ - | By Owner |
| POWER USAGE COST (W/OWNER LEASE) | | MO | - | - | - | - | - | - | \$ - | By Owner |
| TELEPHONE SERVICE - INSTALL | | EA | - | - | - | - | - | - | \$ - | By Owner |
| TELEPHONE HEADEND EQUIPMENT | | EA | - | - | - | - | - | - | \$ - | By Owner |
| TELEPHONE EQUIPMENT PURCHASE (HANDSETS) | 2 | EA | - | - | 350.00 | 700 | - | - | \$ 350.00 | \$ 700 |
| TELEPHONE & INTERNET USAGE COST | 26 | MO | 2,000.00 | 52,000 | - | - | - | - | \$ 2,000.00 | \$ 52,000 |
| POWER AND DATA HOOKUPS | 1 | LS | - | - | 75,000.00 | 75,000 | - | - | \$ 75,000.00 | \$ 75,000 |
| TELEPHONE & INTERNET SET UP COST | 1 | LS | - | - | 7,000.00 | 7,000 | - | - | \$ 7,000.00 | \$ 7,000 |
| LAYDOWN YARD | | | | | | | | | | |
| RENT (to LAWA) | | MO | - | - | - | - | - | - | \$ - | By Owner |
| BULLETIN BOARDS (OSHA) | 1 | EA | 400.00 | 400 | - | - | - | - | \$ 400.00 | \$ 400 |
| MAINTENANCE AND REPAIRS | 79 | MO | 100.00 | 7,900 | 150.00 | 11,850 | 200.00 | 15,800 | \$ 450.00 | \$ 35,550 |
| SECURITY SYSTEM | 1 | LS | - | - | 25,000.00 | 25,000 | - | - | \$ 25,000.00 | \$ 25,000 |
| CONSULTANTS | | | | | | | | | | \$ 1,149,850 |
| PROFESSIONAL SURVEYOR - CONTROL / EXT CONDITIONS | 400 | HR | - | - | 285.00 | 114,000 | - | - | \$ 285.00 | \$ 114,000 |
| PROFESSIONAL SURVEYOR - APRON AS-BUILTS | 120 | HR | - | - | 285.00 | 34,200 | - | - | \$ 285.00 | \$ 34,200 |
| PROFESSIONAL SURVEYOR - INTERIOR ARCHITECTURAL SURVEYS | 50 | HR | - | - | 285.00 | 14,250 | - | - | \$ 285.00 | \$ 14,250 |

GENERAL CONDITIONS AND GENERAL REQUIREMENTS

July 2021 thru January 2028 GC/GR's (79 Months)

Construction: 69 Months

Total Construction & Precon: 83 Months

LAWA T4 Baggage Handling System Upgrades

| | QUANTITY | UNIT | MATERIAL | | EQUIP./SUBS. | | LABOR | | Unit Price | TOTAL |
|--|----------|------|-----------|---------|--------------|---------|----------|--------|--------------|-------------------|
| | | | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | | |
| LASER SCANNING AND CLOUD MAPPING | 300 | HR | - | - | 300.00 | 90,000 | - | - | \$ 300.00 | \$ 90,000 |
| PEER CONSULTANTS - STRUCTURAL | 100 | HR | - | - | 500.00 | 50,000 | - | - | \$ 500.00 | \$ 50,000 |
| PEER CONSULTANTS - EXTERIOR ENCLOSURE | 50 | HR | - | - | 300.00 | 15,000 | - | - | \$ 300.00 | \$ 15,000 |
| BIM CONSULTANT | 200 | HR | - | - | 200.00 | 40,000 | - | - | \$ 200.00 | \$ 40,000 |
| SCHEDULING CONSULTANT | 160 | HR | - | - | 150.00 | 24,000 | - | - | \$ 150.00 | \$ 24,000 |
| PHASING CONSULTANT | 1 | EA | - | - | 50,000.00 | 50,000 | - | - | \$ 50,000.00 | \$ 50,000 |
| THIRD PARTY WATER INTRUSION CONSULTANT | 100 | HR | - | - | 200.00 | 20,000 | - | - | \$ 200.00 | \$ 20,000 |
| INDEPENDENT COST AUDITOR | 960 | HR | - | - | 165.00 | 158,400 | - | - | \$ 165.00 | \$ 158,400 |
| HP SERVICES - OPERATIONAL READINESS | 20 | MO | - | - | 27,000.00 | 540,000 | - | - | \$ 27,000.00 | \$ 540,000 |
| COMMISSIONING AGENT | | HR | - | - | - | - | - | - | - | By Owner |
| SAFETY | | | | | | | | | | \$ 230,950 |
| PRE-EMPLOYMENT DRUG SCREEN | 20 | EA | - | - | 260.00 | 5,200 | - | - | \$ 260.00 | \$ 5,200 |
| SAFETY ORIENTATION MATERIALS | 5 | LOT | - | - | 10,000.00 | 50,000 | - | - | \$ 10,000.00 | \$ 50,000 |
| SAFETY EQUIPMENT AND CONSUMABLES | 20 | MO | 1,000.00 | 20,000 | - | - | - | - | \$ 1,000.00 | \$ 20,000 |
| SAFETY SIGNAGE | 20 | MO | 500.00 | 10,000 | - | - | - | - | \$ 500.00 | \$ 10,000 |
| CRAFT SAFETY AWARDS + INCENTIVES | 20 | MO | 1,000.00 | 20,000 | - | - | - | - | \$ 1,000.00 | \$ 20,000 |
| SAFETY EVENTS (CRAFT APPRECIATION) | 2 | EA | 10,000.00 | 20,000 | - | - | - | - | \$ 10,000.00 | \$ 20,000 |
| FIRST AID CABINETS | 18 | EA | 300.00 | 5,400 | - | - | - | - | \$ 300.00 | \$ 5,400 |
| FIRST AID SUPPLIES | 20 | MO | 250.00 | 5,000 | - | - | - | - | \$ 250.00 | \$ 5,000 |
| FIRE EXTINGUISHERS (1 EA / 300SF) (PHASED) | 18 | EA | 75.00 | 1,350 | - | - | - | - | \$ 75.00 | \$ 1,350 |
| FIRE EXTINGUISHER MAINTENANCE | 20 | MO | - | - | 250.00 | 5,000 | 250.00 | 5,000 | \$ 500.00 | \$ 10,000 |
| FIRE EXTINGUISHER RE-CERTIFICATION | 18 | EA | - | - | 2,500.00 | 45,000 | 500.00 | 9,000 | \$ 3,000.00 | \$ 54,000 |
| MOVABLE BARRICADES (BIKE RACKS & ACCORDIAN) | 100 | EA | 300.00 | 30,000 | - | - | - | - | \$ 300.00 | \$ 30,000 |
| SECURITY AND BADGING | | | | | | | | | | \$ - |
| SECURITY CAMERA COUD SERVICE / CELLULAR CONNECTION | | MO | - | - | 500.00 | - | - | - | \$ 500.00 | \$ - |
| TEMPORARY CONSTRUCTION | | | | | | | | | | \$ 279,400 |
| LADDERS | 10 | EA | 500.00 | 5,000 | - | - | - | - | \$ 500.00 | \$ 5,000 |
| SCAFFOLDING RENTAL | 18 | MO | - | - | 10,000.00 | 180,000 | - | - | \$ 10,000.00 | \$ 180,000 |
| STORAGE (CONEX) BOXES | 2 | EA | - | - | 5,000.00 | 10,000 | 3,700.00 | 7,400 | \$ 8,700.00 | \$ 17,400 |
| SHADE/LUNCH SHELTER | 2 | EA | - | - | 5,000.00 | 10,000 | - | - | \$ 5,000.00 | \$ 10,000 |
| PROJECT SIGN | | EA | 800.00 | - | 150.00 | - | 300.00 | - | \$ 1,250.00 | \$ - |
| MISC. JOBSITE SIGNS | 20 | MO | 400.00 | 8,000 | 150.00 | 3,000 | 300.00 | 6,000 | \$ 850.00 | \$ 17,000 |
| PORTABLE TOILETS (cleaned 3x per week) | 20 | MO | - | - | 2,000.00 | 40,000 | - | - | \$ 2,000.00 | \$ 40,000 |
| HAND WASH STATIONS (cleaned 3x per week) | 20 | MO | - | - | - | - | - | - | \$ - | \$ - |
| CONSTRUCTION WATER USAGE COST (METER RENTAL ONLY) | 20 | MO | - | - | 500.00 | 10,000 | - | - | \$ 500.00 | \$ 10,000 |
| CONSTRUCTION POWER USAGE COST (W/OWNER LEASE) | 0 | MO | - | - | - | - | - | - | \$ - | By Owner |
| SWPPP IMPLEMENTATION | | | | | | | | | | \$ 176,670 |
| SWPP PLAN - DEVELOPMENT AND PERMIT | 2 | LS | - | - | 10,000.00 | 20,000 | - | - | \$ 10,000.00 | \$ 20,000 |
| PERIMETER SWPPP MEASURES | 5000 | LF | 3.00 | 15,000 | - | - | 3.00 | 15,000 | \$ 6.00 | \$ 30,000 |
| PERIMETER SAND BAGS | 5000 | LF | 2.00 | 10,000 | - | - | 0.75 | 3,750 | \$ 2.75 | \$ 13,750 |
| INLET FABRIC AND SAND BAGS | 20 | EACH | 200.00 | 4,000 | - | - | 60.00 | 1,200 | \$ 260.00 | \$ 5,200 |
| EXIT ROCK / RATTLE PLATES | 2 | EACH | 15,000.00 | 30,000 | 500.00 | 1,000 | 1,000.00 | 2,000 | \$ 16,500.00 | \$ 33,000 |
| SWPP MAINTENANCE - 2 HR/WEEK | 79 | MO | 300.00 | 23,700 | - | - | 580.00 | 45,820 | \$ 880.00 | \$ 69,520 |
| HPCC EMPLOYEE CERTIFICATION | 4 | EACH | - | - | 1,000.00 | 4,000 | 300.00 | 1,200 | \$ 1,300.00 | \$ 5,200 |
| QUALITY CONTROL AND INSPECTION | | | | | | | | | | \$ 335,350 |
| QC REFERENCE DOCUMENTS / EQUIPMENT | 20 | MO | 80.00 | 1,600 | 150.00 | 3,000 | - | - | \$ 230.00 | \$ 4,600 |
| QC TESTING | | LS | - | - | - | - | - | - | \$ - | By Owner |
| SLAB MOISTURE TESTING | 4 | EA | - | - | 250.00 | 1,000 | - | - | \$ 250.00 | \$ 1,000 |
| EXTERIOR CLOSURE WEATHER TESTING | 2 | EA | - | - | 5,000.00 | 10,000 | - | - | \$ 5,000.00 | \$ 10,000 |
| HAZMAT TESTING & INSPECTIONS | 50 | EA | 3,000.00 | 150,000 | - | - | - | - | \$ 3,000.00 | \$ 150,000 |
| HAZMAT SURVEY | 1 | LS | - | - | 50,000.00 | 50,000 | - | - | \$ 50,000.00 | \$ 50,000 |
| PRECONSTRUCT PHOTO SURVEY | 2 | LS | - | - | 5,000.00 | 10,000 | - | - | \$ 5,000.00 | \$ 10,000 |
| TESTING & INSPECTION | | LS | - | - | - | - | - | - | \$ - | By Owner |
| ENVELOPE CONSULTANT | | LS | - | - | - | - | - | - | \$ - | By Owner |
| QUALITY CONTROL PROGRAM | 79 | MO | - | - | 250.00 | 19,750 | - | - | \$ 250.00 | \$ 19,750 |
| ENGINEERING JUDGMENTS AND UL CERTIFICATIONS | 18 | EA | - | - | 5,000.00 | 90,000 | - | - | \$ 5,000.00 | \$ 90,000 |
| TEMPORARY BUILDING PROTECTION AND CLIMATE CONTROL | | | | | | | | | | \$ 331,625 |
| ROOF PROTECTION | 5000 | SQFT | 5.00 | 25,000 | - | - | 5.00 | 25,000 | \$ 10.00 | \$ 50,000 |
| FLOOR PROTECTION | 40000 | SQFT | 3.50 | 140,000 | - | - | 1.50 | 60,000 | \$ 5.00 | \$ 200,000 |
| DOOR PROTECTION | 25 | EACH | 30.00 | 750 | - | - | 35.00 | 875 | \$ 65.00 | \$ 1,625 |
| WALL PROTECTION | 40000 | SQFT | 1.00 | 40,000 | - | - | 1.00 | 40,000 | \$ 2.00 | \$ 80,000 |
| HOISTING | | | | | | | | | | \$ 144,000 |
| FORKLIFT - OPERATED - LAYDOWN AREA | 20 | MO | 600.00 | 12,000 | 3,000.00 | 60,000 | - | - | \$ 3,600.00 | \$ 72,000 |
| FORKLIFT - OPERATED - SITE NIGHT SHIFT OPERATOR | 20 | MO | 600.00 | 12,000 | 3,000.00 | 60,000 | - | - | \$ 3,600.00 | \$ 72,000 |

GENERAL CONDITIONS AND GENERAL REQUIREMENTS

July 2021 thru January 2028 GC/GR's (79 Months)

Construction: 69 Months

Total Construction & Precon: 83 Months

LAWA T4 Baggage Handling System Upgrades

| | QUANTITY | UNIT | MATERIAL | | EQUIP./SUBS. | | LABOR | | Unit Price | TOTAL |
|-------------------------------------|----------|------|----------|-------------------|--------------|---------------------|---------|----------------------|-------------|----------------------|
| | | | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | \$/UNIT | AMOUNT | | |
| VEHICLES AND EQUIPMENT | | | | | | | | | | \$ 342,000 |
| JOB PICKUP TRUCK | 20 | MO | 300.00 | 6,000 | 550.00 | 11,000 | | | \$ 850.00 | \$ 17,000 |
| LIGHT PLANTS | 20 | MO | 250.00 | 5,000 | 400.00 | 8,000 | 150.00 | 3,000 | \$ 800.00 | \$ 16,000 |
| COMPRESSOR / TOOLS | 20 | MO | - | - | 1,500.00 | 30,000 | - | - | \$ 1,500.00 | \$ 30,000 |
| TRAILER FUEL FOR EQUIPMENT | 10 | MO | - | - | 2,000.00 | 20,000 | - | - | \$ 2,000.00 | \$ 20,000 |
| JOBSITE VAN | 20 | MO | - | - | 700.00 | 14,000 | - | - | \$ 700.00 | \$ 14,000 |
| 2 TON TRUCK | 10 | MO | - | - | 700.00 | 7,000 | - | - | \$ 700.00 | \$ 7,000 |
| OFFSITE FREIGHT SERVICE / HAULING | 48 | MO | - | - | 1,000.00 | 48,000 | - | - | \$ 1,000.00 | \$ 48,000 |
| GENERAL REPAIRS & MAINTENANCE | 20 | MO | - | - | 1,000.00 | 20,000 | - | - | \$ 1,000.00 | \$ 20,000 |
| SMALL TOOLS | 20 | MO | - | - | 5,500.00 | 110,000 | - | - | \$ 5,500.00 | \$ 110,000 |
| MISC EQUIPMENT RENTAL | 20 | MO | - | - | 3,000.00 | 60,000 | - | - | \$ 3,000.00 | \$ 60,000 |
| TOTAL | | | | | | | | | | |
| TOTAL GCs + GRs | | | | \$ 856,150 | | \$ 3,591,915 | | \$ 21,677,482 | | \$ 26,125,547 |
| TOTAL - General Requirements | | | | \$ 599,800 | | \$ 2,164,800 | | \$ 225,245 | | \$ 2,989,845 |
| TOTAL - General Conditions | | | | \$ 256,350 | | \$ 1,427,115 | | \$ 21,452,237 | | \$ 23,135,702 |

GC+GR Total \$ 26,125,547



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Design Fees

LAX T4/S BHS Design Build Fees
8/12/2021

| Company | Services Provided | Duration | Assumed Hours | Rate | Fees | Notes |
|--|---|--|-------------------------|-----------------|-----------------|---|
| Cage | MEC & CR Design Coordination | July 2021 through December 2021 (6 months) | 0 | \$ - | \$ 41,435.88 | |
| | Peer Review MEC | July 2021 through December 2021 (6 months) | 0 | \$ - | \$ 78,603.50 | |
| | Peer Review Main BHS | January 2022 through December 2022 (12 months) | 0 | \$ - | \$ 103,628.19 | |
| | QA Site Management/Coordination | July 2021 through December 2021 (78 months) | 0 | \$ - | \$ 1,179,010.89 | |
| | Weekly BHS Meeting | July 2021 through June 2022 (52 Weeks) | 0 | \$ - | \$ 40,851.80 | |
| | Monthly BHS Meeting | July 2022 through December 2022 (66 months) | 0 | \$ - | \$ 51,714.24 | |
| | Expenses | July 2022 through December 2022 (66 months) | | | \$ 206,448.00 | |
| | Manual Encode and Control Room Further Developm | April 19 through August 15 | 400 | \$ 180.00 | \$ 72,000.00 | Further development of enabling work until DB is online |
| | Cost to date | | | | \$ 225,000.00 | |
| | Addenda Drawings | March 19 through April 16 | 440 | \$ 172.92 | \$ 76,084.80 | |
| | | | | \$ 2,074,777.30 | | |
| PGAL | Management | June 2021 through December 2022 (66 months) | 300 | \$ 230.00 | \$ 69,000.00 | |
| | LAWA and DB Catch-up | July 19 through January 25 (10 months) | 500 | \$ 200.00 | \$ 100,000.00 | Assumed time to orient and educate new team members |
| | BHS related development drawings to 90% | April 19 through May 30 | | | \$ 100,000.00 | |
| | BHS related development drawings to 90% | June 1 through August 15 | | | \$ 100,000.00 | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ 75,000.00 | |
| | Weekly BHS Meeting | July 2021 through June 2022 (52 Weeks) | 360 | \$ 200.00 | \$ 72,000.00 | |
| | Monthly BHS Meeting | July 2022 through December 2022 (66 months) | 450 | \$ 200.00 | \$ 90,000.00 | |
| | BHS DB Changes | | | | \$ 250,000.00 | Assumed Changes to 90% Drawings |
| | Cost to date | | | | \$ 300,000.00 | |
| | Construction Administration | | | | \$ 40,000.00 | |
| | Permitting | | | | \$ 10,000.00 | Permitting of enabling package |
| | | | | | \$ 1,306,000.00 | |
| | Saiful Bouquet | BHS related development drawings to 90% | April 19 through May 30 | | | \$ 25,000.00 |
| BHS related development drawings to 90% | | June 1 through August 15 | | | \$ 25,000.00 | |
| BHS related development drawings to 100% | | August 15 through January 25 | | | \$ 40,000.00 | |
| BHS DB Changes | | | | | \$ 50,000.00 | Assumed Changes to 90% Drawings |
| Cost to date | | | | | \$ 50,000.00 | |
| | | | | \$ 190,000.00 | | |
| PBS | BHS related development drawings to 90% | April 19 through May 30 | | | \$ 15,000.00 | |
| | BHS related development drawings to 90% | June 1 through August 15 | | | \$ 15,000.00 | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ 30,000.00 | |
| | Construction Administration | | | | \$ 50,000.00 | Assumed Changes to 90% Drawings |
| | BHS DB Changes | | | | \$ 30,000.00 | |
| | Cost to date | | | | \$ 30,000.00 | |
| | | | | \$ 140,000.00 | | |
| Burns & McDonnell | BHS related development drawings to 90% | April 19 through August 15 | | | \$ - | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ - | |
| | Construction Administration | | | | \$ 10,000.00 | |
| | BHS DB Changes | | | | \$ - | |
| | Cost to date | | | | \$ 20,000.00 | |
| | | | | \$ 30,000.00 | | |
| Moye | BHS related development drawings to 90% | April 19 through May 30 | | | \$ 10,000.00 | |
| | BHS related development drawings to 90% | June 1 through August 15 | | | \$ 10,000.00 | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ - | |
| | Construction Administration | | | | \$ 10,000.00 | |
| | BHS DB Changes | | | | \$ 15,000.00 | |
| | | | | \$ 45,000.00 | | |
| AERO | BHS related development drawings to 90% | April 19 through August 15 | | | \$ - | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ - | |
| | Construction Administration | | | | \$ - | |
| | BHS DB Changes | | | | \$ - | |
| | Cost to date | | | | \$ 15,000.00 | |
| | | | | \$ 15,000.00 | | |
| NVS | BHS related development drawings to 90% | April 19 through May 30 | | | \$ 5,000.00 | |
| | BHS related development drawings to 90% | June 1 through August 15 | | | \$ 5,000.00 | |
| | BHS related development drawings to 100% | August 15 through January 25 | | | \$ - | |
| | Construction Administration | | | | \$ 5,000.00 | |
| | BHS DB Changes | | | | \$ - | |
| | Cost to date | | | | \$ 10,000.00 | |
| | | | | \$ 25,000.00 | | |

| NTP No. 1 | NTP No. 2 | NTP No. 3 | Gray List |
|---------------|---------------|---------------|-----------------|
| \$ 41,435.88 | \$ 78,603.50 | \$ 103,628.19 | \$ 997,624.60 |
| \$ 20,000.00 | \$ 20,851.80 | \$ 51,714.24 | \$ 186,448.00 |
| \$ 10,000.00 | \$ 10,000.00 | \$ 186,448.00 | \$ 72,000.00 |
| | | | \$ 225,000.00 |
| | | | \$ 76,084.80 |
| \$ 71,435.88 | \$ 290,841.59 | \$ 341,790.43 | \$ 1,370,709.40 |
| \$ 5,000.00 | \$ 5,000.00 | \$ 59,000.00 | |
| \$ 100,000.00 | | \$ 100,000.00 | \$ 100,000.00 |
| \$ 40,000.00 | \$ 60,000.00 | \$ - | \$ 100,000.00 |
| \$ 15,000.00 | \$ 15,000.00 | \$ 42,000.00 | |
| | \$ 250,000.00 | \$ 90,000.00 | |
| | | \$ 40,000.00 | \$ 300,000.00 |
| | | \$ 10,000.00 | \$ 10,000.00 |
| \$ 160,000.00 | \$ 405,000.00 | \$ 231,000.00 | \$ 410,000.00 |
| \$ - | \$ 15,000.00 | \$ - | \$ 25,000.00 |
| \$ 10,000.00 | \$ - | \$ - | \$ - |
| | \$ 40,000.00 | \$ 40,000.00 | |
| | \$ 50,000.00 | \$ - | \$ 50,000.00 |
| \$ 10,000.00 | \$ 85,000.00 | \$ 40,000.00 | \$ 75,000.00 |
| \$ - | \$ 9,000.00 | \$ - | \$ 15,000.00 |
| \$ 6,000.00 | \$ - | \$ 30,000.00 | |
| | \$ 50,000.00 | \$ - | \$ 30,000.00 |
| \$ 6,000.00 | \$ 59,000.00 | \$ 30,000.00 | \$ 45,000.00 |
| \$ - | \$ - | \$ 10,000.00 | \$ 20,000.00 |
| \$ - | \$ 6,000.00 | \$ - | \$ 10,000.00 |
| \$ 4,000.00 | \$ - | \$ 10,000.00 | |
| | \$ 10,000.00 | \$ - | \$ 15,000.00 |
| \$ 4,000.00 | \$ 6,000.00 | \$ 10,000.00 | \$ 15,000.00 |
| \$ - | \$ - | \$ - | \$ 15,000.00 |
| \$ - | \$ 3,000.00 | \$ - | \$ 5,000.00 |
| \$ 2,000.00 | \$ - | \$ 5,000.00 | \$ 10,000.00 |
| \$ 2,000.00 | \$ 3,000.00 | \$ 5,000.00 | \$ 15,000.00 |
| \$ 253,435.88 | \$ 828,841.59 | \$ 667,790.43 | \$ 1,975,709.40 |

| Totals | |
|--|-----------------------------|
| Work Not Yet Performed | \$ 2,523,692.50 |
| Work Partially Complete | \$ 224,000.00 |
| Work Already Complete | \$ 978,084.80 |
| | \$ 3,725,777.30 Check Total |
| (CAGE BHS Design 30% to 100) Gray List | \$ 1,370,709.40 |
| (PGAL BHS Design 30% to 100) Gray List | \$ 605,000.00 |
| Manual Encode | \$ 253,435.88 |
| Complete Design | \$ 828,841.59 |
| T3 Ticketing Belt | \$ 667,790.43 |
| FGAMP | \$ 1,975,709.40 |
| Gray List | \$ 1,975,709.40 |
| Total | \$ 3,725,777.30 |



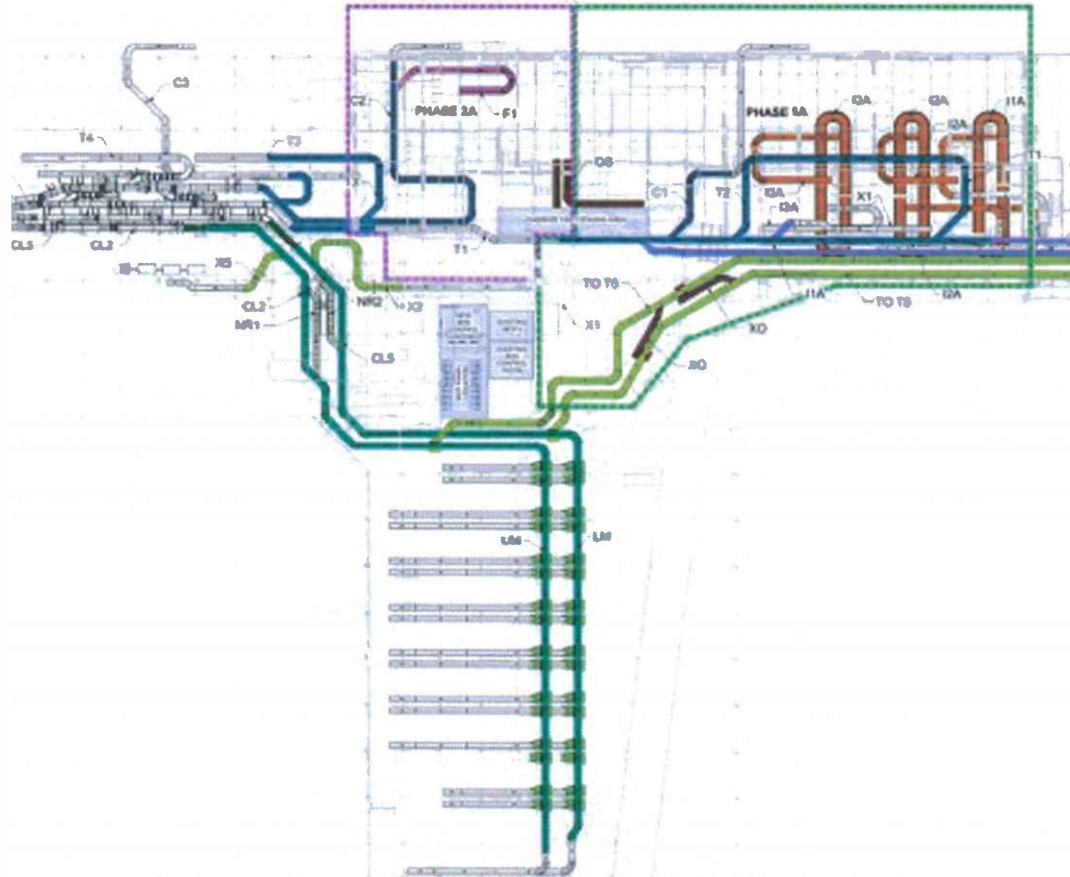
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Schedule

TERMINAL 4 BHS SUMMARY SCHEDULE

| ACTIVITY | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | 2025 | | | | 2026 | | | | 2027 | | | | 2028 | | | | | | | | | |
|----------------------|------|--------|----|----|-----------|----|----|----|--------------|----|-------|----|------|----|---------|----|------|----|----|-------|------|----|----|----|------|----|----|------------|------|-------------|--|--|--|--|--|--|--|--|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | | | | | | | | |
| BHS Summary Schedule | | Design | | | ME Reloc. | | T3 | | | | E. HH | | | | T1 / X2 | | | | | C. HH | | | | | | | | | | T5 Transfer | | | | | | | | |
| | | | | | | | | | Pier Phasing | | | | | | | | | | | | | | | | | | | Sat. Piers | | | | | | | | | | |





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T4 BHS FGMP Exhibit #1 - LAWA Principles and Criteria January 29, 2021



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**T4 BHS FGMP Exhibit #2
T4 BHS Gray List w/
Rollout Document Scope
Assesment Dated
03.19.2021**

American Airlines - Allocation Options

| | | | |
|----------|--|--|---|
| 1/7/2022 | Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport |
|----------|--|--|---|

| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility | | |
|-----------|---|-----------|-----------|--------|----------------|---|--|
| | | | | | Per LAWA | per AA | |
| | | | | | LAWA Comments | AA Comments | |
| <u>1</u> | NEW BHS IT ROOM. NEW BHS CONTROL ROOM. NEW MOTOR CONTROL PANEL ROOM (Reference Sheet A02-122-4B Pg. 7, 11, and 12 of 21) | 0 | 0 | A | BHS | | BHS |
| <u>2</u> | NEW BHS CANOPY UNDER EVALUATION, REF STRUCTURAL COMMENTS (Reference Sheet A02-125-4E Pg.8, 13, 14 of 21) | 360,762 | | A | BHS | LAWA to challenge design team for alternate options. | BHS |
| <u>3</u> | NEW CANOPY FOR BHS SORTATION MAIN LINE BELTS (Reference Sheet A02-135-4E Pg.9 and 15, 16, and 17 of 21) | 714,792 | | A | BHS | LAWA to challenge design team for alternate options. | BHS |
| <u>4</u> | LIGHTING AND CONVENIENCE RECEPTACLES AT ALL CATWALK AREAS (Reference Sheet BH02-202-4E,B,C, and 5A; BH02-222-4B Pg, 20 and 21 of 21) | 845,311 | | A | BHS | LAWA is to review necessity with designer. | Require BHS Project scope for BHS operations and maintenance. Manual encoders cannot work in the dark. Baggage jam runners need illuminated work areas to perform job functions. Mechanics need a reliable source of lighting and power for major repair tasks and having lighting will make routine aid in the performance of routine preventative and emergency maintenance. |
| <u>5</u> | Cameras for bhs maintenance provided/required by baggage designer | 452,532 | | A | BHS | | BHS |
| <u>6</u> | HVAC for BHS Control Room | 0 | | A | BHS | | BHS |
| <u>7</u> | RIGHT OF WAY FOR FUTURE BAG LIFTS (Reference Sheet A02-123-4C (PG. 3 of 21) | 431,555 | | A | AA | Design is not complete, all BHS coordination going forward within new facilities is expected to be in program scope, within reason. | Bag Drop ROW as per 60% preserved, any changes are not in scope. Changes by BHS. |
| <u>8</u> | NEW 2 HR EXIT PASSAGEWAY 7'-6" CLEAR BELOW OVERHEAD BELTS (Reference Sheet A02-122-4B Pg. 7 of 21) | 0 | | A | BHS | North Concourse code issue, fix work being triggered by BHS scope in north concourse | BHS |
| <u>9</u> | BHS Design - Cage 30% - 100% and CA for New and Existing Areas | 1,881,069 | | A | BHS | | BHS |
| <u>10</u> | PGAL BHS related Building Design 30% -100% and CA - Existing Bldg | 986,940 | | A | BHS | | BHS |

American Airlines - Allocation Options

| | | | |
|----------|--|--|---|
| 1/7/2022 | Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport |
|----------|--|--|---|

| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility | |
|--------------------|--|---------|-----------|--------|--|---|
| | | | | | Per LAWA | per AA |
| | | | | | LAWA Comments | AA Comments |
| 11 | PGAL BHS related Building Design 30% -100% and CA - New Bldg | 0 | | A | AA LAWA is requesting letter of change order request from PGAL for this design scope for consideration. 5.7.21: 1. design effort for scope that is allocated per this spreadsheet is also allocable 2. AA / LAWA / HP need to have meeting on design effort going forward | AA 5.14.21: AA in agreement |
| 12 | MODIFICATION TO T4 EXIT STAIR FOR A13 BELT EXTENSION. (Reference Sheet A02-123-4C (PG. 3 of 21) | 287,216 | | A | AA / BHS New facility ROW baggage scope is program cost. 5.7.21: 1. is I3A line extension required? What is the cost of this change? Is it worth the additional cost of the line extension? 2. staircase is a ROW in existing facility issue, not cover for a BHS system (is the 4.5 core considered existing or new construction?) 6.9.21: ROW should remain in AA program, BHS conveyor would be LAWA, AA to review | AA / BHS T4.5 Core Stair modification to accommodate longer load belt for cart staging has been carried as BHS Project scope 5.14.21: 1. AA has reviewed with their ops and they have insisted it is of great value. Noted current length is just enough space for 1 cart. AA / HP to look into cost. Noted this work would have to be done after the east HH is opened. 2. discussion to be held offline 6.11.21: Email from D. Stolt: AA is continuing with the stair extension to support the I3A inbound conveyor extension as a AA T4/T5 MP cost. It is understood that the LAWA BHS Project will extend the I3A conveyor as a LAWA BHS Project cost |
| 13 | EXISTING SLAB DEPRESSIONS AND INFILL UNDER EVALUATION. POSSIBLE MODIFICATION TO OPENINGS FOR NEW INBOUND DECLINE BELTS (Reference Sheet S02-123-4C Pg. 4 of 21) | 19,525 | | A | AA New facility ROW baggage scope is program cost. | AA BHS floor opening framing is BHS Project scope 5.3.21 (DS Email): Modification to new build – Concur part of AA new build. Request to perform under BHS is withdrawn. |

American Airlines - Allocation Options

| | | | |
|----------|--|--|---|
| 1/7/2022 | Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport |
|----------|--|--|---|

| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility | | |
|--------------------|--|---------|-----------|--------|----------------|--|--|
| | | | | | Per LAWA | per AA | |
| | | | | | LAWA Comments | AA Comments | |
| 7 | RIGHT OF WAY FOR FUTURE BAG LIFTS (Reference Sheet A02-123-4C (PG. 3 of 21)) | 431,555 | | A | AA | Design is not complete, all BHS coordination going forward within new facilities is expected to be in program scope, within reason. | Bag Drop ROW as per 60% preserved, any changes are not in scope. Changes by BHS. |
| 14 | MODIFICATION TO EXISTING SLAB EDGE FOR LOADING BELTS OPERATION CLEARANCE (Reference Sheet S02-123-4C Pg. 4 of 21) | 50,000 | | A | BHS | New facility ROW baggage scope is program cost. 5.7.21: No updated response provided by AA | BHS floor opening framing is BHS Project scope |
| 15 | MODIFICATION TO EXISTING SHEAR WALL AT ARRIVALS (Reference Sheet S02-122-4B Pg. 5 of 21) | 55,000 | | A | BHS | Need further information from Design team to determine. 5.7.21: modification to existing shear wall, bhs cost | BHS wall openings by the BHS project. Will provide reasonable structural accommodations 5.3.21: LAX BHS Addendum Drawing BH00-311-4B showing existing shear wall being impacted by the OS01-02 conveyor at column line 4R – BHS driven change to existing structure which was intended to remain |
| 16 | CURBSIDE SLAB OPENINGS UNDER EVALUATION, POSSIBLE MODIFICATIONS TO EXISTING ELEVATED ROADWAY STRUCTURE (Reference Sheet S02-122-4B Pg. 6 of 21) | 592,062 | | A | BHS | Need further information from Design team to determine. If it is a modification to existing for BHS conveyor it would be LAWA, if the modification is for new building construction then it would be AA. 5.7.21: BHS modification to existing structure, LAWA to review with BHS team for a cost effective solution | BHS floor opening or modification is by the BHS Project. Existing by BHS |
| 17 | CURBSIDE SLAB OPENINGS UNDER EVALUATION, POSSIBLE MODIFICATIONS TO EXISTING ELEVATED ROADWAY STRUCTURE (Reference Sheet S02-123-4C Pg. 6 of 21) | 0 | | A | BHS | Need further information from Design team to determine. If it is a modification to existing for BHS conveyor it would be LAWA, if the modification is for new building construction then it would be AA. 5.7.21: BHS modification to existing structure, LAWA to review with BHS team for a cost effective solution | BHS floor opening or modification is by the BHS Project. Existing by BHS |

American Airlines - Allocation Options

| | | | |
|----------|--|--|---|
| 1/7/2022 | Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport |
|----------|--|--|---|

| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility | |
|--------------------|--|-----------|-----------|--------|---|---|
| | | | | | Per LAWA | per AA |
| | | | | | LAWA Comments | AA Comments |
| 18 | BHS Vehicle Protection | 0 | | A | Depends on geographic limits of drip line/expansion joint. Wall protection/column protection to be AA. Team to review where the baggage protection is shown in the drawings (if shown in BHS drawing -> BHS, if in architectural -> AA). 5.7.21: BHS equipment protection is in BHS drawings and will be BHS program's responsibility, wall/column/building protection in new facilities will be the responsibility of AA. | 5.14.21: AA in agreement |
| 19 | BHS sound isolation for adjacent occupied spaces | 50,000 | | A | Depends on geographic limits of drip line/expansion joints. | Depends on geographic limits of drip line/expansion joints. |
| 20 | DOGHOUSE (Reference Sheet A02-123-4C (PG. 3 of 21) | 97,500 | | A | depends where the doghouse lies, if it is within new facility vs existing | All BHS doghouses in both existing and new building areas included in the BHS Project |
| 21 | NEW TUNNEL BELOW VSR FOR OUTBOUND OS BELT (Reference Sheet S02-122-4B Pg. 5 of 21) | 1,100,075 | | A | Tunnel is located in footprint of new building construction. LAWA reviewing history of design further. | Tunnel is solely for BHS and is BHS Project Work |
| 22 | T5 Connector - MODIFICATION TO EXISTING BHS CANOPY, NEW BHS CANOPY UNDER EVALUATION (Reference Sheet A02-125-4E Pg. 18 and 19 of 21) | 1,297,408 | | A | Modifications to existing BHS canopy is due to T5 Connector construction impacting existing, not due to BHS work. Further review of scope required, potential split of how scope is divided due to impact vs extending canopy to cover new systems. 5.7.21: C. Kramer to call PGAL for better understanding 5.18.21: work is driven by BHS work largely, work to be BHS responsibility. Depending on timing potential demo work / relocation of existing canopies may need to be done by AA. | Existing building modifications are BHS Project work. |
| 23 | ACAM type Security cameras for doors to baggage areas; specifically roll up doors for baggage conveyors | 0 | | A | AA to provide functional facility | Door access control cameras specific to BHS openings should be BHS Project work |

American Airlines - Allocation Options

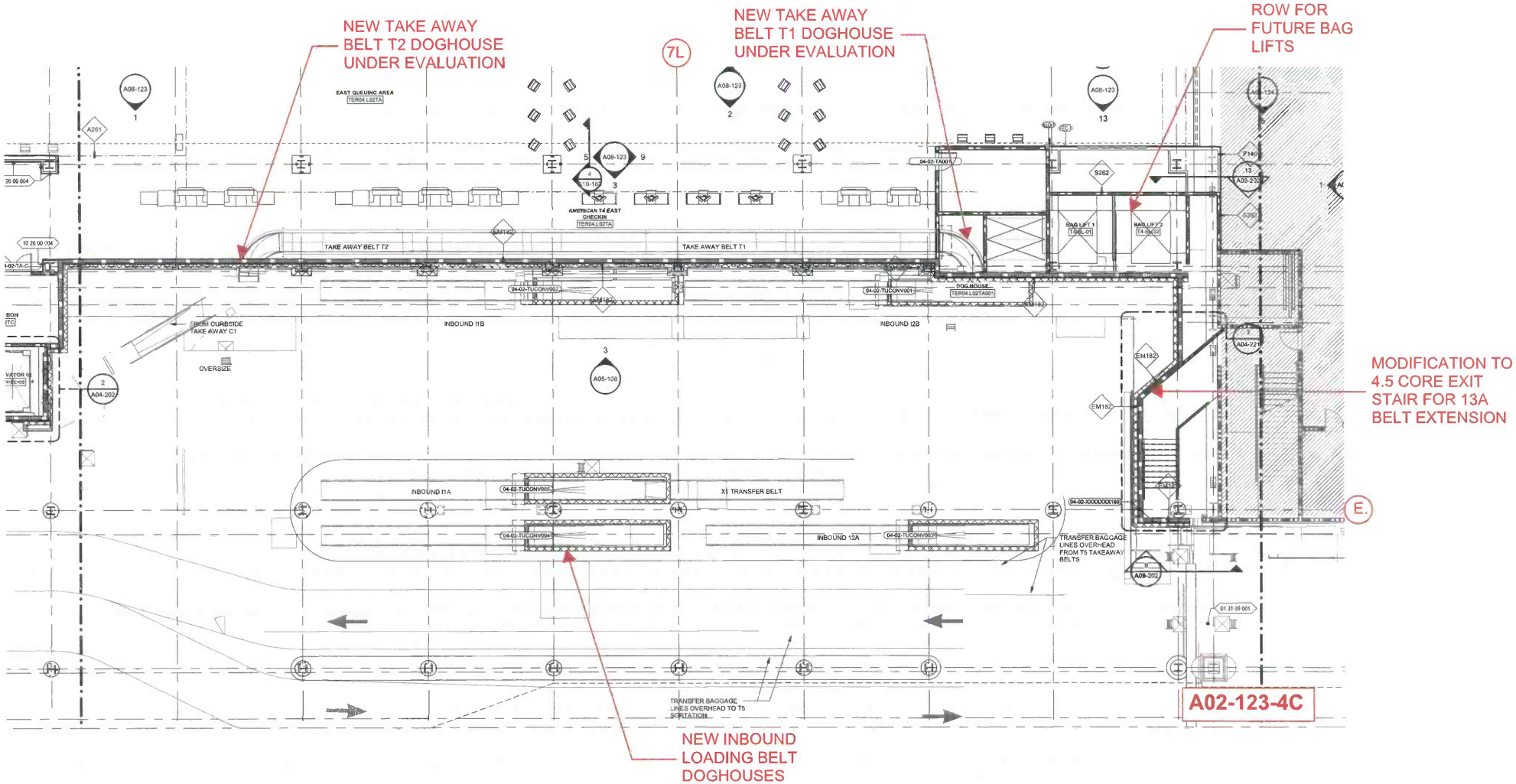
| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility Per LAWA | LAWA Comments | Responsibility per AA | AA Comments | |
|---|---|-----------|-----------|--------|--|--|-----------------------|--|--|
| 1/7/2022 Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | | | | | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport | | | |
| 24 | Security and FA interface devices, cabling, conduit, power and programming for BHS doors and subsystems; specifically roll up doors for baggage conveyors | 0 | | A | BHS | AA to provide functional facility | BHS | BHS interfaces should be part of the BHS Project | |
| 25 | AA Staff and PMO Coordination with LAWA | 0 | | A | AA | | AA | | |
| 26 | BHS Project PM | 0 | | A | BHS / AA | LAWA shall reimburse AA for a part time FTE for coordination. Further discussion on % of time coordinator to charge to BHS program. | BHS / AA | Clarification: No costs for AA PM towards BHS, since all BHS PM is by LAWA 5.6.21 (DS Email): Proposing ½ FTE allocated to LAWA BHS for coordination | |
| 27 | MEP modifications for BHS ROW in new build areas when coordinating without transitions is not feasible. | 0 | | A | AA | New facility ROW baggage scope is program cost. | AA | | |
| 28 | All building work on ramp level of the North Portion of the T4 Concourse | | \$0 | A | BHS | Depends on geographic limits of drip line/expansion joints. Need further definition. | BHS | Only work in this area is to support the BHS. Specific items in this listing may not be all inclusive. | |
| 29 | BHS related signage | 10,000 | | A | BHS / AA | This is too broad, need further definition, signage specifically for back of house BHS is by BHS. | BHS | Back of house | |
| 30 | COLUMNS TO SHIFT NORTH FOR EXPANSION JOINT COORDINATION. EXISTING TO REMAIN SLAB OVERHEAD TO SUPPORT BHS DURING HEADHOUSE PHASING(Reference Sheet S02-122-4B Pg. 5 of 21) | 3,000,000 | | A | AA | | AA | Columns will be coordinated as economically reasonable. | |
| 31 | NEW MANUAL ENCODE PLATFORM ACCESS LIFT UNDER EVALUATION (Reference Sheet A02-122-4B Pg. 7 of 21) | 125,000 | | A | BHS | If required | BHS | Required by LADBS per PGAL | |
| 32 | AREA CLEAR FOR NEW MANUAL ENCODE POSITION (Reference Sheet A02-122-4B Pg. 7 of 21) | inc | | A | BHS | | BHS | | |
| 33 | MODIFICATION TO EXISTING ENVELOPE FOR BELT ROW (Reference Sheet A02-125-4E Pg.8 of 21) | inc | | A | BHS | LAWA to challenge design team. | BHS | | |
| 34 | EXISTING BAG CHUTE UNDER EVALUATION FOR GATE 401 (Reference Sheet A02-125-4E Pg.8 of 21) | 200,000 | | A | BHS | If needed. | BHS | If the BHS design requires the modification of an existing building bag chute at the Northern Portion of the T4 prject this should be BHS project work. The T4 DTIP is not modifying existing T4 bag chutes in the northern section of trhe concourse. | |
| 35 | NEW DISTRIBUTION PANELS FOR BHS MOTOR CONTROL ROOM (Reference Sheet EP02-122-4B Pg. 10 of 21) | inc | | A | BHS | | BHS | | |

American Airlines - Allocation Options

| | | | |
|----------|--|--|---|
| 1/7/2022 | Status Key: A - Agreed - AA and LAWA are in agreement on responsibility P - Pending - AA and LAWA are not in agreement on responsibility | 210304 BHS Budget 60% QC 210421 BHS Budget 60% Progress Set | American Airlines T4 BHS Los Angeles International Airport |
|----------|--|--|---|

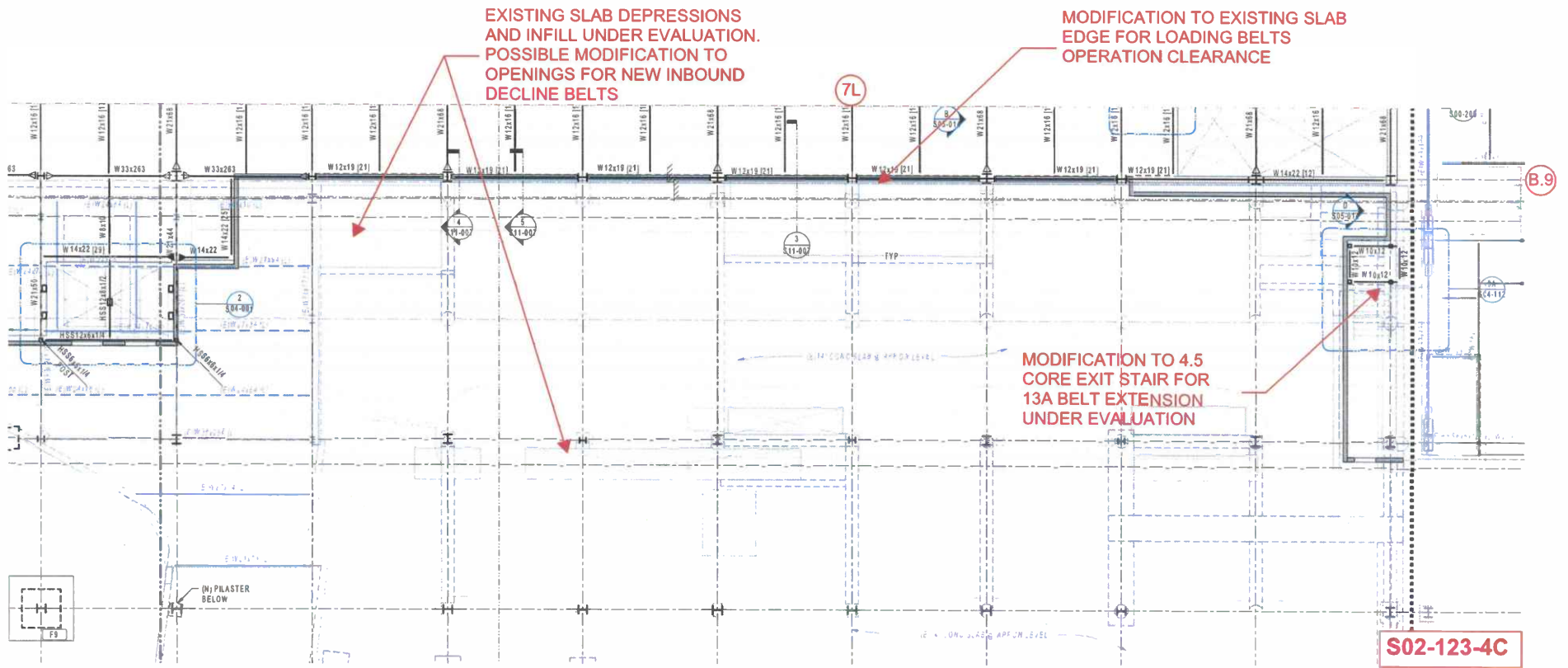
| Item | DESCRIPTION | Trend | Value Eng | STATUS | Responsibility | | |
|------------------------|--|------------|-----------|--------|----------------|---|--|
| | | | | | Per LAWA | per AA | |
| | | | | | LAWA Comments | AA Comments | |
| 36 | EXISTING NON BHS DISTRIBUTION PANELS RELOCATED FOR MANUAL ENCODE CLEARANCE (Reference Sheet EP02-122-4B Pg, 10 of 21) | inc | | A | BHS | | |
| 37 | EXISTING BHS DISTRIBUTION PANEL RELOCATION UNDER EVALUATION (Reference Sheet EP02-122-4B Pg, 10 of 21) | | | A | BHS | | Should be LAWA BHS Project work if required by the BHS design |
| 38 | EXISTING DUCTS UNDER EVALUATION TO PROVIDE CLEARANCE FOR NEW MANUAL ENCODE POSITION MODIFICATION TO EXISTING FIS DUCT FOR MANUAL ENCODE PLATFORM (Reference Sheet M02-122-4B Pg, 12 of 21) | inc | | A | BHS | | |
| 39 | Conduits and cabling for BHS load belt cameras | 50,000 | | A | BHS | For non-proprietary bhs cameras. | Infrastructure common to all users. Infrastructure for cameras is non-proprietary. |
| 40 | All building work required for the BHS installation at the existing West Headhouse | 0 | | A | BHS | MEP/ROW work in existing facilities under BHS. | All BHS related building work, not just MEP. |
| 41 | BHS network including all interfaces with AA fire wall including BPMs, BSMS and Boss. Provisions for email server and Brock maintenance remote access. | inc | | A | BHS | Existing network to remain in use, required scope to bring new systems online is under BHS. | |
| 42 | UPS for BHS Servers and Upper Level Controls | inc | | A | BHS | Existing UPS to remain in use, relocation under BHS if required. | |
| 43 | BHS power from building distribution power to PDPs | 750,000 | | A | BHS | BHS cabling by BHS. | |
| 44 | BHS structure vibration isolation | inc | | A | BHS | | |
| Subtotal Change | | 13,788,301 | | | | | \$0 |

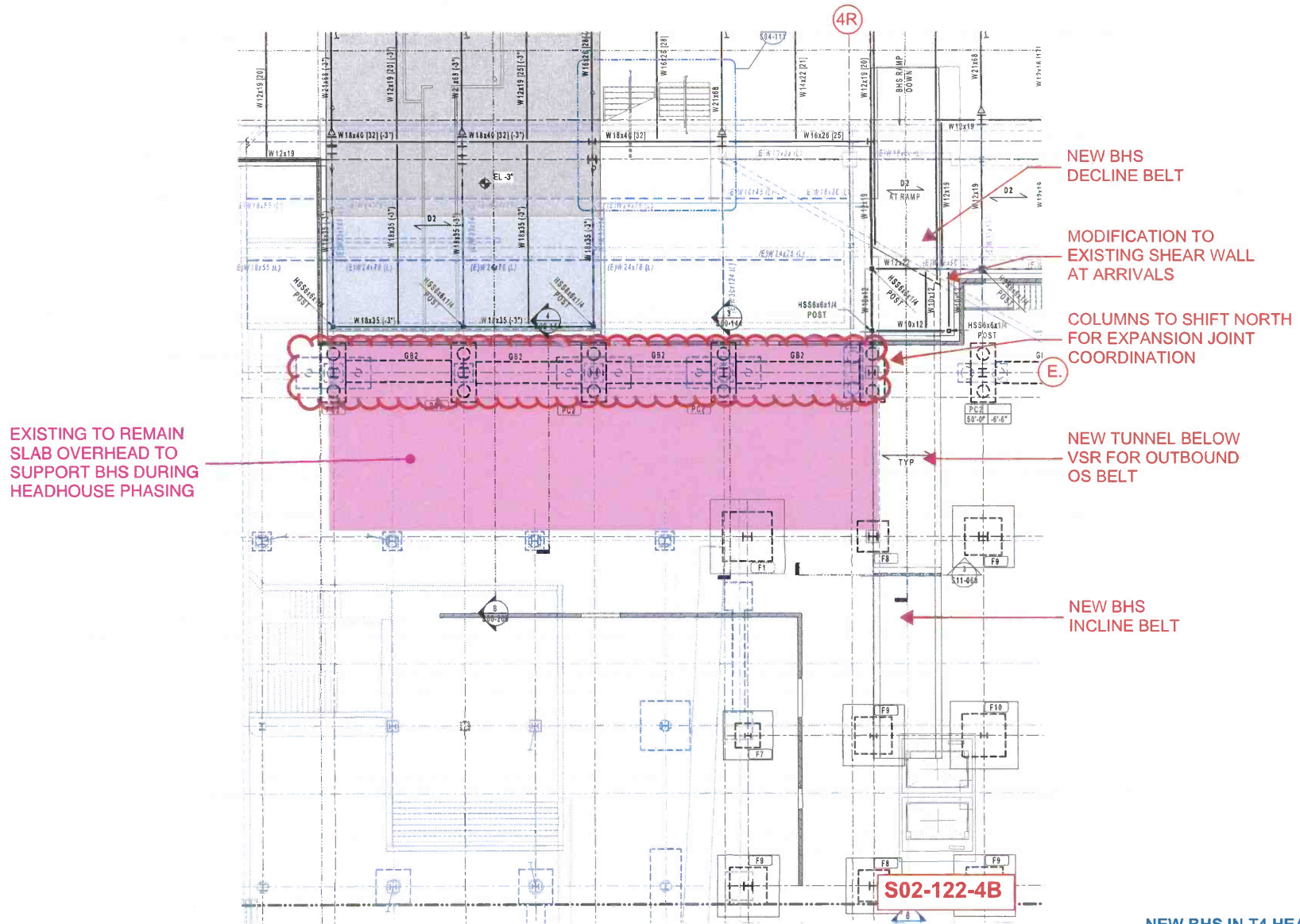
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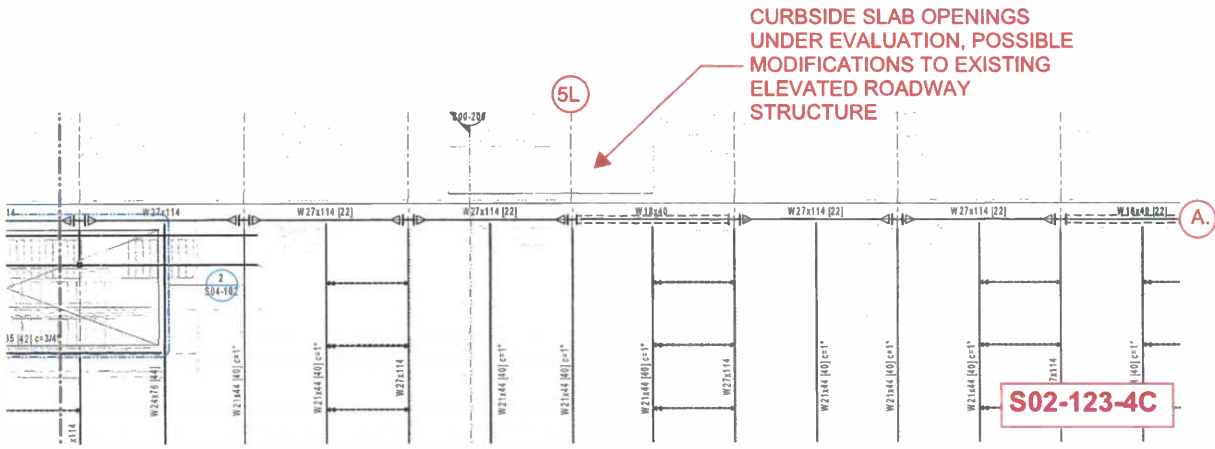
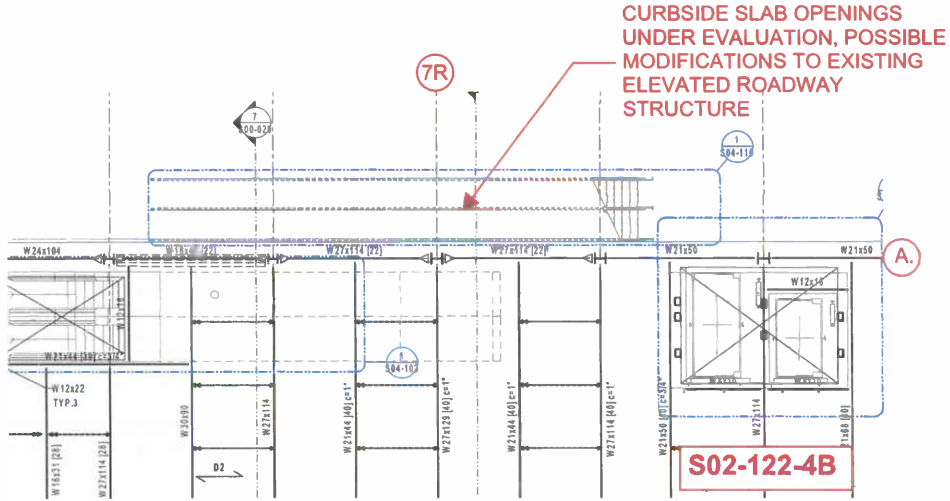
NEW BHS IN T4 HEADHOUSE REPLACEMENT

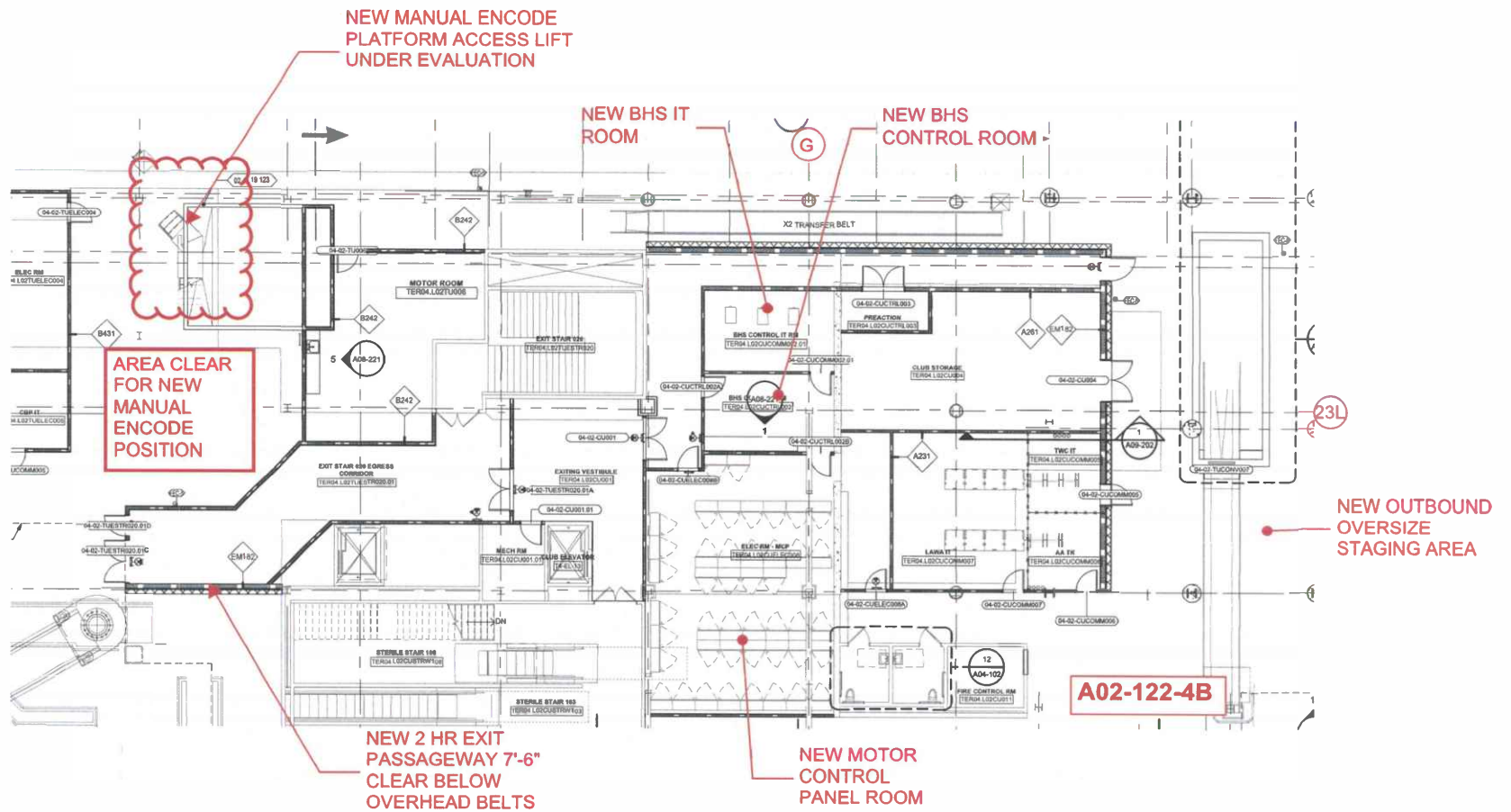




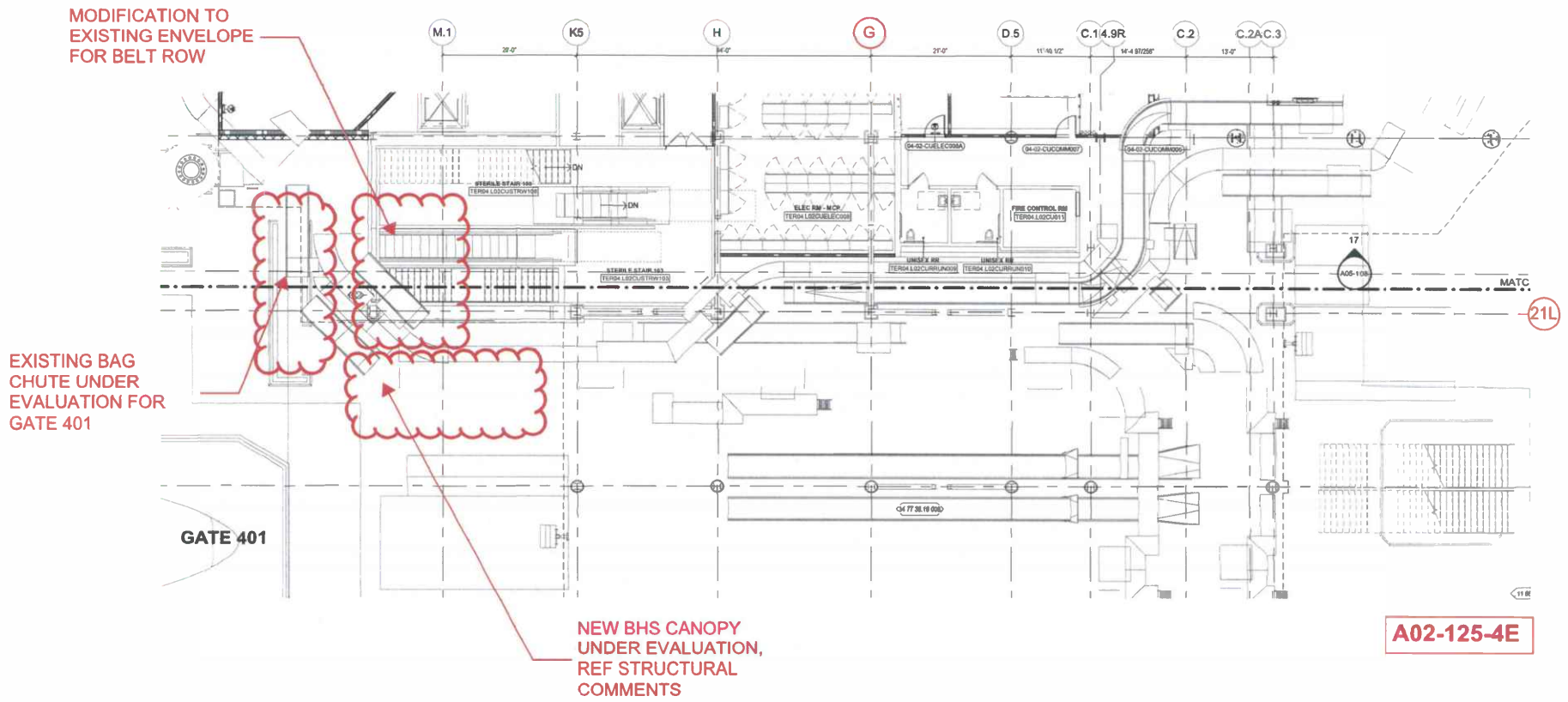


NEW BHS IN T4 HEADHOUSE REPLACEMENT





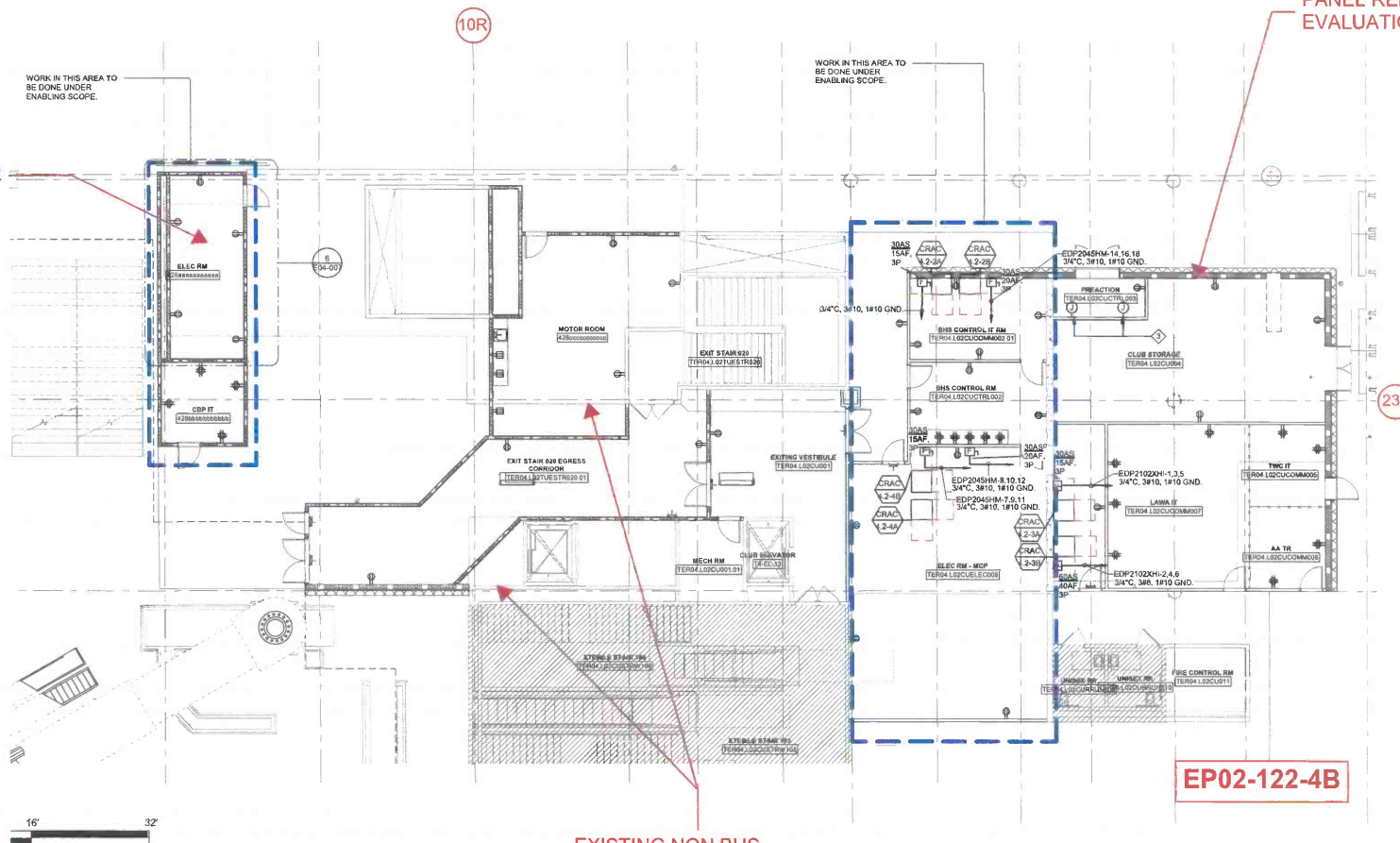
RELOCATED BHS COMPONENTS FROM EAST TO WEST



RELOCATED BHS COMPONENTS FROM EAST TO WEST

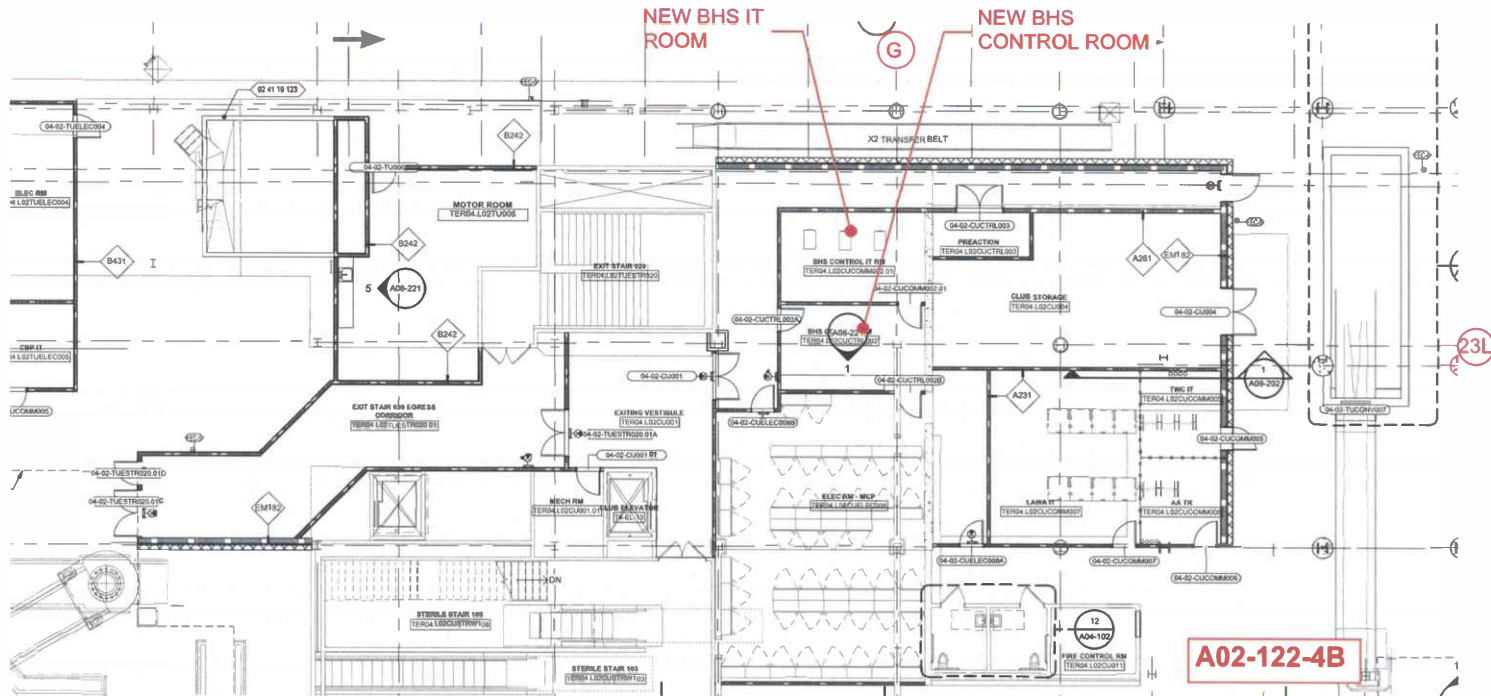
NEW DISTRIBUTION PANELS FOR BHS MOTOR CONTROL ROOM

EXISTING BHS DISTRIBUTION PANEL RELOCATION UNDER EVALUATION



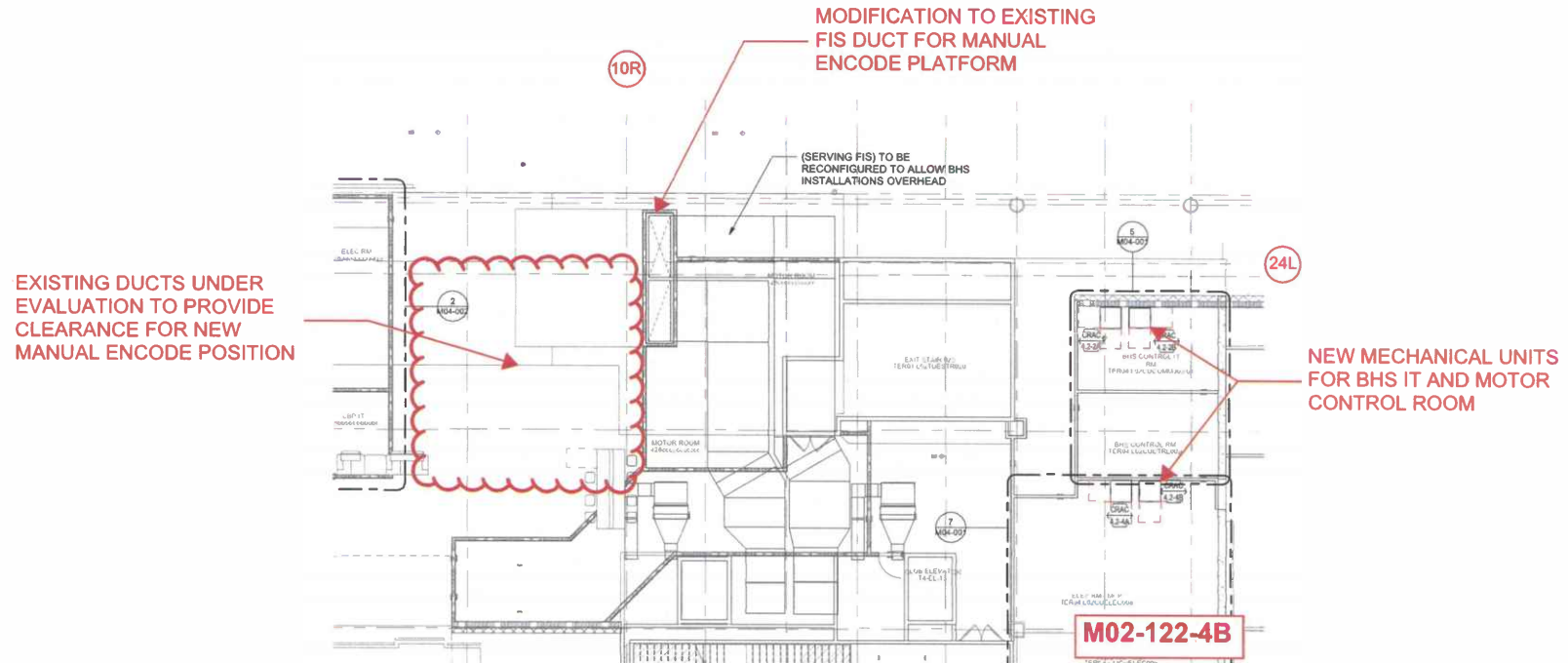
EXISTING NON BHS DISTRIBUTION PANELS RELOCATED FOR MANUAL ENCODE CLEARANCE

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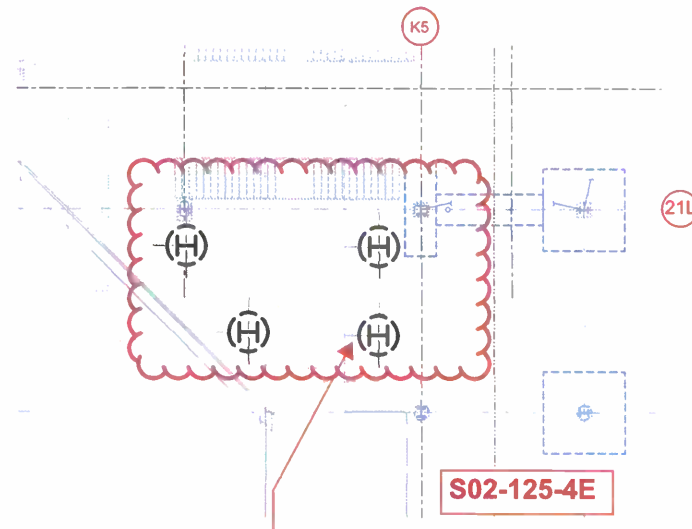


A02-122-4B

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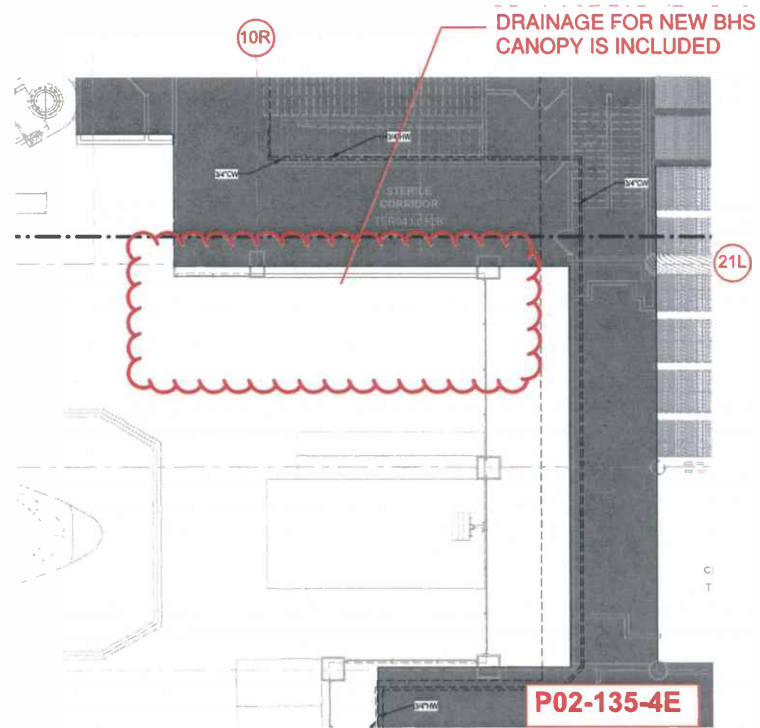


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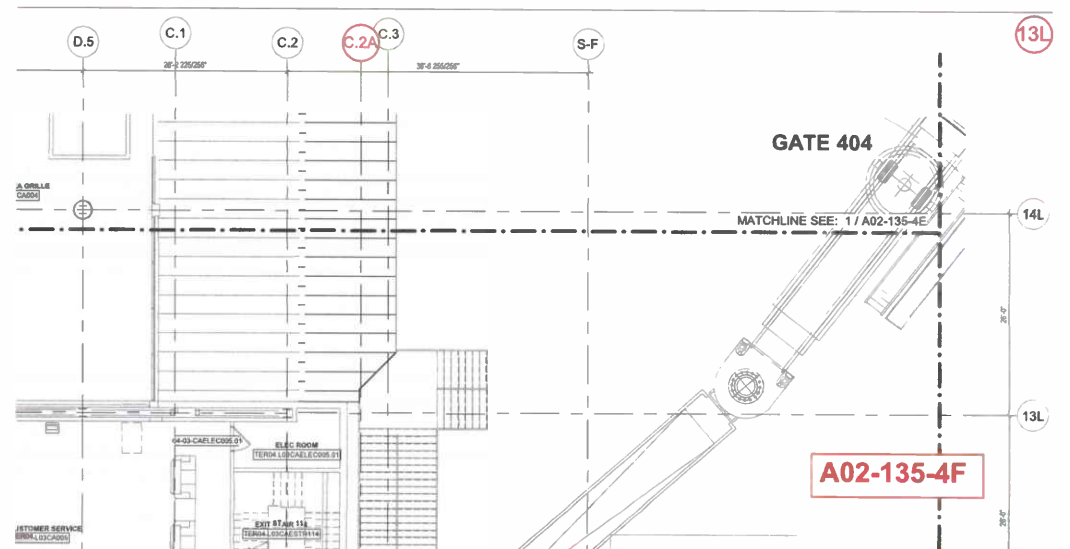
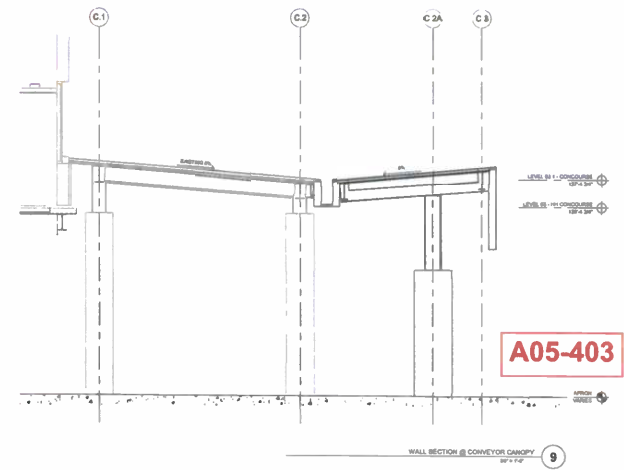
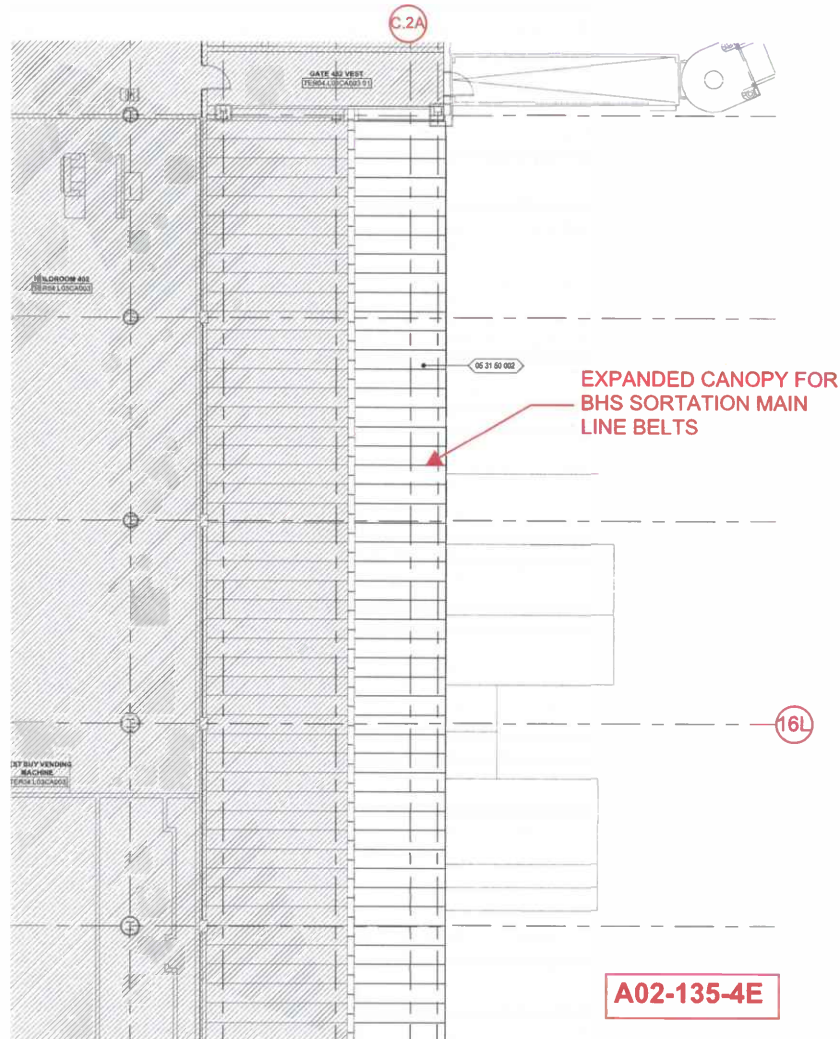


NEW BHS CANOPY FOR BHS
SORTATION MAIN LINE BELTS
IS INCLUDED

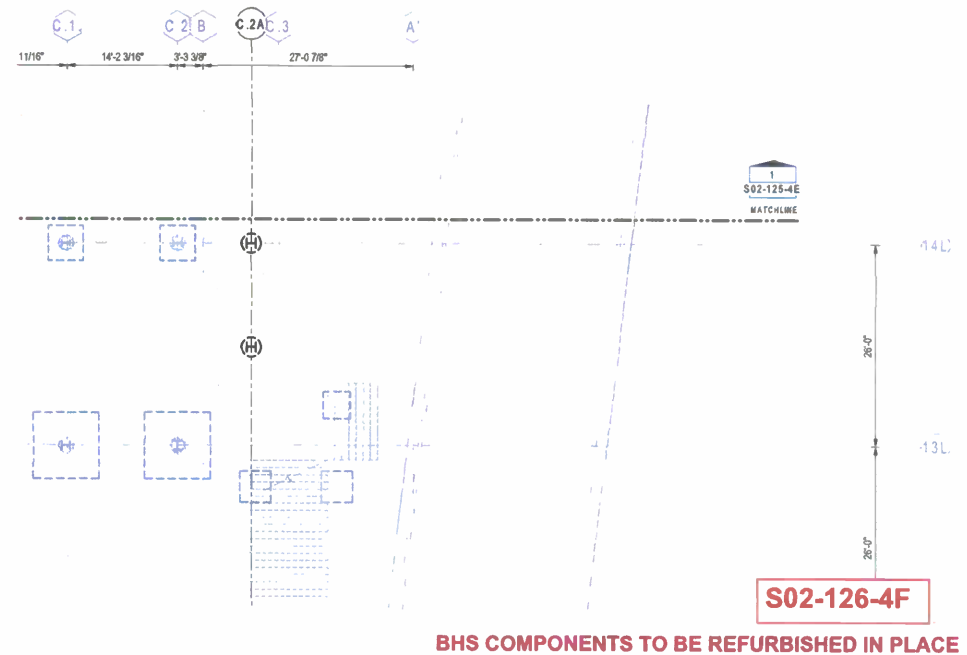
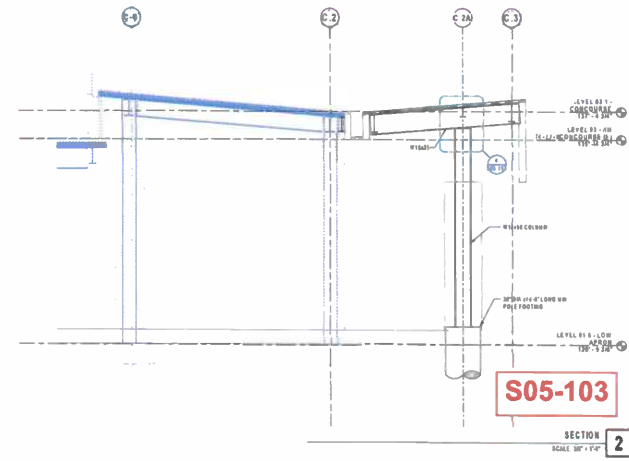
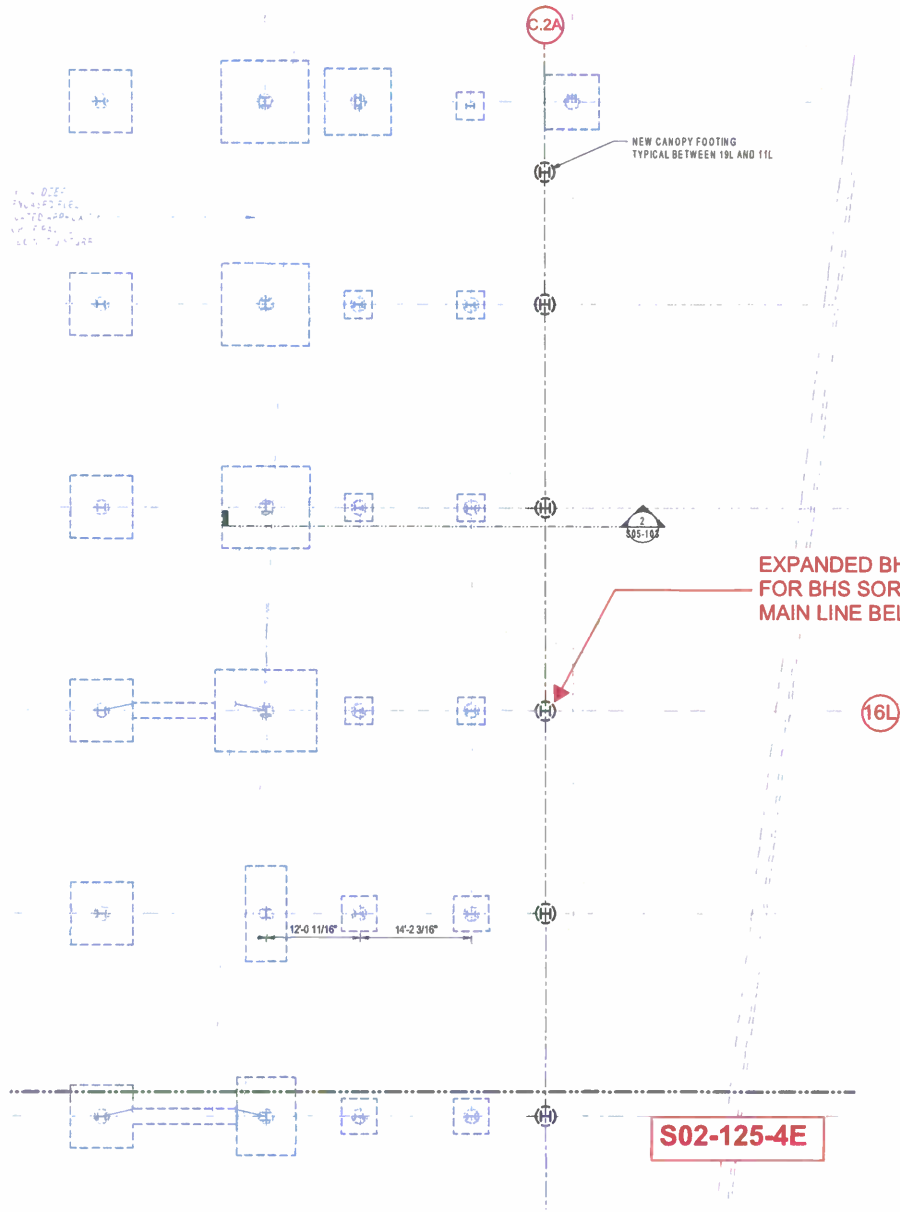
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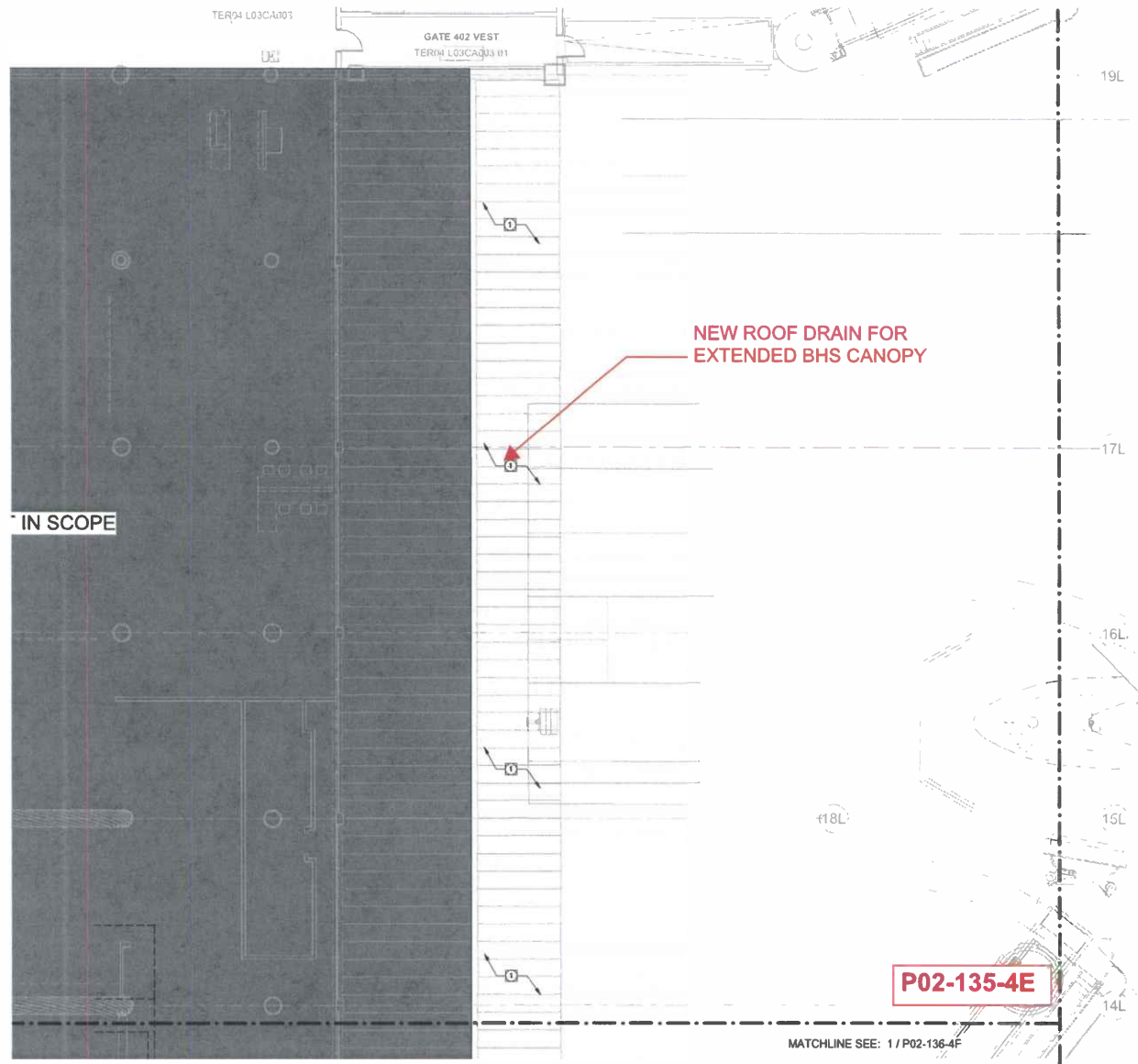
RELOCATED BHS COMPONENTS FROM EAST TO WEST



BHS COMPONENTS TO BE REFURBISHED IN PLACE

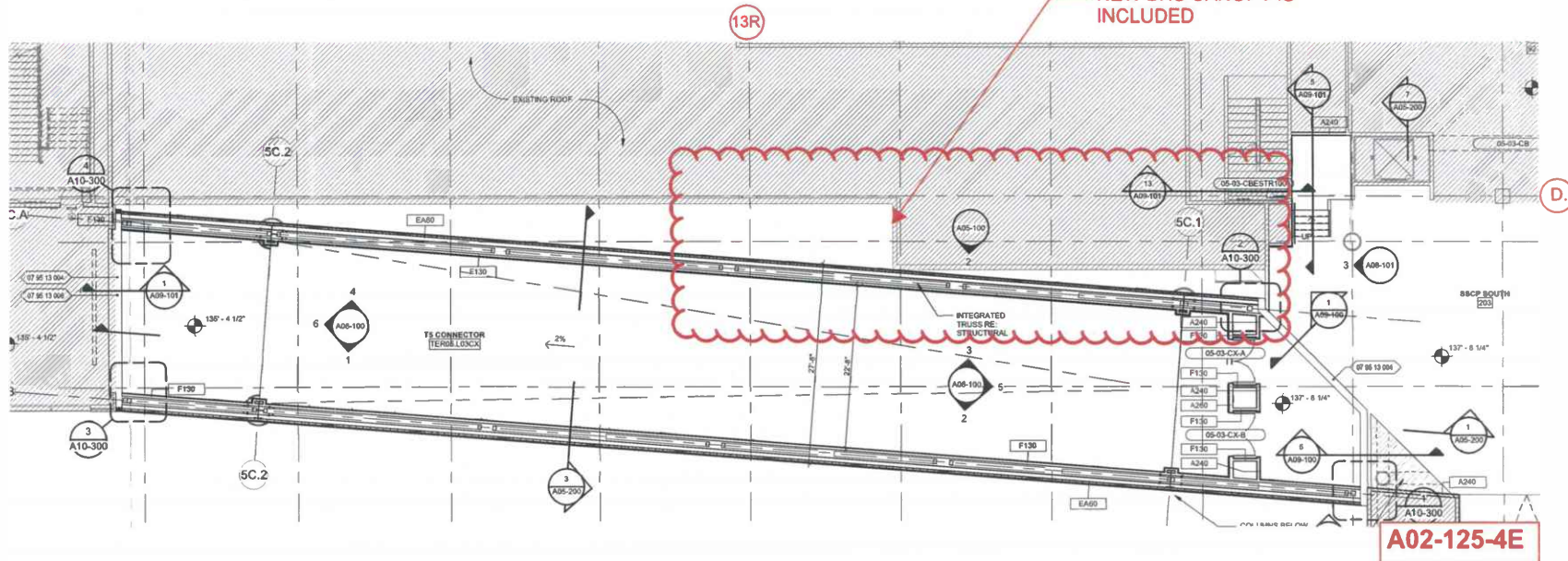


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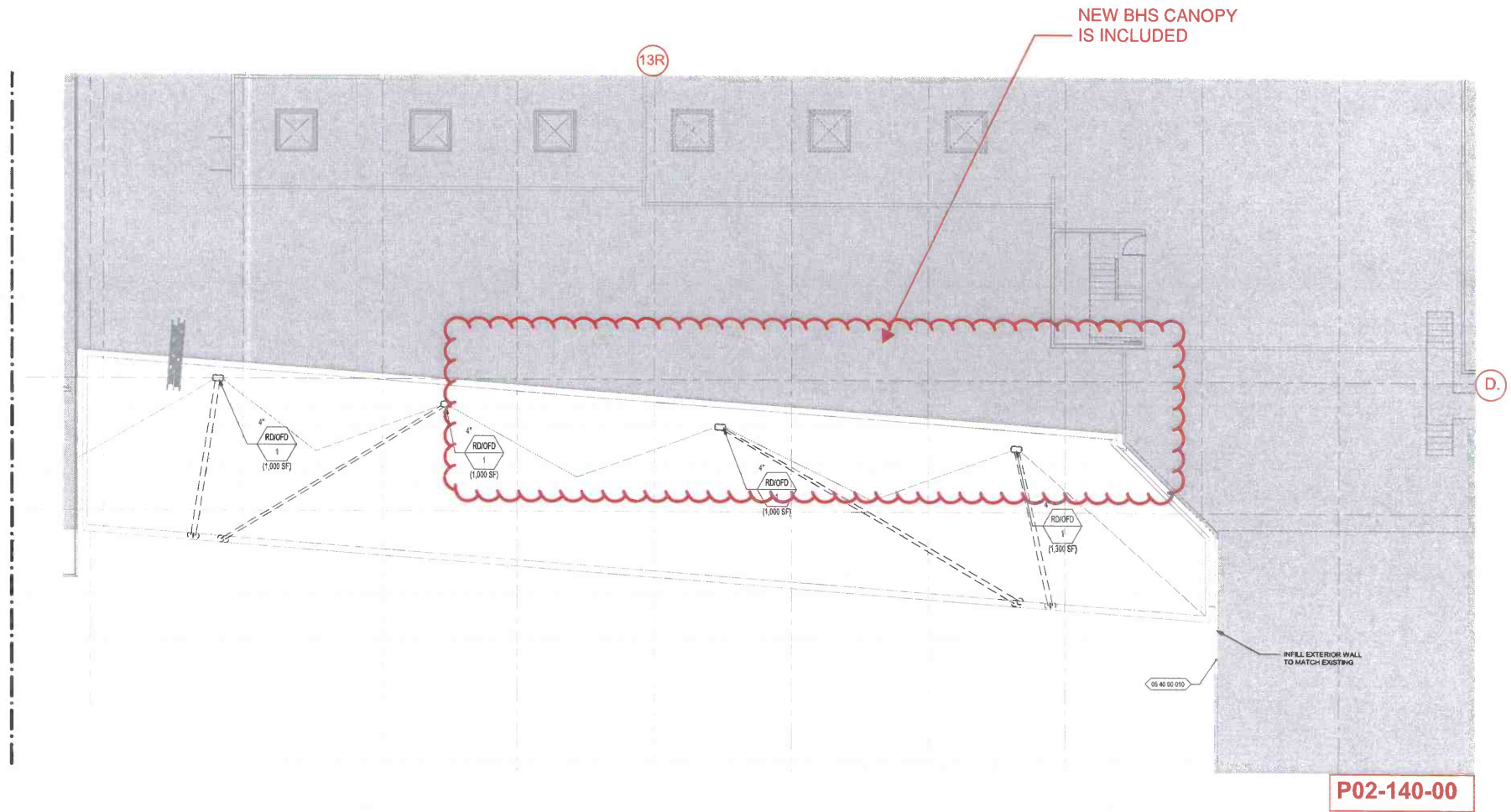


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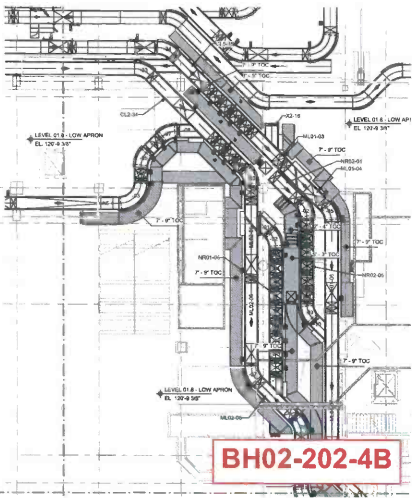
MODIFICATION TO EXISTING BHS CANOPY, NEW BHS CANOPY IS INCLUDED



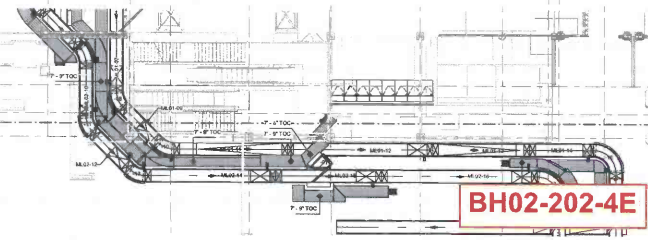
NEW BHS CAPABILITIES - T4 TO T5 TRANSFER LINES



NEW BHS CAPABILITIES - T4 TO T5 TRANSFER LINES

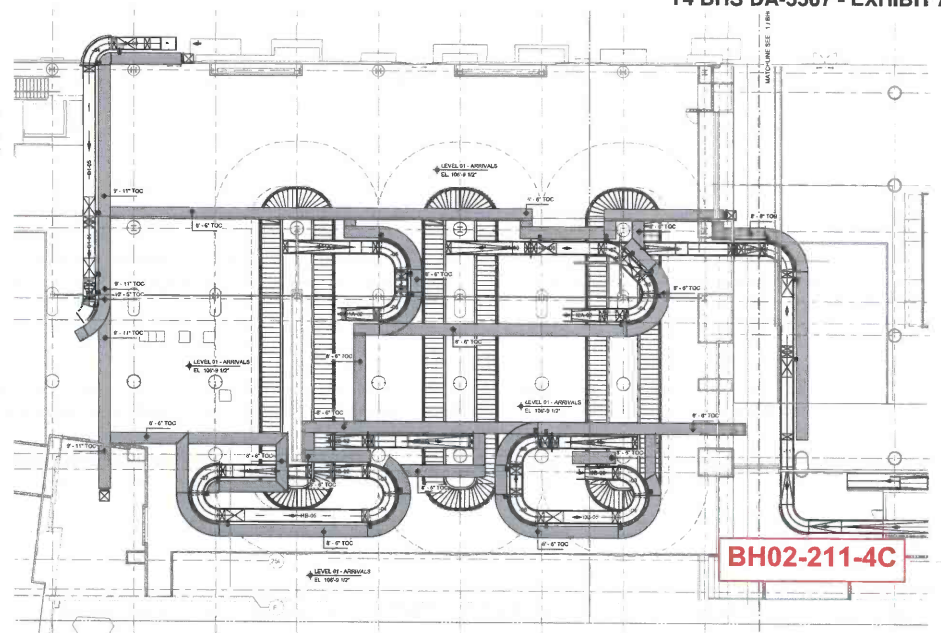


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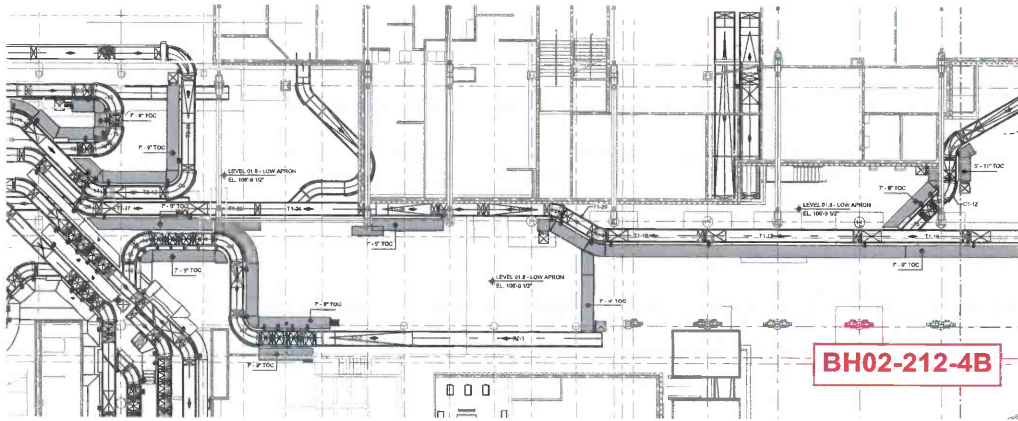


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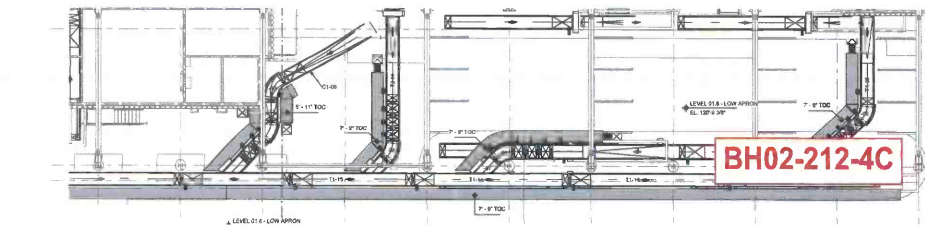
LIGHTING AND CONVENIENCE RECEPTACLES AT ALL CATWALK AREAS



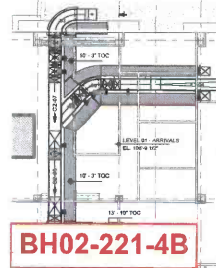
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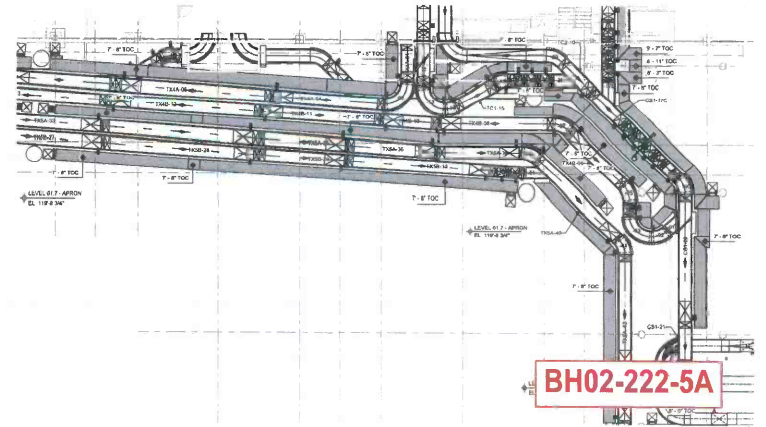
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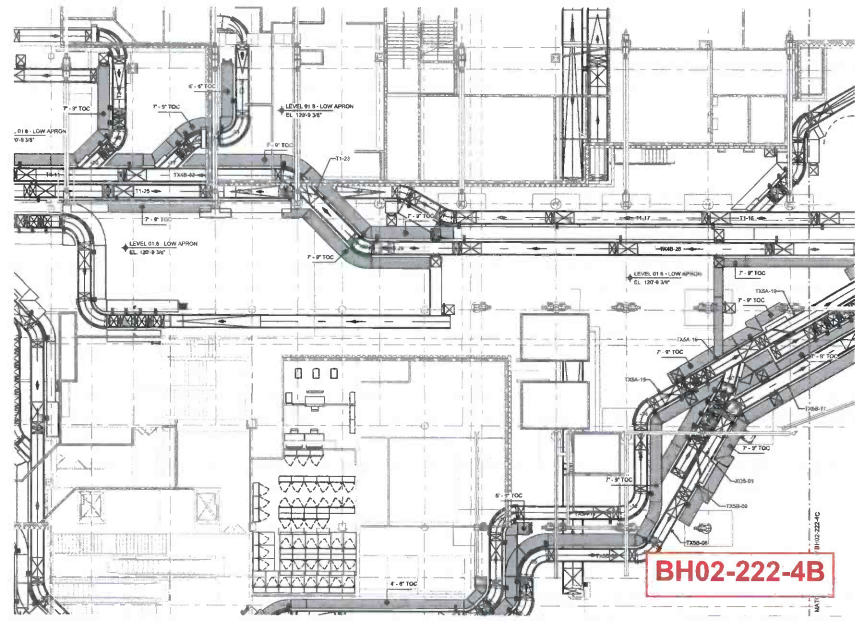
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BH02-221-4B

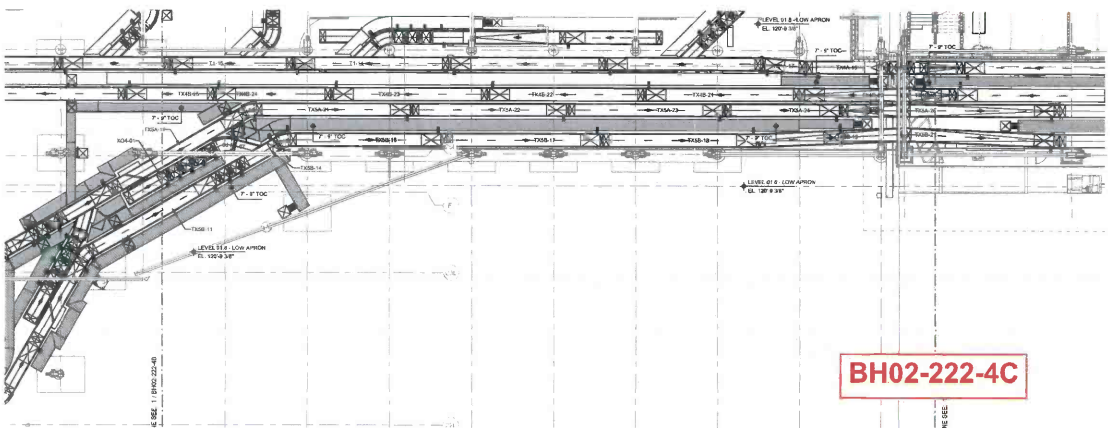


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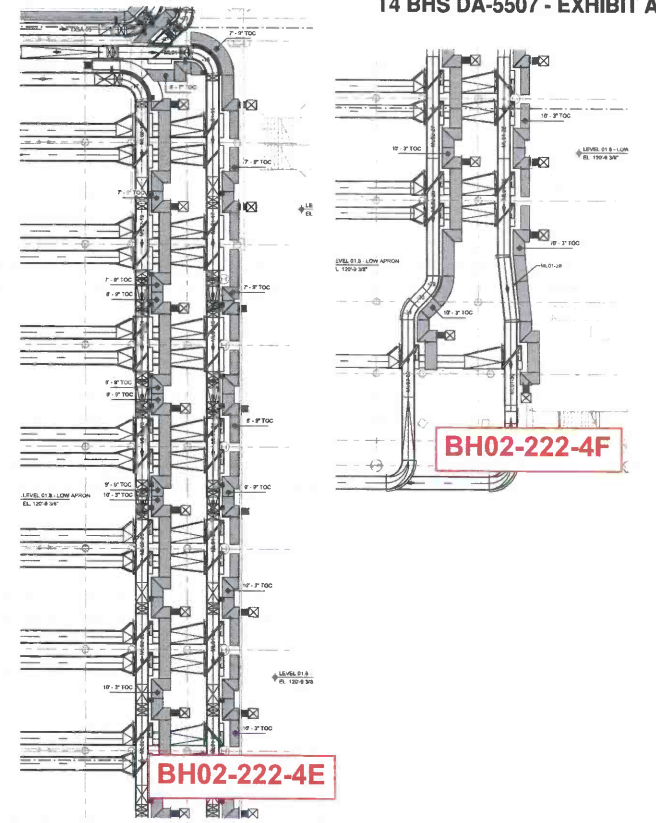


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LIGHTING AND CONVENIENCE RECEPTACLES AT ALL CATWALK AREAS

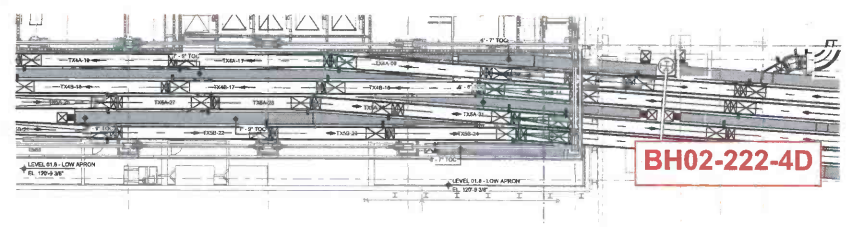


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BH02-222-4E

BH02-222-4F



BH02-222-4D