



CAPE COD GATEWAY AIRPORT
COMMISSION MINUTES OF THE REGULAR SESSION
Held at the Cape Cod Gateway Airport
TUESDAY, September 19, 2023

Commissioners Present:

John T. Griffin, Jr., Chair; John G. Flores, Vice Chair; Norman Weill, Clerk; and Mark Guidod

Commissioners not present:

Wendy Bierwirth; Bradley J. Bailey and Joseph DiGeorge

Yarmouth Representative:

William Marasco

Airport Staff Present:

Katie Servis, Airport Manager; Matt Elia, Assistant Airport Manager; Suzanne Kennedy, Executive Assistant to the Airport Manager; and Chris Bostwick, Senior Project Manager/Airfield Compliance Supervisor

Public Members:

Richard Carroll, Barnstable resident; Ned Dawes, Centerville resident; Jim Wolf and Peter Farrell, Cape Air; David Husted, Fixed Based Operator (Hanscom Field); Kim MacDonald, Airport employee; and Gordon Starr, Town of Barnstable, Town Councilor

Call To Order:

Chairman Griffin called the regular meeting of the Cape Cod Gateway Airport Commission to order at 4:00 p.m. Attendance roll call was taken followed by the Pledge of Allegiance.

Minutes of the previous meetings:

The minutes of the August 15, 2023 Airport Commission meeting were approved and signed

Public Comment:

None

Commissioners Response to Public Comments:

None

Finance Subcommittee (Commissioners Weill, Flores, and Bailey)

The Finance Subcommittee met on Tuesday, September 12, 2023. Commissioner Weill read a review of the meeting (attached).

Infrastructure & Marketing Subcommittee (Commissioners Young, and Bierwirth) The

The Infrastructure & Marketing subcommittee met on Tuesday, September 12, 2023. Commissioner Guidod read a review of the meeting (attached).

Old Business:

None

New Business:

COM0923-1 Approval of Cape Air Leasehold Improvements for the Fleet Hangar Doors.

MOTION to approve the Cape Air Leasehold Improvements for the Fleet Hangar Doors as outlined in the letter of request. **SPONSOR:** Infrastructure & Marketing Subcommittee (**May be acted upon**)

- This agenda item was moved and read by Commission Guidod; and seconded by Commissioner Flores.

- Cape Air needs to replace the bi-fold doors on the hangar that they lease from the airport.
- The plans for that replacement and the request to make this leasehold improvement, per the articles of their existing lease, were submitted to Airport Management.
- Separately, management and the attorneys have been in conversations with Cape Air about modifications to their lease to allow some flexibility in their lease payments to cover the cost of the doors. This has been done in the past with an airport owned building leased back to a tenant (similar to what we are doing with Aloft Aviation and the improvements that they are making to an airport owned asset).
- Airport Management will work on a Construction Safety and Phasing Plan (CSPP) with Cape Air.
- Pete Farrell, Cape Air, commented that the current doors were installed in 1996 by Cape Air. The doors are now 27 years old and need to be replaced. The replacements are made by the same company as the originals and will have an upgraded system with straps instead of cables. The project should start mid-October.
- This agenda item was unanimously approved by verbal vote.

COM0923-2 Approval of Travel Approval Letter for Airport Staff

MOTION to approve the Travel Approval Letter submittal to the Town Manager for the staff Live Fire Training, Airfield Marking Symposium, and Airport Round Table travel. **SPONSOR:** Finance Subcommittee (**May be acted upon**)

- This agenda item was moved and read by Commission Weill; and seconded by Commissioner Guidod.
- At the request of the Town Manager, Airport Management was asked to supply travel approval letters for various conferences, seminars and training for all airport staff.
- The FY2024 budget approved the funding for various training and conferences to ensure staff are properly trained to implement all aspects of their jobs to meet federal certification criteria.
- Airport Management has approved the following training/seminars:
 - 5 staff members will be attending the annually required live fire training to maintain their training requirements per Federal Aviation Regulation Part 139 (\$6,000 budgeted for FY2024)
 - 1 staff member will be attending an airfield marking symposium (airfield painting course) (\$3,200 budgeted for FY2024 *note that this was for two staff members and only one is attending thus far)
 - 1 staff member will be attending the Airport Round Table meeting (airline development) (\$9,000 budgeted for FY2024 *note that this was for two staff members and only one is attending thus far)
- This agenda item was unanimously approved by verbal vote.

COM0923-3 Approval of Change Order #2 for Design and Reconstruct Runway 6-24 Project

MOTION to approve Change Order #2 by and between Cape Cod Gateway Airport and Lawrence Lynch Inc. for work related to Runway 6/24 Replacement Project in the amount of \$49,262.96.

SPONSOR: Finance Subcommittee (**May be acted upon**)

- This agenda item was moved and read by Commission Flores; and seconded by Commissioner Guidod.
- Rationale was provided by Chris Bostwick
- This change order also includes a time extension of 10 days that was added by the contractor's notification on September 15th.
- This order covers the contract modification hereunder described: Remove and Replace Existing Runway 24 Supplemental Wind Cone and Partial Rewiring of Runway 24 MALS Threshold Light Bar Station.
 - CO2-1 Remove and Replace Existing Runway 24 Supplemental Wind Cone (\$31,263.36)
 - CO2-2 Partial Rewiring of Runway 24 MALS Threshold Light Bar Station (\$17,700.60)
 - Total Change Order amount = \$49,262.96

- This change order is within the original budget for the project and the project is within 95% of completion.
- Mr. Bostwick gave a description of a wind cone and its purpose.
- This agenda item was unanimously approved by verbal vote.

COM0923-4 Approval of Change Order #5 for time for the Airport Operations and T-hangar Replacement Project

MOTION to approve Change Order #5 by and between Cape Cod Gateway Airport and Trac Builders, Inc. for work related to the Airport Operations Modification and Upgrade and T-Hangar Replacement Project for a time extension of the completion date to December 15th, 2023.

SPONSOR: Finance Subcommittee (**May be acted upon**)

- This agenda item was moved and read by Chairman Griffin; and seconded by Commissioner Weill.
- Rationale to be provided by Chris Bostwick
- This has no monetary affect and is simply a change order for time to extend the contract date from August to December 2023.
- This is to cover the remainder of the work to be complete and some additional time was allowed so as not to have to come back for another change order. Mr. Bostwick is confident that the project will be complete within this extension.
- This agenda item was unanimously approved by verbal vote.

COM0923-5 Approval of Change Order #6 for the Airport Operations and T-hangar Replacement Project

MOTION to approve Change Order #6 by and between Cape Cod Gateway Airport and Trac Builders, Inc. for work related to the Airport Operations Modification and Upgrade and T-Hangar Replacement Project in the amount of \$16,859.56. **SPONSOR:** Finance Subcommittee (**May be acted upon**)

- This agenda item was moved and read by Commissioner Weill; and seconded by Commissioner Flores.
- Rationale to be provided by Chris Bostwick
- This order covers the contract modification hereunder described: Break Metal at Storefront, Move Light Fixture to Storage Room, Power to Nitrogen Generator, Change Tile at ARFF Shower, Delete 10 Fire Extinguisher Cabinets, Return Data, Telephone Services Back to the ARFF Building, Remove Existing Tank and Dispose, Cut Back Ramp at Electrical Vault
 - 06.1- PCO 32/Field Direction - Break Metal at Storefront (\$1,444.70)
 - 06.2- PCO 36/RFI 65- Move Light Fixture to Storage Room(\$627.18)
 - 06.3 - PCO 34/RFI 63- Power to Nitrogen Generator for the Fire Suppression System (\$1,396.52)
 - 06.4 - PCO 35/RFI 64 - Change Tile at ARFF Shower to smaller tiles for proper drainage angle (\$492.78)
 - 06.5 - PCO 38 - Delete 10 Fire Extinguisher Cabinets Credit (\$2,371.00)
 - 06.6 - PCO 40/Field Dir -- Return Data, Telephone Services Back to the ARFF Building and adding a second crash phone location (\$12,077.38)
 - 06.7 - PCO 41- Remove Existing Tank and Dispose (\$ 2,800.00)
 - 06.8 - PO 43 - Cut Back Ramp at Electrical Vault to adjust the grade (\$392.00)
 - Total Change Order amount = \$16,859.56
- Mr. Bostwick clarified some of the change order information for Commission Guid.
- This project is still under budget and should be complete within a month.
- This agenda item was unanimously approved by verbal vote.

COM0923-6 Approval of Change Order #1 for the Mary Dunn Way Extension Project

MOTION to approve Change Order #1 by and between Cape Cod Gateway Airport and Lawrence Lynch, Inc. for work related to the Reconstruct and Extend Mary Dunn Way Project in the amount of \$18,462.51. **SPONSOR:** Finance Subcommittee **(May be acted upon)**

- This agenda item was moved and read by Commissioner Guidi; and seconded by Commissioner Flores.
- Rationale to be provided by Chris Bostwick
- This order covers the contract modification hereunder described: Add seventeen detectable warning mats.
 - CO1-1 Add seventeen detectable warning mats (\$18,462.51)
 - Total \$ 18,462.51
- These warning mats are an ADA (Americans with Disabilities Act) requirement at crosswalks. These need to be mounted to concrete, not asphalt, so the concrete will be installed and then the mats mounted to the concrete to be flush with the asphalt.
- It was clarified that there is no change to the overall budgeted project total; but this will increase the Lawrence Lynch contract. The change order information will need to reflect this.
- This agenda item was unanimously approved by verbal vote.

COM0923-7 Approval of Amendment #7 to the contract dated August 18, 2020, by and between Cape Cod Gateway Airport and Horsley Witten Group (HWG) for ON-CALL ENVIRONMENTAL ENGINEERING, PERMITTING AND DEP REMEDIATION CONSULTANT SERVICES

MOTION to approve Amendment #7 to the On-Call Environmental Engineering, Permitting, and DEP Remediation Consultant Services Contract by and between Cape Cod Gateway Airport and Horsley Witten Group to extend the contract expiration date to June 30, 2024. **SPONSOR:** Finance Subcommittee **(May be acted upon)**

- This agenda item was moved and read by Commissioner Weill; and seconded by Commissioner Flores.
- Horsley Witten Group is the airport's current on-call firm for environmental engineering, permitting and DEP Remediation services.
- They have been the Airport's consultant on record and licensed site professional regarding hazardous materials such as PFAS remediation and responding to emergency spills of hazardous materials.
- The Airport would like to extend their contract to coincide with the fiscal year budget rather than end mid-year during a fiscal cycle.
- The Airport will need to go out to bid prior to the end of this contract to meet Procurement standards and will do so prior to June 30, 2024.
- There will be no monetary change, but this will extend the current on-call contract through the end of the current Fiscal Year.
- The previous amendments are for specific projects that are not included within their on-call services.
- This agenda item was unanimously approved by verbal vote.

COM0923-8 Approval of the Fuel Pricing Agreement by and between Cape Cod Gateway Airport and Everest Fuel Management, LLC

MOTION to approve the Fuel Pricing Agreement by and between Cape Cod Gateway Airport and Everest Fuel Management, LLC effective October 19, 2023. **SPONSOR:** Finance Subcommittee **(May be acted upon)**

- This agenda item was moved and read by Commissioner Flores; and seconded by Commissioner Guidi.
- Everest Fuel Management has contracted with the Airport since 2017.
- Their initial contract (2017) started at 50,001 gallons of jet fuel (the "Jet Fuel Quota")
- In 2018 they increased that to 100,001 gallons for the Jet Fuel Quota
- In 2019/2020, they raised their purchase to 200,001 gallons for the Jet Fuel Quota
- Each year they surpassed their Fuel Quota.
- In 2022 they asked to raise their purchase to 400,001 gallons for the Jet Fuel Quota

- And they are asking to maintain that rate again in 2023.
- Everest Fuel is a fuel management company for corporate aircraft.
- This agenda item was unanimously approved by verbal vote.

COM0923-9 Review, Discussion and Approval of Amendment #1 to the contract dated June 20, 2023, by and between Cape Cod Gateway Airport and Pierce Cote for ON-CALL COMMUNICATIONS MANAGEMENT AND COMMUNITY OUTREACH SERVICES

MOTION to review, discuss, and approve Amendment #1 to the On-Call Communications Management and Community Outreach Consultant Services Contract by and between Cape Cod Gateway Airport and Pierce Cote Advertising in the amount of \$15,000.00 to conduct and manage the process of updating the Cape Cod Gateway Airport Strategic Plan. **SPONSOR:** Infrastructure & Marketing Subcommittee **(May be acted upon)**

- Commissioner Guidod, when asked, did not want to move the agenda item as there is information that needs to be disseminated to the commission.
- Chairman Griffin moved that this agenda item be tabled until the next Commission meeting so that all commissioners may be able to be present. This was seconded and unanimously approved by verbal vote.
- Commissioner Guidod requested the pricing information, and the Scope of Work that Pierce Cote was bidding on during the RFP process.
- It was mentioned that like other on-call consultant contracts, it is in the RFP that lists the possible tasks that may be required. Often-times there may be several projects and tasks that are not able to be completed under their basic on-call contract budget but are for specific projects. It was recommended to look at this process and see if there was a better way to clarify and give transparency to the tasks and cost that would be included in the original contract.

Report of Special Committees

None

Updates:

- Chairman Griffin discussed the possible venue change for the Commission Meetings in the future. The audio/visual at the Airport is not ideal for the IT Department recordings.
 - Some of the Commission preferred to meet at the Airport and it was brought up that it may be an imposition on staff to go.
 - The Commission is willing to try and meet at the Crocker Hearing Room at the Town Hall for the October meeting to see if it would work for future meetings or not.
- Monthly Financial Review
 - Will be provided at the next meeting (October) – once the FY2023 books have closed.
- Electric Aviation Update
 - Airport Management has continued conversations with tenants.
 - A draft lease has been completed for BETA of VT to install a facility on the East Ramp for both Aircraft and vehicles.
 - Conversations have started with Southern Airways Express and SurfAir Mobility regarding HYA as a local for hybrid aircraft operations.
 - Trensend Air has not returned multiple calls and emails.
 - MassDOT Procurement for the SmartGrid program underway
 - Grant award of \$1.95 million – we are trying to establish a smart microgrid (solar, wind, geothermal) to provide sustainable energy supply to the airport and CCRTA - We are also looking to supply excess power to the airport (for buildings, charging stations, etc.)
 - 9/15/2023 is the start date but MassDOT is waiting for the grant award from DOT.
 - Award and payments will go through MassDOT
 - We are looking at 30% design stage for this planning effort
 - Schedule (Developed by MassDOT Aeronautics):

- 7/14/2023 = bid on the street
 - 7/26/2023 = pre-bid meetings (airport cannot be an evaluator)
 - 8/16/2023 = bids due
 - 8/30/2023 = bid award
 - 10/1/2023 = contract
 - 3/1/2025 = 30% design completed
- Management has been contacted by the Cape Cod Chamber to hold an Electric Vehicle and Electric Aircraft event in April 2024.
- WS Development Update
 - Access Road Impacts Update
 - 9/25/2023 start of the connecting pedestrian walkway access to the Airport
 - Floor & Décor – working on opening soon
 - Whole Foods – working on opening soon
- Projects Update/Status
 - Airport Operations Renovation
 - Project is 95% complete and expected to be re-occupied in two weeks
 - Replacement of T-hangar Project
 - The ramp and T-hangar have been completed. The certificate of occupancy should be received within two weeks
 - Runway 6/24 Reconstruction Project
 - Pavement grooving will start next week and a final coat of paint will be put down.
 - EMAS (Engineered Materials Arresting System) Replacement Project
 - Test results for the removed materials are complete and the materials have been removed. This should be complete by mid-October.
 - Manager Servis gave a history of the original EMAS bed installation after an aircraft incident in 2001.
 - Mary Dunn Way Extension
 - No significant updates
- Procurement
 - Airline Consultant
 - Café commercial kitchen or retail
 - Airport Signs and Tower Sign
- Airport Environmental Assessment Status (<https://flyhya.com/airport-info/environmental-assessment/>)
 - Next meeting = October 18, 2023 – 2:00 pm ZOOM and 6:00 pm in person at Town Hall
- PFOS/Public Involvement Plan & Update
 - PFAS Next Community Meeting – post October meetings with DEP and Phase V Report
 - Phase V Report = underway (October 2023 submittal)
- Upcoming Events:
 - September 2023
 - September 21, 2023 (non-airport run event) = Cape Cod Young Professionals Back to Business Bash
 - September 22, 2023 = SE MA Aviation Career Fair (3rd annual event)
 - September 23, 2023 = A Great Day at the Gateway
 - Volunteers needed!

Announcements – Commissioner's Comments

Commissioner Weill wanted to congratulate the whole airport team on the close completion of three big projects that are on budget and on time. He wanted the public to know that even though there were a lot of financial items on the agenda, the process discusses these in the subcommittees at great length prior to the full Commission meeting for approval.

Chairman Griffin participated in an Honor Flight to Washington of about 60 people from New England recently and it was a very uplifting experience. This ties in with the Saturday "Great Day

at the Gateway" event honoring all individuals in the armed services and first responders. He invited everyone to stop by and enjoy the event!

Commissioner Guidod commented on the excellent job that has been done on the safety on and around the construction sites at the airport.

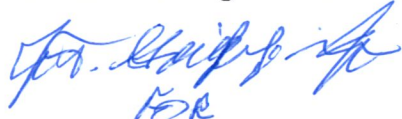
Matters not reasonably anticipated by the Chair)

None

Adjournment –

Upon Motion duly made and seconded, the meeting was adjourned at 5:33 PM.

The next meeting will be held on October 17, 2023.



NORMAN WEILL, CLERK

Documents attached:

Finance Subcommittee speaking notes

Infrastructure & Marketing Subcommittee speaking notes

Cape Air Hangar Door Replacement Plans

Summary and detail for Change Orders #2 – Design & Construct Runway 6-24 Project

Summary and detail for Change Orders #5 & #6 - OPS Modification, T Hangar Upgrade Project

Summary and detail for Change Orders #1 – Mary Dunn Way Extension Project

Existing Projects Update presentation

Met Tuesday, September 12, 2023

The meeting was held via ZOOM

Meeting was called to order at 8:32 a.m.

Commissioners Weill, Flores & Bailey were present via zoom.

Minutes of the July 18, 2023 Regular Session Finance meeting were unanimously approved by a roll call vote.

OLD BUSINESS:

There was no old business to discuss.

NEW BUSINESS

FIN0923-1 Review and Approve Travel Approval Letters for Airport Staff

- Per the Town Manager requested Airport Management will supply travel approval letters for various conferences, seminars and training for all airport staff.
- Airport Management has approved the following training/seminars:
 - 5 staff members Annual Live Burn training
 - 1 staff member- Airfield Marking Symposium
 - 1 staff member -Airport Round Table Meeting.

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval.

FIN0923-2 Review and Approve Change Order 2 for Design and Reconstruct Runway 6-24 Project

- Rationale was provided by Senior Project Manager, Chris Bostwick
- This order covers the contract modification hereunder described:
 - Remove and Replace Existing Runway 24 Supplemental Wind Cone, Partial Rewiring of Runway 24 MALS Threshold Light Bar Station.

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval.

FIN0923-3 Review and Approve Change Order #6 for the Airport Operations and T-hangar Replacement Project

- Rationale was provided by Senior Project Manager, Chris Bostwick
- This order covers the contract modification hereunder described: Break Metal at Storefront, Move Light Fixture to Storage Room, Power to Nitrogen Generator, Change Tile at ARFF Shower, Delete 10 Fire Extinguisher Cabinets, Return Data, Telephone Services Back to the ARFF Building, Remove Existing Tank and Dispose, Cut Back Ramp at Electrical Vault

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval.

FIN0923-4 Review and Approve Change Order #5 for the Airport Operations and T-hangar Replacement Project

- Rationale was provided by Senior Project Manager, Chris Bostwick
- This change order has no monetary affect it's a change order for time to extend the contract date from August to December 2023.

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval.

FIN0923-5 Review and Approve Change Order #1 for the Mary Dunn Way Extension Project

- Rationale was provided by Senior Project Manager, Chris Bostwick
- This order covers the contract modification hereunder described:
 - Add seventeen detectable warning mats

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval.

FIN0923-6 Review and Approve Amendment #1 to the contract dated June 20, 2023 by and between Cape Cod Gateway Airport and Pierce Cote for ON-CALL COMMUNICATIONS MANAGEMENT AND COMMUNITY OUTREACH SERVICES

- The Airport's Business Plan/Strategic Plan was implemented in June 2018 and is ready for a refresher.
- The fall of 2017, Pierce Cote Advertising provided their services in developing The Airport's Business Plan/Strategic Plan.
- Pierce Cote has extensive experience in this area with Brad Schiff, President of Pierce Cote Advertising will be taking the lead in this task.
- Pierce Cote Advertising tasks were discussed.

Action: The agenda item was moved to the September 19, 2023 Full Commission meeting for approval

FIN0923-7 Review and Approve Amendment #7 to the contract dated August 18, 2020 by and between Cape Cod Gateway Airport and Horsley Witten Group (HWG) for ON-CALL ENVIRONMENTAL ENGINEERING, PERMITTING AND DEP REMEDIATION CONSULTANT SERVICES

- Horsley Witten Group is the airport's current on-call firm for environmental engineering, permitting and DEP Remediation services.
- Discussed extending their contract to coincide with the fiscal year budget rather than end mid-year during a fiscal cycle.
- The Airport will need to go out to bid prior to the end of this contract to meet Procurement standards and will do so prior to June 30, 2024.

Action: The agenda item was moved to the *September 19, 2023* Full Commission meeting for approval

FIN0923-8 Review and Approve Fuel Pricing Agreement by and between Cape Cod Gateway Airport and Everest Fuel Management, LLC

- Everest Fuel Management has been contracted with the Airport since 2017. Their initial contract 2017 started at 50,001 the Fuel Quota.
 - 2018 increased that to 100,001 Fuel Quota
 - 2019 and 2020 increased to 200,001 Fuel Quota
 - Each year they surpassed their Fuel Quota.
 - 2022 they raise their purchases to 400,001 Fuel Quota
- Their contract is expiring in October 2023 and they have requested to maintain rate again in 2023.

Action: The agenda item was moved to the *September 19, 2023* Full Commission meeting for approval

Updates:

- Monthly Financial Review (Finance)
 - To be provided at the October 3rd, 2023 meeting once the FY2023 books have closed
- WS Development Update
 - Access Road Impacts Update : on the 9/25/2023 they will start the connecting access to the Airport
- Upcoming Events:
 - September 2023
 - September 21, 2023 (non-airport run event) = Cape Cod Young Professionals Back to Business Bash
 - September 22, 2023 = SEMA Aviation Career Fair (3rd event)
 - September 23, 2023 = A Great Day at the Gateway
 - Volunteers needed!

Meeting was adjourned at 9:15 am.

Met Tuesday, September 12, 2023 at 10:34 am

Commissioners DiGeorge, Bierwith, and Guiod were present. The meeting was held via ZOOM.

The following item was taken out of order:

IN0923-2 Review and Approve Cape Air Leasehold Improvements for the Fleet Hangar Doors.

- Cape Air is in need of replacing the bi-fold doors on the hangar that they lease from the airport.
- Peter Farrell, Cape Air, stated that the bi-fold doors are 27 years old and were installed by Cape Air when they moved into the building. The replacement doors are made by the same company as the existing doors and the work should be completed by the end of the year.
- Plans for the requested leasehold improvement were reviewed.
- This agenda item was approved moved to the full commission.
-

UNFINISHED BUSINESS:

IN1021-2 Review and Discuss the Sign Plan Modifications to Meet Rebranding Efforts

- This requires a Procurement bid due to base sign construction element
- On-call engineers, Airport Solutions Group, developed the bid specifications for bidding purposes.
- Airport management needs to review and send to procurement for advancement
- Funding is available in the FY2024 budget for the Tower sign and two replacement signs at the rotary and Attucks Lane.

NEW BUSINESS:

IN0923-1 Review and Approve Amendment #1 to the contract dated June 20, 2023 by and between Cape Cod Gateway Airport and Pierce Cote for ON-CALL COMMUNICATIONS MANAGEMENT AND COMMUNITY OUTREACH SERVICES

- The financial request for this amendment was presented to the finance sub-committee at their meeting on 9/12/2023 and was approved to move forward to the full commission. One of the comments from that meeting was that both subcommittees would participate in the proposed Business Plan.
- Pierce Cote has extensive experience in this area with Brad Schiff, President of Pierce Cote Advertising, taking the lead in this task.
- Brad worked with the airport in 2017/2018 to develop the current Business Plan/Strategic Plan in use.
- The original bid documentation for ON-CALL COMMUNICATIONS MANAGEMENT AND COMMUNITY OUTREACH SERVICES included the Business Plan Update as a potential task, meaning that a scope of work would need to be developed for such a task.
- After various comments and discussions it was determined that this agenda item needs further discussion at the full commission meeting to make sure that all of the commissioners are in agreement, and that there is full disclosure.
- This agenda item was not approved at this meeting and will be forwarded to the Commission for further review prior to approval.

Updates:

Updates will be addressed at the Commission meeting on September 19, 2023.

Commissioner Bierwirth commented on the email from Epsilon for the Environmental Assessment (EA) information to the stakeholders. She thinks it is important to emphasize to the community that this is the time to provide input for the EA and it could be communicated in a follow up email. The FAA deadline has been expanded to the end of September and this was sent as a courtesy to our stakeholders by the airport.

Adjournment: Having no other business to discuss, the meeting was adjourned at 11:15 a.m.



660 BARNSTABLE ROAD
HYANNIS, MA 02601
508-862-9785

September 1, 2023

To: Katie Servis, Airport Manager, Cape Cod Gateway Airport (HYA)
Matthew Elia, Assistant Airport Manager, Cape Cod Gateway Airport (HYA)

From: Peter H. Farrell, Hyannis Air Service, Inc. dba Cape Air

Subject: Hangar doors replacement for 660 Barnstable Road hangar building

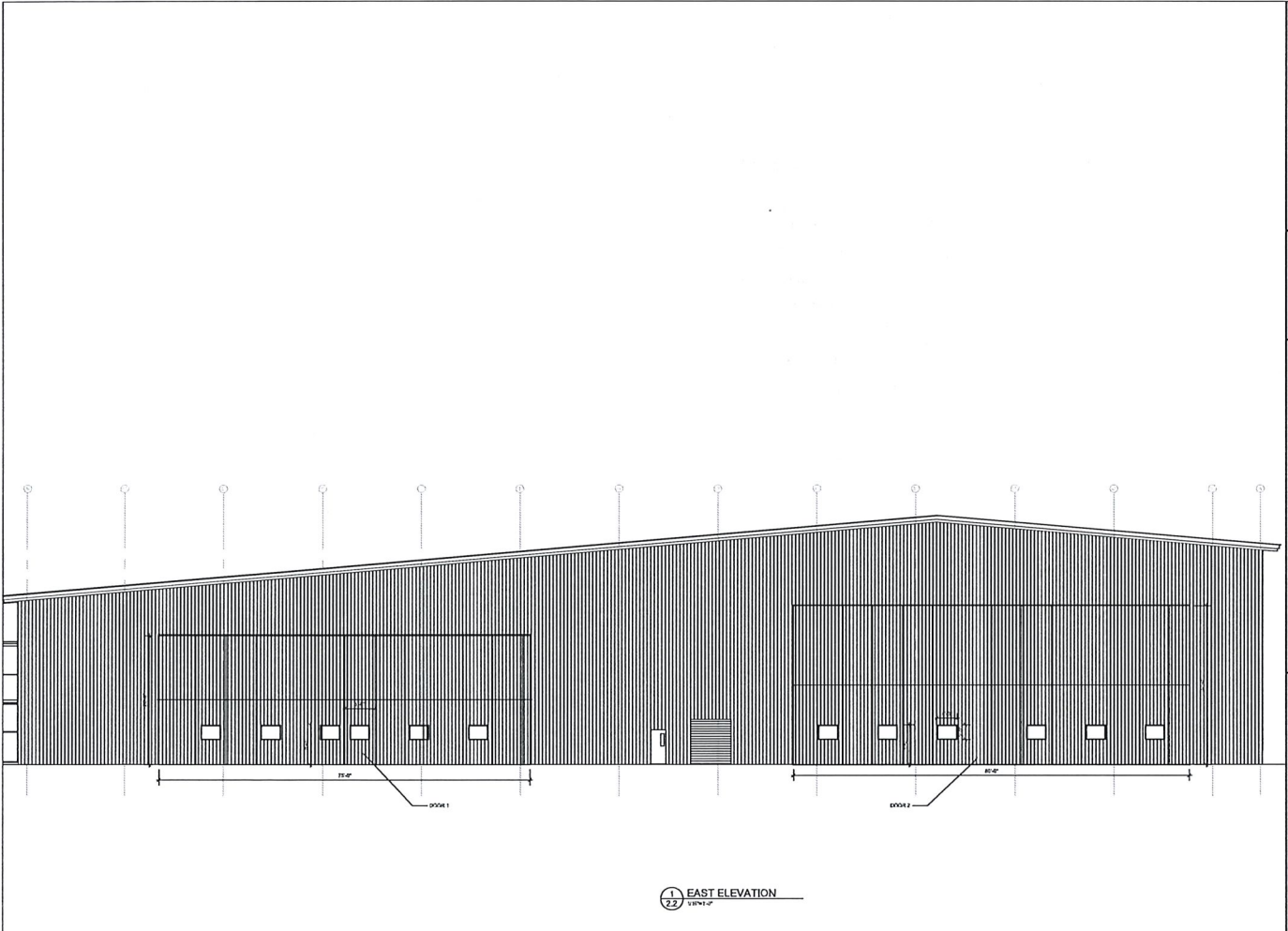
Cape Air has received a Coastal Engineering Company (CEC) report on the condition of the hangar doors, installed in 1996. CEC found the structural condition of each of the bi-fold hangar doors to be poor and recommends that each be replaced.

Cape Air plan:

- **Job Description** – Replace two existing bi-fold hangar doors with new Schweiss bi-fold doors.
- **Contractor** – Barnes Buildings and Management Group, Inc.
- **Construction Period** – OCT 2023 – JAN 2024
- **Pre-Construction** – submit Construction Safety and Phasing Plan (CSPP)
- **Permitting and Approvals** - All required MA State Permits, FAA and MassDOT approvals to be obtained prior to construction.
- **Environmental** – 2” Metlspace R-22 Light Mesa panels to be installed.

Peter H. Farrell
VP, Supply Chain and Sustainability
Cape Air
Peter.Farrell@capeair.com
508-648-0767





1 EAST ELEVATION
22

NEW RESIDENCE FOR:
CAPE AIR
600 BARNSTABLE ROAD
HYANNIS MA 02601

TITLE:
PROPOSED
ELEVATIONS

A3 architects, inc
Residential Commercial Net Zero
831 Main Street
Cape Air, MA 02601
508.994.7887 phone
www.a3architects.com

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DOORS 10.21.2022

A2.2

Order Number:				Bid Number: 82622-CA							
BILL TO:				SHIP TO:				BUILDING MANUFACTURER			
Cape Air				Hyannis				MA 02601			
Peter Farrell											
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches	
80'-0.00"	25'-0.00"	72"	31'-0.00"	SCHWEISS	Bottom Drive	Strap Lift	External	Single Hinges	964"	372"	

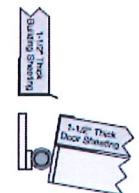
PRELIMINARY SPECS

- We are providing PRELIMINARY SPECS primarily for you to pass on to your Building Manufacturer / Engineer / Architect / Contractor for the overall size and hinge locations for this door.
- These are PRELIMINARY SPECS and the WEIGHTS and REACTIONS will change, therefore DO NOT design or manufacture the Doors Building Header and the Doors Building Side Columns using these Preliminary Spec Weights and Reactions.
- FINAL SPECS will be provided with the FINAL WEIGHTS AND REACTIONS after contract and engineering are finalized. ONLY use FINAL WEIGHTS AND REACTIONS to design and manufacture the Doors Building Header and the Doors Building Side Columns.

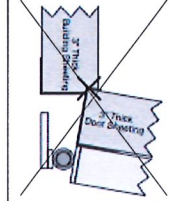
PRELIMINARY - Bi-Fold Door Specifications

	Inches	Feet & Inches	
A-	960.00"	80'- 0.00"	Clear Opening between side columns or (steel or wood) - finished clear opening.
AA-	972.00"	81'- 0.00"	Total distance to stay back with the building sheeting on the side columns.
B-	300.00"	25'- 0.00"	Clear Opening from bottom truss to finished floor - or total height opening.
C-	372.00"	31'- 0.00"	Distance from finished floor to the very top of hinge (B+D=C).
CCC-	360.00"	30'- 0.00"	When using stubs to attach your bi-fold door to - the stub columns should hang no lower than 12 inches below the C measurement. IMPORTANT NOTIFY SCHWEISS if stub columns are lower than 12".
<i>(Steel Only)</i>			
D-	72.00"	6'- 0.00"	Distance from top of clear height to top of single hinges.
E-	71.00"	5'- 11.00"	Distance from top of clear height to center of mounting hole for single hinges.
F-	375.00"	31'- 3.00"	Distance from finished floor to the building sheeting line above the door. Hold the sheeting to this elevation from the finished floor. These Specs are designed for up to 1-1/2" Thick Sheeting Panels and Trim. When using 2" Thick Insulated Panel and Trim Add 2" to F Measurement Above. When using 3" Thick Insulated Panel and Trim Add 3" to F Measurement Above. IMPORTANT - It is the Contractors/Owners Responsibility to Ensure the Door Sheeting does not Collide with the Building Sheeting - See Illustrations S1 and S2 on the right of this page.
H-	371.00"	30'- 11.00"	Distance from the finished floor to the center of single hinge bolt holes. YOU WILL BOLT THROUGH YOUR HEADER AT THIS HEIGHT.
H2-	1 x 6 HB		Header Bolts Schweiss providing, unless otherwise specified by customer / contractor.

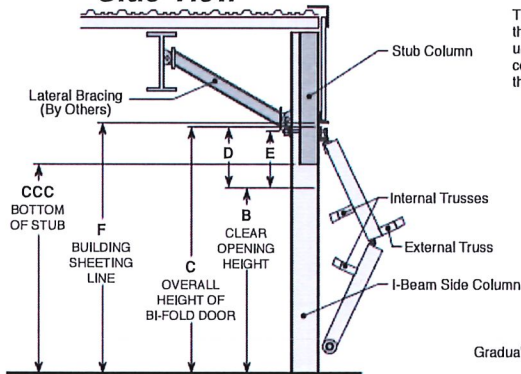
S1 - Clears



S2 - Collision

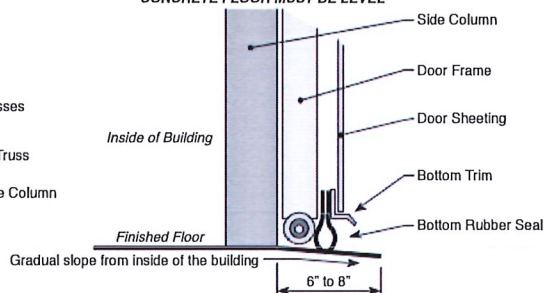


Side View

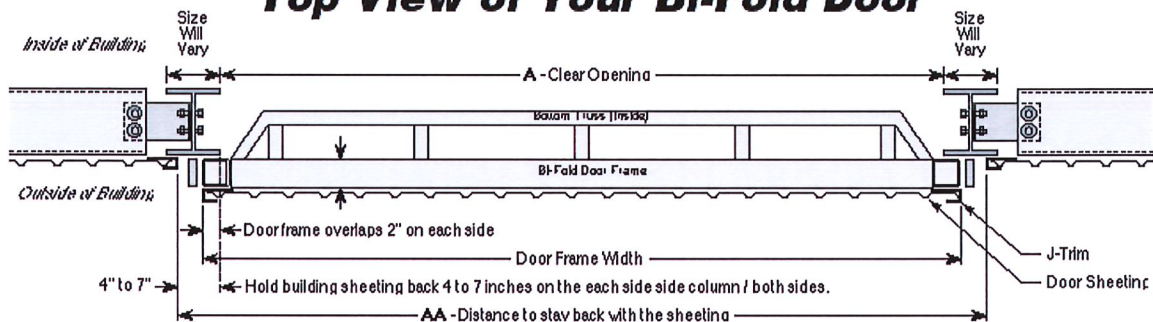


Your Concrete Floor

There must be a solid base or floor under the door frame. The door rests on the face of the building column or building line. To provide a weather tight seal under the bi-fold door and to keep moisture out of the building, have the concrete floor extend beyond the opening 6 to 8 inches sloping away from the building. **CONCRETE FLOOR MUST BE LEVEL**



Top View of Your Bi-Fold Door



Order Number:					Bid Number: 82622-CA					
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches
80'-0.00"	25'-0.00"	72"	31'-0.00"	SCHWEISS	Bottom Drive	Strap Lift	External	Single Hinges	964"	372"

PRELIMINARY SPECS

1. We are providing PRELIMINARY SPECS primarily for you to pass on to your Building Manufacturer / Engineer / Architect / Contractor for the overall size and hinge locations for this door.
2. These are PRELIMINARY SPECS and the WEIGHTS and REACTIONS will change, therefore DO NOT design or manufacture the Doors Building Header and the Doors Building Side Columns using these Preliminary Spec Weights and Reactions.
3. FINAL SPECS will be provided with the FINAL WEIGHTS AND REACTIONS after contract and engineering are finalized. ONLY use FINAL WEIGHTS AND REACTIONS to design and manufacture the Doors Building Header and the Doors Building Side Columns.

PRELIMINARY - Design Criteria - Required Door Information

Building Code	2018 IBC	Building Code - (Default is 2012 IBC)
Wind Speed	140 mph	3 second gust - (Default is 115 mph)
Risk Category	II	II, III, or IV - (Default is II) - (2009 IBC = Standard Occupancy)
Wind Exposure	C	Exposure - (Default is C)
Wind Type	Main Wind	Component Wind or Main Wind Force (MWFERS) - (Component if less than 700sqft.)
Enclosure	Enclosed	Enclosed or Partially Enclosed - (Default is Enclosed)
Topographic Factor - Kzt	1	Must Be Provided by the Engineer of Record- (Default is 1)
Building Height	30'	Mean Roof Height or Eave Height for Building with Roof Slope of 10 Degrees or Less.
Roof Slope	1 : 12	Roof Slope - (Default is 1 : 12)
Door Operational Wind Speed	30 mph	Maximum Wind Speed for Door Operation is: 30 mph

Do not operate door if wind speed exceeds the maximum door operating speed. Door must be closed with floor pins and locks engaged when unattended or when wind speed is expected to exceed the maximum door operating speed.

PRELIMINARY - Technical Information For Your Bi-Fold Door

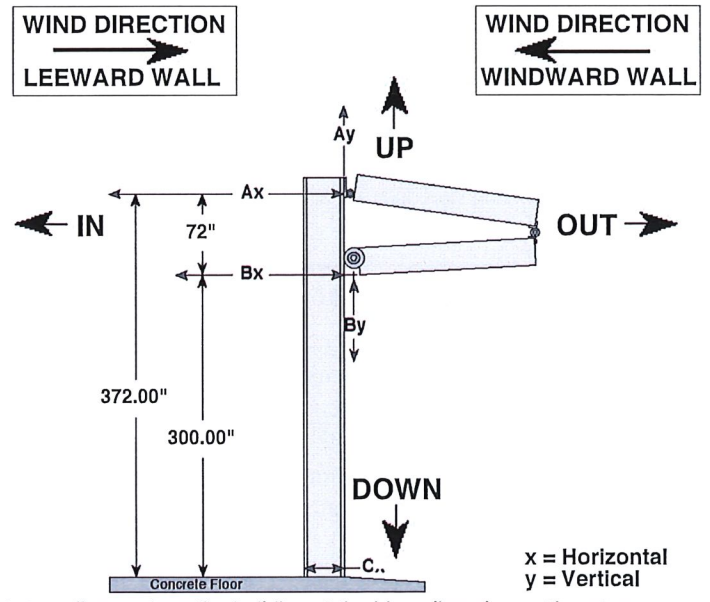
A1-	14	Number of Hinges
A2-	12	Number of Lift Points Distributed Equally.
A3-	460-3PH	Electrical System with Up/Stop/Down Switch and Power Unit on the (LI) - Left/Inside

WARNING - These are PRELIMINARY WEIGHTS that will change due to Final Engineering, if you pass these on to your Building Manufacturer / Engineer / Architect / Contractor, please inform them that these are not the FINAL WEIGHTS. DO NOT manufacture the Doors Building Header or the Doors Building Side Columns using these PRELIMINARY SPEC WEIGHTS.

B1-	25931 lbs	Structural Framing Weight
B2-	2465 lbs	Exterior Sheeting & Trim Weight (29ga. = 0.82 psf. -- 26ga. = 0.99 psf.)
B3-		Liner Sheeting & Trim Weight (29ga. = 0.82 psf. -- 26ga. = 0.99 psf.) / 2 If Only Bottom Half
B4-		Insulation Weight (4" Blanket = 0.5 psf. -- 6" Blanket = 0.65 psf.)
B5-	4975 lbs	Optional - added accessories
B6-	33371 lbs	Estimated Total Door Weight

PRELIMINARY - Door Reactions

DOOR CLOSED	END HINGES			CENTER HINGES	
	Column React. at Base (lbs.)	Side Column and 1st Hinge Loc. from Each End (lbs.)		Interior Hinges (lbs.)	
	(Cx)	(Ax)	(Ay)	(Ax)	(Ay)
Dead Load	0	0	1412~	0	2824~
WINDWARD WALL 140 MPH WIND LOAD					
Internal Pressure	6050 <	512 <	0	1024 <	0
Internal Suction	15950 <	1350 <	0	2699 <	0
LEEWARD WALL					
Internal Pressure	12925 >	1094 >	0	2187 >	0
Internal Suction	3025 >	256 >	0	512 >	0
DOOR OPEN	END HINGES			CENTER HINGES	
	Roller Forces (lbs.) Ea. Side	Side Column and 1st Hinge Loc. from Each End (lbs.)		Interior Hinges (lbs.)	
	(Bx)	(Ax)	(Ay)	(Ax)	(Ay)
Dead Load	21145 <	1789 >	1412~	3578 >	2824~
WINDWARD WALL 30 MPH MAXIMUM WIND FOR DOOR OPERATION					
Internal Pressure	1419 <	128 <	89 ^	256 <	179 ^
Internal Suction	832 <	75 <	52 ^	150 <	105 ^
LEEWARD WALL					
Internal Pressure	1011 >	91 >	64 ^	183 >	128 ^
Internal Suction	424 >	38 >	27 ^	77 >	53 ^



Important Note: When your bi-fold door is opening or in the wide open position, the door tends to pull away from the building at the hinge line also putting stress on each building column where the roller moves along the column flange. The building manufacturer/contractor/owner is responsible to insure that the building structure is capable of handling all the imposed loads. All materials not supplied by Schweiss are the full responsibility of others!

Order Number:						Bid Number: 82622-CA				
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches
80'-0.00"	25'-0.00"	72"	31'-0.00"	SCHWEISS	Bottom Drive	Strap Lift	External	Single Hinges	964"	372"

PRELIMINARY SPECS	<ol style="list-style-type: none"> 1. We are providing PRELIMINARY SPECS primarily for you to pass on to your Building Manufacturer / Engineer / Architect / Contractor for the overall size and hinge locations for this door. 2. These are PRELIMINARY SPECS and the WEIGHTS and REACTIONS will change, therefore DO NOT design or manufacture the Doors Building Header and the Doors Building Side Columns using these Preliminary Spec Weights and Reactions. 3. FINAL SPECS will be provided with the FINAL WEIGHTS AND REACTIONS after contract and engineering are finalized. ONLY use FINAL WEIGHTS AND REACTIONS to design and manufacture the Doors Building Header and the Doors Building Side Columns.
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Minimum Bi-Fold Door Header Requirements

1. Maximum Allowable Vertical Deflection $L / 180$ Maximum under Dead + Live Load or Dead + Snow Load Combinations. Vertical Frame Deflection must be held so that the door will open when the full snow load is applied to the building.
2. Deflection Increases from 0 at Door Side Columns to the maximum allowable deflection at the center of the door.
3. Maximum Allowable Horizontal Frame Drift is $H / 60$ in the plane of the wall containing the door.

Minimum Bi-Fold Door Side Column Requirements

4. $L / 90$ (Wind Load) Maximum Allowable Inward or Outward Deflection of Your Buildings Bi-Fold Door Side Columns:
5. $L / 180$ (Dead Load of Door)
6. 1-3/8" Recommended Minimum Flange Thickness of Your Buildings Bi-Fold Door Side Columns:

Information for Building Designers

Designing the Door Side Column for Bi-Fold Doors.

7. The door side column must be designed to withstand the roller forces as the door opens. Due to the door roller the column flange must be designed to limit the deflection of the flange as the door opens.
8. The door side columns and door header must be on the same plane - flush with each other.

Design the door side columns for:

9. Major axis bending due to the Roller Forces (Bx) shown on the Door Reactions Chart.
10. Axial load by the building framing on the door side column (including the dead load of the door).
11. Design for combined major axis bending and axial load per the provisions of the governing building code, The 2005 Manual of Steel Construction Chapter H.

Deflection Requirements for door side column:

12. Design the door side column for the same deflection requirements as required by the building code.

General Design Notes:

13. The door side columns, header and bracing should be designed by a qualified Professional Engineer.
14. Specific building conditions other than those indicated in the Spec Sheets may exist which require further engineering consideration.
15. Schweiss is not responsible for the size or design of the door header and side columns for your building. All materials not supplied by Schweiss are the full responsibility of others.
16. Door Dead Load is applied to the building when the door is open or closed.
17. It is the building designers responsibility to combine the door reactions with the appropriate load combinations.

Upgrade Equipment - Customer's Choice

You may add any accessory to your Bi-Fold Door, Schweiss strongly recommends these accessories be used on every door. Only included with your order if the box is checked

1. Top Override Jiggle Switches
2. Side Latch Jiggle Switches
3. Electric Photo Eye Sensors
4. 3 Button Automatic Switch
5. Door Base Safety Edge
6. Warning Lights and Horn
7. Emergency Back-Up Hand Crank

Read the Schweiss "Safety Information and Operation Manual"
 The Schweiss Bi-Fold Doors Safety Information and Operation Manual should be read by anyone involved in the design, specifications, selection or purchase of an industrial bi-fold door operator or automated bi-fold door system.

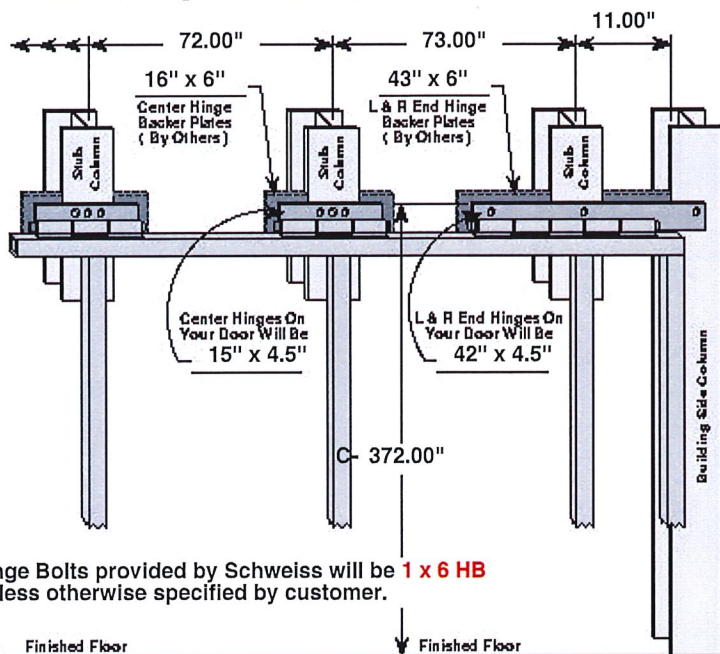
Call Us If You Have Any Questions
 If you have any questions or comments about your bi-fold door's safe operation or its design, call us at the numbers listed at the top of the page and talk to our knowledgeable staff at the factory.

Order Number:				Bid Number: 82622-CA						
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches
80'-0.00"	25'-0.00"	72"	31'-0.00"	SCHWEISS	Bottom Drive	Strap Lift	External	Single Hinges	964"	372"

Attaching Bi-Fold Door To Your Building

Typical I-Beam Building Side Column With Stub Columns

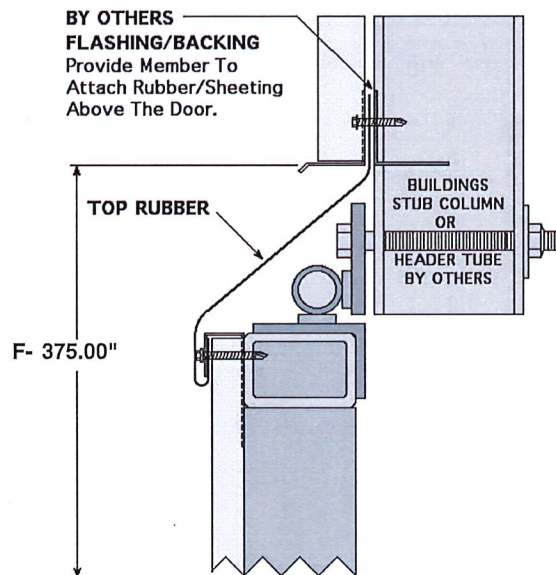
- Bolt Through Side Columns and Stub Columns.
- Hinge Backer Plate Provided By Building Manufacturer/Owner/Contractor.
- Hinge Backer Plate Thickness Determined By Building Manufacturer.
- Recommended Hinge Backer Plate Sizes - See Below...



Hinge Bolts provided by Schweiss will be **1 x 6 HB** Unless otherwise specified by customer.

Sheeting Above Your Bi-Fold Door

- Sheet above door at the height shown below.
- Provide proper backing to attach sheeting and door top rubber to at this height.



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3. FINAL SPECS will be provided with the FINAL WEIGHTS AND REACTIONS after contract and engineering are finalized. ONLY use FINAL WEIGHTS AND REACTIONS to design and manufacture the Doors Building Header and the Doors Building Side Columns.

Owners / Building Manufacturers / Engineers / Architects / Contractors:

When working with contractors or construction companies **it is your responsibility to pass** this information on to them. The Building Manufacturer / **Engineer / Architect** / Contractor / Owner is responsible to ensure that the building structure is capable of handling all the imposed loads. All materials not supplied by Schweiss are the full responsibility of others!

Building Manufacturer / Engineer / Architect / Contractor / Owner is responsible for ensuring that the correct version of A-1 thru A-7 Spec Sheets are being used for their door. Schweiss Distributing is **Not** liable for the **Building Manufacturer, Engineer / Architect / Contractor / Owner** using an obsolete or PRELIMINARY version of the A-1 thru A-7 Spec Sheets.

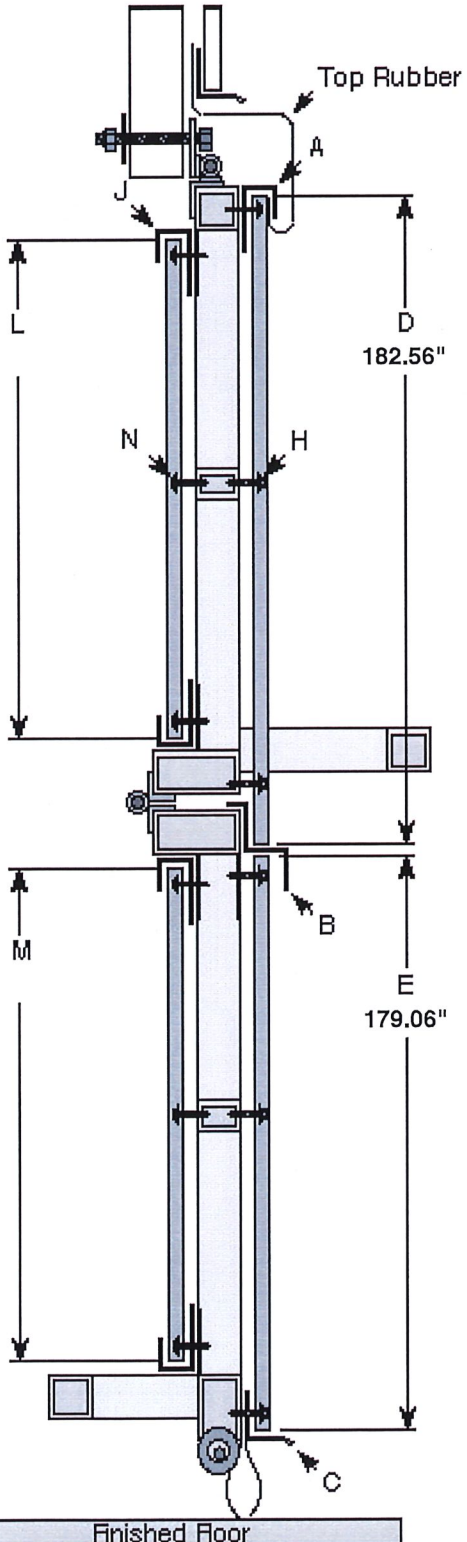
I have read through the FINALIZED Spec Sheets A-1, A-2, A-3, A-4, A-5, A-6, A-7 and agree to them.

Customer: _____
SIGNATURE REQUIRED

Thank You : _____
Sales Person Jeremy Riche

Order Number:					Bid Number: 82622-CA					
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches
80'-0.00"	25'-0.00"	72"	31'-0.00"	SCHWEISS	Bottom Drive	Strap Lift	External	Single Hinges	964"	372"

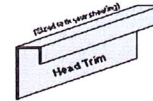
External Sheeting and Trim Provided By: Customer Responsibility



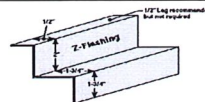
Leave your end wall open or un-sheeted until the door is installed! If the end wall is to be fully sheeted before the door is completed, do not nail or fasten the bottom of the sheets above the door frame.

NOTE: SD = Sheeting Depth

A 82' H-Trim 26g. - 3xSDx1



B 82' Z-Trim 26g. - 1x2xSDx1.75

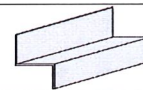


C 82' B-Trim 26g. - 2.75xSDx.75



Qty	Length	
D 27	182.56"	Sheeting
E 27	179.06"	Sheeting

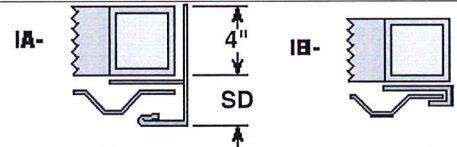
F
H2
G



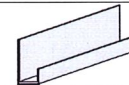
H 986 1" Fine Thread Tek Screws w/ Seal Washer

I 64' F-Trim 26g. - 4x2.75xSDx1

Customers choice on side trim style. Either style works well. If provided by Schweiss you will receive IA "F-Trim".



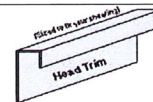
J



Liner Sheeting and Trim Prov. By: Customer Responsible

Flash For Liner Sheeting = Not Set-Up for Liner Sheeting

K



Qty	Length	
L		
M		
N		

Hinge Bolts provided by Schweiss will be **1 x 6 HB** Unless otherwise specified by customer.

Order Number:						Bid Number: 82622-CA				
Door Width	Door Height	Wdg.	Overall Height	Door Style	Drive Type	Lift Type	Truss	Hinge Style	Tot W - Inches	Tot H - Inches
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**DETAILED DRAWING
 OBSTRUCTIONS INSIDE OF THE DOORS CLEAR OPENING**

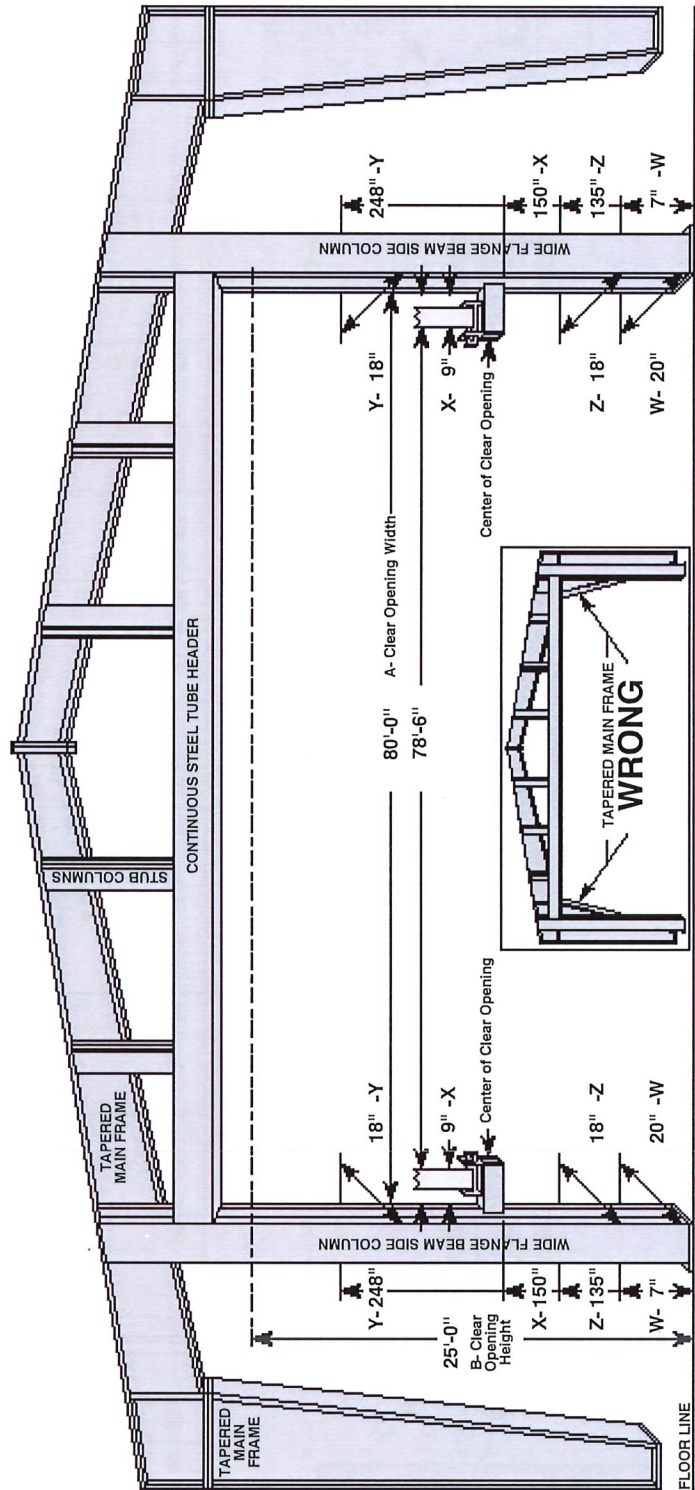
Door Opening - Internal Clearance Required

When the bi-fold door comes with internal trusses and/or automatic side latches, the building manufacturer must provide the proper internal clearances inside of the doors clear opening. Schweiss is calling out the distances below and it is the customers/building manufacturers responsibility to ensure these clearances are met for your door to function properly. Pass this information on to your building manufacturer.

VERY IMPORTANT: Keep This Area Clear of Obstructions

There must be no obstacles or obstructions inside of your clear opening at the dimensions listed below.
 Examples: No Tapered Main Frames, Interior Walls, etc...

- W - Bottom Truss..... - Allow 20" back at 7" up.
- X - Strap Latches..... - Allow 9" in at 150" up.
- Y - Top Internal Truss..... - Allow 18" back at 248" up.
- Z - Bottom Internal Truss... - Allow 18" back at 135" up.

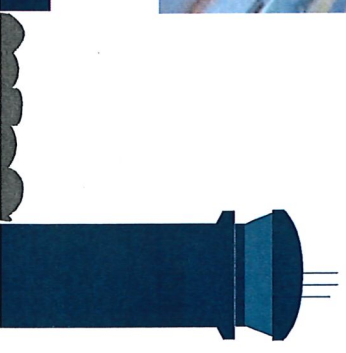
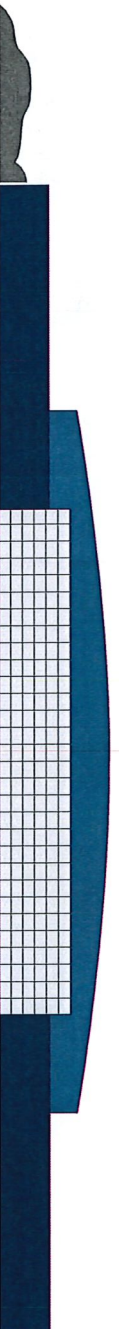
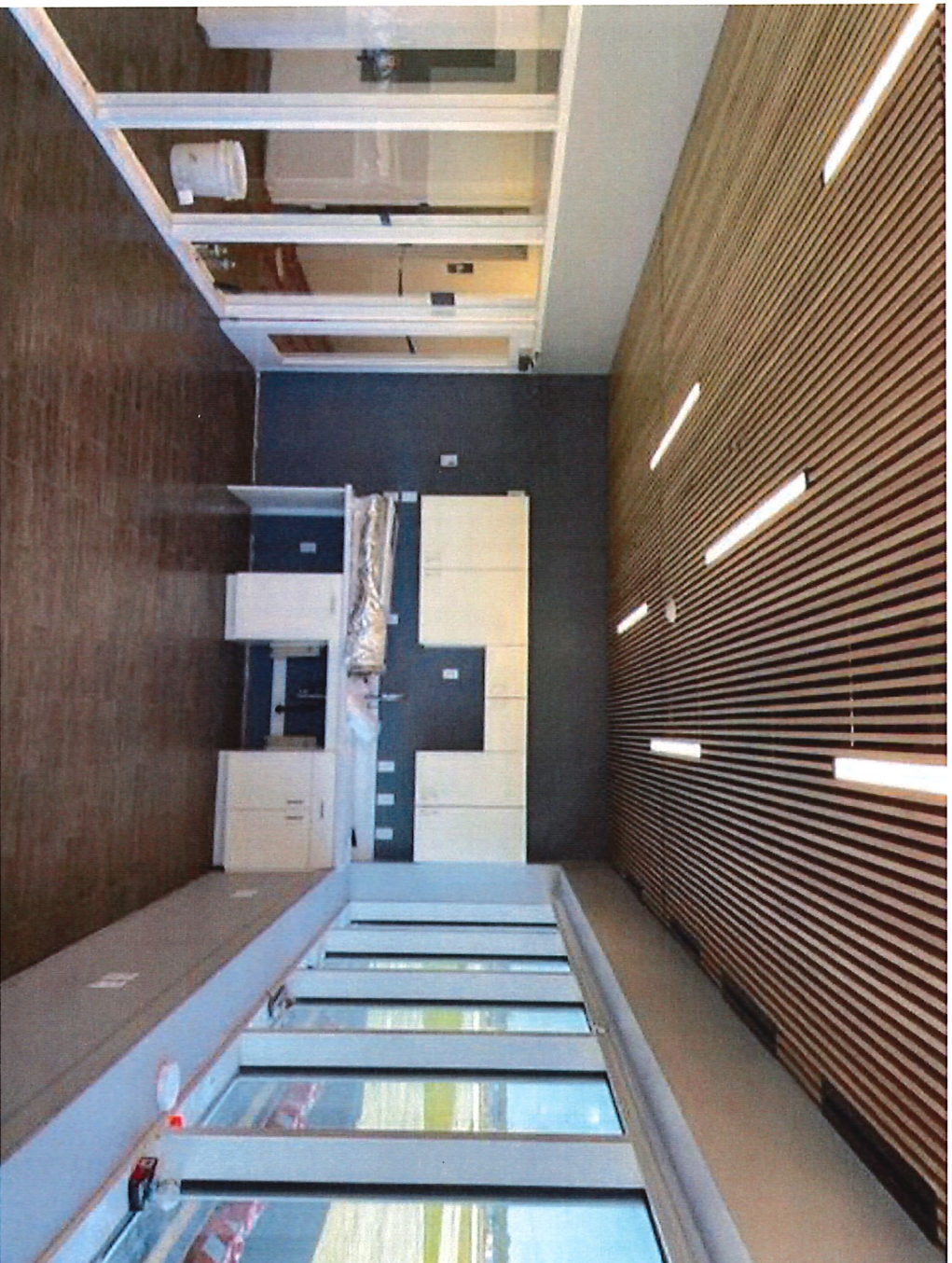


Funding	Amount	Source/Description of Work
Project Revenue	\$4,314,348.00	CARES ACT - CARES ACT-1
	\$2,145,000.00	AIRPORT RESERVES - Approved by Commission
	\$164,993.50	FBO PROJECT - CIP FY2023 APPROPRIATION (funds remaining)
Total Revenue	\$6,624,341.50	
Project Expenses	\$917,102.00	ENGINEERING-Fennick McCredie
	\$5,392,000.00	CONSTRUCTION-TRAC Builders
	\$392.70	ADMINISTRATION - CC Times
	\$2,767.69	ASC-IFE
	\$3,500.00	SAAM Arch - IFE
Summary Project Expenses	\$6,315,762.39	
Change Order 1	\$48,131.98	Power and Data to Temporary Trailers, Reduced Slab Demolition at the ARFF Building, Fire Alarm Changes, Vent Pipes at the T Hangar, and Temporary Asphalt Patch at Storm Drain Trench.
Change Order 2	\$54,249.01	Drain at ARFF Building, Remove and Replace Ceiling at ARFF Stairwell, Relocate Telephone Panel, Vestibule 111 Elec Relocation, Additional Fire Alarm Devices, ASI #11 and #11R1 Changes, Additional Steel Work, Revision to Oil Water Separator Piping, Relocate 200' of Jersey Barriers and Temporary Fencing, and Credit Back for Engineering Changes. The work covered by this order shall be performed under the same terms and conditions as included on the original
Change Order 3	-\$9,905.77	This order covers the contract modification hereunder described: Exterior Wall Modifications, Duct Revisions, Signage Revisions, Oak Veneer and Painting at Tower, Delete Toilet Accessories, Revisions to Pilot's Lounge Diffuser Color, Low Voltage to Motorized Shades, Build Out Wall per PR #14, Air Barrier Adjustments, and Time Extension Requests.
Change Order 4	\$20,000.00	Time and materials to seal the exterior portions of the building.
Change Order 5	\$0.00	No cost change for time.
Change Order 6		This order covers the contract modification hereunder described:Break Metal at Storefront, Move Light Fixture to Storage Room, Power to Nitrogen Generator,Change Tile at ARFF Shower, Delete 10 Fire Extinguisher Cabinets, Return Data, Telephone Services Back to the ARFF Building,Remove Existing Tank and Dispose, Cut Back Ramp at Electrical Vault
Change Order Summary	\$129,334.78	
Total Project Expenses Revised	\$6,445,097.17	
Budget Remaining	\$179,244.33	

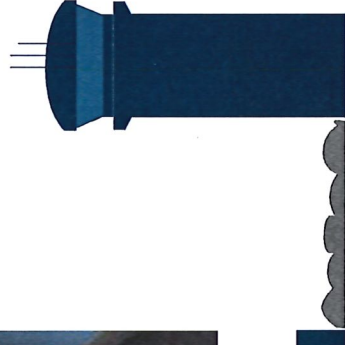
Funding	Amount	Source/Description of Work
Project Revenue	\$5,350,458.00	CARE 3
Total Revenue	\$5,350,458.00	
Project Expenses	\$693,400.00	ENGINEERING-ASG
	\$4,576,800.00	CONSTRUCTION-LLC
	\$426.36	ADMINISTRATION - CC Times
	\$2,500.00	Hoyle Tanner - McFarland Johnson
Summary Project Expenses	\$5,273,126.36	
Change Order 1	\$18,462.51	This order covers the contract modification hereunder described: Add seventeen detectable warning mats
Change Order Summary	\$18,462.51	
Total Project Expenses Revised	\$5,291,588.87	
Budget Remaining	\$58,869.13	

Funding	Amount	Source/Description of Work
Project Revenue	\$13,045,000.00	Appropriation 21088
	\$6,007,000.00	Appropriation 23002
Total Revenue	\$19,052,000.00	
Project Expenses	\$1,747,400.00	ENGINEERING-ASC
	(\$135,700.00)	ASC - Amend #1
	\$16,971,435.00	CONSTRUCTION-LLC
	\$40,953.84	FAA Reimbursable Agreement
	\$20,664.80	FAA Reimbursable Agreement amendment 4/12/23
	\$137,292.00	Force Account -
	\$450.67	ADMINISTRATION - CC Times
	\$3,200.00	Hoyle Tanner - IFE
Summary Project Expenses	\$18,785,696.31	
Change Order 1	\$12,750.15	This order covers the contract modification hereunder described: Replace 5KV Cable with Okoguard Cable
Change Order 2	\$49,262.96	This order covers the contract modification hereunder described: Remove and Replace Existing Runway 24 Supplemental Wind Cone, Partial Rewiring of Runway 24 MALS Threshold Light Bar Station.
Change Order Summary	\$62,013.11	
Total Project Expenses Revised	\$18,847,709.42	
Budget Remaining	\$204,290.58	

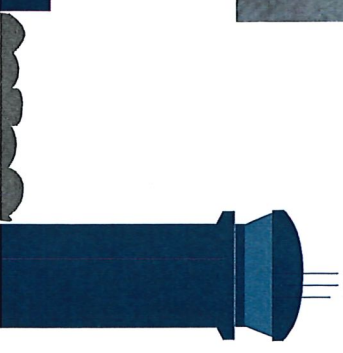
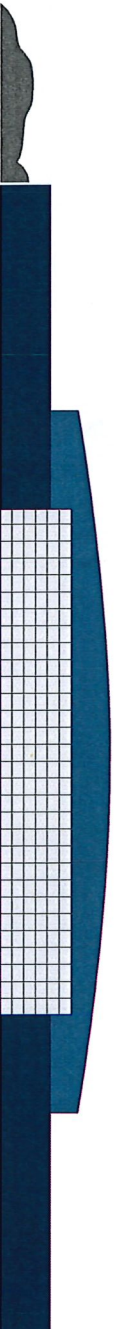
ARRFF/OPS Remodel Project



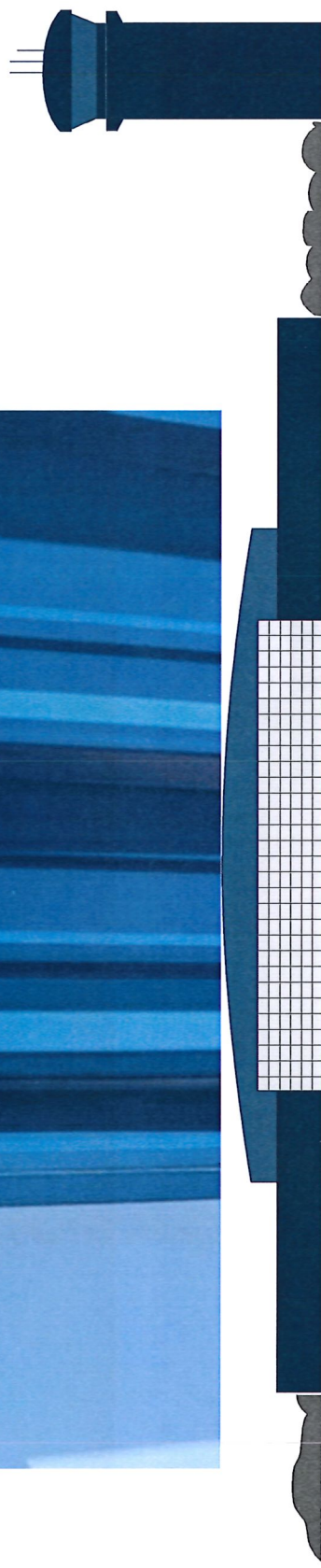
ARFF/OPS Remodel Project



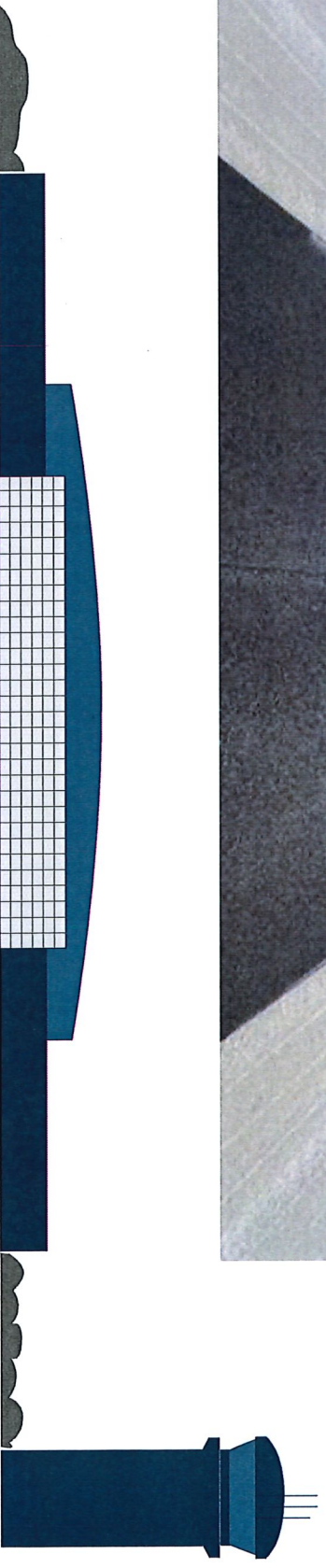
T-Hangar Project



T-Hangar Project



Runway 6-24 Project



EMIAS Project

