

ALBANY COUNTY AIRPORT AUTHORITY
 ALBANY INTERNATIONAL AIRPORT
 ADMINISTRATION BUILDING
 SUITE 200
 ALBANY, NEW YORK 12211-1057

TEL: 518-242-2222
 ADMIN FAX: 518-242-2641
 FINANCE FAX: 518-242-2640
 SITE: www.albanyairport.com

Minutes of the Special Meeting of the Albany County Airport Authority

**ACAA Approved
 02/03/2020**

**January 23, 2020
 Special Meeting**

Pursuant to notice duly given and posted, the Special meeting of the Albany County Airport Authority was called to order on Thursday, January 23, 2020 @ 11:30 a.m. in the 2nd Floor Conference Room of the Administration Building located at the Albany International Airport by Chairman Kenneth J. Doyle with the following present:

MEMBERS PRESENT

Rev. Kenneth J. Doyle
 Tony Gorman
 Lyon M. Greenberg, M.D.
 Steven H. Heider
 Kevin R. Hicks
 Sari O'Connor
 Samuel A. Fresina (Via Telephone)

MEMBERS ABSENT

STAFF

Philip F. Calderone
 Michael F. Zonsius
 Peter Stuto
 Liz Charland
 John LaClair
 Steve Iachetta
 Helen Chadderdon
 Doug Myers
 John LaClair

ATTENDEES

John A. O'Donnell, Airport Consultant
 Fred Acunto, Airport Manager, AvPorts
 John DelBalso, Assistant Airport Manager, AvPorts

- 1. Authorization of Contracts/Leases/Contract Negotiations/Contract Amendments**
 - 1.1 Change Order No. 3: Authorization to award Change Order #3 to Contract # 989-PC New Parking Garage Precast to Unistress Industries.**

Mr. LaClair recommended authorization of Change Order No. 3 for Contract 989-PC for New Parking Garage Precast Concrete of Pittsfield, Mass. in the amount of \$85,340.72 which is the incentive (\$5,000/day x 15days = \$75,000 contract max.) which was included in the base contract for Substantial Completion of the Precast Contract work. The contractor completed the caulking and sealing of the precast garage pieces 16 days ahead of the revised (by Change Order #1) completion date. The remainder of the Change Order is for the casting, delivery and installation of an infill piece on level 3 at the vehicle entrance that was not detailed in the original drawings. As a percentage of construction change orders are less than 3.5% of the bid amount.

Mr. Heider moved to authorize Change Order No. 3 to Contract No. 989-PC – New Parking Garage Precast Concrete in the amount of \$85,340.72 which is the incentive (\$5,000/day x 15days = \$75,000 contract max.). The motion was adopted unanimously.

1.2 Change Order No. 4: Change Order #4: Authorization to award Change Order #4 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC

Mr. LaClair recommended authorization of Change Order No. 4 for Contract 989-GCR for New Parking Garage Site and Foundations, to LeChase Construction Services LLC of Schenectady, N.Y. in the amount of \$163,353.00 for unforeseen conditions encountered by the contractor during construction. The additional work items that include underground conduits for PARCS system, fire alarm changes, additional roof drains, revised fire alarm piping, additional PARCS conduits for vehicle bridge, joint and caulking for vehicle bridge, modifications to exterior framing on Pedestrian bridge, metal panel corrections per shop drawing review, additional asphalt paving at building #112 and a garage elevator hoistway louver. As a percentage of construction change orders are less than 4% of the bid amount we do not anticipate any significant requests for change order at this juncture.

Mr. Gorman moved to authorize of Change Order No. 4 for Contract 989-GCR for New Parking Garage Site and Foundations, to LeChase Construction Services LLC of Schenectady, N.Y. in the amount of \$163,353.00. The motion was adopted unanimously.

2. Mr. Calderone reported on the following informational items:

2.1 Report issuance of Emergency Contract for Cyber Security and Information Technology Services IT Emergency Contract

2.2 Release Request for Proposal for Cyber Security and Information Technology Services

Dr. Greenberg made a motion to go into Executive Session to discuss three matters of Attorney-Client Privilege:

ES-1 – Matter leading to the appointment of a particular corporation.

ES-2 – Matter leading to the appointment of a particular corporation.

ES-3 - Matter leading to the appointment of a particular corporation.

Mr. Heider moved to go out of Executive Session and back into Regular Session. The motion was adopted unanimously.

ES-1 There was no action taken on ES-1

ES-2 NEGOTIATIONS: Change Order (Gateway Sign) to Contract No. 989-PC with Unistress Corp

Mr. LaClair recommended authorization of to negotiate a Change Order for the Gateway with Unistress Corp. He advised Governor Andrew Cuomo commissioned a design team to prepare renderings of the Airport's New Gateway Sign and announced that the Airport would have a new gateway sign that will span Albany Shaker Road. NYSDOT has subsequently requested that the Airport advance the construction of the sign with the understanding that the Airport will be reimbursed for all of the design, inspection and construction costs. The Airport has met with all contractors and is currently negotiating the cost of the work with all involved parties.

We are requesting that the CEO be given authority to issue change orders for the gateway sign to the contractors working on the parking garage. These contractors have the equipment and resources available to complete the work in a timely manner. The change order review process is ongoing and should take approximately 2-3 months to have a final cost breakdown in place.

Ms. O'Connor moved to authorize negotiations for Change Order (Gateway Sign) to Contract No. 989-PC with Unistress Corp. The motion was adopted by majority with Mr. Heider opposing.

ES-3 NEGOTIATIONS: Change Order (Gateway Sign) to Contract No. 989-GCR with LeChase Construction Services, LLC

Mr. LaClair recommended authorization of to negotiate a Change Order for the Gateway Sign with LeChase Construction Services, LLC. He advised Governor Andrew Cuomo commissioned a design team to prepare renderings of the Airport's New Gateway Sign and announced that the Airport would have a new gateway sign that will span Albany Shaker Road. NYSDOT has subsequently requested that the Airport advance the construction of the sign with the understanding that the Airport will be reimbursed for all of the design, inspection and construction costs. The Airport has met with all contractors and is currently negotiating the cost of the work with all involved parties.

We are requesting that the CEO be given authority to issue change orders for the gateway sign to the contractors working on the parking garage. These contractors have the equipment and resources available to complete the work in a timely manner. The change order review process is ongoing and should take approximately 2-3 months to have a final cost breakdown in place.

Ms. O'Connor moved to authorize negotiations for Change Order (Gateway Sign) to Contract No. 989-GCR with LeChase Construction Services, LLC. The motion was adopted by majority with Mr. Heider opposing.

There being no further business, the meeting was adjourned at 12:30 p.m.



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ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING

AGENDA

January 23, 2020

Action Item:

3. Authorization of Contracts/Leases/Contract Negotiations/Contract Amendments

- 1.1 Change Order #3: Authorization to award Change Order #3 to Contract # 989-PC New Parking Garage Precast to Unistress Industries.**
- 1.2 Change Order #4: Authorization to award Change Order #4 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC.**

4. Information Items

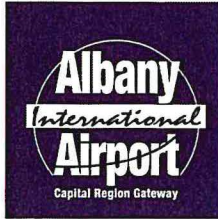
- 2.1 Report issuance of Emergency Contract for Cyber Security and Information Technology Services IT Emergency Contract**
- 2.2 Release Request for Proposal for Cyber Security and Information Technology Services**

5. Executive Session

Attorney-Client Privilege Matters:

- ES-1 - Matter leading to the appointment of a particular corporation.**
- ES-2 - Matter leading to the appointment of a particular corporation. Change Order (Gateway Sign) to Contract No. 989-PC with Unistress Corp. Returned to regular session and approved by majority.**
- ES-3 - Matter leading to the appointment of a particular corporation. Change Order (Gateway Sign) to Contract No. 989-GCR with LeChase Returned to regular session and approved by majority.**

NOTICE



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*Posted to
Facebook.
Lobby
1/21/20
LMA*

ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING

NOTICE

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TIMES UNION

timesunion.com

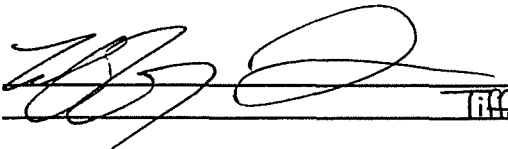
Albany Times Union
News Plaza
Box 15000
Albany, New York 12212

ALBANY COUNTY AIRPORT AUTHORITY
ADMINISTRATION BUILDING, SUITE 200
ALBANY, NY 12211

Account Number: 600054430
Order Number: 0004095342
Order Invoice Text: Special Meeting Notice

T Tomes / R Bernard / T Duquette / P Sheehan / A Rubel of the city of Albany, being duly sworn, says that he/she is principal Clerk of THE TIMES UNION, a daily newspaper printed in the county of Albany, Town of Colonie, and Published in the County of Albany, Town of Colonie and the city of Albany, aforesaid and that notice of which a printed copy is annexed has been regularly published in the said ALBANY TIMES UNION on the following dates

01-24-2020


1/27/2020
Tiffany Duquette

Sworn to before me, this 27 day of Jan 2020.



Notary Public
Albany County

SUSAN QUINE
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01QU6396414
Qualified in Rensselaer County
Commission Expires August 19, 2023

ALBANY COUNTY AIRPORT AUTHORITY

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TU11 4095342

Liz Charland

From: Liz Charland
Sent: Tuesday, January 21, 2020 12:31 PM
To: TU Legals
Subject: Please publish one time ASAP

Importance: High

ALBANY COUNTY AIRPORT AUTHORITY

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Liz Charland

From: Liz Charland
Sent: Tuesday, January 21, 2020 12:29 PM
To: Bart Johnson; Bob Heitz; Brandon Russell, Majority Counsel; County Executive Daniel P. McCoy; Dave Collins; Douglas A. Bullock, Albany County Mass Transit Committee Chair; Eric Anderson; Fire Chief Dave Cook; Frank Mauriello, Albany County Minority Leader; Fred Acunto; George Penn (Albany County); Jill Bryce; John DelBalso; Kelly Boyea (Albany County); Majority Leader Dennis Feeney; Mike DeMasi (Business Review); Mike DeSocio; Pam Allen; Pete Rea (prea@dot.state.ny.us); Spotlight News; WRGB News
Subject: Special Meeting - Thursday January 23, 2020 at 11:30 a.m.

ALBANY COUNTY AIRPORT AUTHORITY

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Liz Charland

From: Liz Charland
Sent: Tuesday, January 21, 2020 12:28 PM
To: Kenneth Doyle; Kevin R. Hicks, Sr. - IPAD; Kevin R. Hicks, Sr. (Personal); Lyon Greenberg, MD; Lyon Greenberg, MD - IPAD; Rev. Kenneth Doyle (Personal); Samuel A. Fresina; Samuel A. Fresina - IPAD; Sari O'Connor; Steve Heider; Steven H. Heider; Tony Gorman; Tony Gorman - IPAD
Subject: Special Board Meeting - this Thursday January 23, 2020 at 11:30 a.m.
Importance: High

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ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING

AGENDA

January 23, 2020

Action Item:

1. **Authorization of Contracts/Leases/Contract Negotiations/Contract Amendments**
 - 1.1 **Change Order #3: Authorization to award Change Order #3 to Contract # 989-PC New Parking Garage Precast to Unistress Industries.**
 - 1.2 **Change Order #4: Authorization to award Change Order #4 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC.**
2. **Information Items**
 - 2.1 **Report issuance of Emergency Contract for Cyber Security and Information Technology Services IT Emergency Contract**
 - 2.2 **Release Request for Proposal for Cyber Security and Information Technology Services**
3. **Executive Session**

Attorney-Client Privilege Matters:

- ES-1 - **Matter leading to the appointment of a particular corporation.**
- ES-2 - **Matter leading to the appointment of a particular corporation.**
Change Order (Gateway Sign) to Contract No. 989-PC with Unistress Corp.
Returned to regular session and approved by majority.
- ES-3 - **Matter leading to the appointment of a particular corporation.**
Change Order (Gateway Sign) to Contract No. 989-GCR with LeChase
Returned to regular session and approved by majority.

AGENDA ITEM NO. 1.1

**Change Order #3: Authorization to award
Change Order #3 to Contract # 989-PC
New Parking Garage Precast to
Unistress Industries.**

AGENDA ITEM NO: 1.1
MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY
REQUEST FOR AUTHORIZATION

ACAA Approved
01/23/2020

DEPARTMENT:

Contact Person: *John LaClair, P.E. Airport Engineer*

PURPOSE OF REQUEST:

Change Order #3: *Authorization to award Change Order #3 to Contract # 989-PC
New Parking Garage Precast to Unistress Industries.*

CONTRACT AMOUNT:

| | |
|------------------|-------------------|
| Base Amount: | \$10,400,000.00 |
| Change Order #1: | 60,984.22 |
| Change Order #2: | 200,000.00 |
| Change Order #3: | <u>85,340.72*</u> |
| Total: | \$10,746,324.94 |

**To be approved at this meeting.*

BUDGET INFORMATION:

Federal Airport Improvement Program
Anticipated in Current ALB Capital Plan : Yes ✓ No ___ NA
Funding Account No.: CPN 2263

FISCAL IMPACT – FUNDING

Federal 2.1% State 36.8% Airport 61.1% NA _____
Term of Funding: 2018-2020
Grant No.: N/A State PIN: 1A00.97

JUSTIFICATION:

Request for authorization of Change Order #3 for Contract 989-PC for New Parking Garage Precast Concrete of Pittsfield, Mass. in the amount of \$85,340.72 which is the incentive (\$5,000/day x 15days = \$75,000 contract max.) which was included in the base contract for Substantial Completion of the Precast Contract work. The contractor completed the caulking and sealing of the precast garage pieces 16 days ahead of the revised (by Change Order #1) completion date. The remainder of the Change Order is for the casting, delivery and installation of an infill piece on level 3 at the vehicle entrance that was not detailed in the original drawings. As a percentage of construction change orders are less than 3.5% of the bid amount.

AGENDA ITEM NO: 1.1
MEETING DATE: January 23, 2020

CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:

Recommend approval.

FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL: YES NA

PROCUREMENT DEPARTMENT APPROVAL:

Procurement complies with Authority Procurement Guidelines and Chief Financial Officer has approved. YES NO .

BACK-UP MATERIAL:

Please refer to attached Change Order backup information compiled by Turner Construction.

UNISTRESS CORP.

550 Cheshire Road
Post Office Box 1145
Pittsfield, MA 01202
413-499-1441
FAX 413-499-1254

October 23, 2019

Mr. Robert Wagner
Turner Construction Co.
Albany International Airport
Albany, NY

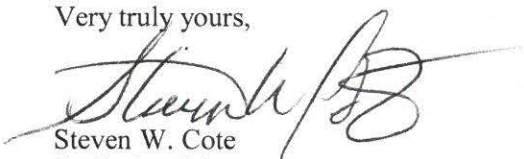
Re: Albany International Airport PG
Albany, NY
Unistress Job No. 51651

Subject: Change Order Request No. 10 – Added Infill Panel at South Elevation

Dear Robert:

Unistress requests a change order in the amount of \$10,340.72. This is for the fabrication, delivery and installation of the added infill panel located at the south elevation and per RFI-208. Attached is our worksheet summarizing costs. Per your e-mail of 10/22/19 accepting the costs we are proceeding with this work. I will confirm the actual install date once we have this scheduled in production.

Very truly yours,



Steven W. Cote
Sr. Project Manager

Attachments

Cc: John LeClair

unistress
50 years of growth and innovation.

PO Box 1145
550 Cheshire Rd.
Pittsfield, MA 01202
Direct: 413.629.2054
Mobile: 413-822-2503
www.unistresscorp.com

Follow us:



Job Number: 51651 Job Name: Albany Airport Date: 10/23/2019

Unistress Worksheet

Scope of work:

COR-10: Added infill panel at south elevation

Sub-Contractor Performed Work

| Phase Code | Quantity | U/M | Description | Unit \$ | Extension |
|------------|----------|-----|-------------|------------|-------------|
| 990-5010 | 1 | ls | Erection | \$3,553.00 | \$ 3,553.00 |
| 990-5060 | 1 | ls | Field Work | \$1,400.00 | \$ 1,400.00 |
| | | | | | \$ - |
| | | | | | \$ - |

Sub-Total Sub-Contracted Work: \$ 4,953.00
 Mark-up on Sub-Contracted work: \$ 495.30
Total Sub-Contracted Work: \$ 5,448.30

10%

Unistress Performed Work

Material

| Phase Code | Quantity | U/M | Description | Unit \$ | Extension |
|------------|----------|-----|----------------------------|------------|-------------|
| 3560 | 1 | ls | Production of Infill Panel | \$3,000.00 | \$ 3,000.00 |
| | | | | | \$ - |
| | | | | | \$ - |
| | | | | | \$ - |

Sub-Total Unistress Material: \$ 3,000.00

Equipment

| Phase Code | Quantity | U/M | Description | Unit \$ | Extension |
|------------|----------|-----|-------------|---------|-----------|
| | | | | | \$ - |
| | | | | | \$ - |
| | | | | | \$ - |
| | | | | | \$ - |

Sub-Total Unistress Equipment: \$ -

Unistress Labor

| Phase Code | Quantity | U/M | Description | Unit \$ | Extension |
|------------|----------|-----|-------------|------------|-------------|
| 980-4010 | 1 | ls | Delivery | \$1,000.00 | \$ 1,000.00 |
| | | | | | \$ - |
| | | | | | \$ - |
| | | | | | \$ - |

Sub Total Unistress Labor: \$ 1,000.00

Sub-Total Unistress Performed Work: \$ 4,000.00
 Mark-Up on Unistress Performed Work: \$ 400.00
Total Unistress Performed Work: \$ 4,400.00

10%

Total Sub-Contracted Work: \$ 5,448.30
Total Unistress Performed Work: \$ 4,400.00
Profit: \$ 492.42
Total Sales Tax (if applicable): \$ -
Sub-Total for Scope Specified: \$ 10,340.72

5%

Total for Scope Specified: \$ 10,340.72

AGENDA ITEM NO. 1.2

**Change Order #4: Authorization to award
Change Order #4 to Contract # 989-GCr New
Parking Garage General Construction to
LeChase Construction Services, LLC.**

AGENDA ITEM NO: 1.2

MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY

REQUEST FOR AUTHORIZATION

ACAA APPROVED

01/23/2020

DEPARTMENT:

Contact Person: *John LaClair, P.E. Airport Engineer*

PURPOSE OF REQUEST:

Change Order #4: *Authorization to award Change Order #4 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC.*

CONTRACT AMOUNT:

| | |
|------------------|-----------------------|
| Base Amount: | \$15,700,000.00 |
| Change Order #1: | \$ 60,694.95 |
| Change Order #2: | \$ 56,318.00 |
| Change Order #3: | \$ 338,604.00 |
| Change Order #4: | \$ <u>163,353.00*</u> |
| Total: | \$16,318,969.95 |

**Pending approval at this meeting.*

BUDGET INFORMATION:

Federal Airport Improvement Program

Anticipated in Current ALB Capital Plan : Yes ✓ No ___ NA

Funding Account No.: CPN 2263

FISCAL IMPACT – FUNDING

Federal 2.1% State 36.8% Airport 61.1% NA _____

Term of Funding: 2018-2020

Grant No.: N/A State PIN: 1A00.97

JUSTIFICATION:

Request for authorization of Change Order #4 for Contract 989-GCr for New Parking Garage Site and Foundations, to LeChase Construction Services LLC of Schenectady, N.Y. in the amount of \$163,353.00 for unforeseen conditions encountered by the contractor during construction. The additional work items that include underground conduits for PARCS system, fire alarm changes, additional roof drains, revised fire alarm piping, additional PARCS conduits for vehicle bridge, joint and caulking for vehicle bridge, modifications to exterior framing on Pedestrian bridge, metal panel corrections per shop drawing review, additional asphalt paving at building #112 and a garage elevator hoistway louver. As a percentage of construction change orders are less than 4% of the bid amount we do not anticipate any significant requests for change order at this juncture.

AGENDA ITEM NO: 1.2
MEETING DATE: January 23, 2020

CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:

Recommend approval.

FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL: YES J NA _____

PROCUREMENT DEPARTMENT APPROVAL:

Procurement complies with Authority Procurement Guidelines and Chief Financial Officer has approved. YES J NO _____.

BACK-UP MATERIAL:

Please refer to attached Change Order backup information complied by Creighton Manning Engineering and Turner Construction.

989-GC CHANGE ORDER #005

\$163,353.00

- **Draft AIA to LeChase**
- **Draft AIA Tara Collins**
- **AIA Executed by LeChase**
- **AIA Executed by Turner Construction**
- **AIA Executed by CHA**
- **AIA Executed by ACAA**
- **Backup Provided for COR-021, 022, 044, 046, 047, 059, 061, 063, 064, 065**

DRAFT AIA® Document G701/CMA™ - 1992

Change Order - Construction Manager-Adviser Edition

| | | |
|---|--|--|
| PROJECT (Name and address): Albany County Airport Authority Parking Garage: General Construction 737 Albany Shaker Road Albany, New York 12211 | CHANGE ORDER NUMBER: 005 INITIATION DATE: 01/05/20 | OWNER: <input type="checkbox"/> CONSTRUCTION MANAGER: <input type="checkbox"/> ARCHITECT: <input type="checkbox"/> CONTRACTOR: <input type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/> |
| TO CONTRACTOR (Name and address): LeChase Construction 1473 Erie Boulevard Schenectady, New York 12305 | PROJECT NUMBERS: / 989-GCr CONTRACT DATE: 05/02/19 CONTRACT FOR: General Construction | |

THE CONTRACT IS CHANGED AS FOLLOWS:

- 01. COR-021: 989-GC-IB-016 Underground Conduits PARCS, Data + Depressurization Well [Add \$42,659.00]
- 02. COR-022: RFI-179 Fire Alarm Changes [Add \$54,344.00]
- 03. COR-044: RFI-088 Additional Roof Drain and Pipe on C7 [Add \$4,700.00]
- 04. COR-046: RFI-195 Revised Detail for Fire Alarm Piping [Add \$7,816.00]
- 05. COR-047: RFI-233 Additional PARCS conduit for L3 Vehicular Bridge [Add \$11,584.00]
- 06. COR-059: RFI-230 Caulk Joint at Vehicular Bridge [Add \$8,216.00]
- 07. COR-061: RFI 240 Modifications to Exterior Framin At Ped Bridge West Elevation [Add \$7,796.00]
- 08. COR-063: RFI-063 Metal Panels Issues from Approved Shop Drawings [Add \$7,254.00]
- 09. COR-064: Additional Paving at Building 112[Add \$10,206.00]
- 10. COR-065: 989-GC-IB-033r Garage Elevator Hoistway Louver [Add \$8,778.00]

| | |
|--|------------------|
| The original Contract Sum was | \$ 15,700,000.00 |
| Net change by previously authorized Change Orders | \$ 455,616.95 |
| The Contract Sum prior to this Change Order was | \$ 16,155,616.95 |
| The Contract Sum will be increased by this Change Order in the amount of | \$ 163,353.00 |
| The new Contract Sum including this Change Order will be | \$ 16,299,985.95 |

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is March 27,2020.

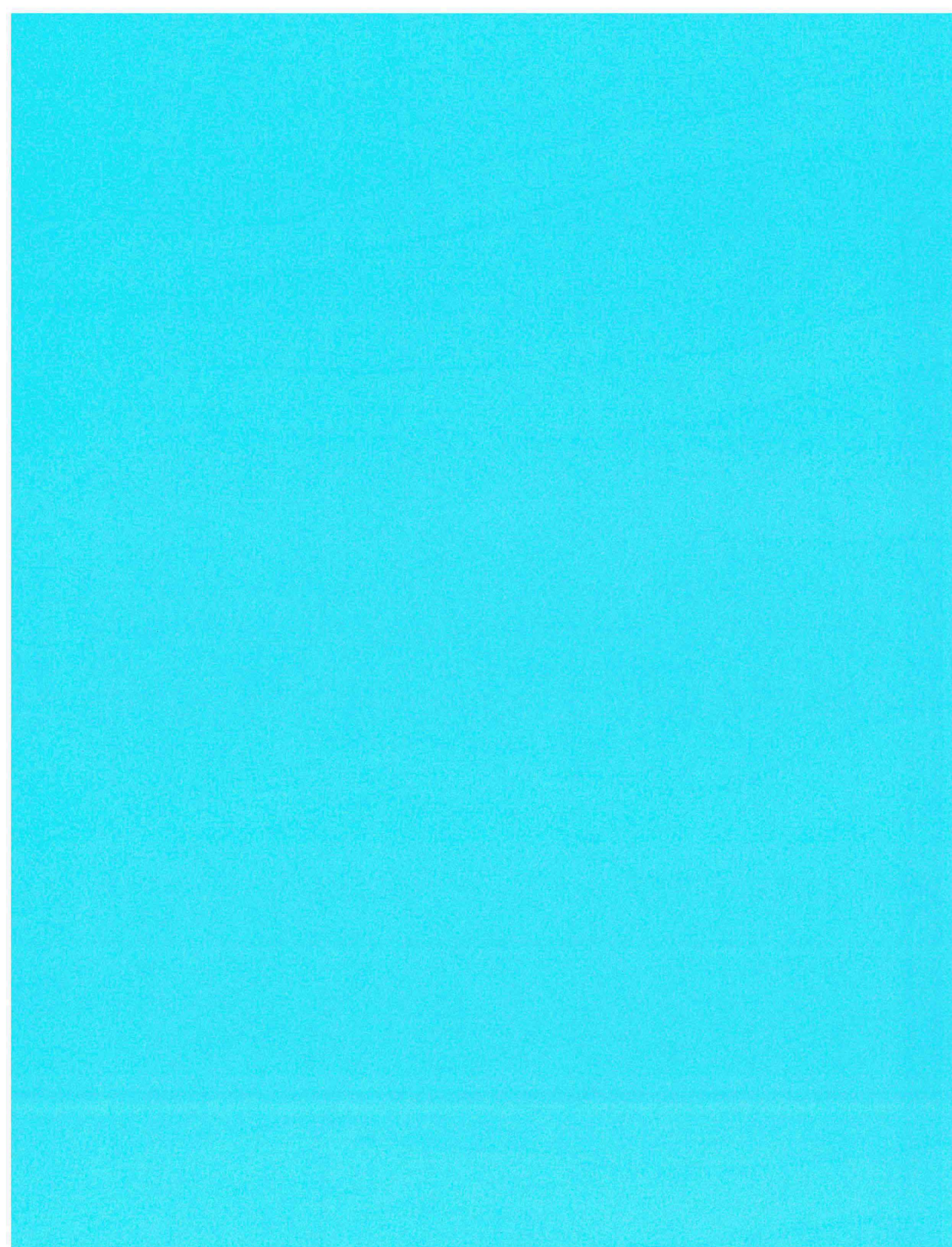
NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE OWNER, CONSTRUCTION MANAGER, ARCHITECT AND CONTRACTOR.

| | |
|--|---|
| Turner Construction Company CONSTRUCTION MANAGER (Firm name) 1 Computer Drive South Albany, New York 12205 ADDRESS | CHA ARCHITECT (Firm name) III Winners Circle Albany, New York 12205 ADDRESS |
|--|---|

| | |
|---|---|
| BY (Signature) Robert Wagner <i>(Typed name)</i> | BY (Signature) Rich LaRose, AIA <i>(Typed name)</i> |
| DATE: | DATE: |
| LeChase Construction CONTRACTOR (Firm name) 1473 Erie Boulevard Schenectady, New York 12305 ADDRESS | Albany County Airport Authority OWNER (Firm name) 737 Albany Shaker Road Albany, New York 12211 ADDRESS |
| BY (Signature) Neil Schiavi <i>(Typed name)</i> | BY (Signature) Phil Calderon <i>(Typed name)</i> |
| DATE: | DATE: |

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Change Order Request

LeChase Construction Services, LLC
 220 Harborside Drive, Suite 301
 Schenectady, NY 12305
 Phone: 518-388-9200

Date: 10/3/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 21 - PCO 030 - Bulletin 16

Description of Change: PCO 030 - Bulletin 16-Changes-Provide additional underground conduits as indicated on attached Electrical Drawing E-002.

| Description | Scope of Work | Cost |
|--------------------------|---------------|------------------|
| Electrical | | 32,858.00 |
| Earthwork | | 7,119.00 |
| Subtotal of Costs | | 39,977.00 |

Change Order Add Ons

| | |
|--------------|----------|
| Fee | 1,999.00 |
| GL Insurance | 427.00 |
| P&P Bond | 256.00 |

Total For Change Order Request 42,659.00

NO TIME EXTENSION REQUIRED

- PROVIDE DETAIL BACK UP FROM ELECTRICAL SOB
- DELETE MOUNT R2C - SHOWN ON PREC DRAWINGS (VERIFY FIELD LOCATIONS)
- CONDUIT FOR RAMP SECTION NOT CORR DRILLED
- TRENCHES ALREADY OPEN - WITH ADDITIONAL TIME/COSTS
- WHERE IS 1/2" CONDUIT TO EAST CONDUIT - NOT ON COR COVER SHEET

Albany County Airport Authority LeChase Construction Services, LLC Other: If Applicable

Print: _____ Print: FAULKNER Print: _____

Signed: _____ Signed: _____ Signed: _____

Date: _____ Date: _____ Date: _____



Rec'd TCCo 09.17.19

INFORMATION BULLETIN No. 16

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB16-E-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 9-17-19

Description:

PARCs Underground Conduits

Information:

Provide additional underground conduits as indicated on attached Electrical Drawing E-002.

IB Status:

CLARIFICATION - This serves as a clarification to the Contract Documents. Contractor to proceed with this work. No Cost and/or Schedule Impact.

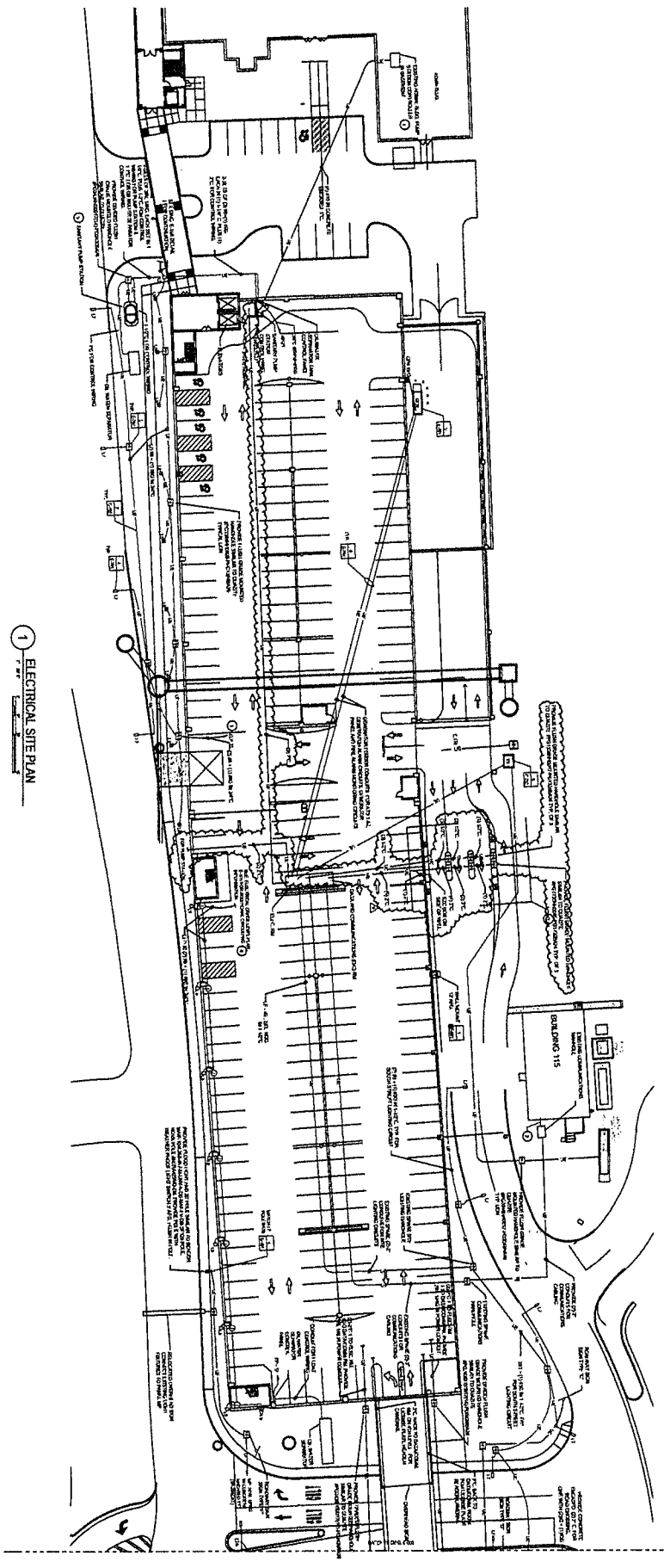
FOR PRICING - Contractor to proceed with this work only after receiving written direction to proceed.

NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

Comments:

Generated By: Mark Anderson, CHA

R031103-03.17.19



1 ELECTRICAL SITE PLAN

- 1. THIS PLAN IS THE PROPERTY OF GHA AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED THEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GHA.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL FIELD CONDITIONS AND SURVEY DATA PRIOR TO CONSTRUCTION.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC AREAS AT ALL TIMES.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LABORER'S COMPENSATION CERTIFICATES.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ENVIRONMENTAL PERMITS AND APPROVALS.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY HISTORIC PRESERVATION PERMITS AND APPROVALS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TRAFFIC CONTROL PERMITS AND APPROVALS.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PUBLIC WORKS PERMITS AND APPROVALS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES PERMITS AND APPROVALS.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS AND APPROVALS.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PLANNING PERMITS AND APPROVALS.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LEGAL PERMITS AND APPROVALS.



| NO. | DESCRIPTION | DATE |
|-----|-------------------------|----------|
| 1 | ISSUED FOR PERMITTING | 11/15/18 |
| 2 | ISSUED FOR CONSTRUCTION | 01/15/19 |
| 3 | ISSUED FOR AS-BUILT | 03/15/19 |


ALBANY INTERNATIONAL AIRPORT
CONSTRUCTION

11/15/18

ELECTRICAL SITE P

E-002

CHANGE ORDER REQUEST

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|--------------------|---|-------------|-------------------------|--|--------------|-------------------------|--------------------------|-------------|--------------|-------------|------------------------|-------------------------|--------------|---|--|-----------------|-----------------|--|
|  | Contractor: <u>Nfrastructure</u> Contractor COR #: _____ Bid Package #: <u>989-GC Bulletin 03 [IB3-PEC] 05/22/19</u> | Albany Airport Parking Garage 989-GCR Date: <u>09/23/19</u> PCO #: <u>PCO-006</u> Building/Area: <u>Parking Garage</u> | | | | | | | | | | | | | | | | | | | | |
| Change Order Reference Document: RFI #: _____ Bulletin #: <u>16</u> Other: _____ | | | | | | | | | | | | | | | | | | | | | | |
| Description of Change: INSTALL 368FT * 2 – 2" SCH80 PVC (PUMP STATION) - UNDERGROUND INSTALL 100FT * 3 – 1" SCH80 PVC (PARKS 1) - UNDERGROUND INSTALL 80FT * 5 – 2" SCH80 PVC (PARKS 2) - UNDERGROUND INSTALL 3 - 13X24 HAND HOLE INSTALL 3 – 17X30 HAND HOLE INSTALL 7 – 2" SLEEVES FOR PARKS MOUNT EZC BOX ON WALL CORE DRILL 2 – 2" (PUMP STATION) ALL OTHER SCOPE EXCEPT LISTED ABOVE IS EXCLUDED. | | | | | | | | | | | | | | | | | | | | | | |
| Justification | | | | | | | | | | | | | | | | | | | | | | |
| Change Order Attachment List: <table style="width:100%; border: none;"> <tr> <td style="width:80%;">1. COR cover page</td> <td style="width:20%; text-align: right;">4</td> </tr> <tr> <td>2. COR Reference Doc</td> <td style="text-align: right;">5</td> </tr> <tr> <td>3. Subcontractor backup</td> <td style="text-align: right;">6</td> </tr> </table> | | | 1. COR cover page | 4 | 2. COR Reference Doc | 5 | 3. Subcontractor backup | 6 | | | | | | | | | | | | | | |
| 1. COR cover page | 4 | | | | | | | | | | | | | | | | | | | | | |
| 2. COR Reference Doc | 5 | | | | | | | | | | | | | | | | | | | | | |
| 3. Subcontractor backup | 6 | | | | | | | | | | | | | | | | | | | | | |
| Commercial Verification of Price: <table style="width:100%; border: none;"> <tr> <td style="width:80%;">1. Verification of unit rates consistent with contract</td> <td style="width:20%; text-align: right;">4</td> </tr> <tr> <td>2. Verification of quantities and locations</td> <td style="text-align: right;">5</td> </tr> <tr> <td>3</td> <td style="text-align: right;">6</td> </tr> </table> | | | 1. Verification of unit rates consistent with contract | 4 | 2. Verification of quantities and locations | 5 | 3 | 6 | | | | | | | | | | | | | | |
| 1. Verification of unit rates consistent with contract | 4 | | | | | | | | | | | | | | | | | | | | | |
| 2. Verification of quantities and locations | 5 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 6 | | | | | | | | | | | | | | | | | | | | | |
| Schedule Impact: <table style="width:100%; border: none;"> <tr> <td style="width:20%;"><input type="checkbox"/> A - Zero / Noncritical Impact to Schedule</td> <td style="width:10%;"></td> <td style="width:10%; text-align: center;">Days to Complete Added Scope:</td> <td style="width:10%; text-align: center;"><u>10</u></td> <td style="width:50%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime</td> <td></td> <td style="text-align: center;">Current Contract</td> <td style="text-align: center;">Adjusted Contract</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Completion Date</td> <td style="text-align: center;">Completion Date:</td> <td></td> </tr> <tr> <td><input type="checkbox"/> C - Impact Critical, Not Recoverable</td> <td></td> <td style="text-align: center;"><u>03/12/20</u></td> <td style="text-align: center;"><u>03/12/20</u></td> <td></td> </tr> </table> <p style="font-size: small;">For both B and C: Attached detailed description of Impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.</p> | | | <input type="checkbox"/> A - Zero / Noncritical Impact to Schedule | | Days to Complete Added Scope: | <u>10</u> | | <input checked="" type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime | | Current Contract | Adjusted Contract | | | | Completion Date | Completion Date: | | <input type="checkbox"/> C - Impact Critical, Not Recoverable | | <u>03/12/20</u> | <u>03/12/20</u> | |
| <input type="checkbox"/> A - Zero / Noncritical Impact to Schedule | | Days to Complete Added Scope: | <u>10</u> | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime | | Current Contract | Adjusted Contract | | | | | | | | | | | | | | | | | | | |
| | | Completion Date | Completion Date: | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable | | <u>03/12/20</u> | <u>03/12/20</u> | | | | | | | | | | | | | | | | | | | |
| Signatory Approval <table style="width:100%; border: none;"> <tr> <td style="width:10%;">Subcontractor:</td> <td style="width:20%;">Name: _____</td> <td style="width:20%;">Title: _____</td> <td style="width:20%;">Date: _____</td> </tr> <tr> <td>LeChase:</td> <td>Name: _____</td> <td>Title: _____</td> <td>Date: _____</td> </tr> <tr> <td>Owner:</td> <td>Name: _____</td> <td>Title: _____</td> <td>Date: _____</td> </tr> <tr> <td></td> <td>Name: _____</td> <td>Title: _____</td> <td>Date: _____</td> </tr> </table> | | | Subcontractor: | Name: _____ | Title: _____ | Date: _____ | LeChase: | Name: _____ | Title: _____ | Date: _____ | Owner: | Name: _____ | Title: _____ | Date: _____ | | Name: _____ | Title: _____ | Date: _____ | | | | |
| Subcontractor: | Name: _____ | Title: _____ | Date: _____ | | | | | | | | | | | | | | | | | | | |
| LeChase: | Name: _____ | Title: _____ | Date: _____ | | | | | | | | | | | | | | | | | | | |
| Owner: | Name: _____ | Title: _____ | Date: _____ | | | | | | | | | | | | | | | | | | | |
| | Name: _____ | Title: _____ | Date: _____ | | | | | | | | | | | | | | | | | | | |
| Request Termination: <table style="width:100%; border: none;"> <tr> <td style="width:10%;"><input type="checkbox"/> Voided</td> <td style="width:90%;">Explanation: _____</td> </tr> <tr> <td><input type="checkbox"/> Denied</td> <td></td> </tr> </table> | | | <input type="checkbox"/> Voided | Explanation: _____ | <input type="checkbox"/> Denied | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Voided | Explanation: _____ | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Denied | | | | | | | | | | | | | | | | | | | | | | |

CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET

Project Name: ACAA - 989-GCR
 Building / Area: Ground floor garage

PCO #:
 COR #:

Subcontractor/Vendor: Wm. J Keller & Sons Construction Corp.
 BP #: 989-GCR Figure 727 LF / 350 LF/DAY = 2 days
 Change Order Source: Bulletin 16

| Item No. | WBS/CSI Cost Code | Description | Materials & Equipment | | | | Subcontract | | | | Fully Burdened Labor Rate | | | | Duration | | | | |
|----------|------------------------------------|--|-----------------------|------|-----------|-------------------|---------------|------|-----------|---------------|---------------------------|------------------|-------------------|---------------|---------------|----------------|-----------------|---------------|-------------------|
| | | | Qty | Unit | Unit Cost | Subtotal | Qty | Unit | Unit Cost | Subtotal | Straight Hours | Time + 1/2 Hours | Double Time Hours | Straight Time | EO Time & 1/2 | EO Double Time | Total | Start | Finish |
| | Bulletin 16 underground electrical | Foreman | | | | | | | | 16 | 2 | 0 | \$ 82.09 | \$ 108.92 | \$ 135.73 | \$ | 1,531.28 | | |
| | | Operator | | | | | | | | 16 | 2 | 0 | \$ 79.75 | \$ 105.42 | \$ 131.10 | \$ | 1,486.84 | | |
| | | Laborer | | | | | | | | 16 | 2 | 0 | \$ 61.41 | \$ 79.64 | \$ 97.89 | \$ | 1,141.84 | | |
| | | Laborer | | | | | | | | 16 | 2 | 0 | \$ 61.41 | \$ 79.64 | \$ 97.89 | \$ | 1,141.84 | | |
| | | Caso Mini Ex | 18 | HR | \$ 45.00 | \$ | 810.00 | | | | | | | | | | | | |
| | | Plate Tamper | 18 | HR | \$ 20.00 | \$ | 360.00 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | \$0.00 | | |
| | | Net Subtotals: | | | | \$1,170.00 | | | | \$0.00 | | 64 | | 8 | | \$0.00 | 373.62 | 462.61 | \$5,301.80 |
| | | Total SGA & OH+P | | | | \$117.00 | 10.00% | | | \$0.00 | 10.00% | | | | | | \$530.18 | 10.00% | |
| | | Tax (if applicable) | | | | \$0.00 | | | | \$0.00 | | | | | | | \$0.00 | | |
| | | Total | | | | \$1,287.00 | | | | \$0.00 | | | | | | | | | |
| | | Total Labor: | | | | | | | | | | | | | | | | | \$5,831.98 |
| | | Total Materials, Subcontract & Labor, & OH+P: | | | | | | | | | | | | | | | | | \$7,118.98 |

COR Response Cover Sheet



| | |
|---|---|
| GENERAL CONTRACTOR: LeChase Construction Services, LLC 220 Harborside Dr. Suite 301 Schenectady, NY 12305 | Construction Manager: Turner Construction Company 1 Computer Drive South Albany, NY 12201 |
|---|---|

| |
|---|
| Albany Airport Parking Garage [989 GC] Project # 1934006 Change Order Number: COR 21 Revision Number: 1 Construction Manager Response to Change Order: <input type="checkbox"/> LeChase Construction Response to CM Comments: <input type="checkbox"/> |
|---|

Infrastructure


1. Provide all backup, lump sum not acceptable.
See attached backup.
2. Delete mounting of EZC box, this will be mounted in Parcs contracted package.
Mounting of EZC removed from Proposal.
3. Conduit for pump station not core drilled.
Core drill conduit removed from proposal.
4. Where is 1/2" conduit to east canopy, this is not called out on COR cover sheet.
*1/2" Conduit going out to PARCS was changed to 1" by ATI prior to this drawing being released.
All conduits under slab was already 1" so it was continued out to the hand holes as this size.*

Keller-

1. Trenches already open- why additional time/costs.
The trenches were not already open. We spent 2-3 days the week of 11/4/19 finalizing the Parcs system to these islands. There was additional time coordinating scope that was poorly detailed in the bid documents. There was additional time setting handholes, than adjusting the hand holes 2 different times, because CHA provided us with a preliminary bulletin drawing and then the Parcs team provided us with what would be the final layout drawing in the field.

Conduit From East Canopy Cables To Data/Electrical Room Shown On Amazon Documents Issued At Bid

CHANGE ORDER REQUEST

| | | | |
|---|--------------------------------------|--|-----------------------|
|  | Contractor: Nfrastructure | Albany Airport Parking Garage 989-GCR | Date: 09/23/19 |
| Contractor COR #: | PCO #: PCO-006 | | |
| Bid Package #: 989-GC Bulletin 03 [IB3-PEC] 05/22/19 | Building/Area: Parking Garage | | |

Change Order Reference Document:
 RFI #: _____ Bulletin #: 16 Other: _____

Description of Change:
 INSTALL 368FT * 2 - 2" SCH80 PVC (PUMP STATION) - UNDERGROUND
 INSTALL 100FT * 3 - 1" SCH80 PVC (PARKS 1) - UNDERGROUND
 INSTALL 80FT * 5 - 2" SCH80 PVC (PARKS 2) - UNDERGROUND
 INSTALL 3 - 13X24 HAND HOLE
 INSTALL 3 - 17X30 HAND HOLE
 INSTALL 7 - 2" SLEEVES FOR PARKS
 ALL OTHER SCOPE EXCEPT LISTED ABOVE IS EXCLUDED.

Justification

Change Order Attachment List:

| | |
|-------------------------|---|
| 1. COR cover page | 4 |
| 2. COR Reference Doc | 5 |
| 3. Subcontractor backup | 6 |

Commercial Verification of Price:

| | |
|--|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations | 5 |
| 3 | 6 |

Schedule Impact:

| | |
|---|---|
| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | Days to Complete Added Scope: 10 |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime | Current Contract Completion Date 03/12/20 |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable | Adjusted Contract Completion Date: 03/12/20 |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

Signatory Approval

Subcontractor: Name: _____ Title: _____ Date: _____

LeChase: Name: _____ Title: _____ Date: _____

Owner: Name: _____ Title: _____ Date: _____

Name: _____ Title: _____ Date: _____

Request Termination:

Volded **Explanation:**

Denied

CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET

Project Name: Albany Airport Parking Garage 099-GCR
 Building / Area: Parking Garage

PCO #: 4
 COR #:

Subcontractor/Vendor: Nrastructure
 BP #: BULLETIN 10
 Change Order Source:

| MWBE Participation: Percentage Overall | |
|--|-------|
| MBE | #REF! |
| WBE | #REF! |

| Item No. | WBS/CSI Cost Code | Description | Materials & Equipment | | | | Subcontract | | | | Straight Hours | Time + 1/2 Hours | Double Time Hours | Fully Burdened Labor Rate | | | Duration | | MWBE Contract Total | WBE Contract Total | | | | | | | | | | |
|----------|-------------------|---------------------------------------|------------------------------|------|-------------------|------------|---------------|------|------------|----------|----------------|------------------|-------------------|---------------------------|----------------|--|----------|--------------------|---------------------|--------------------|-------|--|--|--|--|--|--|--|--|--|
| | | | Qty | Unit | Unit Cost | Subtotal | Qty | Unit | Unit Cost | Subtotal | | | | EO Time & 1/2 | EO Double Time | Total | Start | Finish | | | | | | | | | | | | |
| 1 | UNDERGROUND | BULLETIN 10 PARKS UNDERGROUND CHANGES | 1 | As | \$5,160.74 | \$5,160.74 | | | | | 217 | | | | 110.01 | | | | | #REF! | #REF! | | | | | | | | | |
| | | | Net Subtotal: | | \$5,160.74 | | \$0.00 | | 217 | 0 | 0 | \$0.00 | 110.01 | 0.00 | | \$23,877.12 | | | #REF! | #REF! | | | | | | | | | | |
| | | | Total SGA & OH+P: | | \$516.07 | | \$0 | | | | | | | | | \$23,877.12 | | | #REF! | #REF! | | | | | | | | | | |
| | | | Tax (if applicable): | | 1412.84 | | 14.00 | | | | | | | | | \$0.00 | | | #REF! | #REF! | | | | | | | | | | |
| | | | Total: | | \$6,089.65 | | 14.00 | | | | | | | | | \$24,785.83 | | | #REF! | #REF! | | | | | | | | | | |
| | | | | | | | | | | | | | | | | Total Labor: | | \$28,754.83 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | Total Materials, Subcontract & Labor, & OH+P: | | \$32,354.51 | | | | | | | | | | | | |

| Attributes | Item Description | Qty | Price U | Price | Disc. | Cost | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond. | Labor U | Field Labor | Total Field Labor |
|------------|---|------|---------|--------|-------|--------|--------------|------------|----------|---------------|------------|---------|-------------|-------------------|
| 1" | Conduit - PVC 40 10' Lengths | 300 | C | 45.28 | 0 | 45.28 | | | 45.28 | 135.84 | Normal | C | 5.25 | 15.75 |
| 2" | Conduit - PVC 40 10' Lengths | 2087 | C | 91.95 | 0 | 91.95 | | | 91.95 | 1919 | Normal | C | 8 | 166.96 |
| 1" | Elbow 90 Degree - PVC 40 | 6 | C | 269.26 | 0 | 269.26 | | | 269.26 | 16.16 | Quoted | C | 25 | 1.5 |
| 2" | Elbow 90 Degree - PVC 40 | 20 | C | 727.21 | 0 | 727.21 | | | 727.21 | 145.44 | Quoted | C | 50 | 10 |
| 1" | Coupling - PVC | 6 | C | 16.59 | 0 | 16.59 | | | 16.59 | 1 | Normal | C | 0.18 | 0.011 |
| 2" | Coupling - PVC | 20 | C | 40.17 | 0 | 40.17 | | | 40.17 | 8.03 | Normal | C | 0.3 | 0.06 |
| 1" | Locknut - Steel | 6 | C | 19.28 | 0 | 19.28 | | | 19.28 | 1.16 | Normal | C | 0.4 | 0.024 |
| 2" | Locknut - Steel | 20 | C | 54.24 | 0 | 54.24 | | | 54.24 | 10.85 | Normal | C | 0.8 | 0.16 |
| 1" | Male Adapter - PVC Socket to Box | 6 | C | 25.91 | 0 | 25.91 | | | 25.91 | 1.55 | Normal | C | 18 | 1.08 |
| 2" | Male Adapter - PVC Socket to Box | 20 | C | 57.78 | 0 | 57.78 | | | 57.78 | 11.56 | Normal | C | 30 | 6 |
| | QUAZITE PARKS 1 - PG1324HH0017-PG1324BA24 | 3 | E | 409.42 | 0 | 409.42 | | | 409.42 | 1228.26 | Normal | E | 2 | 6 |
| | QUAZITE PARKS 2 - PG1730HH0045-PG1730BA24 | 3 | E | 517.44 | 0 | 517.44 | | | 517.44 | 1552.32 | Normal | E | 2 | 6 |
| | 2" SLEAVES FOR PARKS ISLAND | 7 | E | 18.51 | 0 | 18.51 | | | 18.51 | 129.57 | Normal | E | 0.5 | 3.5 |
| | | | | | | | | | | 5160.74 | | | | 217.045 |

COR Response Cover Sheet



| | |
|---|---|
| GENERAL CONTRACTOR: LeChase Construction Services, LLC 220 Harborside Dr. Suite 301 Schenectady, NY 12305 | Construction Manager: Turner Construction Company 1 Computer Drive South Albany, NY 12201 |
|---|---|

| |
|--|
| Albany Airport Parking Garage [989 GC] Project # 1934006 |
| Change Order Number: COR 21 Revision Number: 1 |
| Construction Manager Response to Change Order: <input checked="" type="checkbox"/> |
| LeChase Construction Response to CM Comments: <input checked="" type="checkbox"/> |

Infrastructure

1. Provide all backup, lump sum not acceptable.
See attached backup.
2. Delete mounting of EZC box, this will be mounted in Parcs contracted package.
Mounting of EZC removed from Proposal.
3. Conduit for pump station not core drilled.
Core drill conduit removed from proposal.
4. Where is 1/2" conduit to east canopy, this is not called out on COR cover sheet.
*1/2" Conduit going out to PARCS was changed to 1" by ATI prior to this drawing being released.
All conduits under slab was already 1" so it was continued out to the hand holes as this size.*

Keller-

1. Trenches already open- why additional time/costs.
The trenches were not already open. We spent 2-3 days the week of 11/4/19 finalizing the Parcs system to these islands. There was additional time coordinating scope that was poorly detailed in the bid documents. There was additional time setting handholes, than adjusting the hand holes 2 different times, because CHA provided us with a preliminary bulletin drawing and then the Parcs team provided us with what would be the final layout drawing in the field.

Revised comments per 12/5 meeting with Turner

- INSTALL 368FT * 2 - 2" SCH80 PVC (PUMP STATION) - UNDERGROUND (This was never on original drawings) *Agree*
- INSTALL 100FT * 3 - 1" SCH80 PVC (PARKS 1) - UNDERGROUND (This was never on original drawings) *Agree*
- INSTALL 80FT * 5 - 2" SCH80 PVC (PARKS 2) - UNDERGROUND (Everything on the original drawings that says 1-1/2" was changed to 2" by ATI) *Provide Credit For 1 1/2" Conduit + Excavation - UNDERGROUND SLAB*
- INSTALL 3 - 13X24 HAND HOLE (This was never on original drawings) *Agree* *2" Conduit*
- INSTALL 3 - 17X30 HAND HOLE (This was never on original drawings) *Agree* *From Control Room To Cables*
- INSTALL 7 - 2" SLEEVES FOR PARKS (This was never on original drawings) *Agree*

** Among McGraw Docs Indicate Install Per Code, On Site Mtg Indicated Conduit Per Location*

Wagner, Robert C - (NYN)

From: Wagner, Robert C - (NYN)
Sent: Saturday, December 7, 2019 11:05 AM
To: LaRose, Richard; Anderson, Mark; Eileen O'Neil
Subject: LeChase COR #021 Bulletin 16 PARCS Conduit
Attachments: COR 021-PCO 030-Bulletin 16.pdf; COR 021-PCO30-Bulletin 16 CM Response.pdf

Rich/Mark/Eileen-

Attached is LeChase backup they received from nrastructure for your review and comments.

My question back to LeChase was is this additional conduits required above and beyond what is shown on the base contract electrical documents and the Amano McGann drawings included in their contract? LeChase was going back to nrastructure for comments.

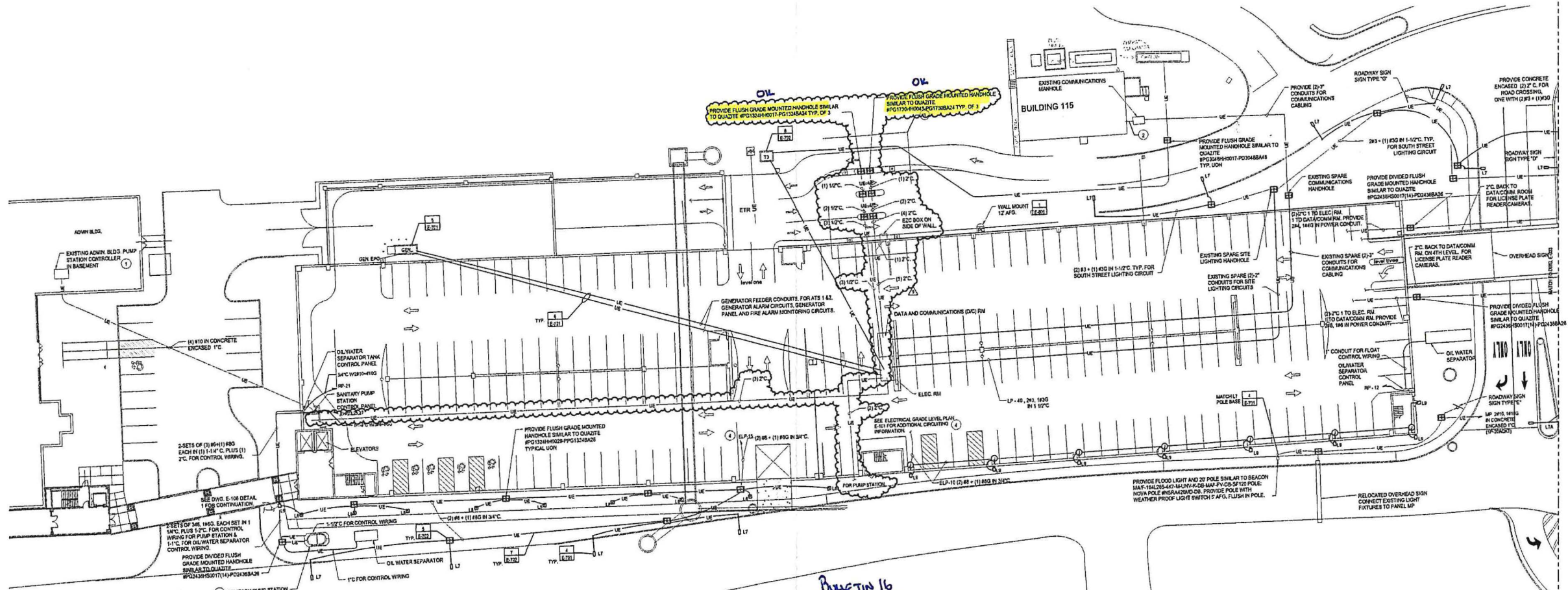
Robert Wagner, LEED® AP | Project Manager
Turner Construction Company 1 Computer Drive South | Albany, New York 12205
office 518.432.0277 | mobile 518.852.1093 | rwagner@tcco.com

~~~ CONFIDENTIALITY STATEMENT ~~~

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□ Create Is Die For 6" 2" Conduits Back To L-1 Control Room

- GENERAL NOTES:**
- UNLESS OTHERWISE NOTED, ALL HANDHOLES SHALL BE 17" DIA. 3" LIPS. THEY ARE TO BE SITED WITH ENGRAVED COVERS, "ELECTRIC" FOR BOXES WITH POWER CIRCUITS PASSING THROUGH THEM, "LIGHTING" FOR BOXES WITH LIGHTING CIRCUITS PASSING THROUGH THEM, AND "COMMUNICATIONS" FOR BOXES WITH DATA OR FIBER OPTIC CABLES PASSING THROUGH THEM.
- GENERAL NOTES:**
- PROVIDE CONDUIT AND WIRING BETWEEN EXISTING ADMIN. BUILDING PUMP STATION CONTROL PANEL AND GARAGE PUMP STATION CONTROL PANEL TO INTERLOCK CONTROL PANELS TO GARAGE CONTROL PANELS. CABLES TO OPERATE AT A TIME.
  - PROVIDE 4" RIGID CONDUIT FROM EXISTING COMMUNICATIONS MANHOLE UP BUILDING WALL, THROUGH E.A.P. AND INTO COMMUNICATIONS ROOM, CORE DRILL, MANHOLE AND BUILDING WALL & SEAL WATER-TIGHT.
  - PROVIDE ALL ELECTRICAL HOUSINGS FOR PARKING CONTROL EQUIPMENT AS INDICATED ON MANHOLE/GRABBER.
  - ROUTE CIRCUIT THROUGH LIGHTING CONTACTOR.
  - DIRECT RUSTY 1/2" Ø (Ø) POWER AND CONTROL CABLES FROM PUMP STATION TO MANHOLE. PROVIDE CABLE GLAND FITTINGS ON CONDUIT SLEEVES ENTERING PUMP STATION. PROVIDE GEMERBEL PLUS & PROTECTABLES FOR POWER CONNECTORS. PERM. 14-30-14-14-30P. PROVIDE SUSSEMBLE CONNECTORS FOR SPLICING CONTROL FLAT WIRING.



**BULLETIN 16**  
**3- 1/2" CONDUITS**  
**5- 2" CONDUITS**

**1 ELECTRICAL SITE PLAN**  
 1" = 20'-0"

City of Albany  
**CIA**  
 1000 West 10th Street, Albany, NY 12243  
 (518) 862-4100

**DESIGN MANAGEMENT**  
 Design Management

**BERGMANN**  
 CONSULTANTS AND ENGINEERS

**Albany International Airport**  
 Capital Region Gateway

ALBANY COUNTY  
 AIRPORT  
 AUTHORITY



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ALBANY INTERNATIONAL  
 AIRPORT PARKING  
 GARAGE GENERAL  
 CONSTRUCTION

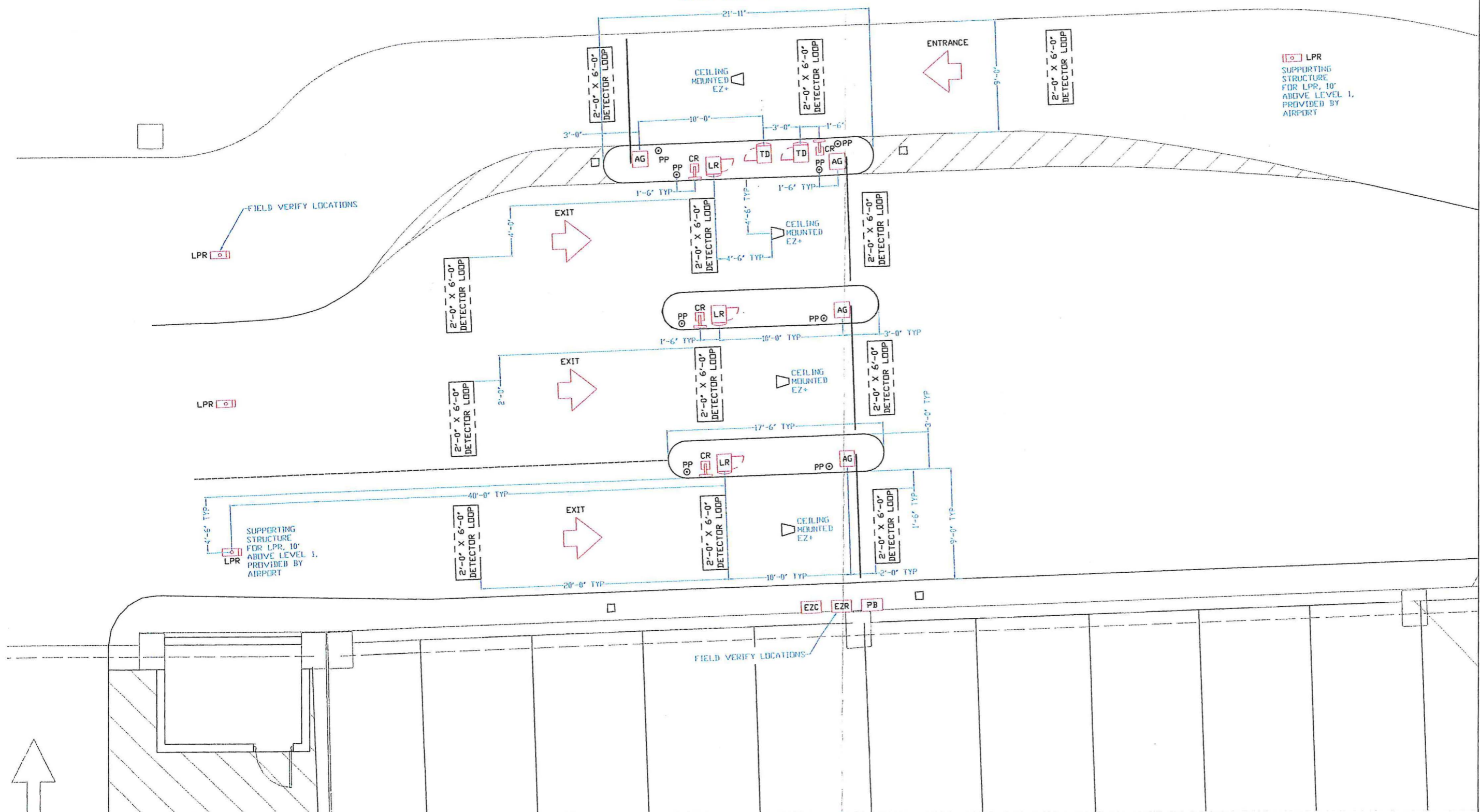
| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
| 1   | ISSUE    | -    | -  |
| 2   | REVISION | -    | -  |
| 3   | REVISION | -    | -  |
| 4   | REVISION | -    | -  |
| 5   | REVISION | -    | -  |
| 6   | REVISION | -    | -  |
| 7   | REVISION | -    | -  |
| 8   | REVISION | -    | -  |

ELECTRICAL SITE PLAN

| DESIGNED BY | DRAWN BY    | CHECKED BY |
|-------------|-------------|------------|
| MCA         | ACA         | MCA        |
| ISSUE DATE  | PROJECT NO. | SCALE      |
| 2/15/13     | 35034       | AS SHOWN   |

Drawing No.  
**E-002**

GARAGE GRADE LEVEL



PARKING, REVENUE, ACCESS SYSTEMS, AND SOFTWARE  
 2699 PATTON ROAD  
 ROSEVILLE, MN 55113  
 (612) 331-2020

PROJECT  
 ALBANY INTL AIRPORT  
 NEW PARKING GARAGE

TITLE  
 EQUIPMENT LAYOUT

|         |    |
|---------|----|
| DATE    | BY |
| 1/31/19 | -  |

|      |              |
|------|--------------|
| SIZE | SCALE        |
| D    | 1/4" = 1'-0" |

NOTES:

REFERENCE  
 DRAWING  
 ONLY

| REV | DATE | BY |
|-----|------|----|
|     |      |    |

DRAWING NUMBER  
 2075-01

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**NOTES:**

120VAC TO GATE MUST NOT DROP BELOW 105VAC WITH A 15A LOAD

EQUIPMENT IS DESIGNED TO BE MOUNTED ON 6" HIGH LEVEL CONCRETE ISLAND.

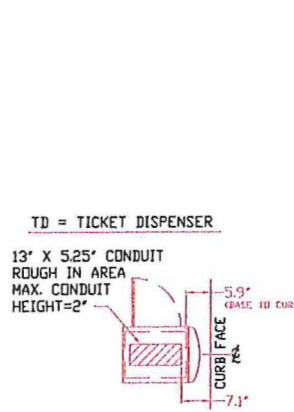
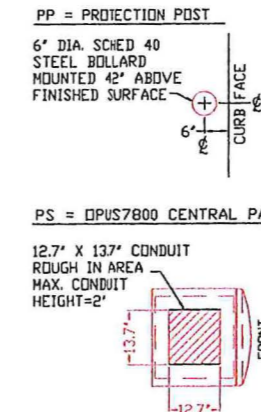
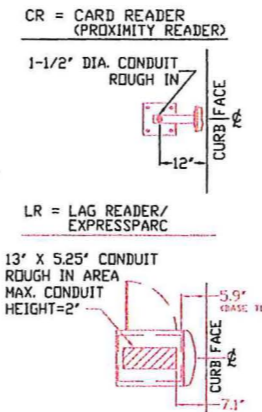
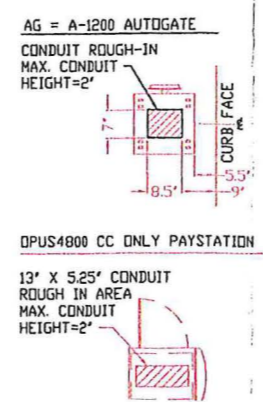
EQUIPMENT IS DESIGNED FOR AUTOMOBILE TRAFFIC ONLY - NO MOTORCYCLES, BICYCLES, OR PEDESTRIANS.

DETECTOR LOOPS AND THEIR CONDUIT WILL BE IMBEDDING CONCRETE. WHEN THE CONDUIT OR LOOP CROSSES AN EXPANSION JOINT APPROPRIATE MEASURE MUST BE TAKEN.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS BASED ON TYPICAL CONFIGURATIONS. WE MAKE NO REPRESENTATIONS AS TO ITS ACCURACY, COMPLETENESS OR SUITABILITY FOR A PARTICULAR APPLICATION. IT IS THE RESPONSIBILITY OF THE INSTALLER TO VERIFY ALL INFORMATION CONTAINED HEREIN AS IT RELATES TO THE ACTUAL SYSTEM DESIGN, SITE CONDITIONS, AND CODE REQUIREMENTS.

**LEGEND:**

AG = AUTOGATE  
 CC = CC ONLY PAYSTATION  
 CR = CARD READER  
 EZA = E-ZPASS PLUS ANTENNA  
 EZE = E-ZPASS ENCLDSURE  
 EZR = E-ZPASS READER  
 LPR = LICENSE PLATE RECOGNITION  
 LR = LAG READER/EXPRESSPARC  
 PB = ELECTRICAL PULL BOX  
 PS = PAY STATION  
 PP = PROTECTION POST  
 TD = TICKET DISPENSER





PARKING, REVENUE, ACCESS SYSTEMS, AND SOFTWARE  
 2699 PATTON ROAD  
 ROSEVILLE, MN 55113  
 (612) 331-2020

PROJECT  
 ALBANY INTL AIRPORT  
 NEW PARKING GARAGE

TITLE  
 EQUIPMENT LAYOUT

|         |    |
|---------|----|
| DATE    | BY |
| 1/31/19 | -  |

|      |              |
|------|--------------|
| SIZE | SCALE        |
| D    | 1/4" = 1'-0" |

NOTES:

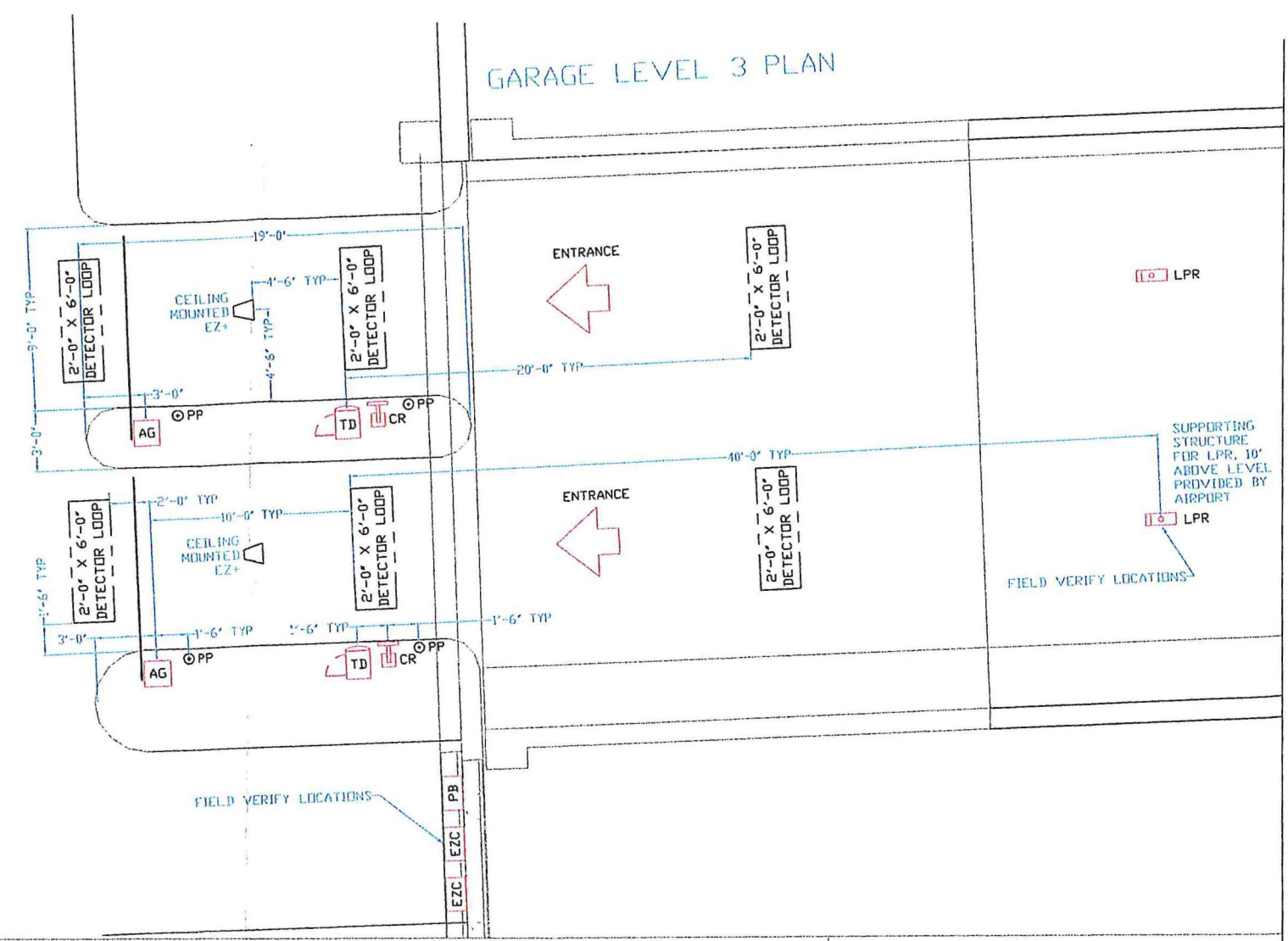
REFERENCE  
 DRAWING  
 ONLY

| REV | DATE | BY |
|-----|------|----|
|     |      |    |

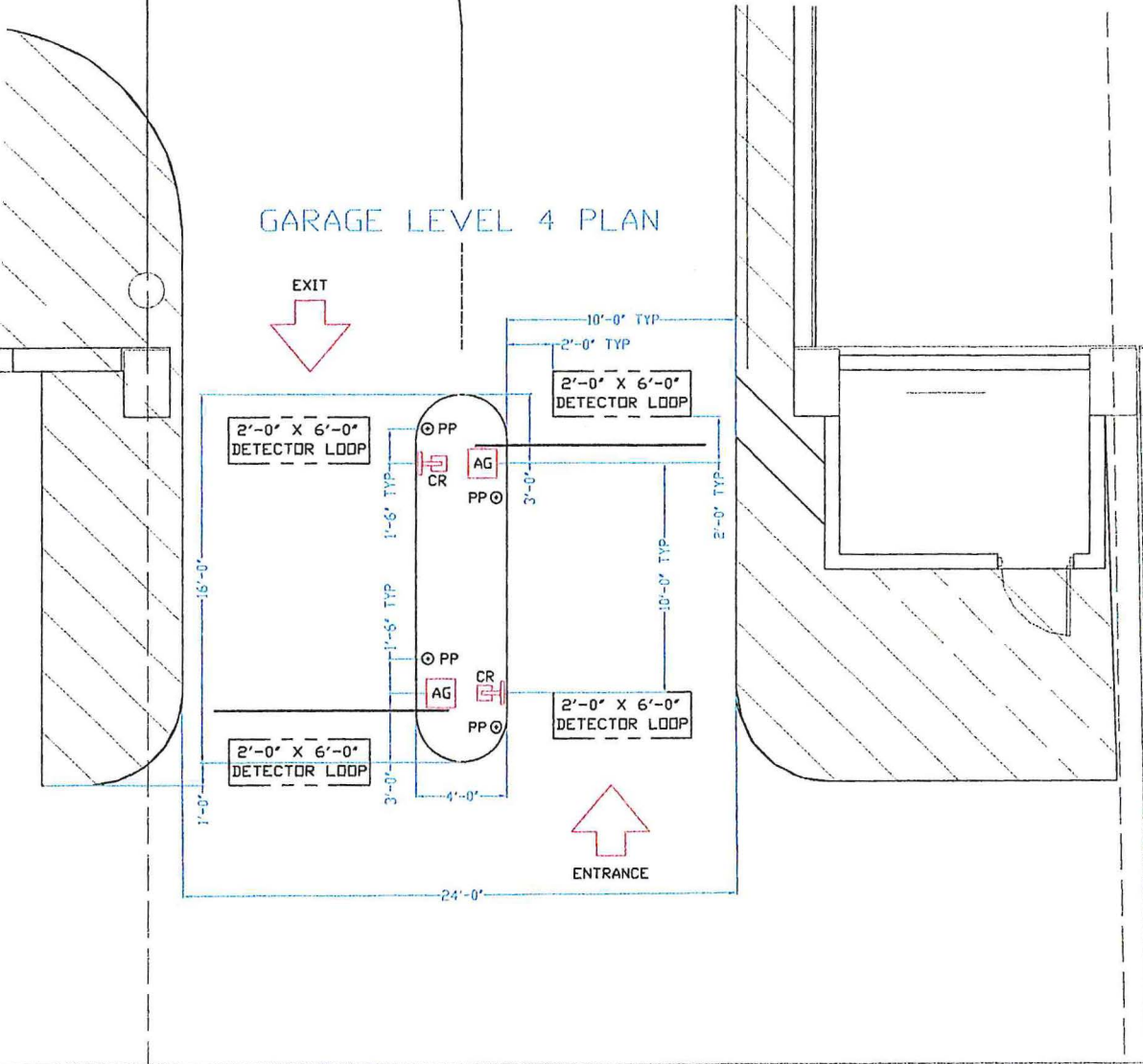
DRAWING NUMBER  
 2075-02

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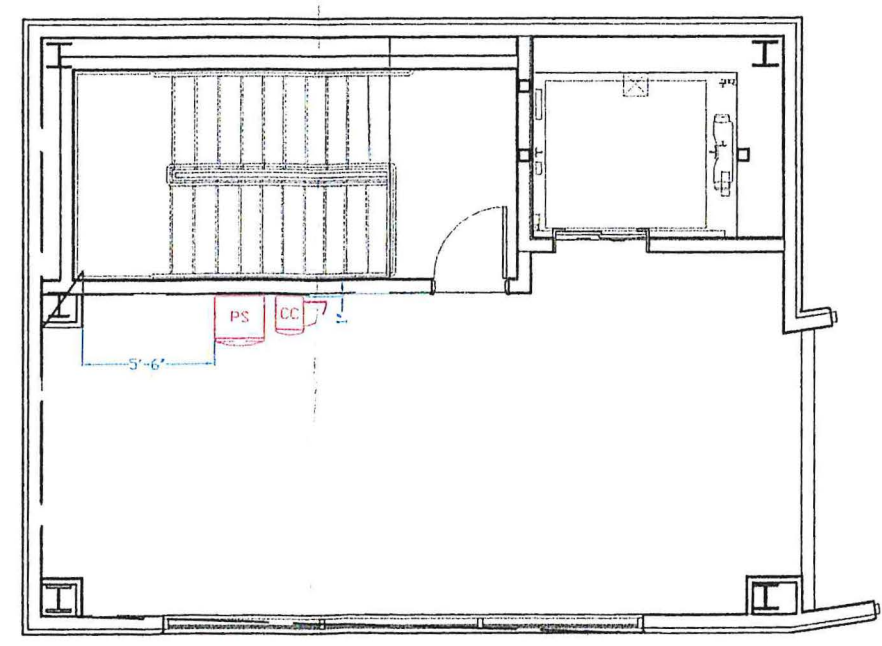
GARAGE LEVEL 3 PLAN



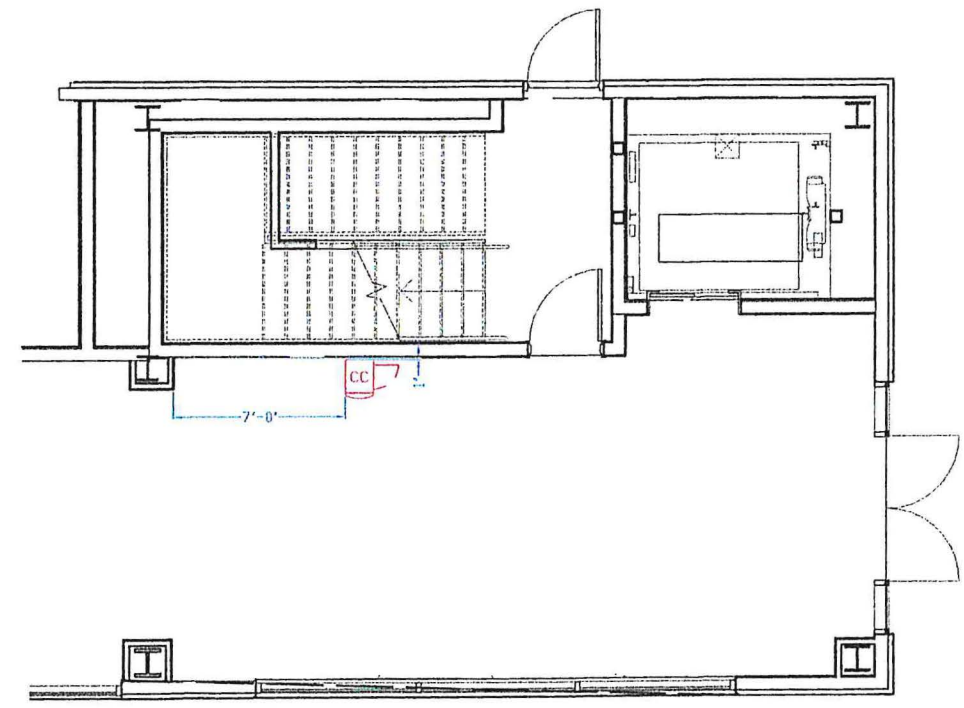
GARAGE LEVEL 4 PLAN



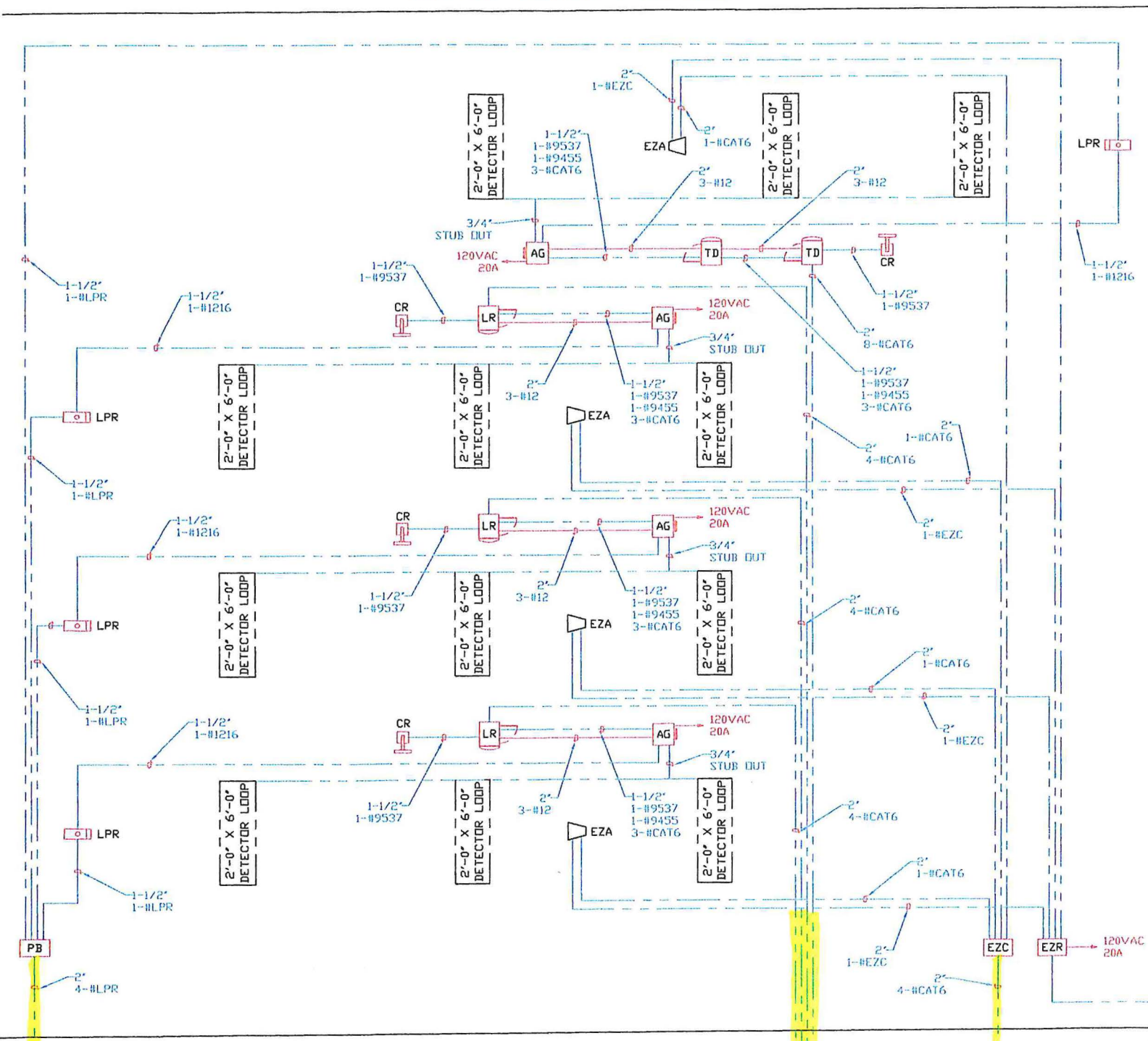
STAIR TOWER PLAN - THIRD FLOOR



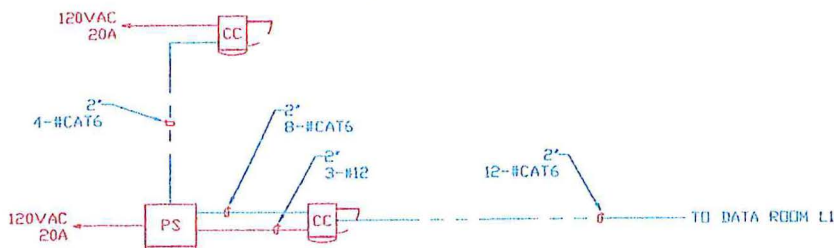
STAIR TOWER PLAN - FIRST FLOOR



GARAGE LEVEL 1 CONDUIT



STAIR TOWER PLAN - FIRST FLOOR



STAIR TOWER PLAN - THIRD FLOOR

- LEGEND:
- AG = AUTOGATE
  - CC = CC ONLY PAYSTATION
  - CR = CARD READER
  - EZA = E-ZPASS PLUS ANTENNA
  - EZE = E-ZPASS ENCLOSURE
  - EZR = E-ZPASS READER
  - LPR = LICENSE PLATE RECOGNITION
  - LR = LAG READER/EXPRESSPARC
  - PB = ELECTRICAL PULL BOX
  - PS = PAY STATION
  - PP = PROTECTION POST
  - TD = TICKET DISPENSER

- = 120VAC
- = LOW VOLTAGE CONTROL
- #1216 = 18AWG 6 LPR - TRIGGER LOOP
- #9455 = 9 COND - CONTROL
- #9537 = 7 COND W/SHIELD - WEIGAND
- #CAT6 = ETHERNET - NETWORK
- #E2C = COMSCOPE #LMR400
- #E2X = 6 COND GUARD CABLE 345483
- #LPR = 4 COND W/ETHERNET (CUSTOM) - GENETEC PWR/DATA

NOTES:

120VAC TO GATE MUST NOT DROP BELOW 105VAC WITH A 15A LOAD

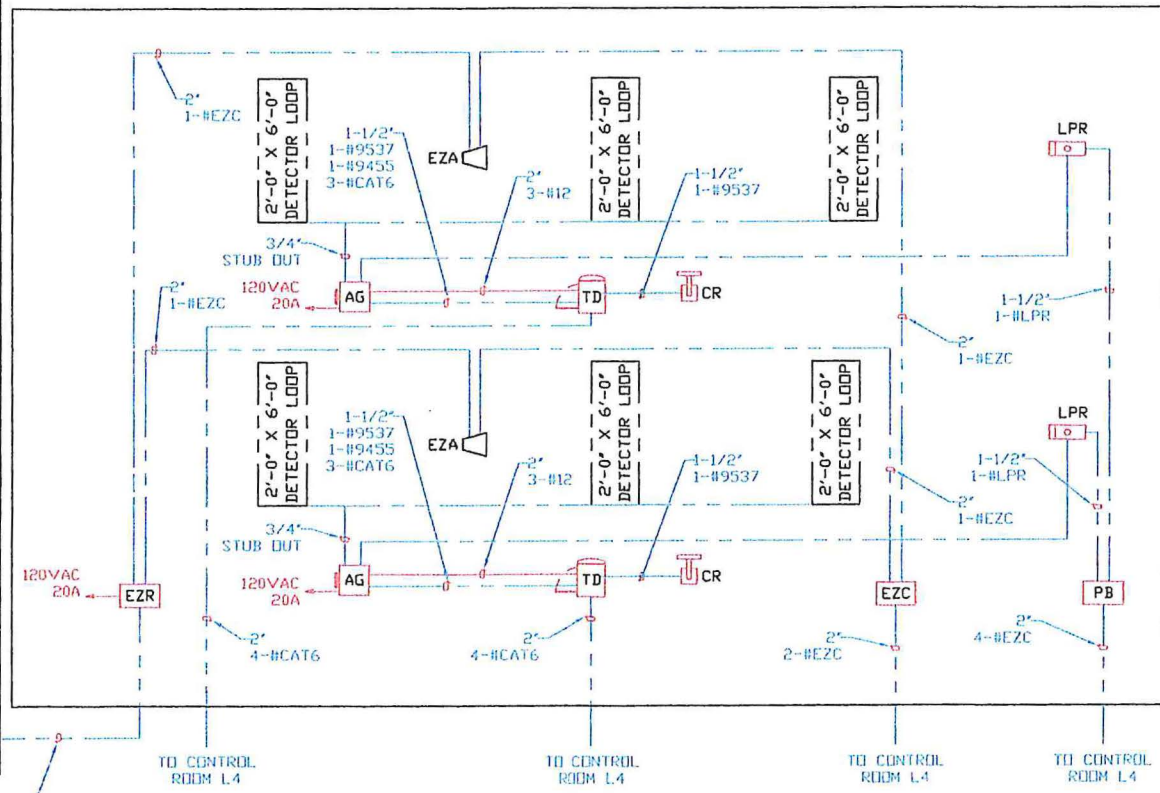
EQUIPMENT IS DESIGNED TO BE MOUNTED ON 6" HIGH LEVEL CONCRETE ISLAND.

EQUIPMENT IS DESIGNED FOR AUTOMOBILE TRAFFIC ONLY - NO MOTORCYCLES, BICYCLES, OR PEDESTRIANS.

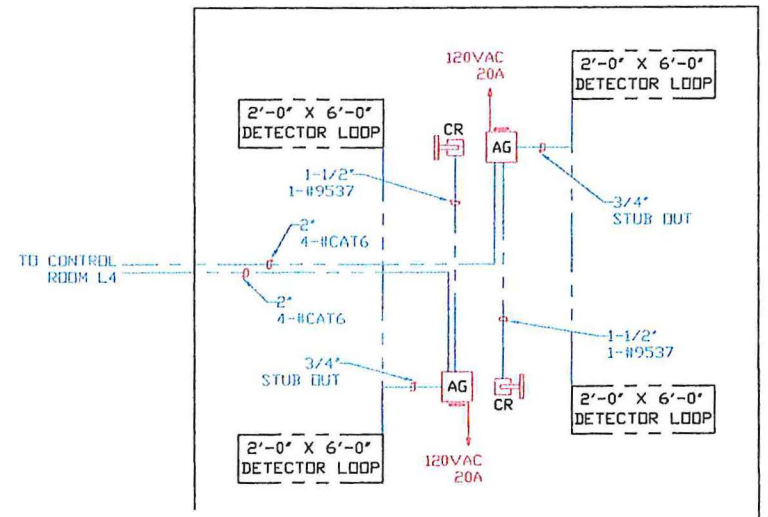
DETECTOR LOOPS AND THEIR CONDUIT WILL BE IMBEDDING CONCRETE. WHEN THE CONDUIT OR LOOP CROSSES AN EXPANSION JOINT APPROPRIATE MEASURE MUST BE TAKEN.

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GARAGE LEVEL 3 CONDUIT



GARAGE LEVEL 4 CONDUIT



PARKING, REVENUE, ACCESS SYSTEMS, AND SOFTWARE

2699 PATTON ROAD  
ROSEVILLE, MN 55113  
(612) 331-2020

PROJECT

ALBANY INTL AIRPORT  
NEW PARKING GARAGE

TITLE

ELECTRICAL LAYOUT

|         |               |
|---------|---------------|
| DATE    | BY            |
| 1/31/19 | -             |
| SIZE    | SCALE         |
| D       | 3/16" = 1'-0" |

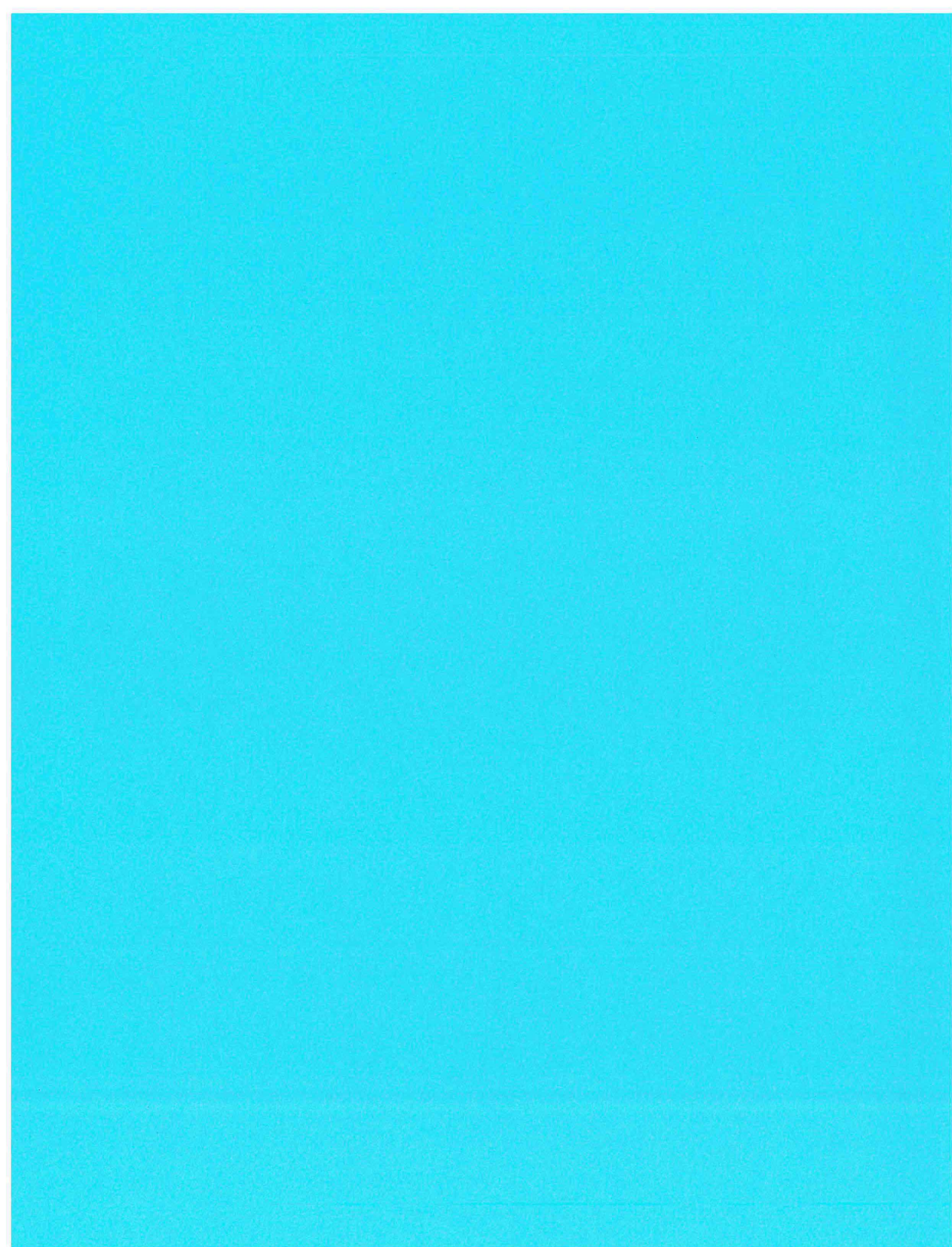
NOTES:

REFERENCE DRAWING ONLY

| REV | DATE | BY |
|-----|------|----|
|     |      |    |

DRAWING NUMBER

2075-03



**Change Order Request #22 - PCO 039 - RFI 179 FA Changes**

**Reason:** This COR is for all additional work associated with RFI 179 and Work Directive 41, which Includes:

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
  2. Add 18/2 cable to all notification devices for new voice circuit
  3. Add CO detector to grade level pedestrian bridge with cabling
  4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
  5. Add smoke detector to level 2 pedestrian building with cabling
  6. Add CO detector to level 3 pedestrian bridge with cabling
  7. Add new NAC power supply in place of pedestrian bridge FACP
  8. Provide JCI services for reconfiguration and programming of F/A System Exclusions
1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP(Existing Simplex Panel) by others  
NO time extension required.

|            | Description of Change:                                                                                                       | Description Scope of Work                                                                                                    | Cost             |
|------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------|
| Electrical | 1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room  | 1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room  | 55,363.00        |
|            | 2. Add 18/2 cable to all notification devices for new voice circuit                                                          | 2. Add 18/2 cable to all notification devices for new voice circuit                                                          |                  |
|            | 3. Add CO detector to grade level pedestrian bridge with cabling                                                             | 3. Add CO detector to grade level pedestrian bridge with cabling                                                             |                  |
|            | 4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling                                      | 4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling                                      |                  |
|            | 5. Add smoke detector to level 2 pedestrian building with cabling                                                            | 5. Add smoke detector to level 2 pedestrian building with cabling                                                            |                  |
|            | 6. Add CO detector to level 3 pedestrian bridge with cabling                                                                 | 6. Add CO detector to level 3 pedestrian bridge with cabling                                                                 |                  |
|            | 7. Add new NAC power supply in place of pedestrian bridge FACP                                                               | 7. Add new NAC power supply in place of pedestrian bridge FACP                                                               |                  |
|            | 8. Provide JCI services for reconfiguration and programming of F/A System Exclusions                                         | 8. Provide JCI services for reconfiguration and programming of F/A System Exclusions                                         |                  |
|            | 1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others | 1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others |                  |
|            | <b>Subtotal of Costs</b>                                                                                                     |                                                                                                                              | <b>55,363.00</b> |
|            | <b>Change Order Add Ons</b>                                                                                                  |                                                                                                                              |                  |
|            | Fee                                                                                                                          |                                                                                                                              | 2,768.00         |
|            | GL Insurance                                                                                                                 |                                                                                                                              | 591.00           |
|            | P&P Bond                                                                                                                     |                                                                                                                              | 354.00           |
|            | <b>Total For Change Order Request</b>                                                                                        |                                                                                                                              | <b>59,076.00</b> |
|            |                                                                                                                              |                                                                                                                              | 54,344.00        |

**CHA – Electrical**

CHA takes no exception to this change order value.

**Wagner, Robert C - (NYN)**

---

**From:** Wagner, Robert C - (NYN)  
**Sent:** Saturday, December 7, 2019 11:12 AM  
**To:** LaRose, Richard; Anderson, Mark; Eileen O'Neil  
**Subject:** LeChase COR #022 RFI 179 Fire Alarm Changes  
**Attachments:** COR 022 - PCO 039 RFI 179 FA Changes.pdf; CCF\_000089.pdf

Rich/Mark/Eileen-

Attached is LeChase backup they received from nrastructure for your review and comments.

Robert Wagner, LEED® AP | Project Manager  
Turner Construction Company 1 Computer Drive South | Albany, New York 12205  
office 518.432.0277 | mobile 518.852.1093 | [rwagner@tcco.com](mailto:rwagner@tcco.com)

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COR Response Cover Sheet



| | |
|---|---|
| GENERAL CONTRACTOR: LeChase Construction Services, LLC 220 Harborside Dr. Suite 301 Schenectady, NY 12305 | Construction Manager: Turner Construction Company 1 Computer Drive South Albany, NY 12201 |
|---|---|

Albany Airport Parking Garage [989 GC]
Project # 1934006

Change Order Number: COR 22
Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

Infrastructure

1. Missing Credit for FACP not provided, fiber optic connection between specified FACP's.

[See attached breakdown with credits included.](#)

2. A complete material and labor breakdown is required to review the electrical portion of this change order, this shall also include a labor and material breakdown for the fire alarm vendor.

[See attached breakdown.](#)

to Same To Rich +

Change Order Request

LeChase Construction Services, LLC
 220 Harborside Drive, Suite 301
 Schenectady, NY 12305
 Phone: 518-388-9200

Date: 10/7/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 22 - PCO 039 - RFI 179 FA Changes

Description of Change: This COR is for all additional work associated with RFI 179 and Work Directive 41, Which Includes:

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
3. Add CO detector to grade level pedestrian bridge with cabling
4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
5. Add smoke detector to level 2 pedestrian building with cabling
6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP
8. Provide JCI services for reconfiguration and programming of F/A System


Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

NO time extension required.

| Description | Scope of Work | Cost |
|-----------------------------|---|------------------|
| Electrical | 1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room 2. Add 18/2 cable to all notification devices for new voice circuit 3. Add CO detector to grade level pedestrian bridge with cabling 4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling 5. Add smoke detector to level 2 pedestrian building with cabling 6. Add CO detector to level 3 pedestrian bridge with cabling 7. Add new NAC power supply in place of pedestrian bridge FACP 8. Provide JCI services for reconfiguration and programming of F/A System Exclusions 1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others | 50,631.00 |
| Subtotal of Costs | | 50,631.00 |
| Change Order Add Ons | | |
| | Fee | 2,768.00 |
| | GL Insurance | 591.00 |
| | P&P Bond | 354.00 |
| | | 54,344.00 |

CHANGE ORDER REQUEST

| | | |
|---|---|---------------------------------------|
|  | Contractor: <u>Nfrastructure</u> | Albany Airport Parking Garage 989-GCR |
| | Contractor COR #: _____ | Date: <u>10/04/19</u> |
| | Bid Package #: <u>989-GC Bulletin 03 [IB3-PEC] 05/22/19</u> | PCO #: <u>PCO-008</u> |
| | | Building/Area: <u>Parking Garage</u> |

Change Order Reference Document:
 RFI #: 179 Bulletin #: _____ Other: _____

Description of Change:
Scope of Work

1. Provide fiber cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
3. Add CO detector to grade level pedestrian bridge with cabling
4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
5. Add smoke detector to level 2 pedestrian building with cabling
6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP (Credit for PB FACP)
8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

Justification

Change Order Attachment List:

| | |
|-------------------------|---|
| 1. COR cover page | 4 |
| 2. COR Reference Doc | 5 |
| 3. Subcontractor backup | 6 |

Commercial Verification of Price:

| | |
|--|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations | 5 |
| 3 | 6 |

Schedule Impact:

| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Days to Complete Added Scope:</th> </tr> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: center;">10</td> </tr> </table> | Days to Complete Added Scope: | | | 10 |
|---|--|-------------------------------|------------------------------------|-----------------|----------|
| Days to Complete Added Scope: | | | | | |
| | 10 | | | | |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Current Contract</th> <th style="text-align: center;">Adjusted Contract Completion Date:</th> </tr> <tr> <td style="text-align: center;">Completion Date</td> <td style="text-align: center;">03/12/20</td> </tr> </table> | Current Contract | Adjusted Contract Completion Date: | Completion Date | 03/12/20 |
| Current Contract | Adjusted Contract Completion Date: | | | | |
| Completion Date | 03/12/20 | | | | |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Current Contract</th> <th style="text-align: center;">Adjusted Contract Completion Date:</th> </tr> <tr> <td style="text-align: center;">Completion Date</td> <td style="text-align: center;">03/12/20</td> </tr> </table> | Current Contract | Adjusted Contract Completion Date: | Completion Date | 03/12/20 |
| Current Contract | Adjusted Contract Completion Date: | | | | |
| Completion Date | 03/12/20 | | | | |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule

Signatory Approval

Subcontractor: _____
 Name: _____ Title: _____ Date: _____

LeChase: _____
 Name: _____ Title: _____ Date: _____

Owner: _____
 Name: _____ Title: _____ Date: _____

Request Termination:
 Voided Explanation: _____
 Denied

CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET

Project Name: Albany Airport Parking Garage #89-GCR
 Building / Area: Parking Garage
 PCO #: 8
 COR #: 8
 Subcontractor/Vendor: Infrastructure
 BP #: RFI-178
 Change Order Source: RFI-178

| | |
|----------------------------|---------------------------|
| MWBE Participation: | Percentage Overall |
| MBE | #REF! |
| WBE | #REF! |

| Item No. | WBS/CSI Cost Code | Description | Materials & Equipment | | | | Subcontract | | | | Fully Burdened Labor Rate | | | Duration | | Start | Finish | Milestone | | | |
|----------|-------------------|-------------------------------------|-----------------------|------|-----------|----------|-------------|------|------------|------------|---------------------------|------------------|-------------------|---------------|---------------|--------|-------------|-----------|----------------|-------|-------|
| | | | Qty | Unit | Unit Cost | Subtotal | Qty | Unit | Unit Cost | Subtotal | Straight Hours | Time + 1/2 Hours | Double Time Hours | Straight Time | ED Time + 1/2 | | | | ED Double Time | Total | |
| 1 | FIA | RFI-178 FIA CHANGES FOR BULLETIN 07 | 1 | sq | -5783.56 | -5783.56 | 1 | sq | 538,000.00 | 538,000.00 | 75 | 42 | 0 | \$0.00 | 118.01 | 137.26 | \$10,888.30 | | | #REF! | #REF! |

| | | | | | | | | | | | | | | | |
|-----------------------------|-----------------|---------------|----------------------|-------------------|---------------|-----------|----------|---------------|--|---------------|--|--|--------------------|---------------|-------|
| Net Subtotal: | -5783.56 | | Net Subtotal: | 538,000.00 | 75 | 42 | 0 | \$0.00 | 118.01 | 137.26 | | | \$10,888.30 | #REF! | #REF! |
| Total SGA & OH+P | -578.36 | 10.00% | | \$1,000 | 10.00% | | | | | | | | \$1,088.83 | 10.00% | |
| | | | | | | | | | | | | | | | |
| Tax (if applicable) | 342.43 | | | 10.96 | | | | | | | | | 10.00 | | |
| Total | -5921.54 | | Total | 539,000 | | | | | | | | | \$11,555.25 | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | Total Labor: | | | | \$11,555.25 | | |
| | | | | | | | | | Total Materials, Subcontract & Labor, & OH+P: | | | | \$50,621.50 | | |

| Attributes | Item Description | Qty | Price U | Price | Disc. | Cost | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond. | Labor U | Field Labor | Total Field Labor |
|---------------------|---|-------|---------|--------|-------|--------|--------------|------------|----------|---------------|------------|---------|-------------|-------------------|
| 3/4" | Conduit - RMC Galvanized 10' Lengths | 60 | C | 171.86 | | 171.86 | | | 171.86 | 103.12 | Quoted | C | 6 | 3.6 |
| 3/4" | Double Locknut & Bushing Labor - RMC Galvanized | 2 | E | 11.01 | 0 | 11.01 | | | 11.01 | 22.02 | Quoted | E | 0.35 | 0.7 |
| 3/4" | Bushing - Plastic 105 Degree | 2 | C | 9.83 | 0 | 9.83 | | | 9.83 | 0.2 | Quoted | C | 0.175 | 0.004 |
| 3/4" | Locknut - Steel | 4 | C | 11.01 | 0 | 11.01 | | | 11.01 | 0.44 | Quoted | C | 0.175 | 0.007 |
| FS (1-7/8) x 3/4" | Device Box 1-Gang 1-Hub Back - Malleable Iron | 1 | E | 17.93 | 0 | 17.93 | | | 17.93 | 17.93 | Quoted | E | 0.7 | 0.7 |
| FD (2-11/16) x 3/4" | Device Box 1-Gang 1-Hub Back - Malleable Iron | 3 | E | 20.49 | 0 | 20.49 | | | 20.49 | 61.47 | Quoted | E | 0.7 | 2.1 |
| #18/2C Red | FPLR Cable Shielded | 7408 | M | 87.09 | 0 | 87.09 | | | 87.09 | 645.16 | Quoted | M | 12 | 88.896 |
| #18/2C Red | FPLR Cable Shielded | 1271 | M | 87.09 | 0 | 87.09 | | | 87.09 | 110.69 | Quoted | M | 12 | 15.252 |
| 3/4" | 2-Piece Strut Clamp - RMC / IMC | 6.122 | C | 99.48 | 0 | 99.48 | | | 99.48 | 6.09 | Quoted | C | 3 | 0.184 |
| | FIBER PATCH CABLE INSTALL | 61 | M | 164.35 | 0 | 164.35 | | | 164.35 | 10.03 | Quoted | M | 6 | 0.366 |
| | BLUE LIGHT STROBE | 1 | E | 0 | | 0 | | | 0 | | No Cost | E | 2 | 2 |
| | SMOKE DETECTOR | 1 | E | 0 | | 0 | | | 0 | | No Cost | E | 2 | 2 |
| | CO DETECTOR | 2 | E | 0 | | 0 | | | 0 | | No Cost | E | 2 | 4 |
| | FIBER PATCH CABLE CREDIT - | -400 | M | 164.35 | 0 | 164.35 | | | 164.35 | -65.74 | Normal | M | 6 | -2.4 |
| | PB FACP CREDIT | -1 | E | 1695 | 0 | 1695 | | | 1695 | -1695 | Normal | E | 1 | -1 |
| | NAC INSTALL | 1 | E | 0 | | 0 | | | 0 | | No Cost | E | 1 | 1 |
| | | | | | | | | | | -783.59 | | | | 117.409 |

| Description | Alarm | Cost | Cost Adj % | Cost Adj. \$ | Net Cost | Tax % | Overhead % | Markup % | Total |
|----------------|-------|-------|------------|--------------|----------|-------|------------|----------|-------|
| JCI FIRE ALARM | Off | 36000 | | | 36000 | | | | 36000 |
| Total | | 36000 | | | 36000 | | | | 36000 |

CALLOUT FOR CONDUIT + INSTALLATION?

Change Order Request # : 22 - PCO 039 - RFI 179 FA Changes

Description of Change:

This COR is for all additional work associated with RFI 179 and Work Directive 41, Which Includes:

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
3. Add CO detector to grade level pedestrian bridge with cabling
4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
5. Add smoke detector to level 2 pedestrian building with cabling
6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP
8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

NO time extension required.

Description Scope of Work Cost

- Electrical 1. Provide 20' fiber patch cable between data room termination point 55,363.00
(Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
 3. Add CO detector to grade level pedestrian bridge with cabling
 4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
 5. Add smoke detector to level 2 pedestrian building with cabling
 6. Add CO detector to level 3 pedestrian bridge with cabling
 7. Add new NAC power supply in place of pedestrian bridge FACP
 8. Provide JCI services for reconfiguration and programming of F/A System
- Exclusions
1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

Subtotal of Costs 55,363.00

Change Order Add Ons

Fee 2,768.00

GL Insurance 591.00

P&P Bond 354.00

Total For Change Order Request 59,076.00

CHA - Electrical

- | |
|---|
| 1. Missing credits for FACP not provided, fiberoptic cable connection between specified FACP's. |
| 2. A complete material and labor breakdown is required to review the electrical portion of this change order, this will also include labor and material breakdown from fire alarm vendor. |

Change Order Request # : 22 - PCO 039 - RFI 179 FA Changes

Description of Change:

This COR is for all additional work associated with RFI 179 and Work Directive 41, Which Includes:

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
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6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP
8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

NO time extension required.

Description Scope of Work Cost

- Electrical 1. Provide 20' fiber patch cable between data room termination point 55,363.00
(Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
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 6. Add CO detector to level 3 pedestrian bridge with cabling
 7. Add new NAC power supply in place of pedestrian bridge FACP
 8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

Subtotal of Costs 55,363.00

Change Order Add Ons

- Fee 2,768.00
GL Insurance 591.00
P&P Bond 354.00

Total For Change Order Request 59,076.00

CHA - Electrical

- | |
|---|
| <ol style="list-style-type: none">1. Missing credits for FACP not provided, fiberoptic cable connection between specified FACP's.2. A complete material and labor breakdown is required to review the electrical portion of this change order, this will also include labor and material breakdown from fire alarm vendor. |
|---|

Change Order Request

LeChase Construction Services, LLC
 220 Harborside Drive, Suite 301
 Schenectady, NY 12305
 Phone: 518-388-9200

Date: 10/7/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : **22 - PCO 039 - RFI 179 FA Changes**

Description of Change: This COR is for all additional work associated with RFI 179 and Work Directive 41, Which Includes:

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
3. Add CO detector to grade level pedestrian bridge with cabling
4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
5. Add smoke detector to level 2 pedestrian building with cabling
6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP
8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

NO time extension required.

| Description | Scope of Work | Cost |
|--------------------------|--|------------------|
| Electrical | <ol style="list-style-type: none"> 1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room 2. Add 18/2 cable to all notification devices for new voice circuit 3. Add CO detector to grade level pedestrian bridge with cabling 4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling 5. Add smoke detector to level 2 pedestrian building with cabling 6. Add CO detector to level 3 pedestrian bridge with cabling 7. Add new NAC power supply in place of pedestrian bridge FACP 8. Provide JCI services for reconfiguration and programming of F/A System <p>Exclusions</p> <ol style="list-style-type: none"> 1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others | 55,363.00 |
| Subtotal of Costs | | 55,363.00 |

*Provide Detail Back Up For Electrical Work For Labor
 Materials For BM Infrastructure + IC.
 O'Connell For Design Sure of Work*

| <u>Change Order Add Ons</u> | |
|-----------------------------|----------|
| Fee | 2,768.00 |
| GL Insurance | 591.00 |
| P&P Bond | 354.00 |

Change Order Request

LeChase Construction Services, LLC
220 Harborside Drive, Suite 301
Schenectady, NY 12305
Phone: 518-388-9200

Date: 10/7/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Total For Change Order Request

59,076.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

**Albany County Airport Authority
Work Directive**

| | | | |
|-----------------|------------------------------|----------------------|--|
| Contractor Name | <u>LeChase Construction</u> | Change Directive No. | <u>41</u> |
| Contact | <u>Ryan Faulkner</u> | Contract No. | <u>989-GC</u> |
| Address | <u>1473 Erie Boulevard</u> | Project Name | <u>Parking Garage General Construction</u> |
| City, State ZIP | <u>Schenectady, NY 12305</u> | Project Location | <u>Albany International Airport</u> |

Basis of Work Directive

- Error/Omission
 - Owner Request
 - Value Engineering
 - Request for Information
- Differing Site Condition
 - Field Resolution
 - Information Bulletin

Adjustment to Contract Sum (indicate if zero cost)

Add: \$ 180 Deduct: \$ _____

Adjustment to Contract Time

- No Change
- ___ Days Added
- ___ Days Deducted

Cost Basis (check all that apply)

- Time & Material Not to Exceed
- Allowance (described below)
- Fixed Price
- Unit Price

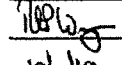
Your company is authorized and directed to proceed with the following (attach additional sheets if needed):
Provide labor and material to install the Fire Alarm changes per the design changes discussed in a meeting on 08.26.19. These changes were detailed in RFI #179 and CHA reviewed and approved the changes

Justification:

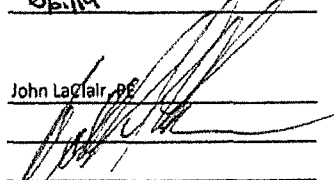
Response to RFI #179 stating the acceptance of the recommendations and the attached sketch for the fire alarm one line diagram [SKE-001]

Special Notice: This Change Directive identifies satisfaction of all compensation and time adjustments related to this change in the Work

Construction Manger Recommendation

Name Robert Wagner
Signature 
Date 10/1/19

Contracting Authority Approval

Name John LaClair, PE
Signature 
Date _____

CHANGE ORDER REQUEST



| | |
|--|--|
| Contractor: <u>Nfrastructure</u> | Albany Airport Parking Garage 989-GCR |
| Contractor COR #: _____ | Date: <u>10/04/19</u> |
| Bld Package #: <u>989-GC Bulletin 03 [IB3-PEC] 05/22/19</u> | PCO #: <u>PCO-008</u> |
| | Building/Area: <u>Parking Garage</u> |

Change Order Reference Document:
 RFI #: 179 Bulletin #: _____ Other: _____

Description of Change:
Scope of Work

1. Provide 20' fiber patch cable between data room termination point (Provided by others) and FACP panel in electrical room
2. Add 18/2 cable to all notification devices for new voice circuit
3. Add CO detector to grade level pedestrian bridge with cabling
4. Add fire department blue light on grade level pedestrian bridge outdoor with cabling
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6. Add CO detector to level 3 pedestrian bridge with cabling
7. Add new NAC power supply in place of pedestrian bridge FACP
8. Provide JCI services for reconfiguration and programming of F/A System

Exclusions

1. Fiber, Patching, Jumpers, Connectors, Terminations from garage FACP to Operations FACP (Existing Simplex Panel) by others

Justification

Change Order Attachment List:

| | |
|-------------------------|---|
| 1. COR cover page | 4 |
| 2. COR Reference Doc | 5 |
| 3. Subcontractor backup | 6 |

Commercial Verification of Price:

| | |
|--|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations | 5 |
| 3 | 6 |

Schedule Impact:

| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | Days to Complete Added Scope: | | | | |
|---|---|----------------------------------|------------------------------------|----------|----------|
| | 10 | | | | |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime | <table border="1" style="font-size: small;"> <tr> <th>Current Contract Completion Date</th> <th>Adjusted Contract Completion Date:</th> </tr> <tr> <td align="center">03/12/20</td> <td align="center">03/12/20</td> </tr> </table> | Current Contract Completion Date | Adjusted Contract Completion Date: | 03/12/20 | 03/12/20 |
| Current Contract Completion Date | Adjusted Contract Completion Date: | | | | |
| 03/12/20 | 03/12/20 | | | | |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable | | | | | |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

Signatory Approval

Subcontractor: _____
 Name: _____ Title: _____ Date: _____

LeChase: _____
 Name: _____ Title: _____ Date: _____

Owner: _____
 Name: _____ Title: _____ Date: _____

_____ Name: _____ Title: _____ Date: _____

Request Termination:

Voided Explanation: _____

Denied



BUILDING SYSTEMS QUOTATION

PAGE 1 OF 7
DATE: October 2, 2019

TO: nrastructure
5 Enterprise Avenue
Clifton Park, NY 12065

PROJECT: AIA – Parking Garage
Ref#: 101428774

WE ARE PLEASED TO QUOTE THE FOLLOWING:

Addendum 7 Fire Alarm adds - Voice Evacuation
and Networking into the Terminal \$ 36,000.00

The above quotation includes the cost adder from Addendum 7 documents and the answered RFI.

Based on Addendum 7 and our meeting at AIA, the FA System is a Voice Evacuation system and will be networked into the Main Terminal FACP in OPS via single fiber modem.

All fiber optic cabling, patch cables, patch cords and connections by others.

The above quotation does not include installation but includes final control connections and assistance in testing of the system by a SimplexGrinnell technician.

All installation of above equipment and any associated back boxes, wire, conduit and raceway provided by others.

All engineering, submittals, shop drawings, functional acceptance test and full customer training included.

The above quotation is valid for (30) thirty days and is based upon acceptance of delivery within (1) one year.

Warranty is 1 year.

The above quotation does not include sales or applicable use tax.



1399 Vischer Ferry Rd
 CLIFTON PARK, NY 12065-6325
 (518) 952 6040
 FAX: (518) 383 4708

Johnson Controls Material List (THIS IS NOT A PRICE QUOTATION)

TO:
 e.nfrastructure Technologies
 5 Enterprise Ave
 dba nfrastructure
 CLIFTON PARK, NY 12065-3423

Project: AIA - Par. Gar - FA Voice/Ntwr
 Customer Reference:
 Johnson Controls Reference: 101429160
 Date: 10/03/2019
 Page 1 of 3

| QUANTITY | MODEL NUMBER | DESCRIPTION |
|----------|--------------|--------------------------------|
| | | FA System |
| | | Garage 4100ES |
| 1 | 4100-9111 | 4100ES PRECONFIG DOMESTIC 120V |
| 2 | 4100-0011 | FACTORY USE ONLY-AUDIO SHIPKIT |
| 1 | 4100-0621 | ANALOG AUDIO RISER MODULE |
| 1 | 4100-0623 | NETWORK AUDIO INTERFACE MODULE |
| 2 | 4100-0634 | POWER DISTRIBUTION MODULE 120V |
| 1 | 4100-0636 | BOX TO BOX HARNESS KIT |
| 1 | 4100-0637 | AUDIO BOX TO BOX HARNESS KIT |
| 1 | 4100-1240 | AUX AUDIO INPUT MODULE |
| 1 | 4100-1241 | MESSAGE EXPANSION, 8 MINUTES |
| 1 | 4100-1252 | AUDIO IF MODULE, SGL CHANNEL |
| 11 | 4100-1279 | 2 BLANK DISPLAY MODULE |
| 2 | 4100-1280 | 8 SWITCH, 8 RED LED MODULE |
| 1 | 4100-1288 | 64/64 LED/SWITCH CONTROLLER |
| 3 | 4100-1314 | 100W AMP W/6 B NACS 120VAC 25V |
| 4 | 4100-2300 | EXPANSION BAY (PHASE 10 ONLY) |
| 3 | 4100-2320 | AUDIO EXPANSION BAY |
| 1 | 4100-5013 | 8 POINT ZONE/RELAY MODULE |
| 2 | 4100-5101 | XPS POWER, 3 NACS, 120VAC |
| 2 | 4100-5128 | BATTERY DIST TERM MODULE |
| 2 | 4100-6056 | NETWORK MEDIA CARD WIRED |
| 1 | 4100-6072 | SM FIBER MODEM LEFT PORT |
| 1 | 4100-6073 | SM FIBER MODEM RIGHT PORT |
| 1 | 4100-6078 | NETWORK IFC CARD, MODULAR |
| 1 | 4100-9620 | BASIC AUDIO W/MIKE-ANALOG |
| 1 | 41002153 | INDICATOR ONLY 3 BAY GLASS |
| 1 | 41002163 | INDICATOR ONLY 3 BAY SOLID |
| 1 | 41007905 | FACTORY BUILT-MAIN CONFIGURED |
| 1 | 41007908 | SYSTEM WITHOUT DACT |
| | | FA System |
| | | FACP BB/Batt |
| 1 | 2975-9446 | 3 BAY BB/GDOOR/DRESS PNL PLAT |
| 1 | 2975-9452 | 3 BAY BOX& SOLID DOOR PLATINUM |
| 2 | 2081-9279 | BATTERY 110AH |
| 1 | ETHEDROP | ETHERNET-NETWORK COMPATIBLE |
| 1 | 2081-9280 | BATT CAB ONLY F/2081-9279 |
| | | Garage Sprinkler Pre-Action |
| 1 | 4090-9006 | SUP RELEASE PERIPH & ENCLOSURE |



Johnson Controls Material List (THIS IS NOT A PRICE QUOTATION)

| QUANTITY | MODEL NUMBER | DESCRIPTION |
|----------|--------------------------------|--------------------------------|
| 1 | 2081-9046 | 2 AMP COIL SUPERVISORY MODULE |
| 1 | 4010-9830 | SUP RELEASING APPLIQUE KIT |
| | Garage Initiating Devices | |
| 1 | 4099-9006 | STATION-LED, DA PUSH ADDR |
| 1 | 2975-9178 | BACKBOX MANUAL STATION |
| 14 | 2099-9139 | PULL STAT CAST D/A B LOCK SPST |
| 14 | 2975-9211 | WEATHERPROOF BOX FOR 2099-9138 |
| 15 | STI-1130 | STOPPER II |
| 10 | 4098-9714 | PHOTO SENSOR |
| 10 | 4098-9792 | SENSOR BASE |
| 1 | 4098-9733 | HEAT SENSOR |
| 1 | 4098-9792 | SENSOR BASE |
| 1 | CO1224T | CO DETECTOR W/TEST |
| 1 | 4090-9001 | SUPERVISED IAM |
| 1 | 4090-9810 | BRACKET, IAM |
| 4 | 4090-9002 | RELAY IAM |
| 1 | 4090-9010 | 8 AMP RELAY IAM MODULE |
| | Garage Notification Devices | |
| 4 | E70-24MCW-FR | 2W SPKR STR,SQ,WALL, 24VDC,15/ |
| 4 | IOB-R | BACKBOX,SURFACE,IN/OUT,RD |
| 55 | ET70WP-2475W-FR | 8W SPKR STR,WALL,WTHPRF,24 VDC |
| 55 | IOB-R | BACKBOX,SURFACE,IN/OUT,RD |
| 55 | WP-KIT | GASKET KIT FOR REAR WIRING TO |
| 5 | RSS-24MCW-FR | STR,WALL,24 VDC,15/30/75/110CD |
| 55 | IOB-R | BACKBOX,SURFACE,IN/OUT,RD |
| | Pedestrian Bridge Initiating D | |
| 4 | 4099-9006 | STATION-LED, DA PUSH ADDR |
| 4 | 2975-9178 | BACKBOX MANUAL STATION |
| 4 | STI-1100 | STOPPER II W/ HORN FLUSH MOUNT |
| 14 | 4098-9714 | PHOTO SENSOR |
| 14 | 4098-9792 | SENSOR BASE |
| 2 | 4098-9733 | HEAT SENSOR |
| 2 | 4098-9792 | SENSOR BASE |
| 2 | CO1224T | CO DETECTOR W/TEST |
| 2 | 4090-9001 | SUPERVISED IAM |
| 2 | 4090-9810 | BRACKET, IAM |
| 1 | DPFA | WP Push Button |
| 10 | 4090-9001 | SUPERVISED IAM |
| 10 | 4090-9810 | BRACKET, IAM |
| 10 | 4090-9807 | COVER-ADDRESS MODULE SURFACE |
| 4 | 4090-9002 | RELAY IAM |
| 1 | 4090-9010 | 8 AMP RELAY IAM MODULE |
| | Pedestrian Notification Dev. | |
| 1 | 4009-9201 | NAC EXTENDER 120VAC, IDNET |
| 2 | 2081-9274 | BATTERY 10AH |
| 4 | E70-24MCW-FR | 2W SPKR STR,SQ,WALL, 24VDC,15/ |
| 4 | IOB-R | BACKBOX,SURFACE,IN/OUT,RD |
| 1 | DPS | WP Blue Horn/Strobe |

Spares



Johnson Controls Material List (THIS IS NOT A PRICE QUOTATION)

| QUANTITY | MODEL NUMBER | DESCRIPTION |
|----------|-----------------------------------|---------------------------|
| 2 | 4098-9714 | PHOTO SENSOR |
| 2 | 4098-9733 | HEAT SENSOR |
| | Add to 4100NDU in OPS | |
| 1 | 4100-6061 | MODULAR NIC, REDUNDANT |
| 2 | 4100-6056 | NETWORK MEDIA CARD WIRED |
| 1 | 4100-6072 | SM FIBER MODEM LEFT PORT |
| 1 | 4100-6073 | SM FIBER MODEM RIGHT PORT |
| 1 | DPFA | DP FIRE ALARM |
| | Professional Services - FA System | |
| | CAD LAB | CAD LABOR |
| | PM LAB | PROJECT/CONSTRUCTION MGMT |
| | Technical Services - FA System | |
| | TECH LAB | TECHNICAL SERVICE |

Comments

See attached



TERMS AND CONDITIONS (Rev. 4/18)

1. Payment. Payments shall be invoiced and due in accordance with the terms and conditions set forth above. Work performed on a time and material basis shall be at Company's then-prevailing rate for material, labor, and related items, in effect at the time supplied under this Agreement. Company shall invoice Customer for progress payments to one hundred (100%) percent based upon equipment delivered or stored, and services performed. Customers without established satisfactory credit shall make payments of cash in advance, upon delivery or as otherwise specified by Company. Where Customer establishes and maintains satisfactory credit, payments shall be due and payable thirty (30) days from date of invoice. Company reserves the right to revoke or modify Customer's credit in its sole discretion. Customer's failure to make payment when due is a material breach of this Agreement. If Customer fails to make any payment when due, in addition to any other rights and remedies available, Company shall have the right, at Company's sole discretion, to stop performing any Services and/or withhold further deliveries of materials, until the account is current. In the event payment is not received when due, Company may, at its discretion, assess late fees at the rate of 1.5% per month or the maximum rate allowed by law. Customer agrees to pay all costs of collection, including without limitation costs, fees, and attorneys' fees. Customer's failure to make payment when due is a material breach of this Agreement until the account is current.

2. Pricing. The pricing set forth in this Agreement is based on the number of devices to be installed and services to be performed as set forth in the Scope of Work ("Equipment" and "Services"). If the actual number of devices installed or services to be performed is greater than that set forth in the Scope of Work, the price will be increased accordingly. If this Agreement extends beyond one year, Company may increase prices upon notice to the Customer. Customer agrees to pay all taxes, permits, and other charges, including but not limited to state and local sales and excise taxes, however designated, levied or based on the service charges pursuant to this Agreement. Prices in any quotation or proposal from Company are subject to change upon notice sent to Customer at any time before the quotation or proposal has been accepted. Prices for products covered may be adjusted by Company, upon notice to Customer at any time prior to shipment, to reflect any increase in Company's cost of raw materials (e.g., steel, aluminum) incurred by Company after issuance of Company's applicable proposal or quotation.

3. Alarm Monitoring Services. Any reference to alarm monitoring services in this Agreement is included for pricing purposes only. Alarm monitoring services are performed pursuant to the terms and conditions of Company's standard alarm monitoring services agreement.

4. Code Compliance. Company does not undertake an obligation to inspect for compliance with laws or regulations unless specifically stated in the Scope of Work. Customer acknowledges that the Authority Having Jurisdiction (e.g. Fire Marshal) may establish additional requirements for compliance with local codes. Any additional services or equipment required will be provided at an additional cost to Customer.

5. Limitation of Liability; Limitations of Remedy. It is understood and agreed by the Customer that Company is not an insurer and that insurance coverage shall be obtained by the Customer and that amounts payable to company hereunder are based upon the value of the services and the scope of liability set forth in this Agreement and are unrelated to the value of the Customer's property and the property of others located on the premises. Customer agrees to look exclusively to the Customer's insurer to recover for injuries or damage in the event of any loss or injury and that Customer releases and waives all right of recovery against Company arising by way

of subrogation. Company makes no guaranty or Warranty, including any implied warranty of merchantability or fitness for a particular purpose that equipment or services supplied by Company will detect or avert occurrences or the consequences therefrom that the equipment or service was designed to detect or avert. It is impractical and extremely difficult to fix the actual damages, if any, which may proximately result from failure on the part of Company to perform any of its obligations under this Agreement. Accordingly, Customer agrees that, Company shall be exempt from liability for any loss, damage or injury arising directly or indirectly from occurrences, or the consequences therefrom, which the equipment or service was designed to detect or avert. Should Company be found liable for any loss, damage or injury arising from a failure of the equipment or service in any respect, Company's liability shall be limited to an amount equal to the Agreement price (as increased by the price for any additional work) or where the time and material payment term is selected, Customer's time and material payments to Company. Where this Agreement covers multiple sites, liability shall be limited to the amount of the payments allocable to the site where the incident occurred. Such sum shall be complete and exclusive. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY DAMAGE, LOSS, INJURY, OR ANY OTHER CLAIM ARISING FROM ANY SERVICING, ALTERATIONS, MODIFICATIONS, CHANGES, OR MOVEMENTS OF THE COVERED SYSTEM(S) OR ANY OF ITS COMPONENT PARTS BY THE CUSTOMER OR ANY THIRD PARTY. COMPANY SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO DAMAGES ARISING FROM THE USE, LOSS OF THE USE, PERFORMANCE, OR FAILURE OF THE COVERED SYSTEM(S) TO PERFORM. The limitations of liability set forth in this Agreement shall inure to the benefit of all parents, subsidiaries and affiliates of company, whether direct or indirect, company's employees, agents, officers and directors.

6. Reciprocal Waiver of Claims (SAFETY Act). Certain of Company's systems and services have received Certification and/or Designation as Qualified Anti-Terrorism Technologies ("QATT") under the Support Anti-Terrorism by Fostering Effective Technologies Act of 2002, 6 U.S.C. §§ 441-444 (the "SAFETY Act"). As required under 6 C.F.R. 25.5 (e), to the maximum extent permitted by law, Company and Customer hereby agree to waive their right to make any claims against the other for any losses, including business interruption losses, sustained by either party or their respective employees, resulting from an activity resulting from an "Act of Terrorism" as defined in 6 C.F.R. 25.2, when QATT have been deployed in defense against, response to, or recovery from such Act of Terrorism.

7. General Provisions. Customer has selected the service level desired after considering and balancing various levels of protection afforded, and their related costs. All work to be performed by Company will be performed during normal working hours of normal working days (8:00 a.m. - 5:00 p.m., Monday through Friday, excluding Company holidays), as defined by Company, unless additional times are specifically described in this Agreement. Company will perform the services described in the Scope of Work section ("Services") for one or more system(s) or equipment as described in the Scope of Work section or the listed attachments ("Covered System(s)"). The Customer shall promptly notify Company of any malfunction in the Covered System(s) which comes to Customer's attention. This Agreement assumes the Covered System(s) are in operational and maintainable condition as of the Agreement date. If, upon initial inspection, Company determines that repairs are recommended, repair charges will be submitted for

approval prior to any work. Should such repair work be declined Company shall be relieved from any and all liability arising therefrom. UNLESS OTHERWISE SPECIFIED IN THIS AGREEMENT, ANY INSPECTION (AND, IF SPECIFIED, TESTING) PROVIDED UNDER THIS AGREEMENT DOES NOT INCLUDE ANY MAINTENANCE, REPAIRS, ALTERATIONS, REPLACEMENT OF PARTS, OR ANY FIELD ADJUSTMENTS WHATSOEVER, NOR DOES IT INCLUDE THE CORRECTION OF ANY DEFICIENCIES IDENTIFIED BY COMPANY TO CUSTOMER. COMPANY SHALL NOT BE RESPONSIBLE FOR EQUIPMENT FAILURE OCCURRING WHILE COMPANY IS IN THE PROCESS OF FOLLOWING ITS INSPECTION TECHNIQUES, WHERE THE FAILURE ALSO RESULTS FROM THE AGE OR OBSOLESCENCE OF THE ITEM OR DUE TO NORMAL WEAR AND TEAR. THIS AGREEMENT DOES NOT COVER SYSTEMS, EQUIPMENT, COMPONENTS OR PARTS THAT ARE BELOW GRADE, BEHIND WALLS OR OTHER OBSTRUCTIONS OR EXTERIOR TO THE BUILDING, ELECTRICAL WIRING, AND PIPING.

8. Customer Responsibilities. Customer shall furnish all necessary facilities for performance of its work by Company, adequate space for storage and handling of materials, light, water, heat, heat tracing, electrical service, local telephone, watchman, and crane and elevator service and necessary permits. Where wet pipe system is installed, Customer shall supply and maintain sufficient heat to prevent freezing of the system. Customer shall promptly notify Company of any malfunction in the Covered System(s) which comes to Customer's attention. This Agreement assumes any existing system(s) are in operational and maintainable condition as of the Agreement date. If, upon initial inspection, Company determines that repairs are recommended, repair charges will be submitted for approval prior to any work. Should such repair work be declined Company shall be relieved from any and all liability arising therefrom. Customer shall further:

- supply required schematics and drawings unless they are to be supplied by Company in accordance with this Agreement;
- Provide a safe work environment. In the event of an emergency or Covered System(s) failure, take reasonable safety precautions to protect against personal injury, death, and property damage, continue such measures until the Covered System(s) are operational, and notify Company as soon as possible under the circumstances.
- Provide Company access to any system(s) to be serviced,
- Comply with all laws, codes, and regulations pertaining to the equipment and/or services provided under this agreement.

9. Excavation. In the event the Work includes excavation, Customer shall pay, as an extra to the contract price, the cost of any additional work performed by Company due to water, quicksand, rock or other unforeseen condition or obstruction encountered or shoring required.

10. Structure and Site Conditions. While employees of Company will exercise reasonable care in this respect, Company shall be under no responsibility for loss or damage due to the character, condition or use of foundations, walls, or other structures not erected by it or resulting from the excavation in proximity thereto, or for damage resulting from concealed piping, wiring, fixtures, or other equipment or condition of water pressure. All shoring or protection of foundation, walls or other structures subject to being disturbed by any excavation required hereunder shall be the responsibility of Customer. Customer shall have all things in readiness for installation including, without limitation, structure to support the sprinkler system and related equipment (including tanks), other materials, floor or suitable working base, connections and facilities for erection at the time the materials are delivered. In the event Customer fails to have all things in readiness at the time scheduled for receipt of materials, Customer shall reimburse Company for all expenses caused by such failure. Failure to make areas



available to Company during performance in accordance with schedules that are the basis for Company's proposal shall be considered a failure to have things in readiness in accordance with the terms of this Agreement.

11. Confined Space. If access to confined space by Company is required for the performance of Services, Services shall be scheduled and performed in accordance with Company's then-current hourly rate.

12. Hazardous Materials. Customer represents that, except to the extent that Company has been given written notice of the following hazards prior to the execution of this Agreement, to the best of Customer's knowledge there is no:

- "permit confined space," as defined by OSHA,
- risk of infectious disease,
- need for air monitoring, respiratory protection, or other medical risk,
- asbestos, asbestos-containing material, formaldehyde or other potentially toxic or otherwise hazardous material contained in or on the surface of the floors, walls, ceilings, insulation or other structural components of the area of any building where work is required to be performed under this Agreement.

All of the above are hereinafter referred to as "Hazardous Conditions". Company shall have the right to rely on the representations listed above. If hazardous conditions are encountered by Company during the course of Company's work, the discovery of such materials shall constitute an event beyond Company's control and Company shall have no obligation to further perform in the area where the hazardous conditions exist until the area has been made safe by Customer as certified in writing by an independent testing agency, and Customer shall pay disruption expenses and re-mobilization expenses as determined by Company. This Agreement does not provide for the cost of capture, containment or disposal of any hazardous waste materials, or hazardous materials, encountered in any of the Covered System(s) and/or during performance of the Services. Said materials shall at all times remain the responsibility and property of Customer. Company shall not be responsible for the testing, removal or disposal of such hazardous materials.

13. OSHA Compliance. Customer shall indemnify and hold Company harmless from and against any and all claims, demands and/or damages arising in whole or in part from the enforcement of the Occupational Safety Health Act (and any amendments or changes thereto) unless said claims, demands or damages are a direct result of causes within the exclusive control of Company.

14. Interferences. Customer shall be responsible to coordinate the work of other trades (including but not limited to ducting, piping, and electrical) and for and additional costs incurred by Company arising out of interferences to Company's work caused by other trades.

15. Modifications and Substitutions. Company reserves the right to modify materials, including substituting materials of later design, providing that such modifications or substitutions will not materially affect the performance of the Covered System(s).

16. Changes, Alterations, Additions. Changes, alterations and additions to the Scope of Work, plans, specifications or construction schedule shall be invalid unless approved in writing by Company. Should changes be approved by Company, that increase or decrease the cost of the work to Company, the parties shall agree, in writing, to the change in price prior to performance of any work. However, if no agreement is reached prior to the time for performance of said work, and Company elects to perform said work so as to avoid delays, then Company's estimate as to the value of said work shall be deemed accepted by Customer. In addition, Customer shall pay for all extra work requested by Customer or made necessary because of incompleteness or inaccuracy of plans or other information submitted by Customer with respect to the location, type of occupancy, or other details of the work to be performed. In the event the layout of Customer's facilities has been altered, or is altered by Customer prior to the completion of the Work,

Customer shall advise Company, and prices, delivery and completion dates shall be changed by Company as may be required.

17. Commodities Availability. Company shall not be responsible for failure to provide services, deliver products, or otherwise perform work required by this Agreement due to lack of available steel products or products made from plastics or other commodities. In the event Company is unable, after reasonable commercial efforts, to acquire and provide steel products, or products made from plastics or other commodities, if required to perform work required by this Agreement, Customer hereby agrees that Company may terminate the Agreement, or the relevant portion of the Agreement, at no additional cost and without penalty. Customer agrees to pay Company in full for all work performed up to the time of any such termination.

18. Project Claims. Any claim of failure to perform against Company arising hereunder shall be deemed waived unless received by Company, in writing specifically setting forth the basis for such claim, within ten (10) days after such claims arises.

19. Backcharges. No charges shall be levied against Company unless seventy-two (72) hours prior written notice is given to Company to correct any alleged deficiencies which are alleged to necessitate such charges and unless such alleged deficiencies are solely and directly caused by Company.

20. System Equipment. The purchase of equipment or peripheral devices (including but not limited to smoke detectors, passive infrared detectors, card readers, sprinkler system components, extinguishers and hoses) from Company shall be subject to the terms and conditions of this Agreement. If, in Company's sole judgment, any peripheral device or other system equipment, which is attached to the Covered System(s), whether provided by Company or a third party, interferes with the proper operation of the Covered System(s), Customer shall remove or replace such device or equipment promptly upon notice from Company. Failure of Customer to remove or replace the device shall constitute a material breach of this Agreement. If Customer adds any third party device or equipment to the Covered System(s), Company shall not be responsible for any damage to or failure of the Covered System(s) caused in whole or in part by such device or equipment.

21. Reports. Where inspection and/or test services are selected, such inspection and/or test shall be completed on Company's then current Report form, which shall be given to Customer, and, where applicable, Company may submit a copy thereof to the local authority having jurisdiction. The Report and recommendations by Company are only advisory in nature and are intended to assist Customer in reducing the risk of loss to property by indicating obvious defects or impairments noted to the system and equipment inspected and/or tested. They are not intended to imply that no other defects or hazards exist or that all aspects of the Covered System(s), equipment, and components are under control at the time of inspection. Final responsibility for the condition and operation of the Covered System(s) and equipment and components lies with Customer.

22. Limited Warranty. Subject to the limitations below, Company warrants any equipment (as distinguished from the Software) installed pursuant to this Agreement to be free from defects in material and workmanship under normal use for a period of one (1) year from the date of first beneficial use or all or any part of the Covered System(s) or 18 months after Equipment shipments, whichever is earlier, provided however, that Company's sole liability, and Customer's sole remedy, under this limited warranty shall be limited to the repair or replacement of the Equipment or any part thereof, which Company determines is defective, at Company's sole option and subject to the availability of service personnel and parts, as determined by Company. Company warrants expendable items, including, but not limited to, video and print heads, television camera tubes, video monitor displays tubes, batteries and certain other products in accordance with the applicable manufacturer's warranty. Company does not warrant devices designed to fail in

protecting the System, such as, but not limited to, fuses and circuit breakers. Company warrants that any Company software described in this Agreement, as well as software contained in or sold as part of any Equipment described in this Agreement, will reasonably conform to its published specifications in effect at the time of delivery and for ninety (90) days after delivery. However, Customer agrees and acknowledges that the software may have inherent defects because of its complexity. Company's sole obligation with respect to software, and Customer's sole remedy, shall be to make available published modifications, designed to correct inherent defects, which become available during the warranty period. If Repair Services are included in this Agreement, Company warrants that its workmanship and material for repairs made pursuant to this Agreement will be free from defects for a period of ninety (90) days from the date of furnishing.

EXCEPT AS EXPRESSLY SET FORTH HEREIN, COMPANY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES PERFORMED OR THE PRODUCTS, SYSTEMS OR EQUIPMENT, IF ANY, SUPPORTED HEREUNDER.

Warranty service will be performed during Company's normal working hours. If Customer requests warranty service at other than normal working hours, service will be performed at Company's then current rates for after hours services. All repairs or adjustments that are or may become necessary shall be performed by and authorized representative of Company. Any repairs, adjustments or interconnections performed by Customer or any third party shall void all warranties.

23. Indemnity. Customer agrees to indemnify, hold harmless and defend Company against any and all losses, damages, costs, including expert fees and costs, and expenses including reasonable defense costs, arising from any and all third party claims for personal injury, death, property damage or economic loss, including specifically any damages resulting from the exposure of workers to Hazardous Conditions whether or not Customer pre-notifies Company of the existence of said hazardous conditions, arising in any way from any act or omission of Customer or Company relating in any way to this Agreement, including but not limited to the Services under this Agreement, whether such claims are based upon contract, warranty, tort (including but not limited to active or passive negligence), strict liability or otherwise. Company reserves the right to select counsel to represent it in any such action.

24. Insurance. Customer shall name Company, its officers, employees, agents, subcontractors, suppliers, and representatives as additional insureds on Customer's general liability and auto liability policies.

25. Termination. Any termination under the terms of this Agreement shall be made in writing. In the event Customer terminates this Agreement prior to completion for any reason not arising solely from Company's performance or failure to perform, Customer understands and agrees that Company will incur costs of administration and preparation that are difficult to estimate or determine. Accordingly, should Customer terminate this Agreement as described above, Customer agrees to pay all charges incurred for products and equipment installed and services performed, and in addition pay an amount equal to twenty (20%) percent of the price of products and equipment not yet delivered and Services not yet performed, return all products and equipment delivered and pay a restocking fee of twenty (20%) percent the price of products or equipment returned. Company may terminate this Agreement immediately at its sole discretion upon the occurrence of any Event of Default as hereinafter defined. Company may also terminate this Agreement at its sole discretion upon notice to Customer if Company's performance of its obligations under this Agreement becomes impracticable due to obsolescence of equipment at Customer's premises or unavailability of parts.

26. Default. An Event of Default shall be 1) failure of the Customer to pay any amount within ten (10) days after the



amount is due and payable, 2) abuse of the System or the Equipment, 3) dissolution, termination, discontinuance, insolvency or business failure of Customer. Upon the occurrence of an Event of Default, Company may pursue one or more of the following remedies, 1) discontinue furnishing Services, 2) by written notice to Customer declare the balance of unpaid amounts due and to become due under the this Agreement to be immediately due and payable, provided that all past due amounts shall bear interest at the rate of 1 1/2% per month (18% per year) or the highest amount permitted by law, 3) receive immediate possession of any equipment for which Customer has not paid. 4) proceed at law or equity to enforce performance by Customer or recover damages for breach of this Agreement, and 5) recover all costs and expenses, including without limitation reasonable attorneys' fees, in connection with enforcing or attempting to enforce this Agreement.

27. Exclusions. Unless expressly included in the Scope of Work, this Agreement expressly excludes, without limitation, testing inspection and repair of duct detectors, beam detectors, and UV/IR equipment; provision of fire watches; clearing of ice blockage; draining of improperly pitched piping; replacement of batteries; recharging of chemical suppression systems; reloading of, upgrading, and maintaining computer software; system upgrades and the replacement of obsolete systems, equipment, components or parts; making repairs or replacements necessitated by reason of negligence or misuse of components or equipment or changes to Customer's premises, vandalism, corrosion (including but not limited to micro-bacterially induced corrosion ("MIC")), power failure, current fluctuation, failure due to non-Company installation, lightning, electrical storm, or other severe weather, water, accident, fire, acts of God or any other cause external to the Covered System(s). Repair Services provided pursuant to this Agreement do not cover and specifically excludes system upgrades and the replacement of obsolete systems, equipment, components or parts. All such services may be provided by Company at Company's sole discretion at an additional charge. If Emergency Services are expressly included in the scope of work section, the Agreement price does not include travel expenses.

28. No Option to Solicit. Customer shall not, directly or indirectly, on its own behalf or on behalf of any other person, business, corporation or entity, solicit or employ any Company employee, or induce any Company employee to leave his or her employment, for a period of two years after termination of this Agreement.

29. Force Majeure; Delays. Company shall not be liable for any damage or penalty for delays or failure to perform work due to acts of God, acts or omissions of Customer, acts of civil or military authorities, Government regulations or priorities, fires, epidemics, quarantine, restrictions, war, riots, civil disobedience or unrest, strikes, delays in transportation, vehicle shortages, differences with workmen, inability to obtain necessary labor, material or manufacturing facilities, defaults of Company's subcontractors, failure or delay in furnishing complete information by Customer with respect to location or other details of work to be performed, impossibility or impracticability of performance or any other cause or causes beyond Company's control, whether or not similar to the foregoing. In the event of any delay caused as aforesaid, completion shall be extended for a period equal to any such delay, and this contract shall not be void or voidable as a result of the delay. In the event work is temporarily discontinued by any of the foregoing, all unpaid installments of the contract price, less an amount equal to the value of material and labor not furnished, shall be due and payable upon receipt of invoice by Customer.

30. One-Year Limitation on Actions; Choice of Law. It is agreed that no suit, or cause of action or other proceeding shall be brought against either party more than one (1) year after the accrual of the cause of action or one (1) year after the claim arises, whichever is shorter, whether known or unknown when the claim arises or whether based on tort, contract, or any other legal theory. The laws of Massachusetts shall govern the validity, enforceability, and interpretation of this Agreement.

31. Assignment. Customer may not assign this Agreement without Company's prior written consent. Company may assign this Agreement to an affiliate without obtaining Customer's consent.

32. Entire Agreement. The parties intend this Agreement,

together with any attachments or Riders (collectively the "Agreement") to be the final, complete and exclusive expression of their Agreement and the terms and conditions thereof. This Agreement supersedes all prior representations, understandings or agreements between the parties, written or oral, and shall constitute the sole terms and conditions of sale for all equipment and services. No waiver, change, or modification of any terms or conditions of this Agreement shall be binding on Company unless made in writing and signed by an Authorized Representative of Company.

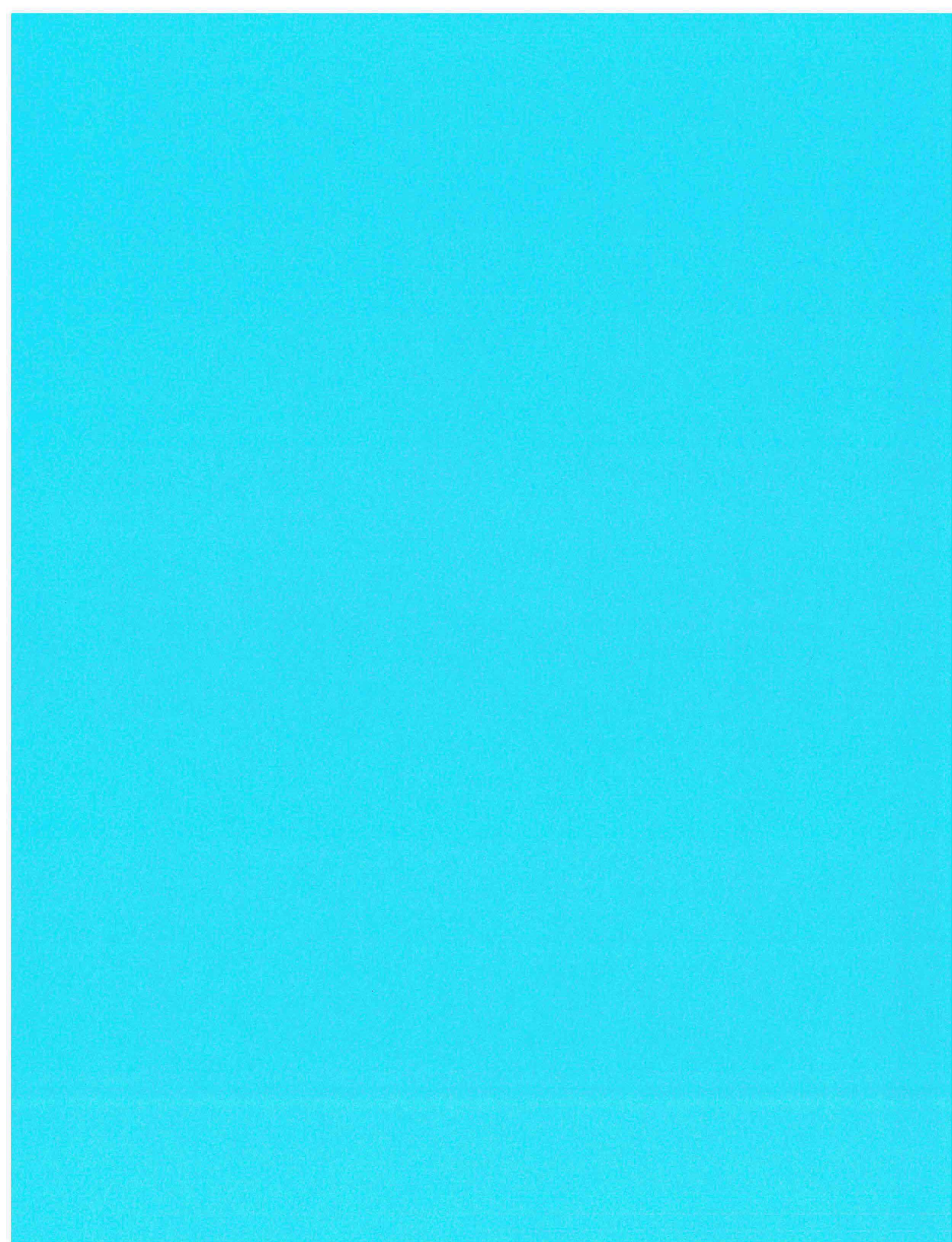
33. Severability. If any provision of this Agreement is held by any court or other competent authority to be void or unenforceable in whole or in part, this Agreement will continue to be valid as to the other provisions and the remainder of the affected provision.

34. Legal Fees. Company shall be entitled to recover from the customer all reasonable legal fees incurred in connection with Company enforcing the terms and conditions of this Agreement.

35. License Information (Security System Customers): AL Alabama Electronic Security Board of Licensure 7956 Vaughn Road, Pmb 392, Montgomery, Alabama 36116 (334) 264-9388; AR Regulated by: Arkansas Board of Private Investigators And Private Security Agencies, #1 State Police Plaza Drive, Little Rock 72209 (501)618-8800; CA Alarm company operators are licensed and regulated by the Bureau of Security and Investigative Services, Department of Consumer Affairs, Sacramento, CA, 95814. Upon completion of the installation of the alarm system, the alarm company shall thoroughly instruct the purchaser in the proper use of the alarm system. Failure by the licensee, without legal excuse, to substantially commence work within 20 days from the approximate date specified in the agreement when the work will begin is a violation of the Alarm Company Act: NY Licensed by N.Y.S. Department of the State: TX Texas Commission on Private Security, 5805 N. Lamar Blvd., Austin, 78752-4422, 512-424-7710. License numbers available at www.jci.com or contact your local Johnson Controls office.

| | |
|--|---|
| Offered By: Johnson Controls Fire Protection LP License#: 12000262690 1399 Vischer Ferry Rd CLIFTON PARK, NY 12065-6325 Telephone: (518) 952-6040 Fax: 518-383-4708 Representative: <u>Karl Bach</u> Email: <u>kbach@simplexgrinnell.com</u> | Accepted By: (Customer) Company: _____ Address: _____ Signature: _____ Title: _____ P.O.#: _____ Date: _____ |
|--|---|

Fire, Security, Communications, Sales & Service
 Offices & Representatives in Principal Cities throughout North America



Change Order Request

LeChase Construction Services, LLC
220 Harborside Drive, Suite 301
Schenectady, NY 12305
Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : **44 - PCO 072 - RFI 88**

Description of Change: This COR is for all additional work associated with RFI 88 as directed by the design team. No time extension required.

| Description | Scope of Work | Cost |
|-----------------------------|---------------------------------------|------------------------|
| Plumbing & HVAC | | 4,392.00 |
| | Subtotal of Costs | <u>4,392.00</u> |
| Change Order Add Ons | | |
| | Fee | 232.80 |
| | GL Insurance | 47.00 |
| | P&P Bond | 28.20 |
| | Total For Change Order Request | <u><u>4,700.00</u></u> |

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Change Order Request



C.O.R. # 052392-95-001 Rev3

G.C. #

Date: 7/21/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

To: LeChase Construction Services - Schenectady
Attn: Zac Johnson
1473 Erie Blvd.

Schenectady, NY 12305

From: Postler & Jaeckle Corp.
Jesse Gorman
615 South Avenue
Rochester, NY 14620-1385

Phone: (518) 388-9200 **Fax:** (518) 388-9206

Phone: (585) 546-7450 **Fax:** (585) 546-4316

We hereby propose to make the following changes:

Roof Drain at C7 Per RFI-088 Response

Revision #2 12/10/19
Provide Credit for Base Bid Roof Drain.

Revision #3 12/16/19
Provide Credit for Base Bid Roof Drain Labor

Change Order Price \$4,392.00

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 0 days in conjunction with this change.

Jesse Gorman 7/21/2019

Author Date Sent

Accepted The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

Authorized Signature Date of Acceptance

Change Order Request



C.O.R. # 052392-95-001 Rev3

G.C. #

Date: 7/21/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

Labor

| Labor Type | Man Hrs | \$/Hr | Burden | Fringe | TotalTax | Sub Total | Markup | | Total Labor |
|---------------------|---------|---------|--------|--------|----------|---------------|--------|---------------|-------------------|
| | | | | | | | % | Amount | |
| Pipefitter Mechanic | -22.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | (\$2,090.00) | 0.00% | \$0.00 | (\$2,090.00) |
| Pipefitter Mechanic | 52.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | \$4,940.00 | 0.00% | \$0.00 | \$4,940.00 |
| Roof Drain Labor | -3.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | (\$285.00) | 0.00% | \$0.00 | (\$285.00) |
| Sub Total | | | | | | \$0.00 | | \$0.00 | \$2,565.00 |
| Grand Total | | | | | | \$0.00 | | \$0.00 | \$2,565.00 |

Materials

| Materials | Quantity | Cost | TotalTax | Sub Total | Markup | | Total Materials |
|------------------------------|----------|------------|----------|---------------|-------------------|-------------------|-------------------|
| | | | | | % | Amount | |
| Base Bid (Deduct) | 1.00 | (\$278.00) | \$0.00 | (\$278.00) | 10.00% | (\$27.80) | (\$305.80) |
| RFI-088 Response (Add) | 1.00 | \$2,094.00 | \$0.00 | \$2,094.00 | 10.00% | \$209.40 | \$2,303.40 |
| Base Bid Roof Drain (Deduct) | 1.00 | (\$155.00) | \$0.00 | (\$155.00) | 10.00% | (\$15.50) | (\$170.50) |
| Sub Total | | | | \$0.00 | \$1,661.00 | \$166.10 | \$1,827.10 |
| Grand Total | | | | \$0.00 | \$1,661.00 | \$166.10 | \$1,827.10 |
| Total | | | | | | \$4,392.10 | |
| Total | | | | | | \$4,392.00 | |

Change Order Request

LeChase Construction Services, LLC
 220 Harborside Drive, Suite 301
 Schenectady, NY 12305
 Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 44 - PCO 072 - RFI 88

Description of Change: This COR is for all additional work associated with RFI 88 as directed by the design team. No time extension required.

| Description | Scope of Work | Cost |
|-----------------------------|---------------------------------------|-----------------|
| Plumbing & HVAC | | 4,677.00 |
| | Subtotal of Costs | 4,677.00 |
| Change Order Add Ons | | |
| | Fee | 233.16 |
| | GL Insurance | 49.90 |
| | P&P Bond | 29.94 |
| | Total For Change Order Request | 4,990.00 |

Credit Provided for 4" Drain as requested on 12/5.

credit for installation not provided

VOID

| | | |
|---------------------------------|------------------------------------|----------------------|
| Albany County Airport Authority | LeChase Construction Services, LLC | Other: If Applicable |
| Print: _____ | Print: _____ | Print: _____ |
| Signed: _____ | Signed: _____ | Signed: _____ |
| Date: _____ | Date: _____ | Date: _____ |

Change Order Request



C.O.R. # 052392-95-001 Rev2

G.C. #

Date: 7/21/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

To: LeChase Construction Services - Schenectady
Attn: Zac Johnson
1473 Erie Blvd.

Schenectady, NY 12305

From: Postler & Jaeckle Corp.
Jesse Gorman
615 South Avenue
Rochester, NY 14620-1385

Phone: (518) 388-9200 **Fax:** (518) 388-9206

Phone: (585) 546-7450 **Fax:** (585) 546-4316

We hereby propose to make the following changes:

Roof Drain at C7 Per RFI-088 Response

Revision #2 12/10/19
Provide Credit for Base Bid Roof Drain.

Change Order Price \$4,677.00

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 0 days in conjunction with this change.

Jesse Gorman 7/21/2019

Author Date Sent

Accepted The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

Authorized Signature Date of Acceptance

Change Order Request



C.O.R. # 052392-95-001 Rev2

G.C. #

Date: 7/21/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

Labor

| Labor Type | Man Hrs | \$/Hr | Burden | Fringe | TotalTax | Sub Total | Markup | | Total Labor |
|---------------------|---------|---------|--------|--------|----------|--------------|------------|--------|--------------|
| | | | | | | | % | Amount | |
| Pipefitter Mechanic | -22.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | (\$2,090.00) | 0.00% | \$0.00 | (\$2,090.00) |
| Pipefitter Mechanic | 52.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | \$4,940.00 | 0.00% | \$0.00 | \$4,940.00 |
| Sub Total | | | | | | \$0.00 | \$2,850.00 | \$0.00 | \$2,850.00 |
| Grand Total | | | | | | \$0.00 | \$2,850.00 | \$0.00 | \$2,850.00 |

Materials

| Materials | Quantity | Cost | TotalTax | Sub Total | Markup | | Total Materials |
|------------------------------|----------|------------|----------|------------|------------|-----------|-------------------|
| | | | | | % | Amount | |
| Base Bid (Deduct) | 1.00 | (\$278.00) | \$0.00 | (\$278.00) | 10.00% | (\$27.80) | (\$305.80) |
| RFI-088 Response (Add) | 1.00 | \$2,094.00 | \$0.00 | \$2,094.00 | 10.00% | \$209.40 | \$2,303.40 |
| Base Bid Roof Drain (Deduct) | 1.00 | (\$155.00) | \$0.00 | (\$155.00) | 10.00% | (\$15.50) | (\$170.50) |
| Sub Total | | | | \$0.00 | \$1,661.00 | \$166.10 | \$1,827.10 |
| Grand Total | | | | \$0.00 | \$1,661.00 | \$166.10 | \$1,827.10 |
| Total | | | | | | | \$4,677.10 |
| Total | | | | | | | \$4,677.00 |

F.W. Webb Company
 17 Erie Boulevard
 Albany, NY 12204-2589
 TEL# (518-472-9322)
 FAX# (518-472-9399)

Quote
 Number
 Date 08/15/19
 64151899

To:
 POSTLER & JAECKLE CORP

 615 SOUTH AVE
 ROCHESTER NY 14620-1385

POSTLER & JAECKLE
 9 KREY BLVD
 BACK OF BLDG - LEFT HAND GARAG
 RENSSELAER, NY 12144
 SCH 40

(518-459-2020) Fax# (518-459-2622)

Cust # 154499 Customer Po# ALBANY INTERNATIONAL AI Rel# Writer CNASH Date Req 08/15/19

**BASE BID MATERIAL
 DEDUCT**

PAGE 1 OF 1

Quoted By: CNASH

| Quantity | Description | Net Price | Exten | Ln# |
|------------|---|-----------|--------|------|
| 4 | RSR CLMP 4" CS PLN HGR4RISER (11643) | 4.850 | 19.40 | (1) |
| 120 | PIPE WHT PVC 4"x20' S40 PE P/P4DWV (15266) | 1.540 | 184.80 | (2) |
| 1 | C/O TEE W/PLG 4" PVC HxH 444X PVC4DCO (36303) | 10.560 | 10.56 | (3) |
| 2 | WYE 4" PVC HUB 600 PVC4Y (36307) | 9.640 | 19.28 | (4) |
| 2 | ELL LS 90DEG 4" PVC HxH 304 PVC4LS90 (36211) | 7.060 | 14.12 | (5) |
| 3 | ELL 45DEG 4" PVC HxH 321 PVC445 (36223) | 4.770 | 14.31 | (6) |
| 2 | * CPLG FLEX 4" PLS or CI FLEX PVC FER1056-44 (48596) | 7.700 | 15.40 | (7) |
| Sub Total: | | | 277.87 | |
| Total: | | | 277.87 | |

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
 PLEASE REFERENCE QUOTE # 64151899 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

F.W. Webb Company
17 Erie Boulevard
Albany, NY 12204-2589
TEL# (518-472-9322)
FAX# (518-472-9399)

Quote
Number
Date
12/10/19 65599308

To:
POSTLER & JAECKLE CORP

615 SOUTH AVE
ROCHESTER NY 14620-1385

POSTLER & JAECKLE
9 KREY BLVD
BACK OF BLDG - LEFT HAND GARAG
RENSSELAER, NY 12144
Y AIRPORT ROOF DRAIN

(518-459-2020) Fax# (518-459-2622)

| | | | | |
|--------|----------------|------|--------|----------|
| Cust # | Customer Po# | Rel# | Writer | Date Req |
| 154499 | Y MUST HAVE PO | | TGL | 12/10/19 |

PAGE 1 OF 1

Quoted By: TGL

BASE BID ROOF
DRAIN DEDUCT

| Quantity | Description | Net Price | Exten | Ln# |
|----------|--|------------|--------|------|
| 1 | RF DRN 15" LOW SIL TOP-SET DCK PLT 4" ZRNZ100-4NH-DP (268643) STOCK AT UPSTATE | 155.000 | 155.00 | (1) |
| | | Sub Total: | 155.00 | |
| | | Freight: | | |
| | | Total: | 155.00 | |

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
PLEASE REFERENCE QUOTE # 65599308 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

F.W. Webb Company
 17 Erie Boulevard
 Albany, NY 12204-2589
 TEL# (518-472-9322)
 FAX# (518-472-9399)

Quote
 Number
 Date 08/15/19
 64151155

To:
 POSTLER & JAECKLE CORP
 615 SOUTH AVE
 ROCHESTER NY 14620-1385

POSTLER & JAECKLE
 9 KREY BLVD
 BACK OF BLDG - LEFT HAND GARAG
 RENSSELAER, NY 12144
 SCH 80

(518-459-2020) Fax# (518-459-2622)

Cust # 154499 Customer Po# ALBANY INTERNATIONAL AI Rel# Writer CNASH Date Req 08/15/19

RFI-088 ADD

PAGE 1 OF 1

Quoted By: CNASH

| Quantity | Description | Net Price | Exten | Ln# |
|----------|--|-----------|---------|-------|
| 6 | * RSR CLMP 6" CS PLN HGR6RISER (11645) | 5.200 | 31.20 | (1) |
| 120 | PIPE GRY PVC 6"x20' S80 P/P6S80 (15286) | 5.310 | 637.20 | (2) |
| 20 | PIPE GRY PVC 4"x20' S80 P/P4S80 (15285) | 2.760 | 55.20 | (3) |
| 1 | #TEE 6" PVC S80 SXSXF + SPL802-060F (S3490953) | 117.470 | 117.47 | (4) |
| 1 | #PVC S80 6"THD PLUG 850-060 + PVP6MPL80 (S332328) | 74.350 | 74.35 | (5) |
| 1 | #LATERAL 6" SCH80 PVC SXS + PVP6YS80 (S263653) | 66.530 | 66.53 | (6) |
| 2 | WYE 6x4" PVC S80 SOC 875-532 PVP6X4SY80 (517411) | 79.360 | 158.72 | (7) |
| 2 | ELL 90DEG 6" PVC S80 LNG SWP SOC SPL806-060LSF (424301) | 87.880 | 175.76 | (8) |
| 2 | * ELL 45DEG 6" PVC S80 SOC 817-060 PVP6S4580 (16480) | 30.520 | 61.04 | (9) |
| 2 | * ELL 45DEG 4" PVC S80 SOC 817-040 PVP4S4580 (16479) | 24.230 | 48.46 | (10) |
| 1 | * CPLG FLEX 6" PLS or CI FLEX PVC FER1056-66 (48599) | 9.770 | 9.77 | (11) |
| 2 | * CPLG FLEX 4" PLS or CI FLEX PVC FER1056-44 (48596) | 7.700 | 15.40 | (12) |
| 1 | * BU PVC 6x4 SPGxSOC S80 837-532 PVP6X4SBU80 (43246) | 16.870 | 16.87 | (13) |
| | Sub Total: | | 1467.97 | |
| | Total: | | 1467.97 | |

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
 PLEASE REFERENCE QUOTE # 64151155 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

F.W. Webb Company
17 Erie Boulevard
Albany, NY 12204-2589
TEL# (518-472-9322)
FAX# (518-472-9399)

Quote
Number
Date
07/15/19 63779294

To:
POSTLER & JAECKLE CORP

615 SOUTH AVE
ROCHESTER NY 14620-1385

POSTLER & JAECKLE
9 KREY BLVD
BACK OF BLDG - LEFT HAND GARAG
RENSSELAER, NY 12144
ALBANY AIRPORT PARKING GARAGE

(518-459-2020) Fax# (518-459-2622)

Cust # 154499 Customer Po# Y MUST HAVE PO Rel# Writer TGL Date Req 07/15/19

RFI-088 ADD

PAGE 1 OF 1

Quoted By: TGL

| Quantity | Description | Net Price | Exten | Ln# |
|----------|--|-----------|--------|------|
| 1 | #6" NH ROOF DRAIN + ZRNZ100-6NH-DP-USA (S3709172) | 626.170 | 626.17 | (1) |

Sub Total: 626.17
Freight:
Total: 626.17

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
PLEASE REFERENCE QUOTE # 63779294 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.

Change Order Request

LeChase Construction Services, LLC
220 Harborside Drive, Suite 301
Schenectady, NY 12305
Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 44 - PCO 072 - RFI 88

Description of Change: This COR is for all additional work associated with RFI 88 as directed by the design team. No time extension required.

| Description | Scope of Work | Cost |
|-----------------|-----------------------------------|-----------------|
| Plumbing & HVAC | | 4,848.00 |
| | Subtotal of Costs | 4,848.00 |
| | Change Order Add Ons | |
| | Fee | 242.00 |
| | GL Insurance | 52.00 |
| | P&P Bond | 31.00 |
| | Total Change Order Request | 5,173.00 |

Original COR

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

COR Response Cover Sheet



| | |
|---|---|
| GENERAL CONTRACTOR: LeChase Construction Services, LLC 220 Harborside Dr. Suite 301 Schenectady, NY 12305 | Construction Manager: Turner Construction Company 1 Computer Drive South Albany, NY 12201 |
|---|---|

Albany Airport Parking Garage [989 GC]
Project # 1934006

Change Order Number: COR 44
Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

P&J-

1. This was addressed in a Pre Bid RFI in Addendum 3, why is this a change?
We did carry in our base bid what was mentioned in addendum 3 however, RFI-088 and RFI-084 have impacted this work. RFI-088 changed the size of the pipe and provided a basis of design for the roof drain while RFI-084 clarified the invert elevations. These changes have more to do with RFI's then addendum 3.
2. Provide labor breakdown.
See attached.

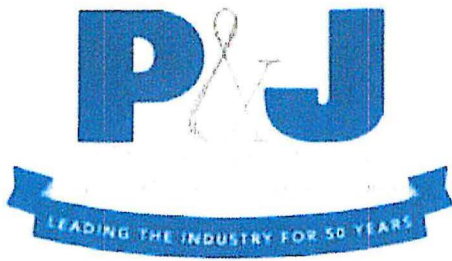
Provide Credit from Addendum 03
- Roof Drain Detail

Credit 4" Deck Drain + Installation

VOID

Dec 05, 2019

LeChase To Review w/ P&J For 4" Deck Drain



Subject: TAKE-OFF

DATE: 26-Jul-19

Job Name: 052392-098 ALBANY INTERNATIONAL AIRPORT PARKING GARAGE CHANGR ORDER (DEDUCT)

System: PLUMBING/ROOF DRAIN

Material: SCHEDULE 40 PVC DWV

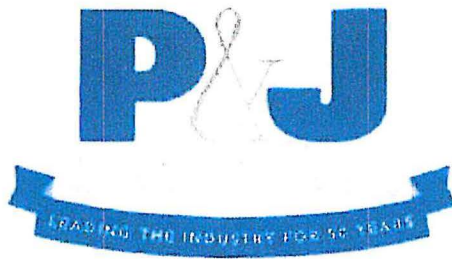
Fittings: SCHEDULE 40 PVC DWV

Joint: SOLVENT CEMENT

Takeoff By: LOREN YERDEN

Contact Number: (518) 321-4264 Page # 1 of 5

| Quantity | Description | UNIT | EXTENDED | LABOR | EXTENDED |
|------------|---------------------------------------|---------|----------|-------|----------|
| 4 | 4" RISER CLAMPS | \$4.85 | \$19.40 | 0.33 | 1.32 |
| 110 | FT. 4" SCH 40 PVC DWV PIPE | \$1.54 | \$169.40 | 0.08 | 8.8 |
| 1 | 4" SCH 40 PVC DWV CO TEE W/PLUG | \$10.56 | \$10.56 | 1.62 | 1.62 |
| 2 | 4" x 4" SCH 40 PVC DWV WYE | \$9.64 | \$19.28 | 1.2 | 2.4 |
| 2 | 4" SCH 40 PVC DWV LONG SWEEP 1/4 BEND | \$7.06 | \$14.12 | 0.81 | 1.62 |
| 3 | 4" SCH 40 PVC DWV 1/8 BEND | \$4.77 | \$14.31 | 0.8 | 2.4 |
| 2 | 4" CI x SCH PVC TRANSITION CPLG | \$7.70 | \$15.40 | 2.02 | 4.04 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
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| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$262.47 | | 22.2 |



Subject: TAKE-OFF
 DATE: 26-Jul-19

Job Name: 052392-098 ALBANY INTERNATIONAL AIRPORT PARKING GARAGE CHANGR ORDER (ADD)
 System: PLUMBING/ROOF DRAIN
 Material: SCHEDULE 40 PVC DWV
 Fittings: SCHEDULE 40 PVC DWV
 Joint: SOLVENT CEMENT
 Takeoff By: LOREN YERDEN
 Contact Number: (518) 321-4264 Page # 1 of 6

| Quantity | Description | UNIT | EXTENDED | LABOR | EXTENDED |
|------------|--|----------|------------|-------|----------|
| 5 | 6" RISER CLAMPS | \$5.20 | \$26.00 | 0.33 | 1.65 |
| 120 | FT. 6" SCH 80 PVC DWV PIPE | \$5.31 | \$637.20 | 0.12 | 14.4 |
| 10 | FT. 4" SCH 80 PVC DWV PIPE | \$2.76 | \$27.60 | 0.08 | 0.8 |
| 1 | 6" SCH 80 PVC DWV CO TEE W/PLUG | \$191.82 | \$191.82 | 3.71 | 3.71 |
| 1 | 6" x 6" SCH 80 PVC DWV WYE | \$66.53 | \$66.53 | 2.63 | 2.63 |
| 2 | 6" x 4" SCH 80 PVC DWV WYE | \$79.36 | \$158.72 | 2.33 | 4.66 |
| 2 | 6" SCH 80 PVC DWV LONG SWEEP 1/4 BEND | \$87.88 | \$175.76 | 1.77 | 3.54 |
| 2 | 6" SCH 80 PVC DWV 1/8 BEND | \$30.52 | \$61.04 | 1.76 | 3.52 |
| 2 | 4" SCH 80 PVC DWV 1/8 BEND | \$24.23 | \$48.46 | 0.8 | 1.6 |
| 1 | 6" CI x SCH PVC TRANSITION CPLG | \$9.77 | \$9.77 | 4.02 | 4.02 |
| 2 | 4" CI x SCH PVC TRANSITION CPLG | \$7.70 | \$15.40 | 2.02 | 4.04 |
| 1 | 6" x 4" SCH 80 PVC DWV FLUSH BUSING | \$16.87 | \$16.87 | 0.46 | 0.46 |
| | | | \$0.00 | | 0 |
| 1 | 6" RD-1 DRAIN ZURN Z-100 | \$626.00 | \$626.00 | 3.38 | 3.38 |
| | | | \$0.00 | | 0 |
| 10 | #475 INNERLYNX LINK SEAL | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| 1 | 10" CORE DRILL HOLE THRU CONCRETE FOUNDATION | | \$0.00 | 3.3 | 3.3 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$0.00 | | 0 |
| | | | \$2,061.17 | | 51.71 |

Change Order Request

LeChase Construction Services, LLC
220 Harborside Drive, Suite 301
Schenectady, NY 12305
Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 44 - PCO 072 - RFI 88

Description of Change: This COR is for all additional work associated with RFI 88 as directed by the design team. No time extension required.

| Description | Scope of Work | Cost |
|-----------------|-------------------|-----------------|
| Plumbing & HVAC | | 4,848.00 |
| | Subtotal of Costs | 4,848.00 |

Change Order Add Ons

| | |
|--------------|--------|
| Fee | 242.00 |
| GL Insurance | 52.00 |
| P&P Bond | 31.00 |

Total For Change Order Request 5,173.00

☐ Pre Bid RFI #9 - Refer to Addendum #3 → What is this a change?
☐ Change Labor Breakdown

VOID

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



RFI #88

TCCo New York North
 1 Computer Drive South
 Albany, New York 12205
 Phone: (518) 432-0277
 Fax: (518) 432-0279

Project: 190154 - 989 [Parking Garage] Albany Airport
 737 Albany Shaker Road
 Albany, New York 12205
 Phone: (518) 852-1093

[989-GC] Roof Drain at C7

| | | | |
|-------------------------|---|-------------------------|--|
| TO: | Philip Graziadei III (CHA - Clough Harbor) | FROM: | Zachary Johnson (LeChase Construction [989-GC]) |
| DATE INITIATED: | 06/18/2019 | | 229 Harborside Drive, Suite #301 |
| LOCATION: | Parking Garage | | Schenectady, New York 12305 |
| PROJECT STAGE: | Pre-Construction | STATUS: | Closed |
| SUB JOB: | | DUE DATE: | 06/20/2019 |
| COST IMPACT: | TBD | COST CODE: | |
| DRAWING NUMBER: | A-105, P-106 | SCHEDULE IMPACT: | TBD |
| LINKED DRAWINGS: | A-105 , P-106 | SPEC SECTION: | 220000 [989-GC] - Plumbing Systems (Pedestrian Bridge & Parking Garage) |
| | | REFERENCE: | |

RECEIVED FROM: Zachary Johnson (LeChase Construction [989-GC])

COPIES TO:
 Sonia Bangalore (Parsons), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor), John O'Donnell, PE (Albany County Airport Authority), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons)

Question from Zachary Johnson (LeChase Construction [989-GC]) at 09:32 AM on 06/17/2019

Please reference column C7 on drawing A-105, R.D. is called out to be installed in this location.
 1. Please confirm a roof drain is intended to be installed at this location.
 2. If a roof drain is required at this location please confirm if it is acceptable to connect to the 4" ST located on the 4th level at column C7. Note: Currently, there is no piping shown on the 5th level at column C7.
 3. If a roof drain is required, please provide a basis of design.

See attached drawings for reference.

Attachments:
[006 - Roof Drain at Ramp Canopy.pdf](#)

Official Response: Philip Graziadei III (CHA - Clough Harbor) responded on Wednesday, June 19th, 2019 at 4:49PM EDT
 Roof drain is intended to be installed in that location. Provide roof drain, RD-1, in location at column line 7 on roof plan. See attached cut sheet for Zurn model Z100 roof drain with 6" outlet, below grade drainage piping plan, and roof level drainage plan. The storm riser will be a 6" pipe, the horizontal main that ties into the existing manhole will be a 6". All deck drain and roof drain outlets shall not be trapped and shall pitch to the riser at 45 degrees.

Attachments:
[RFI 088 - Roof Drain at C7.pdf](#)

BY _____ DATE _____ COPIES TO _____

Change Order Request



C.O.R. # 052392-95-001

G.C. #

Date: 7/29/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

To: LeChase Construction Services - Schenectady
Attn: Zac Johnson
1473 Erie Blvd.

Schenectady, NY 12305

From: Postler & Jaeckle Corp.
Jesse Gorman
615 South Avenue
Rochester, NY 14620-1385

Phone: (518) 388-9200 **Fax:** (518) 388-9206

Phone: (585) 546-7450 **Fax:** (585) 546-4316

We hereby propose to make the following changes:

Roof Drain at C7 Per RFI-088 Response

Change Order Price \$4,848.00

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 5 days in conjunction with this change.

Jesse Gorman 7/29/2019

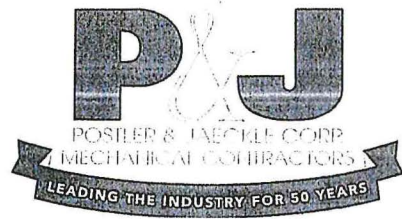
Author Date Sent

Accepted The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

Authorized Signature

Date of Acceptance

Change Order Request



C.O.R. # 052392-95-001

G.C. #

Date: 7/29/2019

Project Name: 052392-Albany County Airport Pedestrian Bridge & Parking
Garage Plumbing

Project #: 052392

Labor

| Labor Type | Man Hrs | \$/Hr | Burden | Fringe | Total Tax | Sub Total | Markup | | Total Labor |
|---------------------|---------|---------|--------|--------|-----------|--------------|--------|--------|--------------|
| | | | | | | | % | Amount | |
| Pipefitter Mechanic | -22.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | (\$2,090.00) | 0.00% | \$0.00 | (\$2,090.00) |
| Pipefitter Mechanic | 52.00 | \$95.00 | \$0.00 | \$0.00 | \$0.00 | \$4,940.00 | 0.00% | \$0.00 | \$4,940.00 |
| Sub Total | | | | | \$0.00 | \$2,850.00 | | \$0.00 | \$2,850.00 |
| Grand Total | | | | | \$0.00 | \$2,850.00 | | \$0.00 | \$2,850.00 |

Materials

| Materials | Quantity | Cost | Total Tax | Sub Total | Markup | | Total Materials |
|------------------------|----------|------------|-----------|------------|--------|-------------------|-----------------|
| | | | | | % | Amount | |
| Base Bid (Deduct) | 1.00 | (\$278.00) | \$0.00 | (\$278.00) | 10.00% | (\$27.80) | (\$305.80) |
| RFI-088 Response (Add) | 1.00 | \$2,094.00 | \$0.00 | \$2,094.00 | 10.00% | \$209.40 | \$2,303.40 |
| Sub Total | | \$0.00 | | \$1,816.00 | | \$181.60 | \$1,997.60 |
| Grand Total | | \$0.00 | | \$1,816.00 | | \$181.60 | \$1,997.60 |
| Total | | | | | | \$4,847.60 | |
| Total | | | | | | \$4,848.00 | |

F.W. Webb Company
 17 Erie Boulevard
 Albany, NY 12204-2589
 TEL# (518-472-9322)
 FAX# (518-472-9399)

Quote
 Number
 Date 08/15/19
 64151155

To:
 POSTLER & JAECKLE CORP

POSTLER & JAECKLE
 9 KREY BLVD
 BACK OF BLDG - LEFT HAND GARAG
 RENSSELAER, NY 12144
 SCH 80

615 SOUTH AVE
 ROCHESTER NY 14620-1385

(518-459-2020) Fax# (518-459-2622)

Cust # 154499 Customer Po# ALBANY INTERNATIONAL AI Rel# Writer CNASH Date Req 08/15/19

PAGE 1 OF 3

Quoted By: CNASH

ADD

| Quantity | Description | Net Price | Exten | Ln# |
|----------|--|-----------|---------|-------|
| 6 | * RSR CLMP 6" CS PLN HGR6RISE (11645) | 5.200 | 31.20 | (1) |
| 120 | PIPE GRY PVC 6"x20' S80 P/P6S80 (15286) | 5.310 | 637.20 | (2) |
| 20 | PIPE GRY PVC 4"x20' S80 P/P4S80 (15285) | 2.760 | 55.20 | (3) |
| 1 | #TEE 6" PVC S80 SXSXF + SPL802-060F (S3490953) | 117.470 | 117.47 | (4) |
| 1 | #PVC S80 6"THD PLUG 850-060 + PVP6MPL80 (S332328) | 74.350 | 74.35 | (5) |
| 1 | #LATERAL 6" SCH80 PVC SXS + PVP6YS80 (S263653) | 66.530 | 66.53 | (6) |
| 2 | WYE 6x4" PVC S80 SOC 875-532 PVP6X4SY80 (517411) | 79.360 | 158.72 | (7) |
| 2 | ELL 90DEG 6" PVC S80 LNG SWP SOC SPL806-060LSF (424301) | 87.880 | 175.76 | (8) |
| 2 | * ELL 45DEG 6" PVC S80 SOC 817-060 PVP6S4580 (16480) | 30.520 | 61.04 | (9) |
| 2 | * ELL 45DEG 4" PVC S80 SOC 817-040 PVP4S4580 (16479) | 24.230 | 48.46 | (10) |
| 1 | * CPLG FLEX 6" PLS or CI FLEX PVC FER1056-66 (48599) | 9.770 | 9.77 | (11) |
| 2 | * CPLG FLEX 4" PLS or CI FLEX PVC FER1056-44 (48596) | 7.700 | 15.40 | (12) |
| 1 | * BU PVC 6x4 SPGXSOC S80 837-532 PVP6X4SBU80 (43246) | 16.870 | 16.87 | (13) |
| | Sub Total: | | 1467.97 | |
| | Total: | | 1467.97 | |

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
 PLEASE REFERENCE QUOTE # 64151155 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

F.W. Webb Company
17 Erie Boulevard
Albany, NY 12204-2589
TEL# (518-472-9322)
FAX# (518-472-9399)

Quote
Number
Date
07/15/19 63779294

To:
POSTLER & JAECKLE CORP

615 SOUTH AVE
ROCHESTER NY 14620-1385

POSTLER & JAECKLE
9 KREY BLVD
BACK OF BLDG - LEFT HAND GARAG
RENSSELAER, NY 12144
ALBANY AIRPORT PARKING GARAGE

(518-459-2020) Fax# (518-459-2622)
Cust # Customer Po# Rel# Writer Date Req
154499 Y MUST HAVE PO TGL 07/15/19
PAGE 2 OF 2

Quoted By: TGL

| Quantity | Description | Net Price | Exten | Ln# |
|----------|--|-----------|--------|------|
| 1 | #6" NH ROOF DRAIN + ZRNZ100-6NH-DP-USA (S3709172) | 626.170 | 626.17 | (1) |

Sub Total: 626.17
Freight:
Total: 626.17

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
PLEASE REFERENCE QUOTE # 63779294 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

+ THIS PRODUCT IS A SPECIAL ITEM. RESTOCKING FEES MAY APPLY.

F.W. Webb Company
17 Erie Boulevard
Albany, NY 12204-2589
TEL# (518-472-9322)
FAX# (518-472-9399)

Quote
Date Number
08/15/19 64151899

To:
POSTLER & JAECKLE CORP

615 SOUTH AVE
ROCHESTER NY 14620-1385

POSTLER & JAECKLE
9 KREY BLVD
BACK OF BLDG - LEFT HAND GARAG
RENSSELAER, NY 12144
SCH 40

(518-459-2020) Fax# (518-459-2622)

Cust # Customer Po# Rel# Writer Date Req
154499 ALBANY INTERNATIONAL AI CNASH 08/15/19
PAGE 1 OF 1

Quoted By: CNASH

DEDUCT

| Quantity | Description | Net Price | Exten | Ln# |
|----------|---|-----------|--------|------|
| 4 | RSR CLMP 4" CS PLN HGR4RISER (11643) | 4.850 | 19.40 | (1) |
| 120 | PIPE WHT PVC 4"x20' S40 PE P/P4DWV (15266) | 1.540 | 184.80 | (2) |
| 1 | C/O TEE W/PLG 4" PVC HxH 444X PVC4DCO (36303) | 10.560 | 10.56 | (3) |
| 2 | WYE 4" PVC HUB 600 PVC4Y (36307) | 9.640 | 19.28 | (4) |
| 2 | ELL LS 90DEG 4" PVC HxH 304 PVC4LS90 (36211) | 7.060 | 14.12 | (5) |
| 3 | ELL 45DEG 4" PVC HxH 321 PVC445 (36223) | 4.770 | 14.31 | (6) |
| 2 | * CPLG FLEX 4" PLS or CI FLEX PVC FER1056-44 (48596) | 7.700 | 15.40 | (7) |
| | Sub Total: | | 277.87 | |
| | Total: | | 277.87 | |

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
PLEASE REFERENCE QUOTE # 64151899 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

Project Identification: PARKING GARAGE GENERAL CONSTRUCTION REISSUED
ALBANY COUNTY AIRPORT AUTHORITY
CONTRACT NO. 989 - GCR
NYSDOT PIN – 1A00.97

CHA Project No.: 35034

Addendum Date: April 5, 2019

TO: ALL PRIME CONTRACT BIDDERS OF RECORD

This addendum forms a part of the Contract Documents and modifies the original Drawings and Specifications dated March 15, 2019, Addendum No. 1, dated March 21, 2019 and Addendum No. 2, dated April 2, 2019. All prime contract bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

This Addendum consists of 9 pages, plus 42 attachments.

GENERAL:

1. 989-PC and 989-SF Milestone Schedule Dates – See the 989-PC and 989-SF Milestone Schedule Dates below for coordination purposes with 989-GCR contract work.
989-PC Milestones: Start June 2, 2019; Demobilize Crane September 20, 2019, Weld-out + Caulking October 29, 2019

989-SF Underground Utility Relocations + Foundations Sequence 1+2 (from Column 1 to Column 11) Complete June 3, 2019; Completion of H Piles + Foundations August 2, 2019

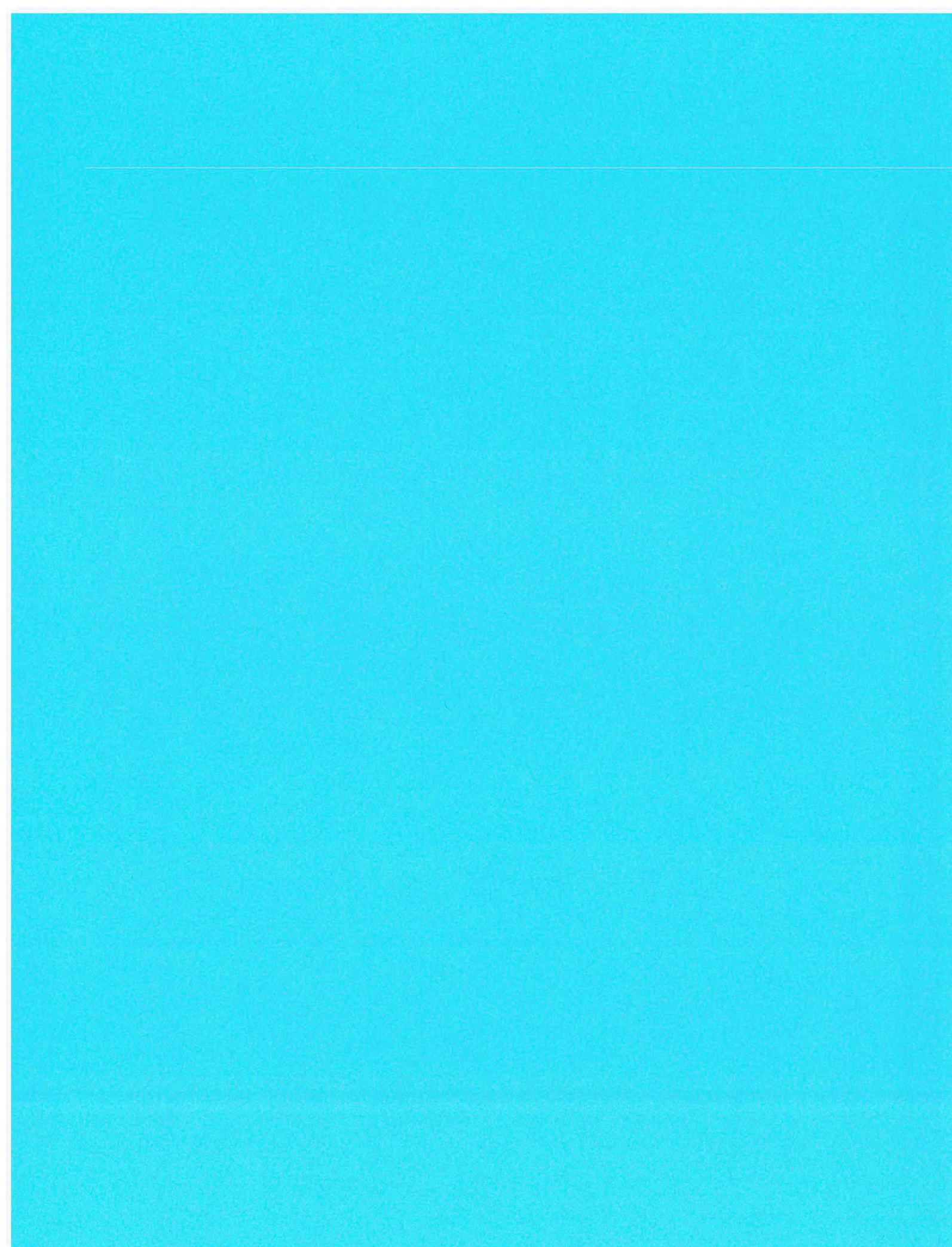
REQUEST FOR INFORMATION:

The following are RFI's received from bidders with responses provided in bold italics.

1. Site Scope / Grade - Please clarify the 989-SF site contractor's scope for subbase within the garage footprint.
For slab on grade subbase please follow recommendations provided in Section 6.2 -Slab-on-Grade Floor in the CHA Geotechnical Report.
2. Roof Drain CL C/7 - There is a roof drain shown at CL C/7 but there is no plumbing piping shown to carry this drain. Also, please provide a spec on the roof drain for this area as this is in a metal deck / roof application, not precast.

Detail provided on A-701. See attached revised Plumbing drawings. for storm drainage line outfall route, picking up levels 2, 3 and 4 of the ramp. Drainage to connect to existing 8' diameter manhole to east.

3. Concrete Paving at Entry Plaza - Please provide extents and a detail of the concrete paving required at the entry plaza area on drawing. A-410. Please coordinate this area with the extent of ramp slab and asphalt paving for the roadway. Please confirm the granite curb will transition to concrete curb at this area also.
Granite curb provided along exterior to match civil, per A-101 & A-410 in reissued GC set 3/15/19. At the east entry drive the asphalt paving for the roadway ends at column 13. The concrete surface entry plaza area begins at column 13 and proceeds north. Refer to details 8, 9 and 10 on drawing C-601 for the concrete section at the entry plaza area. All exterior curb is granite.
4. CMU Wall Types - Masonry CMU walls shown within the garage do not have a wall type or construction detail. Are these to be rated walls, fire-stopped etc.? It does not indicate.
CMU walls are to be rated; nothing additional is required besides 8" CMU wall and rated doors.
5. Standing Seam Metal Roof - Please provide a standing seam metal roof specification.
See attached standing seam roof specification for the entrance canopy.
6. Precast Deck Pour Strips - Drawing S-501, Note 3 indicates for the GC to provide epoxy coated diaphragm steel for the pour strips. Detail 7 / S-501 shows this steel but the pour strips are not clearly defined for the GC package to pick-up and provide. Please clarify who is responsible for any/all pour strips.
Locations are shown and noted on the Framing Plans; final locations to be coordinated with Precaster. Responsibility to be determined by GCR contractor.
7. Overall Scope of Work - Please provide an overall scope of work for this project.
The 989-GCR Scope of Work narrative is attached.
8. Entrance and Roof Canopy Framing - Please advise if this entrance and roof canopy steel framing is to be painted. If so, please advise on paint requirements.
Yes, all steel to be painted per Airport requirements.
9. CCTV and Access Control - Please confirm CCTV and Access Control is not in our scope of work. Please clarify if there is any scope required for us on this project with regards to CCTV and Access Control.
CCTV and Access Control is now included in GCR Contract Scope of Work.
 - a. **For CCTV: Provide conduits, back boxes, CAT-6 cables, cameras, patch panels, final termination to cameras and patch panel, and provide commissioning support to ACAA CCTV vendor for programming.**
 - b. **Patch panel - TE Connectivity PNL ASSYRIAN, 48PT, CAT6, UNV WIRING PN 1375015-2 00**
 - c. **Jacks - TE Connectivity SL Series RJ45 Jack, Cat6, 568 A/B Blue (Amp Connectivity Krone) PN 1375055 -6. (See pic)**
 - d. **Cable - Commscope, Uniprise Solutions Ultramedia CAT6, 7504 Blue 1000ft cable PN 4763214/10**



Change Order Request # 46 - PCO 074 - RFI 195 Item 1

Reason: This COR is for all additional work associated with item 1 on RFI 195 (Electrical Field Clash Issues
DRAWING NUMBER: E-002/E-103/E-104) as directed by the design team.
No time extension is required.

Description of Change:
Description Scope of Work Cost
Electrical 7,325.00
Subtotal of Costs 7,325.00
Change Order Add Ons
Fee 366.00
GL Insurance 78.00
P&P Bond 47.00
Total For Change Order Request 7,816.00

CHA – Electrical

CHA does not see any need for additional conduit for fire alarm devices which are in conflict with plumbing piping. Both items can share column.

□ SEE REVISED DETAIL

12 LOCATION/FLOOR = 60 LOCATIONS

7,816/60 LOCATIONS = \$130.27/LOCATIONS ✓

=

COR Response Cover Sheet



| | |
|---|---|
| GENERAL CONTRACTOR: LeChase Construction Services, LLC 220 Harborside Dr. Suite 301 Schenectady, NY 12305 | Construction Manager: Turner Construction Company 1 Computer Drive South Albany, NY 12201 |
|---|---|

| |
|---|
| Albany Airport Parking Garage [989 GC] Project # 1934006 Change Order Number: COR 46 Revision Number: 1 Construction Manager Response to Change Order: <input type="checkbox"/> LeChase Construction Response to CM Comments: <input type="checkbox"/> |
|---|

Infrastructure-

1. Provide Locations where conflicts exist and what the conflicts are.
Every column riser down the center of the garage has both plumbing and F/A-A/V. The solution to these clashes was to move the devices off the columns and hang them from above and in front of piping.
2. Provide electrical take off on one page, this will be easier to review.
See adjusted take off attached.
3. What is the additional conduit + installation for.
The additional conduit is to move the locations of the devices.
4. What is the additional shielded cable for?
The additional cable is to extend the device wiring to the new location of the devices.

Additional Clarification from 12/3 Meeting with Turner

Every column riser down the center of the garage has both plumbing and F/A-A/V. The solution to these clashes was to move the devices off the columns and hang them from above and in front of piping.

The additional conduit is to move the locations of the devices.

The additional cable is to extend the device wiring to the new location of the devices.

I provided a takeoff in the document.



Wagner, Robert C - (NYN)

From: Wagner, Robert C - (NYN)
Sent: Saturday, December 7, 2019 11:43 AM
To: LaRose, Richard; Anderson, Mark; Eileen O'Neil; Ryan Faulkner; Zachary Johnson
Subject: LeChase COR # 046 RFI 195 FA + Plumbing Conflict
Attachments: COR 046 - PCO 074 RFI 195.pdf; COR 046-PCO74-RFI195 CM Responses.pdf

Rich/Mark/Eileen-

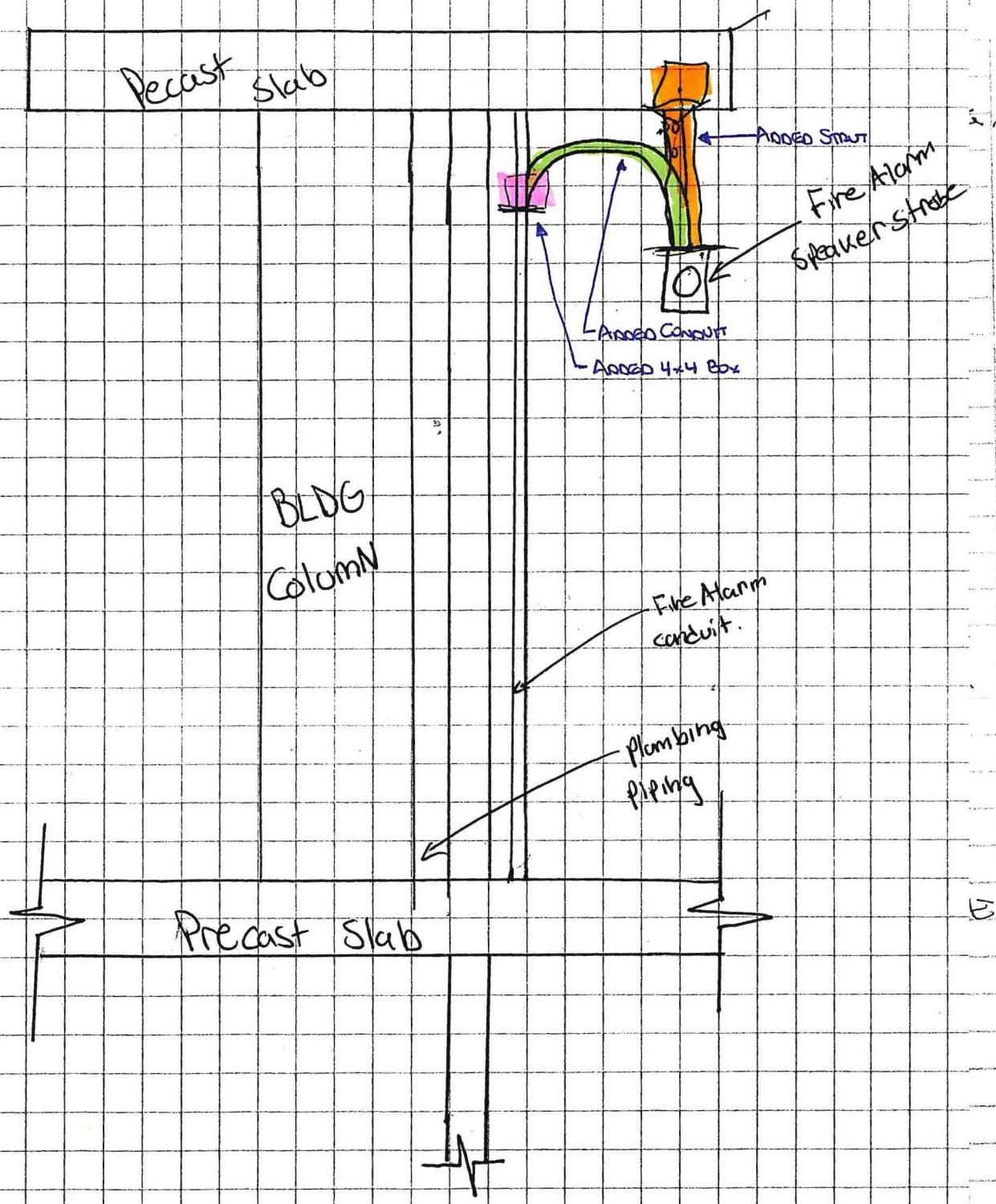
Attached is the backup from Nfrastructure for your review and comments.

LeChase to provide justification on the additional conduit and cable for the fire alarm system along with the credit for the original installation of conduit against the column,

Robert Wagner, LEED® AP | Project Manager
Turner Construction Company 1 Computer Drive South | Albany, New York 12205
office 518.432.0277 | mobile 518.852.1093 | rwagner@tcco.com

~~~ CONFIDENTIALITY STATEMENT ~~~

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# COR Response Cover Sheet



|                                                                                                                           |                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>GENERAL CONTRACTOR:</b><br>LeChase Construction Services, LLC<br>220 Harborside Dr. Suite 301<br>Schenectady, NY 12305 | <b>Construction Manager:</b><br>Turner Construction Company<br>1 Computer Drive South<br>Albany, NY 12201 |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|

**Albany Airport Parking Garage [989 GC]**  
**Project # 1934006**

Change Order Number: COR 46  
Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

## Infrastructure-

1. Provide Locations where conflicts exist and what the conflicts are.  
Every column riser down the center of the garage has both plumbing and F/A-A/V. The solution to these clashes was to move the devices off the columns and hang them from above and in front of piping.
2. Provide electrical take off on one page, this will be easier to review.  
See adjusted take off attached.
3. What is the additional conduit + installation for. *← WHERE WERE THEY ORIGINALLY → WHERE ARE THEY NOW*  
The additional conduit is to move the locations of the devices.
4. What is the additional shielded cable for?  
The additional cable is to extend the device wiring to the new location of the devices.

*CLARITY FOR ORIGINAL INSTALL OF CONDUIT*

*LECHASE REVIEW w/ INFRASTRUCTURE.*

| Attributes      | Item Description                                  | Qty | Price U | Price  | Disc. | Cost   | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond. | Labor U | Field Labor | Total Field Labor |
|-----------------|---------------------------------------------------|-----|---------|--------|-------|--------|--------------|------------|----------|---------------|------------|---------|-------------|-------------------|
| 1"              | Conduit - RMC Galvanized 10' Lengths              | 12  | C       | 279.33 |       | 279.33 |              |            | 279.33   | 33.52         | Quoted     | C       | 7           | 0.84              |
| 1" x 12"        | Nipple - RMC Galvanized                           | 12  | C       | 517.67 | 0     | 517.67 |              |            | 517.67   | 62.12         | Quoted     | C       | 35          | 4.2               |
| 1"              | Locknut - Steel                                   | 60  | C       | 19.28  | 0     | 19.28  |              |            | 19.28    | 11.57         | Quoted     | C       | 13          | 7.8               |
| 1"              | Field Bend w/ Cut & Thread Labor - RMC Galvanized | 12  | E       | 0      | 0     |        |              |            |          |               | No Cost    | E       | 1.44        | 17.28             |
| 3-1/8" D x 1"   | 4" Round Box Malleable Iron 4-Hub                 | 12  | E       | 57.88  | 0     | 57.88  |              |            | 57.88    | 694.56        | Quoted     | E       | 1           | 12                |
|                 | 4" Round Box Cover Malleable Iron 3/4" Hub        | 12  | E       | 15.81  | 0     | 15.81  |              |            | 15.81    | 189.72        | Quoted     | E       | 0.3         | 3.6               |
| #14/2C Red      | FPLR Cable Shielded                               | 120 | M       | 180.28 | 0     | 180.28 |              |            | 180.28   | 21.63         | Quoted     | M       | 20          | 2.4               |
| 1"              | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 24  | C       | 58.38  | 0     | 58.38  |              |            | 58.38    | 14.01         | Quoted     | C       | 12.5        | 3                 |
| 1/4-20 x 1-3/4" | Stud (Wedge) Anchor - Stainless Steel 304         | 48  | C       | 220.63 | 0     | 220.63 |              |            | 220.63   | 105.9         | Quoted     | C       | 16          | 7.68              |
|                 |                                                   |     |         |        |       |        |              |            |          | 1133.03       |            |         |             | 58.8              |

## Change Order Request

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 46 - PCO 074 - RFI 195 Item 1

Description of Change: This COR is for all additional work associated with item 1 on RFI 195 as directed by the design team. No time extension is required.

| Description              | Scope of Work | Cost            |
|--------------------------|---------------|-----------------|
| Electrical               |               | 7,325.00        |
| <b>Subtotal of Costs</b> |               | <b>7,325.00</b> |

Change Order Add Ons

|              |        |
|--------------|--------|
| Fee          | 366.00 |
| GL Insurance | 78.00  |
| P&P Bond     | 47.00  |

**Total For Change Order Request      7,816.00**

- PROVIDE LOCATIONS WHERE CONFLICTS EXIST + WHAT THE CONFLICTS ARE
- PROVIDE ELECTRICAL TAKEOFF ON ONE ROSE → EASIER TO REVIEW
- WHAT IS ADDITIONAL CONDUIT + INSTRUCTION FOR?
- WHAT IS ADDITIONAL SHIELDED CABLE FOR?

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_





# RFI #195

TCCo New York North  
 1 Computer Drive South  
 Albany, New York 12205  
 Phone: (518) 432-0277  
 Fax: (518) 432-0279

**Project:** 190154 - 989 [Parking Garage] Albany Airport  
 737 Albany Shaker Road  
 Albany, New York 12205  
 Phone: (518) 852-1093

## [989 GC] Electrical Field Clash Issues

|                         |                                      |                         |                                                 |
|-------------------------|--------------------------------------|-------------------------|-------------------------------------------------|
| <b>TO:</b>              | Mark Anderson (CHA - Clough Harbor ) | <b>FROM:</b>            | Zachary Johnson (LeChase Construction [989-GC]) |
| <b>DATE INITIATED:</b>  | 09/18/2019                           |                         | 229 Harborside Drive, Suite #301                |
| <b>LOCATION:</b>        | Parking Garage                       |                         | Schenectady, New York 12305                     |
| <b>PROJECT STAGE:</b>   |                                      | <b>STATUS:</b>          | Closed                                          |
| <b>SUB JOB:</b>         |                                      | <b>DUE DATE:</b>        | 09/21/2019                                      |
| <b>COST IMPACT:</b>     | TBD                                  | <b>COST CODE:</b>       |                                                 |
| <b>DRAWING NUMBER:</b>  | E-002/E-103/E-104                    | <b>SCHEDULE IMPACT:</b> | TBD                                             |
| <b>LINKED DRAWINGS:</b> |                                      | <b>SPEC SECTION:</b>    |                                                 |
|                         |                                      | <b>REFERENCE:</b>       |                                                 |

**RECEIVED FROM:** Zachary Johnson (LeChase Construction [989-GC])

**COPIES TO:**  
 Sonia Bangalore (Parsons ), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons ), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor ), John O'Donnell, PE (Albany County Airport Authority), Eileen O'Neil (Ambient Environmental Inc.), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons )

### Question from Zachary Johnson (LeChase Construction [989-GC]) at 07:56 AM on 09/18/2019

- Speaker/Strobe and AV locations are clashing with structural elements on the columns and also shared space with plumbing. Please provide detailed drawings indicating the locations of the speaker/strobes and AV equipment where it will not clash with other trades while maintaining code compliance.

- Please provide layout drawings for the control room where the Parks/Wayfinder system terminates. There is a significant amount of conduit and wiring that needs to be terminated in racks in this room. The current drawings do not provide enough information to properly locate the equipment and penetrations into the room.

- The electrical room on floor 1 at column 1 and floor 4 at column 1, that contain the sanitary pump controller and elevator controllers, are not properly sized to maintain the NEC required minimum distance between equipment. Both controllers require a 42" minimum clearance and these rooms are less than this. Please provide direction on how to proceed with mounting equipment in these areas while maintaining proper clearance.

### Official Response: Mark Anderson (CHA - Clough Harbor ) responded on Wednesday, September 18th, 2019 at 2:08PM EDT

1. Refer to attached electrical sketch SKEFA-1 for mounting option of fire alarm speaker/strobe on garage column with plumbing piping obstructions.
2. Contractor to refer to PARCs drawings for equipment layouts in control room.
3. The electric room on the first floor in question only houses the sanitary pump station control panel and oil/water separator panel. Elevator controllers are located on the 4th level. Drawings indicate location of these panels.

#### Attachments:

[Garage Speaker-Strobe Detail.pdf](#)

BY \_\_\_\_\_ DATE \_\_\_\_\_ COPIES TO \_\_\_\_\_

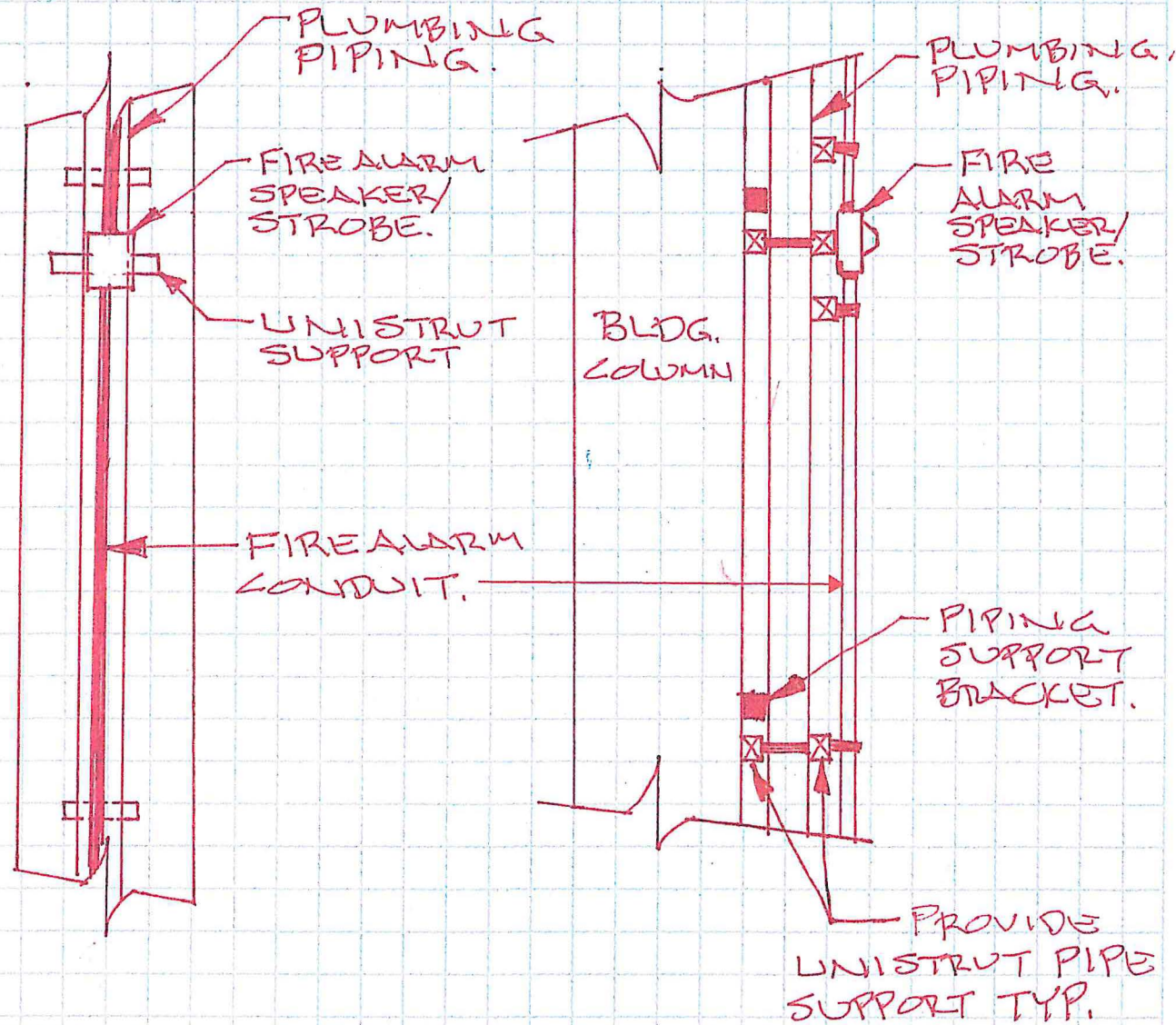


# CHA COMPUTATION PAD

COMPLETED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 PROJECT NAME: ACAA-PARKING GARAGE  
 PROJECT LOCATION: \_\_\_\_\_

| PROJECT | PHASE | ORG |
|---------|-------|-----|
|         |       |     |

SHEET #: \_\_\_\_\_ OF \_\_\_\_\_  
 DATE: 9/18/19  
 SUBJECT: \_\_\_\_\_



FRONT VIEW  
 N.T.S.

SIDE VIEW  
 N.T.S.

GARAGE SPEAKER/STROBE MOUNTING  
 DETAIL

SKEFA-1

**CHANGE ORDER REQUEST**



|                                                                   |                                              |
|-------------------------------------------------------------------|----------------------------------------------|
| <b>Contractor:</b> <u>Nfrastructure</u>                           | <b>Albany Airport Parking Garage 989-GCR</b> |
| <b>Contractor COR #:</b> _____                                    | <b>Date:</b> <u>10/24/19</u>                 |
| <b>Bid Package #:</b> <u>989-GC Bulletin 03 [B3-PEC] 05/22/19</u> | <b>PCO #:</b> <u>PCO-015</u>                 |
|                                                                   | <b>Building/Area:</b> <u>Parking Garage</u>  |

**Change Order Reference Document:**  
 RFI #: 195 - Item #1      Bulletin #: \_\_\_\_\_      Other: \_\_\_\_\_

**Description of Change:**  
 Item #1 on RFI-195 only.

Add 90 degree bend, additional support, FS box with cover/hub (on bottom of precast overhead), wiring, rigid nipple to hang light out in front of obstructions on the columns.

**Justification**

**Change Order Attachment List:**

|                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

|                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:**

|                                                                               |  |                                         |                                           |
|-------------------------------------------------------------------------------|--|-----------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule |  | <b>Days to Complete Added Scope:</b>    | 10                                        |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime         |  | <b>Current Contract Completion Date</b> | <b>Adjusted Contract Completion Date:</b> |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable                 |  | 03/12/20                                | 03/12/20                                  |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

Subcontractor: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

LeChase: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Request Termination:**

Voided      **Explanation:** \_\_\_\_\_

Denied

**CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET**

Project Name: Albany Airport Parking Garage 889-GCR  
 Building / Area: Parking Garage

PCO #: 15  
 COR #:

Subcontractor/Vendor: Infrastructure  
 BP #: RFI-195  
 Change Order Source:

| MWBE Participation: | Percentage Overall |
|---------------------|--------------------|
| MBE                 | #REF!              |
| WBE                 | #REF!              |

| Item No                     | WBS/CSI Cost Code | Description        | Materials & Equipment |      |                   |                   | Subcontract  |            |               |               | Fully Burdened Labor Rate |                  |                   |               | Duration                                                     |                | MBE Contractor Total | WBE Contractor Total |                   |       |
|-----------------------------|-------------------|--------------------|-----------------------|------|-------------------|-------------------|--------------|------------|---------------|---------------|---------------------------|------------------|-------------------|---------------|--------------------------------------------------------------|----------------|----------------------|----------------------|-------------------|-------|
|                             |                   |                    | Qty                   | Unit | Unit Cost         | Subtotal          | Qty          | Unit       | Unit Cost     | Subtotal      | Straight Hours            | Time + 1/2 Hours | Double Time Hours | Straight Time | EO Time & 1/2                                                | EO Double Time |                      |                      | Total             | Start |
| 1                           | FA                | CHANGES IN RFI-195 | 1                     | ea   | \$1,133.03        | \$1,133.03        | 1            | ea         |               | \$0.00        | 38                        | 21               |                   | \$82.77       | 110.01                                                       | 137.25         |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               |                                                              |                |                      |                      | #REF!             | #REF! |
| <b>Net Subtotal:</b>        |                   |                    |                       |      | <b>\$1,133.03</b> | <b>\$1,133.03</b> |              |            | <b>\$0.00</b> | <b>38</b>     | <b>21</b>                 | <b>0</b>         | <b>\$0.00</b>     | <b>110.01</b> | <b>137.25</b>                                                |                |                      | <b>\$5,443.49</b>    | #REF!             | #REF! |
| <b>Total SGA &amp; OH+P</b> |                   |                    |                       |      | <b>\$113.30</b>   | <b>10.00%</b>     |              |            | <b>\$0</b>    | <b>10.00%</b> |                           |                  |                   |               |                                                              |                |                      | <b>\$544.35</b>      | <b>10.00%</b>     |       |
| <b>Tax (if applicable)</b>  |                   |                    |                       |      | <b>\$99.64</b>    |                   |              |            | <b>\$0.00</b> |               |                           |                  |                   |               |                                                              |                |                      | <b>\$0.00</b>        |                   |       |
| <b>Total</b>                |                   |                    |                       |      | <b>\$1,346.98</b> |                   | <b>Total</b> | <b>\$0</b> |               |               |                           |                  |                   |               |                                                              |                |                      | <b>Total Labor:</b>  | <b>\$5,987.84</b> |       |
|                             |                   |                    |                       |      |                   |                   |              |            |               |               |                           |                  |                   |               | <b>Total Materials, Subcontract &amp; Labor, &amp; OH+P:</b> |                | <b>\$7,324.82</b>    |                      |                   |       |

| Attributes      | Item Description                                  | Qty | Price U | Price  | Disc. |
|-----------------|---------------------------------------------------|-----|---------|--------|-------|
| 1"              | Conduit - RMC Galvanized 10' Lengths              | 12  | C       | 279.33 |       |
| 1" x 12"        | Nipple - RMC Galvanized                           | 12  | C       | 517.67 | 0     |
| 1"              | Locknut - Steel                                   | 60  | C       | 19.28  | 0     |
| 1"              | Field Bend w/ Cut & Thread Labor - RMC Galvanized | 12  | E       | 0      | 0     |
| 3-1/8" D x 1"   | 4" Round Box Malleable Iron 4-Hub                 | 12  | E       | 57.88  | 0     |
|                 | 4" Round Box Cover Malleable Iron 3/4" Hub        | 12  | E       | 15.81  | 0     |
| #14/2C Red      | FPLR Cable Shielded                               | 120 | M       | 180.28 | 0     |
| 1"              | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 24  | C       | 58.38  | 0     |
| 1/4-20 x 1-3/4" | Stud (Wedge) Anchor - Stainless Steel 304         | 48  | C       | 220.63 | 0     |
|                 |                                                   |     |         |        |       |

| Cost   | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond. | Labor U | Field Labor |
|--------|--------------|------------|----------|---------------|------------|---------|-------------|
| 279.33 |              |            | 279.33   | 33.52         | Quoted     | C       | 7           |
| 517.67 |              |            | 517.67   | 62.12         | Quoted     | C       | 35          |
| 19.28  |              |            | 19.28    | 11.57         | Quoted     | C       | 13          |
|        |              |            |          |               | No Cost    | E       | 1.44        |
| 57.88  |              |            | 57.88    | 694.56        | Quoted     | E       | 1           |
| 15.81  |              |            | 15.81    | 189.72        | Quoted     | E       | 0.3         |
| 180.28 |              |            | 180.28   | 21.63         | Quoted     | M       | 20          |
| 58.38  |              |            | 58.38    | 14.01         | Quoted     | C       | 12.5        |
| 220.63 |              |            | 220.63   | 105.9         | Quoted     | C       | 16          |
|        |              |            |          | 1133.03       |            |         |             |

| Total Field Labor |
|-------------------|
| 0.84              |
| 4.2               |
| 7.8               |
| 17.28             |
| 12                |
| 3.6               |
| 2.4               |
| 3                 |
| 7.68              |
| 58.8              |

CHA  
 400 Main Street, 10th Floor, Albany, NY 12242  
 Tel: 518.487.4333 www.chanyc.com

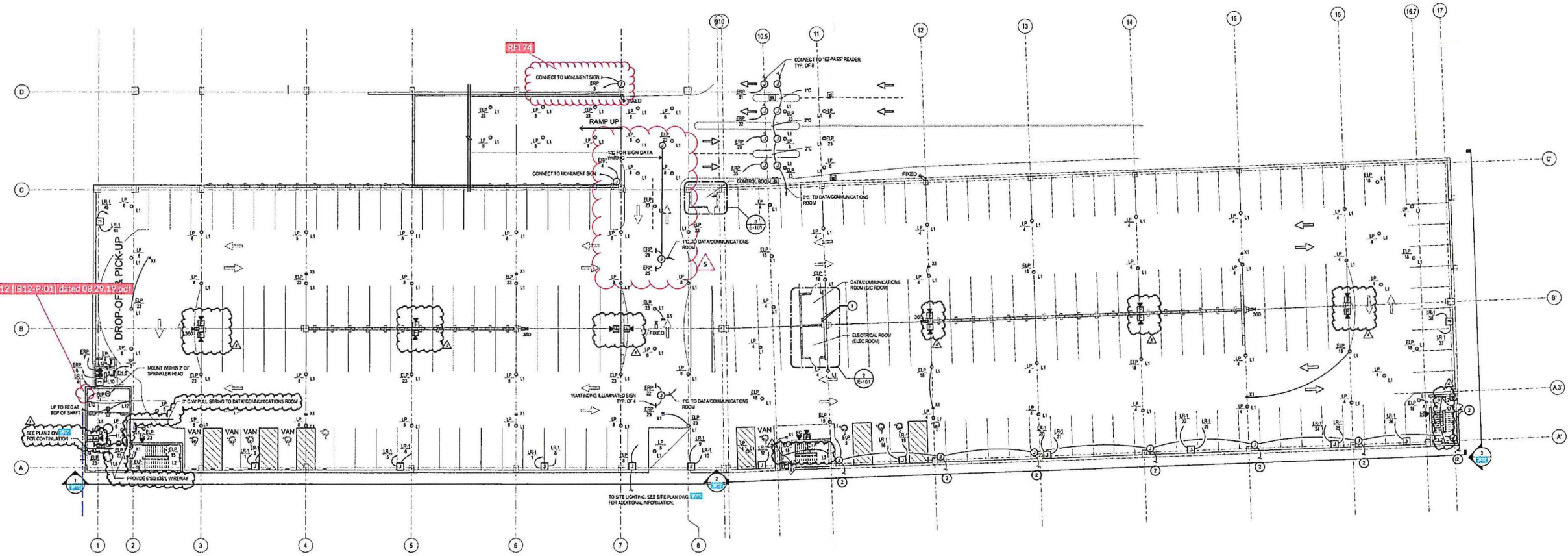
DESIGN MANAGEMENT  
 Design Management  
 DOCUMENTS MANAGEMENT PLATFORM

BERGMANN  
 BERGMANN  
 DOCUMENTS MANAGEMENT PLATFORM

Albany  
 International  
 Airport  
 Capital Region Gateway

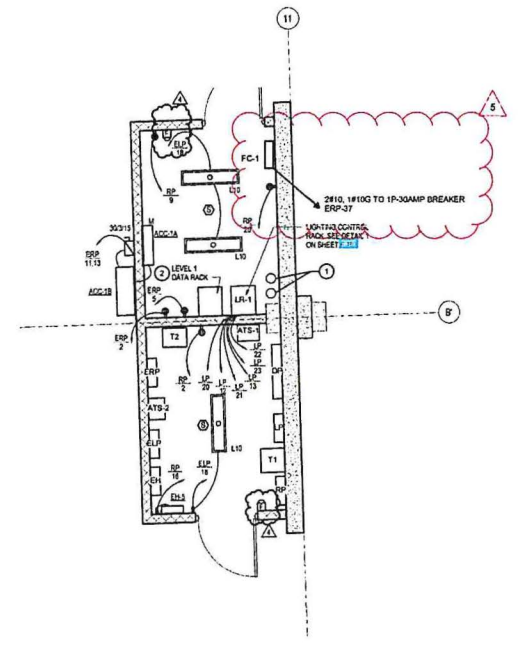
ALBANY COUNTY  
 AIRPORT  
 AUTHORITY

- GENERAL NOTES**
1. ALL BRANCH CIRCUIT WIRING TO BE #10AWG CONDUIT ROUTING NOT SHOWN FOR CLARITY. CONTRACTOR TO ROUTE CONDUITS PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. USE EXISTING PVC ALLEYS THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.
  2. PROVIDE 1/2" PDS CONDUITS UP TO LEVEL 4 DATA/COMMUNICATIONS ROOM.
  3. TO EXTERIOR WALL MOUNTED LIGHTING SEE SITE PLAN DWG. E-101 FOR ADDITIONAL INFORMATION.
  4. PROVIDE PA SYSTEM AMPLIFIER AT L515 (KONIGSBUCH) IN OWNER FURNISHED RACK. WIRE ALL PA SPEAKERS TO AMPLIFIER.

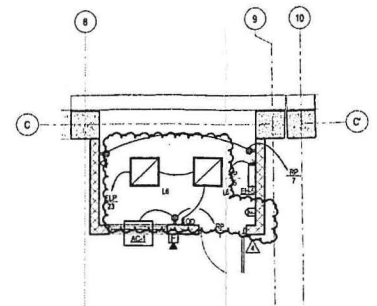


989-GC-Building 12 (E-101) (4/12/08) 08.29.19.pdf

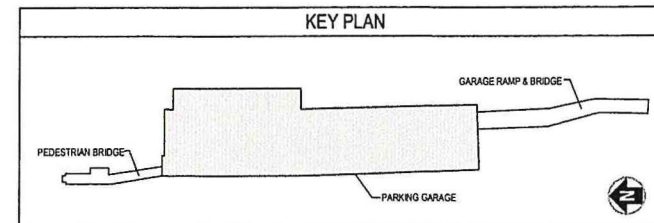
1 ELECTRICAL GRADE LEVEL GARAGE PLAN  
 1/4" = 1'-0"



2 D/C & ELEC ROOM POWER PLAN  
 1/4" = 1'-0"



3 CONTROL ROOM POWER PLAN  
 1/4" = 1'-0"



KEY PLAN



I, the undersigned, do hereby certify that I am a duly Licensed Professional Engineer in the State of New York, No. 10878, dated 08/2007, and that I am the author of the design and drawings herein.

ALBANY INTERNATIONAL  
 AIRPORT PARKING  
 GARAGE GENERAL  
 CONSTRUCTION

No. | Name/Reason | Date

|   |                   |         |
|---|-------------------|---------|
| 3 | 10-10A            | 10-4-19 |
| 1 | AKA P1-02A        | 4-5-18  |
| 1 | PROPOSED FOR BID  | 2-20-18 |
| 1 | ADDENDUM #3       | 3-8-18  |
| 1 | ADDENDUM #1       | 2-1-18  |
| 1 | 2016.63 (old BUS) | 2-15-18 |

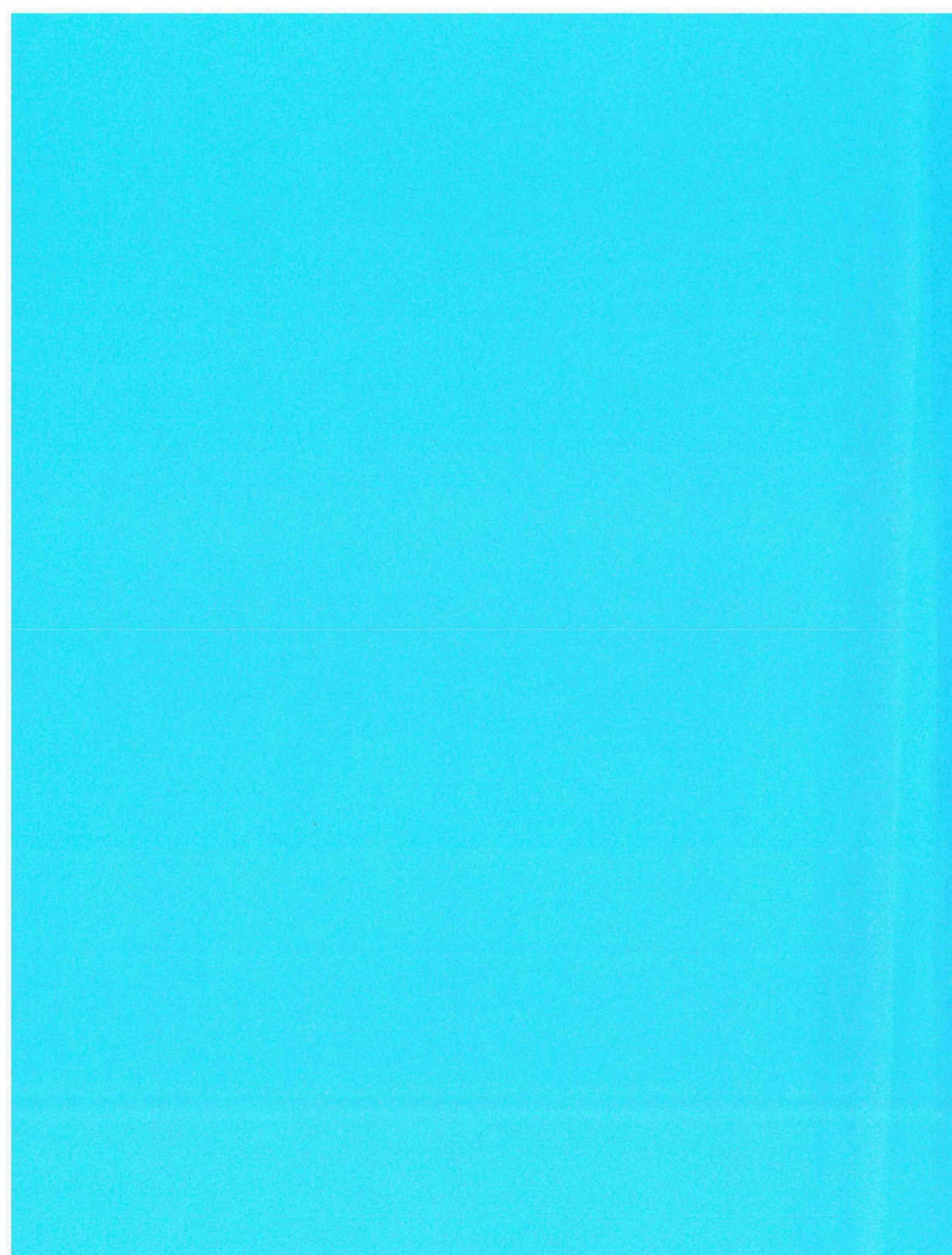
ELECTRICAL GRADE  
 LEVEL PLAN

Designed By: MCA  
 Drawn By: AKA  
 Issue Date: 2/15/19  
 Checked By: MCA  
 Project No.: 30004  
 Scale: AS SHOWN

Drawing No.  
**E-101**

C:\Users\mca\OneDrive\Documents\30004 - ELEC11 - Central\_2\FAC11  
 4/20/2019 10:46:44 AM  
 4/20/2019 10:46:44 AM  
 4/20/2019 10:46:44 AM





**Change Order Request**

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 47 - PCO 076 - RFI 233

Description of Change: This COR is for all additional work associated with RFI 233 as directed by the design team. No time extension is required.

| Description | Scope of Work            | Cost             |
|-------------|--------------------------|------------------|
| Electrical  |                          | 10,856.44        |
|             | <b>Subtotal of Costs</b> | <b>10,856.44</b> |

Change Order Add Ons

|              |        |
|--------------|--------|
| Fee          | 542.22 |
| GL Insurance | 115.84 |
| P&P Bond     | 69.50  |

**Total For Change Order Request 11,584.00**

*Work shown on Armano McGinn Drawing 2078-03 included in Base Contract Work  
 Add should be increase in conduit size from 1 1/2" conduit to 2" conduit*

*A NOTE ON ARMANO MCGINN DRAWING 2075-03 INDICATES TO INSTALL PER CODE REQUIREMENTS  
 - ON SITE MEETING/CONFERENCE CALL INDICATED SEPARATE CONDUITS RATIO.*

|                                 |                                    |                      |
|---------------------------------|------------------------------------|----------------------|
| Albany County Airport Authority | LeChase Construction Services, LLC | Other: If Applicable |
| Print: _____                    | Print: _____                       | Print: _____         |
| Signed: _____                   | Signed: _____                      | Signed: _____        |
| Date: _____                     | Date: _____                        | Date: _____          |

**CHANGE ORDER REQUEST**



|                                                                    |                                              |
|--------------------------------------------------------------------|----------------------------------------------|
| <b>Contractor:</b> <u>Nfrastructure</u>                            | <b>Albany Airport Parking Garage 989-GCR</b> |
| <b>Contractor COR #:</b> _____                                     | <b>Date:</b> <u>10/24/19</u>                 |
| <b>Bid Package #:</b> <u>989-GC Bulletin 03 [IB3-PEC] 05/22/19</u> | <b>PCO #:</b> <u>PCO-010</u>                 |
|                                                                    | <b>Building/Area:</b> <u>Parking Garage</u>  |

**Change Order Reference Document:**  
 RFI #: 233      Bulletin #: \_\_\_\_\_      Other: \_\_\_\_\_

**Description of Change:**  
 \* No wiring is included for these changes  
 \* Based on the following drawing note: "The information contained in this document is based on typical configurations. We make no representations as to its accuracy, completeness or suitability for a particular application. It is the responsibility of the installer to verify all information contained herein as it relates to the actual system design, site conditions, and code requirements"  
 \* Given the latitude we were afforded via the above note, the LPR was combined with EZC run in original contract takeoff as the wire types and purpose were compatible and conduit fill was underutilized. This change was appropriate given the note relating to accuracy of the drawings and system design. This change is also completely code compliant.  
 \* This RFI answer changed the 2" to an 1-1/2" conduit to contain the LPR wiring, effectively adding a new conduit and changing the original "Typical" design.  
 \* 1" conduit was extended 40'x2 for actual locations of LPR since contract documents were incomplete.  
 \* This work is completed at this time and all work was completed on Saturdays due to the bridge pour constraint.

**Justification**

**Change Order Attachment List:**

|                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

|                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:**

|                                                                               |                                                                                   |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | <b>Days to Complete Added Scope:</b><br><u>10</u>                                 |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime         | <b>Current Contract Completion Date</b> <b>Adjusted Contract Completion Date:</b> |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable                 | <u>03/12/20</u> <u>03/12/20</u>                                                   |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

Subcontractor: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

LeChase: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Request Termination:**

Voided      Explanation: \_\_\_\_\_

Denied

**CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET**

Project Name: Albany Airport Parking Garage 989-GCR  
 Building / Area: Parking Garage

PCO #: 10  
 COR #:

Subcontractor/Vendor: Infrastructure  
 BP #: RFI-233  
 Change Order Source:

| MWBE Participatin: | Percentage Overall |
|--------------------|--------------------|
| MBE                | #REF!              |
| WBE                | #REF!              |

| Item No.             | WBS/CSI Cost Code | Description        | Materials & Equipment |      |            |            | Subcontract |        |           |          | Fully Burdened Labor Rate |                  |                   |                                               | Duration      |                | MBE Contractor Total | WBE Contractor Total |       |            |        |       |
|----------------------|-------------------|--------------------|-----------------------|------|------------|------------|-------------|--------|-----------|----------|---------------------------|------------------|-------------------|-----------------------------------------------|---------------|----------------|----------------------|----------------------|-------|------------|--------|-------|
|                      |                   |                    | Qty                   | Unit | Unit Cost  | Subtotal   | Qty         | Unit   | Unit Cost | Subtotal | Straight Hours            | Time + 1/2 Hours | Double Time Hours | Straight Time                                 | EO Time & 1/2 | EO Double Time |                      |                      | Total | Start      | Finish |       |
| 1                    | AV                | CHANGES IN RFI-233 | 1                     | ea   | \$1,175.91 | \$1,175.91 | 1           | ea     | \$0.00    |          |                           |                  |                   | 78                                            | \$9.00        | 110.01         | 137.25               |                      |       | \$9,608.06 | #REF!  | #REF! |
| Net Subtotals:       |                   |                    |                       |      | \$1,175.91 |            |             | \$0.00 | 0         | 78       | 0                         | \$9.00           | 110.01            | 137.25                                        |               |                | \$9,608.06           | #REF!                | #REF! |            |        |       |
| Total SGA & OH/P:    |                   |                    |                       |      | \$117.59   | 10.00%     |             | \$0    | -10.00%   |          |                           |                  |                   |                                               |               |                | \$869.81             | 10.00%               |       |            |        |       |
| Tax (if applicable): |                   |                    |                       |      | \$74.62    |            |             | \$0.00 |           |          |                           |                  |                   |                                               |               |                | \$0.00               |                      |       |            |        |       |
| Total:               |                   |                    |                       |      | \$1,367.57 |            |             | \$0    |           |          |                           |                  |                   |                                               |               |                | \$9,468.87           |                      |       |            |        |       |
|                      |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   | Total Labor:                                  |               | \$9,468.87     |                      |                      |       |            |        |       |
|                      |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   | Total Materials, Subcontract & Labor, & OH/P: |               | \$10,856.44    |                      |                      |       |            |        |       |

| Attributes         | Item Description                                  | Qty | Price U | Price  | Disc. | Cost   | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond | Labor U | Field Labor | Total Field Labor |
|--------------------|---------------------------------------------------|-----|---------|--------|-------|--------|--------------|------------|----------|---------------|-----------|---------|-------------|-------------------|
| 1-1/2"             | Conduit - PVC 40 10' Lengths                      | 311 | C       | 91.01  | 35    | 59.16  |              |            | 59.16    | 183.99        | Normal    | C       | 7           | 21.77             |
| 1"                 | Conduit - PVC 80 10' Lengths                      | 80  | C       | 45.28  | 0     | 45.28  |              |            | 45.28    | 36.22         | Quoted    | C       | 6           | 4.8               |
| 1-1/2"             | Conduit - PVC 80 10' Lengths                      | 50  | C       | 71.01  | 0     | 71.01  |              |            | 71.01    | 35.51         | Quoted    | C       | 8           | 4                 |
| 1"                 | Conduit - RMC Galvanized 10' Lengths              | 2   | C       | 279.33 | 0     | 279.33 |              |            | 279.33   | 5.59          | Quoted    | C       | 7           | 0.14              |
| 1-1/2"             | Elbow 90 Degree - PVC 40                          | 2   | C       |        | 35    |        |              |            |          |               | Quoted    | C       | 40          | 0.8               |
| 1"                 | Elbow 90 Degree - PVC 80 Plain End                | 6   | C       | 58.35  | 0     | 58.35  |              |            | 58.35    | 3.5           | Quoted    | C       | 28.8        | 1.728             |
| 1-1/2"             | Elbow 90 Degree - PVC 80 Plain End                | 1   | C       | 111.69 | 0     | 111.69 |              |            | 111.69   | 1.12          | Quoted    | C       | 46          | 0.46              |
| 1"                 | Coupling - PVC                                    | 12  | C       | 16.59  | 0     | 16.59  |              |            | 16.59    | 1.99          | Quoted    | C       | 1.8         | 0.216             |
| 1-1/2"             | Coupling - PVC                                    | 4   | C       | 30.86  | 0     | 30.86  |              |            | 30.86    | 1.23          | Quoted    | C       | 2.5         | 0.1               |
| 1"                 | Coupling - RMC Galvanized                         | 2   | C       | 176.08 | 0     | 176.08 |              |            | 176.08   | 3.52          | Quoted    | C       | 1.8         | 0.036             |
| 1"                 | Connector - PVC Socket to Threaded                | 4   | C       | 25.91  | 0     | 25.91  |              |            | 25.91    | 1.04          | Quoted    | C       | 18          | 0.72              |
| 1-1/2"             | Connector - PVC Socket to Threaded                | 2   | C       | 40.19  | 0     | 40.19  |              |            | 40.19    | 0.8           | Quoted    | C       | 25          | 0.5               |
| 1"                 | Bushing - Plastic 105 Degree                      | 2   | C       | 18.06  | 0     | 18.06  |              |            | 18.06    | 0.36          | Quoted    | C       | 1.3         | 0.026             |
| 1-1/2"             | Bushing - Plastic 105 Degree                      | 1   | C       | 29.73  | 0     | 29.73  |              |            | 29.73    | 0.3           | Quoted    | C       | 2           | 0.02              |
| 1"                 | Locknut - Steel                                   | 8   | C       | 19.28  | 0     | 19.28  |              |            | 19.28    | 1.54          | Quoted    | C       | 1.3         | 0.104             |
| 1-1/2"             | Locknut - Steel                                   | 2   | C       | 172.19 | 20    | 137.75 |              |            | 137.75   | 2.76          | Normal    | C       | 2           | 0.04              |
| 1-1/2"             | Locknut - Steel                                   | 2   | C       | 37.64  | 0     | 37.64  |              |            | 37.64    | 0.75          | Quoted    | C       | 2           | 0.04              |
| 1-1/2"             | T Conduit Body - PVC w/ Cover & Gasket            | 1   | C       | 627.55 | 0     | 627.55 |              |            | 627.55   | 6.28          | Quoted    | C       | 85          | 0.85              |
| 1-1/2"             | Male Adapter - PVC Socket to Box                  | 2   | C       | 368.51 | 35    | 239.53 |              |            | 239.53   | 4.79          | Normal    | C       | 25          | 0.5               |
| 1-1/2" to 1"       | Reducer Bushing Female - PVC                      | 2   | C       | 187.85 | 0     | 187.85 |              |            | 187.85   | 3.76          | Quoted    | C       | 6.5         | 0.13              |
| 1"                 | Measure Cut & Thread Labor - RMC Galvanized       | 2   | E       | 0      | 0     |        |              |            |          |               | No Cost   | C       | 12          | 0.24              |
| 1"                 | Field Bend No Cut Labor - RMC Galvanized          | 2   | E       | 0      | 0     |        |              |            |          |               | No Cost   | E       | 1.2         | 2.4               |
|                    | PVC Cement All-Weather (1-Quart)                  | 1   | E       | 7.29   | 0     | 7.29   |              |            | 7.29     | 7.29          | Quoted    | E       | 0.1         | 0.1               |
|                    | Thread Lubricant (Bottle)                         | 1   | E       | 24.88  | 0     | 24.88  |              |            | 24.88    | 24.88         | Quoted    | E       |             |                   |
| 6" H x 6" W x 4" D | Junction Box Hinged Cover NEMA 3R - Painted Steel | 2   | E       | 64.83  | 0     | 64.83  |              |            | 64.83    | 129.66        | Quoted    | E       | 1           | 2                 |
| 1-1/2"             | 1-Hole Strap Steel PVC Coated - PVC               | 63  | C       | 1096   | 35    | 712.41 |              |            | 712.41   | 450.24        | Normal    | C       | 4.25        | 2.686             |
| 1"                 | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 34  | C       | 148.24 | 0     | 148.24 |              |            | 148.24   | 50.4          | Quoted    | C       | 12.5        | 4.25              |
| 1-1/2"             | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 10  | C       | 189.74 | 0     | 189.74 |              |            | 189.74   | 18.97         | Quoted    | C       | 27.5        | 2.75              |
| 1/4-20 x 1-3/4"    | Stud (Wedge) Anchor - Stainless Steel 304         | 50  | C       | 220.63 | 0     | 220.63 |              |            | 220.63   | 110.32        | Quoted    | C       | 16          | 8                 |
| 1/4" x 1-3/4"      | Concrete Screw Hex Head - Plated Steel Blue       | 63  | C       | 99.1   | 20    | 79.28  |              |            | 79.28    | 50.1          | Normal    | C       | 16          | 10.112            |
|                    | CORE DRILL 1"                                     | 2   | E       | 0      | 0     |        |              |            |          |               | No Cost   | E       | 1           | 2                 |
|                    | CORE DRILL 1-1/2"                                 | 1   | E       | 0      | 0     |        |              |            |          |               | No Cost   | E       | 1.1         | 1.1               |
|                    | KNOCKOUT 1-1/2"                                   | 1   | E       | 0      | 0     |        |              |            |          |               | No Cost   | E       | 0.65        | 0.65              |
|                    | SIKAFLEX HOLES                                    | 3   | E       | 13     | 0     | 13     |              |            | 13       | 39            | Quoted    | E       | 1.5         | 4.5               |
|                    | KNOCKOUT 1"                                       | 2   | E       | 0      | 0     |        |              |            |          |               | No Cost   | E       | 0.24        | 0.48              |
|                    |                                                   |     |         |        |       |        |              |            |          | 1175.91       |           |         |             | 78.248            |



**LEGEND:**

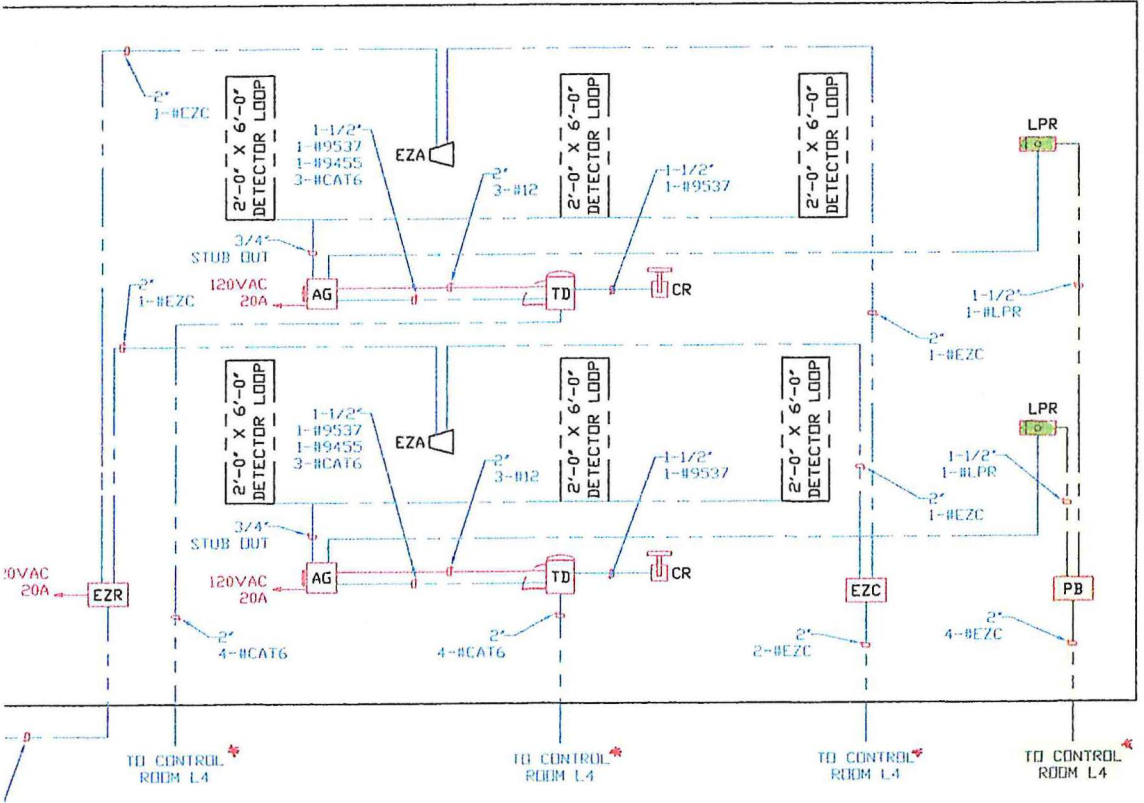
- AG = AUTOGATE
  - CC = CC ONLY PAYSTATION
  - CR = CARD READER
  - EZA = E-ZPASS PLUS ANTENNA
  - EZE = E-ZPASS ENCLOSURE
  - EZR = E-ZPASS READER
  - LPR = LICENSE PLATE RECOGNITION
  - LR = LAG READER/EXPRESSPARC
  - PB = ELECTRICAL PULL BOX
  - PS = PAY STATION
  - PP = PROTECTION POST
  - TD = TICKET DISPENSER
- = 120VAC
  - = LOW VOLTAGE CONTROL
  - #1216 = 18AWG 6 LPR - TRIGGER LOOP
  - #9455 = 9 COND - CONTROL
  - #9537 = 7 COND W/SHIELD - WEIGAND
  - #CAT6 = ETHERNET - NETWORK
  - #EZX = COMSCOPE NLMR400
  - #EZX = 6 COND GUARD CABLE 345483
  - #LPR = 4 COND W/ETHERNET (CUSTOM) - GENETEC PWR/DATA

**NOTES:**

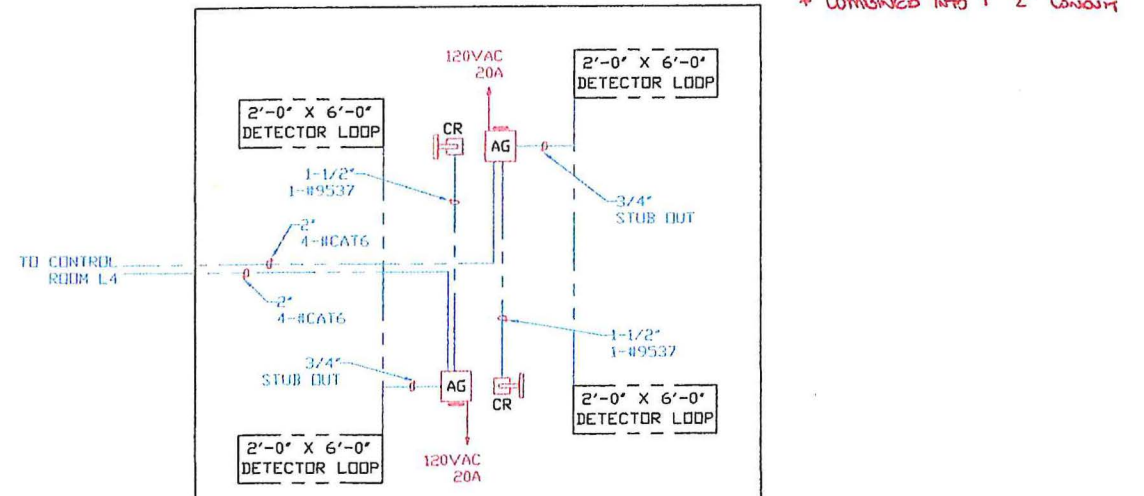
- 120VAC TO GATE MUST NOT DROP BELOW 105VAC WITH A 15A LOAD
- EQUIPMENT IS DESIGNED TO BE MOUNTED ON 6" HIGH LEVEL CONCRETE ISLAND.
- EQUIPMENT IS DESIGNED FOR AUTOMOBILE TRAFFIC ONLY - NO MOTORCYCLES, BICYCLES, OR PEDESTRIANS.
- DETECTOR LOOPS AND THEIR CONDUIT WILL BE IMBEDDING CONCRETE. WHEN THE CONDUIT OR LOOP CROSSES AN EXPANSION JOINT APPROPRIATE MEASURE MUST BE TAKEN.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS BASED ON TYPICAL CONFIGURATIONS. WE MAKE NO REPRESENTATIONS AS TO ITS ACCURACY, COMPLETENESS OR SUITABILITY FOR A PARTICULAR APPLICATION. IT IS THE RESPONSIBILITY OF THE INSTALLER TO VERIFY ALL INFORMATION CONTAINED HEREIN AS IT RELATES TO THE ACTUAL SYSTEM DESIGN, SITE CONDITIONS, AND CODE REQUIREMENTS.

GARAGE LEVEL 3 CONDUIT



GARAGE LEVEL 4 CONDUIT



**AMANO McGANN**

PARKING, REVENUE, ACCESS SYSTEMS, AND SOFTWARE

2699 PATTON ROAD  
ROSEVILLE, MN 55113  
(612) 331-2020

PROJECT

ALBANY INTL AIRPORT  
NEW PARKING GARAGE

TITLE

ELECTRICAL LAYOUT

|         |               |
|---------|---------------|
| DATE    | BY            |
| 1/31/19 | -             |
| SIZE    | SCALE         |
| D       | 3/16" = 1'-0" |

NOTES:

REFERENCE  
DRAWING  
ONLY

| REV | DATE | BY |
|-----|------|----|
|     |      |    |

DRAWING NUMBER

2075-03

**Change Order Request**

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 11/2/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 47 - PCO 076 - RFI 233

Description of Change:

| Description | Scope of Work                         | Cost             |
|-------------|---------------------------------------|------------------|
| Electrical  |                                       | 11,533.00        |
|             | <b>Subtotal of Costs</b>              | <b>11,533.00</b> |
|             |                                       |                  |
|             | <u>Change Order Add Ons</u>           |                  |
|             | Fee                                   | 577.00           |
|             | GL Insurance                          | 123.00           |
|             | P&P Bond                              | 74.00            |
|             |                                       | <u>74.00</u>     |
|             | <b>Total For Change Order Request</b> | <b>12,307.00</b> |

*Is Cor 6 Cable by OTHERS (ACAA)*  
*Power For LPR cameras is shown on Aronov McGowan Drawing included in Addendum 2 DATED 08.02.09*  
*REUSE + RESUBMIT*

**VOID**

|                                        |                                           |                             |
|----------------------------------------|-------------------------------------------|-----------------------------|
| <b>Albany County Airport Authority</b> | <b>LeChase Construction Services, LLC</b> | <b>Other: If Applicable</b> |
| Print: _____                           | Print: _____                              | Print: _____                |
| Signed: _____                          | Signed: _____                             | Signed: _____               |
| Date: _____                            | Date: _____                               | Date: _____                 |





# RFI #233

TCCo New York North  
 1 Computer Drive South  
 Albany, New York 12205  
 Phone: (518) 432-0277  
 Fax: (518) 432-0279

**Project:** 190154 - 989 [Parking Garage] Albany Airport  
 737 Albany Shaker Road  
 Albany, New York 12205  
 Phone: (518) 852-1093

## [989 GC] Conduit Detail at Vehicular Bridge

|                         |                        |                         |                                                 |
|-------------------------|------------------------|-------------------------|-------------------------------------------------|
| <b>TO:</b>              | Matt Librizzi          | <b>FROM:</b>            | Zachary Johnson (LeChase Construction [989-GC]) |
| <b>DATE INITIATED:</b>  | 10/15/2019             |                         | 229 Harborside Drive, Suite #301                |
| <b>LOCATION:</b>        | Vehicular Bridge       |                         | Schenectady, New York 12305                     |
| <b>PROJECT STAGE:</b>   | Course of Construction | <b>STATUS:</b>          | Closed                                          |
| <b>SUB JOB:</b>         |                        | <b>DUE DATE:</b>        | 10/18/2019                                      |
| <b>COST IMPACT:</b>     | Yes (Unknown)          | <b>COST CODE:</b>       |                                                 |
| <b>DRAWING NUMBER:</b>  |                        | <b>SCHEDULE IMPACT:</b> | TBD                                             |
| <b>LINKED DRAWINGS:</b> |                        | <b>SPEC SECTION:</b>    |                                                 |
|                         |                        | <b>REFERENCE:</b>       |                                                 |

**RECEIVED FROM:** Zachary Johnson (LeChase Construction [989-GC])

**COPIES TO:**  
 Sonia Bangalore (Parsons), Clifford Cool (Creighton Manning), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor), John O'Donnell, PE (Albany County Airport Authority), Eileen O'Neil (Ambient Environmental Inc.), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons)

### Question from Zachary Johnson (LeChase Construction [989-GC]) at 04:36 PM on 10/15/2019

At the vehicular bridge it is our understanding that we are to run two 1" conduits to the corbels on each side of the bridge. As depicted in the detail attached these conduits are shown to be installed on the outside face of the wing walls. Is the intent to surface mount these conduits exposed on the wing walls and than stub though the precast walls? Suggestion- Aesthetically we believe a good choice would be to core the conduits through the wingwalls ,run the conduit on the inside of the bridge foundation so this is not visible and than stub through wall parallel to the garage. Also, we currently do not have a design for the wiring of these vehicular bridge cameras, this was discussed in the coordination meeting 10/11/19. Please provide all diagrams/drawings for wiring associated with the vehicular bridge.

**Attachments:**  
[Camera Conduit Locations.pdf](#)

**Official Response:** Matt Librizzi () responded on Monday, October 21st, 2019 at 9:55AM EDT  
 Each LPR camera will require a single Cat6 cable and an 18 AWG 6 strand conductor low voltage cable. Both cables will use a single 1-1/2" conduit. No 120V power needed for the the LPR cameras, cameras are powered by Power Over Ethernet (POE).

**Attachments:**

**Official Response:** Mark Anderson (CHA - Clough Harbor ) responded on Friday, October 18th, 2019 at 4:42PM EDT  
 CHA Response: CHA takes no exception to the proposed conduit routing in the inside of the bridge. As for the wiring of the camera's this information will need to be obtained from Amano McGann.

**Attachments:**

BY \_\_\_\_\_ DATE \_\_\_\_\_ COPIES TO \_\_\_\_\_

**CHANGE ORDER REQUEST**



|                                                                    |                                              |
|--------------------------------------------------------------------|----------------------------------------------|
| <b>Contractor:</b> <u>Infrastructure</u>                           | <b>Albany Airport Parking Garage 989-GCR</b> |
| <b>Contractor COR #:</b> _____                                     | <b>Date:</b> <u>10/24/19</u>                 |
| <b>Bid Package #:</b> <u>989-GC Bulletin 03 (IB3-PEC) 05/22/19</u> | <b>PCO #:</b> <u>PCO-010</u>                 |
|                                                                    | <b>Building/Area:</b> <u>Parking Garage</u>  |

**Change Order Reference Document:**  
 RFI #: 233      Bulletin #: \_\_\_\_\_      Other: \_\_\_\_\_

**Description of Change:**  
 Each LPR camera will require a single Cat6 cable and an 18 AWG 6 strand conductor low voltage cable. Both cables will use a single 1-1/2" conduit.  
 No 120V power needed for the the LPR cameras, cameras are powered by Power Over Ethernet (POE).

**Justification**

**Change Order Attachment List:**

|                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

|                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:**

| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | <b>Days to Complete Added Scope:</b>                                                                                                                                                                                                |                                  |                                    |          |          |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------|----------|----------|
|                                                                               | 10                                                                                                                                                                                                                                  |                                  |                                    |          |          |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime         | <table border="1" style="font-size: small;"> <tr> <th>Current Contract Completion Date</th> <th>Adjusted Contract Completion Date:</th> </tr> <tr> <td align="center">03/12/20</td> <td align="center">03/12/20</td> </tr> </table> | Current Contract Completion Date | Adjusted Contract Completion Date: | 03/12/20 | 03/12/20 |
| Current Contract Completion Date                                              | Adjusted Contract Completion Date:                                                                                                                                                                                                  |                                  |                                    |          |          |
| 03/12/20                                                                      | 03/12/20                                                                                                                                                                                                                            |                                  |                                    |          |          |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable                 |                                                                                                                                                                                                                                     |                                  |                                    |          |          |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

Subcontractor: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

LeChase: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Request Termination:**

Volded      **Explanation:** \_\_\_\_\_

Denied

**CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET**

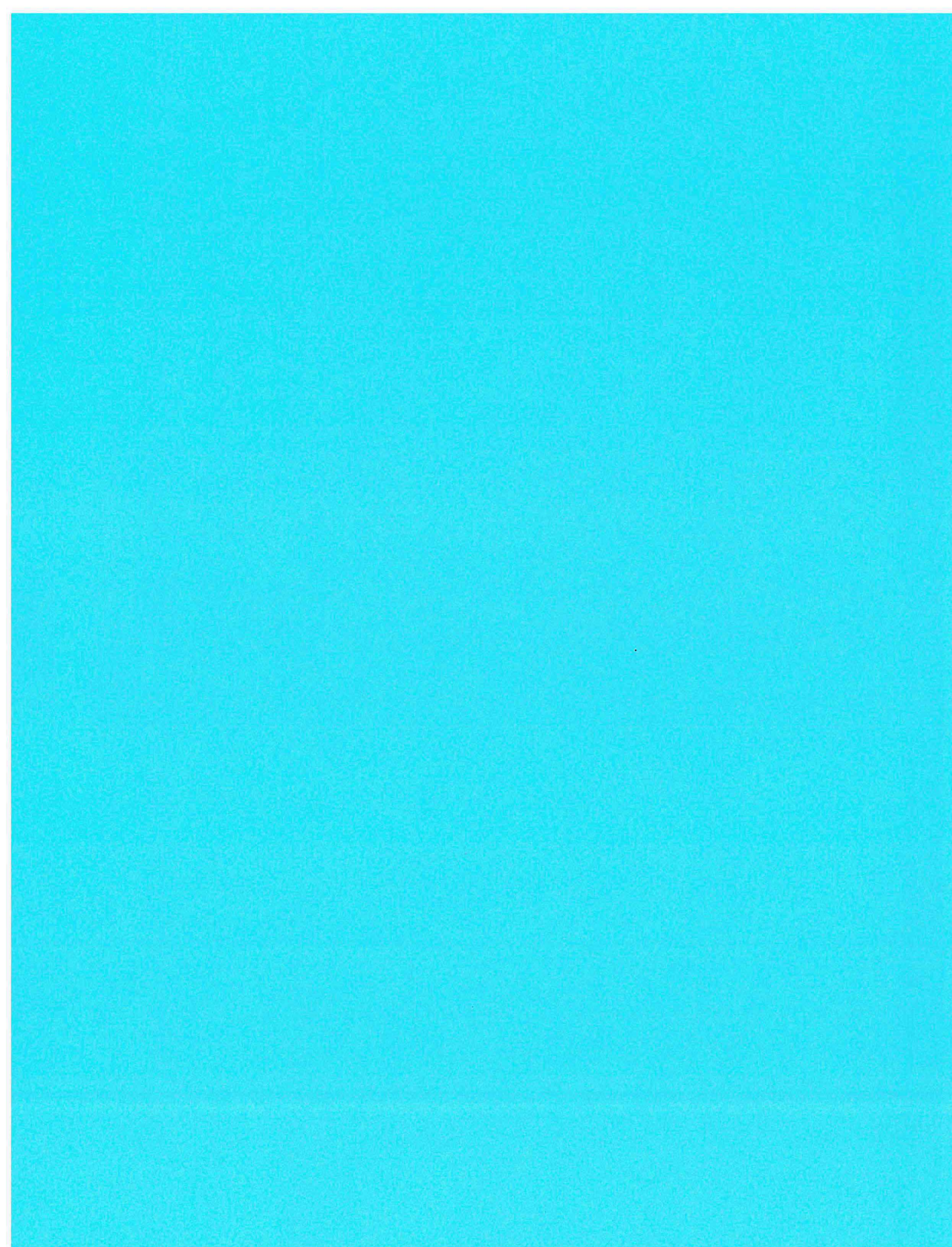
Project Name: Albany Airport Parking Garage 989-GCR  
 Building / Area: Parking Garage  
 PCO #: 10  
 COR #:

| MWBE Participatin: Percentage Overall |       |
|---------------------------------------|-------|
| MBE                                   | #REF! |
| WBE                                   | #REF! |

Subcontractor/Vendor: Infrastructure  
 BP #:  
 Change Order Source: RFI-233

| Item No                                                      | WBS/CSI Cost Code | Description        | Materials & Equipment |      |            |            | Subcontract |        |           |          | Fully Burdened Labor Rate |                  |                   |             | Duration      |                | MBE Contractor Total | WBE Contractor Total |             |            |             |        |       |
|--------------------------------------------------------------|-------------------|--------------------|-----------------------|------|------------|------------|-------------|--------|-----------|----------|---------------------------|------------------|-------------------|-------------|---------------|----------------|----------------------|----------------------|-------------|------------|-------------|--------|-------|
|                                                              |                   |                    | Qty                   | Unit | Unit Cost  | Subtotal   | Qty         | Unit   | Unit Cost | Subtotal | Straight Hours            | Time + 1/2 Hours | Double Time Hours | Labor Costs | EO Time & 1/2 | EO Double Time |                      |                      | Total       | Start      | Finish      |        |       |
| 1                                                            | AV                | CHANGES IN RFI-233 | 1                     | ea   | \$1,270.59 | \$1,270.59 | 1           | ea     | \$0.00    |          |                           | 63               | 35                | 0           | \$0.00        | 110.01         | 137.25               |                      |             | \$9,121.09 | #REF!       | #REF!  |       |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            | #REF!       | #REF!  |       |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
|                                                              |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      |             |            |             | #REF!  | #REF! |
| <b>Net Subtotals:</b>                                        |                   |                    |                       |      | \$1,270.59 | \$1,270.59 |             |        | \$0.00    |          |                           | 63               | 35                | 0           | \$0.00        | 110.01         | 137.25               |                      |             | \$9,121.09 | #REF!       | #REF!  |       |
| <b>Total SGA &amp; OH+P</b>                                  |                   |                    |                       |      | \$127.06   |            |             | \$0    |           |          |                           |                  |                   |             |               |                |                      |                      |             |            | \$912.11    | 10.00% |       |
| <b>Tax (if applicable)</b>                                   |                   |                    |                       |      | \$101.65   |            |             | \$0.00 |           |          |                           |                  |                   |             |               |                |                      |                      |             |            | \$0.00      |        |       |
| <b>Total</b>                                                 |                   |                    |                       |      | \$1,499.30 |            |             | \$0    |           |          |                           |                  |                   |             |               |                |                      |                      |             |            | \$10,033.20 |        |       |
| <b>Total Labor:</b>                                          |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      | \$10,033.20 |            |             |        |       |
| <b>Total Materials, Subcontract &amp; Labor, &amp; OH+P:</b> |                   |                    |                       |      |            |            |             |        |           |          |                           |                  |                   |             |               |                |                      |                      | \$11,532.49 |            |             |        |       |

| Attributes         | Item Description                                  | Qty | Price U | Price  | Disc. | Cost   | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond | Labor U | Field Labor | Total Field Labor |
|--------------------|---------------------------------------------------|-----|---------|--------|-------|--------|--------------|------------|----------|---------------|-----------|---------|-------------|-------------------|
| 1"                 | Conduit - PVC 80 10' Lengths                      | 80  | C       | 45.28  | 0     | 45.28  |              |            | 45.28    | 36.22         | Quoted    | C       | 6           | 4.6               |
| 1-1/2"             | Conduit - PVC 80 10' Lengths                      | 310 | C       | 71.01  | 0     | 71.01  |              |            | 71.01    | 220.13        | Quoted    | C       | 8           | 24.8              |
| 1"                 | Conduit - RMC Galvanized 10' Lengths              | 2   | C       | 279.33 | 0     | 279.33 |              |            | 279.33   | 5.59          | Quoted    | C       | 7           | 0.14              |
| 1"                 | Elbow 90 Degree - PVC 80 Plain End                | 6   | C       | 58.35  | 0     | 58.35  |              |            | 58.35    | 3.5           | Quoted    | C       | 28.8        | 1.728             |
| 1-1/2"             | Elbow 90 Degree - PVC 80 Plain End                | 4   | C       | 111.69 | 0     | 111.69 |              |            | 111.69   | 4.47          | Quoted    | C       | 46          | 1.84              |
| 1"                 | Coupling - PVC                                    | 12  | C       | 16.59  | 0     | 16.59  |              |            | 16.59    | 1.89          | Quoted    | C       | 1.8         | 0.216             |
| 1-1/2"             | Coupling - PVC                                    | 10  | C       | 30.86  | 0     | 30.86  |              |            | 30.86    | 3.09          | Quoted    | C       | 2.5         | 0.25              |
| 1"                 | Coupling - RMC Galvanized                         | 2   | C       | 176.08 | 0     | 176.08 |              |            | 176.08   | 3.52          | Quoted    | C       | 1.8         | 0.036             |
| 1"                 | Connector - PVC Socket to Threaded                | 4   | C       | 25.91  | 0     | 25.91  |              |            | 25.91    | 1.04          | Quoted    | C       | 18          | 0.72              |
| 1-1/2"             | Connector - PVC Socket to Threaded                | 2   | C       | 40.19  | 0     | 40.19  |              |            | 40.19    | 0.8           | Quoted    | C       | 25          | 0.5               |
| 1"                 | Bushing - Plastic 105 Degree                      | 2   | C       | 18.06  | 0     | 18.06  |              |            | 18.06    | 0.36          | Quoted    | C       | 1.3         | 0.026             |
| 1-1/2"             | Bushing - Plastic 105 Degree                      | 1   | C       | 29.73  | 0     | 29.73  |              |            | 29.73    | 0.3           | Quoted    | C       | 2           | 0.02              |
| 1"                 | Locknut - Steel                                   | 8   | C       | 19.28  | 0     | 19.28  |              |            | 19.28    | 1.54          | Quoted    | C       | 1.3         | 0.104             |
| 1-1/2"             | Locknut - Steel                                   | 2   | C       | 37.64  | 0     | 37.64  |              |            | 37.64    | 0.75          | Quoted    | C       | 2           | 0.04              |
| 1-1/2"             | T Conduit Body - PVC w/ Cover & Gasket            | 1   | C       | 627.55 | 0     | 627.55 |              |            | 627.55   | 6.28          | Quoted    | C       | 85          | 0.85              |
| 1-1/2" to 1"       | Reducer Bushing Female - PVC                      | 2   | C       | 187.85 | 0     | 187.85 |              |            | 187.85   | 3.76          | Quoted    | C       | 6.5         | 0.13              |
| 1"                 | Measure Cut & Thread Labor - RMC Galvanized       | 2   | E       | 0      | 0     |        |              |            |          | No Cost       | C         |         | 12          | 0.24              |
| 1"                 | Field Bend No Cut Labor - RMC Galvanized          | 2   | E       | 0      | 0     |        |              |            |          | No Cost       | E         |         | 1.2         | 2.4               |
|                    | PVC Cement All-Weather (1-Quart)                  | 1   | E       | 7.29   | 0     | 7.29   |              |            | 7.29     | 7.29          | Quoted    | E       | 0.1         | 0.1               |
|                    | Thread Lubricant (Bottle)                         | 1   | E       | 24.88  | 0     | 24.88  |              |            | 24.88    | 24.88         | Quoted    | E       |             |                   |
| 6" H x 6" W x 4" D | Junction Box Hinged Cover NEMA 3R - Painted Steel | 2   | E       | 64.83  | 0     | 64.83  |              |            | 64.83    | 129.66        | Quoted    | E       | 1           | 2                 |
| 1"                 | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 34  | C       | 148.24 | 0     | 148.24 |              |            | 148.24   | 50.4          | Quoted    | C       | 12.5        | 4.25              |
| 1-1/2"             | Conduit Clip Snap Close w/ 1/4-20 Threaded Hole   | 63  | C       | 189.74 | 0     | 189.74 |              |            | 189.74   | 119.54        | Quoted    | C       | 27.5        | 17.325            |
| 1/4-20 x 1-3/4"    | Stud (Wedge) Anchor - Stainless Steel 304         | 103 | C       | 220.63 | 0     | 220.63 |              |            | 220.63   | 227.25        | Quoted    | C       | 16          | 16.48             |
|                    | CORE DRILL 1"                                     | 2   | E       | 0      | 0     |        |              |            |          | No Cost       | E         |         | 1           | 2                 |
|                    | CORE DRILL 1-1/2"                                 | 1   | E       | 0      | 0     |        |              |            |          | No Cost       | E         |         | 1.1         | 1.1               |
|                    | KNOCKOUT 1-1/2"                                   | 1   | E       | 0      | 0     |        |              |            |          | No Cost       | E         |         | 0.65        | 0.65              |
|                    | SIKAFLEX HOLES                                    | 3   | E       | 13     | 0     | 13     |              |            | 13       | 39            | Quoted    | E       | 1.5         | 4.5               |
|                    | KNOCKOUT 1"                                       | 2   | E       | 0      | 0     |        |              |            |          | No Cost       | E         |         | 0.24        | 0.48              |
|                    | CAT-6 CABLE                                       | 720 | M       | 280.44 | 0     | 280.44 |              |            | 280.44   | 201.92        | Quoted    | M       | 7           | 5.04              |
|                    | 18AWG 8 CONDUCTOR PVC JACKET                      | 720 | M       | 246.27 | 0     | 246.27 |              |            | 246.27   | 177.31        | Quoted    | M       | 8           | 5.76              |
|                    |                                                   |     |         |        |       |        |              |            |          | 1270.59       |           |         |             | 88.525            |



**Change Order Request**

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 12/11/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

Change Order Request # : 59 - PCO 083 - RFI 230

Description of Change: This COR is for all additional work associated with direction provided in RFI 230. Scope includes caulking vertical joint at bridge and horizontal expansion joints. No time extension required.

| Description                  | Scope of Work            | Cost            |
|------------------------------|--------------------------|-----------------|
| Waterproofing/Joint Sealants |                          | 7,700.00        |
|                              | <b>Subtotal of Costs</b> | <b>7,700.00</b> |

Change Order Add Ons

|              |        |
|--------------|--------|
| Fee          | 385.00 |
| GL Insurance | 82.00  |
| P&P Bond     | 49.00  |

**Total For Change Order Request** 8,216.00 ✓

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_



# RFI #230

TCCo New York North  
 1 Computer Drive South  
 Albany, New York 12205  
 Phone: (518) 432-0277  
 Fax: (518) 432-0279

**Project:** 190154 - 989 [Parking Garage] Albany Airport  
 737 Albany Shaker Road  
 Albany, New York 12205  
 Phone: (518) 852-1093

## [989 GC] Expansion Joint Between Garage and Bridge

|                         |                        |                         |                                                 |
|-------------------------|------------------------|-------------------------|-------------------------------------------------|
| <b>TO:</b>              | Jeff Snay (Desman Inc) | <b>FROM:</b>            | Zachary Johnson (LeChase Construction [989-GC]) |
| <b>DATE INITIATED:</b>  | 10/14/2019             |                         | 229 Harborside Drive, Suite #301                |
| <b>LOCATION:</b>        | Vehicular Bridge       |                         | Schenectady, New York 12305                     |
| <b>PROJECT STAGE:</b>   |                        | <b>STATUS:</b>          | Closed                                          |
| <b>SUB JOB:</b>         |                        | <b>DUE DATE:</b>        | 10/17/2019                                      |
| <b>COST IMPACT:</b>     | TBD                    | <b>COST CODE:</b>       |                                                 |
| <b>DRAWING NUMBER:</b>  |                        | <b>SCHEDULE IMPACT:</b> | TBD                                             |
| <b>LINKED DRAWINGS:</b> |                        | <b>SPEC SECTION:</b>    |                                                 |
|                         |                        | <b>REFERENCE:</b>       |                                                 |

**RECEIVED FROM:** Zachary Johnson (LeChase Construction [989-GC])

**COPIES TO:**  
 Sonia Bangalore (Parsons ), Clifford Cool (Creighton Manning), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons ), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor ), John O'Donnell, PE (Albany County Airport Authority), Eileen O'Neil (Ambient Environmental Inc.), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons )

### Question from Zachary Johnson (LeChase Construction [989-GC]) at 10:39 AM on 10/14/2019

At the vehicular bridge we are seeking further details on 2" joint between the precast parking garage wall and the cast in place transportation bridge wall. Instead of installing 2" rigid insulation in the cavity between the bridge and garage, please advise if it would be allowable to install spray foam insulation within the cavity.

Also, it seems that this 2" gap should be sealed and made water tight on all three sides to eliminate water/debris penetrating the cavity. This could be achievable with a prefabricated expansion joint or a combination of backer rod and a field caulk application. On the exterior edges of the joint the 2" foam will be visible and in our opinion will not have a clean look.

Please provide details/a path forward for the following joints.

- A. vertical wall joints between the precast and cast in place wall.
- B. Horizontal join on top of the bridge between the approach slab and the precast decking. We would assume this joint shall be protected from the elements and traffic.

Attached are photos of the conditions we have in the field.

**Attachments:**  
[IMG\\_1745.jpg](#) [IMG\\_1744.jpg](#) [ST-1\\_GARAGE RAMP GENERAL PLAN AND ELEVATION Rev.4 markup \(3\).pdf](#)

#### Official Response: Jeff Snay (Desman Inc) responded on Friday, October 18th, 2019 at 2:37PM EDT

- A. We are in agreement with CHA that the vertical joint between the bridge wall and the precast should have backer rod and sealant at the face to close the gap visually, if spray foam is required to fill that gap between the foam panels and the backer rod, that is also acceptable.
- B. The joint at the road surface would preferably use the same expansion joint material/system that is being used at line 9 & 10 in the interior of the garage.

**Attachments:**  
[RFI 230 DESMAN RESPONSE 10-18-19.pdf](#)

#### Official Response: Jeff Najdowski, PE (CHA - Clough Harbor ) responded on Monday, October 14th, 2019 at 12:04PM EDT

Speaking from the perspective of the vehicle bridge side, high-density, closed cell spray foam would be acceptable to fill the 2" gap between the bridge north wall and the garage. The garage designer must also sign off on this revision.

As for the joint material at the road surface, see the attached "joint detail 1" from ST-18. The plans call for preformed closed cell foam or a preformed seal. We will also accept the joint detail in the attachment called "Backer rod and sealant option." We agree that either of these options would be preferred at the horizontal roadway surface as well as the vertical joints on either side.

**Attachments:**  
[Backer rod and sealant option.JPG](#), [Joint detail 1.JPG](#)



**RFI #230**

BY \_\_\_\_\_

DATE \_\_\_\_\_

COPIES TO \_\_\_\_\_





# RFI #230

TCCo New York North  
1 Computer Drive South  
Albany, New York 12205  
Phone: (518) 432-0277  
Fax: (518) 432-0279

**Project:** 190154 - 989 [Parking Garage] Albany Airport  
737 Albany Shaker Road  
Albany, New York 12205  
Phone: (518) 852-1093

## [989 GC] Expansion Joint Between Garage and Bridge

|                         |                                                                     |                         |                                                                                                                    |
|-------------------------|---------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>              | Jeff Snay (Desman Inc)<br>Jeff Najdowski, PE (CHA - Clough Harbor ) | <b>FROM:</b>            | Zachary Johnson (LeChase Construction [989-GC])<br>229 Harborside Drive, Suite #301<br>Schenectady, New York 12305 |
| <b>DATE INITIATED:</b>  | 10/14/2019                                                          | <b>STATUS:</b>          | Open                                                                                                               |
| <b>LOCATION:</b>        | Vehicular Bridge                                                    | <b>DUE DATE:</b>        | 10/17/2019                                                                                                         |
| <b>PROJECT STAGE:</b>   |                                                                     | <b>COST CODE:</b>       |                                                                                                                    |
| <b>SUB JOB:</b>         |                                                                     | <b>SCHEDULE IMPACT:</b> | TBD                                                                                                                |
| <b>COST IMPACT:</b>     | TBD                                                                 | <b>SPEC SECTION:</b>    |                                                                                                                    |
| <b>DRAWING NUMBER:</b>  |                                                                     | <b>REFERENCE:</b>       |                                                                                                                    |
| <b>LINKED DRAWINGS:</b> |                                                                     |                         |                                                                                                                    |

**RECEIVED FROM:** Zachary Johnson (LeChase Construction [989-GC])

**COPIES TO:**  
Sonia Bangalore (Parsons ), Clifford Cool (Creighton Manning), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons ), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor ), John O'Donnell, PE (Albany County Airport Authority), Eileen O'Neil (Ambient Environmental Inc.), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons )

**Question from Zachary Johnson (LeChase Construction [989-GC]) at 10:39 AM on 10/14/2019**

At the vehicular bridge we are seeking further details on 2" joint between the precast parking garage wall and the cast in place transportation bridge wall. Instead of installing 2" rigid insulation in the cavity between the bridge and garage, please advise if it would be allowable to install spray foam insulation within the cavity.

Also, it seems that this 2" gap should be sealed and made water tight on all three sides to eliminate water/debris penetrating the cavity. This could be achievable with a prefabricated expansion joint or a combination of backer rod and a field caulk application. On the exterior edges of the joint the 2" foam will be visible and in our opinion will not have a clean look.

Please provide details/a path forward for the following joints.  
 A. vertical wall joints between the precast and cast in place wall.  
 B. Horizontal join on top of the bridge between the approach slab and the precast decking. We would assume this joint shall be protected from the elements and traffic.

Attached are photos of the conditons we have in the field.

**Attachments:**  
[IMG\\_1745.jpg](#) [IMG\\_1744.jpg](#) [ST-1\\_GARAGE RAMP GENERAL PLAN AND ELEVATION Rev.4 markup \(3\).pdf](#)

Awaiting an Official Response

### All Replies:

- A. We are in agreement with CHA that the vertical joint between the bridge wall and the precast should have backer rod and sealant at the face to close the gap, if spray foam is required to fill that gap between the foam panels and the backer rod, that is also acceptable.
- B. The joint at the road surface would preferably use the same expansion joint material/system that is being used at line 9 & 10 in the interior of the garage.

BY Jeff Snay DATE 10-18-19 COPIES TO \_\_\_\_\_



# Finger Lakes Waterproofing

P.O. Box 667, Seneca Falls NY13148 Phone: 315-568-6938 dmarr@flxwp.com

November 25, 2019

Zachary Johnson  
LeChase Construction Services LLC  
220 Harborside Drive Suite 301  
Schenectady, NY 12305

Re: Albany Airport Parking Garage 989-GC – RFI#230

Dear Mr. Johnson

Per your request Finger Lakes Waterproofing is providing the following price to do the work as described in RFI#230. Finger Lakes Waterproofing will supply labor and material to caulk the vertical joint on each side of bridge with a silicone sealant. We will also provide labor and material to install the Emseal TCR300 to the horizontal expansion joint.

The price to do this work is as follows:

The price to install sealants is .....\$2,100.00 Labor  
\$1,600.00 Material  
Total \$3,700.00

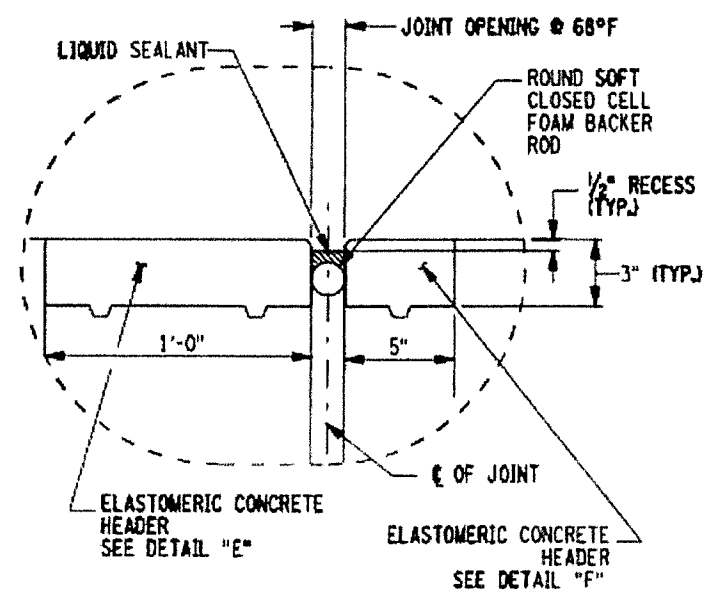
The price to install the expansion joint is.....\$2,100.00 Labor  
\$ 1,900.00 Material  
Total \$4,000.00

Proposal Exclusions:

- Over time or shift work (Price is based on working Monday through Friday, 7am-3:30pm)
- Excludes Permits of any type, which may be required for this project.
- Excludes any Sales Taxes. Please contact us if Taxes are to be paid.
- Excludes Ventilation or air control of any type.
- Excludes temporary heat, weather protection, cold weather provisions, and delays due to the same.
- Excludes any demolition/ removals any concrete and waterproofing or removals of deteriorated material, hazardous materials or abatement of any sort.
- Excludes any confined space requirements.
- Excludes and traffic or pedestrian control.
- Dumpster to be provided by others.

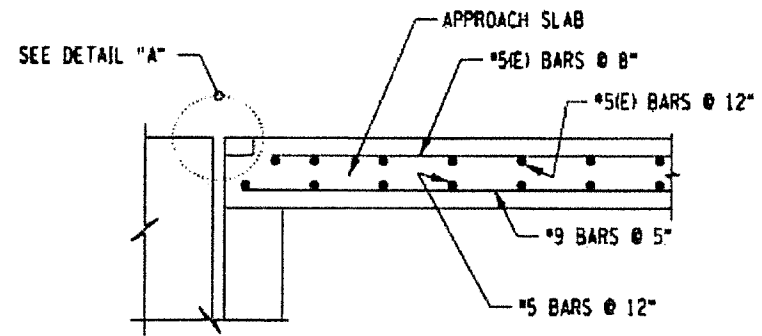
Sincerely,

Dennis Marr  
Finger Lakes Waterproofing, Inc.

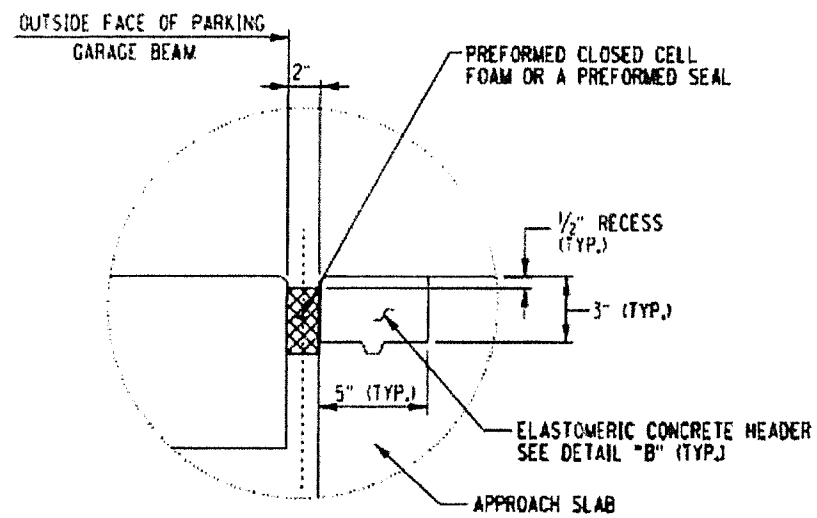


DETAIL "B"  
 POURABLE SEAL  
 ARMORLESS BRIDGE JOINT SECTION  
 AT ABUTMENT  
 NOT TO SCALE

C



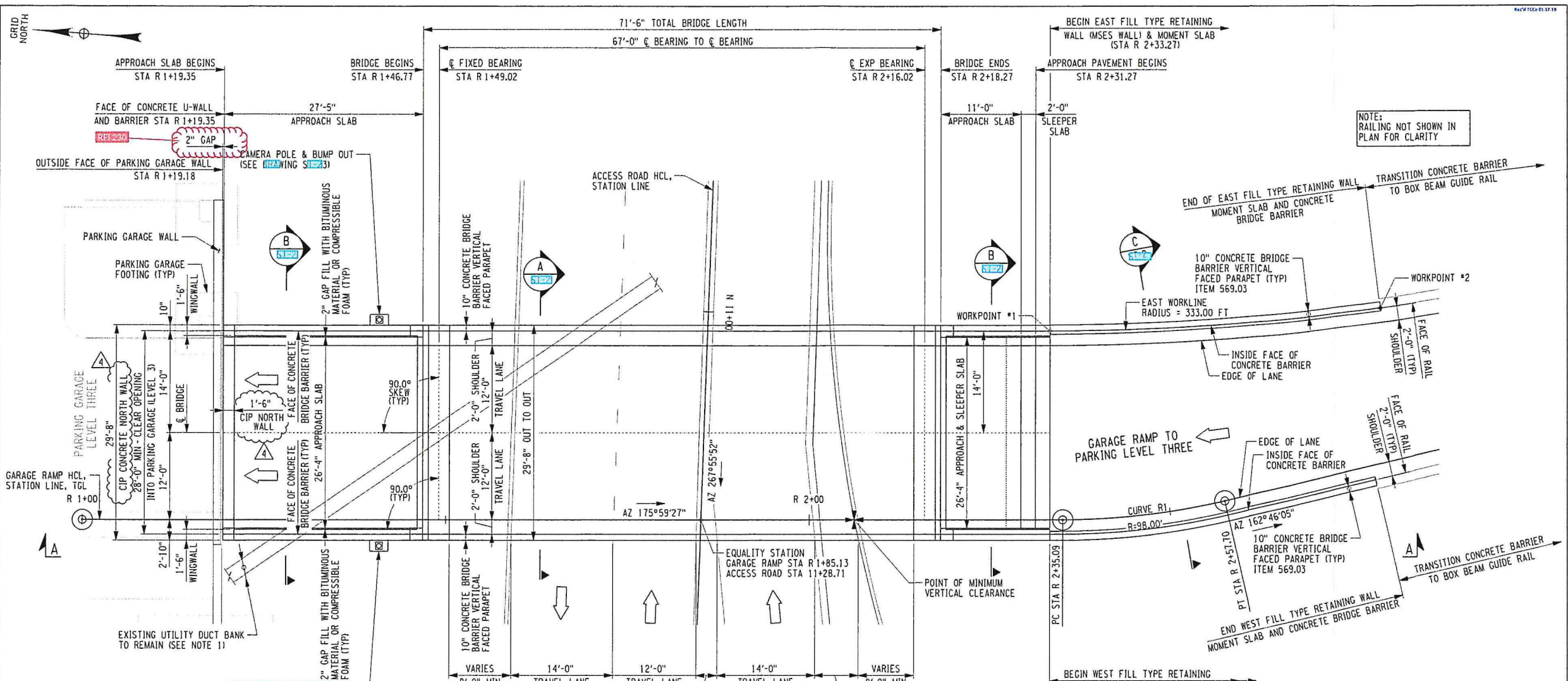
SECTION A-A  
NOT TO SCALE



DETAIL "A"  
NOT TO SCALE



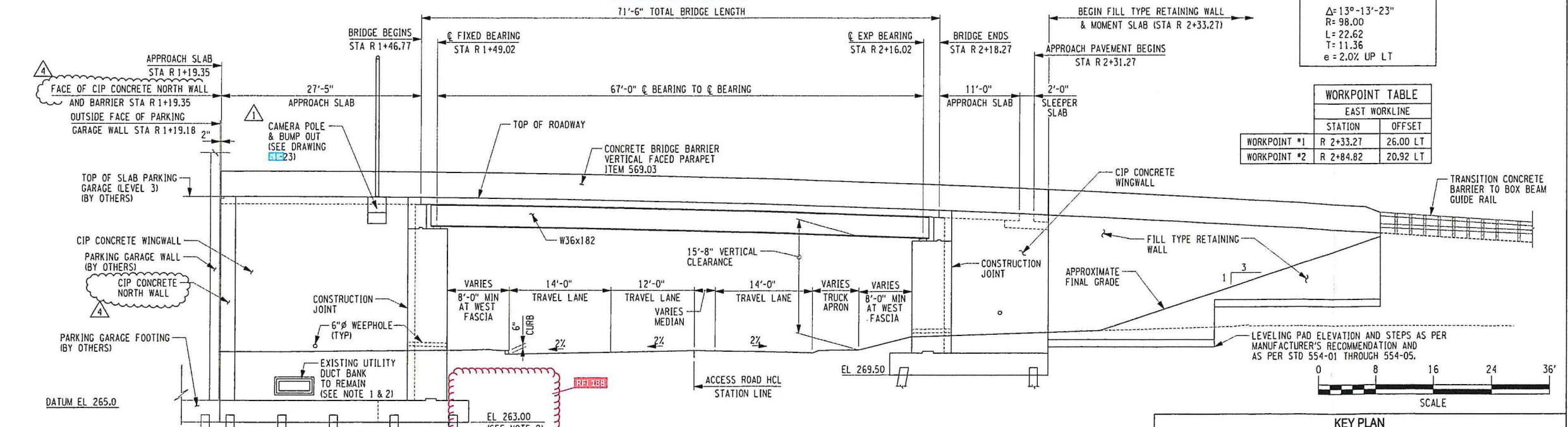
ALBANY COUNTY AIRPORT AUTHORITY



GARAGE RAMP PLAN

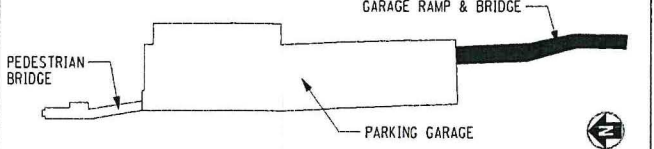
CURVE R1 data table with values: P.C. = STA R 2+35.09, P.T. = STA R 2+57.70, Δ = 13°-13'-23", R = 98.00, L = 22.62, T = 11.36, e = 2.0% UP LT.

WORKPOINT TABLE with columns: STATION, OFFSET, WORKPOINT #1, WORKPOINT #2.



- NOTE: 1. UTILITY DUCT BANK SIZE ASSUMED 2' x 2', CONTRACTOR TO VERIFY ACTUAL SIZE AND ELEVATION OF UTILITY DUCT BANK. 2. CONTRACTOR MUST DETERMINE APPROPRIATE METHOD OF STRUCTURE EXCAVATION TO PROTECT UTILITIES, ROADS, PARKING GARAGE, AND ALL OTHER EXISTING FEATURES TO REMAIN.

KEY PLAN



ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

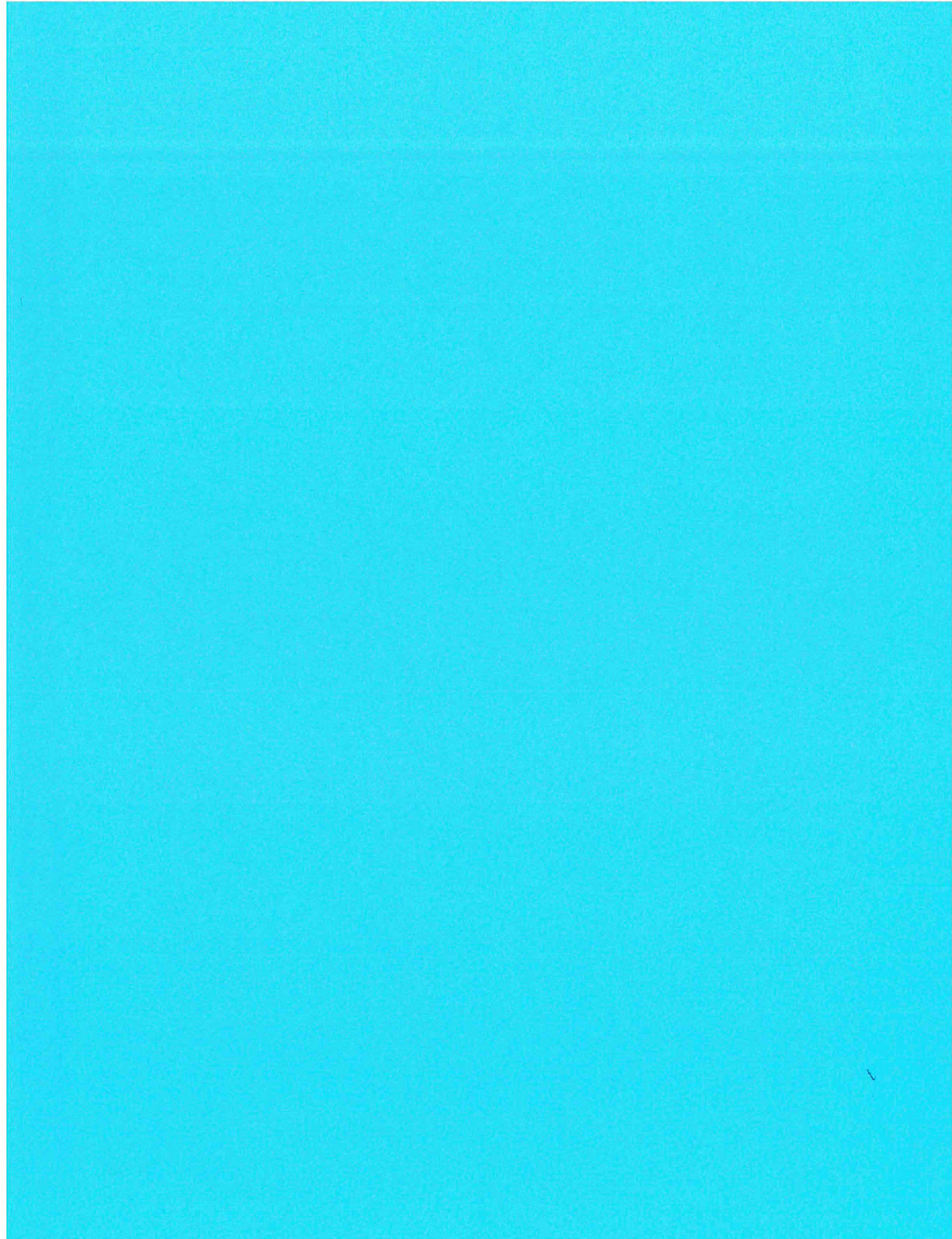
Revision table with columns: No., Date/Description, By, App'd.

GARAGE RAMP GENERAL PLAN AND ELEVATION

Designed By: JCM, Drawn By: PHS, Checked By: PMP, Issue Date: 2/15/10, Project No: 25034, Scale: AS SHOWN, Drawing No: ST-1.

ST-1

FILE NAME: W:\Projects\105000\105000-001\105000-001.dwg, DATE/TIME: 2/15/10 10:20:11 AM, USER: JCM



## Change Order Request

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 12/11/2019

**Owner :** Albany County Airport Authority

**Project:** 1934006 - Albany Airport Parking Garage - 989-GCR

**Reason:**

---

**Change Order Request # :** 61 - PCO 086 - RFI 240

**Description of Change:** This COR is for all additional work assoaited with direction provided in RFI 240. Adjustment of Steel and Framing at exterior of west elevation at Pedestrian Building due to design/steel tolerances required to make exterior wall system work. No time Extension Required.

| Description              | Scope of Work | Cost            |
|--------------------------|---------------|-----------------|
| Structural Steel         |               | 2,693.00        |
| Plaster And Gypsum Board |               | 4,645.00        |
| <b>Subtotal of Costs</b> |               | <b>7,338.00</b> |

**Change Order Add Ons**

|              |        |
|--------------|--------|
| Fee          | 341.00 |
| GL Insurance | 73.00  |
| P&P Bond     | 44.00  |

**Total For Change Order Request** **7,796.00** ✓

---

**Albany County Airport Authority**

**LeChase Construction Services, LLC**

**Other: If Applicable**

**Print:** \_\_\_\_\_

**Print:** \_\_\_\_\_

**Print:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**CHANGE ORDER REQUEST**



**Contractor:** Rosch Brothers Inc. **Albany Airport Parking Garage 989-GCR**  
**Contractor COR #:** 2 **Date:** 12/04/19 /12-12/11/19  
**Bid Package #:** \_\_\_\_\_ **PCO #:** \_\_\_\_\_  
**Building/Area:** Pedestrian Bridge/Building

12/11/19

**Change Order Reference Document:**

RFI #: \_\_\_\_\_ Bulletin #: \_\_\_\_\_ Other: FIELD CONDITION

**Description of Change:**

Additional Labor and material to layout and install; bump out framing at pedestrian bridge to make the wall straight for the siding subcontractor due to the steel not being straight. We will now need to fur out the inside of the wall to bury the steel.

**Justification**

Work not shown on bid drawings due to field condition

**Change Order Attachment List:**

- |                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

- |                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:** TO BE DETERMINED

A - Zero / Noncritical Impact to Schedule

B - Impact Critical, Recoverable w/ Overtime

C - Impact Critical, Not Recoverable

**Days to Complete Added Scope:**

|                         |                          |
|-------------------------|--------------------------|
| 5                       |                          |
| <b>Current Contract</b> | <b>Adjusted Contract</b> |
| <b>Completion Date</b>  | <b>Completion Date:</b>  |
|                         |                          |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

Subcontractor:  12/11/19  
 Name: \_\_\_\_\_ Title: Dir Bie De Date: \_\_\_\_\_

LeChase: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Request Termination:**

- Voided **Explanation:**
- Denied







# RFI #240

TCCo New York North  
 1 Computer Drive South  
 Albany, New York 12205  
 Phone: (518) 432-0277  
 Fax: (518) 432-0279

**Project:** 190154 - 989 [Parking Garage] Albany Airport  
 737 Albany Shaker Road  
 Albany, New York 12205  
 Phone: (518) 852-1093

## [989 GC] Steel and CFMF Adjustments at Pedestrian Bridge

|                         |                                                     |                         |                                                                                                                    |
|-------------------------|-----------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>              | Cody Messier (Bergmann Architects + Engineers )     | <b>FROM:</b>            | Zachary Johnson (LeChase Construction [989-GC])<br>229 Harborside Drive, Suite #301<br>Schenectady, New York 12305 |
| <b>DATE INITIATED:</b>  | 10/21/2019                                          | <b>STATUS:</b>          | Closed                                                                                                             |
| <b>LOCATION:</b>        | Pedestrian Bridge                                   | <b>DUE DATE:</b>        | 10/24/2019                                                                                                         |
| <b>PROJECT STAGE:</b>   | Course of Construction                              | <b>COST CODE:</b>       |                                                                                                                    |
| <b>SUB JOB:</b>         |                                                     | <b>SCHEDULE IMPACT:</b> | No                                                                                                                 |
| <b>COST IMPACT:</b>     | No                                                  | <b>SPEC SECTION:</b>    | 051200 [989-GC] - Structural Steel Framing (Pedestrian Bridge)                                                     |
| <b>DRAWING NUMBER:</b>  |                                                     | <b>REFERENCE:</b>       |                                                                                                                    |
| <b>LINKED DRAWINGS:</b> | <a href="#">PB-S-200</a> , <a href="#">PB-A-302</a> |                         |                                                                                                                    |

**RECEIVED FROM:** Zachary Johnson (LeChase Construction [989-GC])

**COPIES TO:**  
 Sonia Bangalore (Parsons ), Clifford Cool (Creighton Manning), Joe Johnson (Creighton Manning), Christopher Kovary, RA (Parsons ), John LaClair, PE (Albany County Airport Authority), Rich LaRose, AIA (CHA - Clough Harbor ), John O'Donnell, PE (Albany County Airport Authority), Eileen O'Neil (Ambient Environmental Inc.), Eric Riehl (Turner Special Projects Division), Howard Unger, PE (Parsons )

### Question from Zachary Johnson (LeChase Construction [989-GC]) at 12:28 PM on 10/21/2019

As discussed last week with Cody at Bergman we are having an issue with the structural steel that has been installed at the pedestrian bridge and the framing that will be installed in the near future. The HSS8x6 and the HSS12x6 that run horizontally along the west face of the pedestrian building have a 1/2 to 5/8" difference from the north side to south side. Do to the size of the steel being 6" wide and size of the framing being 6" wide we have no room for the steel to be out. After adjusting the steel tubes to the highest level of accuracy possible, we have determined that the framing/steel will have to be adjusted.

**Proposed Solution:**  
 To remedy the tolerance difference in the steel we intend to chose the point in the slab on deck bent angle that protrudes off the building furthest west. This point will be 0" gap. to accommodate the steel differences we suggest adjusting the steel tubes in to a straight line to allow the framing to pass the pour stop in all areas. This will result in a framing/steel line that is no longer parallel with the edge of slab line.

We have determined that this will result in a 1/2" to a 5/8 gap at each of the floor slabs at one end and a 0" gap at the opposite end, please provide a detail at these locations to accommodate for this gap.

Please note our steel is within allowable tolerance, but the design does not allow for any tolerance due to the size of the 6" HSS tubes.

**Attachments:**  
[Steel Adjustment at Pedestrian Bridge.pdf](#)

**Official Response:** Cody Messier (Bergmann Architects + Engineers ) responded on Monday, November 4th, 2019 at 3:03PM EST  
 Per discussion with Turner & LeChase and as built survey points the roof bent plate at column T3-TA will be the set point for the interior face of stud on the west wall without modification to the structural steel. The gap between the interior face of stud and the bent plate will be 0" at T3-TA. Interior gyp walls will require additional furring on the interior side of the stud wall to close the gap between the floor. Gap with will vary per location and shall be verified in field.

**Attachments:**  
[Albany Airport RFI#240 Survey Points.pdf](#), [Field Survey Points from LeChase.pdf](#)

BY \_\_\_\_\_ DATE \_\_\_\_\_ COPIES TO \_\_\_\_\_



(+) ← → (-)

+9/16" 0" H

T1

+7/16" +1/4" H

T2

+1/8" +1/2" +1" +9/16" +5/16" +1/4" H

T3

0" 0" H -1/16" -5/8" -1 1/16" -1"

T4

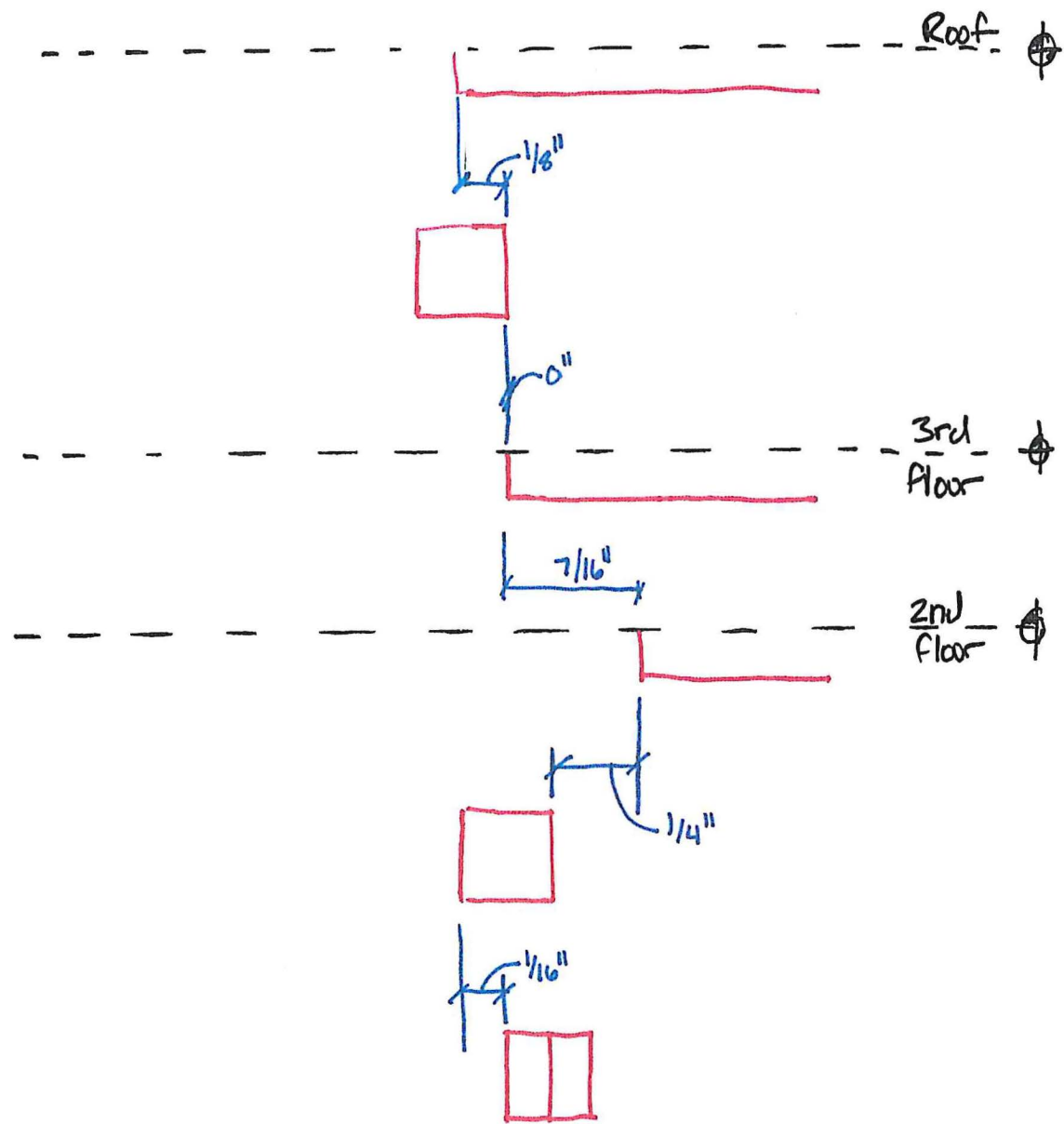
TA

Low HSS  
 High HSS  
 2nd floor pour stop  
 3rd floor pour stop  
 Highest HSS  
 Roof bent plate

30 by 38 blocks at .25 inches

$$\left(\frac{1}{4}'' - \frac{1}{16}''\right) + \frac{7}{16}'' + 0'' + \frac{1}{8}'' = \frac{3}{4}'' \therefore$$

say 1" to  
new back face  
of stud



30 by 38 blocks at .25 inches

## Messier, Cody

---

**From:** Zachary Johnson <Zachary.Johnson@lechase.com>  
**Sent:** Wednesday, October 30, 2019 6:36 AM  
**To:** Riehl, Eric - (NYN)  
**Cc:** Wagner, Robert C - (NYN); Messier, Cody  
**Subject:** RE: 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)  
**Attachments:** Steel Plumbness (2019-10-29).pdf; As-Built Locations (2019-10-29).pdf

Eric/Cody,

Please see the attached field survey of the steel in question.

---

**From:** Zachary Johnson  
**Sent:** Monday, October 28, 2019 11:56 AM  
**To:** 'Riehl, Eric - (NYN)'  
**Cc:** Wagner, Robert C - (NYN); Messier, Cody  
**Subject:** RE: 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)

Took a field survey last Thursday, will have results back today with accurate dimensions.

---

**From:** Riehl, Eric - (NYN) [mailto:eriehl@tcco.com]  
**Sent:** Monday, October 28, 2019 11:55 AM  
**To:** Zachary Johnson  
**Cc:** Wagner, Robert C - (NYN); Messier, Cody  
**Subject:** RE: 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)

Any update on this?

### *Eric Riehl*

Field Engineer

Turner Construction Company | 1 Computer Drive South | Albany, NY 12205  
main office: 518.432-0277 | mobile: 518.390.2623

---

**From:** Riehl, Eric - (NYN) <eriehl@tcco.com>  
**Sent:** Tuesday, October 22, 2019 8:22 AM  
**To:** Zachary Johnson <Zachary.Johnson@lechase.com>  
**Cc:** Wagner, Robert C - (NYN) <rwagner@tcco.com>; Messier, Cody <cmessier@BERGMANNPC.com>  
**Subject:** Fwd: 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)

Zac,

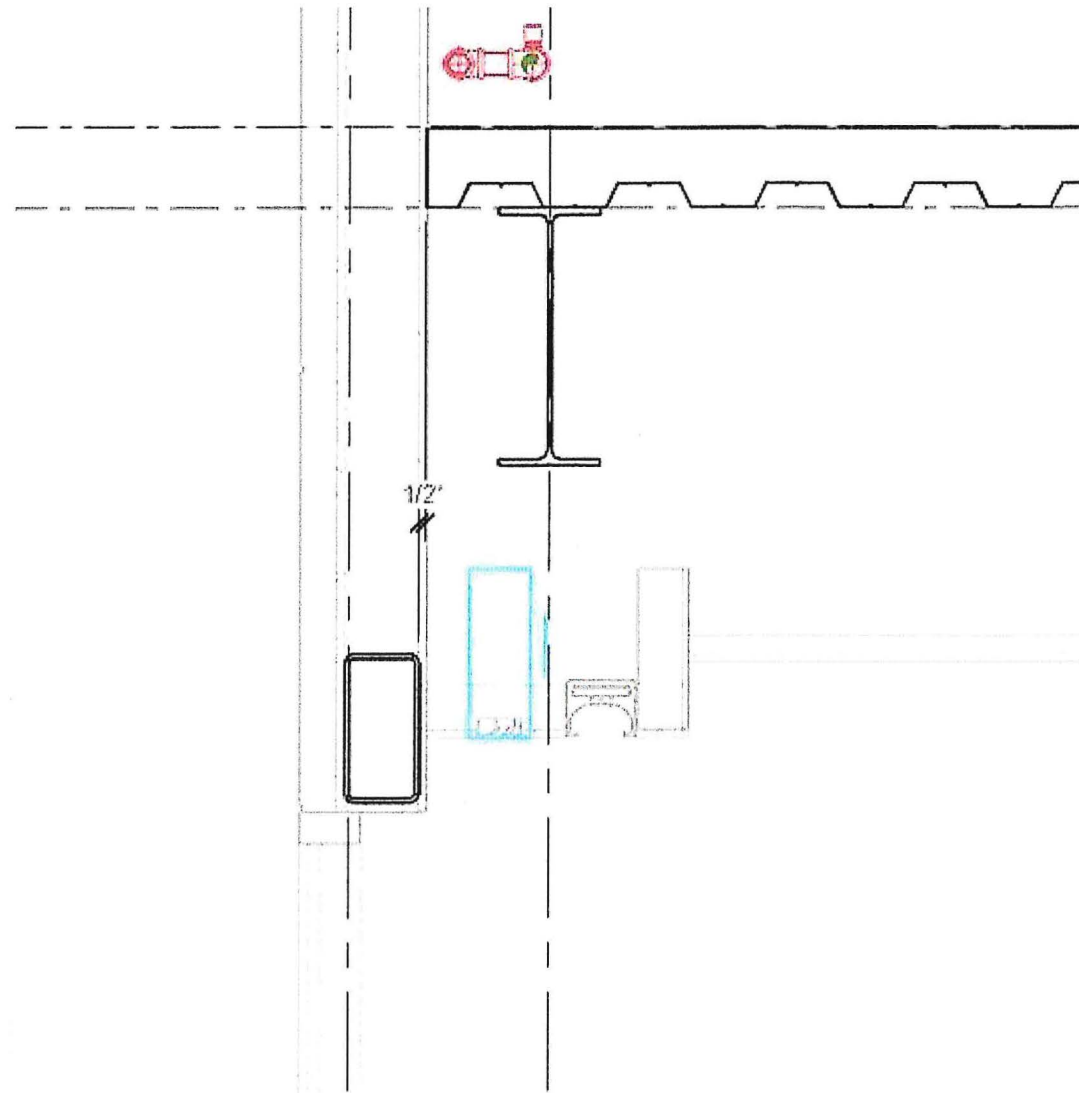
Please advise

Eric Riehl  
Field Engineer

**From:** Messier, Cody <[cmessier@BERGMANNPC.com](mailto:cmessier@BERGMANNPC.com)>  
**Sent:** Tuesday, October 22, 2019 7:45:17 AM  
**To:** Riehl, Eric - (NYN) <[eriehl@tcco.com](mailto:eriehl@tcco.com)>; Wagner, Robert C - (NYN) <[rwagner@tcco.com](mailto:rwagner@tcco.com)>  
**Cc:** Signor, Amy <[asignor@BERGMANNPC.com](mailto:asignor@BERGMANNPC.com)>  
**Subject:** FW: 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)

Rob, Eric,

Do we have any elevation shots of the conditions for the steel being out? Per the record documents we would have a 1/2" gap between the face of the edge of slab pourstop and the inside face of the HSS allowing for 1/2" of tolerance. From my discussion with LeChase last week and the RFI the edge of slab in the field is about 1/2" proud of the inside face of stud.

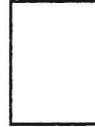


Cody A. Messier, PE, SE | Project Engineer - Structural  
518.556.3635 | [cmessier@bergmannpc.com](mailto:cmessier@bergmannpc.com)

BERGMANN  
Architects | Engineers | Planners

**From:** Eric Riehl (Turner Special Projects Division) <[notifications\\_Turner@procoretech.com](mailto:notifications_Turner@procoretech.com)>  
**Sent:** Monday, October 21, 2019 2:22 PM  
**To:** Messier, Cody <[cmessier@BERGMANNPC.com](mailto:cmessier@BERGMANNPC.com)>  
**Subject:** 989 [Parking Garage] Albany Airport: New RFI 240 ([989 GC] Steel and CFMF Adjustments at Pedestrian Bridge)

## 989 [Parking Garage] Albany Airport



[View online](#) [Open In App](#)  [View PDF](#)

To respond to this RFI simply reply to this email. Need help? [Watch a short training video.](#)

New RFI #240 has been assigned to Messier, Cody (Bergmann Architects + Engineers ) by Zachary Johnson (LeChase Construction [989-GC]) on 10/21/19.

### RFI Details

This RFI is due on Thursday, October 24, 2019.

#### QUESTION 1

Asked By: Zachary Johnson (LeChase Construction [989-GC])  
Date: Mon Oct 21, 2019 at 12:28 pm EDT  
Location: Pedestrian Bridge  
Question: As discussed last week with Cody at Bergman we are having an issue with the structural steel that has been installed at the pedestrian bridge and the framing that will be installed in the near future. The HSS8x6 and the HSS12x6 that run horizontally along the west face of the pedestrian building have a 1/2 to 5/8" difference from the north side to south side. Do to the size of the steel being 6" wide and size of the framing being 6" wide we have no room for the steel to be out. After adjusting the steel tubes to the highest level of accuracy possible, we have determined that the framing/steel will have to be adjusted.

#### Proposed Solution:

To remedy the tolerance difference in the steel we intend to chose the point in the slab on deck bent angle that protrudes off the

building furthest west. This point will be 0" gap. to accommodate the steel differences we suggest adjusting the steel tubes in to a straight line to allow the framing to pass the pour stop in all areas. This will result in a framing/steel line that is no longer parallel with the edge of slab line.

We have determined that this will result in a 1/2" to a 5/8 gap at each of the floor slabs at one end and a 0" gap at the opposite end, please provide a detail at these locations to accommodate for this gap.

Please note our steel is within allowable tolerance, but the design does not allow for any tolerance due to the size of the 6" HSS tubes.

Attachments: [Steel Adjustment at Pedestrian Bridge.pdf](#)

#### ADDITIONAL DETAILS

Project: 989 [Parking Garage] Albany Airport

Subject: [989 GC] Steel and CFMF Adjustments at Pedestrian Bridge

Date Initiated: 10/21/19

Created By: Zachary Johnson (LeChase Construction [989-GC])

Assigned To: Messier, Cody (Bergmann Architects + Engineers )

Responsible Contractor: LeChase Construction [989-GC]

Received From: Zachary Johnson (LeChase Construction [989-GC])

Distribution List: Bangalore, Sonia (Parsons )  
Cool, Clifford (Creighton Manning)  
Johnson, Joe (Creighton Manning)  
Kovary, RA, Christopher (Parsons )  
LaClair, PE, John (Albany County Airport Authority)  
LaRose,AIA, Rich (CHA - Clough Harbor )  
O'Donnell, PE, John (Albany County Airport Authority)  
O'Neil, Eileen (Ambient Environmental Inc.)  
Riehl, Eric (Turner Special Projects Division)  
Unger, PE, Howard (Parsons )

Schedule Impact: No

Cost Impact: No



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As-Built Deviation

- = adjust closer to column

+ = adjust away from column

Field Location Date: 10/24/2019

Submittal Date: 10/29/2019

All values in INCHES (1/16" precision)

| Steel Location | Baseline<br>Face of Column to Proposed<br>Outside Face of Beam | As-Built<br>Face of Column to<br>Outside Face of Beam | As-Built<br>Deviation | Comments                                                      |
|----------------|----------------------------------------------------------------|-------------------------------------------------------|-----------------------|---------------------------------------------------------------|
| A1             | 9-3/16"                                                        | 9-3/16"                                               | 0"                    |                                                               |
| B1             | 8-13/16"                                                       | 8-13/16"                                              | 0"                    |                                                               |
| C1             | 3-3/16"                                                        | 3-1/4"                                                | - 1/16"               | Beam with clips, located at beam face                         |
| D1             | 2-7/8"                                                         | 3-8/16"                                               | - 5/8"                | Beam with clips, located at beam face                         |
| E1             | 8-7/8"                                                         | 9-15/16"                                              | - 1-1/16"             |                                                               |
| F1             | 2-3/4"                                                         | 3-3/4"                                                | - 1"                  | Beam with clips, located at beam face                         |
|                |                                                                |                                                       |                       |                                                               |
| A2 (North)     | 10-3/16"                                                       | 9-15/16"                                              | + 1/4"                |                                                               |
| A2 (South)     |                                                                |                                                       |                       | Not Visible                                                   |
| B2 (North)     | 10-3/8"                                                        | 10-1/16"                                              | + 5/16"               |                                                               |
| B2 (South)     |                                                                |                                                       |                       | Not Visible                                                   |
| C2             | 4-5/16"                                                        | 3-3/4"                                                | + 9/16"               | Projected, Not Visible, Beam with clips, located at beam face |
| D2             | 4-5/16"                                                        | 3-5/16"                                               | + 1"                  | Beam with clips, located at beam face                         |
| E2             | 10-7/16"                                                       | 9-15/16"                                              | + 1/2"                |                                                               |
| F2             | 4-9/16"                                                        | 3-7/16"                                               | + 1-1/8"              | Beam with clips, located at beam face                         |
|                |                                                                |                                                       |                       |                                                               |
| A3 (North)     | 10-11/16"                                                      | 10-1/2"                                               | + 3/16"               |                                                               |
| A3 (South)     | 10-11/16"                                                      | 10-7/16"                                              | + 1/4"                |                                                               |
| B3 (North)     | 10-11/16"                                                      | 10-3/8"                                               | + 5/16"               |                                                               |
| B3 (South)     | 10-11/16"                                                      | 10-1/4"                                               | + 7/16"               |                                                               |
|                |                                                                |                                                       |                       |                                                               |
| A4             | 10-3/4"                                                        | 10-3/4"                                               | 0"                    |                                                               |
| B4             | 9-1/16"                                                        | 8-1/2"                                                | + 9/16"               |                                                               |
|                |                                                                |                                                       |                       |                                                               |
|                |                                                                |                                                       |                       |                                                               |

Note: Baseline (proposed outside face of beam) created with a "best fit" line from as-built survey.

**Albany County Airport Authority  
Work Directive**

|                 |                              |                      |                                            |
|-----------------|------------------------------|----------------------|--------------------------------------------|
| Contractor Name | <u>LeChase Construction</u>  | Change Directive No. | <u>70</u>                                  |
| Contact         | <u>Ryan Faulkner</u>         | Contract No.         | <u>989-GC</u>                              |
| Address         | <u>1473 Erie Boulevard</u>   | Project Name         | <u>Parking Garage General Construction</u> |
| City, State ZIP | <u>Schenectady, NY 12305</u> | Project Location     | <u>Albany International Airport</u>        |

**Basis of Work Directive**

- Error/Omission
- Owner Request
- Value Engineering
- Request for Information
- Differing Site Condition
- Field Resolution
- Information Bulletin

**Adjustment to Contract Sum (indicate if zero cost)**

Add: \$ TBD Deduct: \$ \_\_\_\_\_

**Adjustment to Contract Time**

- No Change
- Days Added \_\_\_\_\_
- Days Deducted \_\_\_\_\_

**Cost Basis (check all that apply)**

- Time & Material Not to Exceed
- Allowance (described below)
- Fixed Price
- Unit Price

**Your company is authorized and directed to proceed with the following (attach additional sheets if needed):**

*Provide the labor and material to make the necessary modifications to the gypsum walls in the pedestrian bridge as outlined in RFI #240*

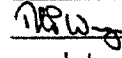
**Justification:**

*[989 GC] RFI #240 response provided by Bergmann. See below*

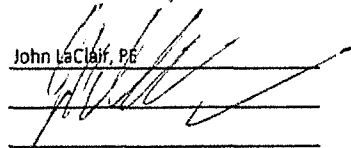
*Per discussion with Turner & LeChase and as built survey points the roof bent plate at column T3-TA will be the set point for the interior face of stud on the west wall without modification to the structural steel. The gap between the interior face of stud and the bent plate will be 0" at T3-TA. Interior gyp walls will require additional furring on the interior side of the stud wall to close the gap between the floor. Gap with will vary per location and shall be verified in field.*

**Special Notice: This Change Directive identifies satisfaction of all compensation and time adjustments related to this change in the Work**

**Construction Manger Recommendation**

Name Robert Wagner  
Signature   
Date 11/12/14

**Contracting Authority Approval**

Name John LaClair, PE  
Signature   
Date \_\_\_\_\_

PC078

**CONTRACT CHANGE NOTICE**

STS Steel, Inc.  
10 Rush Street  
Schenectady, NY 12305  
PHONE (518) 370-2693  
FAX (518) 370-2696

**TO:** LeChase Construction Service  
220 Harborside Dr, Suite 301  
Schenectady, NY 12305

**Date:** October 9, 2019

**ATTN:** Zachary Johnson

**STS Job #** 1903

**RE:** Albany Int Airport – Parking Garage  
Contract 989- GCR

**C.C.N.** #1903-08

**CONTRACT CHANGE NOTICE # 08**

**Description:** Costs outlined below are a result of added field and shop work as a result of inaccurate field survey provided to STS Steel by LeChase in the area of low roof adjacent to existing building. Field was required to cut off/adjust bent plate to hold 2” expansion joint as designated in the contract drawings. STS Steel was required to provide additional bent plate to the field crew for modifications.

|                                           |                        |              |
|-------------------------------------------|------------------------|--------------|
| Material (150 lbs @ \$0.65/lb)            | \$ 97.50               |              |
| Shop Labor (3 hrs @ \$75/hr)              | \$ 225.00              |              |
| Forming Labor (\$50/plate)                | \$ 100.00              |              |
| Delivery (3 hrs @ \$120/hr)               | \$ 360.00              |              |
| Subtotal                                  | \$ 782.50              |              |
| <del>15% OH&amp;P</del>                   | <del>\$ 117.38</del>   | \$782.50     |
| <del>STS Add</del>                        | <del>\$ 900.00</del>   | +\$1665.66   |
| American Iron & Crane (see field tickets) | \$ 1,665.66            |              |
| <del>5% Profit</del>                      | <del>\$ 83.28</del>    | \$2448 x 10% |
| <del>SUB Add</del>                        | <del>\$ 1,749.00</del> | \$2,693      |

The cost to provide labor and materials for the scope of work above is:  
**TWO THOUSAND SIX HUNDRED FORTY NINE DOLLARS** ~~(\$2,649.00)~~

**STS Steel, Inc.**  
Date: 10/09/2019  
CCN # 1903-08

Documents:

- Additional Work Ticket dated 9/23/19
- Email chain from 8/12 to 8/14
- Survey – ‘Structural Steel Field Verifications’ - provided 8/12/19
- Survey – ‘field-layout (1)’ – provided 8/13/19
- Erection Dwg E2 Rev 1

We have proceeded with this added work. Please issue a change order as soon as possible.

Submitted By:



Jeremy Krupa - PM

*An Affirmative Action-Equal Opportunity Employer*

2822 Curry Rd  
 Schenectady, NY 12303  
 Ph: (518) 357-9309 Fax: (518) 357-9319

ADDITIONAL WORK ORDER W.O.V.

Charge to STS Date 9-23-19  
 Authorized by \_\_\_\_\_ Job No. \_\_\_\_\_

Description of Work: cut bent plate on beam 1B48. Bent Plate was welded on in shop at wrong dimension. Set new bent plate on beam to right dimension, weld back on

LABOR

| Name                 | Trade     | Rate         | Hours    | Other | Cost          |
|----------------------|-----------|--------------|----------|-------|---------------|
| <u>TJ Chase</u>      | <u>IW</u> | <u>83.65</u> | <u>8</u> |       | <u>669 20</u> |
| <u>Garson Mackey</u> | <u>IW</u> | <u>83.65</u> | <u>8</u> |       | <u>669 20</u> |
|                      |           |              |          |       |               |
|                      |           |              |          |       |               |
|                      |           |              |          |       |               |
|                      |           |              |          |       |               |

Total Labor Cost → 1 1 338 40

MATERIAL

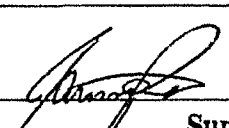
| Item | Quantity | Unit Cost | Other | Cost |
|------|----------|-----------|-------|------|
|      |          |           |       |      |
|      |          |           |       |      |
|      |          |           |       |      |

Total Material Cost → 2

EQUIPMENT

| Item           | Quantity | Time     | Rate         | Cost         |
|----------------|----------|----------|--------------|--------------|
| <u>grinder</u> | <u>1</u> | <u>4</u> | <u>5.00</u>  | <u>20 00</u> |
| <u>welder</u>  | <u>1</u> | <u>4</u> | <u>22.50</u> | <u>90 00</u> |
|                |          |          |              |              |

Total Equipment Cost → 3 110 00

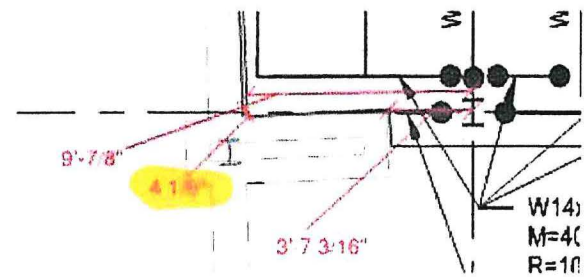
|                                                                                                                             |                          |          |               |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|---------------|
| Customer Supervisor<br><br><br>Supervisor | Total of Boxes 1, 2, & 3 | <u>1</u> | <u>448 40</u> |
|                                                                                                                             | ADD: <u>5</u> % Overhead |          | <u>72 42</u>  |
|                                                                                                                             | Subtotal                 |          |               |
|                                                                                                                             | ADD: <u>10</u> % Profit  |          | <u>144 84</u> |
|                                                                                                                             | ADD: _____ % Sales Tax   |          |               |
| TOTAL VALUE of this Work Order                                                                                              |                          | <u>1</u> | <u>665 66</u> |

**Jeremy Krupa**

---

**From:** Jeremy Krupa  
**Sent:** Wednesday, August 14, 2019 3:02 PM  
**To:** Zachary Johnson; Michael Stefanski  
**Cc:** Ryan Faulkner; Americo DiCocco Jr  
**Subject:** RE: Seq 1 & 2: Expansion Joints

Please confirm that the dimension shown below is actually 4 1/16" (noted as 4 1/6)



Also confirming our conversation yesterday that all of the dimensions provided are to the face of the building (even though some of these dimension lines go to the 2" offset).

Jeremy Krupa  
STS Steel, Inc.  
10 Rush Street  
Schenectady, NY 12305  
Phone 518-370-2693 Ext.237  
www.stssteel.com  
*An Affirmative Action-Equal Opportunity Employer*

**From:** Zachary Johnson <Zachary.Johnson@lechase.com>  
**Sent:** Tuesday, August 13, 2019 5:34 PM  
**To:** Jeremy Krupa <JeremyK@stssteel.com>; Michael Stefanski <mikes@stssteel.com>  
**Cc:** Ryan Faulkner <Ryan.Faulkner@lechase.com>; Americo DiCocco Jr <Americo.DiCoccoJr@lechase.com>  
**Subject:** RE: Seq 1 & 2: Expansion Joints

See attached.

---

**From:** Jeremy Krupa [<mailto:JeremyK@stssteel.com>]  
**Sent:** Tuesday, August 13, 2019 3:07 PM  
**To:** Zachary Johnson; Michael Stefanski  
**Cc:** Ryan Faulkner; Americo DiCocco Jr  
**Subject:** RE: Seq 1 & 2: Expansion Joints

Zac

In our conversation today you had confirmed that the dimensions provided were to the face of existing building and the bent plates should follow the sloped dimension.



When I went out to the site I notice a potential conflict. Where the dimensions you had provided show a consistent sloped existing wall from column line T1 to the end, the attached photo I took shows a right angled wall that would conflict with a bent plate if we were to attach per dimensions provided.

To avoid this conflict I am requesting additional dimensions to verify this area.

Please advise.

Jeremy Krupa  
STS Steel, Inc.  
10 Rush Street  
Schenectady, NY 12305  
Phone 518-370-2693 Ext.237  
[www.stssteel.com](http://www.stssteel.com)  
An Affirmative Action-Equal Opportunity Employer

**From:** Zachary Johnson <[Zachary.Johnson@lechase.com](mailto:Zachary.Johnson@lechase.com)>  
**Sent:** Monday, August 12, 2019 8:13 AM  
**To:** Jeremy Krupa <[JeremyK@stssteel.com](mailto:JeremyK@stssteel.com)>; Michael Stefanski <[mikes@stssteel.com](mailto:mikes@stssteel.com)>  
**Cc:** Ryan Faulkner <[Ryan.Faulkner@lechase.com](mailto:Ryan.Faulkner@lechase.com)>; Americo DiCocco Jr <[Americo.DiCoccoJr@lechase.com](mailto:Americo.DiCoccoJr@lechase.com)>  
**Subject:** RE: Seq 1 & 2: Expansion Joints

Jeremy,

See the attached field verified dimensions for sequence 1 & 2, please forward these along to the necessary parties. Let me know if there are any questions in regards to the existing building.

Thanks,

*Zac*  
**LeCHASE CONSTRUCTION**  
Zachary Johnson [A.C.] *Project Engineer*  
220 Harborside Dr. Suite 301  
Schenectady, NY, 12306  
p 518.388.9200 c 518.560.0028  
[www.lechase.com](http://www.lechase.com)



---

**From:** Jeremy Krupa [<mailto:JeremyK@stssteel.com>]  
**Sent:** Tuesday, July 16, 2019 1:43 PM  
**To:** Zachary Johnson  
**Cc:** Ryan Faulkner  
**Subject:** Seq 1 & 2: Expansion Joints  
**Importance:** High

Zac

I have attached three emails from my detailer all related to confirmations and coordination's required for sequence 1 & 2:

1. Dwg E2 Marked on approval for "2inch Expansion joint from face of existing building"
  - a. Confirm we are to use the 1'-4 1/2" EOD as stated on PB-S-101
2. Similar 2" expansion joint needed at cantilevered W18x50 at TA/T1. RFI #008 Response indicates coordination with existing conditions and dimensions that have not been provided to STS Steel.
  - a. W18x50 currently detailed at 3'-6" protrusion from column. Confirm this is acceptable.
3. Need to coordinate expansion joint / bent plate height based on some approval comments.

Please advise.

Thank You.

Jeremy Krupa

STS Steel, Inc.

10 Rush Street

Schenectady, NY 12305

Phone 518-370-2693 Ext.237

[www.stssteel.com](http://www.stssteel.com)



*An Employee Owned Company  
An Affirmative Action-Equal Opportunity Employer*

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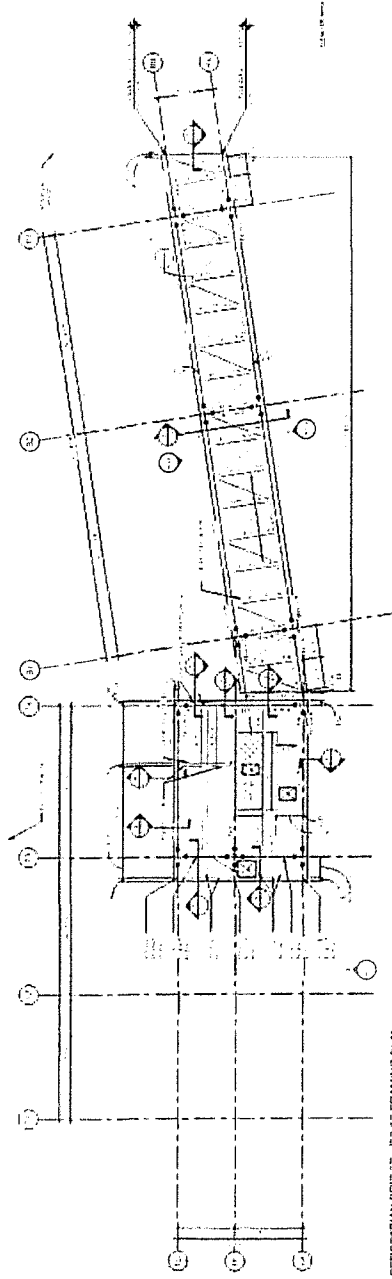
This email and any attachments may contain confidential and privileged information. If you are not the intended recipient, please notify the sender immediately by return email, delete this email and destroy any copies. Any dissemination or use of this information by a person other than the intended recipient is not authorized and may be illegal. Please note that any views or opinions presented in this E-mail are solely those of the author and do not necessarily represent those of LeChase Construction Services. Finally, the recipient should check this E-mail and any attachments for the presence of viruses. LeChase accepts no liability for any damage caused by any virus transmitted by this E-mail. Upon transmission this E-mail has been scanned for malicious software and has been found free of infection.



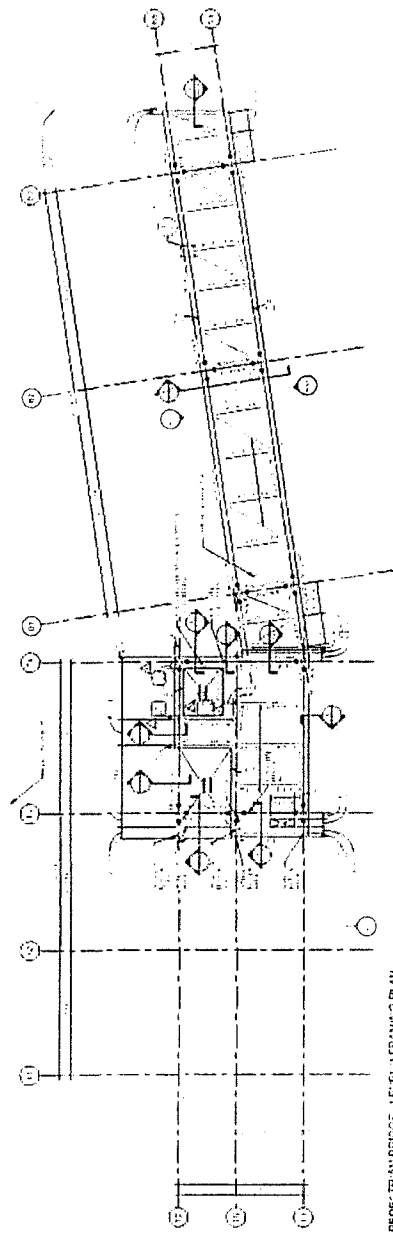
ALL WORK SHALL BE IN ACCORDANCE WITH THE  
 AIRPORT PARKING GARAGE CONSTRUCTION  
 SPECIFICATIONS

ALL WORK SHALL BE IN ACCORDANCE WITH THE  
 AIRPORT PARKING GARAGE CONSTRUCTION  
 SPECIFICATIONS

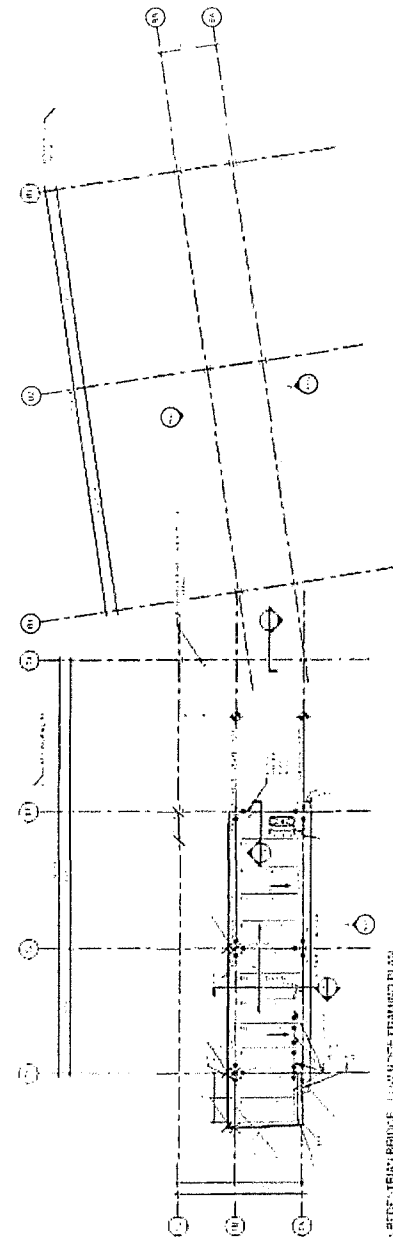
PB-S-10



1. BRIDGE DECK OVERSEAS LEVEL 1 FRAMING PLAN

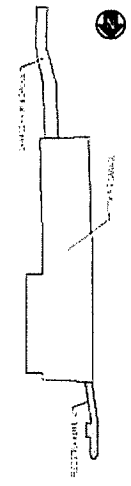


2. BRIDGE DECK OVERSEAS LEVEL 2 FRAMING PLAN

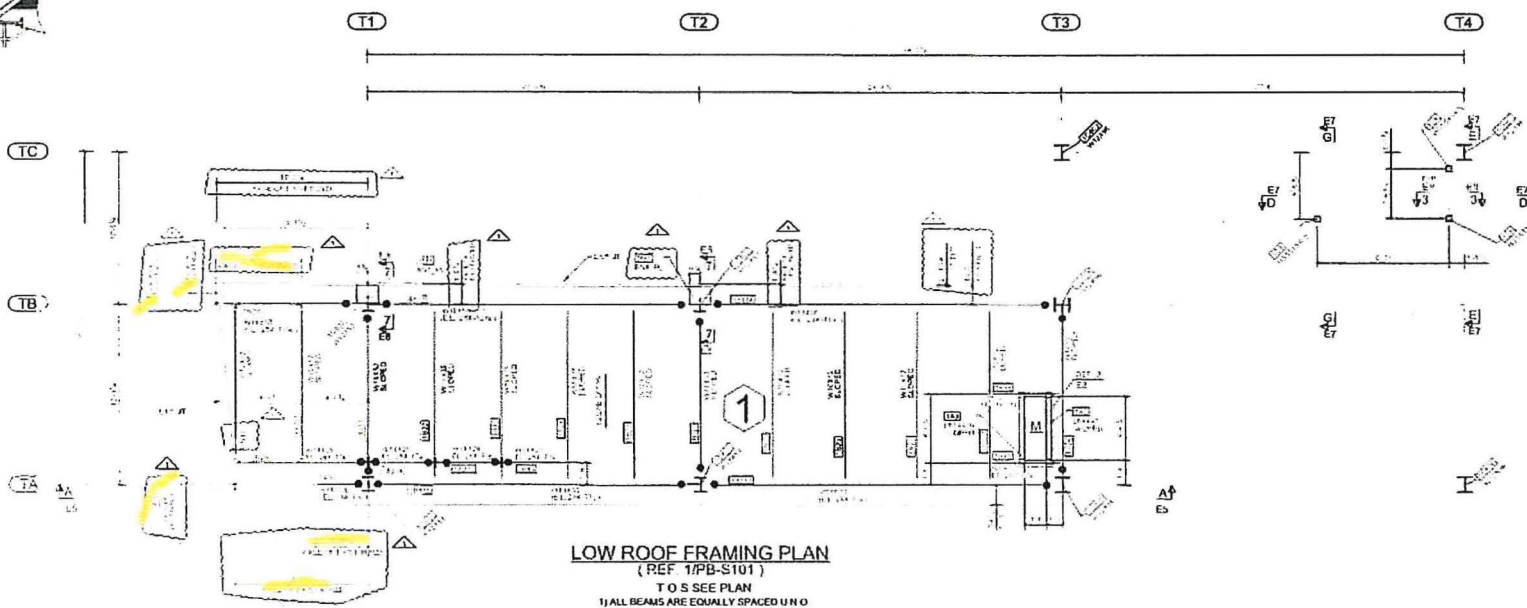


3. BRIDGE DECK OVERSEAS LEVEL 3 FRAMING PLAN

KEY PLAN







**LOW ROOF FRAMING PLAN**  
(REF 1/PB-S101)  
T O S SEE PLAN  
1) ALL BEAMS ARE EQUALLY SPACED UNLESS  
NOTED OTHERWISE

- 1) ● — MOMENT CONNECTION SYMBOL
- 2) ○ — PHASE NUMBER

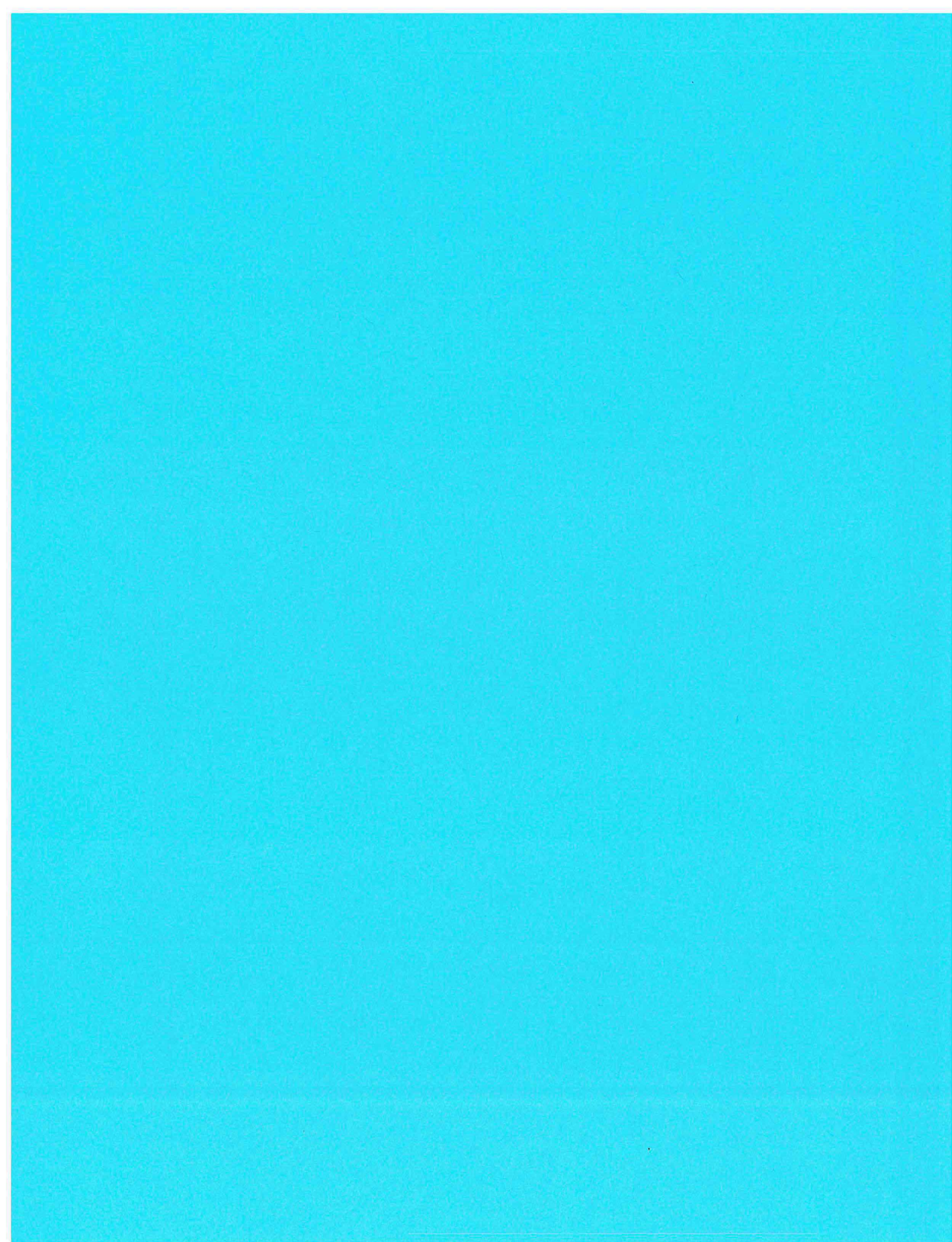
**NOTE TO ERECTOR:**

1. ERECTOR SHALL FOLLOW ALL THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION CONSTRUCTION REGULATIONS (OSHA).
2. THIS DRAWING IS TO BE USED FOR PLACEMENT OF STEEL ONLY. THE ERECTOR SHOULD NOTE THE FRAME MAY NOT BE SELF-SUPPORTING DURING VARIOUS STAGES OF ERECTION. IT IS THE ERECTOR'S RESPONSIBILITY TO MAINTAIN THE STABILITY OF THE FRAME BY USE OF CABLES OR OTHER MEANS UNTIL SUCH TIME AS THE FRAME BECOMES SELF-SUPPORTING.
3. ANY DISCREPANCY IN DETAILS OF FABRICATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF STS STEEL, WHO SHALL FILE THE REPORT TO MAKE THE PROBLEM BEFORE CORRECTIVE ACTION IS TAKEN. ALL ALTERATIONS MUST BE AUTHORIZED BY STS INC.

| NO. | DESCRIPTION             | DATE     | BY |
|-----|-------------------------|----------|----|
| 1   | ISSUED FOR PERMIT       | 10/15/01 | ED |
| 2   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 3   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 4   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 5   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 6   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 7   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 8   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 9   | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |
| 10  | ISSUED FOR CONSTRUCTION | 10/15/01 | ED |

**STS STEEL INC.**  
ENGINEERS FABRICATORS SUPPLIERS  
100 STATE STREET, ALBANY, NY 12207-2500  
TEL: 518.263.2500 FAX: 518.263.2501

**BERGIANNI**  
LECHASE CONSTRUCTION  
ALBANY INTERNATIONAL AIRPORT  
SP



## Change Order Request

LeChase Construction Services, LLC  
220 Harborside Drive, Suite 301  
Schenectady, NY 12305  
Phone: 518-388-9200

Date: 12/16/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

### Reason:

Change Order Request # : **63 - PCO 111 - Metal Panel Issue at Pedestrian Building**

Description of Change: This COR is for all additional work required to resolve issue with metal panel dimension that were directed by the design team during submittal review.

On the attached returned insulated metal panel shop drawings - page A5  
The person that reviewed/marked up the shop drawings change some dimensions when they reviewed it as you can see on this drawing.  
They marked the top of the outside to outside of panel to 26' which is accurate per the architectural drawings.  
Then they marked up the width of the panel next to the bridge so the centerline of the vertical joint at 11'-9" from edge of panel. With doing this it increased the width of panel above and below the bridge and the bridge width. This basically made the bridge 14'-3" wide instead of the 13'-7 3/16" as originally drawn.

The actual bridge width in the field, with the layout I spoke with the framer about today, is going to be around that 13'-7" dimension.  
This makes the panels on the right side next to the bridge roughly 8" short.

Since it was agreed upon that sizes were going to be hold to's so we could release these panels before the framing was built, AGM had no opportunity to fix what looks like a mistake by the reviewer.

In order to meet the project schedule material needed to be released off shops and not wait to be measured in the field or material would not have been onsite in time to maintain schedule. If the dimensions would not have ben redlined there would not have been an issue.

In order to get on track this replacement material was ordered and AGM will make modifications to it once it arrives.

| Description                        | Scope of Work            | Cost            |
|------------------------------------|--------------------------|-----------------|
| Curtain Wall And Glazed Assemblies |                          | 6,797.00        |
|                                    | <b>Subtotal of Costs</b> | <b>6,797.00</b> |

### Change Order Add Ons

|              |        |
|--------------|--------|
| Fee          | 340.00 |
| GL Insurance | 73.00  |
| P&P Bond     | 44.00  |

# Change Order Request

LeChase Construction Services, LLC  
220 Harborside Drive, Suite 301  
Schenectady, NY 12305  
Phone: 518-388-9200

Date: 12/16/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

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Total For Change Order Request

7,254.00

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Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_


Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_



**CHANGE ORDER REQUEST**

|                                                                                   |                                                                                                        |                                                                                                                             |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | Contractor: <u>Architectural Glass and Metal</u><br>Contractor COR #: <u>4</u><br>Bid Package #: _____ | Albany Airport Parking Garage 989-GCR<br>Date: <u>12/16/19</u><br>PCO #: _____<br>Building/Area: <u>Pedestrian Building</u> |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|

**Change Order Reference Document:**

RFI #: \_\_\_\_\_ Bulletin #: \_\_\_\_\_ Other: \_\_\_\_\_

**Description of Change:**

For additional Insulated Metal Panel material due to shop drawings being marked up/changed during submittal process

**Justification**

**Change Order Attachment List:**

- |                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

- |                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:**

|                                                                       |                                       |                                                                                                                                                                                                                                                                                                                          |                                     |                                       |  |  |
|-----------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------|--|--|
| <input type="checkbox"/> A - Zero / Noncritical Impact to Schedule    |                                       | <b>Days to Complete Added Scope:</b>                                                                                                                                                                                                                                                                                     |                                     |                                       |  |  |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime |                                       | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">Current Contract<br/>Completion Date</td> <td style="width:50%; text-align: center;">Adjusted Contract<br/>Completion Date:</td> </tr> <tr> <td style="height: 20px;"> </td> <td> </td> </tr> </table> | Current Contract<br>Completion Date | Adjusted Contract<br>Completion Date: |  |  |
| Current Contract<br>Completion Date                                   | Adjusted Contract<br>Completion Date: |                                                                                                                                                                                                                                                                                                                          |                                     |                                       |  |  |
|                                                                       |                                       |                                                                                                                                                                                                                                                                                                                          |                                     |                                       |  |  |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable         |                                       |                                                                                                                                                                                                                                                                                                                          |                                     |                                       |  |  |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

|                |                                                          |                         |
|----------------|----------------------------------------------------------|-------------------------|
| Subcontractor: | Name: <u>Josh Bates</u><br>Title: <u>Project Manager</u> | Date: <u>12/16/2019</u> |
| LeChase:       | Name: _____ Title: _____                                 | Date: _____             |
| Owner:         | Name: _____ Title: _____                                 | Date: _____             |
|                | Name: _____ Title: _____                                 | Date: _____             |

**Request Termination:**

**Voided**                      **Explanation:**

**Denied**

**CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET**

Project Name: Albany Airport Parking Garage 989-GCR  
 Building / Area:

PCO #:  
 COR #:

Subcontractor/Vendor:  
 BP #:  
 Change Order Source:

| MWBE Participation: Percentage Overall |       |
|----------------------------------------|-------|
| MBE                                    | #REF! |
| WBE                                    | #REF! |

| Item No.       | WBS/CSI Cost Code | Description                            | Materials & Equipment |      |            |            | Subcontract |      |           |          | Fully Burdened Labor Rates |                  |                   |            |               | Duration       |       | MBE Contractor Total | WBE Contractor Total |       |
|----------------|-------------------|----------------------------------------|-----------------------|------|------------|------------|-------------|------|-----------|----------|----------------------------|------------------|-------------------|------------|---------------|----------------|-------|----------------------|----------------------|-------|
|                |                   |                                        | Qty                   | Unit | Unit Cost  | Subtotal   | Qty         | Unit | Unit Cost | Subtotal | Straight Hours             | Time + 1/2 Hours | Double Time Hours | Labor Cost | ED Time & 1/2 | ED Double Time | Total |                      |                      | Start |
| 1              |                   | INSULATED METAL PANEL MATERIAL         | 1                     | LS   | \$5,267.00 | \$5,267.00 |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
| 2              |                   | FAB 7 NEW PANEL MATERIAL TO FINAL SIZE |                       |      |            |            |             |      |           | 14       |                            |                  | \$65.14           |            |               | \$911.96       |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
|                |                   |                                        |                       |      |            |            |             |      |           |          |                            |                  |                   |            |               |                |       |                      | #REF!                | #REF! |
| Net Subtotals: |                   |                                        |                       |      | \$5,267.00 |            |             |      |           |          | 14                         |                  |                   |            |               | \$911.96       |       |                      | #REF!                | #REF! |

10% \$527

\$5,794

10% \$91.14

\$1,003

\$6,797

# Quotation

Mett-Span  
 1720 Lakepointe Dr.  
 Suite# 101  
 Lewisville, TX 75057  
 Phone: 845-357-3212  
 Sales Rep: RJD Associates  
 Aimee@rjd-associates.com



| Bill To                                                                                                                                    | Project Name and Location                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| ARCHITECTURAL GLASS & METAL<br>11B SOLAR DR<br>Clifton Park, NY 12065<br>Ph: (518) 371-7007 x23 Co: Josh Bates<br>Email: Josh@agmglass.com | Albany Airport - Panel Add<br>737 ALBANY SHAKER RD<br>ALBANY, NY 12211 |

| Quotation No | Segment        | Issued     | Revised    | Revision | Sales Representative |
|--------------|----------------|------------|------------|----------|----------------------|
| RJD1901243R2 | Transportation | 12/09/2019 | 12/11/2019 | 2        | Aimee Gay            |

Mett-Span proposes to furnish the materials as described subject to the "TERMS AND CONDITIONS OF SALE".  
 Quote is good for 30 days from date quoted with shipment within 60 days of order unless otherwise quoted.

**THIS QUOTE IS AN ADDITION TO THE EXISTING QUOTE/JOB NUMBER 116767. THE CUSTOMER IS RESPONSIBLE FOR CONFIRMING QUOTED PRODUCT PROPERTIES MATCH EXISTING PROJECT.**

| Quantity | Unit | Part No./Length | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit Price | Extended Price |
|----------|------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| 21       | sqft | CF36A 3"        | 36" Wide Architectural Wall Panel<br>Face 1: Architectural Flat, 22 Gauge, Brownstone, Kynar, 433R600, Embossed<br>Face 2: Light Mesa, 24 Gauge, Igloo White, Polyester, PMW0532, Embossed<br>TBD Reveal<br>Max Length: Emb 32', UnEmb 16'; Hor Only, SNLPR<br><br>7ea @ 1'-0"<br><br>*PRINCING BASED ON MATERIAL BEING AVAILABLE AT TIME OF ORDER*<br><br>** For product types that have a light to no profile on face 1 (Striated, Santa Fe, Architectural Flat, No Profile) and have a heavier or gauge material on the interior, a lighter gauge interior skin will reduce stress on the exterior skin related to solar loads (i.e. 22 gauge exterior, 22 gauge interior). | \$9.88     | \$207.48       |

|   |    |                    |                                                                                                                                   |            |              |
|---|----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| 1 | EA | Coil For Alternate | Coil For 21 SF of Face 1 22ga Brownstone / Face 2 24ga Igloo White<br><br>*WILL APPLY IF MATERIAL NOT AVAILABLE AT TIME OF ORDER* | \$1,260.84 | Not Included |
|---|----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------|--------------|

|    |      |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |              |
|----|------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|
| 21 | sqft | CF36A 3" Alternate | 36" Wide Architectural Wall Panel<br>Face 1: Architectural Flat, 22 Gauge, Polar White, Kynar, 433R600, Embossed<br>Face 2: Light Mesa, 24 Gauge, Igloo White, Polyester, PMW0532, Embossed<br>TBD Reveal<br>Max Length: Emb 32', UnEmb 16'; Hor Only, SNLPR<br><br>7ea @ 1'-0"<br><br>** For product types that have a light to no profile on face 1 (Striated, Santa Fe, Architectural Flat, No Profile) and have a heavier or gauge material on the interior, a lighter gauge interior skin will reduce stress on the exterior skin related to solar loads (i.e. 22 gauge exterior, 22 gauge interior). | \$19.27 | Not Included |
|----|------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|

# Quotation

Metl-Span  
 1720 Lakepointe Dr.  
 Suite# 101  
 Lewisville, TX 75057  
 Phone: 845-357-3212  
 Sales Rep: RJD Associates  
 Aimee@rjd-associates.com



**Bill To**

ARCHITECTURAL GLASS & METAL  
 11B SOLAR DR  
 Clifton Park, NY 12065  
 Ph: (518) 371-7007 x23 Co: Josh Bates  
 Email: Josh@agmglass.com

**Project Name and Location**

Albany Airport - Panel Add  
 737 ALBANY SHAKER RD  
 ALBANY, NY 12211

| Quotation No | Segment        | Issued     | Revised    | Revision | Sales Representative |
|--------------|----------------|------------|------------|----------|----------------------|
| RJD1901243R2 | Transportation | 12/09/2019 | 12/11/2019 | 2        | Aimee Gay            |

Metl-Span proposes to furnish the materials as described subject to the "TERMS AND CONDITIONS OF SALE".  
 Quote is good for 30 days from date quoted with shipment within 60 days of order unless otherwise quoted.

|    |      |         |                                                  |            |              |
|----|------|---------|--------------------------------------------------|------------|--------------|
| 21 | sqft | FC      | 2 Grooves Factory Caulk                          | \$0.14     | \$2.94       |
| 0  | EA   | Endcuts | Endcuts, 8'-0" or Greater, FC Only               | \$15.75    | Not included |
| 0  | EA   | Endcuts | Endcuts, Less Than 8'-0" FC Only                 | \$21.00    | Not included |
| 7  | ea   | SPCF    | Short Panel Cutting Fees                         | \$8.00     | \$56.00      |
| 1  | ea   | Setup   | *FOR PANELS LESS THAN 8'-0"*                     | \$4,500.00 | \$4,500.00   |
| 1  | ea   | Freight | C&I Wall Panel Setup Fee, <1k SqFt               | \$5,094.13 | \$5,094.13   |
| 1  | ea   | Freight | Texas (75057) to ALBANY, NY; Estimated 1692.4 mi | \$5,094.13 | \$5,094.13   |

Freight  
 \$500

Quoted freight and surcharges exclude taxes, duties and/or tariffs on international shipping.

Please note this freight quote is an estimate only and is subject to change based on truck availability and fuel rates at the time of shipment.

Estimated USD Total: ~~\$6,110.55~~ 5,267<sup>00</sup>

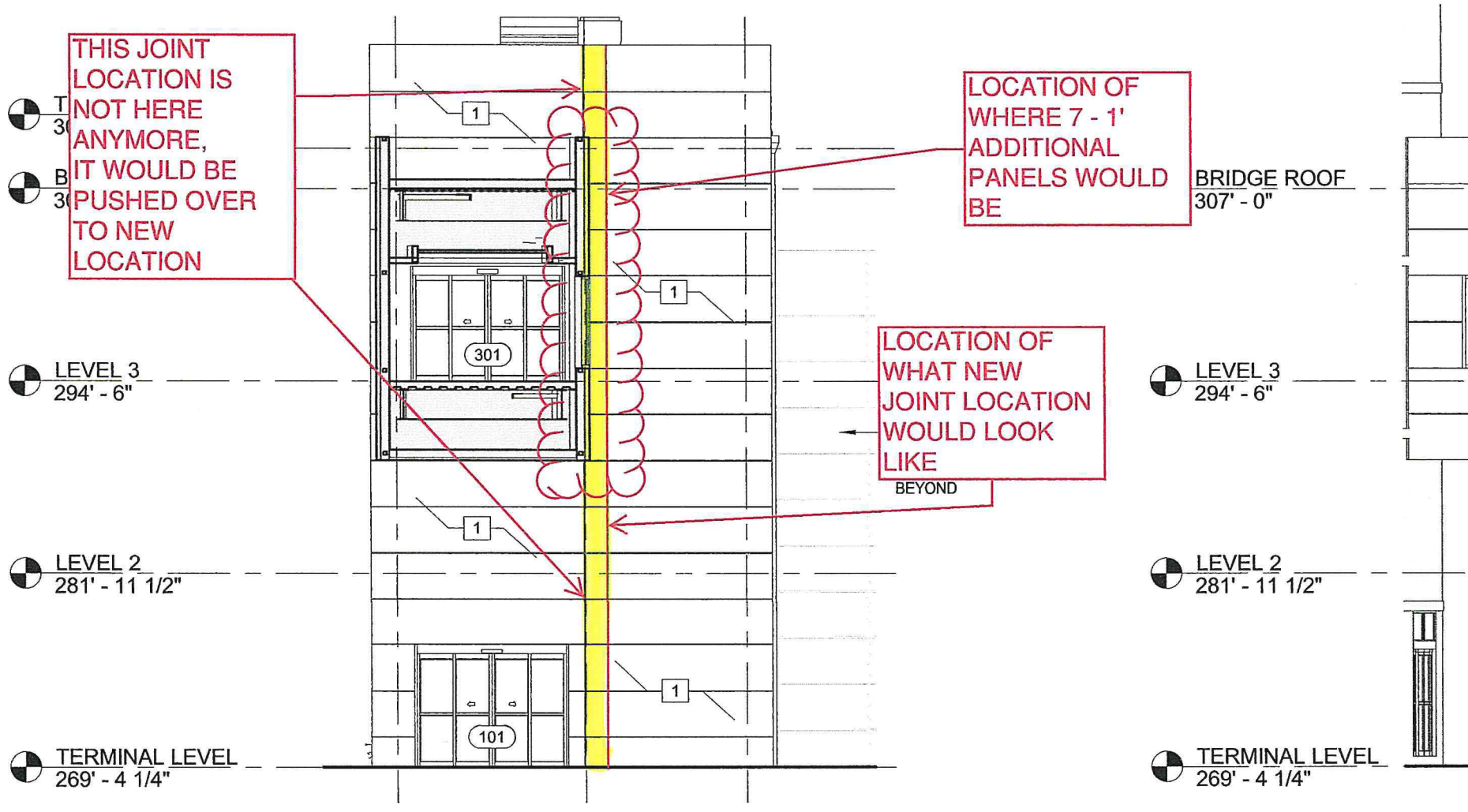
Cut List Comments :

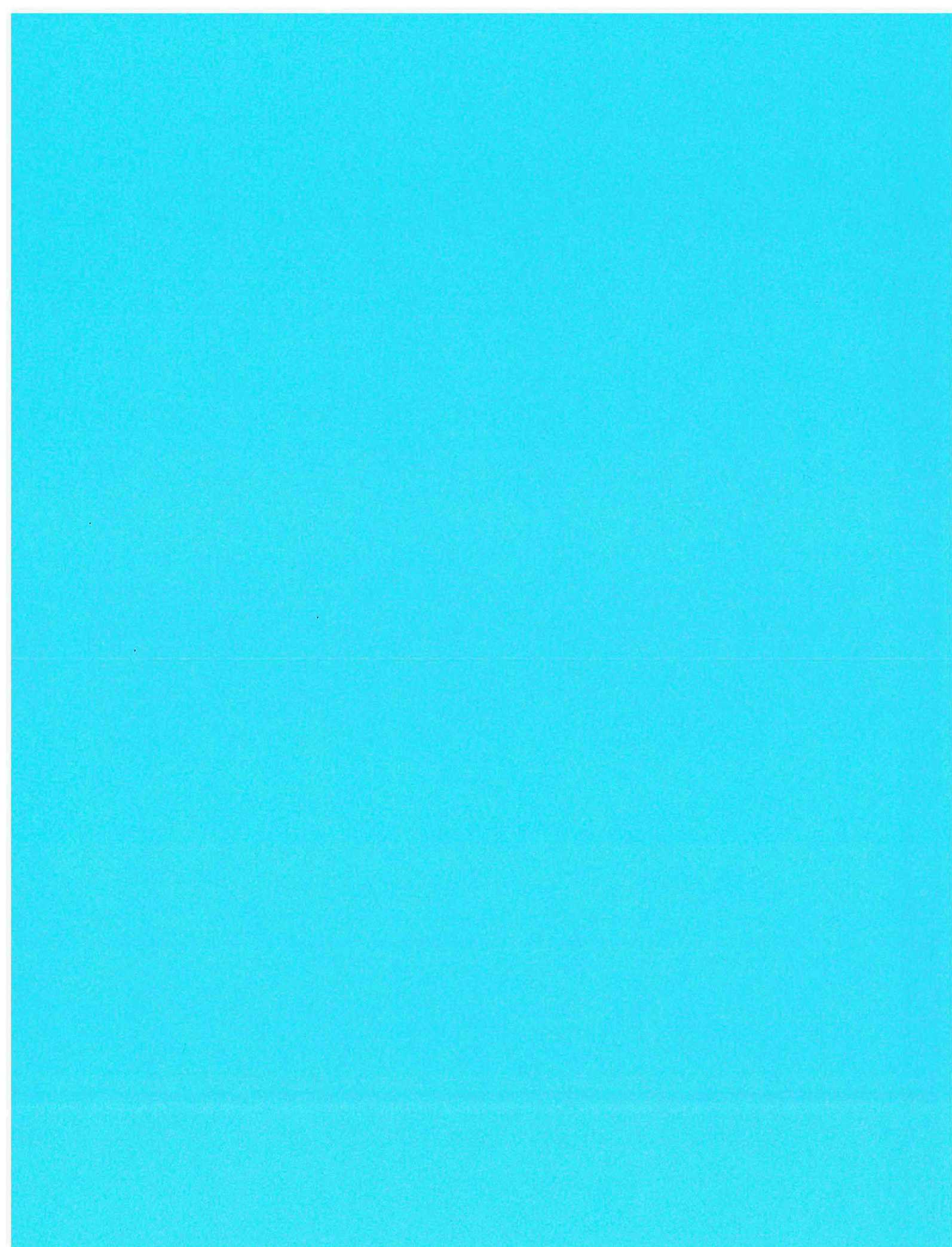
\* QUOTATION IS ONLY VALID FOR 30 DAYS FROM DATE OF ISSUE \*

Quotation is an estimate of materials only and is subject to change. Actual quantities (number and length of panels, etc), all trims and any accessories and final pricing will be assessed pending approved shop drawings or customer cut list. Mock-ups are not included unless otherwise noted in the quotation. If a mock-up is required, please contact RJD for pricing.

FREIGHT RATE IS AN ESTIMATED COST ONLY AND SUBJECT TO CHANGE; QUANTITIES ARE ESTIMATES AND SUBJECT TO CHANGE BASED ON FINAL APPROVED PANEL AND ACCESSORY CUTLISTS ALONG WITH PHASE REQUIREMENTS. FREIGHT WILL BE BILLED AS ACTUAL FREIGHT COST AT TIME OF SHIPMENT AND NOT PER THE QUOTED FREIGHT RATE.

Add'l Comments:  
 EXCLUDED FROM QUOTE:  
 - Crate Fee For Short Panels





# Change Order Request

LeChase Construction Services, LLC  
220 Harborside Drive, Suite 301  
Schenectady, NY 12305  
Phone: 518-388-9200

Date: 12/23/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

---

Change Order Request # : 64 - Additonal Paving at Builing 112.

Description of Change: Install additional paving at the owners request along side of the exsisting building 112. See attached drawings for location.

| Description                 | Scope of Work                         | Cost               |
|-----------------------------|---------------------------------------|--------------------|
| Asphalt Paving              |                                       | 9,565.00           |
|                             | Subtotal of Costs                     | 9,565.00           |
| <b>Change Order Add Ons</b> |                                       |                    |
|                             | Fee                                   | 477.70             |
|                             | GL Insurance                          | 102.06             |
|                             | P&P Bond                              | 61.24              |
|                             | <b>Total For Change Order Request</b> | <b>10,206.00 ✓</b> |

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Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

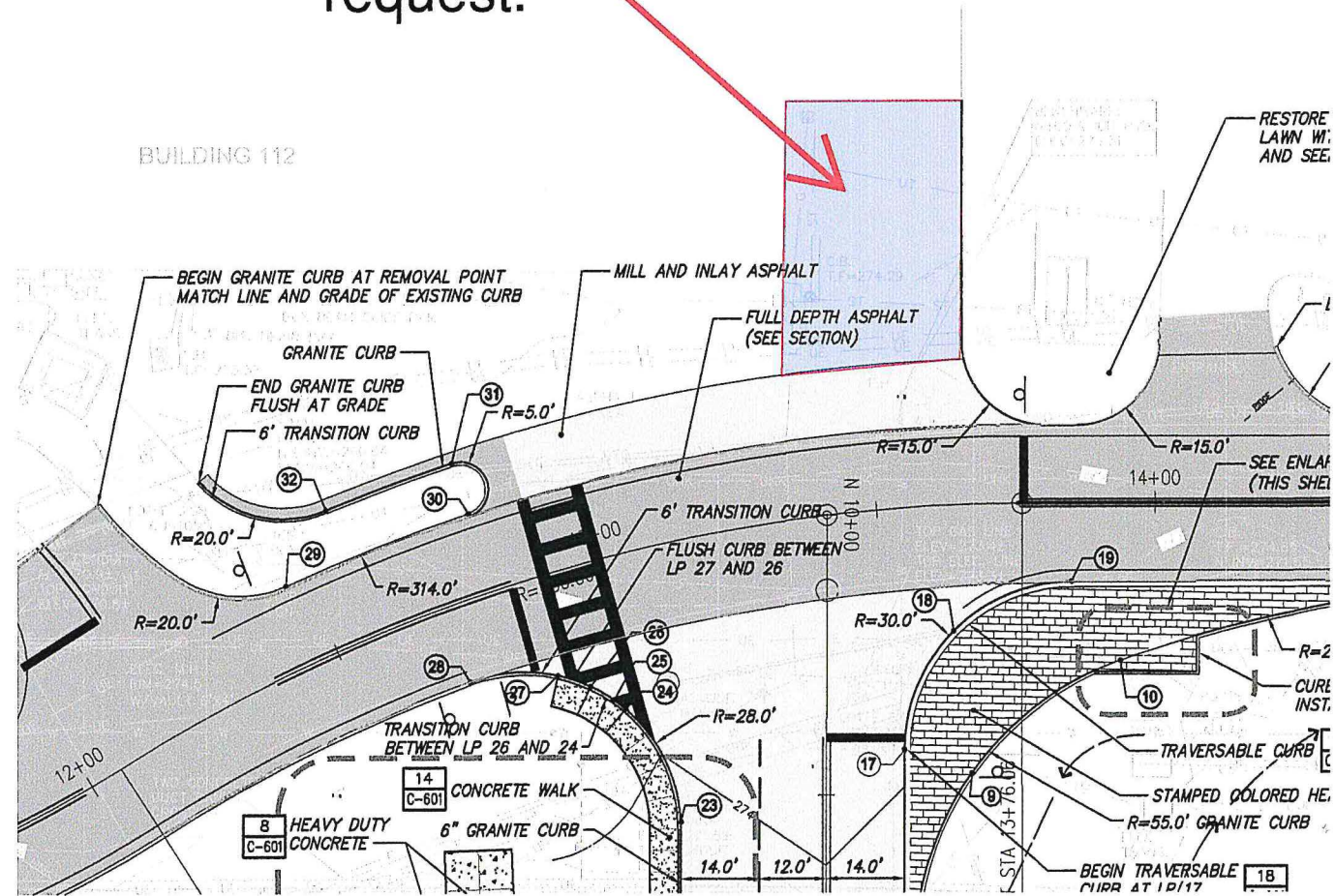
Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Additional Paving  
at the owners  
request.







December 20, 2019

LeChase Construction Services  
220 Harborside Drive, Suite 301  
Schenectady, NY 12305

**ATTN: Mr. Ryan Faulkner**

**RE: Albany Airport Contract 989-GC Parking Garage General Construction  
Extra Paving Summary**


Gentlemen,

Reference is made to the above captioned contract.

Enclosed please find a cost analysis totalling \$9,565.00 for the additional paving that was requested on this job.

If you have any questions, please contact me at (518) 374 – 2222 ext 72037.

Very Truly Yours,  
**Callanan Industries, Inc.**

  
Adam Hershberg  
Construction Manager

Enclosures

Cc: Job File

Lechase - Albany Airport  
 Prep and pave Additional Area Saturday - 11/23

**Labor**

| Classification | ST/OT | Hours | Rate      | Extension   |
|----------------|-------|-------|-----------|-------------|
| Foreman (1)    | ST    | 0     | \$ 83.63  | \$ -        |
|                | OT    | 3     | \$ 104.55 | \$ 313.65   |
| Laborers (4)   | ST    | 0     | \$ 69.41  | \$ -        |
|                | OT    | 12    | \$ 85.33  | \$ 1,023.96 |
| Operator (3)   | ST    | 0     | \$ 89.72  | \$ -        |
|                | OT    | 9     | \$ 111.68 | \$ 1,005.12 |
|                |       |       |           |             |
|                |       |       |           |             |
|                |       |       |           |             |

**Subtotal Payroll** \$ 2,342.73

**Equipment**

| Description                        | Hours | Rate      | Extension |
|------------------------------------|-------|-----------|-----------|
| Dump Trucks with Drivers (3)       | 9     | \$ 95.00  | \$ 855.00 |
| Tack Distributor Truck with Driver | 3     | \$ 150.00 | \$ 450.00 |
| Roadtech Asphalt Paver             | 3     | \$ 290.00 | \$ 870.00 |
| Hamm HD90 Roller                   | 3     | \$ 82.00  | \$ 246.00 |
| Hamm HD10 Roller                   | 3     | \$ 29.00  | \$ 87.00  |
| Bobcat Skid Steer w/milling head   | 1     | \$ 39.00  | \$ 39.00  |
| Paving Support Truck w/all tools   | 3     | \$ 27.00  | \$ 81.00  |
|                                    |       |           | \$ -      |
|                                    |       |           | \$ -      |
|                                    |       |           | \$ -      |
|                                    |       |           | \$ -      |

**Subtotal Equipment** \$ 2,628.00

**Materials**

| Description        | U/M | Quantity | Cost     | Extension   |
|--------------------|-----|----------|----------|-------------|
| 12.5MM Top Asphalt | Ton | 60       | \$ 60.00 | \$ 3,600.00 |
| Tack Coat          | Gal | 50       | \$ 2.50  | \$ 125.00   |
|                    |     |          |          | \$ -        |
|                    |     |          |          | \$ -        |
|                    |     |          |          | \$ -        |
|                    |     |          |          | \$ -        |
|                    |     |          |          | \$ -        |
|                    |     |          |          | \$ -        |

**Subtotal Material** \$ 3,725.00

**Subcontractors**

| Description | Total Cost |
|-------------|------------|
|             |            |
|             |            |

**Subtotal Subcontractors** \$ -

**Subtotal Direct Costs** \$ 8,695.73

**10% OH & P** \$ 869.57

**Total Price Proposal** \$ 9,565.30

Lechase - Albany Airport  
 Hourly Rate Summary

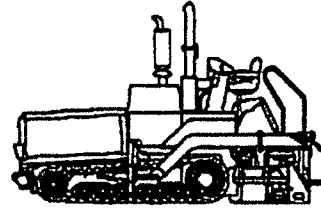
|          |                                         | Foreman   | General Laborer | Equipment Operator |
|----------|-----------------------------------------|-----------|-----------------|--------------------|
| <b>A</b> | <b>Base Rate</b>                        | \$ 41.84  | \$ 31.84        | \$ 43.91           |
| <b>B</b> | <b>Payroll Burden (42.16%)</b>          | \$ 17.64  | \$ 13.42        | \$ 18.51           |
| <b>C</b> | <b>Total Burdened Payroll (A * B)</b>   | \$ 59.48  | \$ 45.26        | \$ 62.42           |
| <b>D</b> | <b>Supplemental Benefits</b>            | \$ 24.15  | \$ 24.15        | \$ 27.30           |
| <b>E</b> | <b>Total Straight Time Rate (C + D)</b> | \$ 83.63  | \$ 69.41        | \$ 89.72           |
| <b>F</b> | <b>Premium Time Payroll (A *.50)</b>    | \$ 20.92  | \$ 15.92        | \$ 21.96           |
| <b>G</b> | <b>Total Overtime Rate (E + F)</b>      | \$ 104.55 | \$ 85.33        | \$ 111.68          |

**Rental Rate Blue Book®**

December 20, 2019

**Roadtec RP-195**  
Crawler Mounted Asphalt Pavers

Size Class:  
35,500 lbs & Over  
Weight:  
43000 lbs



**Configuration for RP-195**

Net Horsepower **225.0 hp** Power Mode **Diesel**  
Screed Model **Easy Screed IV**

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                                          | Ownership Costs        |                       |                       |                     | Estimated Operating Costs<br>Hourly<br>USD \$118.08 | FHWA Rate**<br>Hourly<br>USD \$271.97 |
|------------------------------------------|------------------------|-----------------------|-----------------------|---------------------|-----------------------------------------------------|---------------------------------------|
|                                          | Monthly                | Weekly                | Daily                 | Hourly              |                                                     |                                       |
| Published Rates                          | USD \$27,085.00        | USD \$7,585.00        | USD \$1,895.00        | USD \$285.00        |                                                     |                                       |
| Adjustments                              |                        |                       |                       |                     |                                                     |                                       |
| Region ( New York:<br>111.9%)            | USD \$3,223.11         | USD \$902.61          | USD \$225.51          | USD \$33.92         |                                                     |                                       |
| Model Year<br>(2019: 100%)               | -                      | -                     | -                     | -                   |                                                     |                                       |
| Adjusted Hourly<br>Ownership Cost (100%) | -                      | -                     | -                     | -                   |                                                     |                                       |
| Hourly Operating Cost (100%)             |                        |                       |                       |                     | -                                                   |                                       |
| <b>Total:</b>                            | <b>USD \$30,308.12</b> | <b>USD \$8,487.62</b> | <b>USD \$2,120.50</b> | <b>USD \$318.92</b> | <b>USD \$118.08</b>                                 | <b>USD \$290.29</b>                   |

**Non-Active Use Rates**

|              | Hourly       |
|--------------|--------------|
| Standby Rate | USD \$68.88  |
| Idling Rate  | USD \$200.53 |

**Rate Element Allocation**

| Element                     | Percentage | Value              |
|-----------------------------|------------|--------------------|
| Depreciation (ownership)    | 28%        | USD \$7,583.80/mo  |
| Overhaul (ownership)        | 60%        | USD \$16,251.00/mo |
| CFC (ownership)             | 8%         | USD \$1,625.10/mo  |
| Indirect (ownership)        | 8%         | USD \$1,625.10/mo  |
| Fuel (operating) @ USD 3.07 | 24%        | USD \$28.32/hr     |

Revised Date: 2nd half 2019

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

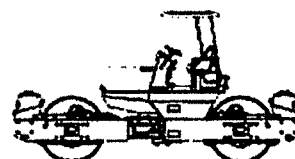
The equipment represented in this report has been exclusively prepared for BOB MOREAU (RMOREAU@CALLANAN.COM)

**Rental Rate Blue Book®**

December 20, 2019

**Hamm HD90 (disc. 2003)**  
Tandem Vibratory Compactors

Size Class:  
8.0 - 11.2 MTons  
Weight:  
20850 MT



**Configuration for HD90 (disc. 2003)**

Drum Width 66.1' Net Horsepower 127.0 hp  
Power Mode Diesel

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                                          | Ownership Costs       |                       |                     |                    | Estimated Operating Costs<br>Hourly<br>USD \$33.51 | FHWA Rate**<br>Hourly<br>USD \$77.60 |
|------------------------------------------|-----------------------|-----------------------|---------------------|--------------------|----------------------------------------------------|--------------------------------------|
|                                          | Monthly               | Weekly                | Daily               | Hourly             |                                                    |                                      |
| Published Rates                          | USD \$7,795.00        | USD \$2,185.00        | USD \$545.00        | USD \$82.00        |                                                    |                                      |
| Adjustments                              |                       |                       |                     |                    |                                                    |                                      |
| Region ( New York:<br>110.5%)            | USD \$818.47          | USD \$229.43          | USD \$57.22         | USD \$8.61         |                                                    |                                      |
| Model Year<br>(2003: 100%)               | -                     | -                     | -                   | -                  |                                                    |                                      |
| Adjusted Hourly<br>Ownership Cost (100%) | -                     | -                     | -                   | -                  |                                                    |                                      |
| Hourly Operating Cost (100%)             |                       |                       |                     |                    |                                                    |                                      |
| <b>Total:</b>                            | <b>USD \$8,613.47</b> | <b>USD \$2,414.43</b> | <b>USD \$602.22</b> | <b>USD \$90.61</b> | <b>USD \$33.51</b>                                 | <b>USD \$82.45</b>                   |

**Non-Active Use Rates**

Hourly

|              |             |
|--------------|-------------|
| Standby Rate | USD \$22.02 |
| Idling Rate  | USD \$58.10 |

**Rate Element Allocation**

| Element                     | Percentage | Value             |
|-----------------------------|------------|-------------------|
| Depreciation (ownership)    | 28%        | USD \$2,182.60/mo |
| Overhaul (ownership)        | 54%        | USD \$4,209.30/mo |
| CFC (ownership)             | 8%         | USD \$623.60/mo   |
| Indirect (ownership)        | 9%         | USD \$701.55/mo   |
| Fuel (operating) @ USD 3.07 | 27%        | USD \$9.18/hr     |

Revised Date: 2nd half 2019

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

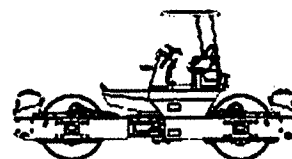
The equipment represented in this report has been exclusively prepared for BOB MOREAU (RMOREAU@CALLANAN.COM)

**Rental Rate Blue Book®**

December 20, 2019

**Hamm HD10 (disc. 2008)**  
Tandem Vibratory Compactors

Size Class:  
1.5 - 2.9 MTons  
Weight:  
5688 MT



**Configuration for HD10 (disc. 2008)**

Drum Width **39.0 In** Net Horsepower **31.5 hp**  
Power Mode **Diesel**

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                                          | Ownership Costs       |                     |                     |                    | Estimated Operating Costs<br>Hourly<br>USD \$11.37 | FHWA Rate**<br>Hourly<br>USD \$27.02 |
|------------------------------------------|-----------------------|---------------------|---------------------|--------------------|----------------------------------------------------|--------------------------------------|
|                                          | Monthly               | Weekly              | Daily               | Hourly             |                                                    |                                      |
| Published Rates                          | USD \$2,755.00        | USD \$770.00        | USD \$195.00        | USD \$29.00        |                                                    |                                      |
| Adjustments                              |                       |                     |                     |                    |                                                    |                                      |
| Region ( New York:<br>110.5%)            | USD \$289.27          | USD \$80.85         | USD \$20.48         | USD \$3.05         |                                                    |                                      |
| Model Year<br>(2008: 100%)               | -                     | -                   | -                   | -                  |                                                    |                                      |
| Adjusted Hourly<br>Ownership Cost (100%) | -                     | -                   | -                   | -                  |                                                    |                                      |
| Hourly Operating Cost (100%)             |                       |                     |                     |                    | -                                                  |                                      |
| <b>Total:</b>                            | <b>USD \$3,044.27</b> | <b>USD \$850.85</b> | <b>USD \$215.48</b> | <b>USD \$32.04</b> | <b>USD \$11.37</b>                                 | <b>USD \$28.67</b>                   |

**Non-Active Use Rates**

|              | Hourly      |
|--------------|-------------|
| Standby Rate | USD \$7.78  |
| Idling Rate  | USD \$19.57 |

**Rate Element Allocation**

| Element                     | Percentage | Value             |
|-----------------------------|------------|-------------------|
| Depreciation (ownership)    | 28%        | USD \$771.40/mo   |
| Overhaul (ownership)        | 54%        | USD \$1,487.70/mo |
| CFC (ownership)             | 8%         | USD \$220.40/mo   |
| Indirect (ownership)        | 9%         | USD \$247.95/mo   |
| Fuel (operating) @ USD 3.07 | 20%        | USD \$2.27/hr     |

Revised Date: 2nd half 2019

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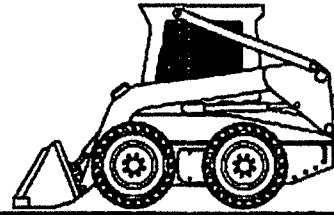
The equipment represented in this report has been exclusively prepared for BOB MOREAU  
(RMOREAU@CALLANAN.COM)

**Rental Rate Blue Book®**

December 20, 2019

**Bobcat S650**  
Skid Steer Loaders

Size Class:  
2501 - 2900 lbs  
Weight:  
8327 lbs



**Configuration for S650**

Net Horsepower **74.3 hp**      Operating Capacity (Sae) **2690.0 lbs**  
Operator Protection **ROPS**      Power Mode **Diesel**

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                                          | Ownership Costs       |                       |                     |                    | Estimated Operating Costs<br>Hourly<br>USD \$18.70 | FHWA Rate**<br>Hourly<br>USD \$37.83 |
|------------------------------------------|-----------------------|-----------------------|---------------------|--------------------|----------------------------------------------------|--------------------------------------|
|                                          | Monthly               | Weekly                | Daily               | Hourly             |                                                    |                                      |
| Published Rates                          | USD \$3,385.00        | USD \$950.00          | USD \$240.00        | USD \$38.00        |                                                    |                                      |
| Adjustments                              |                       |                       |                     |                    |                                                    |                                      |
| Region ( New York:<br>107.9%)            | USD \$287.42          | USD \$75.05           | USD \$18.98         | USD \$2.84         |                                                    |                                      |
| Model Year<br>(2019: 100%)               | -                     | -                     | -                   | -                  |                                                    |                                      |
| Adjusted Hourly<br>Ownership Cost (100%) | -                     | -                     | -                   | -                  |                                                    |                                      |
| Hourly Operating Cost (100%)             |                       |                       |                     |                    |                                                    |                                      |
| <b>Total:</b>                            | <b>USD \$3,652.42</b> | <b>USD \$1,025.05</b> | <b>USD \$258.98</b> | <b>USD \$38.84</b> | <b>USD \$18.70</b>                                 | <b>USD \$39.45</b>                   |

**Non-Active Use Rates**

|              | Hourly      |
|--------------|-------------|
| Standby Rate | USD \$7.47  |
| Idling Rate  | USD \$29.19 |

**Rate Element Allocation**

| Element                     | Percentage | Value             |
|-----------------------------|------------|-------------------|
| Depreciation (ownership)    | 23%        | USD \$778.55/mo   |
| Overhaul (ownership)        | 64%        | USD \$2,188.40/mo |
| CFC (ownership)             | 6%         | USD \$203.10/mo   |
| Indirect (ownership)        | 7%         | USD \$236.95/mo   |
| Fuel (operating) @ USD 3.07 | 45%        | USD \$8.44/hr     |

Revised Date: 2nd half 2019

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Paving Crew Tool Truck

www.equipmentwatch.com

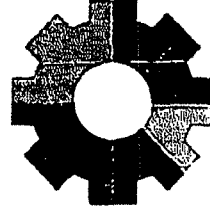
All prices shown in US dollars (\$)

**Rental Rate Blue Book®**

November 4, 2019

Miscellaneous 4X2 20KGVW DSL  
On-Highway Flatbed Trucks

Size Class:  
19,501 - 26,000 GVW  
Weight:  
6828 lbs



**Configuration for 4X2 20KGVW DSL**

|                              |             |            |        |
|------------------------------|-------------|------------|--------|
| Axis Configuration           | 4X2         | Horsepower | 200.0  |
| Maximum Gross Vehicle Weight | 20000.0 lbs | Power Mode | Diesel |

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

|                                       | Ownership Costs       |                     |                     |                    | Estimated Operating Costs<br>Hourly | FHWA Rate**<br>Hourly |
|---------------------------------------|-----------------------|---------------------|---------------------|--------------------|-------------------------------------|-----------------------|
|                                       | Monthly               | Weekly              | Daily               | Hourly             |                                     |                       |
| Published Rates                       | USD \$1,440.00        | USD \$405.00        | USD \$100.00        | USD \$16.00        | USD \$18.08                         | USD \$26.26           |
| Adjustments                           |                       |                     |                     |                    |                                     |                       |
| Region ( New York: 108%)              | USD \$115.20          | USD \$32.40         | USD \$8.00          | USD \$1.20         |                                     |                       |
| Model Year (2019: 100%)               | -                     | -                   | -                   | -                  |                                     |                       |
| Adjusted Hourly Ownership Cost (100%) | -                     | -                   | -                   | -                  |                                     |                       |
| Hourly Operating Cost (100%)          |                       |                     |                     |                    |                                     |                       |
| <b>Total:</b>                         | <b>USD \$1,555.20</b> | <b>USD \$437.40</b> | <b>USD \$108.00</b> | <b>USD \$16.20</b> | <b>USD \$18.08</b>                  | <b>USD \$26.92</b>    |

**Non-Active Use Rates**

|              |               |
|--------------|---------------|
|              | <b>Hourly</b> |
| Standby Rate | USD \$6.10    |
| Idling Rate  | USD \$20.87   |

**Rate Element Allocation**

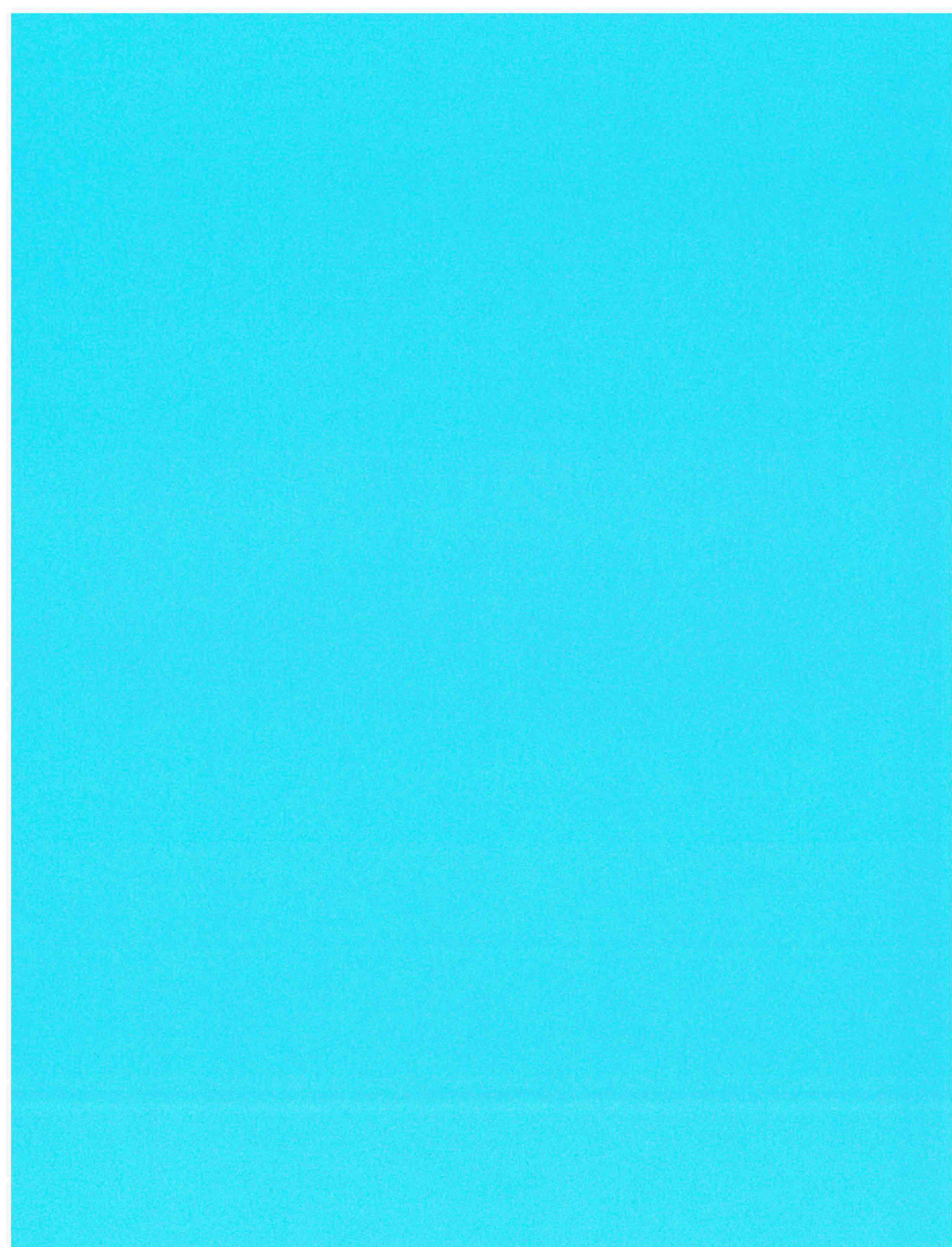
| Element                     | Percentage | Value           |
|-----------------------------|------------|-----------------|
| Depreciation (ownership)    | 48%        | USD \$691.20/mo |
| Overhaul (ownership)        | 31%        | USD \$446.40/mo |
| CFC (ownership)             | 9%         | USD \$129.60/mo |
| Indirect (ownership)        | 12%        | USD \$172.80/mo |
| Fuel (operating) @ USD 3.07 | 67%        | USD \$12.03/hr  |

Revised Date: 2nd half 2019

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## Change Order Request

LeChase Construction Services, LLC  
 220 Harborside Drive, Suite 301  
 Schenectady, NY 12305  
 Phone: 518-388-9200

Date: 12/30/2019

Owner : Albany County Airport Authority

Project: 1934006 - Albany Airport Parking Garage - 989-GCR

Reason:

---

Change Order Request # : 65 - Bulletin 33R

Description of Change: Garage elevator hoistwat louver, electrical heaters and exhaust fan locations.

| Description                           | Scope of Work                                                                                                                                                                  | Cost              |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Membrane Roofing                      | Remove already installed roofing material for L1 opening in precast concrete roof deck. Hole size 30" x 60".                                                                   | 1,076.00          |
| Plumbing & HVAC                       | Cut hole in pre-cast roof on top of elevator shaft in garage for installation of the exhaust fan and cut hole in North wall of elevator shaft for the louver per bulletin #33. | 5,518.00          |
| Electrical                            | Relocate EH-6 heater in elevator hoist way to first floor from second floor. Relocate EH-6 heaters in elevator hoist way to fifth floor from second floor.                     | 1,631.66          |
| <b>Subtotal of Costs</b>              |                                                                                                                                                                                | <b>8,225.66</b>   |
| <b><u>Change Order Add Ons</u></b>    |                                                                                                                                                                                |                   |
|                                       | Fee                                                                                                                                                                            | 411.88            |
|                                       | GL Insurance                                                                                                                                                                   | 87.79             |
|                                       | P&P Bond                                                                                                                                                                       | 52.67             |
| <b>Total For Change Order Request</b> |                                                                                                                                                                                | <b>8,778.00 ✓</b> |

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_



## INFORMATION BULLETIN No. 33R

**Project Name:** ALBANY COUNTY AIRPORT AUTHORITY    **No.:** IB33R-M-01  
**989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

**Date:** 11-14-19

**Description:**

Garage elevator hoistway louver, electric heaters and exhaust fan locations.

**Information:**

Per the conference call with Turner, Kone and LeChase on 11/7/19, the following mechanical locations were agreed upon.

- Louver L-1 will remain on the 1<sup>st</sup> level and will be located on the north wall of the Garage elevator hoistway towards the NW corner to avoid interference with the elevator counterweight, as indicated on the attached Kone drawing and Unistress screen shot that highlights final location.
- The 3 Electric Heaters (EH-6) that were originally located on the 2<sup>nd</sup> level, one EH-6 will be located on the 1<sup>st</sup> Level on the south hoistway wall towards the SW corner for the same reason as noted above. The other 2 EH-6 heaters will be relocated to the 5th Level mounted above the cab doors and elevator equipment – 1 heater on the west hoistway wall and the other heater on the east hoistway wall, as indicated on the attached Kone drawing.

**IB Status:**

**CLARIFICATION** - This serves as a clarification to the Contract Documents. Contractor to proceed with this work. No Cost and/or Schedule Impact.

**FOR PRICING** - Contractor to proceed with this work only after receiving written direction to proceed.

**NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.**

**Comments:**

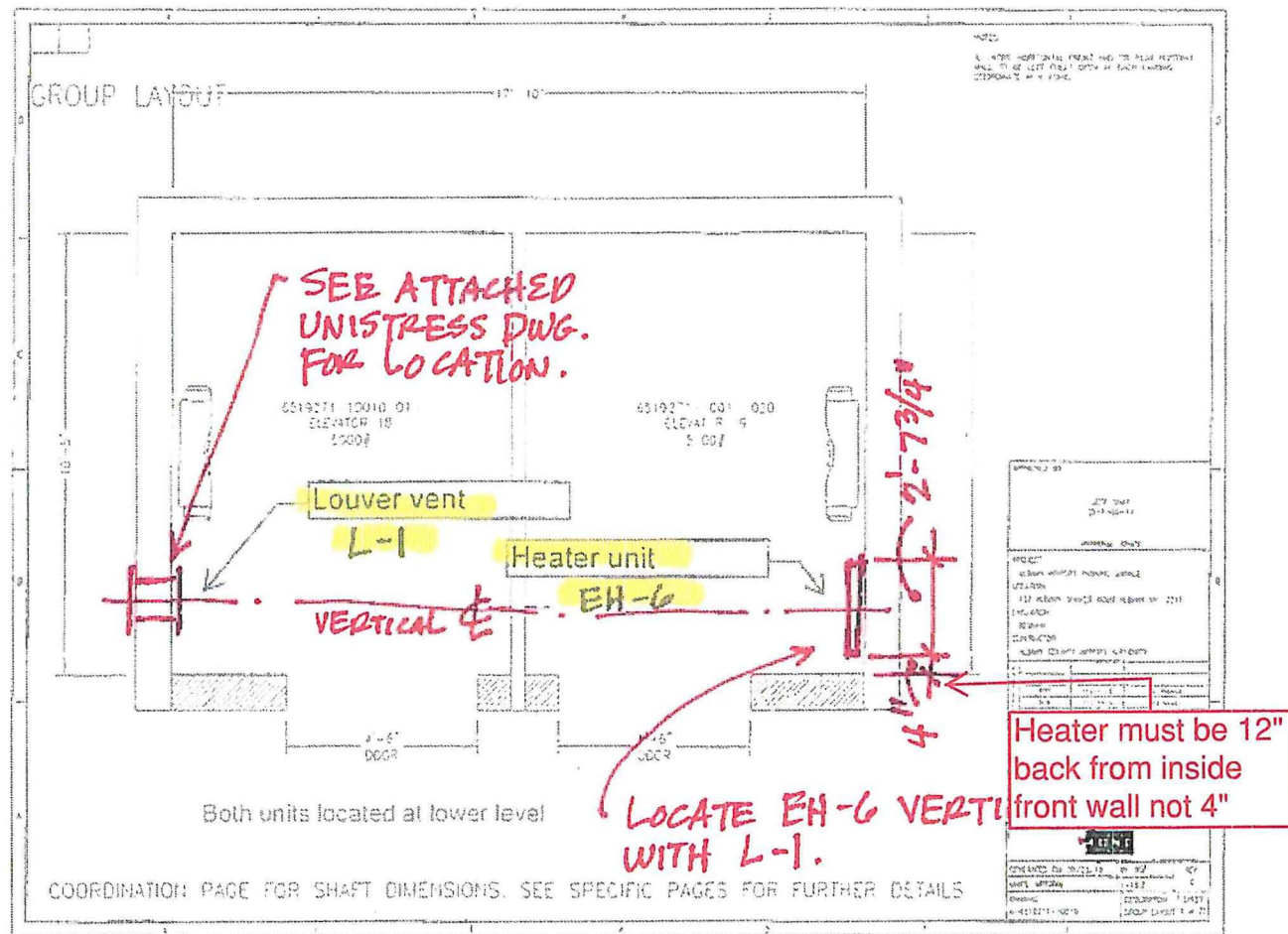
LeChase to coordinate and confirm with Kone the location of the L-1 louver, (3) EH-6 electric heaters and EF-1 exhaust fan.

**Generated By:** Phil Graziadei, Rich LaRose, CHA

Revision Dated: 11.25.19

Rec'd TCCo: 11.25.19

Rec'd TCCo: 11.08.19



Revision Dated: 11.25.19

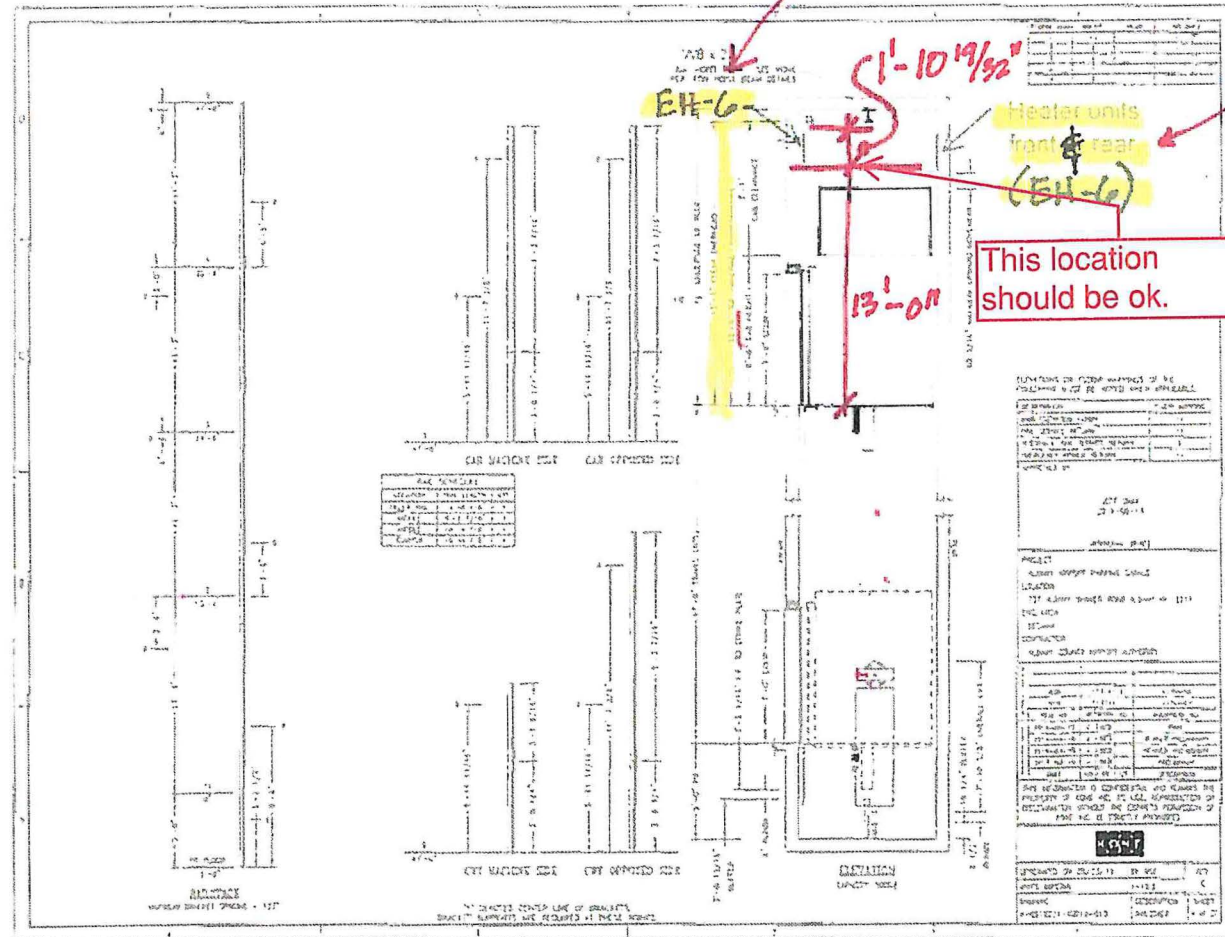
Rec'd TCCo: 11.25.19

Rec'd TCCo: 11.08.19

$$\begin{array}{r} \textcircled{1} \ 11'-6'' \\ + \ 10 \frac{19}{32} \\ \hline 12'-4 \frac{19}{32}'' \rightarrow \text{ROUND UP TO } 12'-5'' \end{array}$$

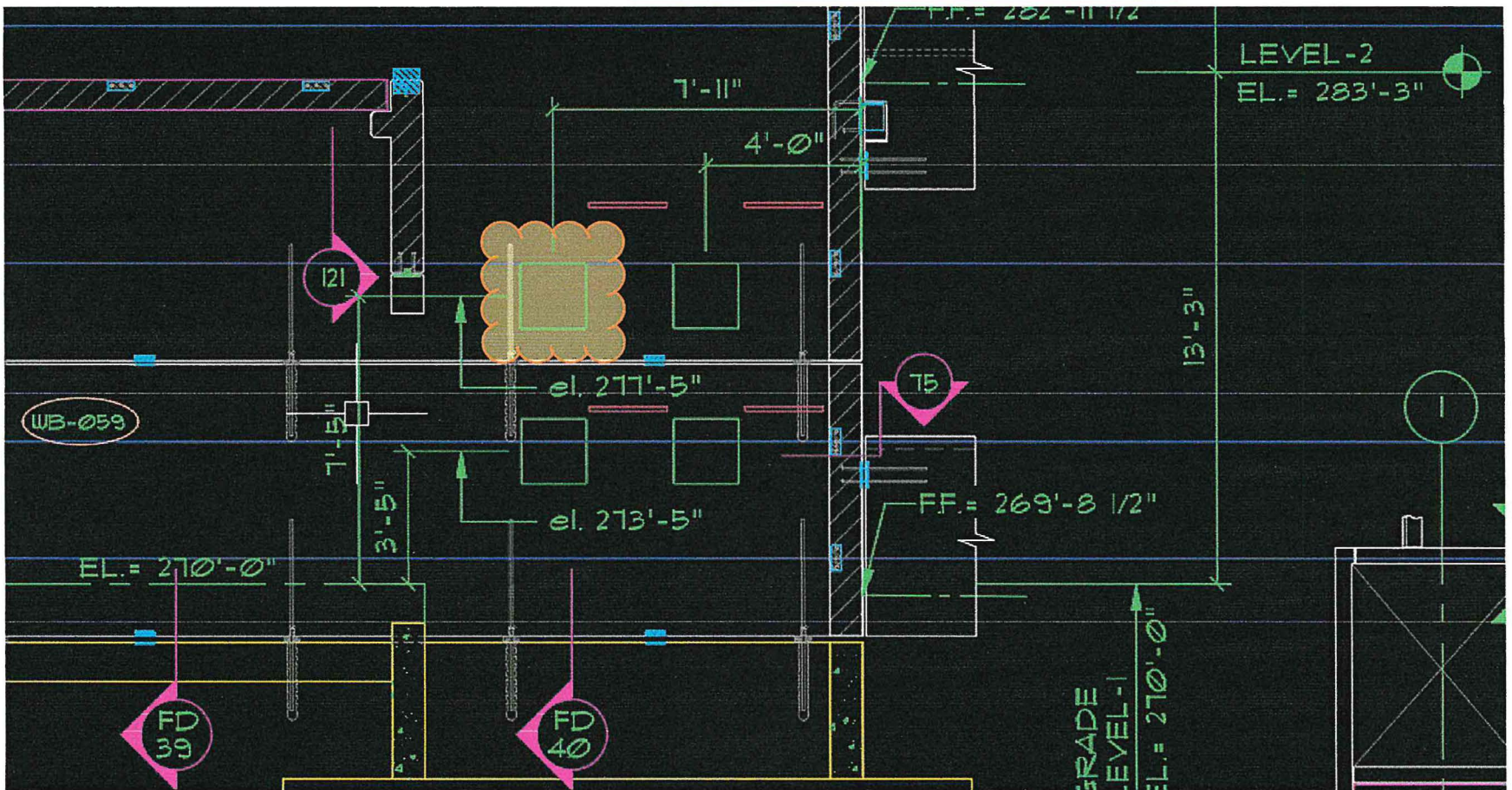
$$\begin{array}{r} \textcircled{2} \ 15'-1'' \\ - \ 12'-5'' \\ \hline 2'-8'' \text{ CLEAR} \end{array}$$

CENTER EH-6  
UNITS WITH  
DOOR OPENING



Drawing provided by Unistress for 4 possible locations of the Louver (L-1)

Revision Dated: 11-25-19  
Revised By: JCCG  
LeChase to provide Louver in Location highlighted below. (West Side of Elevator Shaft 7'-5" from floor (EL. 270'-0") to center of opening)

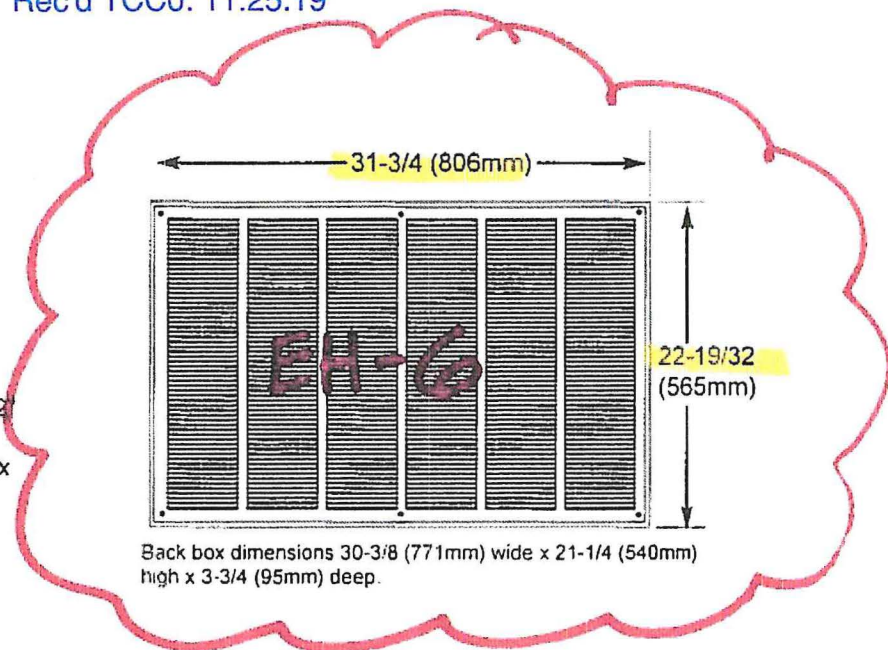




470 Beauty Spot Rd. E, Bennettsville SC 29512

**MOUNTING LIMITATION**

Recess mounting is standard. Use optional EFQ-SM for full surface mounting; EFQS-1 for 1" semi-recessed frame and EFQS-2 for 2" semi-recessed mounting. All are finished in northern white baked enamel. 22-5/4" high x 31-3/4" wide (580 mm x 810 mm).



**SELECTION CHART**

| CATALOG NUMBER | VOLTS* | PH. | WATTS | AMPS | BTU/HR. | INTER. THERMO. | DISCON. SWITCH | SHIP WT. |
|----------------|--------|-----|-------|------|---------|----------------|----------------|----------|
| EFQ6008        | 208    | 1   | 6,000 | 28.8 | 20,525  | YES            | YES            | 50 LBS   |
| EFQ6004        | 240    |     |       | 25.0 |         |                |                |          |
| EFQ6007        | 277    |     |       | 21.7 |         |                |                |          |
| EFQ6003        | 347    |     |       | 17.3 |         |                |                |          |
| EFQ60048       | 480    |     |       | 12.5 |         |                |                |          |
| EFQ6006        | 600    |     |       | 10.0 |         |                |                |          |
| EFQ8008        | 208    | 1   | 8,000 | 38.5 | 27,368  |                |                |          |
| EFQ8004        | 240    |     |       | 33.3 |         |                |                |          |
| EFQ8007        | 277    |     |       | 28.9 |         |                |                |          |
| EFQ8003        | 347    |     |       | 23.1 |         |                |                |          |
| EFQ80048       | 480    |     |       | 16.7 |         |                |                |          |
| EFQ8006        | 600    |     |       | 13.3 |         |                |                |          |

**ACCESSORIES**

| CATALOG NO. | DESCRIPTION            | SHIP WT. |
|-------------|------------------------|----------|
| EFQSM       | Surface mounting Frame | 6 Lbs    |
| EFQS1       | 1" Semi-recess Frame   | 5 Lbs    |
| EFQS2       | 2" Semi-recess Frame   | 6 Lbs    |
| EFQR24      | 24 V Power relay       | 1 Lb     |
| EFQR120     | 120V Power relay       | 1 Lb     |

**ARCHITECT'S AND ENGINEER SPECIFICATIONS\***

The heating equipment shall include an EFQ Series fan-forced air heater suitable for commercial application heating as manufactured by QMark, a division of Marley Engineered Products, Bennettsville, SC, USA Heaters shall be UL and c-UL listed.

The heater shall be designed for surface or recessed wall mounting. For surface or semi-recess mounting a EFQSM, EFQS-1 or EFQS-2 shall be used.

**BACK BOX:** The back box shall be designed for duty as a recessed rough-in box in either masonry or frame construction and also when mounting directly to the surface of the finished walls in surface mounting installations. The back box shall be heavy gauge galvanized steel and shall contain knockouts through which field wiring leads are brought.

**INNER FRAME ASSEMBLY:** The inner frame assemblies shall consist of a heavy gauge steel chassis on which are mounted the heating elements, fan motors and blades, thermostats, controls and thermal cutouts. The inner frame assemblies shall be completely prewired.

**HEATING ELEMENT:** The heating elements shall be guaranteed for five years and shall be of non-glowing design consisting of 80/20 Ni/Ch resistance wire enclosed in a steel sheath to which steel plate fins are brazed. The elements shall cover the entire air discharge area to ensure uniform heating of all discharged air.

**MOTOR AND CONTROLS:** The fan motors shall be impedance protected, permanently lubricated and totally enclosed. Fan controls shall be bimetallic, snap action type and shall activate fan after heating elements reach operating temperature, and continue to operate the fan after the thermostat is satisfied and until all heated air has been discharged. Thermostat(s) shall be tamper resistant on all modes. Thermal cutout shall be bimetallic, snap-action type designed to shut off heat in the event of over-heating.

**DISCONNECT SWITCH:** A double-pole, single throw switch will be provided for positive disconnect of power supply. It will be completely concealed behind the front cover. It will be standard on all units.

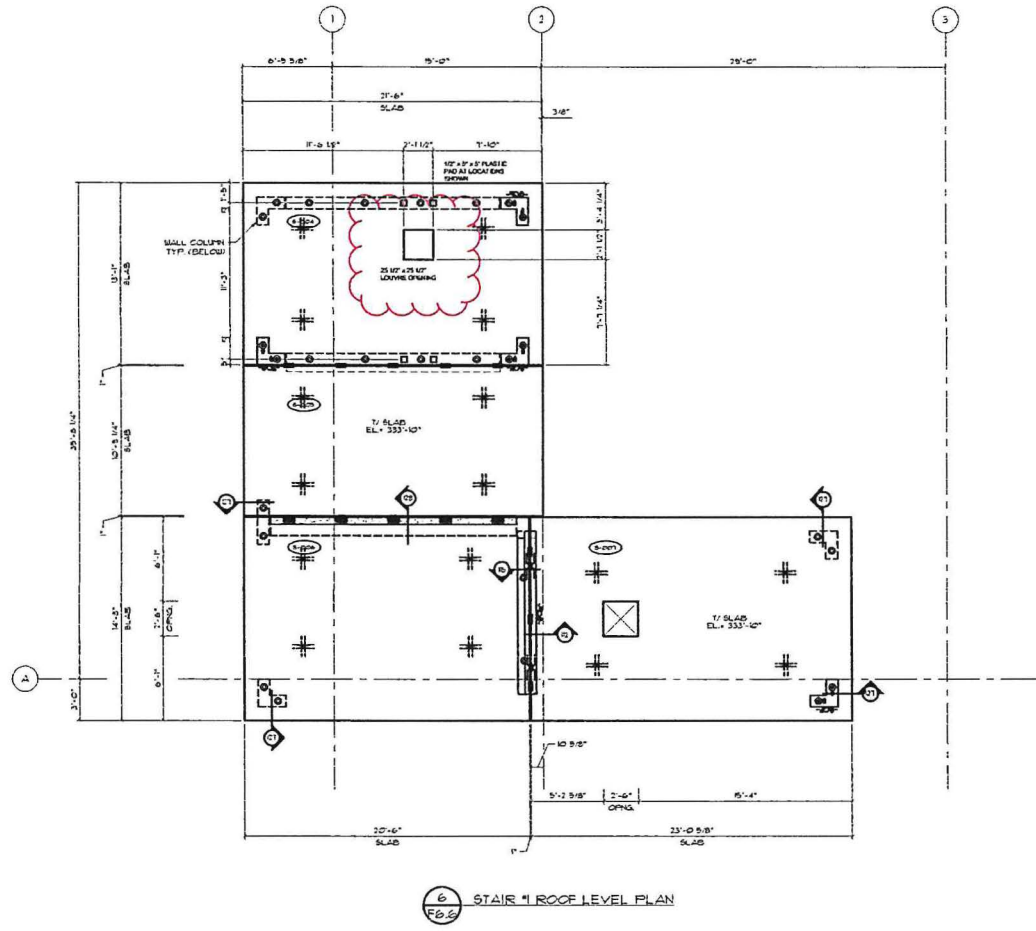
**FRONT COVER:** The louvered front cover shall be of heavy gauge steel finished in Northern White baked enamel.

**SURFACE MOUNTING FRAME:** The surface mounting frame shall be of heavy gauge steel designed to mount around the back box for a finished surface installation. Slot knockouts shall be provided for power supply conduit.

**FINISH:** All sheet metal parts, except the galvanized steel back box, shall be phosphatized then completely painted by a baked enamel painting process.

\*QMark reserves the right to change specifications without prior notice.

Exhaust Fan 1 Opening Location



| NO | DATE | ISSUE |
|----|------|-------|
|    |      |       |
|    |      |       |
|    |      |       |
|    |      |       |

**TWC**  
 WORLDWIDE ENGINEERING  
 PRECAST CONCRETE ENGINEERING GROUP  
 7000 WASHINGTON ST., SUITE 120  
 ALBANY, NEW YORK 12208  
 PH: 518-437-1200

**unistress**  
 P.O. BOX 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441  
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

FOR APPROVAL  
NOV 25 2019 4:02 PM

ALBANY INTERNATIONAL AIRPORT P/G  
 ALBANY, NEW YORK  
 TURNER CONSTRUCTION  
 DESMAN DESIGN MANAGEMENT  
 STAIR #1 PLANS

|           |                  |
|-----------|------------------|
| DATE:     | 05/26/19         |
| SCALE:    | 1/4" = 1'-0"     |
| CIRCS:    | REV.   DFTMC   M |
| JOB NO.:  | 51421            |
| DWG. NO.: | F6.6             |

C:\Users\jgarcia\Documents\51421\51421 - Albany Airport\Turner\CA\1101-19-01.dwg, Nov 25, 2019, 4:02 PM



**Albany County Airport Authority  
Work Directive**

|                 |                              |                      |                                            |
|-----------------|------------------------------|----------------------|--------------------------------------------|
| Contractor Name | <u>LeChase Construction</u>  | Change Directive No. | <u>68</u>                                  |
| Contact         | <u>Ryan Faulkner</u>         | Contract No.         | <u>989-GC</u>                              |
| Address         | <u>1473 Erie Boulevard</u>   | Project Name         | <u>Parking Garage General Construction</u> |
| City, State ZIP | <u>Schenectady, NY 12305</u> | Project Location     | <u>Albany International Airport</u>        |

**Basis of Work Directive**

- Error/Omission  
 Owner Request  
 Value Engineering  
 Request for Information
- Differing Site Condition  
 Field Resolution  
 Information Bulletin

**Adjustment to Contract Sum (indicate if zero cost)**

Add: \$ TBD Deduct: \$ \_\_\_\_\_

**Adjustment to Contract Time**

- No Change  
    \_\_\_ Days Added  
    \_\_\_ Days Deducted

**Cost Basis (check all that apply)**

- Time & Material Not to Exceed  
 Allowance (described below)
- Fixed Price  
 Unit Price

**Your company is authorized and directed to proceed with the following (attach additional sheets if needed):**

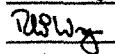
*Cutting the openings for the installation of the louver (L-1) and the Exhaust Fan (EF-1) in the elevator shaft in the parking garage. Move the electric heaters in the hoistway. Three total heaters (1 on Level 1, 2 on level 5). Mount the two electrical heaters above the cab doors and elevator equipment (1 on the wall wall and one on the east wall.*

**Justification:**

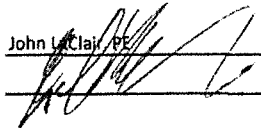
989 GC Information Bulletin 33 issued by CHA dated 11.08.19

**Special Notice:** This Change Directive identifies satisfaction of all compensation and time adjustments related to this change in the Work

**Construction Manger Recommendation**

Name Robert Wagner  
Signature   
Date 11/21/19

**Contracting Authority Approval**

Name John L. Claj, PE  
Signature   
Date \_\_\_\_\_

# Change Order Request



C.O.R. # 052392-95-011

G.C. #

Date: 11/11/2019

**Project Name:** 052392-Albany County Airport Pedestrian Bridge & Parking  
Garage Plumbing

**Project #:** 052392

**To:** LeChase Construction Services - Schenectady  
**Attn:**  
1473 Erie Blvd.  
  
Schenectady, NY 12305

**From:** Postler & Jaeckle Corp.  
Jesse Gorman  
615 South Avenue  
Rochester, NY 14620-1385

**Phone:** (518) 388-9200 **Fax:** (518) 388-9206

**Phone:** (585) 546-7450 **Fax:** (585) 546-4316

We hereby propose to make the following changes:

Cut Holes in Precast for EF and Louver

Cut hole in pre-cast roof on top of elevator shaft in garage for installation of the exhaust fan and cut hole in North wall of elevator shaft for the louver per bulletin #33. This quote excludes temporary protection, roofing or blocking. Removal and disposal of the removed pre-cast will be performed by P&J with assistance of LeChase Lull.

This proposal includes one mobilization to cut both holes, locations determined and approved by others prior to arrival onsite.

**Change Order Price**                      \$5,518.00

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 0 days in conjunction with this change.

Jesse Gorman                      11/11/2019  
\_\_\_\_\_  
Author                                      Date Sent

Accepted      The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date of Acceptance

# Change Order Request



C.O.R. # 052392-95-011

G.C. #

Date: 11/11/2019

**Project Name:** 052392-Albany County Airport Pedestrian Bridge & Parking  
Garage Plumbing

**Project #:** 052392

## Labor

| Labor Type | Man Hrs | \$/Hr   | Burden | Fringe | Total Tax | Sub Total   | Markup |        | Total Labor |
|------------|---------|---------|--------|--------|-----------|-------------|--------|--------|-------------|
|            |         |         |        |        |           |             | %      | Amount |             |
| Plumber    | 8.00    | \$95.00 | \$0.00 | \$0.00 | \$0.00    | \$760.00    | 0.00%  | \$0.00 | \$760.00    |
|            |         |         |        |        |           | Sub Total   |        | \$0.00 | \$760.00    |
|            |         |         |        |        |           | Grand Total |        | \$0.00 | \$760.00    |

## Subcontracts

| Company           | Description      | Sub Total   | Markup |          | Total      |
|-------------------|------------------|-------------|--------|----------|------------|
|                   |                  |             | %      | Amount   |            |
| Witch Enterprises | Saw Cut Pre-Cast | \$4,325.00  | 10.00% | \$432.50 | \$4,757.50 |
|                   |                  | Sub Total   |        | \$432.50 | \$4,757.50 |
|                   |                  | Grand Total |        | \$432.50 | \$4,757.50 |

|                           |                   |
|---------------------------|-------------------|
| <b>Total</b>              | <b>\$760.00</b>   |
| <b>Subcontract</b>        | <b>\$4,325.00</b> |
| <b>Markup Subcontract</b> | <b>\$432.50</b>   |
| <b>Total</b>              | <b>\$5,518.00</b> |

CHANGE ORDER REQUEST

TITAN ROOFING, INC.  
 200 TAPLEY STREET  
 SPRINGFIELD, MA 01104-2827  
 P413-536-1624 F413-533-2560

45031

BILL

TO: LECHASE CONSTRUCTION SERVICES,  
 220 HARBORSIDE DRIVE-SUITE 301  
 SCHENECTADY NY 12305

WORK T#50155; IB#33  
 DONE ALBANY COUNTY AIRPORT GARAGE  
 AT: 737 ALBANY SHAKER R, ALBANY, NY  
 TE CERT ST120.1 BID#19-0243

| JOB NO.    | CUST ORDER# | TERMS | REQUEST NUMBER | DATE     |
|------------|-------------|-------|----------------|----------|
| 190077-401 | 1934006.008 | NET 7 | 401            | 11/27/19 |

| QUANTITY | DESCRIPTION | UNIT PRICE | AMOUNT |
|----------|-------------|------------|--------|
|----------|-------------|------------|--------|

11/14/2019 TICKET # 50155

OPEN UP ROOF FOR CONCRETE ROOF DECK ON STAIR #1 TO  
 BE CUT FOR 30"X60" HOLE FOR FAN CURBS.

|      |                           |          |         |               |
|------|---------------------------|----------|---------|---------------|
| 7.00 | LOCAL 241 ROOFER FOREMAN  | 11/14/19 | 65.00RT | 455.00        |
| 7.00 | LOCAL 241 ROOFER MECHANIC |          | 65.00RT | <u>455.00</u> |

SUBTOTAL 910.00

|   |                |  |         |              |
|---|----------------|--|---------|--------------|
| 1 | FUEL SURCHARGE |  | 75.00EA | <u>75.00</u> |
|---|----------------|--|---------|--------------|

SUBTOTAL 75.00

|            |               |
|------------|---------------|
| TOTAL COST | <u>985.00</u> |
| OVERHEAD   | 91.00         |

C/O REQUEST TOTAL \$1,076.00

CHANGE ORDER REQUEST-ADDRESS  
 WITHIN 30 DAYS-IF NO C.O. IS  
 ISSUED IN 30 DAYS IT WILL BE  
 BILLED ON AIA WHEN COMPLETE

# TITAN ROOFING, INC.

50155

200 Tapley Street  
Springfield, MA 01104  
Phone (413) 536-1624  
Fax (413) 533-2560

165 Harding St.  
Worcester, MA 01604  
Phone (508) 755-0487  
Fax (508) 756-8609

115 Old Colony Ave.  
Quincy, MA 02170  
Phone (617) 773-7660  
Fax (617) 773-7727

32 Railroad Ave  
Albany, Ny 12205  
Phone (518)235-1707  
Fax (518)235-1753

## EXTRA WORK REQUEST - TIME & MATERIAL

|                                            |                                     |
|--------------------------------------------|-------------------------------------|
| Customer Name: <u>LeChase Construction</u> | Titan Manager: <u>Bob Farnon</u>    |
| Date of Work: <u>11/14/16</u>              | Authorization Number: <u>IB #33</u> |
| Job Name: <u>ALBANY GARAGE</u>             | Day of the Week: <u>THURSDAY</u>    |
| Job Location: <u>ALBANY NY</u>             | Job Number: <u>190077</u>           |
| Work ( ) Complete: ( ) In Process:         |                                     |

Description of Work:  
OPEN UP ROOF FOR CONCRETE ROOF DOME ON STRIP #1 TO BE CUT FOR 30" x 30" HOLES FOR FAN CURBS  
  
ZACK JOHNSON (617) 518-560-0028

### Labor

| Name of Workman       | Position          | Trade Craft    | Regular Hours |      |       | Time & 1/2 Hours |      |       |
|-----------------------|-------------------|----------------|---------------|------|-------|------------------|------|-------|
|                       |                   |                | Hrs           | Rate | Total | Hrs              | Rate | Total |
| <u>Kevin LaPointe</u> | <u>Foreman</u>    | <u>Roofing</u> | <u>7</u>      |      |       |                  |      |       |
| <u>Mike Myers</u>     | <u>Journeyman</u> | <u>Roofing</u> | <u>7</u>      |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |
|                       |                   |                |               |      |       |                  |      |       |

| Material | Qty | Unit | Amount |
|----------|-----|------|--------|
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |
|          |     |      | \$     |

| Equipment <u>Truck</u> | Hours | Rate | Amount |
|------------------------|-------|------|--------|
|                        |       |      | \$     |
|                        |       |      | \$     |
|                        |       |      | \$     |
|                        |       |      | \$     |
|                        |       |      | \$     |

Accepted By Company: Bill Hess 11/15/16

Representative: \_\_\_\_\_ Print Name: \_\_\_\_\_

**CHANGE ORDER REQUEST**



**Contractor:** Nfrastructure **Albany Airport Parking Garage 989-GCR**  
**Date:** 11/11/19  
**Contractor COR #:** \_\_\_\_\_ **PCO #:** PCO-016  
**Bid Package #:** 989-GC Bulletin 03 (IB3-PEC) 05/22/19 **Building/Area:** Parking Garage

**Change Order Reference Document:**

RFI #: \_\_\_\_\_ Bulletin #: 33 Other: \_\_\_\_\_

**Description of Change:**

RELOCATE 1 - EH-6 HEATER IN HOISTWAY TO FIRST FLOOR FROM SECOND FLOOR  
 RELOCATE 2 - EH-6 HEATERS IN HOISTWAY TO FIFTH FLOOR FROM SECOND FLOOR

**Justification**

**Change Order Attachment List:**

- |                         |   |
|-------------------------|---|
| 1. COR cover page       | 4 |
| 2. COR Reference Doc    | 5 |
| 3. Subcontractor backup | 6 |

**Commercial Verification of Price:**

- |                                                        |   |
|--------------------------------------------------------|---|
| 1. Verification of unit rates consistent with contract | 4 |
| 2. Verification of quantities and locations            | 5 |
| 3                                                      | 6 |

**Schedule Impact:**

|                                                                               |                                                                                                                                                                                                                         |                                         |                                           |          |          |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|----------|----------|
| <input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule | <b>Days to Complete Added Scope:</b>                                                                                                                                                                                    |                                         |                                           |          |          |
|                                                                               | 10                                                                                                                                                                                                                      |                                         |                                           |          |          |
| <input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime         | <table border="1"> <tr> <td><b>Current Contract Completion Date</b></td> <td><b>Adjusted Contract Completion Date:</b></td> </tr> <tr> <td align="center">03/12/20</td> <td align="center">03/12/20</td> </tr> </table> | <b>Current Contract Completion Date</b> | <b>Adjusted Contract Completion Date:</b> | 03/12/20 | 03/12/20 |
| <b>Current Contract Completion Date</b>                                       | <b>Adjusted Contract Completion Date:</b>                                                                                                                                                                               |                                         |                                           |          |          |
| 03/12/20                                                                      | 03/12/20                                                                                                                                                                                                                |                                         |                                           |          |          |
| <input type="checkbox"/> C - Impact Critical, Not Recoverable                 |                                                                                                                                                                                                                         |                                         |                                           |          |          |

For both B and C: Attached detailed description of impact. List milestones impacted & state why. Attach schedule showing the impact & a recovery schedule.

**Signatory Approval**

Subcontractor: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

LeChase: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: \_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Request Termination:**

Voided Explanation: \_\_\_\_\_

Denied



| Attributes      | Item Description                                | Qty    | Price U | Price  | Disc. | Cost   | Vendor Price | Cost Adj % | Net Cost | Total Mat. \$ | Mat. Cond. | Labor U | Field Labor | Total Field Labor |
|-----------------|-------------------------------------------------|--------|---------|--------|-------|--------|--------------|------------|----------|---------------|------------|---------|-------------|-------------------|
| 1"              | Conduit - RMC Galvanized 10' Lengths            | 60     | C       | 279.33 |       | 279.33 |              |            | 279.33   | 167.6         | Quoted     | C       | 7           | 4.2               |
| 1"              | Double Locknut & Bushing Labor - RMC Galvanized | 2      | E       | 0      | 0     |        |              |            |          |               | No Cost    | E       | 0.4         | 0.8               |
| 1"              | Bushing - Plastic 105 Degree                    | 4      | C       | 19.13  | 0     | 19.13  |              |            | 19.13    | 0.77          | Quoted     | C       | 1.2         | 0.048             |
| 1"              | Locknut - Steel                                 | 8      | C       | 20.44  | 0     | 20.44  |              |            | 20.44    | 1.64          | Quoted     | C       | 1.3         | 0.104             |
| 1"              | Measure Cut & Thread Labor - RMC Galvanized     | 2      | C       | 0      | 0     |        |              |            |          |               | No Cost    | C       | 14.5        | 0.29              |
| 1-15/16" D x 1" | 4" Round Box Malleable Iron 4-Hub               | 2      | E       | 49.65  | 0     | 49.65  |              |            | 49.65    | 99.3          | Quoted     | E       | 1           | 2                 |
|                 | 4" Round Box Cover Malleable Iron Blank         | 2      | E       | 13.26  | 0     | 13.26  |              |            | 13.26    | 26.52         | Quoted     | E       | 0.2         | 0.4               |
| #10 Black       | Wire THHN / T90 - Copper                        | 132    | M       | 146.1  | 0     | 146.1  |              |            | 146.1    | 19.29         | Quoted     | M       | 7           | 0.924             |
| #10 Green       | Wire THHN / T90 - Copper                        | 66     | M       | 146.1  | 0     | 146.1  |              |            | 146.1    | 9.64          | Quoted     | M       | 7           | 0.462             |
| #12 to #6       | Wire Connector Live Spring Twist-On - 600V      | 4      | C       | 12     | 0     | 12     |              |            | 12       | 0.48          | Quoted     | C       | 6           | 0.24              |
| 1"              | 1-Hole Strap Malleable - RMC Galvanized         | 8.522  | C       | 23.48  | 0     | 23.48  |              |            | 23.48    | 2             | Quoted     | C       | 4           | 0.341             |
| 1/4" x 1-3/4"   | Concrete Screw Hex Head - Plated Steel Blue     | 12.522 | C       | 288.7  | 0     | 288.7  |              |            | 288.7    | 36.15         | Quoted     | C       | 16          | 2.003             |
|                 |                                                 |        |         |        |       |        |              |            |          | 363.39        |            |         |             | 11.812            |



*INFORMATIONAL ONLY*

**AGENDA ITEM NO. 2.1**

**Report issuance of Emergency Contract for  
Cyber Security and Information  
Technology Services**

AGENDA ITEM NO: 2.1  
MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY  
INFORMATIONAL ONLY

**DEPARTMENT:**

Contact Person: *Philip F. Calderone, Esq.*  
*Chief Executive Officer*

**PURPOSE OF REQUEST:**

*Report issuance of Emergency Contract for Cyber Security and Information  
Technology Services*

**CONTRACT AMOUNT:** \$48,000.00  
*January 20 – April 9, 2020*

**FISCAL IMPACT - FUNDING (Dollars or Percentages)**

Federal \_\_\_\_\_ State \_\_\_\_\_ Airport 100% NA \_\_\_\_\_  
Funding Source: \_\_\_\_\_

**FISCAL IMPACT - FUNDING (Dollars or Percentages)**

Federal \_\_\_\_\_ State \_\_\_\_\_ Airport √ NA \_\_\_\_\_

**DESCRIPTION:**

*Retain a cybersecurity consultant with expertise in cyber security to immediately address the Authority computer system. The consultant shall utilize best practices for password protections, review all computer application in use for vulnerability, review privilege accounts and access levels, and determine the number of access points into the airport-wide computer based system. In addition, the cyber specialist shall determine the appropriate and secure back-up system to re-establish function of all servers in the event of another attack. A review of external contract and services shall be undertaken to access and build security firewalls to protect the Authority's interest.*

*The short term assignment shall include the following:*

- *Develop a priority plan of action and commence taking immediate step forward securing Airport systems.*
- *Conduct daily meeting with Executive staff to monitor progress.*
- *Analyze any current cyberattacks or threats.*

*The assignment shall be approximately a three month period commencing immediately. All work shall be administered in cooperation of the Airport IT Department under the direction of the CEO.*

AGENDA ITEM NO: 2.1  
MEETING DATE: January 23, 2020

**JUSTIFICATION:**

*The Authority's contractor, Logical Net, was victim to a cyberattack which effected many local companies including the Airport Authority. The Authority has subsequently restored its data base and is able to function and conduct business as usual. In order to prevent a second major attack, the Authority has determined that immediate action is necessary to protect hundreds of thousands of files which are used on a daily basis. An emergency contract has been awarded to assure that the Airlines, the Airport Authority, Million Air operation and AvPorts operation continue to function without another cyberattack.*

**CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:**

*Recommend acceptance of the CEO's emergency procurement in accordance with the Authority's procurement guidelines.*

**FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL: YES** \_\_\_\_\_ **NA** √ \_\_\_\_\_

**BACK-UP MATERIAL:**

*None*

***INFORMATIONAL ONLY***

**AGENDA ITEM NO. 2.2**

**Release Request for Proposal for Cyber  
Security and Information Technology Services**

AGENDA ITEM NO: 2.2  
MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY  
INFORMATIONAL ONLY

**DEPARTMENT:**

Contact Person: *Philip F. Calderone, Esq.*  
*Chief Executive Officer*

**PURPOSE OF REQUEST:**

*Release Request for Proposal for Cyber Security and Information Technology Services*

**CONTRACT AMOUNT:** *TBD*

**FISCAL IMPACT - FUNDING (Dollars or Percentages)**

Federal \_\_\_\_\_ State \_\_\_\_\_ Airport 100% NA \_\_\_\_\_  
Funding Source: \_\_\_\_\_

**FISCAL IMPACT - FUNDING (Dollars or Percentages)**

Federal \_\_\_\_\_ State \_\_\_\_\_ Airport √ NA \_\_\_\_\_

**JUSTIFICATION:**

*The Airport has developed into a significant business to serve the airlines and traveling public. The infrastructure has grown in size and complexity requiring protections from cyberattacks and other system failures. The Airport must be secure to protect itself from vulnerability and these actions that would impact airport operations. It has become evident that cyber security protections are necessary as well as improved information technology services. The risk to the Airport operational and financial well-being supports this investment in our information technology department.*

**CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:**

*Release a Request for Proposal (Contract # SC-1043) to seek proposals from qualified firms to perform Cyber Security and Information Technology Services.*

**FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL:** YES \_\_\_\_\_ NA √

**BACK-UP MATERIAL:**

*Legal Notice for Request for Proposal  
Request for Proposal Scope of Services*

**AGENDA ITEM NO. ES-2**

**NEGOTIATIONS:  
Change Order (Gateway Sign) to  
Contract No. 989-PC  
with Unistress Corp.**

AGENDA ITEM NO: ES-2  
MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY  
REQUEST FOR AUTHORIZATION

**DEPARTMENT:**

Contact Person: *John LaClair, Chief Engineer*

ACAA Approved  
NEGOTIATIONS  
01/23/2020

**PURPOSE OF REQUEST:**

NEGOTIATIONS: *Change Order (Gateway Sign) to Contract No. 989-PC  
with Unistress Corp.*

**BUDGET INFORMATION:**

Federal Airport Improvement Program  
Anticipated in Current ALB Capital Plan : Yes ✓ No     NA  
Funding Account No.: CPN 2261

**FISCAL IMPACT – FUNDING**

Federal                    State 100% Airport            NA             
Term of Funding: 2018-2020  
Grant No.: N/A State PIN: 1A00.97

**JUSTIFICATION:**

*Governor Andrew Cuomo commissioned a design team to prepare renderings of the Airport's New Gateway Sign and announced that the Airport would have a new gateway sign that will span Albany Shaker Road. NYSDOT has subsequently requested that the Airport advance the construction of the sign with the understanding that the Airport will be reimbursed for all of the design, inspection and construction costs. The Airport has met with all contractors and is currently negotiating the cost of the work with all involved parties.*

*We are requesting that the CEO be given authority to negotiate and execute these change orders for the gateway sign to the contractors working on the parking garage. These contractors have the equipment and resources available to complete the work in a timely manner. The change order review process is ongoing and should take approximately 2-3 months to have a final cost breakdown in place. At this time staff will present the final change orders to the Authority Board for approval.*

**CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:**

*Recommend approval.*

**FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL: YES ✓ NA**

AGENDA ITEM NO: ES-2  
MEETING DATE: January 23, 2020

**PROCUREMENT DEPARTMENT APPROVAL:**

*Procurement complies with Authority Procurement Guidelines and Chief Financial Officer has approved. YES ✓ NO    .*

**BACK-UP MATERIAL:** *None*



**AGENDA ITEM NO. ES-3**

**NEGOTIATIONS:  
Change Order (Gateway Sign) to  
Contract No. 989-GCR  
with LeChase**

AGENDA ITEM NO: ES-3  
MEETING DATE: January 23, 2020

ALBANY COUNTY AIRPORT AUTHORITY  
REQUEST FOR AUTHORIZATION

**DEPARTMENT:**

Contact Person: *Philip F. Calderone, Esq.  
Chief Executive Officer*

**ACAA Approved  
NEGOTIATIONS  
01/23/2020**

**PURPOSE OF REQUEST:**

NEGOTIATIONS: *Change Order (Gateway Sign) to Contract No. 989-GCR  
with LeChase*

**BUDGET INFORMATION:**

Federal Airport Improvement Program  
Anticipated in Current ALB Capital Plan : Yes ✓ No NA  
Funding Account No.: CPN 2261

**FISCAL IMPACT – FUNDING**

Federal \_\_\_\_\_ State 100% Airport \_\_\_\_\_ NA \_\_\_\_\_  
Term of Funding: 2018-2020  
Grant No.: N/A State PIN: 1A00.97

**JUSTIFICATION:**

*Governor Andrew Cuomo commissioned a design team to prepare renderings of the Airport's New Gateway Sign and announced that the Airport would have a new gateway sign that will span Albany Shaker Road. NYSDOT has subsequently requested that the Airport advance the construction of the sign with the understanding that the Airport will be reimbursed for all of the design, inspection and construction costs. The Airport has met with all contractors and is currently negotiating the cost of the work with all involved parties.*

*We are requesting that the CEO be given authority to issue change orders for the gateway sign to the contractors working on the parking garage. These contractors have the equipment and resources available to complete the work in a timely manner. The change order review process is ongoing and should take approximately 2-3 months to have a final cost breakdown in place. At this time staff will present the final change orders to the Authority Board for approval.*

**CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:**

*Recommend approval.*

**FINAL AGREEMENT SUBJECT TO APPROVAL BY COUNSEL: YES ✓ NA \_\_\_\_\_**

AGENDA ITEM NO: ES-3  
MEETING DATE: January 23, 2020

**PROCUREMENT DEPARTMENT APPROVAL:**

*Procurement complies with Authority Procurement Guidelines and Chief Financial Officer has approved. YES ✓ NO    .*

**BACK-UP MATERIAL:** *None*