



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 9, 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 9, 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
 Lyon M. Greenberg, M.D.
 Steven H. Heider
 Samuel A. Fresina
 Kevin R. Hicks
 Sari O'Connor

MEMBERS ABSENT

Tony Gorman

STAFF

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

ATTENDEES

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

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

1.1 NEGOTIATIONS: Professional Service Agreement: Authorization to Negotiate Professional Engineering Agreement S-1039: Design and Construction Administration Service for Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1

Mr. Iachetta recommended negotiation of Professional Services Contract S-1039 for Design and Construction Administration Service for the Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1 under the FY 2020 Federal AIP Passenger Entitlement Program with the engineering team of C&S Engineers, Inc., and Foit-Albert Associates (D/MBE).

Mr. Hicks moved to authorize negotiations of Professional Services Contract S-1039 for Design and Construction Administration Services for the Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1 under the FY 2020 Federal AIP Passenger Entitlement Program with the engineering team of C&S Engineers, Inc., and Foit-Albert Associates (D/MBE). The motion was adopted unanimously.

1.2 Change Order #2: Authorization to award Change Order #2 to Contract # 990-PARCS New Parking Access Revenue Control System to Amano McGann, Inc.

Mr. LaClair recommended authorization of Change Order #2 for Contract No.990-PARCS for New Parking Access Revenue Control System to Amano McGann, Inc. in the amount of \$103,670.11 to address purchase of 3 Ea. Pay Stations. The additional Pay Stations were needed to ensure that the new PARCS system was accessible to Airport patrons at all access points. The additional Pay Stations are being installed at key access points including in the existing Parking garage at the end of the Pedestrian bridge (on both ground level and the second floor and a second one in the baggage claim area.

Dr. Greenberg moved to authorize Change Order No. 2 to Contract No. 990-PARCS – New Parking Access Revenue Control System to Amano McGann, Inc. in the amount of \$103,670.11. The motion was adopted unanimously.

1.3 Purchase Order: Rifenburg Contracting to Cap the Depressurization Well for the New Parking Garage.

Mr. LaClair recommended authorization of a Purchase Order in the amount of \$55,000.00 to Rifenburg Contracting for the capping and repurposing of the depressurization well previously drilled by Hanson Well Drilling for the new Parking Garage Project #989-SF construction. Instead of capping and abandoning the well, the design engineers were asked to design a permanent water source that could be used by the Airport. Three quotes were obtained for this work and Rifenburg Contracting was the lowest quote and were also available to complete the work the quickest. The original contract well drilled by LeChase was capped by LeChase. This second well directed by the Authority staff is the subject of this change order.

Mr. Fresina moved to authorize a Purchase Order in the amount of \$55,000 to Rifenburg Contracting for the capping and repurposing of the depressurization well previously drilled by Hanson Well Drilling for the new Parking Garage Project #989-SF construction. The motion was adopted unanimously.

1.4 Change Order #3: Authorization to award Change Order #3 to Contract # 989-GCR New Parking Garage General Construction to LeChase Construction Services, LLC.

Mr. LaClair recommended authorization of Change Order #3 for Contract No.989-GCR for New Parking Garage General Construction to LeChase Construction Services, LLC in the amount of \$338,604.00 for unforeseen conditions encountered by

the contractor during construction. The additional work items that include ground floor slab joints and haunches, changes to masonry walls, sitework modifications around vehicular bridge, relocation of emergency generator, additional conduit for PARCS and wayfinding signs, revised site drainage for pedestrian bridge, foundations for monument signs, revenue entry island changes, galvanized bent plates, elevator revisions, additional smoke/CO detectors, insulating underground drain pipes, additional steel for elevator shafts, revisions to pedestrian bridge framing, sawcut joints in pedestrian bridge foundation wall and downtime for steel fabricator for elevator modifications. As a percentage of construction change orders are less than 3% of the bid amount we do not anticipate any significant requests for change order at this juncture.

Dr. Greenberg moved to authorize Change Order No. 3 to Contract No. 989-GCR – New Parking Garage General Construction to LeChase Construction Services, LLC in the amount of \$338,604.00. The motion was adopted unanimously.

2. November 2019 Enplanements

Mr. Zonsius presented the November 2019 enplanements.

Mr. Fresina made a motion to go into Executive Session to discuss two matters of Attorney-Client Privilege:

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

ES-2 – Matter regarding proposed litigation.

Dr. Greenberg moved to go out of Executive Session. The motion was adopted unanimously.

There was no action taken.

There being no further business, the meeting was adjourned at 12:45 p.m.



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ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING

AGENDA

January 9, 2020

Action Item:

1. **Authorization of Contracts/Leases/Contract Negotiations/Contract Amendments**
 - 1.1 **NEGOTIATIONS: Professional Service Agreement: Authorization to Negotiate Professional Engineering Agreement S-1039: Design and Construction Administration Service for Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1**
 - 1.2 **Change Order #2: Authorization to award Change Order #2 to Contract # 990-PARCS New Parking Access Revenue Control System to Amano McGann, Inc.**
 - 1.3 **Purchase Order: Rifenburg Contracting to Cap the Depressurization Well for the New Parking Garage.**
 - 1.4 **Change Order #3: Authorization to award Change Order #3 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC.**
2. **November 2019 Enplanements**
3. **Executive Session**

Attorney-Client Privilege Matters:

- **Matter leading to the appointment of a particular corporation.**
- **Matter regarding proposed litigation.**

NOTICE

TIMES UNION

timesunion.com

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

ALBANY INTERNATIONAL AIRPORT
737 ALBANY SHAKER RD
ADMINISTRATIVE BLDG SUITE 204
ATTN: KATIE KANE
ALBANY, NY 12211

Account Number: 061026000
Order Number: 0004092759
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

01-09-2020



Sworn to before me, this 10 day of January 2020.



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

Notary Public
Albany County

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NOTARY PUBLIC, STATE OF NEW YORK
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ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING

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TU11 4092759



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*Posted
Lobby 1-6-20*

ALBANY COUNTY AIRPORT AUTHORITY

SPECIAL MEETING DATE CHANGE

NOTICE

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Liz Charland

From: Liz Charland
Sent: Monday, January 6, 2020 11:25 AM
To: TU Legals
Subject: Please publish one time ASAP -- thank you.
Importance: High

ALBANY COUNTY AIRPORT AUTHORITY

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Liz Charland

From: Liz Charland
Sent: Monday, January 6, 2020 11:24 AM
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: ACAA Special Meeting Thursday January 9 2020 at 11:30 a.m.
Importance: High

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Liz Charland

From: Liz Charland
Sent: Monday, January 6, 2020 11:25 AM
To: Saratogian Newspapers; The Colonie Spotlight; The Gazette; The Troy Record
Subject: Please publish in the community section.

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 - 1.2 **Change Order #1: 2 Authorization to award Change Order #2 to Contract # 990-PARCS New Parking Access Revenue Control System to Amano McGann, Inc.**
 - 1.3 **Purchase Order: Rifenburg Contracting to Cap the Depressurization Well for the New Parking Garage.**
 - 1.4 **Change Order #3: Authorization to award Change Order #3 to Contract # 989-GCr New Parking Garage General Construction to LeChase Construction Services, LLC.**
2. **November 2019 Enplanements**
3. **Executive Session**

Attorney-Client Privilege Matters:

- **Matter leading to the appointment of a particular corporation.**
- **Matter regarding proposed litigation.**



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TO: Phil Calderone
 FROM: Michael Zonsius
 RE: November 2019 Enplanements
 DATE: January 7, 2019

November enplanements were 117,662 a decrease of 1,977 or 1.7% less than November 2018. A summary of the actual year to date enplanements for 2019 are as follows:

	<u>November</u>	<u>ACTUAL YTD</u>	<u>2019 LOW PROJECTED/ 2018 ACTUAL</u>	<u>2019 HIGH PROJECTED/ 2018 ACTUAL</u>
2019	117,662	1,401,157	1,517,639	1,522,033
2018	119,639	1,350,224	1,466,706	1,466,706
Increase	-1,977	50,933	50,933	55,327
Percent	-1.7%	3.8%	3.5%	3.8%

The change in enplanements for the month of November 2019 compared to November 2018 by carrier was:

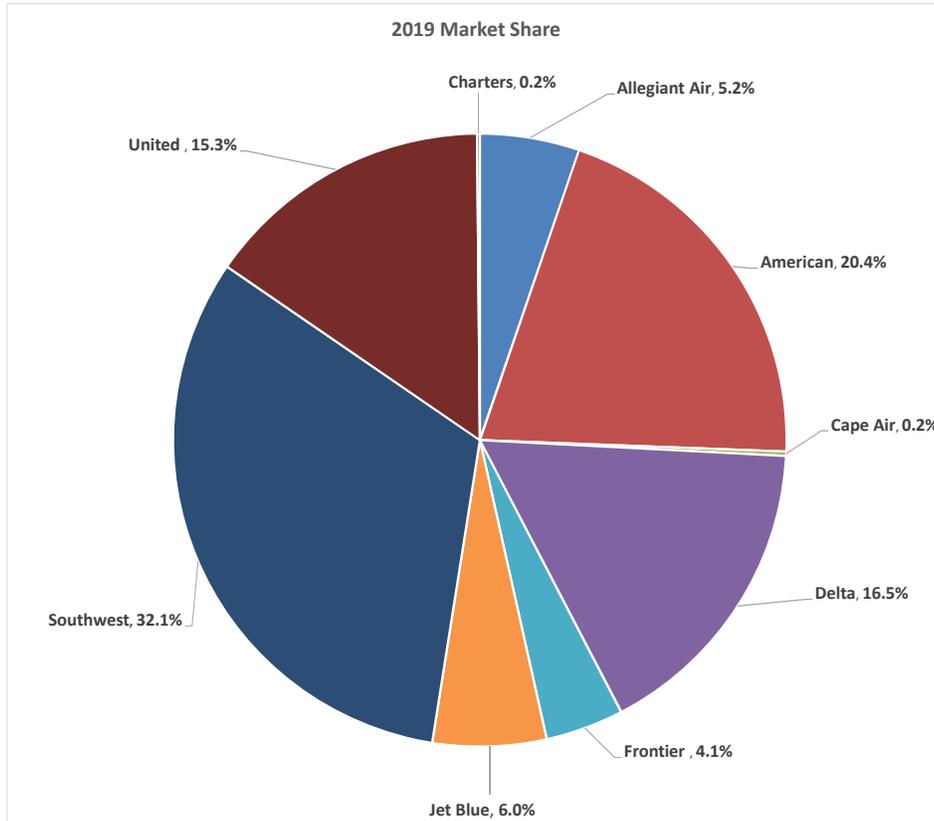
American +6.6% - Southwest Airlines -15.9% - United -9.9% - Delta -4.0% - Jet Blue +3.6%. Allegiant Air and Frontier Airways are new services. Cape Air no longer has service in Albany.

November 2019 seat capacity was 1.9% more than November 2018 and the monthly load factor for 2019 is 82%, which is 3.0% less than 2018. Enplanements in November 2019 were 4,693 or 3.8% less than the 122,355 budgeted. At this point, enplanements for 2019 are projected to be between 1,517,639 and 1,522,033. The lower projection assumes enplanements for December would be the same enplanements as December 2018 and the higher projection assumes the 1.5% year to date variance from budgeted amount for January through November would continue through the remainder of the year.

A summary of 2019 and 2018 November YTD market share by airline at Albany is as follows:

	<u>2019</u>			<u>2018</u>		
	<u>Major Carriers</u>	<u>Express Carriers</u>	<u>Totals</u>	<u>Major Carriers</u>	<u>Express Carriers</u>	<u>Totals</u>
Allegiant Air	5.2%		5.2%	0.0%		0.0%
American	6.1%	14.3%	20.4%	7.5%	13.4%	20.9%
Boutique Air	0.0%		0.0%	0.1%		0.1%
Cape Air	0.2%		0.2%	0.8%		0.8%
Delta	11.3%	5.2%	16.5%	11.2%	4.4%	15.6%
Elite Airways	0.0%		0.0%	0.1%		0.1%
Frontier	4.1%		4.1%	0.5%		0.5%
Jet Blue	6.0%		6.0%	6.1%		6.1%
Southwest	32.1%		32.1%	38.7%		38.7%
OneJet	0.0%		0.0%	0.3%		0.3%
United	7.1%	8.2%	15.3%	6.5%	10.300%	16.8%
Charters	0.2%		0.2%	0.1%		0.1%
Totals	72.3%	27.7%	100.0%	71.9%	28.1%	100.0%

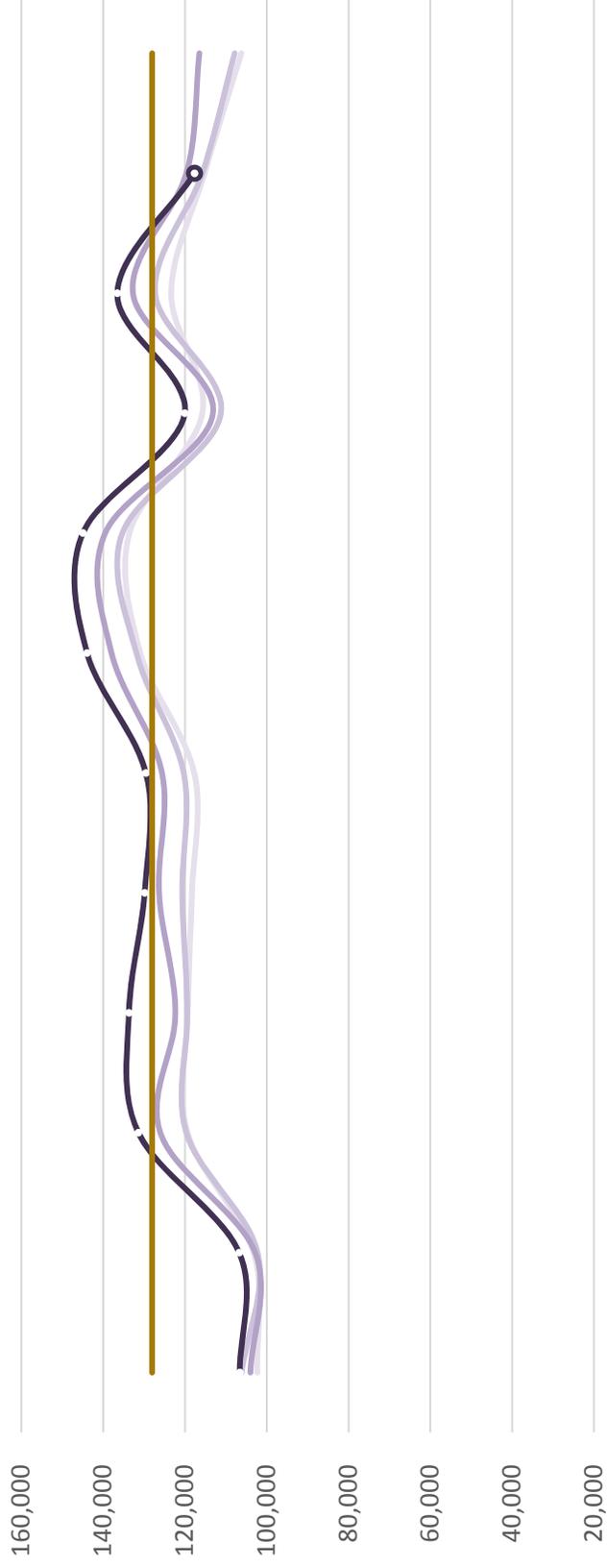
Albany International Airport Enplanements Per Carrier For the eleven months ended November 30



Carrier	Current Month		#	%	Year To Date		#	%	YTD Market Share		%
	2019	2018			Change	Change			2019	2018	
Allegiant Air	5,177	0	5,177	100.0%	73,508	0	73,508	100.0%	5.2%	0.0%	5.2%
American	26,341	24,707	1,634	6.6%	285,200	281,875	3,325	1.2%	20.4%	20.9%	-0.5%
Boutique Air	0	0	0	0.0%	0	827	(827)	-100.0%	0.0%	0.1%	-0.1%
Cape Air	0	955	(955)	-100.0%	3,275	10,960	(7,685)	-70.1%	0.2%	0.8%	-0.6%
Delta	19,209	20,007	(798)	-4.0%	231,683	210,353	21,330	10.1%	16.5%	15.6%	1.0%
Elite Airways	0	0	0	0.0%	0	1,044	(1,044)	-100.0%	0.0%	0.1%	-0.1%
Frontier	4,695	3,058	1,637	53.5%	57,878	7,153	50,725	709.1%	4.1%	0.5%	3.6%
Jet Blue	7,696	7,430	266	3.6%	83,846	82,092	1,754	2.1%	6.0%	6.1%	-0.1%
One-Jet	0	0	0	0.0%	0	3,964	(3,964)	-100.0%	0.0%	0.3%	-0.3%
Southwest	37,824	44,954	(7,130)	-15.9%	449,666	522,697	(73,031)	-14.0%	32.1%	38.7%	-6.6%
United	16,644	18,466	(1,822)	-9.9%	213,997	228,104	(14,107)	-6.2%	15.3%	16.9%	-1.6%
Other - Charters	76	62	14	22.6%	2,104	1,155	949	82.2%	0.2%	0.1%	0.1%
Total	117,662	119,639	(1,977)	-1.7%	1,401,157	1,350,224	50,933	3.8%	100.0%	100.0%	0.0%

Monthly Enplanements

Nov 2019



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2016	102,325	103,214	119,403	119,362	118,293	117,743	130,930	133,612	115,752	123,374	115,220	106,206
2017	106,168	102,255	119,677	119,423	120,665	120,316	131,916	135,306	111,208	127,281	115,758	107,862
2018	104,011	102,852	126,052	122,342	126,345	125,618	137,983	139,520	113,139	132,723	119,639	116,482
2019	106,622	106,760	131,398	133,722	129,868	129,585	143,957	144,967	120,058	136,558	117,662	
Budget	128,041	128,041	128,041	128,041	128,041	128,041	128,041	128,041	128,041	128,041	128,041	128,041

AGENDA ITEM NO. 1.1

**Professional Service Agreement:
Authorization to Negotiate Professional
Engineering Agreement S-1039: Design and
Construction Administration Service for
Passenger Boarding Bridge Improvements:
Replace Bridges A3, A5, B10 and C1 under the
proposed FY 2020 Federal AIP Program**

AGENDA ITEM NO: 1.1
MEETING DATE: January 9, 2020

ALBANY COUNTY AIRPORT AUTHORITY
REQUEST FOR AUTHORIZATION

ACAA Approved
Negotiations
01/09/2020

DEPARTMENT: *Planning and Engineering*

Contact Person: *Stephen Iachetta, AICP, Airport Planner*

PURPOSE OF REQUEST:

Professional Service Agreement: *Authorization to Negotiate Professional Engineering Agreement S-1039: Design and Construction Administration Service for Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1 under the proposed FY 2020 Federal AIP Program*

CONTRACT AMOUNT: *NA*

BUDGET INFORMATION:

Anticipated in Current ALB Capital Plan: Yes J No ___ NA
Funding Account No.: CPN 2251

FISCAL IMPACT - FUNDING (Dollars or Percentages)

Federal 0% State 0% Airport 100%*
Term of Funding: 2020-2022
Grant No.: 3-36-0001-___-2020; STATE PIN: 1A00. ___

**Pending 2020 AIP Grant Issuance (After approved by FAA amounts will be 90% federal, 5% state and 5% airport.)*

JUSTIFICATION:

Authorization is requested to negotiate Contract S-1039 Professional Engineering Services for Design and Construction Administration Service the Passenger Boarding Bridge Improvements: Replace Bridges A3, A5, B10 and C1 under the FY 2020 Federal AIP Passenger Entitlement Program. The Request for Qualifications was widely advertised and two qualified engineering teams responded. Following FAA Advisory Circular 150/5100-14E, the Evaluation Committee scored each proposal in accordance with criteria specified in the RFQ. The engineering team of C&S Engineers, Inc., and Foit-Albert Associates (D/MBE) received the highest score. The proposed negotiated design and construction administration contract will be scheduled for subsequent Board review. The project is programmed for FY 2020 passenger entitlement funding with 90% FAA, and 5% NYSDOT and Authority share allocations respectively. This contract and is in conformance with the Disadvantaged Business Enterprise requirements.

AGENDA ITEM NO: 1.1
MEETING DATE: January 9, 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 NA _____

BACK-UP MATERIAL:

Please refer to the attached RFQ, Evaluation Committee Memo and RFQ submittal.

Steve Iachetta

From: Bobbi Matthews
Sent: Tuesday, January 07, 2020 9:04 AM
To: Steve Iachetta; Michael Zonsius; John LaClair; Philip Calderone
Cc: Kathryn Kane; Jennifer Munger
Subject: Contract # S-1039 / RFQ Evaluation Results

Contract # S-1038 / Engineering Services for Passenger Boarding Bridge Improvements

Evaluation Committee:
Phil Calderone
Michael Zonsius
Steve Iachetta
John LaClair

Highest possible score: 400

Results:

C & S Engineers:	371
Aero Systems:	308

The proposer receiving the highest score is **C & S Engineers.**

*Bobbi Matthews
Purchasing Agent
Albany County Airport Authority
Administration Building, Suite 204
Albany, NY 12211
Phone:(518)242-2213
Fax: (518)242-2640*

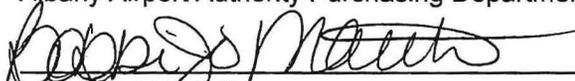
Contract #S-1039

Professional Engineering Services for Passenger Boarding Bridge Improvement

Company Name	Aero Systems Engineering, Inc	C&S Companies
---------------------	----------------------------------	---------------

I, Bobbi Matthews, certify that this proposal acknowledgment is a true copy of the submittals received for the proposal (RFP) above.

Albany Airport Authority Purchasing Department



Bobbi Matthews,
Purchasing Agent

Sworn to before me this 3rd day of January 20 20.



Notary Public

JENNIFER A. MUNGER
Notary Public, State of New York
No. 01MU6246332
Qualified in Schenectady County
Commission Expires Aug. 08, 2023



Albany County Airport Authority
Passenger Boarding Bridge Improvements:
Replace A3, A5, B10, and C1
Contract S-1039



January 3, 2020



January 3, 2020

Albany County Airport Authority
Purchasing Department
Administration Building, Suite 204
Albany International Airport
Albany, NY 12211-1057



41 State Street, Suite 600
Albany, NY 12207
(518) 915-7349
www.cscos.com

Re: Passenger Boarding Bridge Improvements: Replace A3, A5, B10, and C1 (contract S-1039)

Dear Selection Committee:

C&S has worked closely with Albany International Airport to ensure that the first three phases of your passenger boarding bridge replacement program were successful. With Phase 3 nearly complete, our staff are ready to hit the ground running on Phase 4. C&S's facilities practice of more than 100 specialists is adept at designing and improving airport infrastructure and helping our clients meet the vision they have for their facilities. Through our work on the previous passenger boarding bridge improvement projects at your airport, we have become very familiar with your facility, your staff, and ACAA's expectations. We have a deep understanding of this upcoming project and have put together a detailed approach to ensure its success. Benefits of selecting our team include:

**Consistent
and Known
Team**

Our team knows your organization and your airport. Our team worked together on Phases 1, 2, and 3 of previous passenger boarding bridge projects at your airport. We are the right teammate to seamlessly continue into Phase 4 of this important project.

**Effective
Project
Leadership**

Continuing as the project manager for this assignment, I will build on the progress of phases 1, 2, and 3 and collaborate with the airport staff to implement Phase 4. As C&S's in-house airport facility expert with 20 years of experience, I have focused my career on the needs of aviation—designing passenger boarding bridge replacements, interior renovations, or even entirely new terminal buildings.

**Proactive
Approach**

We have done our homework and have reviewed important lessons about what has worked well (and what hasn't) on past phases. We come prepared to lead this important project and outline our proactive approach in this proposal.

C&S is excited about the opportunity to continue our working relationship with Albany International Airport. With our office in downtown Albany, we are able to serve our Capital Region clients even more effectively and hope to grow our positive relationship with the Airport Authority to serve you well into the future. We look forward to speaking to you further about this project and our approach. If you have any questions, please contact me at mlamontagne@cscos.com or (315) 703-4102.

Sincerely,

C&S ENGINEERS, INC.

A handwritten signature in black ink, appearing to read 'Michael'.

Michael LaMontagne, AIA, NCARB, LEED AP
Principal Architect

Table of Contents

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Section	8	Certifications
Appendix	A	Resumes of Key Staff
Appendix	B	Required Forms
Appendix	C	Financial Statements



Section

1

Business Background

Years in Business

C&S has been in business serving the aviation needs of New York since 1968. C&S was known as Calocerinos & Spina Engineers, Inc., until 1991, when our name was legally changed to C&S Engineers, Inc. (commonly known as C&S Companies).

Corporate Information

Date/State of Incorporation	April 23, 1929; New York
President	John D. Trimble, P.E.
Vice Presidents	John F. Spina (SVP); Mike D. Hotaling (SVP); Maureen K. Clegg (SVP); Matthew J. Wenham, P.E. (VP), Jeffrey D. Palin, P.E. (VP)
Secretary	Jeffrey D. Palin, P.E.
Treasurer	John T. Camp, P.E.

Contract Failures

C&S has never failed to complete a contract awarded to the firm. To our knowledge, none of our officers or partners have ever been officers or partners of other firms that failed to complete a contract.

Financial Statements

C&S's three most recent past years' financial statements are included in Appendix C.

Business Background

C&S is one of the most well-known aviation consulting firms in New York. With offices in Albany, Syracuse, Buffalo, Rochester, Watertown, and Binghamton, we serve airports across the state. We recently completed phase 3 of the passenger boarding bridge improvements at Albany International and are excited to continue working with you. We work with many airports similar to Albany International, including Syracuse Hancock, Buffalo Niagara, Long Island MacArthur, Providence-T.F. Green, Cleveland Hopkins, Detroit Metro, Orlando International, and more. We have nearly 500 in-house architecture and engineering experts whose diversity and abilities enable us to support an incredible range of project types.

Why is C&S the Right Fit for Albany International?

C&S has completed the first three phases of ALB's passenger boarding bridge improvements and we have a proven track record at staging and managing construction. You can't afford to have your terminal and passengers inconvenienced or disturbed. Our construction phasing experts develop well thought-out plans to minimize disruptions, maintain operational efficiency, and make safety considerations a top priority.

Section 2 Pertinent Experience of Consultant

Firm Background and Qualifications

Since 1968, the C&S Companies have earned a solid reputation for quality architectural, engineering, and construction services at airports and other public and private clients. Airports across New York and the country trust C&S to deliver successful projects time and time again. Our diverse group of professionals specializes in meeting multi-disciplined challenges, working together to seamlessly complete both routine and complex projects.

Our consulting practice is client-oriented. This enhances our ability to understand the relationship of any given project to the overall goals and objectives of the client organization. It is the primary goal of our technical staff to deliver the best

product possible and provide the highest level of service. Our comprehensive range of services is somewhat unique in the industry and has proven invaluable to our clients.

Jet Bridges

Our experienced staff has completed design and construction of jet bridges for Albany International and several Upstate New York airports. We provide all aspects of the bridge design, procurement, and installation phase services.

Other facilities design work includes additions, renovations, and new construction for a wide variety of aviation facilities. Our projects include everything from small aircraft storage hangars to passenger boarding bridges to state-of-the-art passenger terminal buildings. Our staff includes



architects, interior designers, engineers, and construction professionals who work closely with airport staff to develop facilities that meet their specific needs. We specialize in green buildings and have designed several facilities that are pursuing LEED certification. Our in-house energy experts can assist with making new and old infrastructure much more energy efficient, saving valuable operational dollars.

C&S has designed new passenger terminal buildings at a number of airports and has completed major upgrades to terminals and support facilities for all sizes of airports nationwide. We have also designed nearly every type of support facility on an airfield, including ARFF buildings, equipment storage buildings, maintenance buildings, fuel facilities, sand storage, FBO facilities, and hangars. Our hangar experience includes aircraft storage and maintenance hangars, T-hangars, and corporate hangars. Whether it is a pre-engineered metal T-hangar or an in-house design, there are many areas that need careful consideration when working with buildings on an airfield. There are the owner requirements, ADA codes, regulations, and site conditions that require special consideration for each project.

Recent Experience

Few firms have as much experience with airport projects as C&S. Our staff have handled almost every type of airport building project. The projects included in this section illustrate our valuable experience on similar projects we've completed recently. All of these projects have been conducted within the applicable FAA and state-level agency regulations. Our goal is to act as an extension of your staff so that you can continue

to focus on the day-to-day safe operation of your facilities, knowing that your important projects are being taken care of by a trusted partner.

Albany Int'l Airport Passenger Boarding Bridge Replacements/Rehabilitations, Ph I
C&S was the architect and engineer for the replacement of existing passenger boarding bridges A4, B11, and C2 and rehabilitation of existing bridges. The project scope included detailed field work to assess the condition of nine bridges and develop a list of necessary improvements for prioritization and budgeting. Once the overall scope was defined C&S worked with the client to align the improvements to the available funding. The final project involved the replacement of three bridges and the replacement of tires on the remainder to ease operation concerns for end users. The refurbishments to the other five bridges were bid as add-on items to allow flexibility in award. In addition to the passenger boarding bridges, C&S completed included foundation analysis, electrical power distribution, and new pre-conditioned air and ground power units to improve sustainability and energy efficiency at the airport. Phasing documents were also developed with airport and airline personnel to ensure that work would not impact the day-to-day operations of the facility.

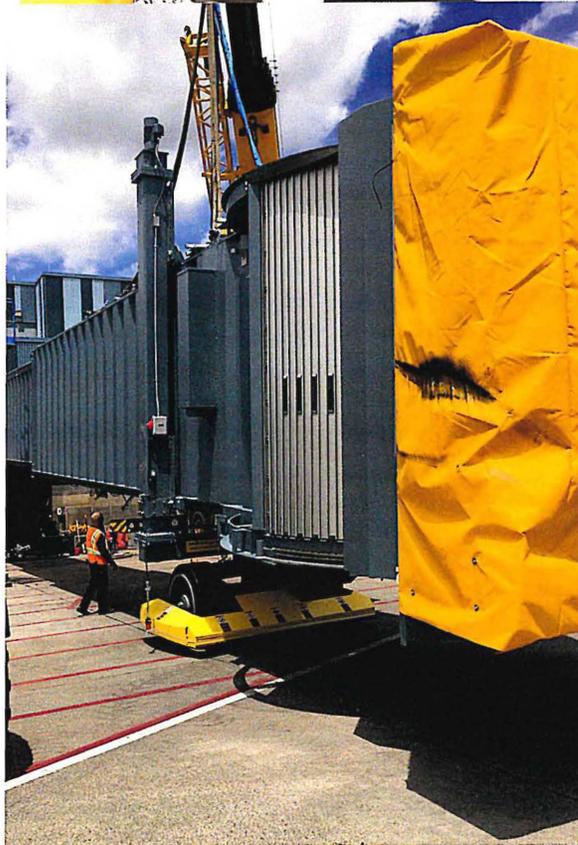


Albany Int'l Airport Passenger Boarding Bridge Replacements/Rehabilitations, Ph 2 (Gate B9)

C&S designed the replacement of the passenger boarding bridge at Gate B9, as a continuation of our work on phase 1 of the PBB replacement program. We completed the condition assessment of this gate in phase 1 of the program, reducing the time required to complete the overall project, and ensuring construction will start on schedule. C&S will provide construction administration and observation for the new gate installation.

Albany Int'l Airport Passenger Boarding Bridge Replacements/Rehabilitations, Ph 3

C&S was the architect, engineer, and construction manager for Phase 3 replacements of Bridges B5, B7, B8, and C3 as continuation of our previously completed work on Phases 1 and 2. We worked with the ACAA on an aggressive schedule to complete design and align with FAA requirements for reviews and funding deadlines. In addition to the design work required for these replacements, C&S also developed an "Accessibil-



ity Matrix" for the Authority's use. This provides a detailed analysis of the accessibility of each Bridge in compliance with FAA Advisory Circular 150/5220-21C – Aircraft Boarding Equipment. This important document outlines which Bridges can be accessed by passengers in a wheel chair either assisted or unassisted. This will be updated for Phase 4 bridges should we be selected. While Phase 3 work is complete, we are still working with the Authority and Oxford to finalize maintenance issues and tie up loose ends.

Syracuse Hancock Int'l Airport Gates 12 & 23

Client Contact: John Carni, Deputy Commissioner, (315) 454-3263

C&S was the architect and engineer for the removal and the construction of two new passenger boarding bridges (model A3-58/110) to support current aircraft mix for Gate 12 located in the airport's south concourse and Gate 23 located in the north concourse. The project includes the replacement of one foundation and the modification of an existing, replacement



of an existing bridge transition and supports, removal and replacement of the electrical power distribution for both gates, relocation of exiting 45-ton PCA and 90 kva GPU for PBB 23 and a 30-ton PCA and 90 kva GPU for PBB 12, and associated building door and façade retrofit. Project also required developing of construction phasing plans and the preparation of a Form 7460 for FAA review and approval.

Syracuse Hancock Int'l Airport Gate 15
Client Contact: John Carni, Deputy Commissioner, (315) 454-3263

C&S was the architect, engineer, and installer for a new A3-58/110 jetway passenger boarding bridge at at Gate 15. The project also included the construction of a new foundation, 12-foot bridge transition and supports, electrical power distribution, and associated building door and façade retrofit.

Syracuse Hancock Int'l Airport Gate 1
Client Contact: John Carni, Deputy Commissioner, (315) 454-3263

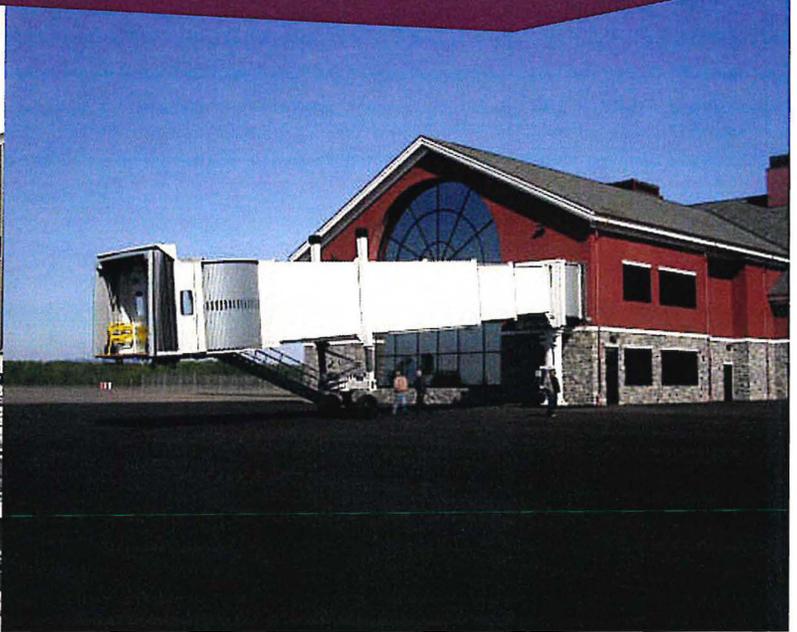
C&S was the architect and engineer for the construction of a new passenger boarding bridge to support an aircraft mix from a CRJ-200 up to a B-757 size aircraft at Gate 1 located in the air-

port's south concourse. The project included the construction of a new foundation, bridge transition and supports, electrical power distribution, a new ground power and pre-conditioned air unit, and associated building door and façade retrofit.

Syracuse Hancock Int'l Airport Aircraft Gate Electrification and Pre-conditioned Air (PCA) Units

Client Contact: John Carni, Deputy Commissioner, (315) 454-3263

The design was associated with the preparation of a VALE application. The system included five ground power units (GPU) and 13 pre-conditioned air (PCA) units on the existing passenger boarding bridges. As part of the project, an extensive review and recommendation of rehabilitation was performed. Design of two new 13.2kv feeders and switchgear with electronic metering was also incorporated. The contract also included monitoring the electrical consumption per day and usage and calculating emission from airplanes docked at the passenger loading bridges. The calculations were submitted to the FAA to show the effectiveness of the project and to secure additional funding.



Ithaca Tompkins Regional Airport New Jet Bridges

Client Contact: Mike Hall, Airport Director, (607) 279-2662

In conjunction with the terminal expansion project, C&S performed design and construction inspection services for 4 new jet bridges to serve commuter aircraft at Ithaca Tompkins Regional Airport's terminal building. The project also included PCA and portable GPU's. C&S assisted the airport in securing funding for construction of the project through the FAA's Airport Improvement program and New York State. The jet bridges were designed to provide a comfortable transition for the passengers from the terminal buildings to the aircraft. One of the primary challenges facing the project included coordination of the construction activities to allow continuous use of the airport during hours of commuter traffic.

Plattsburgh Int'l Airport Passenger Terminal

Client Contact: Rodney Brown, Deputy County Administrator, Clinton County, (518) 565-4600

C&S was the architect, engineer, and construction manager for a new \$15 million 28,800-square-foot, two-story passenger terminal at Plattsburgh International Airport. The terminal building includes a passenger boarding bridge, office space, administration space, commons area,

break room, toilet facilities, locker rooms, retail space, ticketing, baggage claim, a rental car area, TSA area, customs area, and passenger boarding and waiting areas. In addition to the TSA screening area, a 1,000-square-foot office area and support space for TSA agents was designed on the second floor. Unique features of the building include two-story open areas, covered passenger pickup and drop off access, escalators, and automated baggage handling systems.

General Mitchell Int'l Airport Passenger Bridge Gate Electrification

Client Contact: Kimberly Berry, Noise Program Manager, (414) 747-5700

C&S designed a new gate electrification system at Concourse E of General Mitchell International Airport. The design was associated with the preparation of a VALE application. The system included ground power units (GPU) and pre-conditioned air (PCA) units at nine passenger boarding bridges and replacement of several vertical drive units for multiple passenger loading bridges to handle the additional weight of the units. As part of the project, an extensive review of the electrical system on this concourse was conducted. The contract also included monitoring the electrical consumption per day and usage and calculating emission from airplanes docked at the passenger loading bridges.

Ability to Complete Projects On Time and On Budget

Schedule—We have a proven track record of delivering design and construction projects on time for Albany International. C&S completed the Phase 1 design services within the originally established schedule and completed construction documents in the necessary time for FAA grant allocation to the airport. We completed Phase 2 design ahead of schedule and were able to begin construction early. For Phase 3, we hit the ground running as soon as we were notified in order to provide FAA required review documents in time for funding deadlines.

Our design schedule is developed as part of the scope of work that will become part of our design contract. We work with you to develop a design schedule that meets your goals. We frequently monitor the design schedule and if it does fall behind, we have the ability to reallocate and focus our resources to maintain the overall project schedule. Monitoring project schedules is part of our daily project management duties at C&S. As part of the design process, we will develop a construction contract time, typically based on calendar days, and this will be a requirement of the construction contract. This process includes working with you to determine a construction phasing plan that minimizes impacts to airport operations, but also considers cost implications and constructability. Prior to construction, we will review the contractor’s schedule to ensure it is practical. For example, the contractor may have overlooked an item of work, miscalculated a production rate, or may not have accounted for the project phasing and work areas when developing the schedule. If we determine that a contractor’s schedule is not practical, we ask them to revisit their schedule and provide an updated one prior to notice to proceed.

Budget—We will prepare opinions of probable costs for the PBB improvements and review these with you regularly. We verify the project budget during the preliminary phase based on

Proposed Schedule

Based on our previous experience on similar projects and our understanding of this project, we propose the following schedule:

Award	1/2020
Scope and Fee for Board Approval	2/3/2020
Schematic Design/Draft CSPP	3/11/2020
Airline Coordination/Phasing Meeting	3/23/2020
Bid Documents	4/6/2020
Bids Received	4/30/2020
Initial Pre-Construction Meeting	6/9/2020
Shop Drawing Reviews/Lead Time	Remainder of 2020
Pre-Construction Meeting	4/6/2021
PBB Installation	5/2021 – 7/2021

estimated current construction costs associated with the scope and anticipated cost escalations. If the estimated costs are not within the existing budget, we can perform a value engineering review to determine areas where cost savings may be realized to bring the project back within budget. If the cost is still outside of the budget, we will work with you to modify the scope to bring the project back within budget. On the first three phases, C&S and the airport developed a bidding strategy that allowed the greatest use of available funding. The combination of base bid and add-on bid items allowed the airport to tailor the work completion to ensure that the bridges in greatest need were addressed first. C&S’s cost estimate was within 2.6 percent of the awarded contractor for phase 1 and less than 1 percent in Phase 2. Phase 3 came in under budget as well.

Availability and Workload

We have a fully staffed team ready to start on this assignment. On our organizational chart in Section 3, we have identified the key individuals assigned to this project, but many additional professionals are available to support these staff. We certify that these individuals are committed to performing work assignments for this project. Our team will dedicate 100% of the resources required toward this project.

Project Manager

Details about our project manager, Mike LaMontagne, and the key members of our proposed team are included in Section 3.

Affirmative Action Policy

C&S regularly engages the services of diverse teammates on our projects. We are dedicated to meeting or exceeding DBE goals on this contract. The following statement is C&S's official policy:

"C&S is committed, in spirit as well as the letter, to the principles and established laws governing equal employment opportunity. Personnel actions, favorable or unfavorable, will be performed without regard to age, color, ethnic background, disability, marital status, natural origin, sex, sexual orientation, religion, or veteran status. Forms of discrimination and harassment arising from these categories will not be tolerated in our employment practices. These practices include, but are not limited to: recruitment; hiring; promotion; compensation and related terms, conditions or privileges of employment; remuneration; training; transfers; demotions; layoffs; discharges and other terminations. The principles apply to all other terms and conditions of employment unless otherwise provided by law. Staff responsibility for the firm's affirmative action program is assigned to Mr. John F. Spina, Vice President, at 499 Col. Eileen Collins Blvd., Syracuse, New York 13212. The Human Resources Department will monitor all EEO actions, accumulate data and prepare such reports as may be required to properly control and audit the program. The policy is the standard operating procedure of C&S Engineers, Inc., and is incumbent upon all officials and employees of this firm. The policy will be posted conspicuously throughout the working premises and citation of this policy will be used in all external employment advertisements. This policy is part of the Affirmative Action plan written to provide specific guidance in matters of equal opportunity for female, minority, and otherwise disadvantaged persons. The Affirmative Action plan is available for review in the Human Resources Department during normal business hours."

DBE Participation

C&S will make a good faith effort to achieve the DBE goal of 7.4%. As with phases 1, 2, and 3 we have teamed with Foit-Albert Associates, a certified D/MBE, for construction phasing and safety plans as well as FAA paperwork. With an office in Albany, the firm has a solid track record of success on similar projects and will be a valuable member of the C&S team.

Laws and Regulations

C&S is very familiar with the regulations and laws of New York state and the County of Albany. We have completed more than 1,500 airport projects in the state and a number of other projects in Albany County, and are knowledgeable not just of state and county regulations, but also the many FAA regulations that affect airport projects.

Certifications

C&S is certified as a professional architectural and engineering company by the New York State Education Department—Serial No. 99029. C&S maintains the required insurance as specified in the proposed agreement. Our licenses and insurance documents are included in Appendix B.

Section 3 Proposed Design Team Organization

Project Manager and Key Personnel

C&S has successfully delivered three phases of the PBB replacement program with the same core team proposed here for phase 4. This team has hands-on experience with the previous bridge replacements we have designed and managed, and will continue to apply their valuable knowledge to the ongoing program.

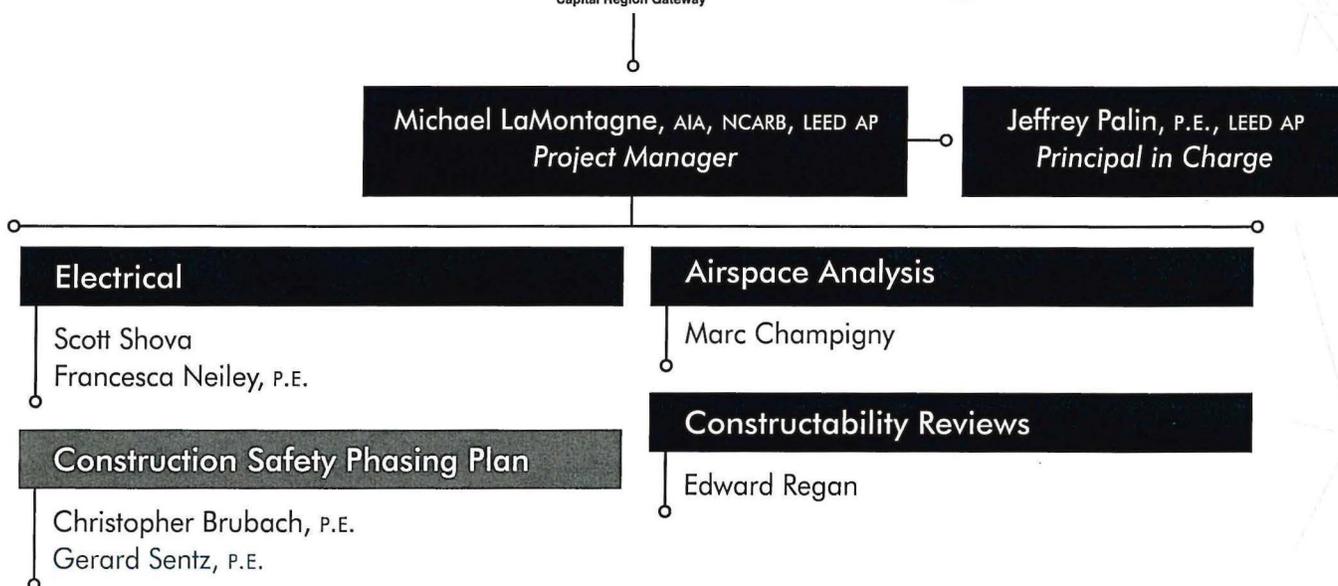
Our organizational chart below shows the key discipline leads who will be dedicated to this assignment. Resumes for key individuals are included in Appendix A.



Our seasoned project manager, Mike LaMontagne, AIA, LEED AP, will continue to lead the design for this assignment. He will be your primary contact throughout the course of this contract. With 20 years of experience, Mike has completed a large number of airport facility projects, most recently as the project manager for the terminal amenities and phases 1, 2, and 3 of the passenger boarding bridge improvements. Mike brings a proven management approach based on the philosophy that effective communication between the owner, consultant team, stakeholders, and contractors will produce a quality project that is constructed on time and within budget. He is also dedicated to serving clients through responsive and clear communication while also providing regulatory and technical guidance.



■ C&S Companies
■ Foit-Albert Associates



Subconsultant

For this assignment, we have teamed with a local partner who brings valuable skill sets that complement our in-house expertise.

- › Foit-Albert Associates, Architecture, Engineering & Surveying, is a certified D/MBE with a considerable resume in the Albany area.

Foit-Albert Associates (D/MBE)

Foit-Albert Associates is an award-winning multidisciplinary architecture, engineering, land surveying and environmental consulting firm with offices in Buffalo, Albany and New York City. The architectural group provides design, planning, adaptive-re-use, historic preservation, owner-representation services and building rehabilitations & evaluations, among other services. The engineering group provides site/civil, transportation, structural and environmental engineering as well as construction inspection and administration for various project types; and both are complimented with a full-service survey and mapping group.

Teaming with C&S for Phases I and 2 of the passenger boarding bridge improvements, Foit-Albert provided construction phasing and safety plans. They assisted at meetings with airport officials to discuss phased construction and the impacts to operations, and then developed plan



sheets to depict the phasing plan. The safety management strategy identified and mitigated the risk from construction activity on the active airfield and inside the terminal. They also completed the Part 77 Aeronautical Evaluation submission to the FAA.

Other experience at the Albany International Airport includes work on the airport's reconstruction. The work at ALB consists of rehabilitation of the terminal, building a new parking plaza, improvements to customer parking access through improved LED signage, car counting devices, access control devices etc. and installation of solar panels. Foit-Albert engineers are developing the staging plans for the renovation work inside the airport; reviewing the plan sets at various stages for the parking garage reviewing the site/civil plans. In addition, Foit-Albert Associates performed third-party review of other architectural and engineering drawings and specifications with regards to building code compliance, accessibility & constructability review.

Section 4 Project Approach

Knowledge and Understanding

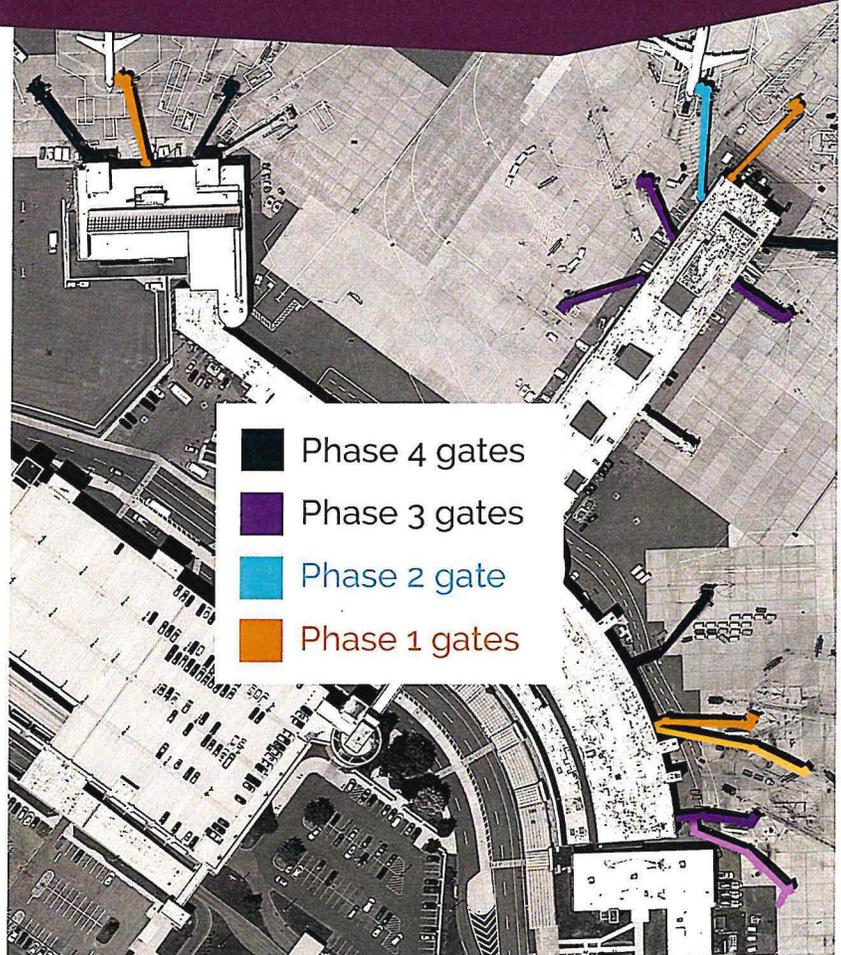
C&S has a dedicated team of architects and engineers that specialize in passenger boarding bridge renovations and new design. Our understanding of a variety of assemblies, combined with in-depth practical experience, results in an informed analysis of existing conditions. Our trained professionals investigate, define, and resolve problems.

Through our recent phases 1, 2, and 3 services we have an intimate knowledge of the current state of your passenger boarding bridges. We completed extensive field work with airport staff and reviewed the current state of finishes, flashings, foundations, mechanical, and electrical systems of nine bridges, including bridges A5 and B10, which are included in this phase. Since we have already completed this field work for three of the four bridges in this phase, we are able to progress the design more cost-effectively and faster.

Lessons Learned

With our experience of seeing Phases 1, 2, and 3 through construction, we will apply lessons learned and modify our documents to incorporate revisions that the airport determined necessary for future bridge installations. These revisions will further refine the design to ensure you are getting exactly what works for you.

1. Include more stringent requirements for installation of roof mounted units. Units shall be installed true and level while curb makes up slope of Bridge. Less reliance on caulking for weather-tightness.



2. Include testing and acceptance criteria before bridge turn-over in an effort to capture any issues before Airline use. Bridges shall be tested and operated by Contractor for one week prior to turnover.

3. Require contractor to be on site following turnover to airline for one week so that errors can be immediately addressed.



Work Program and Approach

C&S will follow the same proven approach that made phases 1, 2, and 3 successful.

Program Phase—Knowledge is power, especially at the onset of any project, so we believe in gathering as much information as possible before starting design. We will approach the program stage as an existing conditions evaluation and study, with the end result being a basis-of design report that outlines the existing conditions found and frames the proposed solutions. This report will provide a clear, concise approach that can be reviewed, discussed, and approved to ensure that all parties involved are on the same page for the selected design approach.

The first step in the phase will be for staff to conduct a site visit to review existing conditions and update the work previously completed. During this visit we will hold a kick-off meeting with

airport staff and other pertinent stakeholders that would be impacted by the project. Specifically, we will meet with the staff responsible for maintenance of each passenger boarding bridge location to review the existing conditions and learn of any operational issues that may be present in this area that cannot be easily seen by a visual inspection.

The field work includes measurements and digital photographs as necessary to produce accurate material quantities needed for project cost analysis. We will also survey and assess each passenger boarding bridge location. Additionally, we review any mechanical, electrical, or plumbing items impacted by the work and develop a solution for their continued operation.

All of the collected information will be analyzed to determine the best options for project completion. These findings, analysis, and proposed solutions will be compiled into a basis-of-design report.

Approval Phase—In lieu of simply mailing documents to you for review and approval, our standard practice is to hand deliver. At this time, we will do an over-the-shoulder, page turn review of all submitted documents. This allows us to clearly communicate our intended approach and allows the Airport to ask any questions at the same time. This process affords a thorough review of the documents together as a team.

Included in our review meeting will also be a discussion of the project budget. We prepare our opinions of probable construction costs using the latest industry tools, such as RS Means, to provide accurate unit price costs. Additionally, we leverage our relationships with trade representatives and vendors for regional trends, more accurate pricing, and document constructability reviews. Finally, we will use recently received Phase I bid numbers as comparisons. This multi-layered process helps us provide complete and accurate information to provide you the best project value.

Design Development & Construction Document Phase—After the program phase and determination of the selected alternate solution, we move into the development of contract documents for bidding. This phase will be divided into two submissions—design development and construction documents—both of which will have a review submission and meeting as outlined above before proceeding to the next step.

Our team will develop and finalize plans, details, and specifications for competitive bidding. The prepared documents, prior to final review, will go through our in-house QA/QC process which includes a peer-review by another passenger boarding bridge expert and review by our sub-consultant to verify that the documents meet all required codes and local industry trends.



After review and approval of the final documents, C&S will assist the airport in the bidding process. Once the project has been advertised, C&S will reach out to contractors to make them aware of the project in an effort to increase interest, which will help result in more competitive, and lower, bid pricing. C&S will conduct a pre-bid meeting and walk-through of the project site with interested contractors, answering any questions that arise. Questions received will be compiled into formal addenda for distribution to all plan holders.

Upon receipt of bids, C&S will perform a thorough review of the bids, prepare a bid tabulation, and provide a recommendation of award to the Authority for lowest responsive bid. Upon award, C&S will prepare conformed copies of executed contract, coordinate contractor's execution of contract, review contractors' submissions with the airport, and assist in distributing copies of the executed contract to the contractor. Finally, a notice to proceed will be coordinated with the contractor, airport, and FAA for commencement of construction.

Construction Phase—While not included in this RFQ, it should be noted that C&S has a fully capable staff of construction administrators familiar with the FAA grant process to carry this project through construction, which, when complete, will be the true measure of the project's success.

C&S is currently under contract for the construction phase services of Phase 1, and the same on-site construction manager will be involved in Phase 2 design to ensure that any lessons learned are incorporated into the Phase 2 documents. This will ensure continuity and reduce potential change orders.

Availability

The key staff assigned to this project all have ample availability in their schedule. All of our staff are adept at managing simultaneous projects, and they will ensure that Albany International Airport receives priority treatment for this important project.

Potential Problem Areas and Proposed Mitigation

As with all projects at an active airport, there are a unique set of potential issues and passenger boarding bridge projects are no different. The main issues really occur during the construction phase and can be mitigated through careful planning during design, as well as proper inspection during construction. The design process and submissions will include provisions for:

- › Continued weather tightness during construction so no damage to the interior occurs
- › Strict provisions for security badging and access point control
- › Thorough construction safety phasing plan
- › Requirements for containment of FOD and debris clean-up
- › Coordinated shut-down of any utilities or systems to not impact airport operations

Project Priority

The project team is already intimately familiar with the project and the associated issues. This project will be given the highest priority within C&S from project commencement to completion. We stand ready to mobilize our resources upon a notice to proceed from the Authority and we are confident of our ability to hit the ground running and meet your goals.

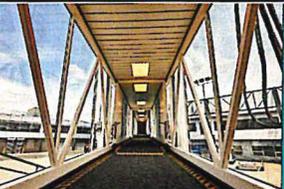
Section 5 Past Performance

Reputation for Integrity and Competence

C&S is extremely proud of our reputation for service. Each client receives our full attention and capability. Many of our airport clients have relied on C&S for decades, turning to us time and time again for their critical development and maintenance needs.

References

Our clients are the best index for the assessment of our professional abilities. The clients shown below and on each of our project descriptions can give you a realistic picture of C&S's performance, demonstrated quality of work, and ability to meet schedules and budgets. We are proud of the positive and long-lasting relationships we've earned with our clients throughout our years of service. Our references are the best testament of our reputation, and we encourage Albany County Airport Authority to contact them and ask how C&S serves their needs.

	<p>Ithaca Tompkins Regional Airport</p>	<p>Mike Hall Airport Manager (607) 257-0456</p>
	<p>General Mitchell International Airport</p>	<p>Kimberly Berry Noise Program Manager (414) 747-5700</p>
	<p>Plattsburgh International Airport</p>	<p>Rodney Brown Deputy County Administrator Clinton County (518) 565-4600</p>
	<p>Syracuse Hancock International Airport</p>	<p>John Carni Deputy Commissioner (315) 454-3263</p>



Section 6 Workload

C&S's current and projected work loads allow for a timely response to this project. Phase 3 of the PBB replacements is nearly complete, so our staff are ready to start Phase 4 immediately. As a nearly 500-person engineering/architectural firm, we have many ongoing assignments. However, in selecting individuals to work on this project, we ensured that they had ample room in their schedule to dedicate themselves to Albany International Airport. This project is very important to us, because it is our opportunity to show you the continued level of service and quality C&S is dedicated to. Our project manager will be available to Albany International Airport constantly throughout this assignment and can be on site whenever necessary.



Section

7 Disadvantaged Business Enterprise

For this opportunity, we have teamed with Foit-Albert Associates, Architecture, Engineering & Surveying, a certified D/MBE.

C&S regularly engages the services of diverse teammates on our projects. We are dedicated to meeting or exceeding DBE goals set by our clients. In fact, we make a concerted effort to team with disadvantaged firms whenever possible, whether a project has set goals or not. C&S complies with all applicable federal, state, and local regulations and laws, including the disadvantaged business enterprises (DBE) and minority and women business enterprise (MWBE) program goals established for our projects. We have consistently met or exceeded DBE/MWBE goals on airport projects nationwide. We team with DBE/MWBE firms for many projects and have many productive relationships in multiple trades and disciplines.

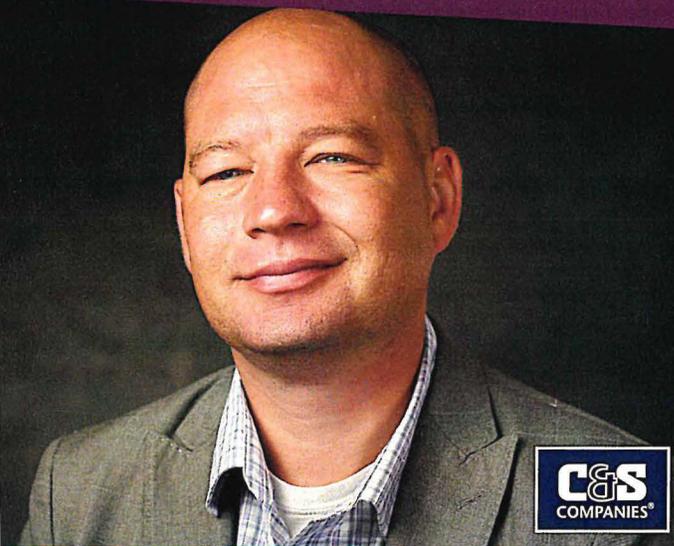
Section 8 Certifications

- › C&S certifies that we are licensed to conduct business in the State of New York.
- › C&S understands and agrees with the sufficiency of the specified scope of services to achieve the Authority's objectives.
- › C&S assures that we will comply with the airport's rules and regulations.
- › C&S intends to comply with the airport's EEO and DBE policies and plans. We are committed to having a D/MBE—Foit-Albert Associates—perform a meaningful amount of work on this assignment.
- › Copies of our insurance certificates and our Insurance Requirement Affidavit are included in Appendix B.

Appendix A Resumes of Key Staff

The following pages include resumes for the following proposed staff:

- › Michael LaMontagne, AIA, NCARB, LEED AP
Project Manager
- › Jeffrey Palin, P.E., LEED AP
Principal in Charge
- › Scott Shova
Electrical
- › Francesca Neiley, P.E.
Electrical
- › Christopher Brubach, P.E.
Construction Safety Phasing Plan
- › Gerry Sentz, P.E.
Construction Safety Phasing Plan
- › Marc Champigny
Airspace Analysis
- › Edward Regan
Constructability Reviews



- > **Leads C&S's architecture practice and provides project management, design, and construction administration**
- > **20 years of professional experience working on airport facilities, laboratories, municipal buildings, higher education and K-12 schools, vehicle maintenance, religious, and industrial projects**
- > **Focuses on helping clients realize their goals and balancing them with aesthetics, sustainability, functionality, and cost effectiveness.**

Education

Bachelor of Architecture,
Syracuse University,
2002

Registration and Certifications

Registered Architect—
NY, FL, NJ, PA, AZ

National Council of
Architectural Registration
Boards, 2009

LEED Accredited
Professional BD&C,
2009

Certified Construction
Specifier, 2009

Certified Construction
Contract Administrator,
2009

Accessibility Inspector /
Plans Examiner, 2012

Commercial Building
Plans Examiner, 2013

Commercial Energy
Plans Examiner, 2014

Certified Building
Official, 2014

Green Globes
Professional, 2014

Albany International Airport Passenger Boarding Bridge Renovations, Phase 3, 2018—Project manager and project architect for replacement of passenger boarding bridges B5, B7, B8, and C3. Cost: \$3.5 million

Syracuse Hancock International Airport Gate 15 Preliminary FIS Design, 2018—Project manager and Architect for the conceptual design for the renovation of existing gate space to accommodate a commercial Customs and Border Protection Federal Inspection Station for 200 passenger aircraft with a combined General Aviation Facility. Cost \$2.5 million

Albany International Airport Passenger Boarding Bridge Renovations – Phase 2, Albany, NY, 2017—Project manager and project architect for replacement of passenger boarding bridge B9. Cost \$1.5 million

Ithaca Tompkins Regional Airport Gate #2 and #3 Passenger Boarding Bridge 2017—Project architect for phased design and construction for the installation of two pedestal mounted passenger boarding bridges and relocation of existing bridge. Project also included building modifications to accommodate the new bridges. Cost \$2.5 million

Syracuse Hancock International Airport Jet Bridges #12 and #23, 2016—Project architect for installation of two glass walled passenger boarding bridges and removal of existing bridges. Project also included building modifications to accommodate the new bridges. Cost \$2 million

Albany International Airport Passenger Boarding Bridge Renovations, Phase 1, 2016—Project manager and project architect for replacement of passenger boarding bridges A4, B11, and C2 and wheel replacements at five other bridges. Cost \$3.5 million

Syracuse Hancock International Airport Jet Bridge #1, 2015—Project architect for the installation of a glass walled passenger boarding bridge at a vacant gate. Project also included building modifications to accommodate the new bridge. Cost \$1 million

Albany International Airport Terminal Amenities, 2018—Project manager and architect for the interior renovations of the existing terminal building. Scope items include; toilet room renovations, additional of a Service Animal Relief Area, replacement of the wayfinding system, lighting upgrades, new terrazzo flooring throughout, escalator replacements, and PV array. Cost \$11 million.



- > **Manages C&S's facilities design group**
- > **Has more than 30 years of experience with project management, design, and construction**
- > **Responsibilities include project management, structural and civil design, and construction administration**
- > **Project experience includes airport terminal buildings, ARFF facilities, airport storage and maintenance hangars, vehicle maintenance, and industrial facilities**

Education

B.S., Civil and Environmental Engineering, Clarkson University, 1988

Registration and Certifications

Professional Engineer—NY, PA, NJ, FL, GA, OH, OK, MI, AZ, ME, VT, RI, KY, WI, MO, SC, TX, AL
LEED Accredited Professional

Professional Organizations

American Society of Civil Engineers
American Public Works Association
American Institute of Steel Construction

Ithaca-Tompkins Regional Airport Terminal Renovation, 2018—Principal in charge for the Phase 1 terminal renovation at the airport. Terminal renovations included newer passenger circulation space, ticketing and baggage handling. Cost: \$15 million

Plattsburgh International Airport Light Manufacturing Facility, 2018—Managed a 60,000-square-foot building with an intended use of light manufacturing operations for multiple tenants, office, and administrative space. Cost: \$12 million

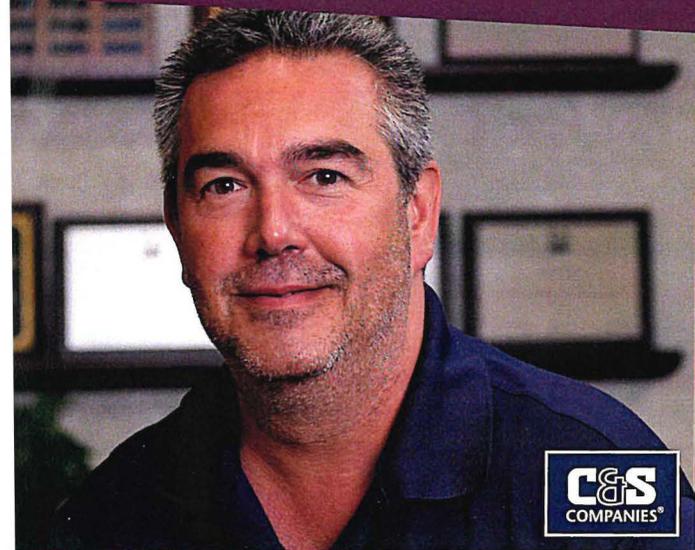
Plattsburgh International Airport Multi-Modal Facility, 2018—Managed a 2,800-square-foot building to support ground transportation for the Plattsburgh International Airport. Cost: \$25 million

Plattsburgh International Airport Customs/Cargo Facility, 2018—Managed a 15,000-square-foot building to support cargo operations at the Plattsburgh International Airport. Cost: \$7 million

Plattsburgh International Airport QTA Building, 2017—Managed the "Quick Turn Around" building at the airport. The facility was designed to support the car rental companies by providing a car wash facility. Cost: \$3 million

Griffiss International Airport FBO/FIS Building, Rome, NY, 2015—Principal in charge for design and construction of a new terminal building. Project consisted of a 12,500-square-foot multi-purpose facility which houses the airport administration, fixed based operator, and other tenants as well as a 4,200-square-foot Federal Inspection Services building for US Customs and Border Protection. Cost: \$16 million

Orlando International Airport Passenger Terminal W-247 Airside 4 Improvements, Orlando, FL, 2018—Responsibilities included performing quality control and structural design review for the expansion and improvement of the existing wing. The project included expansion and renovation of approximately 161,000 square feet for the Federal Inspection Services area. The project included a two-story addition, modifications and relocation of existing gates/jet bridges, modification and relocation of underground utility tunnel, and a new central plant. Cost: \$110 million



- > **Over 30 years of experience providing electrical design**
- > **Experience includes aircraft jet bridges; airport terminals and maintenance facilities; airport security and CCTV systems; lighting; navigational aids; fuel facilities; airport control tower equipment upgrades; facility power upgrades; communication and lighting layouts; parking facility lighting; fire alarm systems; generator and UPS backup systems; ARFF design; and aircraft deicing aprons.**

Education

A.A.S., Electrical Engineering, SUNY Canton

Certifications

BOCES two-year certificate in Electrical Trades

Overhead Crane Inspection Certification

SIE-CAP Airfield Lighting Certification

Professional Organizations

American Society of Civil Engineers

Albany International Airport Passenger Boarding Bridge Renovations, 2016—Department manager and electrical engineer for the replacement of four passenger boarding bridges and renovations to five other bridges. Cost: \$3.5 million

Syracuse Hancock International Airport Jet Bridge, 2016—Department manager and electrical engineer for the installation of a glass walled passenger boarding bridge with PCA and GPU at a vacant gate. Project also included building modifications and electrical feeders to accommodate the new bridge. Cost: \$1 million

Syracuse Hancock International Airport, Aircraft Gate Electrification, 2013—Project manager for the aircraft gate electrification project. Project included two new 13.2 kV feeders and unit substations providing power to new and existing and PCA and CPU on all aircraft jet bridges. Cost: \$2.9 million

PBG and ITH Upstate Airport Revitalization Projects, 2018—Quality control and department manager for Plattsburgh International and Ithaca Tompkins Regional airports, each seeking upwards of \$40M in NYSDOT funding. Est. cost: \$85.5 million.

Genesee County Airport Terminal Building and Maintenance Hangar, 2016—Department manager for the design and construction of a new hangar and terminal building. Project consists of a 7,000-square-foot terminal building as well as a 15,000-square-foot aircraft maintenance hangar. Cost: \$5.4 million

Griffiss International Airport Multi-Purpose and FIS Facility, 2014—Department manager for the design and construction of a new terminal building. Project consists of a 12,500-square-foot multi-purpose facility which houses the airport administration, fixed based operator, and other tenants as well as a 4,200-square-foot Federal Inspection Services building for US Customs and Border Protection. Cost: \$6.75 million

Ithaca Tompkins Regional Airport Terminal Expansion/Security Upgrades, 2014—Department manager and quality control for the design of renovations and 8,800 square feet of additions to the existing terminal building. The phased design includes provisions to enhance the traveler experience and streamline security operations. Cost: \$5.8 million



- > **Over 10 years of experience providing electrical design**
- > **Responsibilities include creating drawings, power and lighting calculations and design, specification writing, equipment selection and scheduling, cost estimation, code interpretation, project management, and client management**

Education

B.S., Mechanical Engineering, Clarkson University, 2008

Registration

Professional Engineer—NY

Professional Organizations

IESNA

Ithaca Tompkins Regional Airport Gate 2 Passenger Boarding Bridge, 2018—Using existing power sources, Francesca provided the electrical design and load calculations for all new equipment for new jet bridges, ground power units, and associated controls.

Ithaca Tompkins Regional Airport Gate 3 Passenger Boarding Bridge, 2018—Using existing power sources, Francesca provided the electrical design and load calculations for all new equipment for new jet bridges, ground power units, and associated controls.

Syracuse Hancock International Airport Gate 12 and 23 Jet Bridges, 2016—Using existing power sources, Francesca provided the electrical design and load calculations for all new equipment for new jet bridges, ground power units, pre-conditioned air units, and associated controls.

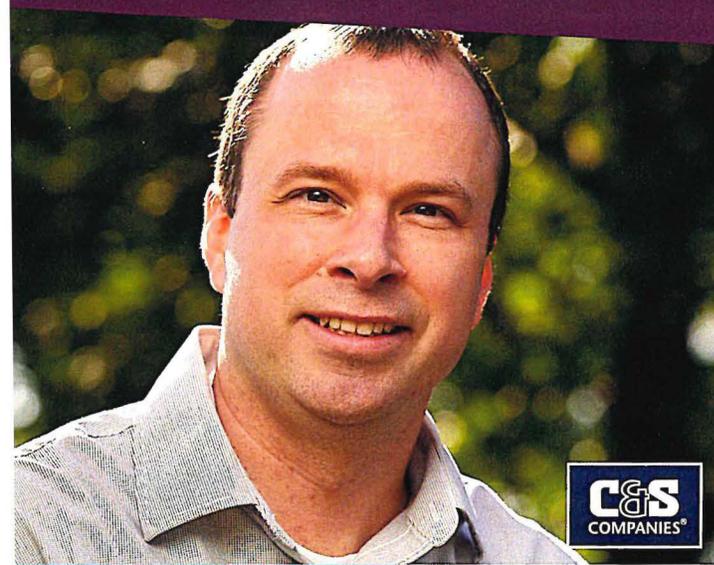
John Glenn Columbus International Airport Aircraft Gate Electrification and Pre-Conditioned Air, 2015—Design for pre-conditioned air and ground power units for existing active jet bridges for the FAA's VALE Program. Using existing airport electrical loads, calculated additional loads from units through field work and calculations.

Syracuse Hancock International Airport Gate 1 Jet Bridge, 2015—Electrical design for new jet bridge, ground power unit, pre-conditioned air unit, and associated controls involved structural, architectural, security, and electrical designs.

Syracuse Hancock International Airport Aircraft Gate Electrification, 2013—Retrofitted pre-conditioned air and ground power units onto existing active jet bridges. She calculated existing electrical loads for additional loads from units through field work and load calculations.

Plattsburgh International Airport Multi-Modal Terminal, 2017—Power distribution and lighting design for a passenger facility for ground transportation. Project involved strict coordination with other trades and sophisticated lighting design.

Syracuse Hancock International Airport Phase 3 Terminal Renovations, 2017—Renovation and expansion of non-secure passenger areas with major update to lighting systems. Architectural features highlighted this project; coordination with internal and external architects to achieve sophisticated product. Design and construction schedule provided very short de-sign time and constant coordination with contractors.



- > Nearly 20 years of experience with project management, design, and construction inspection
- > Specializes in airfield electrical and navigational aids
- > Has managed and designed a variety of projects including security improvements, lighting and signage improvements, navigational aid installations, obstruction studies, runway safety area improvements, new pavement construction, and airport pavement rehabilitation and reconstructions

Education

B.S., Environmental Resources and Forest Engineering, SUNY ESF/Syracuse University, 2001

Registration

Professional Engineer—NY, VT, PA, OH, MI, FL

Albany International Airport Runway and Taxiway Edge Light Replacement, ongoing—Project manager and lead engineer for the replacement of the edge lights on Runway 10-28, parallel taxiway and all interconnecting stub taxiways. This project included replacement of the runway guard lights, wind cones, cable and conduit, and light fixtures with LED technology. Cost: \$3 million

Griffiss International Airport Runway Rehabilitation, ongoing—Project manager and lead engineer for a 200 foot wide by nearly 12,000 foot concrete runway rehabilitation. This project will be completed in three phases over the course of three fiscal years due to FAA funding limitations. Cost: \$20 million

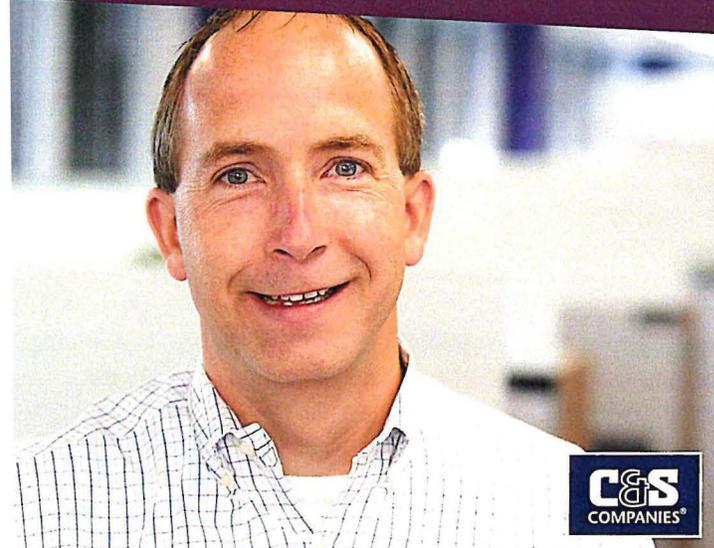
Genesee County Airport Runway 10-28 Reconstruction, 2018—Project manager and primary engineer for the reconstruction of the center portion of Runway 10-28. This project includes full depth asphalt pavement reconstruction and grade adjustment. Construction work phasing was critical as this is a single runway facility. Cost: \$3 million

Griffiss International Airport Taxiway Rehabilitation, 2017—Project manager and lead engineer for a concrete taxiway rehabilitation. This project will be completed in five phases over the

course of five fiscal years due to FAA funding limitations. All existing taxiways will be rehabilitated and are generally seventy-five feet wide and constructed of concrete. The project also includes under drain installation, pavement markings, and airfield lighting and signage modifications. The pavement geometry will be adjusted as required to comply with the latest FAA design standards and the airport's critical design aircraft. Cost: \$20 million

Buffalo Niagara International Airport, Runway 14 Rehabilitation, 2016—Engineer for the replacement of airfield lighting and signage as well as navigational aids. The project includes pavement rehabilitation and profile adjustments to Runway 14-32 including lighting and signage replacement and navigational aid modifications. Cost: \$15 million

Detroit Metropolitan Wayne County Airport, Construct Taxiway B, 2016—Lead engineer of the 2,070-foot construction of a new taxiway. Project includes complete grading and drainage improvements, utility relocations, new taxiway edge lights and signs, stop bar, runway guard lights. Cost: \$8 million



- > **Project experience includes directing and managing projects relating to airport master and system planning, environmental, site and financial feasibility, market comparables, strategic planning and management, rate analysis and economic impact assessments, and FAA 5010 safety inspections**
- > **Past roles included operations coordinator at Morristown Municipal Airport in New Jersey and special projects manager in the public sector for the NYSDOT's Aviation Services Bureau**

Education

M.B.A., The College of Saint Rose, 2003, Graduate Honors Delta Mu Delta, International Honor Society in Business

B.S., Aviation Business Administration—Aviation Management, Embry-Riddle Aeronautical University, 1995

Certifications

Private Pilot, Single Engine Land

AAAE Basic Airport Safety and Operations Specialist School

Professional Organizations

American Association of Airport Executives (AAAE)

Airports Council International—North America (ACI-NA)

Airports Consultants Council, Planning Committee

Southwest Florida International Airport Passenger Projections, ongoing—Project manager leading the development of planning level passenger projections for the airport. The effort reviewed previous forecast documents as well as developed new passenger projections using FAA methodologies to determine annual passenger projections in five year increments for a twenty year planning period. Cost: \$24,210.

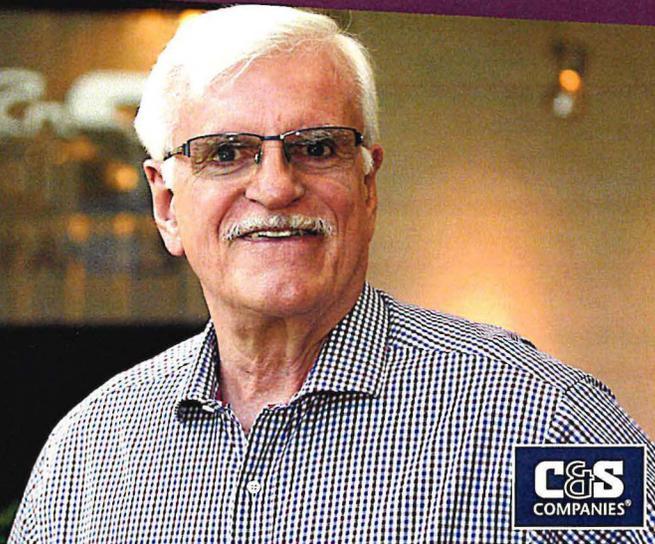
T.F. Green Airport Master Plan Update, ongoing—Project manager for a comprehensive master plan update. C&S is the prime consultant managing the master plan that is assessing the airport's airfield infrastructure to handle Group V operations; additional cargo apron processing; corporate hangars, a comprehensive review of the terminal and landside facilities to accommodate growing domestic and international flights. Cost: \$1.3 million

Philadelphia International and Philadelphia Northeast Airports On-Call Planning Services, ongoing—Program manager for on-call contract. Services to date include: a sustainability framework for the City of Philadelphia Division of Aviation; capacity assessment of the gates, ticket counters and baggage claim areas for Terminals A to F;

Runway 8-26 safety area analysis; PNE airport layout plan update; ground noise analysis; PHL high-speed taxiway assessment; market assessment of the existing Ground Transportation Center; and a strategic energy audit. Cost to date: \$1.9 million

Lehigh Valley International Airport Master Plan Update and Obstruction Analysis, ongoing—Project manager for a master plan update and obstruction analysis. The flexible 25-year development plan and program will satisfy demand in a financially feasible and responsible manner. Cost: \$1.3 million

Phoenix Sky Harbor International Airport Comprehensive Asset Management Plan, ongoing—Project director for C&S's portions of the master planning effort. Responsibilities include QA/QC and overall direction for staff that are completing portions of the inventory, land use planning, airfield facility requirements and alternatives, environmental baseline, and miscellaneous other support tasks; and the integration of sustainability into the plan. Cost: \$507,432.



- > **In his diverse and extensive career, he has accumulated more than 41 years of construction experience, including airport, transportation, school and municipal construction projects**
- > **Serves as senior project manager for C&S airport facilities construction projects, and is responsible for the successful delivery of terminal buildings, hangars, equipment storage buildings, fuel farms, air rescue, and fire facilities**

Education

A.A.S., Civil Technology,
SUNY at Alfred

Certifications

FAA P-401 Certification

Syracuse Hancock International Airport Aircraft Gate Electrification—Project manager overseeing construction to install pre conditioned air units and ground power units to existing jet bridges, including new electrical feeders. Cost \$3 million

Syracuse Hancock International Airport Terminal Expansion—Project manager overseeing pre-construction and construction management services including construction phasing, schedules, constructability reviews, budget, construction contract administration, liaison between airlines, TSA, vendors, owner and contractors and oversight of construction. Cost: \$63 million

Syracuse Hancock International Airport Emergency Operations Center—Project manager for the build out of existing terminal space to provide a 5,000-square-foot emergency operations center for the use of the airport in cooperation with local emergency response agencies. Cost \$1 million

Griffiss International Airport Federal Inspection Services and Multipurpose Buildings—Construction of a 4,200-square-foot timber and wood building and a 12,000-square-foot

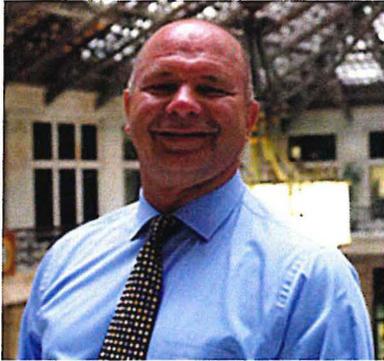
multi-purpose building to house the airport FBO, car rentals and the airport owner's staff.

Plattsburgh International Airport FBO Office Building Renovations—This project included the renovations of the existing building previously used as the Air Force Base Operations Building to accommodate the operations and use by the Airport FBO. Work included installation of new HVAC, electrical and life safety systems as well as the renovation of interior spaces and finishes.

Plattsburgh International Airport New Terminal Building—Construction of a new 29,000-square-foot passenger terminal building. The project was received a 2008 ACEC Platinum Award for Design and Construction Management.

Olean Airport Terminal Building Renovations and SRE Addition—Project manager responsible for construction contract administration and oversight for renovation of existing terminal building including new roofing, siding, interior spaces and finishes and installation of new HVAC, electrical, life safety and plumbing systems and the construction of a new two-bay pole barn SRE addition. Cost \$1 million

GERARD J. SENTZ, PE
 Vice President, Engineering



Years of Experience
 Total Years of Experience: 36
 Years with Foit-Albert: 5

Education
 M.S., Civil Engineering,
 SUNY at Buffalo, 1982
 B.S., Civil Engineering,
 SUNY at Buffalo, 1981

Registration
 1986, Engineer, NYS #062576
 1995, Engineer, PA #PE049522E
 1995, Engineer, Ohio, PE.59239

Affiliations
 American Society of Civil Engineers
 National Society of
 Professional Engineers
 American Public Works Association
 SUNY Buffalo Department of Civil,
 Structural & Environmental
 Engineering Advisory Panel

Appointments & Awards
 Emergency Management A.S.
 Degree Program Advisory Council -
 Erie Community College
 1/1/16-12/31/18
 Member of University of Buffalo
 CSEE Advisory Panel
 NSPE, Engineering
 Manager of the Year, 2009
 APWA, Management Innovation
 Award -- October Storm Response
 Efforts, March 2007
 APWA, Public Works Leader of
 Year Award, March 2006
 APWA, Technical Innovation Award
 -- Peak Load Reduction Project,
 March 2005
 Sterling Who's Who, 1996
 Who's Who of Business Leaders,
 1994/1995
 NSPE, Engineer of the Year, 1993

Gerard J. Sentz, PE (Jerry) is Vice President of Engineering managing all transportation, site/civil, environmental, inspection and emergency management staff in all offices to assure that clients are given the best uniform service and product across the State. Mr. Sentz brings over 30 years of engineering experience in both public and private practice including eleven years as Commissioner of the Erie County Department of Public Works. There he managed a staff of more than 300 individuals, including over 175 people in the Division of Highways, consisting of five districts covering more than 2,450 miles of County roads.

Albany Airport Passenger Boarding Bridge Improvements, Phase I
Albany County Airport Authority

Mr. Sentz led the Foit-Albert team in providing engineering services as a subconsultant for the replacement of existing passenger boarding bridges A4, B9, B11 and C2, as well as the rehabilitation of bridges A5, B5, B7, B8 and B10. The scope of work included the development of drawings, preparation of the Construction Safety and Phasing Plan (CSPP) and completion of Part 77 Aeronautical Evaluation (Notice of Proposed Construction or Alteration Form 7460-1) for submission to the Federal Aviation Administration. *Principal-in-Charge*

Albany Airport Passenger Boarding Bridge Improvements, Phase II
Albany County Airport Authority

Mr. Sentz led the Foit-Albert team in providing engineering services as a subconsultant for the replacement of existing passenger boarding bridge B9. The scope of work included the development of a construction phasing plan which limited interference of construction with airline operations, and review of the Construction Safety and Phasing Plan (CSPP) to provide coordination with the construction phasing plan. *Principal-in-Charge*

CR87 Bridge Replacement over Skinner Creek
Jefferson County

Mr. Sentz is managing the Foit-Albert team for this LDSA reconstruction of CR 87 (Sandy Creek Road) Bridge over the Skinner Creek in the Town of Ellisburg to meet current standards for safety and structure. The new bridge structure will be improved to meet current NYSDOT and AASHTO bridge standards and as directed by the County. He was responsible for overseeing design, public participation meetings and developing a accelerated schedule, which was two (2) months ahead of original PS&E date. *Principal-in-Charge*

CR152 Bridge Replacement over Stony
Jefferson County

Mr. Sentz is leading the Foit-Albert team for this LDSA project involving the reconstruction and slight realignment of the roadway and bridge to improve the alignment for safety and improve the substandard vertical and horizontal alignment. He is responsible for leading design efforts, adherence to budget and keeping the project on faced-paced schedule. *Principal-in-Charge*



Appendix

B Required Forms

Client#: 25451

CSWORLDW

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/05/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	CONTACT NAME: Katie Kresner PHONE (A/C, No, Ext): 770.552.4225 FAX (A/C, No): 866.550.4082 E-MAIL ADDRESS: Katie.Kresner@greyling.com
	INSURER(S) AFFORDING COVERAGE INSURER A: Berkley Assurance Company NAIC # 39462 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212	

COVERAGES CERTIFICATE NUMBER: 19-20 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDSUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/PO AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability		PCADB50090000719	07/01/2019	07/01/2020	Per Claim \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
For Professional Liability coverage, the aggregate limit is the total insurance available for all covered claims presented within the policy period.

For Professional Liability coverage, the aggregate limit is the total insurance available for all covered claims presented within the policy period.

CERTIFICATE HOLDER Sample Certificate	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/24/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Haylor, Freyer & Coon, Inc. 231 Salina Meadows Parkway P.O. Box 4743 Syracuse NY 13221	CONTACT NAME: Lisa Stipetic	
	PHONE (A/C, No, Ext): 315-453-2177	FAX (A/C, No):
E-MAIL ADDRESS: lstipetic@haylor.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Travelers Indemnity Company		25658
INSURER B: Travelers Indemnity Co of Connecticut		25682
INSURER C: Travelers Casualty Ins Co of America		19046
INSURER D:		
INSURER E:		
INSURER F:		

INSURED CSENGINEER
 C&S Engineers, Inc., C&S Architects
 Engineers & Landscape Architect, PLLC
 499 Col Eileen Collins Blvd.
 Syracuse NY 13212

COVERAGES

CERTIFICATE NUMBER: 607634710

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	P6307E874377IND19	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	BA2N15925219AG	7/1/2019	7/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y	Y	ZUP15S4388119NF	7/1/2019	7/1/2020	EACH OCCURRENCE \$ 25,000,000 AGGREGATE \$ 25,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB7K6963971943G	7/1/2019	7/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
See Attached Acord 101

CERTIFICATE HOLDER

CANCELLATION

Sample	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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**THE UNIVERSITY OF THE STATE OF NEW YORK
EDUCATION DEPARTMENT**

THIS IS TO CERTIFY THAT HAVING MET THE REQUIREMENTS OF SECTION 7210 OF THE
EDUCATION LAW AND IN ACCORDANCE THEREWITH THIS CERTIFICATE OF AUTHORIZATION
IS GRANTED WHICH ENTITLES

**C & S ENGINEERS INC
499 COL EILEEN COLLINS BLVD
SYRACUSE, NY 13212-0000**

TO PROVIDE PROFESSIONAL ENGINEERING SERVICES IN THE STATE OF NEW YORK FOR
THE PERIOD 01/01/2018 TO 12/31/2020.



Maryellen Elia
MARYELLEN ELIA
COMMISSIONER OF EDUCATION

CERTIFICATE NUMBER
0014865

SECTION IV: SCHEDULE "A" CONSULTANT'S RESPONSE

OFFERER/BIDDER/PROPOSER'S AFFIRMATION OF UNDERSTANDING OF AND AGREEMENT PURSUANT TO STATE FINANCE LAW §139-j(3) and §139-j(6)(b)

Contract No.: S-945

Contract Name: Passenger Boarding Bridge Improvement Professional Engineering Services

Pursuant to State Finance Law §§139-j and 139-k (attached), this Solicitation/Invitation for Bid/Request for Proposal includes and imposes certain restrictions on communications between the Authority and an offerer/bidder during the procurement process. An offerer/bidder/proposer is restricted from making contacts from the earliest notice of intent to solicit offers through final award and approval of the contract by the Authority ("restricted period") to other than designated staff unless it is a contact that is included among certain statutory exceptions set forth in State Finance Law §139-j(3)(a). Designated staff, as of the date hereof, is identified in the Solicitation/Invitation for Bid/Request for Proposal for the contract referenced above. Authority employees are also required to obtain certain information when contacted during the restricted period and make a determination of the responsibility of the offerer/bidder/proposer pursuant to these two statutes. Certain findings of non-responsibility can result in rejection for contract award and in the event of two findings within a 4 year period, the offerer/bidder/proposer is debarred from obtaining governmental procurement contracts. Further information about these requirements can be found by examining the New York State Procurement Lobbying Law.

Offerer affirms that it understands and agrees to comply with the procedures of the Authority relative to permissible Contacts as required by State Finance Law §139-j (3) and §139-j (6) (b).

Signature: _____

Date: December 19, 2019

Name: John D. Trimble

Title: President and CEO

Contractor Name: C&S Engineers, Inc.

Contractor Address: 41 State Street, Suite 600, Albany, NY 12207

QUALIFICATION ACKNOWLEDGMENT FORM

The proposers acknowledge that he/she has carefully examined the RFQ, the attached Agreement draft and the proposed location/s for his proposed operation/s.

The proposer warrants that if qualifications are accepted, he will contract with the Albany County Albany Authority the form of a Agreement substantially in the form attached and comply with the requirements of the RFQ and the executed Agreement. Proposer agrees to deliver an executed Agreement to the Albany County Airport Authority within fourteen (14) calendar days of receiving the tendered Agreement from the Authority.

I, the undersigned, guarantee our qualifications meet or exceed specifications contained in the RFQ document. Any exceptions are described in detail and all requested information has been submitted as requested.

I affirm that I have read and understand all the provisions and conditions as set forth in this RFQ. Our firm will comply with all provisions and conditions as specified, unless specifically noted as an exception with our Qualifications.

I also affirm that I am duly authorized to execute the Agreement contemplated herein; that this company, corporation, firm, partnership, or individual has not prepared these Qualifications in collusion with any other proposer.

Name of Proposer: C&S Engineers, Inc.

Signature of Authorized Person: 

Title: President and CEO

Business Address of Proposer: 41 State Street, Suite 600, Albany, NY 12207

Business Phone Number: (518) 915-7349

Date: December 19, 2019

Subscribed and sworn to before me this 19th day of December, 2019.


Notary Public

MICHELLE A. STERIA
Notary Public, State of New York
Qualified in Onondaga County
Commission Expires Nov. 22, 2021

NON-COLLUSION AFFIDAVIT

Authorized officer: Proposer's qualifications containing statements, letters, etc., shall be signed in the qualifications by a duly authorized officer of the company whose signature is binding on the qualifications.

The undersigned offers and agrees to furnish all of the items/services upon which qualifications are stated in the accompanying proposal. The period of acceptance of this proposal will be _____ calendar days from the date of the acknowledgment. (Period of acceptance will be ninety (90) calendar days unless otherwise indicated by proponent).

STATE OF New York COUNTY OF Onondaga

BEFORE ME, the undersigned authority, a Notary Public in and for the State of New York on this day personally appeared John D. Trimble who after being by me duly sworn did depose and say: I, John D. Trimble am a duly authorized officer of/agent for and have been duly authorized to execute the foregoing on behalf of the said C&S Engineers, Inc.

I hereby certify that the foregoing offer has not been prepared in collusion with any other proponent or other person or persons engaged in the same line of business prior to the official opening of this proposal. Further, I certify that the proponent is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the type of services/commodities offered, or to influence any person or persons to offer or not to offer thereon.

By submission of these qualifications, each proponent and each person signing on behalf of any proponent certifies and in the case of a joint proposal each party thereto certifies as to its own organization, under penalty of perjury that to the best of his knowledge and belief:

- A. The prices in this proposal have been arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition as to any matter relating to such prices with any other proponent or with any competitor;
- B. Unless otherwise required by law, the prices which have been quoted in this qualification have not been knowingly disclosed by the proponent and will not knowingly be disclosed by the proponent prior to the opening, directly or indirectly to any other proponent or to any competitor; and,
- C. No attempt has been made or will be made by the proponent to induce any other person, partnership or corporation to submit or not to submit qualifications for the purpose of restricting competition.

Name and Address of Proponent: C&S Engineers, Inc.
41 State Street, Suite 600, Albany, NY 12207

Telephone and Fax Numbers: p: (518) 915-7349; f: (315) 455-9667

By:  Name & Title John D. Trimble, President and CEO
Signature

SUBSCRIBED AND SWORN to before me by the above-named on this 19th day of December 2019.


Notary Public in and for the State of New York

MICHELLE A. STERIA
Notary Public, State of New York
Qualified in Onondaga County
Commission Expires Nov. 22, 2021

INSURANCE REQUIREMENT AFFIDAVIT

To be completed by appropriate insurance agent:

I, the undersigned agent, certify that the insurance requirements contained in this qualifications document have been reviewed by me with the below identified offerer. If the below identified offerer is awarded this contract by Albany County Airport Authority, I will be able, within ten (10) days after offerer is notified of such award, to furnish a valid insurance certificate to the Airport meeting all of the requirements contained in this contract.

Agent: *Asnley Franczak* *Asnley Franczak*
Signature Agent

Name of Insurance Carriers: Travelers Insurance Company, Merchants Mutual

Address of Agency: 300 S. State Street, 10th Floor
Syracuse, NY 13202

Phone Number Where Agent May Be Contacted: 315-800-1796

Offerer's Name (Print or Type) C&S Engineers, Inc.

SUBSCRIBED AND SWORN to before me by the above named on this

19th day of December, 200⁹.

Corinne E. Yousey
Notary Public in and for
State of New York

CORINNE E. YOUSEY
notary Public, State of New York
No: 01YO6149825
Qualified In Onondaga County
Commission Expires July 17, 2022

INSURANCE REQUIREMENT AFFIDAVIT

To be completed by appropriate insurance agent:

I, the undersigned agent, certify that the insurance requirements contained in this qualifications document have been reviewed by me with the below identified offerer. If the below identified offerer is awarded this contract by Albany County Airport Authority, I will be able, within ten (10) days after offerer is notified of such award, to furnish a valid insurance certificate to the Airport meeting all of the requirements contained in this contract.

Agent:  Cooper Smith/ Greyling Insurance Brokerage
Signature Agent

Name of Insurance Carriers: Berkley Assurance Company (Professional Liability)

Address of Agency: 3780 Mansell Rd Ste 370
Alpharetta, GA 30022

Phone Number Where Agent May Be Contacted: 770-552-4225

Offerer's Name (Print or Type) Greyling Insurance Brokerage

SUBSCRIBED AND SWORN to before me by the above named on this

19 day of December, 2019.




Notary Public in and for
State of Georgia

CORPORATION STATEMENT

IF A CORPORATION, answer the following:

1. When incorporated?

4/23/1929

2. Where incorporated?

New York

3. Is the corporation authorized to do business in New York?

Yes No

If New York is not state of incorporation:

- A. Address of the registered office in New York:

- B. Name of registered agent in New York at such office:

- C. Attach Certificate of Authority to transact business in New York.

4. The Corporation is held: Publicly Privately

5. Furnish the name, title, and address of each officer, director, and shareholders of the corporation's issued stock:

Officer's Name	Address	Position	%
See attached list.			

Director's Name	Address	Principal Business Affiliation Other Than Proposer's Directorship
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See attached list.

Principal Shareholders	Address	Percentage Ownership
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C&S Engineers, Inc. is a wholly owned subsidiary of C&S Worldwide Holdings, Inc.
(same address) which owns 100% of all shares.

5. Furnish the name, title, and address of each officer, director, and shareholders of the corporation's issued stock:

Officer's Name	Address	Position	% Ownership
John D. Trimble	499 Col. Eileen Collins Blvd., Syracuse NY 13212	President/Chief Executive Officer	0
Jeffrey D. Palin	499 Col. Eileen Collins Blvd., Syracuse NY 13212	VP/Secretary	0
Maureen K. Clegg	499 Col. Eileen Collins Blvd., Syracuse NY 13212	VP	0
Michael D. Hotaling	2355 Northside Dr., Ste. 350, San Diego CA 92108	Senior VP	0
John F. Spina	499 Col. Eileen Collins Blvd., Syracuse NY 13212	Senior VP	0
Matthew J. Wenham	17401 Lorain Ave., Ste. 100, Cleveland OH 44111	Vice President	0
John T. Camp	499 Col. Eileen Collins Blvd., Syracuse NY 13212	Treasurer	0
Brian W. Clark	605 E. Robinson St., Ste. 210, Orlando FL 32801	Asst. VP	0
Jessica L. Bryan	8950 Cal Center Drive, Ste. 112, Sacramento CA 95826	Asst. VP	0
Brian C. Saull	2355 Northside Dr., Ste. 350, San Diego CA 92108	Asst. VP	0
Robert J. Koller	38777 Six Mile R., Ste. 202, Livonia MI 48152	Asst. Secretary	0
Jennifer T. Smith	499 Col. Eileen Collins Blvd., Syracuse NY 13212	Asst. Secretary	0
Randy P. Tuthill	499 Col. Eileen Collins Blvd., Syracuse NY 13212	Asst. Treasurer	0

Director's Name	Address	Principal Business Affiliation Other than Proposer's Directorship
John T. Camp	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
Maureen K. Clegg	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
Marc C. Champigny	41 State St., Ste. 600, Albany NY 12207	None
Michael D. Hotaling	2355 Northside Dr., Ste. 350, San Diego CA 92108	None
James F. Morrissey	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
Joseph D. Nadzan	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
Jeffrey D. Palin	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
John D. Trimble	499 Col. Eileen Collins Blvd., Syracuse NY 13212	None
Matthew J. Wenham	17401 Lorain Ave., Ste. 100, Cleveland OH 44111	None

ALL PROPOSALS - FINANCIAL INFORMATION

A. Financial Statements

Proponents shall attached a Balance Sheet and Income Statement prepared in accordance with Generally Accepted Accounting Principles (GAAP) for the most current year-to-date period, together with a copy of the Proponent's most recent fiscal year Financial Statements, audited by a Certified Public Accountant or firm of Certified Public Accountants, including the auditor's opinion thereon.

B. Surety Information

1. Have you, or any entity you have had an ownership interest in, ever had a bond or surety canceled or forfeited? Yes () No (✓)

2. If Yes, state the name of the bonding company, date, amount of the bond and the reason for such cancellation or forfeiture

C. Bankruptcy Information

1. Have you, or any entity you have had an ownership interest in, ever filed a petition for bankruptcy, or been declared bankrupt? Yes () No (✓)

2. If Yes, state the name of the entity, date, amount of the filed or declared bankruptcy

D. County of Albany and any Affiliated Entity

1. Have you ever entered into an agreement with the County of Albany or any affiliated entity? Yes (✓) No ()

2. If Yes, identify the agreement(s), its purpose, and its term. 7 contracts for the Albany County Airport Authority (passenger boarding bridges, runway lighting, & various terminal projects)

3. Have you ever been sent a default notice concerning any such agreement(s)? Yes () No (✓) If Yes, please explain

WORK FORCE COMPOSITION

C&S Engineers, Inc.

(518) 915-7349

Name of Firm			Phone Number	
41 State Street, Suite 600	Albany	NY	12207	
Address	City	State	Zip Code	

John D. Trimble, President and CEO

Name & Title of Authorized Executive

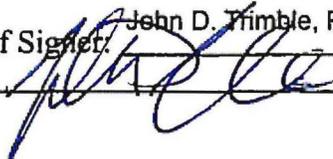
Full Time Employees	Total # of Employees	White	American Indian	Black	Hispanic	Other (*)	Asian
		M/F	M/F	M/F	M/F	M/F	M/F
	Male / Female						
Admin & Manager	46	41/4	0/0	0/0	0/0	0/0	1/0
Professional	222	166/35	0/0	3/2	7/2	0/2	5/0
Technical	41	30/7	0/0	0/2	1/0	0/0	0/1
Sales Workers	1	0/1	0/0	0/0	0/0	0/0	0/0
Office Workers	16	3/12	0/0	0/1	0/0	0/0	0/0
Semiskilled Workers	-	-	-	-	-	-	-
Unskilled Workers	-	-	-	-	-	-	-
Apprentices	-	-	-	-	-	-	-
Seasonal Temporary	-	-	-	-	-	-	-
Part Time	-	-	-	-	-	-	-
TOTAL	326	240/59	0/0	3/5	8/2	0/2	6/1

***Use Additional Sheets To Identify The Ethnicity Of Employees Identified In This Category.**

Remarks: 2 or more races

CONSULTANT' CERTIFICATION

The above information is true and complete to the best of my knowledge and belief. I further understand and agree that if awarded the contract, this certification shall be attached thereto and become a part thereof.

Name & Title of Signer: John D. Trimble, President and CEO
 Signature:  Date: December 19, 2019



Appendix

C Financial Statements

Copies of C&S's three most recent past year's financial statements can be found on the following pages.

C&S ENGINEERS, INC.

FINANCIAL STATEMENTS

December 31, 2018 and 2017

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Dermody, Burke & Brown, CPAs, LLC

INDEPENDENT ACCOUNTANTS' REVIEW REPORT

TO THE BOARD OF DIRECTORS OF C&S ENGINEERS, INC.

We have reviewed the accompanying financial statements of **C&S ENGINEERS, INC.** (a Corporation), which comprise the balance sheets as of December 31, 2018 and 2017, and the related statements of income and retained earnings and cash flows for the years then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Company management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement whether due to fraud or error.

Accountants' Responsibility

Our responsibility is to conduct the review engagements in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

Accountants' Conclusion

Based on our reviews, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

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1120 Corporate Drive • Auburn, NY 13021-1634 • (315) 253-6273 • Fax (315) 253-0890
4350 Middle Settlement Road • New Hartford, NY 13413-5328 • (315) 732-2991 • Fax (315) 732-0282

<http://www.dbbllc.com>

Emphasis of Matter

As described in Note 2, as of January 1, 2018, the shareholders of the Company's parent, C&S Worldwide Holdings, Inc., voted to revoke their Subchapter S status with the Internal Revenue Service and various states. The Company will be taxed as a corporation for the year ended December 31, 2018 and all subsequent years. Our conclusion is not modified with respect to this matter.

Supplementary Information

The accompanying supplementary information on pages 23 to 24 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The supplementary information has been subjected to the review procedures applied to our review of the basic financial statements. We are not aware of any material modifications that should be made to the supplementary information. We have not audited the supplementary information and do not express an opinion on such information.

DERMODY, BURKE & BROWN

DERMODY, BURKE & BROWN, CPAs, LLC

Syracuse, NY

March 25, 2019

REVIEWED FINANCIAL STATEMENTS

BALANCE SHEETS

December 31, 2018 and 2017

	2018	2017
ASSETS		
CURRENT ASSETS		
Cash	\$ 140,972	\$ 41,077
Accounts Receivable, Net of Allowance for Doubtful Accounts of \$650,000 and \$500,000 in 2018 and 2017, Respectively	22,089,635	19,212,563
Accounts Receivable - Other	0	5,644
Prepaid Expenses	586,590	619,895
Due from Related Parties	<u>5,797,257</u>	<u>4,235,675</u>
Total Current Assets	28,614,454	24,114,854
PROPERTY AND EQUIPMENT		
Furniture, Fixtures and Equipment	6,973,798	6,931,810
Leasehold Improvements	1,843,754	1,862,366
Computer Equipment	5,518,149	4,998,315
Vehicles	<u>312,255</u>	<u>216,229</u>
	14,647,956	14,008,720
Less: Accumulated Depreciation and Amortization	<u>12,333,260</u>	<u>11,619,882</u>
Net Property and Equipment	<u>2,314,696</u>	<u>2,388,838</u>
OTHER ASSETS		
Investments	227	27
Security Deposits	<u>167,439</u>	<u>50,168</u>
Total Other Assets	<u>167,666</u>	<u>50,195</u>
TOTAL ASSETS	<u><u>\$ 31,096,816</u></u>	<u><u>\$ 26,553,887</u></u>

LIABILITIES AND STOCKHOLDERS' EQUITY

	2018	2017
CURRENT LIABILITIES		
Note Payable - Demand	\$ 8,500,000	\$ 7,500,000
Notes Payable, Current Portion	0	400,000
Accounts Payable	5,082,655	2,476,051
Deferred Revenue	897,017	1,929,362
Accrued Liabilities	2,501,108	2,327,843
Due to Related Parties	<u>1,625,143</u>	<u>1,186,963</u>
Total Current Liabilities	18,605,923	15,820,219
LONG-TERM LIABILITIES		
Deferred Tax Liability	<u>3,389,495</u>	<u>0</u>
Total Liabilities	21,995,418	15,820,219
STOCKHOLDERS' EQUITY		
Common Stock, \$.01 Par Value; 200,000 Shares Authorized; 99,960 Issued and 80,404 Outstanding	1,000	1,000
Additional Paid-In Capital	575,004	575,004
Retained Earnings	<u>8,598,929</u>	<u>10,231,199</u>
	9,174,933	10,807,203
Less: Treasury Stock	<u>73,535</u>	<u>73,535</u>
Total Stockholders' Equity	<u>9,101,398</u>	<u>10,733,668</u>
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	<u><u>\$ 31,096,816</u></u>	<u><u>\$ 26,553,887</u></u>

See notes to financial statements and accountants' report.

STATEMENTS OF INCOME AND RETAINED EARNINGS

Years Ended December 31, 2018 and 2017

	2018	2017
CONTRACT REVENUE	\$ 77,110,147	\$ 68,607,791
DIRECT OPERATING COSTS	<u>38,416,069</u>	<u>34,988,311</u>
GROSS PROFIT	38,694,078	33,619,480
GENERAL AND ADMINISTRATIVE EXPENSES	<u>35,069,233</u>	<u>31,552,510</u>
INCOME FROM OPERATIONS	3,624,845	2,066,970
OTHER INCOME (EXPENSE)		
Rental Income	65,000	65,000
Interest Income	0	193
Gain (Loss) from Partnership Interest	200	(3,293)
Miscellaneous Income	600	588
Loss on Sale of Fixed Assets	(18,050)	0
Goodwill Impairment	0	(200,000)
Interest Expense	<u>(345,392)</u>	<u>(195,565)</u>
Net Other Expense	<u>(297,642)</u>	<u>(333,077)</u>
NET INCOME BEFORE PROVISION FOR TAXES	3,327,203	1,733,893
PROVISION FOR INCOME TAXES	<u>(1,059,244)</u>	<u>(6,719)</u>
NET INCOME	2,267,959	1,727,174
DISTRIBUTIONS	0	(2,000,000)
RETAINED EARNINGS		
Beginning of Year	10,231,199	10,504,025
Provision for Income Taxes - Change in Tax Status	<u>(3,900,229)</u>	<u>0</u>
End of Year	<u>\$ 8,598,929</u>	<u>\$ 10,231,199</u>

See notes to financial statements and accountants' report.

STATEMENTS OF CASH FLOWS

Years Ended December 31, 2018 and 2017

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Income	\$ 2,267,959	\$ 1,727,174
Adjustments to Reconcile Net Income to Net Cash		
Provided By (Used In) Operating Activities:		
Depreciation and Amortization Expense	713,939	629,735
Bad Debt Expense	386,219	0
Impairment of Goodwill	0	200,000
Loss on Sale of Assets	18,050	0
Deferred Income Taxes	(510,734)	0
(Increase) Decrease in Assets:		
Accounts Receivable	(3,263,291)	125,360
Accounts Receivable - Other	5,644	(2,688)
Prepaid Expenses	33,305	(79,182)
Due from Related Parties	(1,561,582)	(3,424,190)
Security Deposits	(117,271)	(3,080)
Increase (Decrease) in Liabilities:		
Accounts Payable	2,606,604	(832,299)
Deferred Revenue	(1,032,345)	(95,989)
Accrued Liabilities	173,235	667,158
Due to Related Parties	438,180	1,043,087
	<u>157,912</u>	<u>(44,914)</u>
Net Cash Provided By (Used In) Operating Activities		
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of Property and Equipment	(657,817)	(743,741)
(Increase) Decrease in Investments	(200)	59,854
	<u>(658,017)</u>	<u>(683,887)</u>
Net Cash Used In Investing Activities		
CASH FLOWS FROM FINANCING ACTIVITIES		
Net Borrowings on Notes Payable - Demand	1,000,000	2,500,000
Principal Payments on Notes Payable	(400,000)	(400,000)
Distributions	0	(2,000,000)
	<u>600,000</u>	<u>100,000</u>
Net Cash Provided By Financing Activities		
Net Change in Cash	99,895	(628,801)
Cash, Beginning of Year	41,077	669,878
	<u>\$ 140,972</u>	<u>\$ 41,077</u>
Cash, End of Year		

See notes to financial statements and accountants' report.

C&S ENGINEERS, INC.

FINANCIAL STATEMENTS
December 31, 2017 and 2016

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Dermody, Burke & Brown, CPAs, LLC

INDEPENDENT ACCOUNTANTS' REVIEW REPORT

TO THE BOARD OF DIRECTORS OF C&S ENGINEERS, INC.

We have reviewed the accompanying financial statements of **C&S ENGINEERS, INC.** (a wholly-owned qualified subchapter S subsidiary of C&S Worldwide Holdings, Inc.), which comprise the balance sheets as of December 31, 2017 and 2016, and the related statements of income and retained earnings and cash flows for the years then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Company management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement whether due to fraud or error.

Accountants' Responsibility

Our responsibility is to conduct the review engagements in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

Accountants' Conclusion

Based on our reviews, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

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Supplementary Information

The accompanying supplementary information on pages 24 to 25 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The supplementary information has been subjected to the review procedures applied to our review of the basic financial statements. We are not aware of any material modifications that should be made to the supplementary information. We have not audited the supplementary information and do not express an opinion on such information.

Dermody, Burke & Brown

DERMODY, BURKE & BROWN, CPAs, LLC

Syracuse, NY

April 6, 2018

REVIEWED FINANCIAL STATEMENTS**BALANCE SHEETS**

December 31, 2017 and 2016

ASSETS

	2017	2016
CURRENT ASSETS		
Cash	\$ 41,077	\$ 669,878
Accounts Receivable, Net of Allowance for Doubtful Accounts of \$500,000 in 2017 and 2016	19,212,563	19,337,923
Accounts Receivable - Other	5,644	2,956
Prepaid Expenses	619,895	540,713
Due from Related Parties	4,235,675	811,485
	<u>24,114,854</u>	<u>21,362,955</u>
Total Current Assets	24,114,854	21,362,955
PROPERTY AND EQUIPMENT		
Furniture, Fixtures and Equipment	6,931,810	6,918,647
Leasehold Improvements	1,862,366	1,850,830
Computer Equipment	4,998,315	4,357,438
Vehicles	216,229	145,135
	<u>14,008,720</u>	<u>13,272,050</u>
Less: Accumulated Depreciation and Amortization	11,619,882	10,997,218
	<u>2,388,838</u>	<u>2,274,832</u>
Net Property and Equipment	2,388,838	2,274,832
OTHER ASSETS		
Investments	27	59,881
Security Deposits	50,168	47,088
Goodwill	0	200,000
	<u>50,195</u>	<u>306,969</u>
Total Other Assets	50,195	306,969
TOTAL ASSETS	<u>\$ 26,553,887</u>	<u>\$ 23,944,756</u>

LIABILITIES AND STOCKHOLDERS' EQUITY

	2017	2016
CURRENT LIABILITIES		
Note Payable - Demand	\$ 7,500,000	\$ 5,000,000
Notes Payable, Current Portion	400,000	400,000
Accounts Payable	2,476,051	3,308,350
Deferred Revenue	1,929,362	2,025,351
Accrued Liabilities	2,327,843	1,660,685
Due to Related Parties	1,186,963	143,876
	<u>15,820,219</u>	<u>12,538,262</u>
Total Current Liabilities	15,820,219	12,538,262
LONG-TERM DEBT, NET OF CURRENT PORTION	<u>0</u>	<u>400,000</u>
Total Liabilities	15,820,219	12,938,262
STOCKHOLDERS' EQUITY		
Common Stock, \$.01 Par Value; 200,000 Shares		
Authorized; 99,960 Issued and 80,404 Outstanding	1,000	1,000
Additional Paid-In Capital	575,004	575,004
Retained Earnings	10,231,199	10,504,025
	<u>10,807,203</u>	<u>11,080,029</u>
Less: Treasury Stock	73,535	73,535
	<u>10,733,668</u>	<u>11,006,494</u>
Total Stockholders' Equity	10,733,668	11,006,494
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	<u>\$ 26,553,887</u>	<u>\$ 23,944,756</u>

See notes to financial statements and accountants' report.

STATEMENTS OF INCOME AND RETAINED EARNINGS

Years Ended December 31, 2017 and 2016

	2017	2016
CONTRACT REVENUE	\$ 68,607,791	\$ 62,305,510
DIRECT OPERATING COSTS	<u>34,988,311</u>	<u>31,688,548</u>
GROSS PROFIT	33,619,480	30,616,962
GENERAL AND ADMINISTRATIVE EXPENSES	<u>31,552,510</u>	<u>28,660,565</u>
INCOME FROM OPERATIONS	2,066,970	1,956,397
OTHER INCOME (EXPENSE)		
Rental Income	65,000	65,000
Interest Income	193	12
Loss from Partnership Interest	(3,293)	(348)
Miscellaneous Income	588	10,784
Goodwill Impairment	(200,000)	0
Interest Expense	<u>(195,565)</u>	<u>(182,575)</u>
Net Other Income (Expense)	<u>(333,077)</u>	<u>(107,127)</u>
Income Before Provision for State Income Taxes	1,733,893	1,849,270
PROVISION FOR STATE INCOME TAXES	<u>6,719</u>	<u>12,529</u>
NET INCOME	1,727,174	1,836,741
DISTRIBUTIONS	(2,000,000)	(974,328)
RETAINED EARNINGS		
Beginning of Year	<u>10,504,025</u>	<u>9,641,612</u>
End of Year	<u>\$ 10,231,199</u>	<u>\$ 10,504,025</u>

See notes to financial statements and accountants' report.

STATEMENTS OF CASH FLOWS
 Years Ended December 31, 2017 and 2016

	2017	2016
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Income	\$ 1,727,174	\$ 1,836,741
Adjustments to Reconcile Net Income to Net Cash		
Provided By (Used In) Operating Activities:		
Depreciation and Amortization Expense	629,735	561,825
Impairment of Goodwill	200,000	0
(Increase) Decrease in Assets:		
Accounts Receivable, Net of Allowance for		
Doubtful Accounts	125,360	(3,816,260)
Accounts Receivable - Other	(2,688)	4,113
Prepaid Expenses	(79,182)	163,644
Due from Related Parties	(3,424,190)	(45,969)
Security Deposits	(3,080)	(10,404)
Increase (Decrease) in Liabilities:		
Accounts Payable	(832,299)	1,679,710
Deferred Revenue	(95,989)	(255,259)
Accrued Liabilities	667,158	693,884
Due to Related Parties	1,043,087	135,876
	<u>1,043,087</u>	<u>135,876</u>
Net Cash Provided By (Used In) Operating Activities	(44,914)	947,901
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of Property and Equipment	(743,741)	(809,129)
Decrease in Investments	59,854	5,836
	<u>59,854</u>	<u>5,836</u>
Net Cash Used In Investing Activities	(683,887)	(803,293)
CASH FLOWS FROM FINANCING ACTIVITIES		
Net Borrowings on Notes Payable - Demand	2,500,000	1,000,000
Principal Payments on Notes Payable	(400,000)	(666,667)
Distributions	(2,000,000)	(974,328)
	<u>(2,000,000)</u>	<u>(974,328)</u>
Net Cash Provided By (Used In) Financing Activities	100,000	(640,995)
Net Decrease in Cash	(628,801)	(496,387)
Cash, Beginning of Year	669,878	1,166,265
	<u>669,878</u>	<u>1,166,265</u>
Cash, End of Year	<u>\$ 41,077</u>	<u>\$ 669,878</u>

See notes to financial statements and accountants' report.

AGENDA ITEM NO. 1.2

2

**Change Order #~~1~~². Authorization to award
Change Order #2 to Contract # 990-PARCS New
Parking Access Revenue Control System to
Amano McGann, Inc.**

AGENDA ITEM NO: 1.2
MEETING DATE: January 9, 2020

ALBANY COUNTY AIRPORT AUTHORITY
REQUEST FOR AUTHORIZATION

DEPARTMENT: Engineering

ACAA Approved
01/09/2020

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

PURPOSE OF REQUEST:

Change Order #~~X~~:2 *Authorization to award Change Order #2 to Contract # 990-PARCS New Parking Access Revenue Control System to Amano McGann, Inc.*

CONTRACT AMOUNT:

Base Amount:	\$3,029,600.66
Change Order #1:	\$ 38,433.06
Change Order #2:	\$ <u>103,670.11*</u>
Total:	<u>\$3,171,673.83</u>

**Pending approval at this meeting.*

BUDGET INFORMATION:

Federal Airport Improvement Program
Anticipated in Current ALB Capital Plan : Yes ✓ No ___ NA
Funding Account No.: CPN 2290

FISCAL IMPACT – FUNDING

Federal N/A State 37% Airport 63% NA _____
Term of Funding: 2018-2020
Grant No.: N/A State PIN: 1A00.97

JUSTIFICATION:

Request for authorization of Change Order #2 for Contract 990-PARCS for New Parking Access Revenue Control System, to Amano McGann, Inc. of Roseville, Mn. in the amount of \$103,670.11 to address purchase of 3 Ea. Pay Stations. The additional Pay Stations were needed to ensure that the new PARCS system was accessible to Airport patrons at all access points. The additional Pay Stations are being installed at key access points including in the existing Parking garage at the end of the Pedestrian bridge (on both ground level and the second floor and a second one in the baggage claim area.

CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:

Recommend approval.

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

AGENDA ITEM NO: 1.2
MEETING DATE: January 9, 2020

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 complied by Amano McGann, Inc.

**Amano McGann
Change Order Form**

Version December 6, 2019

Change Order ID#	Project ID	Project Name	Preparer Signature and Date
ALB12042019	007-402TP007	Albany Airport PARCS	12/04/2019 
Requestor Name: John LaClair Date: 12/4/2019 Request Reference Document:		Contract change requested by: <input type="checkbox"/> Amano McGann <input checked="" type="checkbox"/> Albany Airport <input type="checkbox"/> Architect/Engineer <input type="checkbox"/> Construction Manager <input type="checkbox"/> Code Enforcement Official <input type="checkbox"/> Other:	
Change order description: Supply and install 3 additional pay stations.		Reason(s) for change order: Requested by customer Supporting documentation provided:	
Time Extension Required: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Number of Days*: _____ Reason: Supporting documentation attached:		Cost Change Required: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Amount*: \$103,670.11 Reason: Revised wayfinding sign mounting brackets Supporting documentation attached:	
Customer Approval: Name/Date _____		Amano McGann Approval: Name/Date _____	



Amano McGann, Inc.
2699 Patton Road,
Roseville, MN 55113
Phone: (470) 217-1124
www.amanomcgann.com

December 4, 2019

John LaClair
Airport Engineer
Albany County Airport Authority

Subject: PARCS Additional Pay Stations

Dear Mr. LaClair,

Amano McGann is submitting a change request to provide three (3) additional pay stations:

Pay on Foot Terminal - CC and Bank Notes = $\$31,951.56 \times 3 = \$95,854.68$

Commend IP Intercom Module = $\$579.31 \times 3 = \$1,737.93$

Spare Bank Note Vault = $\$537.50$

Installation & Programming by ATI = $\$5,540.00$

Total = \$103,670.11

The above pricing is based on established unit pricing from our project cost proposal, with the exception of the spare bank note vault. The spare bank note vault is supplied from the Amano McGann factory and contains profit and overhead above our cost that is comparable to other unit pricing from the project cost proposal. Please let me know if you have any questions or concerns regarding this submission. You may reach me at (312) 399-5174.

Sincerely,

Matt Librizzi
Regional Project Manager - Northeast
Amano McGann Inc.

AGENDA ITEM NO. 1.3

**Purchase Order: Rifenburg Contracting to
Cap the Depressurization Well for the
New Parking Garage.**

AGENDA ITEM NO: 1.3
MEETING DATE: January 9, 2020

ALBANY COUNTY AIRPORT AUTHORITY
REQUEST FOR AUTHORIZATION

ACAA Approved
01/09/2020

DEPARTMENT:

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

PURPOSE OF REQUEST:

Purchase Order: Rifenburg Contracting to Cap the Depressurization Well for the New Parking Garage.

CONTRACT AMOUNT:

Total Contract Amount: \$55,000.00

BUDGET INFORMATION:

Federal Airport Improvement Program
Anticipated in Current ALB Capital Plan : Yes J No NA
Funding Account No.: CPN 2272

FISCAL IMPACT – FUNDING

Federal 2.2% State 37.9% Airport 59.5% NA _____
Term of Funding: 2018-2019
Grant No. : N/A State PIN: N/A

JUSTIFICATION:

Request is made to approve a Purchase Order in the amount of \$55,000.00 to Rifenburg Contracting for the capping and repurposing of the depressurization well previously drilled by Hanson Well Drilling for the new Parking Garage Project #989-SF construction. Instead of capping and abandoning the well, the design engineers were asked to design a permanent water source that could be used by the Airport. Three quotes were obtained for this work and Rifenburg Contracting was the lowest quote and were also available to complete the work the quickest. The original contract well drilled by LeChase was capped by LeChase. This second well directed by the Authority staff is the subject of this change order.

CHIEF EXECUTIVE OFFICER'S RECOMMENDATION:

Recommend approval.

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

AGENDA ITEM NO: 1.3
MEETING DATE: January 9, 2020

PROCUREMENT DEPARTMENT APPROVAL:

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

BACK-UP MATERIAL:

Please refer to attached Rifenburg Contracting invoice.

RIFENBURG CONTRACTING CORP.
1175 HOOSICK ROAD
TROY, NY 12180
518 279-3967

Invoice ID: 11906MSC-01
Invoice Date: 12/14/2019
Draw ID: 1
Customer ID: RCCALBAIR

To:
ALBANY COUNTY AIRPORT AUTHORIT
ALBANY INTERNATIONAL AIRPORT
SUITE 200 ADMINISTRATION BLDG.
ALBANY, NY 12211-1057

Job Location:
AIRFIELD DRAINAGE CULVERT

ALBANY INTERNATIONAL AIRPORT
ALBANY, NY

Ship Via: None

<u>Item</u>	<u>Description</u>	<u>Ticket#/date</u>	<u>Units</u>	<u>Unit of Measure</u>	<u>Unit Price</u>	<u>Amount</u>
1	DEPRESSURIZATION WELL		1.00	LS	55,000.00	55,000.00

Amount Billed \$55,000.00
Total Tax

Retainage Held

Now accepting Visa and Mastercard.

DATE DUE: 01/13/2020

Amount Due \$55,000.00

A finance charge of 1.5% per month will be added to any amounts over 30 days past due.



INFORMATION BULLETIN No. 29

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB28-C-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 10-22-19

Description:

Depressurization well modifications.

Information:

Refer to attached drawings for details to convert depressurization well for use as a water supply hydrant:

- Excavating in the vicinity of the existing depressurization well;
- Cutting the 16", 12", and 10" outer casings;
- Installing a tee on the 7" inner casing, extending the casing above finished grade, and installing a well cap;
- Extending 6" ductile iron pipe to the adjacent stormwater manhole with 5' of soil cover;
- Installing two 6-inch MJ gate valves with post indicators, a 6" MJ tee, and a fire hydrant; and
- Surface restoration.

IB Status:

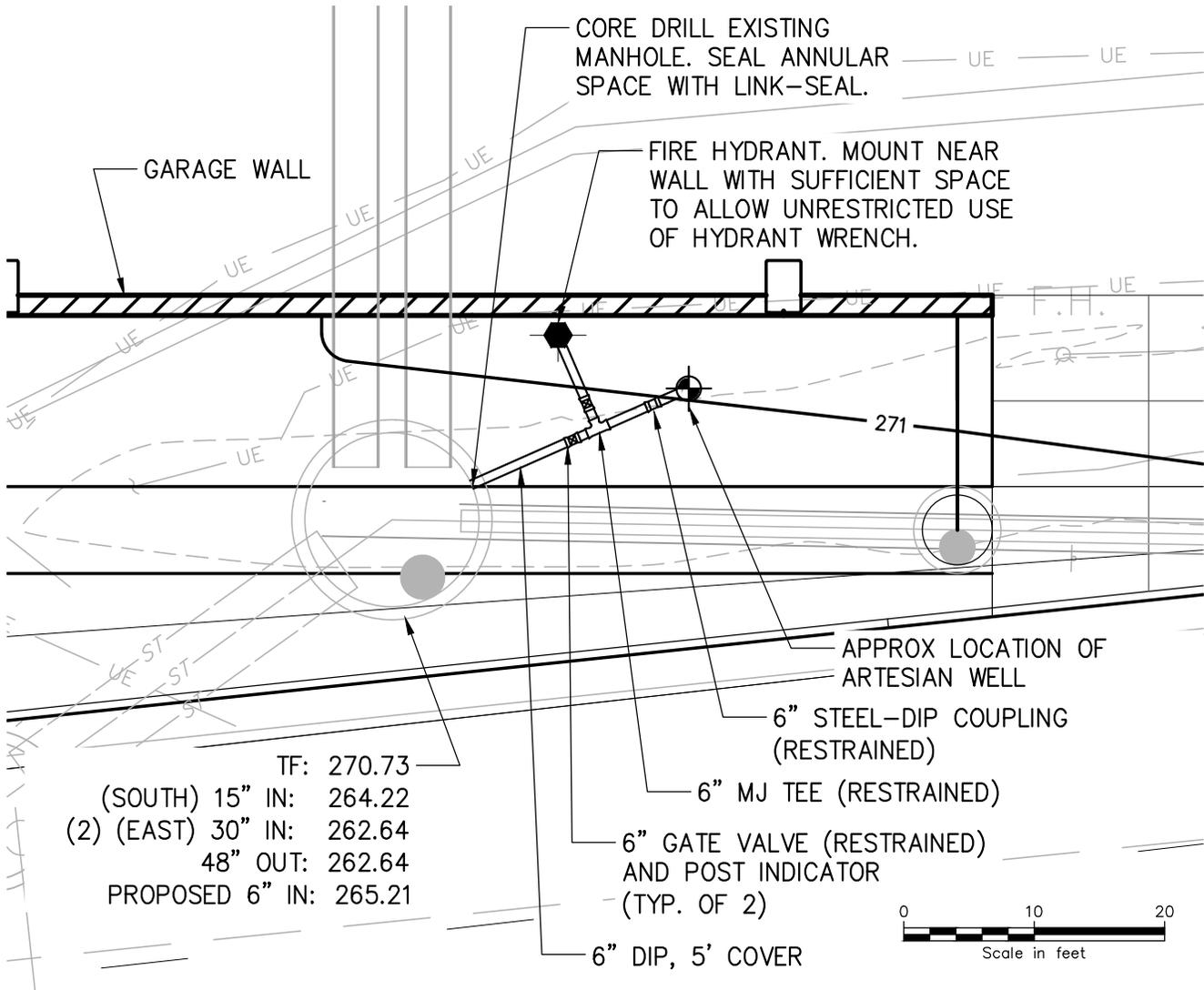
CLARIFICATION - This serves as a clarification to the Contract Documents. Contractor to proceed with this work. No Cost and/or Schedule Impact.

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

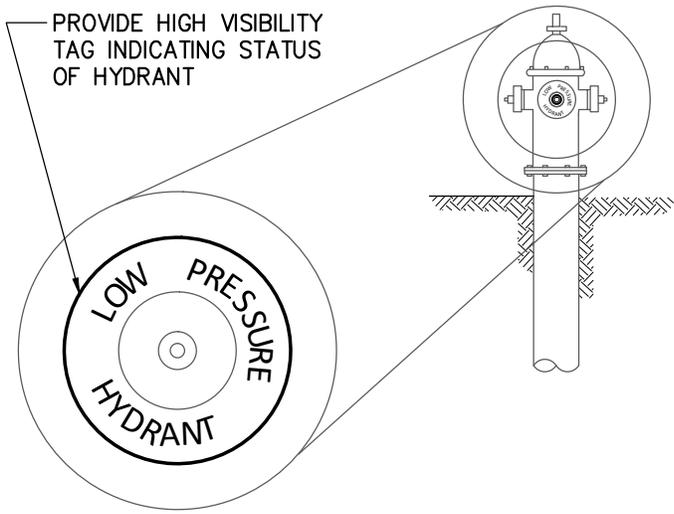
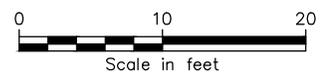
NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

Comments:

Generated By: Eric Hirschmann, CHA



TF: 270.73
 (SOUTH) 15" IN: 264.22
 (2) (EAST) 30" IN: 262.64
 48" OUT: 262.64
 PROPOSED 6" IN: 265.21



Drawing Copyright © 2019



111 Winners Circle, PO Box 5269
 Albany, NY 12205-0269
 518.453.4500 • www.chacompanies.com



ALBANY INTERNATIONAL AIRPORT PARKING GARAGE
 SITE REMOVALS AND UTILITIES RELOCATION

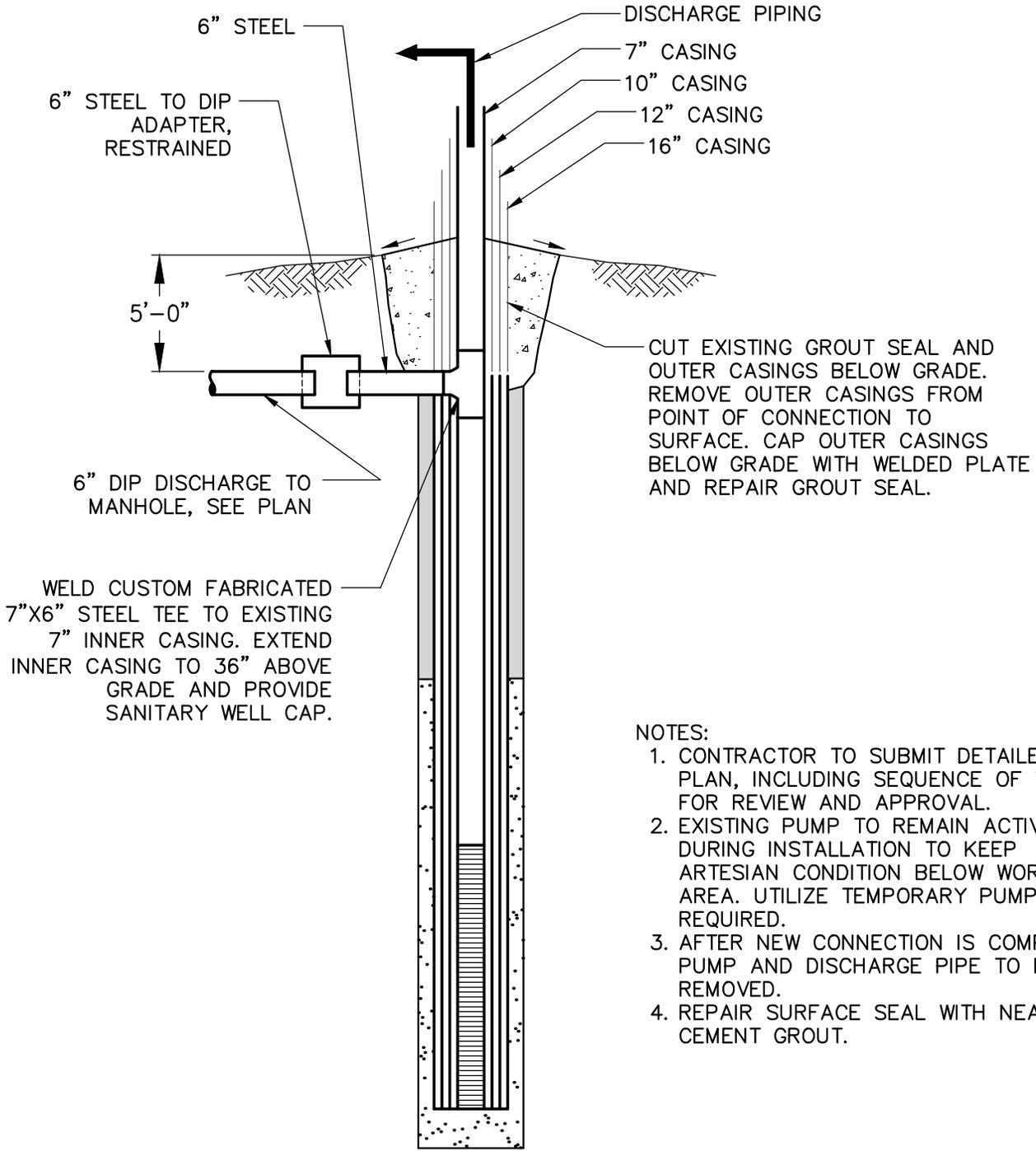
DRAWING NAME:

ARTESIAN WELL CONNECTION

PROJECT No.:
 35034

DATE.:
 10/24/2019

DRAWING No.:
IB29-C-01
 (ALTERS DRAWING C-310)



- NOTES:
1. CONTRACTOR TO SUBMIT DETAILED PLAN, INCLUDING SEQUENCE OF WORK, FOR REVIEW AND APPROVAL.
 2. EXISTING PUMP TO REMAIN ACTIVE DURING INSTALLATION TO KEEP ARTESIAN CONDITION BELOW WORK AREA. UTILIZE TEMPORARY PUMP AS REQUIRED.
 3. AFTER NEW CONNECTION IS COMPLETE, PUMP AND DISCHARGE PIPE TO BE REMOVED.
 4. REPAIR SURFACE SEAL WITH NEAT CEMENT GROUT.

File: V:\PROJECTS\ANY\K5\35034\CADD\CIVL\2019-10-22_PRODUCTION WELL DETAIL.DWG
 Saved: 10/22/2019 4:40:23 PM Plotted: 10/22/2019 4:40:57 PM Current User: Hirschmann, Eric LastSavedBy: 5468

<p>Drawing Copyright © 2019</p>  <p>III Winners Circle, PO Box 5269 Albany, NY 12205-0269 518.453.4500 • www.chacompanies.com</p>	<p style="text-align: center;">WELL DETAIL</p> <p style="text-align: center;">ALBANY INTERNATIONAL AIRPORT</p>	<p style="text-align: center;">PROJECT NO. 35034</p>
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AGENDA ITEM NO. 1.4

**Change Order #3: Authorization to award
Change Order #3 to Contract # 989-GCr New
Parking Garage General Construction to
LeChase Construction Services, LLC.**

AGENDA ITEM NO: 1.4
MEETING DATE: January 9, 2020

ALBANY COUNTY AIRPORT AUTHORITY
REQUEST FOR AUTHORIZATION

ACAA Approved
01/09/2020

DEPARTMENT:

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

PURPOSE OF REQUEST:

Change Order #3: *Authorization to award Change Order #3 to Contract # 989-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:	\$ <u>338,604.00*</u>
Total:	\$16,155,616.95

**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 2.2% State 37.9% Airport 59.9% 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-GCr for New Parking Garage Site and Foundations, to LeChase Construction Services LLC of Schenectady, N.Y. in the amount of \$338,604.00 for unforeseen conditions encountered by the contractor during construction. The additional work items that include ground floor slab joints and haunches, changes to masonry walls, sitework modifications around vehicular bridge, relocation of emergency generator, additional conduit for PARCS and wayfinding signs, revised site drainage for pedestrian bridge, foundations for monument signs, revenue entry island changes, galvanized bent plates, elevator revisions, additional smoke/ CO detectors, insulating underground drain pipes, additional steel for elevator shafts, revisions to pedestrian bridge framing, sawcut joints in pedestrian bridge foundation wall and downtime for steel fabricator for elevator modifications. As a percentage of construction change orders are less than 3% of the bid amount we do not anticipate any significant requests for change order at this juncture.

AGENDA ITEM NO: 1.4
MEETING DATE: January 9, 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 compiled by Creighton Manning Engineering and Turner Construction.

Change Order Request

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

Date: 9/26/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 13 - PCO #36

Description of Change: PCO #36-Bulletin 19 Changes-Changes at entry island

General scope items:

Added prep for longer island tails, model modifications, and layout modifications.
 Added Slip form for longer island tails, and infill concrete work
 Added conduit and rough in work for proper placement of LPR's, additional layout modifications

NO EXTENSION REQUIRED

Description	Scope of Work	Cost
Concrete		3,360.00
Concrete Reinforcing	2 Men, 1 shift, 16 hours @ \$84.49	1,352.00
Earthwork		3,757.00
Curbs		9,983.00
Concrete Bedding and Backing	17CY bedding and backing @ \$120/CY	2,040.00
Subtotal of Costs		20,492.00
 <u>Change Order Add Ons</u>		
	Fee	1,283.00
	GL Insurance	274.00
	P&P Bond	165.00
Total For Change Order Request		22,214.00

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 13

Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

Keller-

1. Provide backup for GPS modeling update.
[See invoice attached.](#)
2. Provide credit for backfill at extended curbs. [Base Bid curb in plaza: 134' vs. Bulletin 19 curb: 263'.](#)

LeChase/QSI-

1. What is the cost for pump? I assume these would be poured same time as canopy entrance SOG.
[These will be placed separately.](#)
2. Provide credit for base contract concrete work, concrete curbs.
[The base contract section of concrete remains as is. Please see attached revised drawings for clarification. We will still be placing this concrete and have not included this in our takeoff.](#)
3. Concrete infill at islands is only 255 sf- how do you arrive at 1720sf. [For the section of concrete we are adding it is actually only 95SF. 2-3 cubic yards. We have reduced our cost, see attached revised change order.](#)

SY. Kim Land Surveyor, PC
 424 North Greenbush Road
 Rensselaer, NY 12144



SY KIM LAND SURVEYOR, PC

MBE/DBE certified

SYKIMLS.COM

518-785-3969

Phone : (518) 505-5683

Fax: (518) 785-1608

Invoice

Invoice Number
6885

Invoice Date
11/14/2019

Bill To: Keller & Sons, Inc.
1435 Route 9

RE: Alb Airport Parking

Castleton-On-Hudson, NY 12033

Job No	Customer Job No	Customer PO	Terms	Due Date	
6719			Net 30 Days	11/30/2019	
Work Date	Description		Quantity Hrs	Rate / Per Unit	Amount

Labor:

Design Map - Bulletin 19	5.00	170.00	850.00
--------------------------	------	--------	--------

Subtotal:	850.00
Sales Tax:	0.00
Total Amount Due:	850.00

Head TCCo 10.07.19



CONNECT TO EX. 8" HDPE
W/ 45° BEND INV. 267.10

53 LF 8" HDPE @ 2.0%

45'0"0"

CONNECT TO EX. 6" PVC ST. LINE
W/ 45° BEND AT INV. 267.40
5 LF 6" PVC @ 2.0%

TRENCH DRAIN CB
INV. OUT: 267.50

TRENCH DRAIN
IF: 271.40

5
C-602

272

271.66

271.42

TC 272.16
BC 271.66

ADS DOWNSPOUT ADAPTOR
AT CANOPY LEADER INV.
AT ELBOW: 269.00

45° BEND

272.81 TC
272.31 BC

272.86 TC
272.36 BC

TC 273.25
BC 272.75

273.00 TC
272.50 BC

273.29 TC
272.79 BC

272.81 TC
272.31 BC

272.86 TC
272.36 BC

TC 273.25
BC 272.75

273.00 TC
272.50 BC

273.29 TC
272.79 BC

272.63 TC
272.13 BC

272.81 TC
272.31 BC

273.00 TC
272.50 BC

273.29 TC
272.79 BC

TC 272.95
BC 272.45

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272.50 BC

273.29 TC
272.79 BC

TC 272.63
RP/BC 272.13

272.81 TC
272.31 BC

273.00 TC
272.50 BC

TC 273.51
RP/BC 273.01

272.50 TC
272.00 BC

RP/BC 272.31

TC 273.50
BC 273.00

RP/BC 272.98

272.81 TC
272.31 BC/RP

273.00 TC
272.50 BC

TC 273.50
BC 273.00

ADS DOWNSPOUT ADAPTOR
AT CANOPY LEADER INV.
AT ELBOW: 268.34

TC 273.29
BC 272.79

TC 273.51
BC 273.01

TC 273.65
BC/RP 273.15

TC 273.29
BC 272.79

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Change Order Request

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

Date: 9/26/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 13 - PCO #36 - VOID -

Description of Change: PCO #36-Bulletin 19 Changes-Changes at entry island

General scope items:

- Added prep for longer island tails, model modifications, and layout modifications.
- Added Slip form for longer island tails, and infill concrete work
- Added conduit and rough in work for proper placement of LPR's, additional layout modifications

NO EXTENSION REQUIRED

Description	Scope of Work	Cost
Concrete		8,517.00
Concrete Reinforcing	2 Men, 1 shift, 16 hours @ \$84.49	1,352.00
Earthwork		3,757.00
Curbs		9,983.00
Concrete Bedding and Backing	17CY bedding and backing @ \$120/CY	2,040.00
Subtotal of Costs		25,649.00

Change Order Add Ons

Fee	1,283.00
GL Insurance	274.00
P&P Bond	165.00

Total For Change Order Request **27,371.00**

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

Print: _____ **Print:** FAULKNER **Print:** _____

Signed: _____ **Signed:** _____ **Signed:** _____

Date: _____ **Date:** _____ **Date:** _____

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>37</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

Adjustment to Contract Sum (Indicate if zero cost)

Add: \$ TBD Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|-------------------|
| <input checked="" type="checkbox"/> No Change | ___ Days Added |
| | ___ Days Deducted |

Cost Basis (check all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

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

Please provide labor and materials to install the curbed island extension for the license plate reader cameras per revised drawing A-410 Detail 1 updated on 09.24.19

Justification:

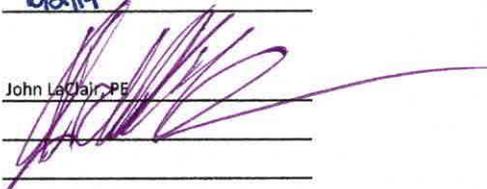
989-GC Information Bulletin 19 [IB19-A-01] dated 09.25.19

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

Construction Manger Recommendation

Name	<u>Robert Wagner</u>
Signature	<u></u>
Date	<u>09/24/19</u>

Contracting Authority Approval

Name	<u>John LeDair, PE</u>
Signature	<u></u>
Date	_____

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>45</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

Adjustment to Contract Sum (indicate if zero cost)

Add: \$ TBD Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|-------------------|
| <input checked="" type="checkbox"/> No Change | ___ Days Added |
| | ___ Days Deducted |

Cost Basis (check all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> 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 minor grade adjustments for curbed islands at the east canopy entrance per site/civil drawing IB19A-01 issued on 10.07.19. This drawing has some radius dimensions as well for clarification.

Justification:

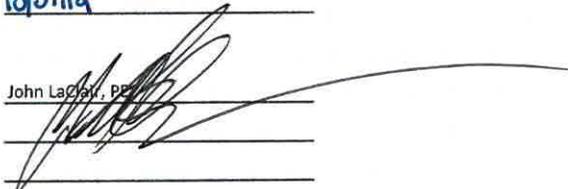
989-GC Information Bulletin 19A [IB19A-C-01] dated 10.07.19 for the changes to the grades at the curbed islands at the east entrance due to the changes of the curbed islands to accommodate the PARCs equipment as issued in 989-GC-IB19-A-01.

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 10/07/19

Contracting Authority Approval

Name John LaClaw, PE
 Signature 
 Date _____



INFORMATION BULLETIN No. 19A

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB19A-C-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 10-07-19

Description:

Minor grade adjustments for curbed islands.

Information:

See attached Site/Civil drawing IB19A-01 for minor grading adjustments and radius dimensions associated with curbed island extensions to accommodate PARCS' LPR locations.

IB Status:

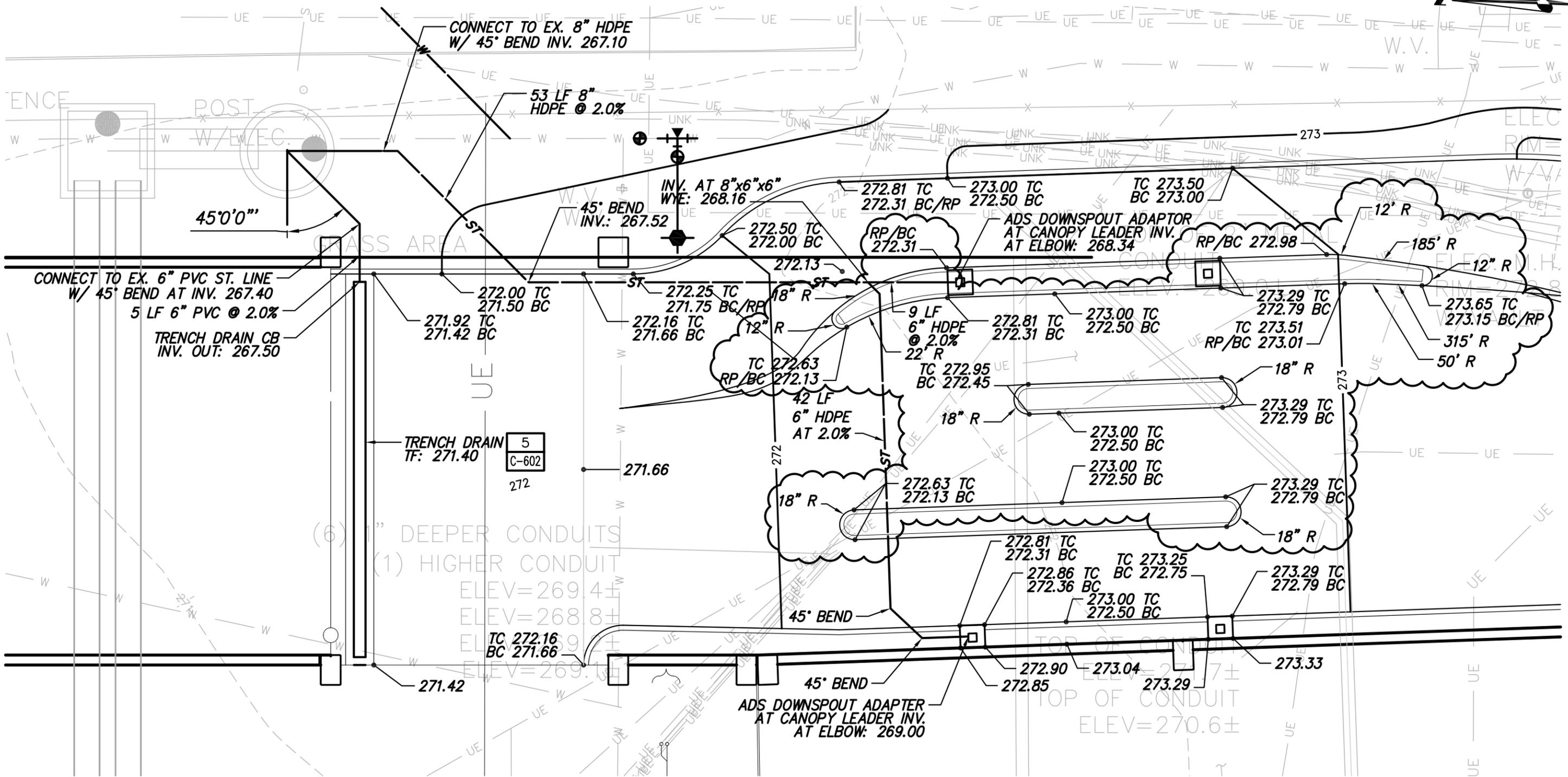
CLARIFICATION - This serves as a clarification to the Contract Documents. Contractor to proceed with this work. No Cost and/or Schedule Impact.

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: Jason Chlopecki, CHA



File: V:\PROJECTS\ANY\K5\35034\CADD\ACAD\C-310 GRADING AND DRAINAGE ENLARGEMENTS.DWG Saved: 10/7/2019 2:57:35 PM Plotted: 10/7/2019 2:59:32 PM Current User: Chlopek, Jason LastSavedBy: 2260

Drawing Copyright © 2019  III Winners Circle, PO Box 5269 Albany, NY 12205-0269 518.453.4500 • www.chacompanies.com	 Capital Region Gateway	ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GARAGE GENERAL CONSTRUCTION		PROJECT No.: 35034
		DRAWING NAME: GRADE ADJUSTMENTS		DATE: 10/07/2019
(ALTERS DRAWING C-310)			DRAWING No.: IB19-A-01	

PROPOSAL

Project: Albany Airport Parking Garage

Proposal 4-19003 COR 10-16-19

Contractor: LaChase

Date: October 16, 2019

JJP will construct the following items on subject contract, in accordance with project specifications, for the following prices, per JJP's conditions. In any case whatsoever, all terms, conditions and exclusions are to be incorporated into any contract between both parties. If these requirements are not met, then prices are subject to change or will be respectfully withdrawn.

5x16 Granite Curb Approx 365 LF at \$27.35 Per LF (1 Day) **Approx 17 CYDS B&B**

No Winter Conditions (No Hot Water, Polar Set or Covering)

For these prices, JJP will install the above items using material furnished as indicated below.

JJP Slip Forming: Granite Curb, 5x16 Type A,

General Contractor: Bedding/Backing for granite curb, Approx 17 CYDS, Sealers & Caulking

Notes: Handicap ramps (raised domes) in sidewalks are to be installed Per ADAAG, effective July 2002

SALES TAX :



Is NOT Included in price.

CONDITIONS:

The Contractor shall, at no cost to JJP.

• JJP will be given 3 (THREE) Weeks' Notice to Schedule Prior to Commence Work

Furnish all payment and/or performance bonds, use tax, permits and licenses

Furnish and install sealants, caulking, anti spalling compound and curing other than spray cure.

Furnish all testing and/or inspection of JJP's work.

Excavate and provide radius / survey points offset within 3 (three) feet behind curb at intervals of no more than 50 (fifty) feet apart for curb and control points for sidewalk.

Be solely responsible for the maintenance and protection of both vehicular and pedestrian traffic.

Notify UFPO and Maintain all Utility Layout Marks for our Use Till Our Work is Completed.

Be responsible for any damage to JJP's finish work not caused by JJP.

Furnish and place specified sub-base bedding material within tolerance limits, or 0" to + 1/4".

Provide 13 lf of access along face side of curb area for equipment.

Assure that all catch basins, DI's, and curb boxes are set to correct line and grade.

Remove any/all concrete & granite remnants generated from operations.

Provide operator / loader to unload granite curb & pavers. Also spot pavers in work areas.

Hand form any section of curb that cannot be slipformed due to lack of access or clearance.

Provide access to all areas for the discharging of concrete from concrete trucks using its own power.

- Provide access to bridge deck for the unloading of granite curb and materials via truck.

- Remove, Clean and Store reset items, where applicable.

- **Forward all back charges to JJP within 10 days after occurrence, including concrete invoices.**

*****GC to pay any and all extra costs resulting from working this contract during cold weather conditions. GC to Furnish & Install thermal blankets & ground heaters if needed. For work between November 15th and April 15th, add 30% to unit pricing for winter conditions (unless other pricing has been specifically agreed upon). JJP will not be liable for or warranty any work installed during this period, unless specific terms have been agreed upon.

ASSURE THAT:

- A. All work can be completed prior to 10/30/2019 _____ with the understanding that remaining work will be charged at a unit price **10%** higher.
- B. **JJP will be given 3 (THREE) weeks to Commence Work** and that at least all work area is prepared at such commencement date and at least all work area be continuously prepared ahead. Further, that the JJP can complete all their work in no more than As Noted move(s) on and off the project.
- C. **Additional moves will be paid at \$ 1000.00 per move.**
- D. **JJP will be paid for down time incurred due to site not being prepared at a rate of \$ 750.00 Per Crew Hour.**

The contractor will make payment to JJP Slip forming, Inc. for the work performed on this project within fifteen days upon receipt from owner with no more than 5% retainage held. All Invoices unpaid after 30 (Thirty) days will incur interest charges at 1.5% per month, plus attorney's fees if used for collection.

If, for any cause which is not the fault of the JJP, a certificate of payment is not issued or the contractor does not receive timely payment or does not pay the JJP within 30 days after receipt of payment from the owner, payment to JJP shall be made upon demand.

JJP Slip Forming, Inc. will provide a Certificate of Insurance naming the contractor as additional insured using the following limits: General Liability of \$1m each occ / \$3m general agg. Automobile of \$1m combined single limit. Excess Liability for \$2m each occurrence & \$2m aggregate. If additional insurance is required, it can be obtained at the expense of the contractor/owner.

If the Contractor wishes to award the work described herein to JJP, They may use this proposal as a letter of intent, until formal agreement can be executed (which incorporates proposal), by signing and dating where indicated below, returning this copy to JJP.

Expiration date of Proposal is.....30 days from proposal date.

With *Rising Cost of Steel, Cement, and Fuel, Purchase Order Will Have to be placed within 30 Days to Hold Prices*

ACCEPTED BY CONTRACTOR:

Company: _____

By: _____

Title _____

Date: _____

SUBMITTED BY JJP:

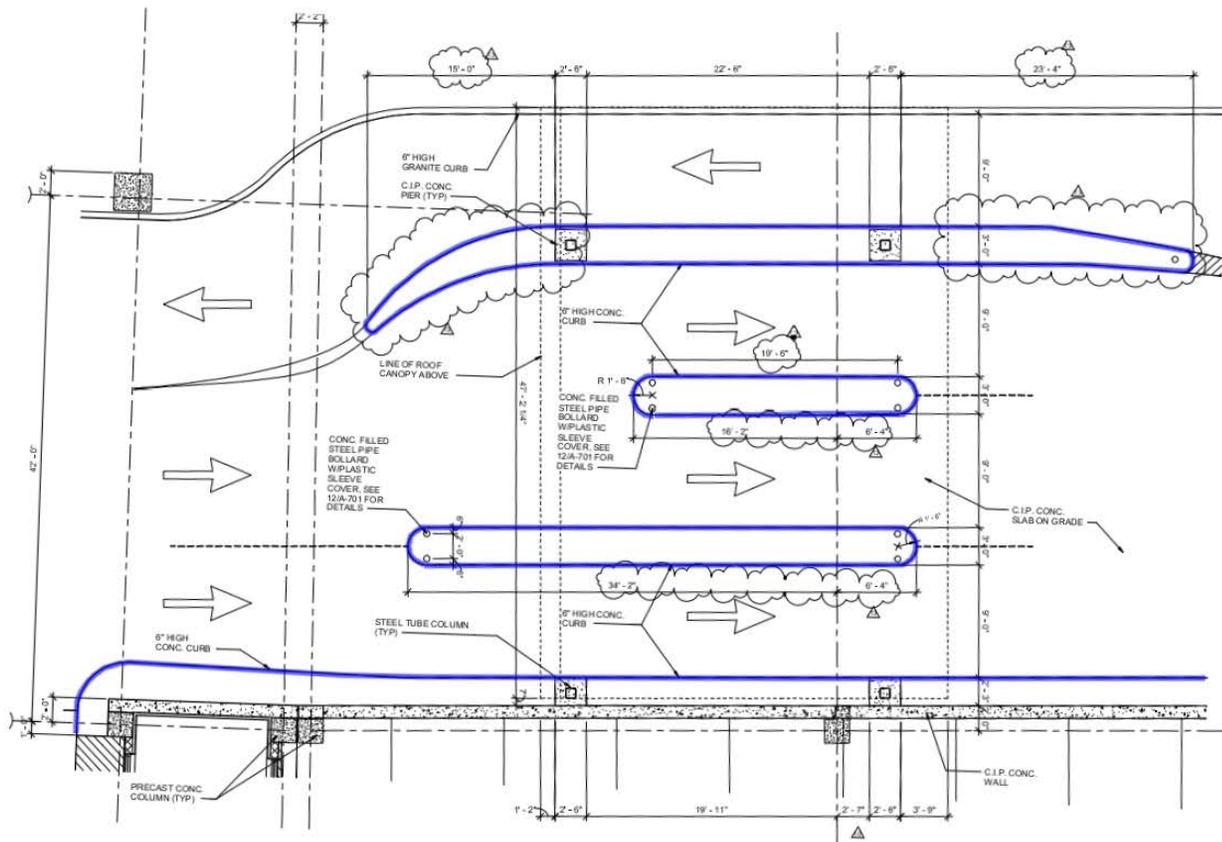
JJP Slipforming, Inc.

by: _____

Craig Bouvier

Title: _____ Vice President _____

Date: _____



1 GRADE LEVEL ENLARGED ENTRANCE/EXIT PLAN
 SCALE: 1/4" = 1'-0"

1. This drawing shall be read in conjunction with the project manual and specifications. It shall be the responsibility of the contractor to verify all dimensions and conditions shown on this drawing. The contractor shall be responsible for any discrepancies between this drawing and the project manual and specifications.

ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

1	General Notes	1	1
---	---------------	---	---

1	REVISION	DATE
1	ISSUED FOR	11/11
1	REVISION	11/11
1	REVISION	11/11

ENLARGED PLAN DETAIL

Designed By	Drawn By	Checked 1
J.T.	J.S.	R.W.
Issue Date	Project No.	Scale
2/6/16	3104	AS SHOWN

Drawing No. **A-410**

5x16 Granite

363.9 FT

Change Order Request

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

Date: 9/26/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 14 - PCO #33-Bulletin 21

Description of Change: PCO #33-Bulletin 21 Changes-Electrical raceway cover 'fascia'

NO TIME EXTENSION REQUIRED

Description	Scope of Work	Cost
Misc Metals-Vendor #2		9,500.00
Concrete		3,998.00
	Subtotal of Costs	13,498.00

Change Order Add Ons

Fee	675.00
GL Insurance	144.00
P&P Bond	87.00

Total For Change Order Request **14,404.00**

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

Print: _____ Print: FAULKER 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 14

Revision Number: 1

Construction Manager Response to Change Order: LeChase Construction Response to CM Comments:

1. No need for lull- Distribution will be drive up to level 5 and unload material.
The vendor is supplying the steel to LeChase. A delivery truck will show up to the project, a lull will be used to unload the materials from the delivery truck and distribute to the floors, Or to a smaller vehicle to distribute. A typical steel delivery truck will not fit into a garage that only allows 7'-2" vehicles. We believe that lull use for \$104.95, will be needed. STS is not installing these.
2. Small boom lift not required, 2 men should be able to carry 90lb channel.
We have placed \$650.00 in the proposal for a lift/ladder/scaffold to accommodate the installation. We have gone over in detail how we will install this steel in the field. After layout we will have two men hold and align the steel and an additional 3rd man installing the fasteners. After we add an additional guy there will be an additional \$1,152. Which is higher than our original \$650.00, we propose to keep the proposal as is.



INFORMATION BULLETIN No. 21

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB21-E-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 9-24-19

Description:

Cover for signage raceway per ACAA request to protect raceway from snow plows.

Information:

Provide a 1/2" thick galvanized, corrosion resistant bent plate cover, as noted on the attached sketch IB21-SK01. Coordinate with Unistress for locations of fasteners of raceway and raceway cover. For cover plate, maximum spacing of fasteners no less than 16" on center.

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: Rich LaRose, CHA

Mon 9/23/2019 2:21 PM

RE

Riehl, Eric - (NYN) <eriehl@tcco.com>

RE: Albany Airport - Exterior Parking Garage Signage

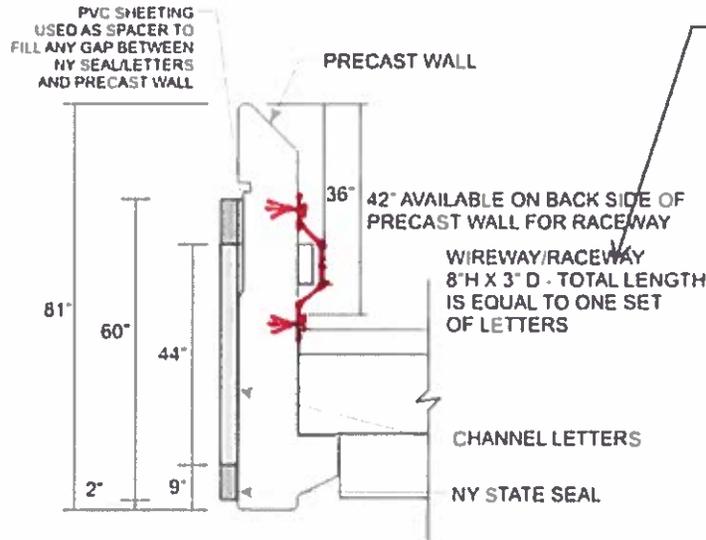
To: LaRose, Richard

Cc: Wagner, Robert C - (NYN); Anderson, Mark; Signor, Amy

You replied to this message on 9/23/2019 5:16 PM.

Also, Rob sent out the following information earlier (see below). Please mark up the submittal and have Color Ad provide some protection for the raceway to protect it.

It looks like we are going to need some protection (shown in yellow) around the raceway to protect it from v



2 Side View - NY State Seal and Channel Letters on Precast Wall
2 Scale: 3/8" = 1' - 0"

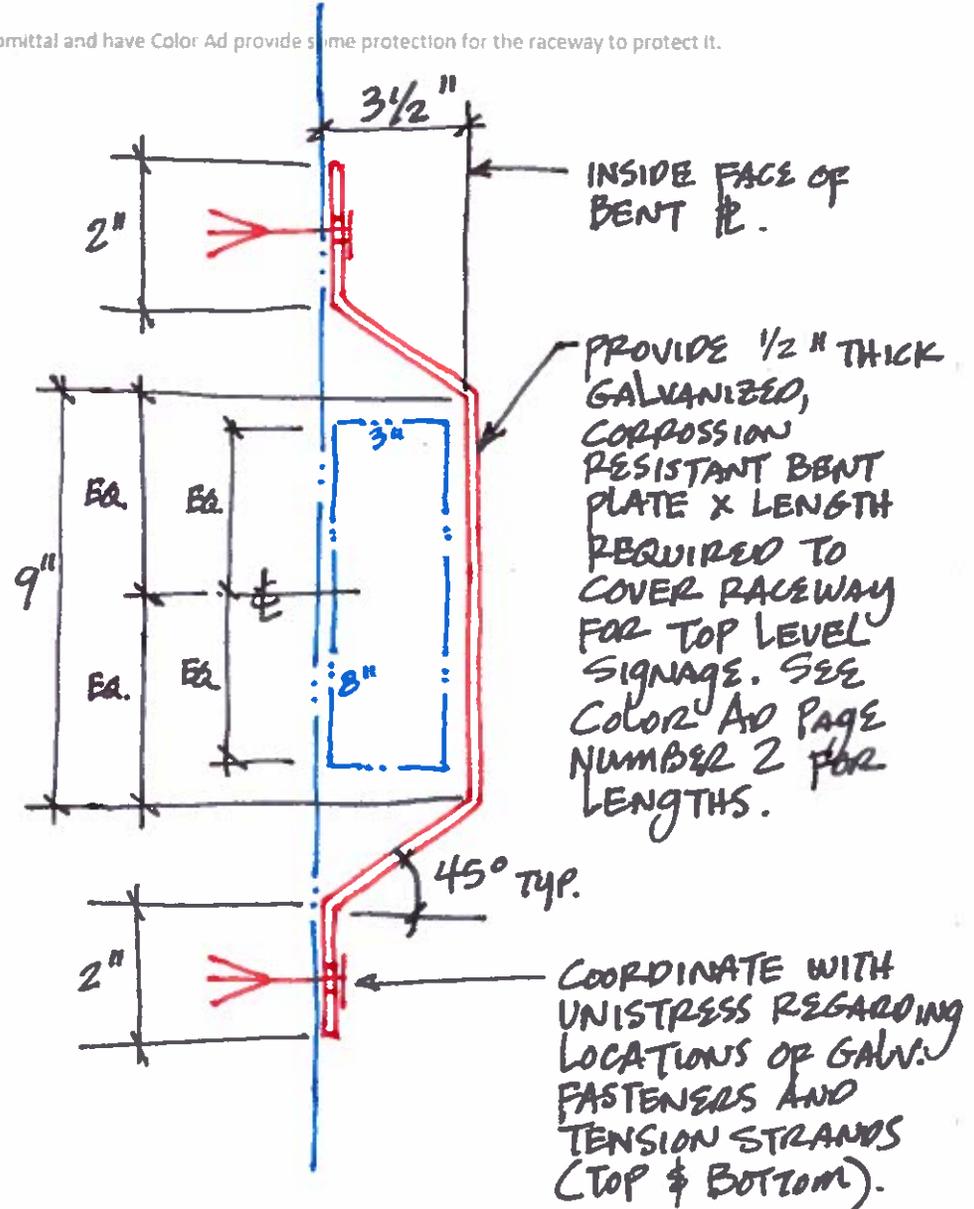
Please advise if you have any further questions.

Thank you

Eric Riehl

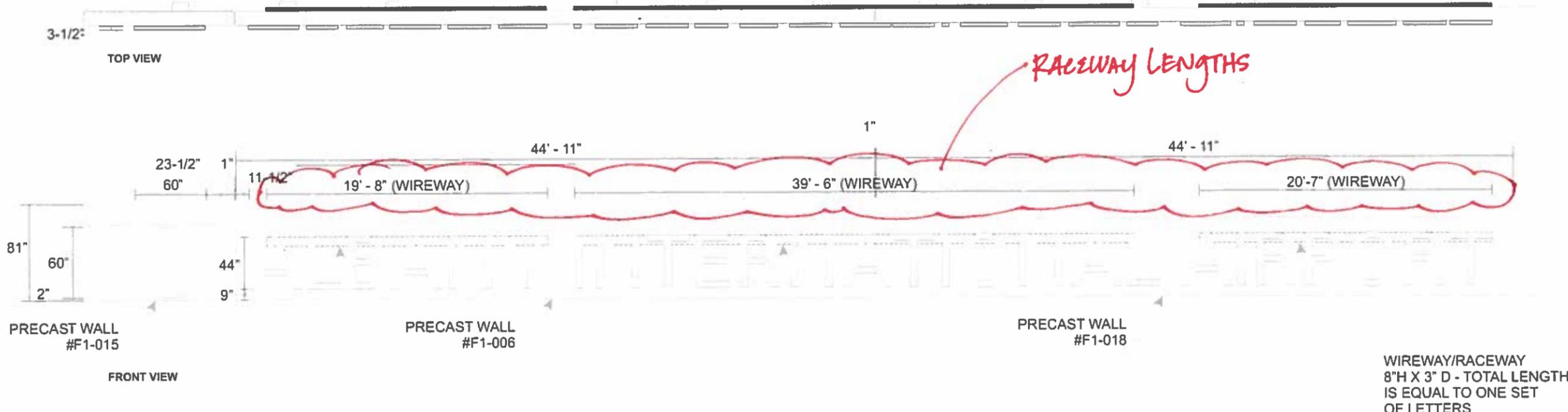
Field Engineer

Turner Construction Company | 1 Computer Drive South | Albany, NY 12205
main office 518 432-0277 | mobile 518 399 2623



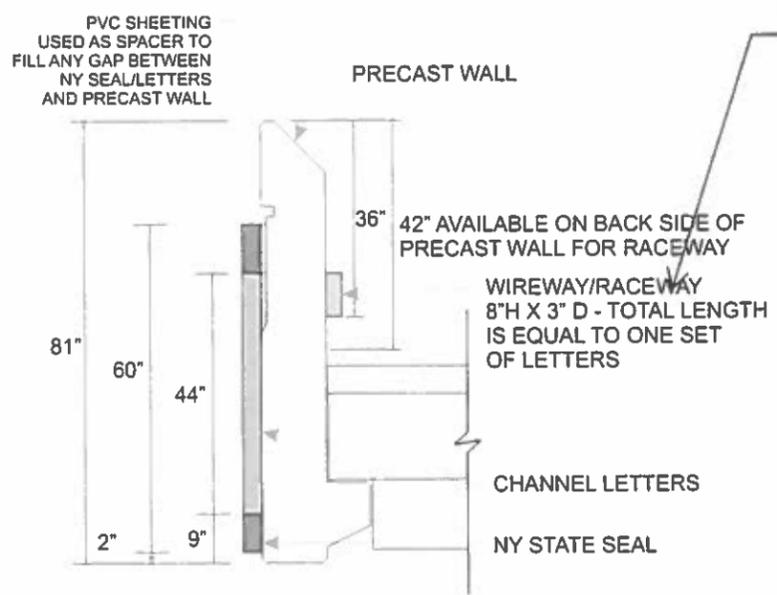
Albany Airport, Parking Garage - Exterior Letters on West Elevation

PLEASE VERIFY
WILL ANY CONDUITS BE
IN THE WAY OF OUR
RACEWAY/WIREWAY IF
PLACED IN THIS AREA



WIREWAY/RACEWAY
8"H X 3" D - TOTAL LENGTH
IS EQUAL TO ONE SET
OF LETTERS

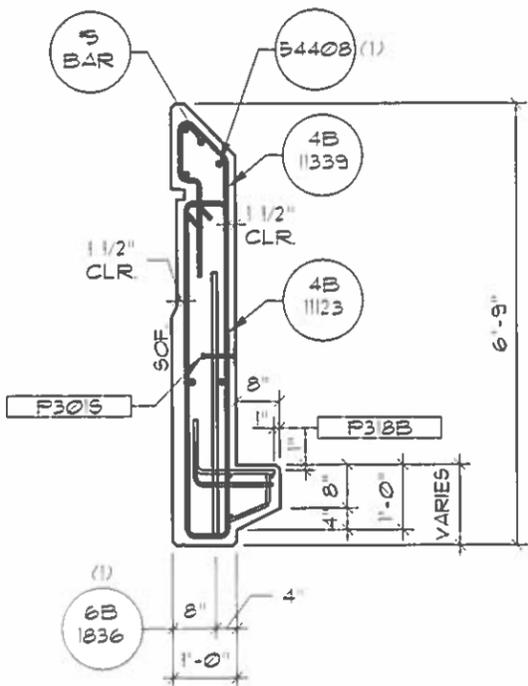
1 Exterior Dimensional State Seal & Channel Letters - Layout Shown on Precast Walls at West Elevation - Top View & Front View
2 Scale: 1/8" = 1' - 0"



2 Side View - NY State Seal and Channel Letters on Precast Wall
2 Scale: 3/8" = 1' - 0"

COLOR AD / LECHASE
~~MARK ANDERSON/TURNER~~
TO CONFIRM
LOCATION OF RACEWAY & RACEWAY BENT &
COVERS WITH UNISTRESS.

3 Tension Strand Spacing - Side View Precast Wall
2 Scale: 3/8" = 1' - 0"



4 Rebar Placement - Side View Precast Wall F1-015
2 Scale: 3/8" = 1' - 0"

Date	: 9/3/19
Client	: Albany County Airport Authority
Job Name	: Albany International Airport
Job Site	: Albany International Airport Parking Garage Albany New York
Acct. Rep.	: SK
Designer	:
Drawing #	: 53374 Albany Airport_P Garage_Ext Letters.cdr
Rev. #	:
Rev. Date	:
Scale	: AS SHOWN
Page Number	: 2

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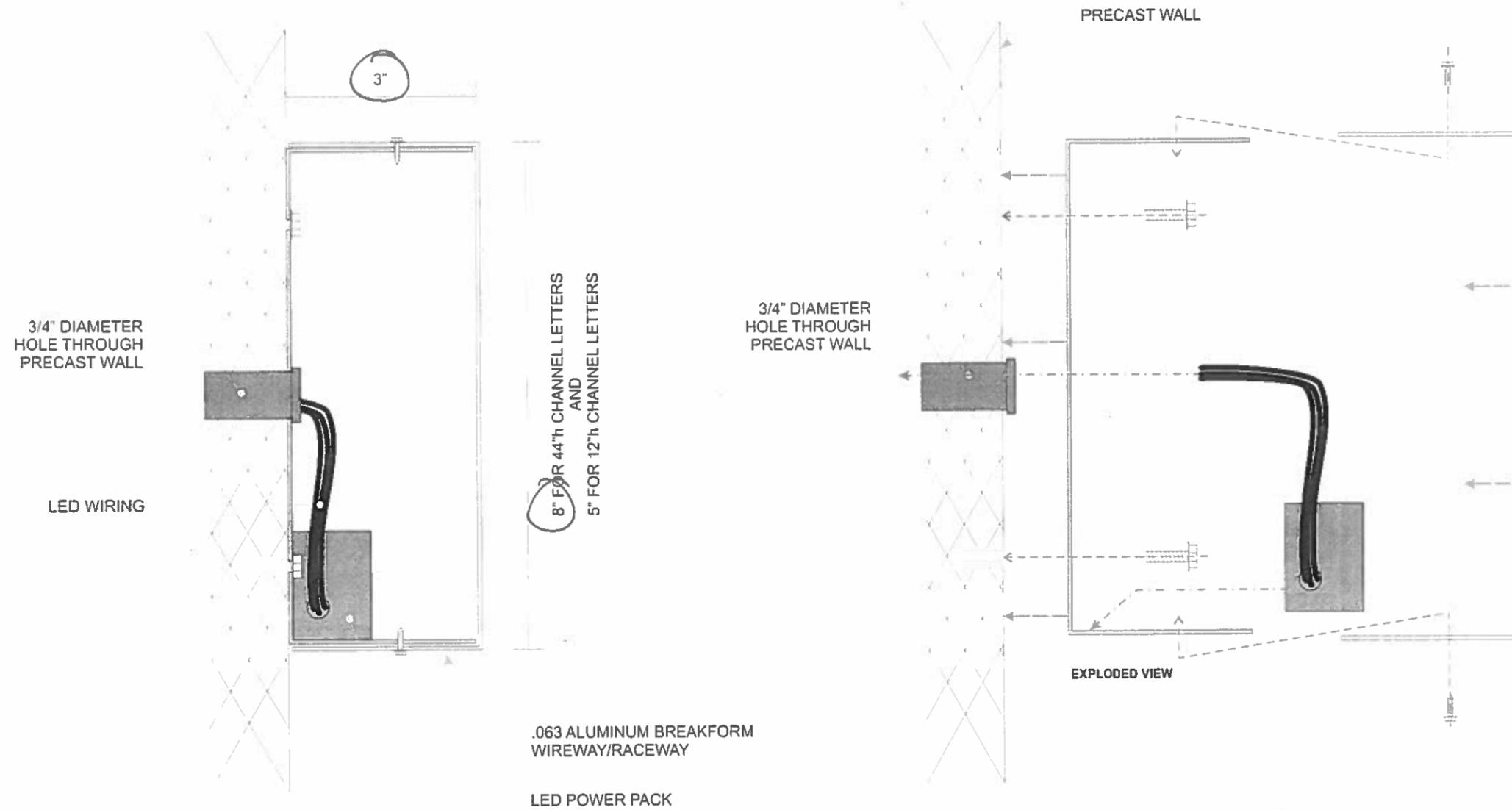
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NAME: _____
TITLE: _____
SIGNATURE: _____
DATE: _____

Albany Airport, Parking Garage - Wireway/Raceway Details

POWER REQUIREMENTS ARE ESTIMATED UNTIL FINAL REVIEW.
FINAL ELECTRICAL REQUIREMENTS WILL BE COORDINATED.



Date	: 9/3/19
Client	: Albany County Airport Authority
Job Name	: Albany International Airport
Job Site	: Albany International Airport Parking Garage Albany New York
Acct. Rep.	: SK
Designer	:
Drawing #	: 53374 Albany Airport_P Garage_Ext Letters.cdr
Rev. #	:
Rev. Date	:
Scale	: AS SHOWN
Page Number	: 22

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NAME: _____
TITLE: _____
SIGNATURE: _____
DATE: _____

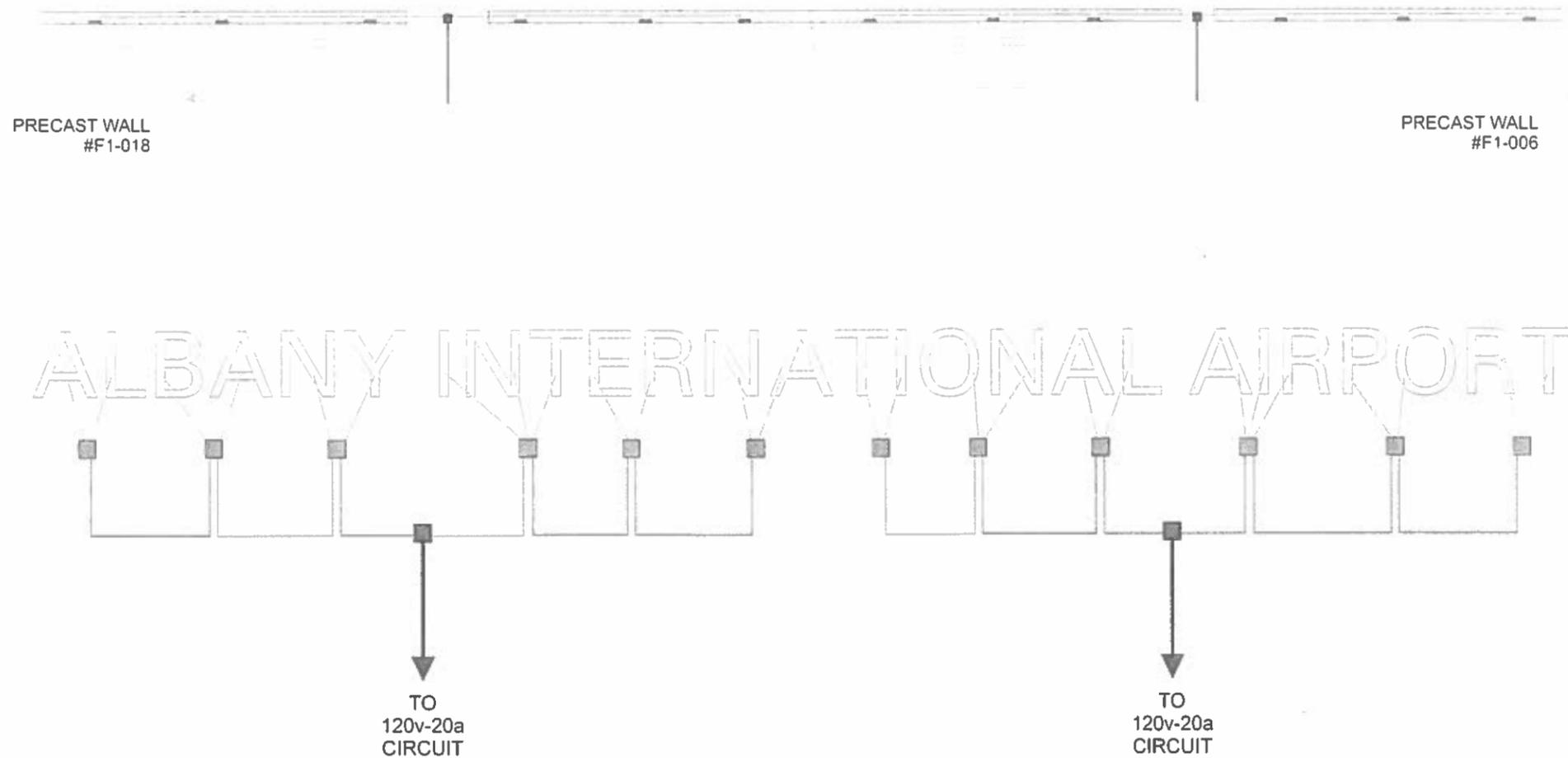
1 Wireway/Raceway for Channel letters - Fabrication Detail - Side View -
22 Scale: 6" = 1' - 0"

Albany Airport, Parking Garage - Wireway/Raceway Wiring Diagram - 44"h Channel Letters on West Elevation

POWER REQUIREMENTS ARE ESTIMATED UNTIL FINAL REVIEW.
FINAL ELECTRICAL REQUIREMENTS WILL BE COORDINATED.

**COLOR GUIDE/LEGEND
FOR WIREWAY DRAWING**

- 120v WIRING - LEDs TO POWER PACKS - SUPPLIED BY COLOR-AD
- 120v WIRING - POWER PACKS TO CLIENT POWER - SUPPLIED BY COLOR-AD
- 120v WIRING - POWER - SUPPLIED TO SITE LOCATION BY CLIENT - 120v-20amp CIRCUIT
- LED POWER PACK - SUPPLIED BY COLOR-AD
- EXTERIOR JUNCTION BOX- SUPPLIED TO SITE LOCATION BY CLIENT



1 Simplified Wire Diagram for Channel letters - LEDs to Power Packs to Client supplied Power - 44"h Channel Letters on West Elevation
24 Scale: 1/8" = 1' - 0"

Date	: 9/3/19
Client	: Albany County Airport Authority
Job Name	: Albany International Airport
Job Site	: Albany International Airport Parking Garage Albany New York
Acct. Rep.	: SK
Designer	:
Drawing #	: 53374 Albany Airport_P Garage_Ext Letters.cdr
Rev. #	:
Rev. Date	:
Scale	: AS SHOWN
Page Number	: 23

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APPROVED FOR PRODUCTION

NAME: _____
TITLE: _____
SIGNATURE: _____
DATE: _____



PROPOSAL

ATTN: Jeremy Hills
TO:

PROJECT: Albany Airport
LOCATION:

DATE: 10/11/2019

We propose to furnish and install all materials, equipment, and labor, subject to any exclusions listed below, required to complete the following:

14 pcs- 1/2" Steel Plate Cut and Bent (see note about flange leg length) with holes for fastening x 96" long.

Galvanized Finish

- Note: Flange legs of 2" are too shallow and we need 2-1/4" legs minimum to achieve the bend you are calling out. See the drawing attached.

Total Proposal Value: \$9,500.00

Exclusions: Engineered Shop Drawings

The above price is valid for 30 days. Miss Steel LLC agrees that they will enter into a standard AIA subcontract with General Contractor, and that basic provisions such as insurance and W-9 shall be in place prior to start.

3 1/2"

HUES +/-
60" OC
(COORDINATE
W/ UNISTRESS)

2 1/4"

1/2" THK
STEEL
GALV.

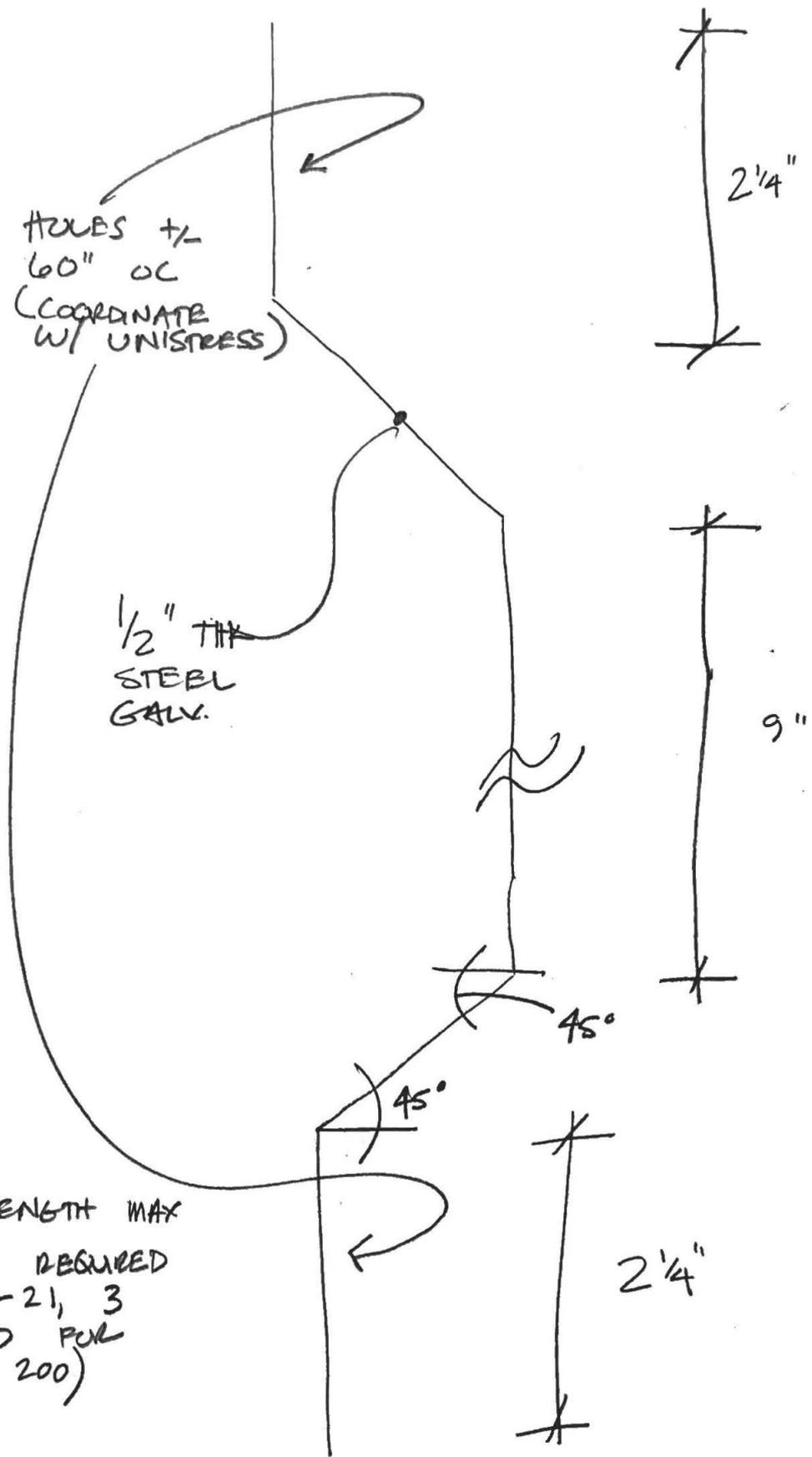
9"

45°

45°

96" LENGTH MAX
(1A EACH REQUIRED
FOR 1B-21, 3
REQUIRED FOR
RFI 200)

2 1/4"



DATED: 10/9/19

PCO #LC-0006



Albany Intl Airport #1934303

LeChase Construction Services, LLC

Capital District Office
220 Harborside Drive SUITE 301
Schenectady, New York 12305

Phone: (518) 388-9200

Fax: (518) 388-9206 Website: www.LeChase.com

Description of Change: Install 'hat' channel pursuant to details provided in Bulletin 21

Miscellaneous install work

Install hat channel provided by others

Labor: 2 men x \$72/ hr x 2 days total \$2,304.00

Materials: 3/8" Wedge anchors Assume 2' spacing 90 anchors total \$67.50

Equipment:	Small Boom Lift/Ladder/Scaffold used to hold channels in final locations while being fastened. Channels which will weight over 90#. Actual means and methods to be determined in the field	\$650.00
	Lull Use (unload truck and distribute to final installed location)	\$100.00
	Fuel, oil and grease for Lull	\$4.95
	Bits, drills, blades	\$350.00

Subtotal: \$3,476.45

10% OH/P \$3,997.92

Subcontractors: (see back-up attached)

Subs \$0.00

10% O & P \$0.00

LeChase & Subs \$3,997.92

Total **\$3,998**

Time Change: Extension of (0) days is required.
Completion Date is

YES

Change Order Request

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

Date: 10/1/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 20 - PCO 023 - Bulletin 12

Description of Change: PCO 023 - Bulletin 12-

See attached drawings P-001, P-101, P-102 for clarification on parking garage elevator drainage. The elevator pit will be drained at 100gpm 15 ft hd via a sump pump in the 2'x2'x2' sump pit which will discharge with an air gap 2" pipe up and through the south wall of the pit above grade into the FN-1 floor receptor. Refer to RFI 143 response.

With regards to power for the sump pump:

1. Provide a 2P-20amp branch breaker in existing spare space in panel ERPB to serve garage elevator pit sump pump.
 2. Provide wall mounted 30amp 2P fused disconnect switch in elevator shaft for sump pump, fuse at 15amps.
 3. Provide 2#8, 1#10G in ¾"C from panel ERPB to elevator sump pump disconnect switch.
 4. Provide ¾" PVC coated FMC conduit with 2#12, 1#12G from sump pump disconnect switch to sump pump.
- Terminate all conductors.

NO TIME EXTENSION REQUIRED

Please note:We were waiting on clarification of this area due to RFI / Bulletin. It required re-work and additional time due to construction activity/washouts.

Description	Scope of Work	Cost
Plumbing & HVAC		2,330.00
Electrical		2,586.00
Earthwork		1,517.00
	Subtotal of Costs	6,433.00

Change Order Add Ons

Fee	322.00
GL Insurance	69.00
P&P Bond	41.00

Change Order Request

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

Date: 10/1/2019

Owner : Albany County Airport Authority

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

Reason:

Total For Change Order Request

6,865.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Change Order Request

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

Date: 10/1/2019

Owner : Albany County Airport Authority

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

Reason:

Total For Change Order Request

6,865.00

Albany County Airport Authority

LeChase Construction Services, LLC Other: If Applicable

Print: _____

Print: FAULKNER

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 12

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB12-P-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 8-28-19

Description:

Parking Garage Elevator Drainage – RFI 143

Information:

See attached drawings P-001, P-101, P-102 for clarification on parking garage elevator drainage. The elevator pit will be drained at 100gpm 15 ft hd via a sump pump in the 2’x2’x2’ sump pit which will discharge with an air gap 2” pipe up and through the south wall of the pit above grade into the FN-1 floor receptor. Refer to RFI 143 response.

With regards to power for the sump pump:

1. Provide a 2P-20amp branch breaker in existing spare space in panel ERPB to serve garage elevator pit sump pump.
2. Provide wall mounted 30amp 2P fused disconnect switch in elevator shaft for sump pump, fuse at 15amps.
3. Provide 2#8, 1#10G in ¾”C from panel ERPB to elevator sump pump disconnect switch.
4. Provide ¾” PVC coated FMC conduit with 2#12, 1#12G from sump pump disconnect switch to sump pump. Terminate all conductors.

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: Phil Graziadei, Mark Anderson, CHA

LaRose, Richard

From: Philip Graziadei III (CHA - Clough Harbor) <notifications_Turner@procoretech.com>
Sent: Thursday, August 29, 2019 10:32 AM
To: LaRose, Richard
Subject: 989 [Parking Garage] Albany Airport: Response to RFI #143 ([989 GC] Parking Garage Elevator Drainage)

989 [Parking Garage] Albany Airport



More details: [View online](#) [Open In App](#)

Philip Graziadei III (CHA - Clough Harbor) responded to Question 1 on Thursday, August 29, 2019 at 10:31 am.

Response: See Information Bulletin IB12-P-01 989-GCR regarding Parking Garage Elevator Drainage, which includes adding a sump pump to be located in the elevator sump. This sump pump will discharge up and over through south wall above grade and then run down the wall outside into the parking garage and discharge with an air gap to the floor receptor.

Attachments: [Information Bulletin IB12-P-01 989-GCR Drawings.pdf](#)

RFI #143 was due on Thursday, August 22, 2019.

QUESTION 1

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

Date: Mon Aug 19, 2019 at 03:05 pm EDT

Location: Parking Garage

Question: Please issue a clarification that will tie together the design intent from the structural foundation drawing on S-503 with underground plumbing drawing P-101 specifically at the elevator pit. The pile caps and walls have been poured with a recessed pit depression in the concrete, there is a sleeve installed in the south wall at invert elevation of 265.0'. The pile cap is a massive area of concrete that would prevent any piping to penetrate the elevator pit at any elevation below 265' while drawing P-101 calls for 6" waste up to FN-1 (similar to pedestrian bridge). Due to the pile cap and all the structural steel associated with the pile cap and the fact that the pile cap and walls are already poured there is no way for the piping to enter the elevator pit from below as indicated on the plumbing drawings. Looking at the section detail on S-503 it appears the intent would have been to utilize a sump pump.

Please advise how this drain is intended to be installed, core drilling the concrete in this area would be very difficult.

Attachments: [RFI- Parking Garage Elevator.pdf](#)

All Replies

Answered By: Philip Graziadei III (CHA - Clough Harbor)

Date: Thu Aug 29, 2019 at 10:31 am EDT

Response: See Information Bulletin IB12-P-01 989-GCR regarding Parking Garage Elevator Drainage, which includes adding a sump pump to be located in the elevator sump. This sump pump will discharge up and over through south wall above grade and then run down the wall outside into the parking garage and discharge with an air gap to the floor receptor.

Attachments: [Information Bulletin IB12-P-01 989-GCR Drawings.pdf](#)

ADDITIONAL DETAILS

Project: 989 [Parking Garage] Albany Airport

Subject: [989 GC] Parking Garage Elevator Drainage

Date Initiated: 08/19/19

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

Assigned To: Byrd, Paul (CHA - Clough Harbor)
Graziadei III, Philip (CHA - Clough Harbor)
Olsted, Dan (CHA - Clough Harbor)

Responsible Contractor: LeChase Construction [989-GC]

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

Distribution List: Bangalore, Sonia (Parsons)
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: TBD

Cost Impact: TBD

PLUMBING PIPING SYMBOLS (ONE-LINE)	
	BALANCING VALVE
	BALL VALVE
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	ANGLE VALVE (GATE)
	ANGLE VALVE (GLOBE)
	PRESSURE RELIEF VALVE
	PRESSURE REDUCING VALVE
	PRESSURE REGULATING VALVE
	SPRING CHECK VALVE
	SWING CHECK VALVE
	SOLENOID VALVE
	ELECTRICALLY ACTUATED VALVE
	TRIPLE DUTY VALVE
	GAS COCK
	CIRCUIT SETTER BALANCING VALVE
	PLUG VALVE
	NEEDLE VALVE
	QUICK OPENING VALVE
	QUICK CLOSING VALVE
	WYE STRAINER
	PIPE TURNING UP
	PIPE TURNING DOWN
	PIPE BRANCH UP
	PIPE BRANCH DN
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	PIPE CAP
	PIPE BREAK
	PIPE PLUG
	UNION
	MANUAL AIR VENT
	DECK PLATE CLEANOUT
	WALL CLEANOUT / CLEANOUT
	FLOOR DRAIN / ROOF DRAIN
	HOSE BIBB / NON-FREEZE HOSE BIBB
	FRESH AIR INLET
	POINT OF CONNECTION
	POINT OF DISCONNECTION

PLUMBING ABBREVIATIONS	
ABS	ABSOLUTE
AC	ALTERNATING CURRENT
AD	ACCESS DOOR
AF	ABOVE FINISH FLOOR
AP	ACCESS PANEL
BOP	BOTTOM OF PIPE
CD	CONDENSATE DRAIN
CEILING	CEILING
CONT	CONTINUATION
Cv	COEFFICIENT, VALVE FLOW
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
EW	ELECTRIC WATER COOLER
ENT	ENTERING WATER TEMPERATURE
FAT	FLOAT AND THERMOSTATIC TRAP
FAI	FRESH AIR INTAKE
FF	FINISH FLOOR
FLA	FULL LOAD AMPS
FLR	FLOOR
FT HD	TEST OF HEAD
GA	GAUGE OR GAGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HWH	HIGH TEMPERATURE HOT WATER
IN	INCH
IN WG	INCHES WATER GAUGE
INV	INVERT
LAV	LAVATORY
LF	LINEAR FEET FOOT
LTHW	LOW TEMPERATURE HOT WATER
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	BTU PER HOUR (THOUSAND)
MH	MANHOLE
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
MIN SP	MINIMUM STATIC PRESSURE
MSCP	MAXIMUM OVERCURRENT PROTECTION
MTG HGT	MOUNTING HEIGHT
MO	MASONRY OPENING
MV	MANUAL AIR VENT
N/A	NOT APPLICABLE
N/C	NORMALLY CLOSED
N/C	NOT IN CONTRACT
N/O	NORMALLY OPEN
NPW	NON POTABLE WATER
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PH	PHASE
PFM	PARTS PER MILLION
PSIG	POUNDS PER SQUARE INCH GAUGE
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
TD OR DT	TEMPERATURE DIFFERENCE
TDH	TOTAL DIFFERENTIAL HEAD
TEMP	TEMPERATURE
TIR	TOTAL HEAD REJECTION
TSP	TOTAL STATIC PRESSURE
UNO	UNLESS NOTED OTHERWISE
UR	URNAL
VOLT	VOLTAGE
VTR	VENT THROUGH ROOF
W	WATT
WBT	WET BULB TEMPERATURE
WC	WATER CLOSET
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
°F	DEGREES FAHRENHEIT
#	AND
#	NUMBER

PLUMBING LINE-TYPES (ONE-LINE)	
	EXISTING NATURAL GAS PIPING (SIZE AS INDICATED)
	EXISTING UNDERLAB SANITARY PIPING (SIZE AS INDICATED)
	EXISTING UNDERLAB STORM PIPING (SIZE AS INDICATED)
	WASTE PIPING (SIZE AS INDICATED)
	STORM PIPING (SIZE AS INDICATED)
	UNDERLAB SANITARY PIPING (SIZE AS INDICATED)
	UNDERLAB STORM PIPING (SIZE AS INDICATED)
	NATURAL GAS PIPING (SIZE AS INDICATED)

PLUMBING LINE-TYPES (ONE-LINE)	
	EXISTING NATURAL GAS PIPING (SIZE AS INDICATED)
	EXISTING UNDERLAB SANITARY PIPING (SIZE AS INDICATED)
	EXISTING UNDERLAB STORM PIPING (SIZE AS INDICATED)
	WASTE PIPING (SIZE AS INDICATED)
	STORM PIPING (SIZE AS INDICATED)
	UNDERLAB SANITARY PIPING (SIZE AS INDICATED)
	UNDERLAB STORM PIPING (SIZE AS INDICATED)
	NATURAL GAS PIPING (SIZE AS INDICATED)

PLUMBING FIXTURE SCHEDULE								
TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
DD-1	DECK DRAIN	JAY R. SMITH SERIES 2450	SEE PLAN	NA	NA	NA	GRATE SHALL BE ADA COMPLIANT AND RATED FOR MINIMUM 10,000 LOAD CAPACITY	DUOCO COATED CAST IRON BODY WITH HINGED GRATE, LOOKING DEVICE AND REMOVABLE SEDIMENT BUCKET
DRCO	DECK PLATE CLEANOUT	JAY R. SMITH 4253 SERIES	SEE PLAN	NA	NA	NA	NA	DUOCO CAST IRON CLEANOUT, DOUBLE FLANGED HOUSING, HEAVY DUTY COVER WITH LIFTING DEVICE
FN-1	FUNNEL RECEPTOR	ZURK Z1920-6	6"	NA	NA	NA	PROVIDE TRAP SEAL GUARD AT FUNNEL DRAIN, 8" SUMP DEPTH, DUOCO CAST IRON BODY, REMOVABLE SEDIMENT BUCKET, AND NICKEL BRONZE GRATE WITH 4" NICKEL BRONZE FUNNEL	INDIRECT WASTE RECEPTOR FUNNEL/STRAINER TOP

PACKAGED SLUMP PUMP SCHEDULE										
TAG	LOCATION	GPM	FT HD	DISCHARGE NOZZLE SIZE (IN)	ELECTRICAL DATA			MANUFACTURER & MODEL#	REMARKS	
					HP	VOLT	PH			
SP-1	PARKING GARAGE ELEVATOR SUMP PIT - SEE PLANS	100	15	2	1	208	1	60	LIBERTY LEH102M2	1

1. PROVIDE CHECK VALVE FOR DISCHARGE PIPING

THIS SCHEDULE IS A SUMMARY OF THE INFORMATION PROVIDED BY THE MANUFACTURER AND IS NOT TO BE USED AS A BASIS FOR SPECIFICATIONS. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED BY THE MANUFACTURER AND FOR OBTAINING THE NECESSARY APPROVALS FROM THE APPROPRIATE AGENCIES.

ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No. / Submitter / Revision / Page / By / Date

7	6/24/01	-	-	6/28/19
3	ISSUED FOR BID	-	-	3/19/19
0	ISSUED FOR BID	-	-	2/15/19

LEGEND AND SCHEDULES

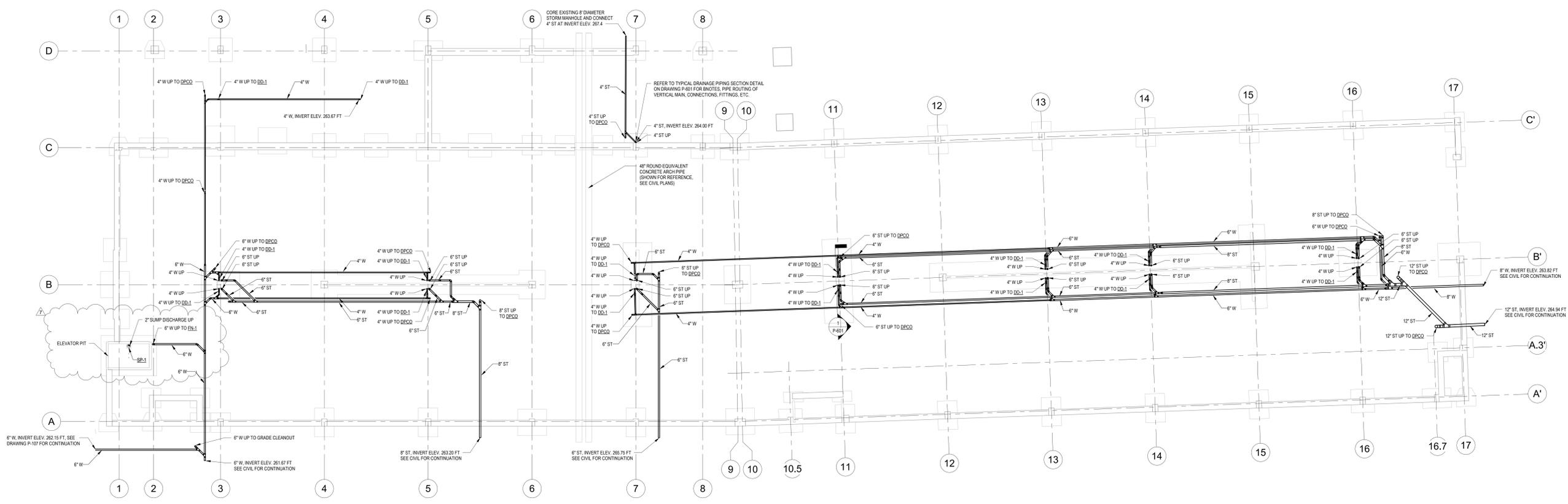
Designed By:	Drawn By:	Checked By:
PNG	PNG	JAN
Issue Date:	Project No:	Scale:
8/28/19	35034	AS SHOWN

Drawing No.

P-001

DRAINAGE PIPING GENERAL NOTES:
1. ALL HORIZONTAL BELOW SLAB DRAINAGE PIPING SHALL BEGIN AT AN INVERT MINIMUM OF 2'-0" BELOW SLAB. COORDINATE ROUTING OF BELOW SLAB DRAINAGE PIPING AS REQUIRED TO AVOID STRUCTURE.

CH2M
DESIGN MANAGEMENT
BERGMANN
ARCHITECTS ENGINEERS PLANNERS
Albany International Airport
Capital Region Gateway
ALBANY COUNTY AIRPORT AUTHORITY



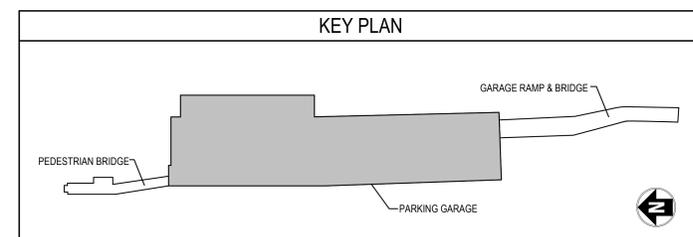
1 BELOW SLAB DRAINAGE PIPING PLAN
1/16" = 1'-0"



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ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No.	Submitter / Revision	App'd By	Date
7	012-P-01	-	8/28/19
4	ADD #3 - GCR	-	4/5/19
3	ISSUED FOR BID	-	3/15/19
0	ISSUED FOR BID	-	2/15/19

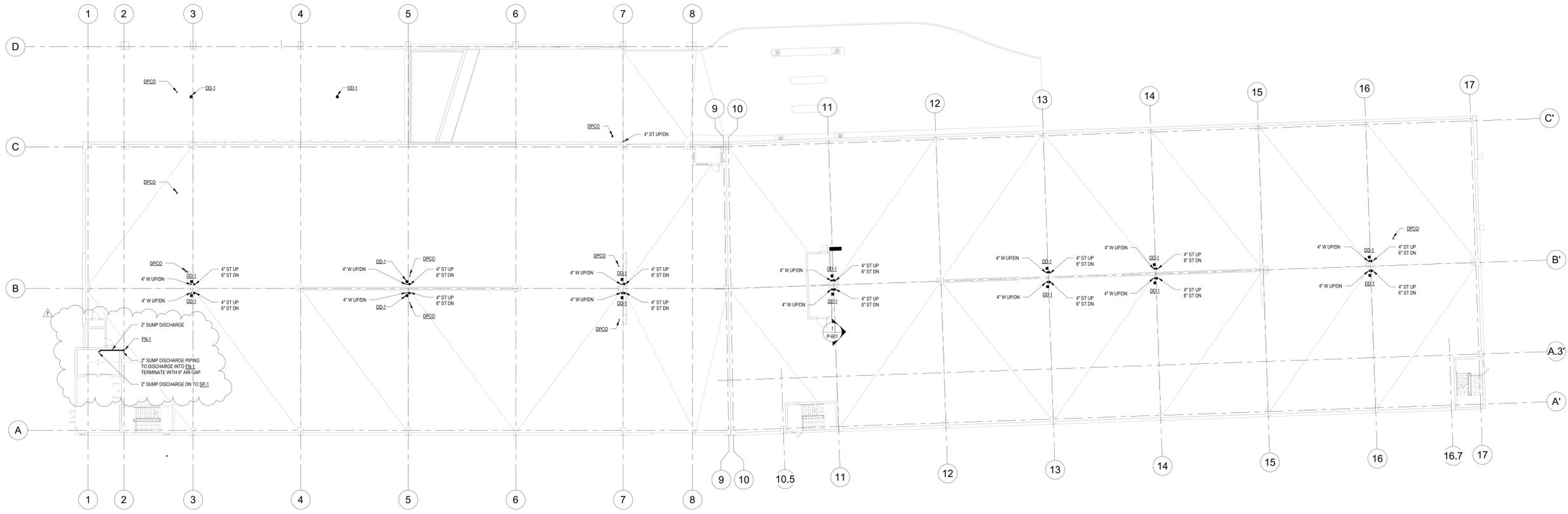


BELOW SLAB DRAINAGE PIPING PLAN

Designed By	Drawn By	Checked By
PNG	PNG	JAN
Issue Date	Project No	Scale
8/28/19	35034	AS SHOWN

Drawing No. **P-101**

Central File: Update this list with Central file location:
Saved: 8/28/2019 10:22:15 AM. Current User: File
C:\Users\j3929\Documents\35034\MPH\LE\CENTRAL_2902_3929.rvt



1 GRADE LEVEL DRAINAGE PIPING PLAN
1/8" = 1'-0"



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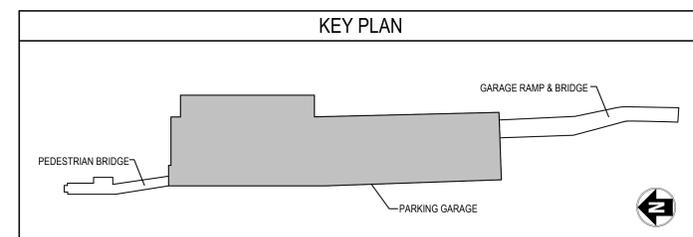
ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No.	Submitter / Reason	App'd By	Date
7	8/12/19	-	8/28/19
4	ADD #3 - GGR	-	4/5/19
3	ISSUED FOR BID	-	3/15/19
0	ISSUED FOR BID	-	2/15/19

GRADE LEVEL DRAINAGE PIPING PLAN

Designed By	Drawn By	Checked By
PNG	JAN	AS
Issue Date	Project No	Scale
8/28/19	35034	AS SHOWN

Drawing No
P-102



Central File: Update the last with Central file location:
Saved: 8/28/2019 10:25:17 AM
C:\Users\j3929\Documents\35034\MP\11\CENTRAL_P-102_360.rvt

Change Order Request



C.O.R. # 052392-005

G.C. #

Date: 9/16/2019

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:

Bulletin #12 Sump Pump

Change Order Price \$2,330.00

Excludes Temperature Controls or BMS integration.

This price is good for 30 days. If conditions change, this price is void.

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

Jesse Gorman 9/16/2019

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. # 052392-005

G.C. #

Date: 9/16/2019

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	
Plumber	9.00	\$95.00	\$0.00	\$0.00	\$0.00	\$855.00	0.00%	\$0.00	\$855.00
Sub Total						\$0.00	\$855.00	\$0.00	\$855.00
Grand Total						\$0.00	\$855.00	\$0.00	\$855.00

Materials

Materials	Quantity	Cost	TotalTax	Sub Total	Markup		Total Materials
					%	Amount	
Pipe and Fittings	1.00	\$696.00	\$69.60	\$765.60	10.00%	\$69.60	\$835.20
Sub Total				\$765.60		\$69.60	\$835.20
Grand Total				\$765.60		\$69.60	\$835.20

Equipment

Equipment	Quantity	Cost	TotalTax	Sub Total	Markup		Total Equip.
					%	Amount	
Sump Pump	1.00	\$581.41	\$0.00	\$581.41	10.00%	\$58.14	\$639.55
Sub Total				0.00	\$581.41	\$58.14	\$639.55
Grand Total				0.00	\$581.41	\$58.14	\$639.55
Total						\$2,329.75	
Total						\$2,330.00	

Postler & Jaeckle Corp

Recap with Total Weight

Project Name: AAP Garage Change Order

Bid ID: 052392-098

Report Time: 9/10/2019 7:52 AM

Profile Name: Standard

Labor Book: MCA

Scoped By: Base Bid; Drawing: P-102;

Postler & Jaeckle Corp

Recap with Total Weight

There was one calculation message.

Project Name: AAP Garage Change Order

Page: 1 of 3

Bid ID: 052392-098

Report Time: 9/10/19 7:52 AM

Data Calculated: 9/10/2019 7:51:48 AM

Base Bid; Drawing: P-102;

Pipe

Copper - Type L - 95/5

Material Multiplier: P2000 - Copper Tube - CER - 0.45

Item	Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Total Weight
CERRO Hard Tube							
	2	35	18.54	289	0.09	3	56

Copper - Type L - 95/5 Totals:

<u>35</u>	<u>289</u>	<u>3</u>	<u>56</u>
-----------	------------	----------	-----------

Pipe Totals:	<u><u>35</u></u>	<u><u>289</u></u>	<u><u>3</u></u>	<u><u>56</u></u>
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Fittings

Copper - Propress - PP

Material Multiplier: F2300 - ProPress Copper Fittings 2 and smaller - 0.45

Item	Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Total Weight
45 Deg Elbow							
	2	1	59.04	27	0.27	0	0
90 Deg Elbow							
	2	2	67.35	61	0.28	1	0
Male Adapter							
	2	3	80.89	109	0.17	1	0

Copper - Propress - PP Totals:

<u>6</u>	<u>196</u>	<u>1</u>	<u>0</u>
----------	------------	----------	----------

Fittings Totals:	<u><u>6</u></u>	<u><u>196</u></u>	<u><u>1</u></u>	<u><u>0</u></u>
-------------------------	-----------------	-------------------	-----------------	-----------------

Valves

Bronze - Nibco Check Valve - Thread

Material Multiplier: V0NA0 - NIB - Bronze Gate, Globe, Check Valves - NIB - 0.44

Item	Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Total Weight
T-413-B							
	2	1	461.00	203	1.61	2	0

Bronze - Nibco Check Valve - Thread Totals:

<u>1</u>	<u>203</u>	<u>2</u>	<u>0</u>
----------	------------	----------	----------

Valves Totals:	<u><u>1</u></u>	<u><u>203</u></u>	<u><u>2</u></u>	<u><u>0</u></u>
-----------------------	-----------------	-------------------	-----------------	-----------------

Hanger Components

- Clevis -

Postler & Jaeckle Corp Recap with Total Weight

There was one calculation message.

Project Name: AAP Garage Change Order

Page: 2 of 3

Bid ID: 052392-098

Report Time: 9/10/19 7:52 AM

Data Calculated: 9/10/2019 7:51:48 AM

Base Bid; Drawing: P-102;

Hanger Components

- Clevis -

Material Multiplier: H0001 - Hanger Materials - EMPIRE - 0.22

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Total Weight</u>
Fig11 Clevis Glv	2	3	5.28	3	0.00	0	2
- Clevis - Totals:		<u>3</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>2</u>	

- Rods -

Material Multiplier: MISC STEEL - Miscellaneous Steel Hanger Components - 1.00

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Total Weight</u>
Fig54 Allthread Glv	3/8	12	0.25	3	0.00	0	4
- Rods - Totals:		<u>12</u>	<u>3</u>	<u>0</u>	<u>4</u>		

- Struct Attach-Conc -

Material Multiplier: H0001 - Hanger Materials - EMPIRE - 0.22

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Total Weight</u>
Fig73 Drop-inAnchor	3/8	3	1.14	1	0.00	0	0
- Struct Attach-Conc - Totals:		<u>3</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	

Hanger Components Totals:	<u>18</u>	<u>7</u>	<u>0</u>	<u>5</u>
----------------------------------	-----------	----------	----------	----------

Labor

Hangers

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Total Weight</u>
Clevis Hanger(HgrItem Precast HgRodSh)	2	3	0.00	0	1.05	3	0
Hangers Totals:		<u>3</u>	<u>0</u>	<u>3</u>	<u>0</u>		
Labor Totals:	<u>3</u>	<u>0</u>	<u>3</u>	<u>0</u>			

Misc. Steel Items

- Bolts,Nuts&Washers -

Postler & Jaeckle Corp

Recap with Total Weight

There was one calculation message.

Project Name: AAP Garage Change Order

Page: 3 of 3

Bid ID: 052392-098

Report Time: 9/10/19 7:52 AM

Data Calculated: 9/10/2019 7:51:48 AM

Base Bid; Drawing: P-102;

Misc. Steel Items

- Bolts,Nuts&Washers -

Material Multiplier: MISC STEEL - Miscellaneous Steel Hanger Components - 1.00

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Total Weight</u>
Nuts - Cadmium Pltd	3/8	9	0.06	1	0.00	0	0
Washers - Cad, Pltd	3/8	9	0.06	1	0.00	0	0
- Bolts,Nuts&Washers - Totals:		<u>18</u>		<u>1</u>		<u>0</u>	<u>0</u>
Misc. Steel Items Totals:		<u>18</u>		<u>1</u>		<u>0</u>	<u>0</u>

Material Cost

Total Hrs

Total Weight

Grand Totals

\$696

9

62

* Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports

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

Quote
Number
Date
09/10/19 64431535

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
BULLETIN 12 PLUMBING AT ALBANY

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

Cust #	Customer Po#	Rel#	Writer	Date Req
154499	Y MUST HAVE PO	TCH	PLO	09/10/19

PAGE 1 OF 1

Quoted By: PHIL LORICA

Quantity	Description	Net Price	Exten	Ln#
1	#LIBERTY SEWAGE PUMP 230V/1 + L/PLEH102M2-2 (S3446393)	581.410	581.41	(1)

(4-6 DAY LEAD TIME ON ABOVE ITEM/S)
** (_____ PLUS FREIGHT _____) **

Sub Total:	581.41
Freight:	
Total:	581.41

*** NUMBER OF DAYS QUOTE VALID IS 15 ***

PLEASE REFERENCE QUOTE # 64431535 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

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

CHANGE ORDER REQUEST BREAKDOWN SUMMARY SHEET

Project Name: ACAA - 989-GCR
 Building / Area: A/B 1-3

PCO #:
 COR #:

Subcontractor/Vendor: Wm. J Keller & Sons Construction Corp.
 BP #: 989-GCR
 Change Order Source: Bulletin 12

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	Labor Costs			Total	Start	Finish
														Straight Time	EO Time & 1/2	EO Double Time			
		Foreman								4	0	0	\$ 82.09	\$ 108.92	\$ 135.73	\$ 328.36			
		Operator								4	0	0	\$ 79.75	\$ 105.42	\$ 131.10	\$ 319.00			
		Laborer								4	0	0	\$ 61.41	\$ 79.64	\$ 97.89	\$ 245.64			
		Laborer								4	0	0	\$ 61.41	\$ 79.64	\$ 97.89	\$ 245.64			
		Case Mini Ex	4	HR	\$ 45.00	\$ 180.00													
		Plate Tamper	3	HR	\$ 20.00	\$ 60.00													
																\$0.00			
		Net Subtotals:				\$240.00													
		Net Subtotals:								\$0.00	16	0	0	\$0.00	373.62	462.61	\$1,138.64		
		Total SGA & OH+P				\$24.00	10.00%			\$0.00	10.00%						\$113.86	10.00%	
		Tax (if applicable)				\$0.00				\$0.00						\$0.00			
		Total				\$264.00				\$0.00							\$1,252.50		
		Total Labor:															\$1,252.50		
		Total Materials, Subcontract & Labor, & OH+P:															\$1,516.50		

CHANGE ORDER REQUEST



Contractor: Nfrastructure
Contractor COR #: _____
Bid Package #: 989-GC Bulletin 03 [IB3-PEC] 05/22/19

Albany Airport Parking Garage 989-GCR
Date: 09/19/19
PCO #: PCO-003
Building/Area: Parking Garage

Change Order Reference Document:

RFI #: _____ Bulletin #: 12 Other: _____

Description of Change:

INSTALLATION OF UNDERGROUND CONDUIT, WIRING, TERMINATION AND DISCONNECT/BREAKER
INSTALL FOR PIT SUMP PUMP

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:

- A - Zero / Noncritical Impact to Schedule
- B - Impact Critical, Recoverable w/ Overtime
- C - Impact Critical, Not Recoverable

Days to Complete Added Scope:	
2	
Current Contract Completion Date	Adjusted Contract Completion Date:
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

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 20

Revision Number: 1

Construction Manager Response to Change Order: LeChase Construction Response to CM Comments:

Nfrastructure-

1. Provide detailed backup, lump sum not acceptable.
[Backup Attached.](#)

Keller-

1. Why is there additional excavation for 6" waste, this is shown in the original contract documents?
[We were waiting on clarification of this area due to RFI/Bulletin. It required re-work and additional time due to construction actives/Washouts. If this issue was resolved at the time that we opened the trench, rework would not have been necessary.](#)

P&J-

1. Provide credits for deleting piping from 6" waste to FN-1 (Relocated)
[We believe it would be fair to say that 5' of pipe was deleted. At 5.74 per foot the credit would be \\$28.70.](#)

P&S Backup

17 Erie Boulevard
Albany, NY 12204-2589
TEL# (518-472-9322)
FAX# (518-472-9399)

Date 11/18/19 Number 65331380

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
COR20 PCO 23

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

Cust #	Customer Po#	Rel#	Writer	Date Req
154499	Y MUST HAVE PO		TGL	11/18/19
				PAGE 1 OF 1

Quoted By: TGL

Quantity	Description	Net Price	Exten	Ln#

10	PIPE GRY PVC 6"x20' S80 P/P6S80 (15286)	5.740	57.40	(1)
			Sub Total:	57.40
			Freight:	
			Total:	57.40

*** NUMBER OF DAYS QUOTE VALID IS 15 ***
PLEASE REFERENCE QUOTE # 65331380 FOR INQUIRIES OR ORDER OF ABOVE MATERIAL

NTI Backup.

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	Total Labor
3/4"	Conduit - LFMC Gray	3	C	96.84	0	96.84			96.84	2.91	Quoted	C	5	0.15	0.15
1"	Conduit - PVC 40 10' Lengths	100	C	42.19	0	42.19			42.19	42.19	Quoted	C	3.75	3.75	3.75
1"	Elbow 90 Degree - PVC 40	2	C	50.57	0	50.57			50.57	1.01	Quoted	C	40	0.8	0.8
1"	Coupling - PVC	2	C	13.79	0	13.79			13.79	0.28	Quoted	C	10	0.2	0.2
3/4"	Connector - Liquidtight Diecast	2	C	156.67	0	156.67			156.67	3.13	Quoted	C	18	0.36	0.36
3/4"	Bushing Insulated - Malleable 150 Degree	2	C	5.21	0	5.21			5.21	0.1	Quoted	C	4	0.08	0.08
1"	Locknut - Steel	2	C	12.62	0	12.62			12.62	0.25	Quoted	C	4	0.08	0.08
1"	Male Adapter - PVC Socket to Box	2	C	21.54	0	21.54			21.54	0.43	Quoted	C	20	0.4	0.4
	PVC Cement Standard (US Oz)	1.707	E	8.85	0	8.85			8.85	15.11	Quoted	E	0.25	0.427	0.427
3-1/8" D x 1"	4" Round Box Malleable Iron 4-Hub	1	E	46.95	0	46.95			46.95	46.95	Quoted	E	1	1	1
#10 Green	Wire THHN / T90 - Copper	118	M	139.46	0	139.46			139.46	16.46	Quoted	M	7	0.826	0.826
#8 Black	Wire THHN / T90 - Copper	236	M	225.67	0	225.67			225.67	53.26	Quoted	M	9	2.124	2.124
#16 to #10	Wire Connector Live Spring Twist-On - 600V	1	C	150.21	0	150.21			150.21	1.5	Quoted	C	0.05	0.001	0.001
#12 to #6	Wire Connector Live Spring Twist-On - 600V	2	C	541.21	0	541.21			541.21	10.82	Quoted	C	0.06	0.001	0.001
1/4-20 x 1-3/4"	Stud (Wedge) Anchor - Plated Steel	4	C	56.83	0	56.83			56.83	2.27	Quoted	C	16	0.64	0.64
30A	Safety Switch Heavy Duty Fusible 250V 3 Pole - NEMA 1	1	E	118.68	0	118.68			118.68	118.68	Quoted	E	2.2	2.2	2.2
30A	Fuse 250V Time Delay - Class RK1	3	E	3.51	0	3.51			3.51	10.53	Quoted	E	0.04	0.12	0.12
#8	Motor Termination 2-Conductor w/ Ground	1	E	8.6	0	8.6			8.6	8.6	Quoted	E	1.6	1.6	1.6
	2P 20A BREAKER INSTALL	1	E	113.31	0	113.31			113.31	113.31	Quoted	E	2	2	2
										447.79				16.759	16.759

Change Order Request

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

Date: 10/8/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 24 - PCO 024 - Bulletin 13

Description of Change: PCO 024 - Bulletin 13-

Add (1) smoke detector and (1) carbon monoxide detector in the Control Room on Grade Level, as indicated in Detail 3 on attached Drawing E-101, Rev. 8, dated 7/11/19.

Description	Scope of Work	Cost
Electrical		4,703.00
Subtotal of Costs		4,703.00

Change Order Add Ons

Fee	235.00
GL Insurance	50.00
P&P Bond	30.00

Total For Change Order Request **5,018.00**

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 13

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB13-E-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 8-29-19

Description:

Smoke & CO Detector

Information:

Add (1) smoke detector and (1) carbon monoxide detector in the Control Room on Grade Level, as indicated in Detail 3 on attached Drawing E-101, Rev. 8, dated 7/11/19.

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.

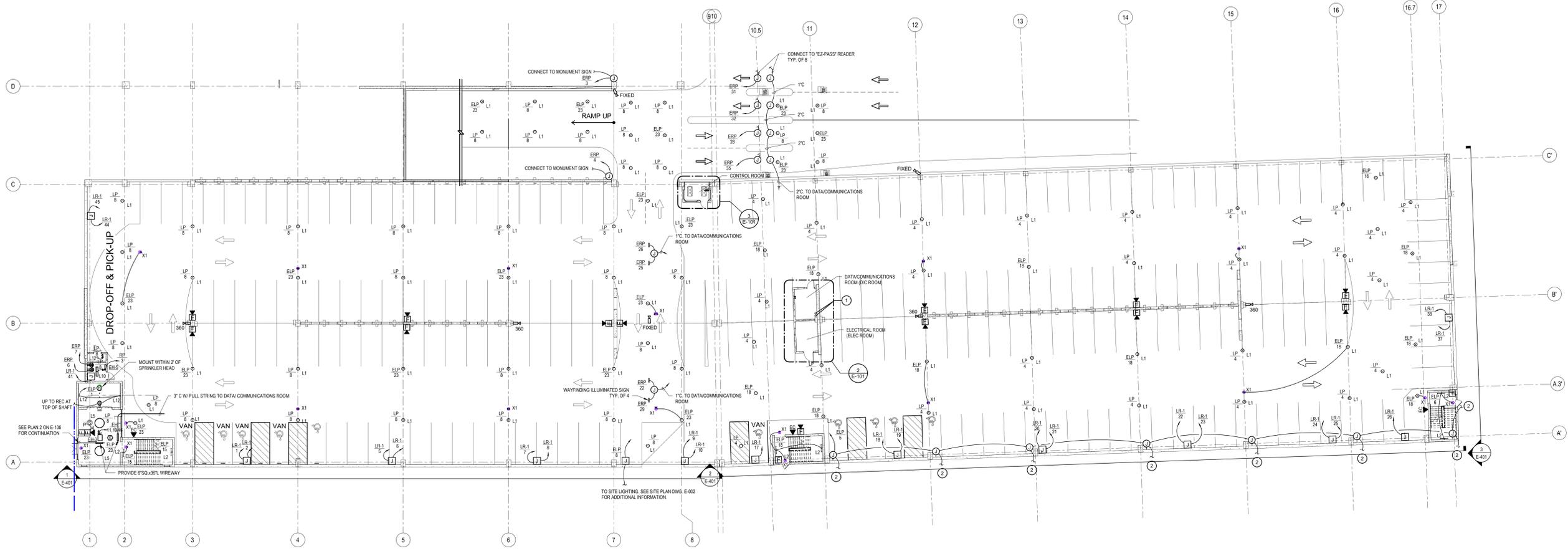
NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

Comments:

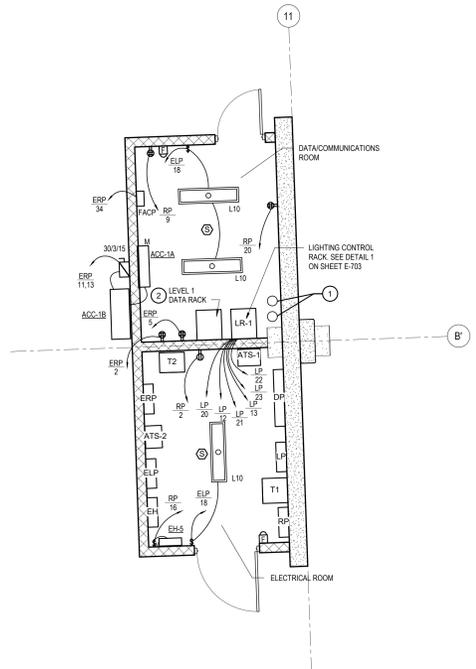
Required by Albany County Code Enforcement Officer.

Generated By: Mark Anderson, CHA

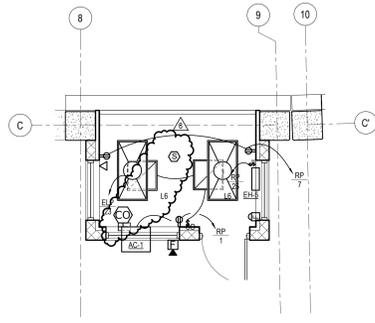
- GENERAL NOTES:
- ALL BRANCH CIRCUIT WIRING TO BE #12AWG. CONDUIT ROUTING NOT SHOWN FOR CLARITY. CONTRACTOR TO ROUTE CONDUITS PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. USE EXISTING 4" PIP SLEEVES THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.
- CODED NOTES:
- PROVIDE (2) 4" RGS CONDUITS UP TO LEVEL 4 DATA COMMUNICATIONS ROOM.
 - TO EXTERIOR WALL MOUNTED LIGHTING. SEE SITE PLAN DWG. E-002 FOR ADDITIONAL INFORMATION.
 - PROVIDE PA SYSTEM AMPLIFIER AT LAD #1042404CH IN OWNER FURNISHED RACK. WIRE ALL PA SPEAKERS TO AMPLIFIER.



1 ELECTRICAL GRADE LEVEL GARAGE PLAN
1/8" = 1'-0"



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



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



PLAN NORTH

THIS DOCUMENT IS THE PROPERTY OF CH2M HILL. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF CH2M HILL IS STRICTLY PROHIBITED.

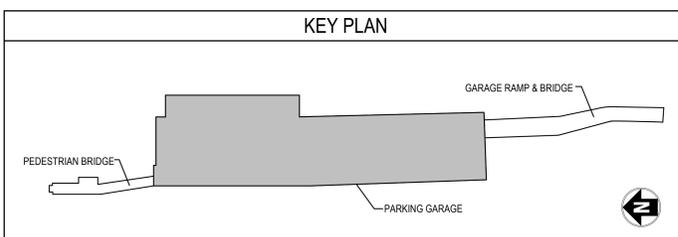
ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No.	Submit / Revision	Prepared By	Date
8	8/13/19		7/15/19
4	ADD IFC		4/8/19
3	REVISION FOR BID		3/15/19
2	ADDENDUM #3		3/8/19
1	ADDENDUM #1		3/1/19
0	ISSUED FOR BID		2/15/19

ELECTRICAL GRADE LEVEL PLAN

Designed By: MDA
 Drawn By: MDA
 Checked By: MDA
 Issue Date: 2/15/19
 Project No: 35034
 Scale: AS SHOWN

Drawing No: **E-101**



Albany County Airport Authority
Work Directive

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>33</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

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)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

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

Provide labor and materials to install the additional smoke detector and carbon monoxide detector in the Control Room on Grade Level as indicated in Detail 3 on Drawing E-101 revised on 07.11.19

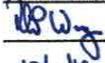
Justification:

989-GC Information Bulletin 13 [IB13-E-01] dated 08.29.19. These detectors are required by the Albany County Code Enforcement Officer

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 10/2/19

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>09/19/19</u>
Bid Package #: <u>989-GC Bulletin 03 (B3-PEC) 06/22/19</u>	PCO #: <u>PCO-004</u>
	Building/Area: <u>Parking Garage</u>

Change Order Reference Document:

RFI #: _____ Bulletin #: 13 Other: _____

Description of Change:

INSTALL 1 CO AND 1 SMOKE DETECTOR IN CONTROL ROOM ON FIRST FLOOR FED FROM ELECTRICAL ROOM ON FIRST 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:

- A - Zero / Noncritical Impact to Schedule
- B - Impact Critical, Recoverable w/ Overtime
- C - Impact Critical, Not Recoverable

Days to Complete Added Scope:	
2	
Current Contract Completion Date	Adjusted Contract Completion Date:
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

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	230	C	45.28	0	45.28			45.28	104.14	Normal	C	6	13.8
1"	Elbow 90 Degree - PVC 80 Plain End	6	C	50.57	0	50.57			50.57	3.03	Normal	C	28.8	1.728
1"	Coupling - PVC	6	C	16.59	0	16.59			16.59	1	Normal	C	0.28	0.017
1"	Connector - PVC Socket to Threaded	4	C	22.46	0	22.46			22.46	0.9	Normal	C	18	0.72
1"	Bushing - Plastic 105 Degree	4	C	106.6	20	85.28			85.28	3.41	Normal	C	0.13	0.005
1"	Locknut - Steel	4	C	16.2	0	16.2			16.2	0.65	Normal	C	4	0.16
1"	Measure Cut & Ream Labor - PVC 80	4	E								No Cost	E	0.05	0.2
	PVC Cement All-Weather (US Oz)	2	E	8.85	0	8.85			8.85	17.7	Quoted	E	0.25	0.5
FD (2-11/16) x 3/4"	Device Box 1-Gang 1-Hub Back - Malleable Iron	2	E	36.89	12	32.46			32.46	64.92	Normal	E	0.7	1.4
#18/2C Red	FPLR Cable Shielded Addressable Systems	250	M	92.43	0	92.43			92.43	23.11	Quoted	M	12	3
1"	Conduit Clamp w/ Bolt	56	C	64.14	0	64.14			64.14	35.92	Normal	C	12.5	7
1" Diam x 6" Thick	Concrete Coring - Wall	4	E								No Cost	E	1	4
	SMOKE DETECTOR	2	E		0						No Cost	E	0.85	1.7
	F/A BOX	2	E	22	0	22			22	44	Normal	E	0.65	1.3
	SIKAFLEX	4	E		0				12	48	Normal	E	1.1	4.4
										346.78				39.93



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

Johnson Controls Quotation

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

Project: AIA - Parking Gar. - Bull 13
 Customer Reference:
 Johnson Controls Reference: 101429139
 Date: 09/23/2019
 Page 1 of 5

Johnson Controls is pleased to offer for your consideration this quotation for the above project.

QUANTITY	MODEL NUMBER	DESCRIPTION
		FA System
		FA System
		Added Smoke Detector
1	4098-9714	PHOTO SENSOR
1	4098-9792	SENSOR BASE
		Added CO Detector
1	CO1224T	CO DETECTOR W/TEST
1	4090-9001	SUPERVISED IAM
1	4090-9810	BRACKET, IAM
1	4090-9807	COVER-ADDRESS MODULE SURFACE
		Technical Services - FA System
	TECH LAB	TECHNICAL SERVICE
		Professional Services - FA System
	PM LAB	PROJECT/CONSTRUCTION MGMT

Total net selling price, FOB shipping point, \$675.00

Comments

The above quotation includes 1 Smoke and 1 CO Detector.

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.

THIS QUOTATION AND ANY RESULTING CONTRACT SHALL BE SUBJECT TO THE GENERAL TERMS AND CONDITIONS ATTACHED HERETO.

Fire, Security, Communications, Sales & Service

Offices & Representatives in Principal Cities throughout North America



Project: AIA - Parking Gar. - Bull 13
Customer Reference:
Johnson Controls Reference: 101429139
Date: 09/23/2019
Page 2 of 5

Johnson Controls Quotation

Comments (continued)

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.

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 not 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 soles 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 ours 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 of 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)618-8600; 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.

IMPORTANT NOTICE TO CUSTOMER

In accepting this Proposal, Customer agrees to the terms and conditions contained herein including those on the following pages of this Agreement and any attachments or riders attached hereto that contain additional terms and conditions. It is understood that these terms and conditions shall prevail over any variation in terms and conditions on any purchase order or other document that the Customer may issue. Any changes in the system requested by the Customer after the execution of this Agreement shall be paid for by the Customer and such changes shall be authorized in writing. **ATTENTION IS DIRECTED TO THE LIMITATION OF LIABILITY, WARRANTY, INDEMNITY AND OTHER CONDITIONS ON THE FOLLOWING PAGES. This proposal shall be void if not accepted in writing within thirty (30) days from the date of the Proposal.**

<p>Offered By: Johnson Controls Fire Protection LP License#: 1399 Vischer Ferry Rd CLIFTON PARK, NY 12065-6325</p> <p>Telephone: (518) 952 6040</p> <p>Representative: _____</p>	<p>Accepted By: (Customer)</p> <p>Company: _____</p> <p>Address: _____</p> <p>Signature: _____</p> <p>Title: _____</p> <p>P.O.#: _____ Date: _____</p>
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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 24

Revision Number: 1

Construction Manager Response to Change Order: LeChase Construction Response to CM Comments: **Infrastructure-****1. Why are we core drilling? Box out masonry?**

Box outs above the Control Room are full with lighting/Fire Alarm and PARCS conduit. We will need to core any additional conduit from the deck above or come down a column, across the outside spandrel and core through the CMU at the bottom of the control booth.

Box outs above the electrical/data rooms are full/allocated to other systems. Any entrance or exits from this room will be cored through the CMU.

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 29 - PCO 037 - RFI 77 Pipe Insulation

Description of Change: This COR is for all additional work associated with the response provided in RFI 77. No Time Extension is Required.

Description	Scope of Work	Cost
Earthwork		8,960.00
	Subtotal of Costs	8,960.00
<u>Change Order Add Ons</u>		
	Fee	448.00
	GL Insurance	96.00
	P&P Bond	57.00
	Total For Change Order Request	9,561.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



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] Underground Plumbing Elevations

TO:	Philip Graziadei III (CHA - Clough Harbor)	FROM:	Zachary Johnson (LeChase Construction [989-GC])
DATE INITIATED:	05/30/2019		229 Harborside Drive, Suite #301
LOCATION:	Parking Garage		Schenectady, New York 12305
PROJECT STAGE:	Pre-Construction	STATUS:	Closed
SUB JOB:		DUE DATE:	06/01/2019
COST IMPACT:	TBD	COST CODE:	
DRAWING NUMBER:		SCHEDULE IMPACT:	TBD
LINKED DRAWINGS:	P-101	SPEC SECTION:	221316 [989-GC] - Drainage and Vent 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), Luke Thompson, PE (Creighton Manning), Howard Unger, PE (Parsons)

Question from Zachary Johnson (LeChase Construction [989-GC]) at 09:16 AM on 05/29/2019

Please review the attached preliminary / draft shop drawings (mostly P-101 & P-102)... I've made some significant changes to the design and would like to see if the engineer will buy into this altered concept. If the engineer is in agreement with the altered design we will continue with these and finalize our detailing and coordinate with the electrical contractor.

RFI- The original design of 1/4" per foot is not attainable based on the defined invert of the piping when it leaves the building (263.82 feet) times the length of the run (approx. 380') = approx. 8' of rise to get the pitch. That would leave us with the pipe exposed about 2' above grade (based on grade being 270'). With the 1/8" per foot pitch we are able to keep the piping below the slab but are not able to meet 3'6" minimum below the slab.... The way I see it there two, possibly three options:

1. Add another drain line leaving the building so the run is shorter which will equal less pitch.
2. Install pipe at less than 1/8" per foot slope to maintain the 3'6" minimum (approx.. 1/16" per foot).
3. Put some sort of freeze protection around the piping that is less than 3'6" below grade and keep 1/8" per foot slope.

Attachments:

[RFI 061- Underground Plumbing Elevations.pdf](#)

Official Response: Philip Graziadei III (CHA - Clough Harbor) responded on Friday, June 7th, 2019 at 4:13PM EDT

Install below slab drainage piping at 1/8" per foot slope from start to reach the 263.82 foot invert. For all below slab drainage piping that is shallower than 3'-6" below finished floor elevation to the top of pipe shall be covered in 2" rigid foam board insulation. See attached below grade drainage piping insulation detail.

Attachments:

[P-DTL-35034-Rigid Insulation Over Below Grade Piping Model.pdf](#)

BY _____

DATE _____

COPIES TO _____

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
 Change Order Source: RFI 077
 Approx. 216 LF between 3 and 5.5 line for underground storm plumbing within garage

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	Labor Costs			Total	Start	Finish	
														Straight Time	EO Time & 1/2	EO Double Time				
	Added rigid insulation over shallow underground plumbing	Foreman								20	0	0	\$ 82.09	\$ 108.92	\$ 135.73	\$	1,641.80			
		Operator								20	0	0	\$ 79.75	\$ 105.42	\$ 131.10	\$	1,595.00			
		Laborer									20	0	0	\$ 61.41	\$ 79.64	\$ 97.89	\$	1,228.20		
		Laborer									20	0	0	\$ 61.41	\$ 79.64	\$ 97.89	\$	1,228.20		
		Case Mini Ex	20	HR	\$ 45.00	\$ 900.00														
		Rigid insulation	43	EA	\$ 34.94	\$ 1,502.42														
		Misc. material	1	LS	\$ 50.00	\$ 50.00														
																			\$0.00	
		Net Subtotals:				\$2,452.42														
		Net Subtotals:								\$0.00	80	0	0	\$0.00	373.62	462.61		\$5,693.20		
		Total SGA & OH+P				\$245.24	10.00%			\$0.00	10.00%							\$569.32	10.00%	
		Tax (if applicable)				\$0.00				\$0.00								\$0.00		
		Total				\$2,697.66				\$0.00								\$6,262.52		
		Total Labor:																\$6,262.52		
		Total Materials, Subcontract & Labor, & OH+P:																\$8,960.18		

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 29

Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

Please note: A sign work directive was received from Turner to perform this work, with an associated cost of \$10,000 dollars. This was not included in the original COR package. We fell below the original ROM on this change.

Keller-

1. Provide drawing indication locations of pipe receiving insulation.
[See attached drawing for reference.](#)
2. What is the excavator for?
[The excavator had additional time backfilling around these areas, the insulation is delicate and we were not able to backfill as quickly as a regular trench.](#)

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>21</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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input type="checkbox"/> Information Bulletin |

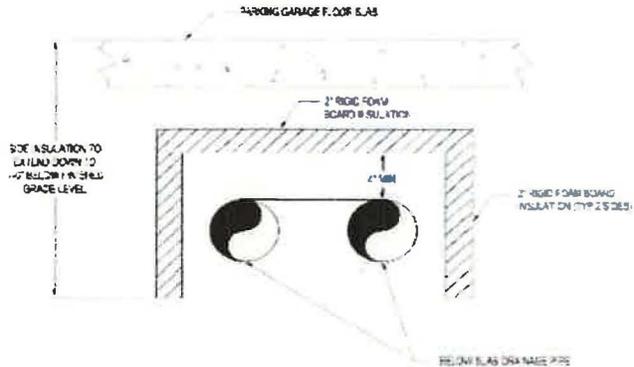
Adjustment to Contract Sum (indicate if zero cost)
 Add: \$10,000.00 Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|-------------------|
| <input checked="" type="checkbox"/> No Change | ___ Days Added |
| | ___ Days Deducted |

- Cost Basis** (check all that apply)
- | | |
|--|---|
| <input type="checkbox"/> Time & Material Not to Exceed | <input checked="" type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

Your company is authorized and directed to proceed with the following (attach additional sheets if needed):
 Provide 2' rigid foam for all below grade slab drainage piping that is shallower than 3'-6" below finished floor elevation.



Justification:

Slope of the drainage pipe was change from 1/4" per foot to 1/8" per foot to meet the defined invert elevations (refer to RFI-77)

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

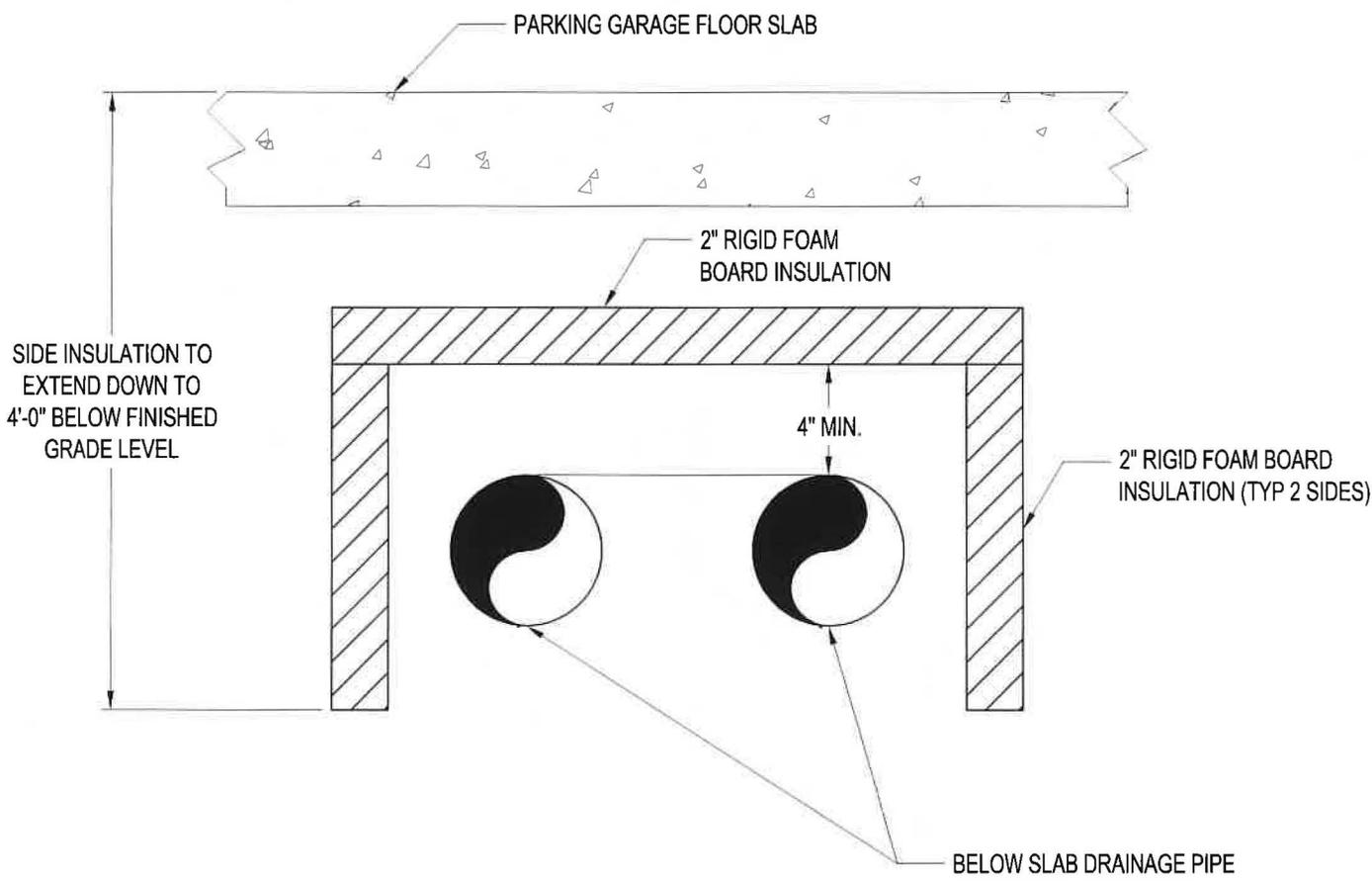
Construction Manger Recommendation

Name Robert Wagner
 Signature [Signature]
 Date 04/18/19

Contracting Authorly Approval

Name John LaClair, PE
 Signature [Signature]
 Date _____

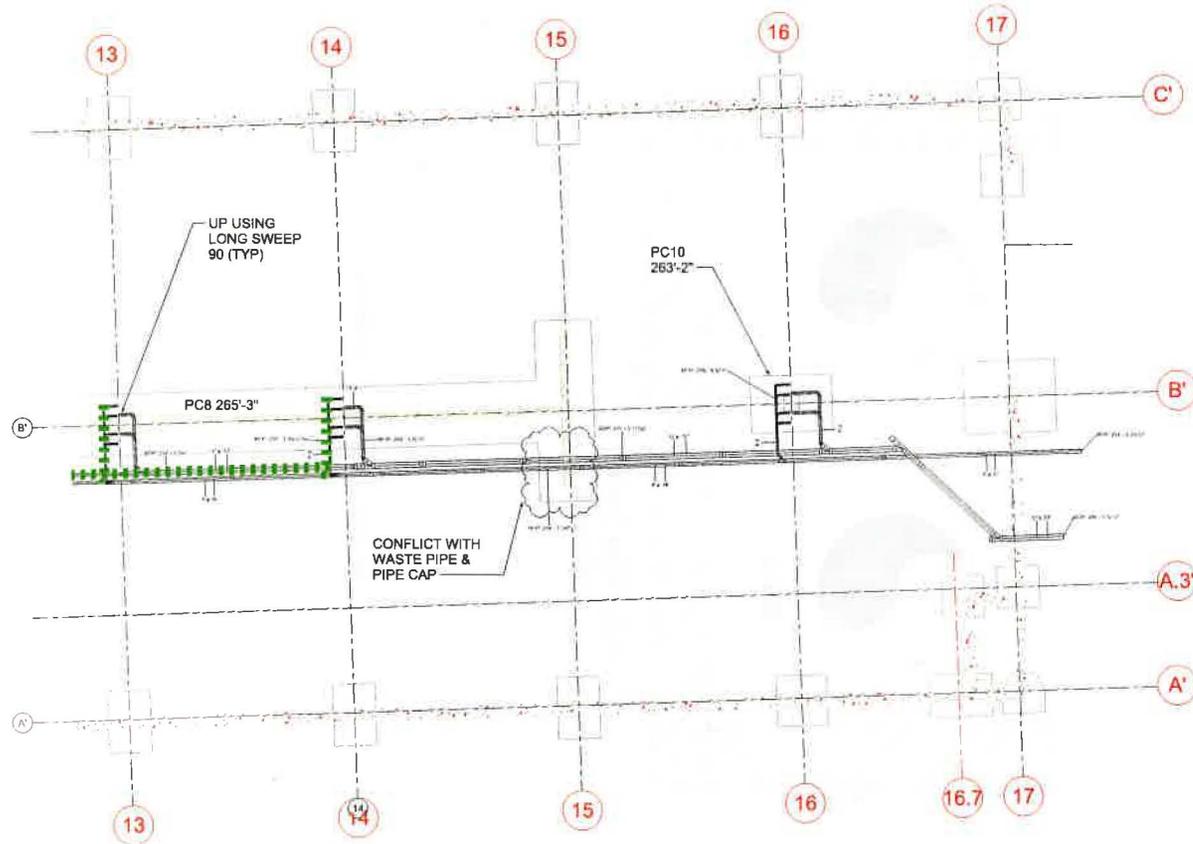
Save: 6/7/2019 4:09:55 PM Plotted: 6/7/2019 4:10:09 PM Current User: Grazzadel III, Philip LostSavedBy: 3909



NOTE:
 PITCH DRAINAGE PIPING AT 1/8" PER FOOT SLOPE. ALL BELOW SLAB DRAINAGE PIPING THAT IS SHALLOWER THAN 3'-6" BELOW FINISHED FLOOR ELEVATION TO TOP OF PIPE IS TO USE THIS RIGID FOAM INSULATION COVER DETAIL

Drawing Copyright © 2019  111 Winners Circle, PO Box 5269 Albany, NY 12205-0269 518.453.4500 • www.chacompanies.com	 Capital Region Gateway	ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION	PROJECT No.: 35034
		DRAWING NAME:	DATE: 6/7/2019
		RFI # 77 - BELOW GRADE DRAINAGE PIPING INSULATION DETAIL	DRAWING No.: PLUMBING SKETCH

NOTES:

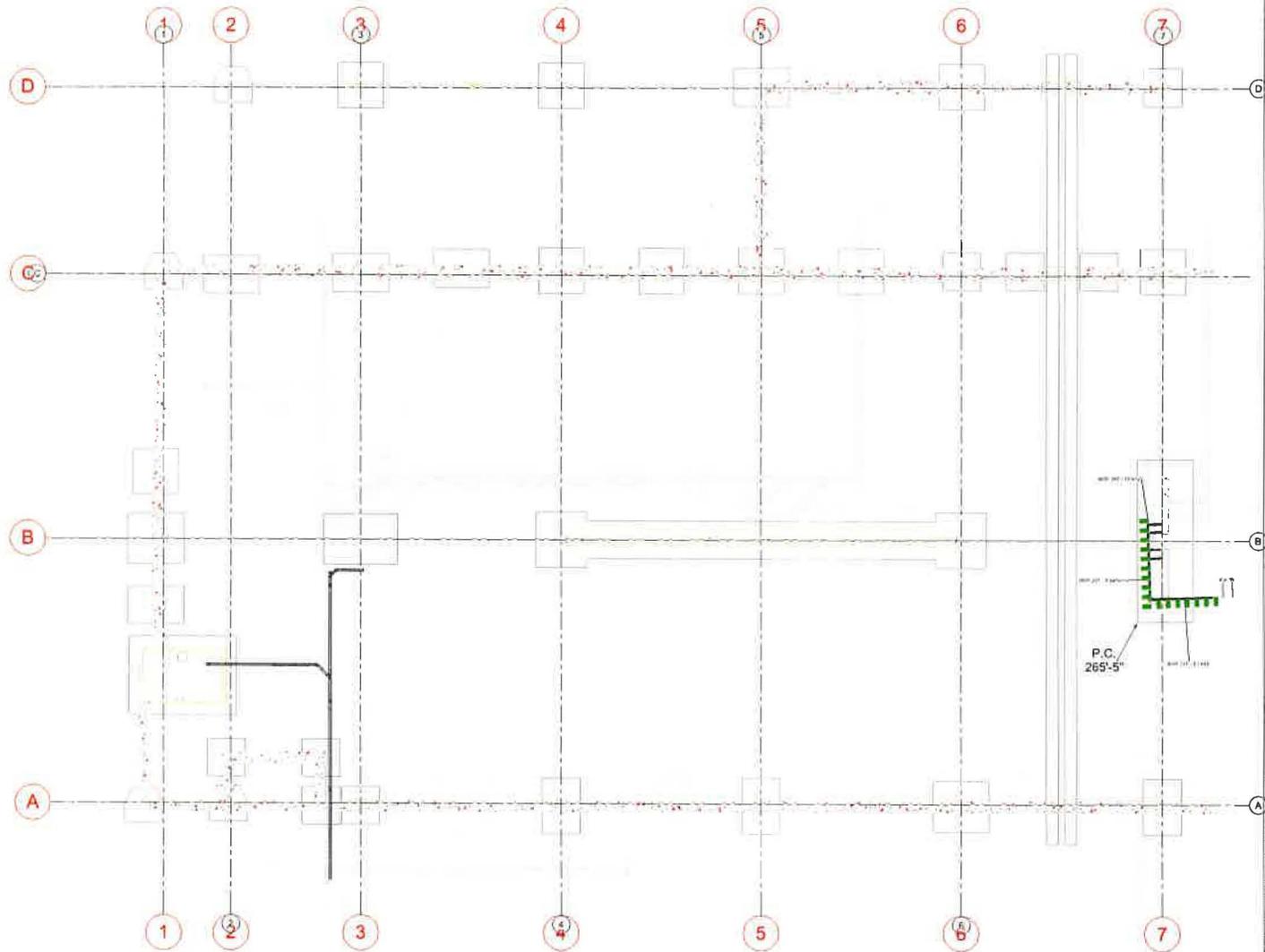


SHOP DRAWING REVISIONS

NO.	DATE	COORDINATE LOCATION	DESCRIPTION
	Date 1		1

J NAME: ALBANY AIRPORT PARKING GARAGE
O LOCATION: ALBANY NY
B TITLE: UNDERSLAB SOUTH
 DRAWN BY: JG PROJ. MGR.: JG
 SCALE: 1/8" = 1'-0" DWG NO.: P-101
 JOB NO.: 052392
 DATE: 09/24/19

NOTES:



SHOP DRAWING REVISIONS

NO	DATE	COORDINATE LOCATION	DESCRIPTION

J NAME: ALBANY AIRPORT PARKING GARAGE
 O LOCATION: ALBANY NY
 B TITLE: UNDERSLAB NORTH

DRAWN BY: JG PROJ. MGR.: JG
 SCALE: 1/8" = 1'-0" DWG NO.: P-103
 JOB NO.: 052392
 DATE: 05/24/19

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 33 - PCO 020 - Bulletin 9

Description of Change: This COR is for all additional work associated with Bulletin 9. No Time Extension Required.

Description	Scope of Work	Cost
Structural Steel		2,235.00
	Subtotal of Costs	2,235.00
<u>Change Order Add Ons</u>		
	Fee	112.00
	GL Insurance	24.00
	P&P Bond	14.00
	Total For Change Order Request	2,385.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 9

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB9-A-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 7-23-19

Description:

Elevator Revisions – Additional Roof Beam For Tube Steel Support

Information:

PB-S-101 – Add back roof beam for elevator tube steel support. See attached drawing.

IB Status:

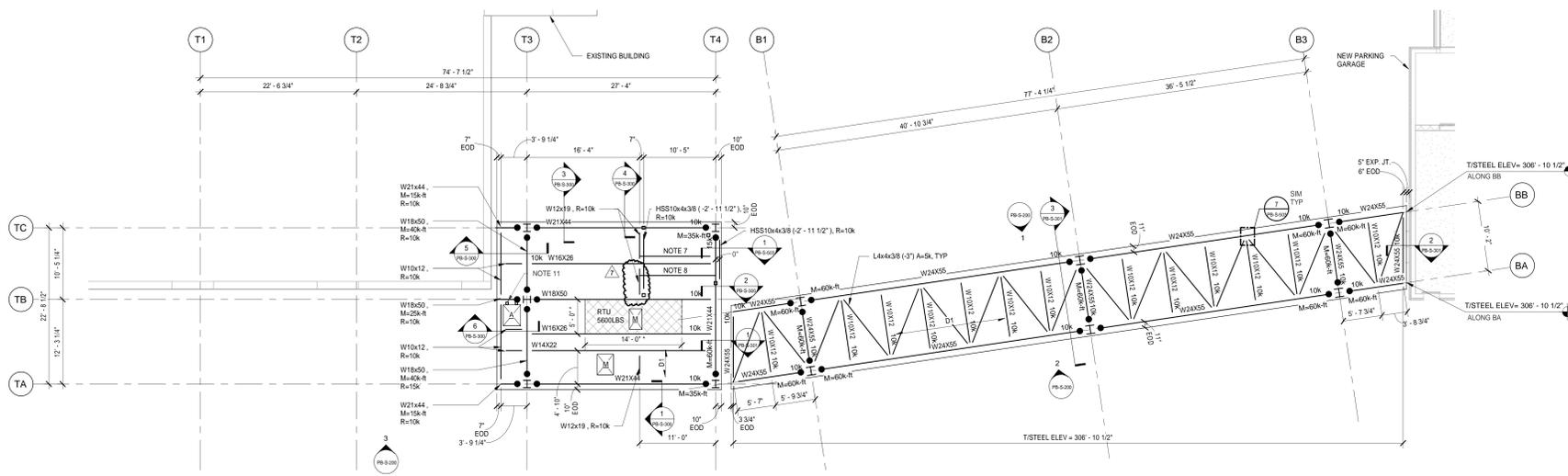
CLARIFICATION - This serves as a clarification to the Contract Documents. Contractor to proceed with this work. No Cost and/or Schedule Impact.

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:

Generated By: Cody Messier / Bergmann

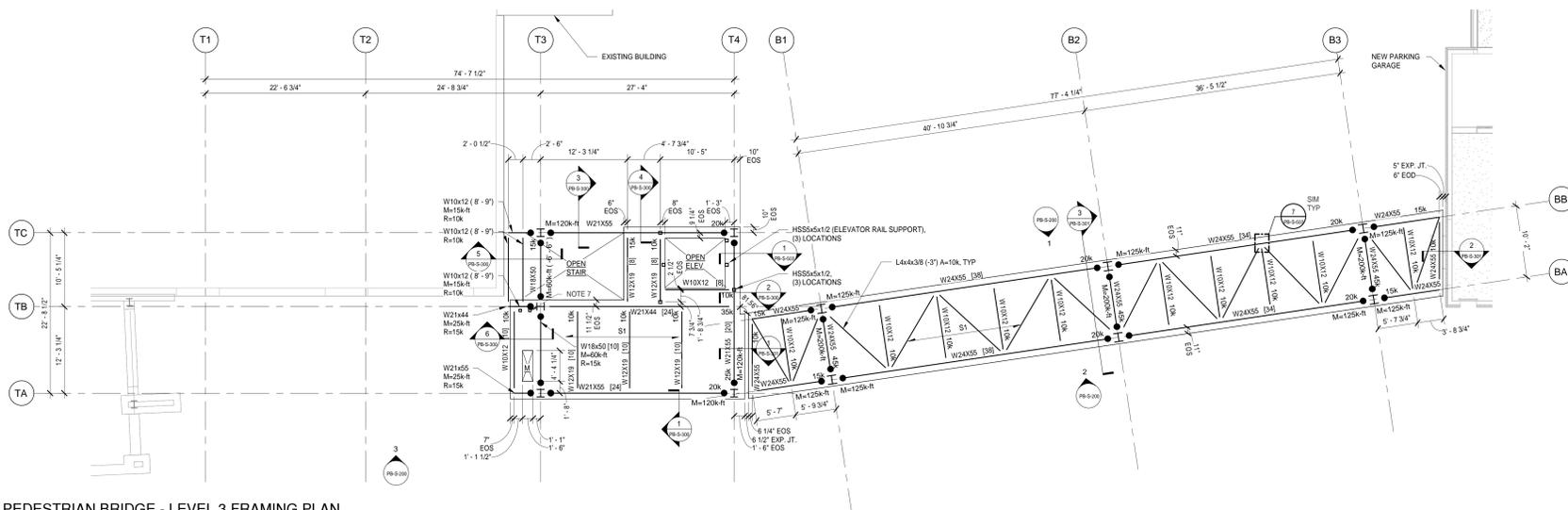


ROOF PLAN NOTES

- 1. BOTTOM OF STEEL DECK ELEVATION IS 309'-6" UNLESS OTHERWISE NOTED.
- 2. TOP OF STRUCTURAL STEEL ELEVATION IS 309'-6" UNLESS OTHERWISE NOTED. (1- OR -) ELEVATION IS REFERENCE FROM THIS STRUCTURAL STEEL ELEVATION.
- 3. (1- OR -) INDICATES SPAN DIRECTION OF 1/2" TYPE B STEEL ROOF DECK, 20 GAUGE, GALVANIZED (G90).
- 4. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS OTHERWISE NOTED. REFERENCE 15PB-S-502 FOR FRAMING AROUND OPENINGS IN STEEL ROOF DECK.
- 5. ALL BRIDGE FRAMING CONNECTIONS TO BE DESIGNED FOR AXIAL LOAD A=+OK UNLESS OTHERWISE NOTED.
- 6. W/ROOST BEAM PER ELEVATOR MANUFACTURER, BEAM END SHEAR REACTION, R=OK.
- 7. HSS6x4x3/8 LADDER SUPPORTS, REFER TO 2PB-S-503.
- 8. NOTIFY ENGINEER IF ACTUAL WEIGHTS AND DIMENSIONS OF RTU ARE DIFFERENT.
- 9. (1) INDICATES DIMENSION WHICH REQUIRES COORDINATION WITH RESPECTIVE CONTRACTOR OR MANUFACTURER.
- 10. (2) HSS6x4x3/8 LADDER SUPPORTS, REFER TO 2PB-S-503.
- 11. (2) HSS6x4x3/8 LADDER SUPPORTS, REFER TO 2PB-S-503.

3 PEDESTRIAN BRIDGE - ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

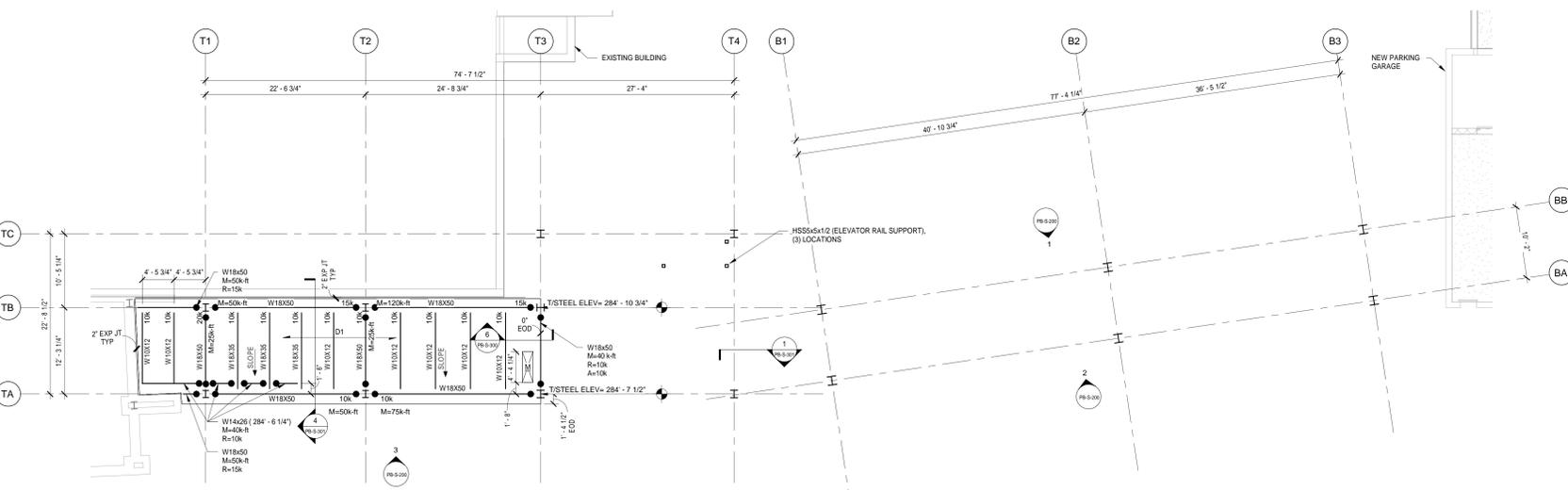


LEVEL 3 PLAN NOTES

- 1. TOP OF SLAB ELEVATION IS 294'-0" UNLESS OTHERWISE NOTED.
- 2. TOP OF STRUCTURAL STEEL ELEVATION IS 293'-11 1/2" UNLESS OTHERWISE NOTED. (1- OR -) ELEVATION IS REFERENCE FROM THIS STRUCTURAL STEEL ELEVATION.
- 3. (1- OR -) INDICATES SPAN DIRECTION OF 1/2" TYPE B STEEL ROOF DECK, 20 GAUGE, GALVANIZED (G60) COMPOSITE STEEL DECK. REINFORCE WITH #6@W2.9/W2.9 WELDED WIRE REINFORCEMENT.
- 4. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS OTHERWISE NOTED. REFERENCE 15PB-S-502 & 15PB-S-502 FOR FRAMING AROUND OPENINGS IN COMPOSITE SLABS.
- 5. ALL BRIDGE FRAMING CONNECTIONS TO BE DESIGNED FOR AXIAL LOAD A=+OK UNLESS OTHERWISE NOTED.
- 6. W/ROOST BEAM PER ELEVATOR MANUFACTURER, BEAM END SHEAR REACTION, R=OK.
- 7. (2) HSS6x4x3/8 LADDER SUPPORTS, REFER TO 2PB-S-503.
- 8. ALL BRIDGE FRAMING MEMBERS SHALL RECEIVE JUSTUS UNLESS OTHERWISE NOTED.

2 PEDESTRIAN BRIDGE - LEVEL 3 FRAMING PLAN

SCALE: 1/8" = 1'-0"



LOW ROOF PLAN NOTES

- 1. TOP OF STRUCTURAL STEEL ELEVATION IS INDICATED PER PLAN.
- 2. (1- OR -) INDICATES SPAN DIRECTION OF 1/2" TYPE B STEEL ROOF DECK, 20 GAUGE, GALVANIZED (G90).
- 3. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS OTHERWISE NOTED.
- 4. REFERENCE 15PB-S-502 FOR FRAMING AROUND OPENINGS IN STEEL ROOF DECK.

1 PEDESTRIAN BRIDGE - LOW ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"



PLAN NORTH



ALBANY INTERNATIONAL
AIRPORT PARKING
GARAGE GENERAL
CONSTRUCTION

Table with 4 columns: No., Submittal, Revision, PRR, By, Date

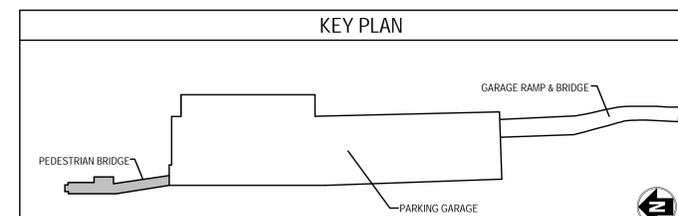
Table with 4 columns: No., Description, Date, Status

PEDESTRIAN BRIDGE
LEVEL 3 & ROOF FRAMING
PLANS

Table with 4 columns: Designed By, Drawn By, Checked By, Issue Date, Project No., Scale

Drawing No:

PB-S-101



Control file: Update this file with Control file location. Saved: 7/23/2019 2:15:50 PM. Current local file: C:\Users\pjohnson\OneDrive\Documents\CERTIFICAL2019_0828.dwg

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>29</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

Adjustment to Contract Sum (Indicate if zero cost)

Add: \$ TBD Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|-------------------|
| <input checked="" type="checkbox"/> No Change | ___ Days Added |
| | ___ Days Deducted |

Cost Basis (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Time & Material Not to Exceed | <input checked="" type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

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

Please provide labor and materials to install the additional roof beam for Tube Steel Support per drawing PB-S-101 (detail 3) revised on 07.23.19

Justification:

989-GC Information Bulletin 09 [IB9-A-01] dated 07.23.19

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 10/1/19

Contracting Authority Approval

Name John LaClay PE
 Signature 
 Date _____

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: August 22, 2019
Rev 1: 09/24/2019

ATTN: Zachary Johnson

STS Job # 1903

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

C.C.N. #1903-07 R1

CONTRACT CHANGE NOTICE # 07 Rev 1

Description: 989-GC Bulletin 09 [IB9-A-01] adds W12x19 framing piece adjacent to the elevator tower. Requires new piece mark drawing and revision to erection drawings. Shop time to make new piece and connection angles. Due to the late nature of this change, connecting members are already fabricated which requires these pieces to be modified in the field to accept the new W12x19 framing. STS Steel not responsible for any delay in schedule due to this change.

Material (165 lbs @ \$0.65/lb)	\$ 107.00
Shop Labor (6 hrs @ \$75/hr)	\$ 450.00
Delivery (2 hrs @ \$120/hr)	\$ 240.00
Detailing	\$ 225.00
Subtotal	\$ 1,022.00
15% OH&P	\$ 153.00
STS Add	\$ 1,175.00
Erection (American Iron & Crane)	\$ 1,010.00
5% Profit	\$ 51.00
SUB Add	\$ 1,061.00

Subtotal \$2,032

10% OH & P \$203

Total \$2,235

The cost to provide labor and materials for the scope of work above is:

TWO THOUSAND TWO HUNDRED THIRTY SIX DOLLARS ~~[\$2,236.00]~~

\$2,235

STS Steel, Inc.
Date: 09/24/2019
CCN # 1903-07 R1

Documents:

989-GC Bulletin 09 [IB9-A-01] dated 07/23/2019

We are not proceeding with this change. Please issue a change order as soon as possible.

Submitted By:



Jeremy Krupa - PM

An Affirmative Action-Equal Opportunity Employer

Change Order Request

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

Date: 10/14/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 37 - PCO 021 - Bulletin 10

Description of Change: This COR is for all additional work as directed in Bulletin 10.

No Extension Time Extension Required.

Description	Scope of Work	Cost
Structural Steel	CCN 1903-06	5,000.00
	Subtotal of Costs	5,000.00
Change Order Add Ons		
	Fee	250.00
	GL Insurance	53.00
	P&P Bond	32.00
	Total For Change Order Request	5,335.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 10

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB10-A-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 7-31-19

Description:

Drawings revised to coordinate with field coordinates.

Information:

- PB-S-001 – Revised control point off of parking garage.
- PB-S-101 – Revised pedestrian bridge framing dimensions at parking garage.
- PB-A-101 – Revised storefront opening to work with new steel framing.
- PB-A-601 – Revised storefront opening to work with new steel framing.

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:

Drawings noted above are attached.

Generated By: Amy Signor, Cody Messier / Bergmann

- PLAN KEYED NOTES:**
1. REMOVE EXISTING ARTWORK AND PLACE IN STORAGE OR RELOCATE IN COORDINATION WITH THE AIRPORT ART DIRECTOR PRIOR TO START OF WORK IN VESTIBULE.
 2. PROVIDE NEW OPENING IN EXISTING BRICK WALL FOR INSTALLATION OF SLIDING DOORS. PATCH AND REPAIR GYPSUM BOARD ON VESTIBULE SIDE OF OPENING TO MATCH EXISTING.
 3. PROVIDE 1/2" FIRE RETARDANT PLYWOOD OVER GYPSUM BOARD FROM 2'-0" AFF TO 6'-0" AFF. COORDINATE LOCATION WITH ELECTRICAL AND MECHANICAL LAYOUT.
 4. PARCS EQUIPMENT - UNDER SEPERATE CONTRACT.



DESMAN

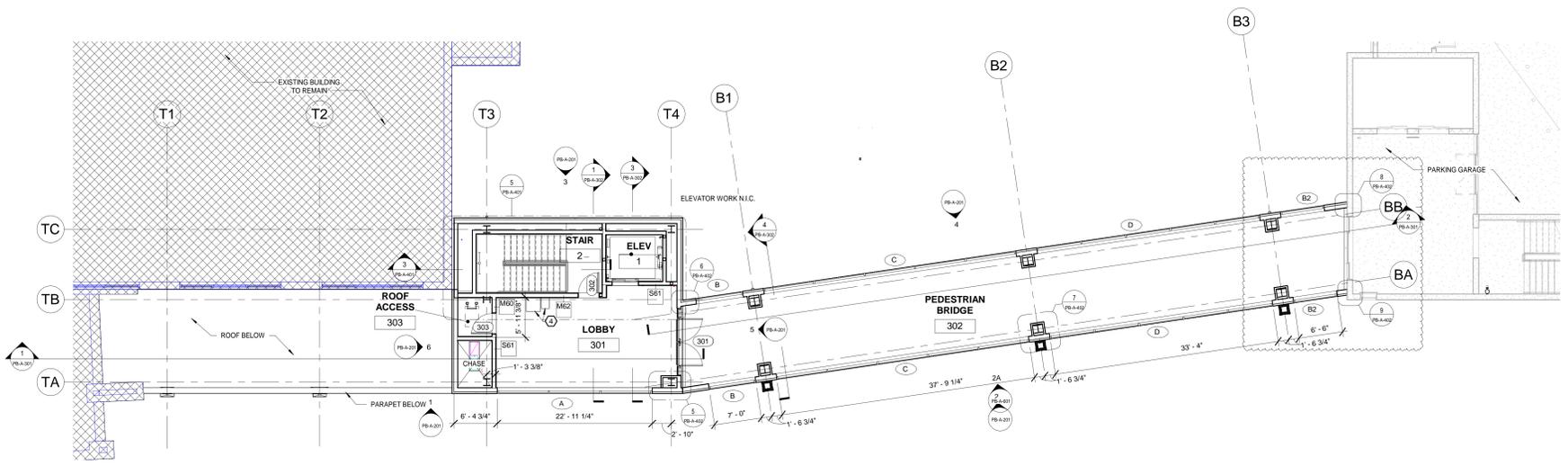
 Design Management



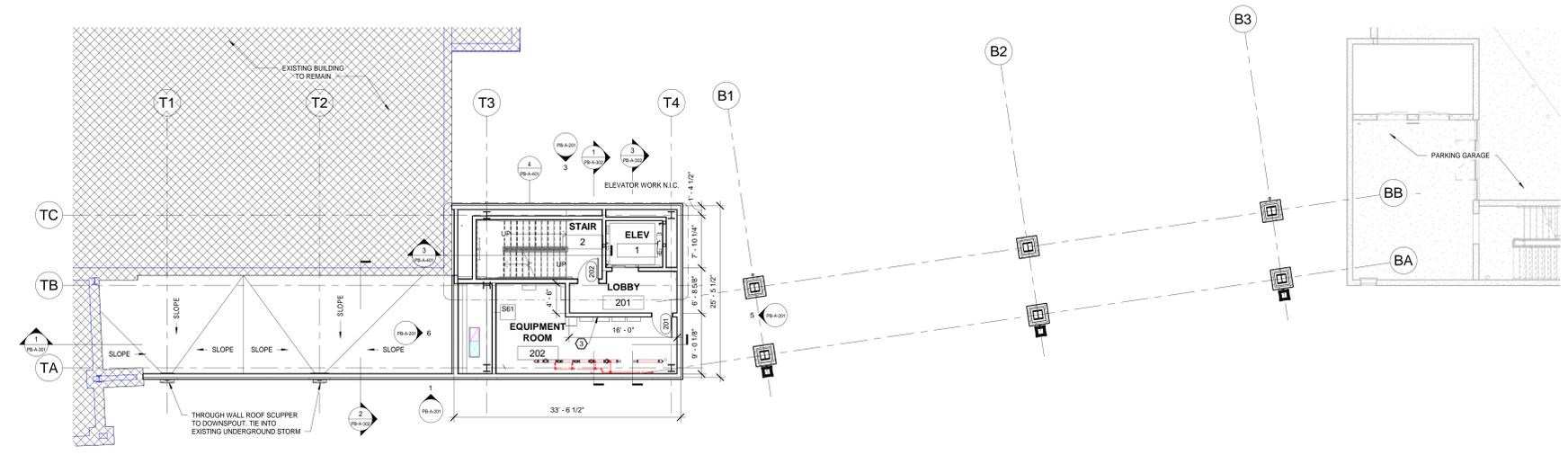
Albany International Airport

 Capital Region Gateway

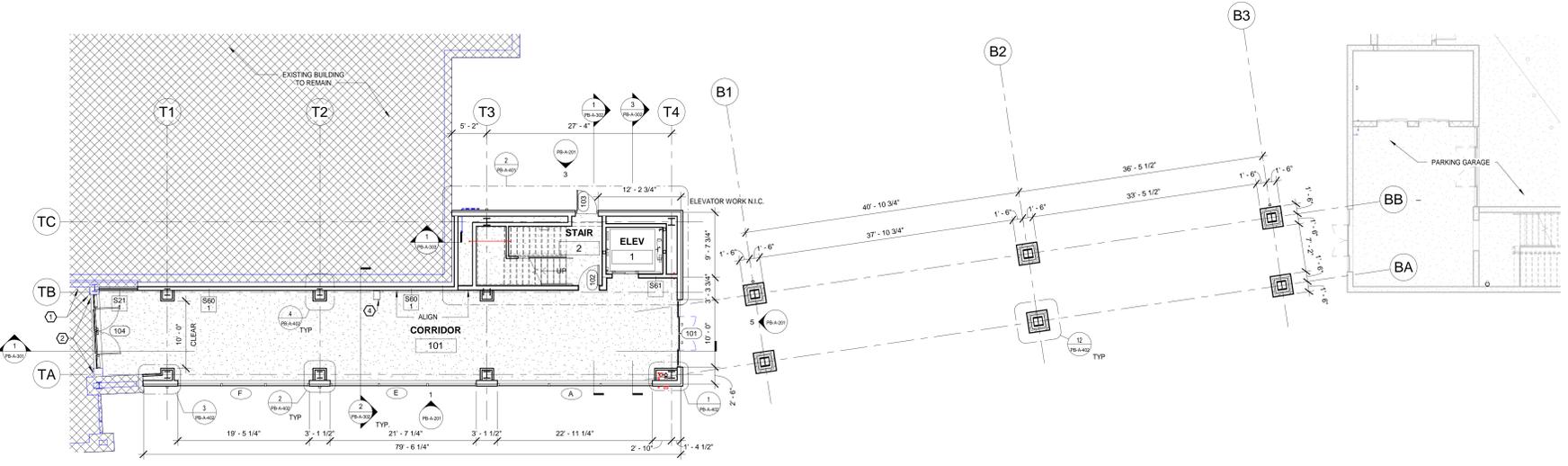
 ALBANY COUNTY AIRPORT AUTHORITY



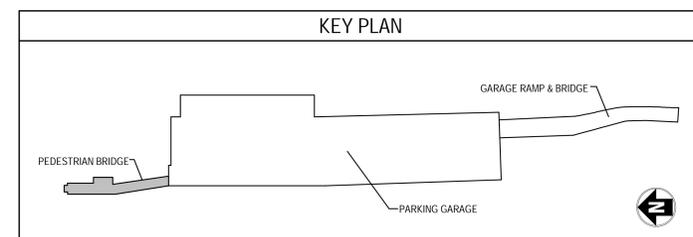
3 PEDESTRIAN BRIDGE PLAN - LEVEL 3
SCALE: 1/8" = 1'-0"



2 PEDESTRIAN BRIDGE PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"



1 PEDESTRIAN BRIDGE PLAN - TERMINAL LEVEL
SCALE: 1/8" = 1'-0"



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ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

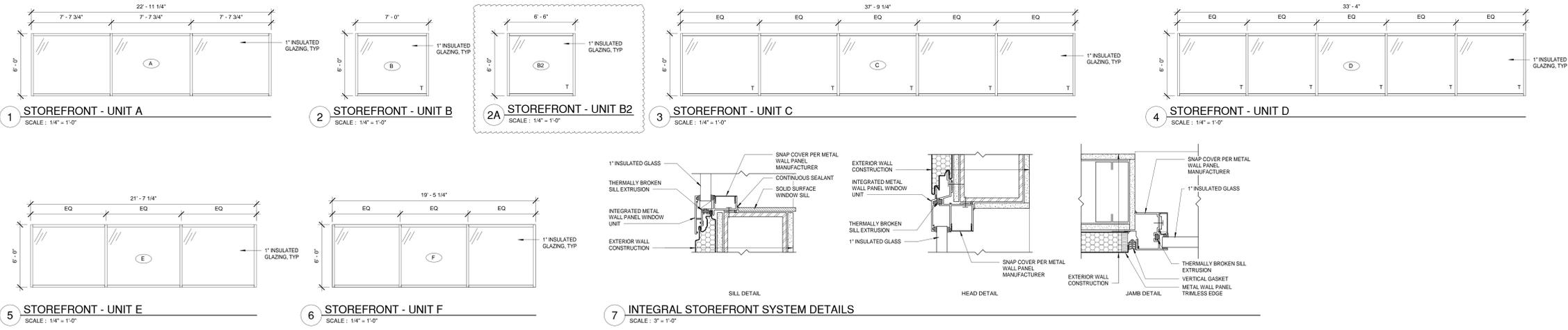
No.	Submitter / Revision	PREP'D BY	Date
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5	1819A-01		7/11/19
3	ISSUED FOR BID		3/15/19
0	ISSUED FOR BID		2/15/19

PEDESTRIAN BRIDGE FLOOR PLANS

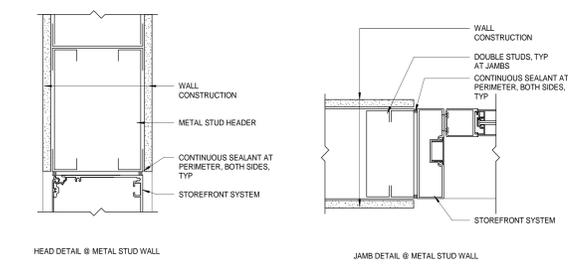
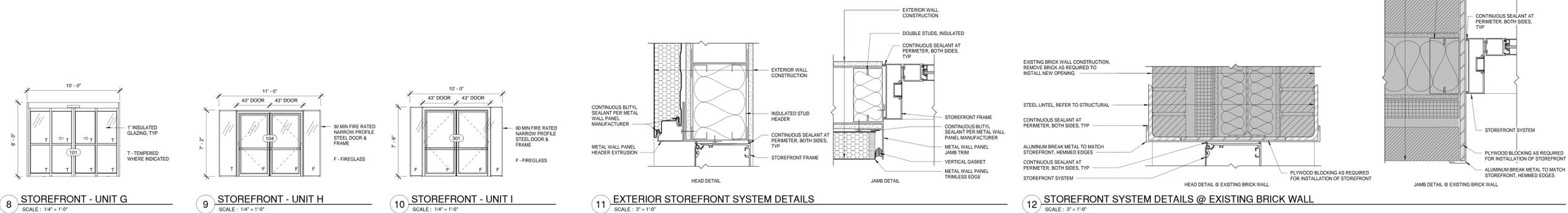
Designed By:	Drawn By:	Checked By:
ASIS	ASIS	ASIS
Issue Date:	Project No:	Scale:
2/15/19	30034	AS SHOWN

Drawing No: **PB-A-101**

INTEGRAL STOREFRONT SYSTEMS

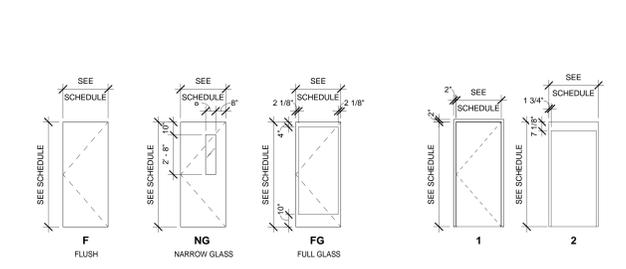


STOREFRONT SYSTEMS

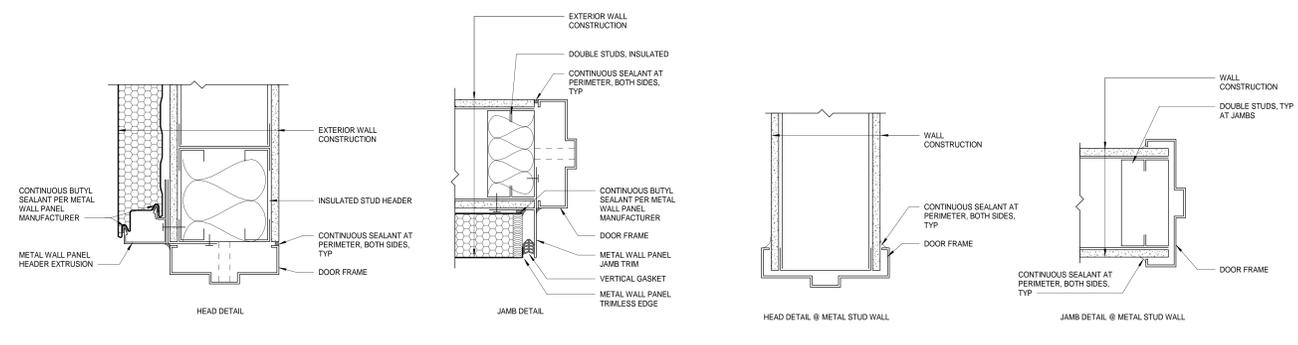


13 STOREFRONT SYSTEM DETAILS @ METAL STUD WALL
SCALE: 3" = 1'-0"

DOOR AND FRAME TYPES



14 DOOR PANEL TYPES SCALE: 1/4" = 1'-0"
15 FRAME TYPES SCALE: 1/4" = 1'-0"



16 EXTERIOR DOOR DETAILS SCALE: 3" = 1'-0"
17 INTERIOR DOOR DETAILS SCALE: 3" = 1'-0"

Door Schedule										
Door Number	Width	Height	Door Panel Type	Door Material	Frame Detail	Frame Type	Frame Material	Fire Rating	Hardware Group	Comments
101	10' - 0"	8' - 0"	FG		11/PB-A-601	2	HM - PT	90 MINUTE	PER OWNER	MATCH ADJACENT EXISTING
102	3' - 0"	7' - 0"	NG		17/PB-A-601	1	HM - PT	45 MINUTE	01	
103	3' - 0"	7' - 0"	F	HM - PT	16/PB-A-601	1	HM - PT	45 MINUTE	01	
201	3' - 0"	7' - 0"	F	HM - PT	17/PB-A-601	1	HM - PT	45 MINUTE	02	
202	3' - 0"	7' - 0"	NG	HM - PT	17/PB-A-601	1	HM - PT	90 MINUTE	01	
302	3' - 0"	7' - 0"	NG	HM - PT	17/PB-A-601	1	HM - PT	90 MINUTE	01	
303	3' - 0"	7' - 0"	F	HM - PT	17/PB-A-601	1	HM - PT	02		

DOOR HARDWARE INDICATED AS "PER OWNER" SHALL BE COORDINATED WITH THE AIRPORT TO MATCH EXISTING ADJACENT SLIDING DOOR HARDWARE
DOOR 104 & 301 TO BE TYP (OR EQUAL) 90 MINUTE FIRE RATED STOREFRONT SYSTEM WITH HARDWARE BY TYP.

CH2M HILL
DESIGN MANAGEMENT
BERGMANN
ARCHITECTS ENGINEERS PLANNERS
Albany International Airport
Capital Region Gateway
ALBANY COUNTY AIRPORT AUTHORITY



ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

4	@10-A-01		3/31/19
5	@14-A-01		3/15/19
3	ISSUED FOR BID		3/15/19
2	APPROVED FOR		3/8/19
0	ISSUED FOR BID		2/15/19

DESIGNED BY: TGR
DRAWN BY: SJK
CHECKED BY: SJK
ISSUE DATE: 2/15/19
PROJECT NO: 35034
SCALE: AS SHOWN

Drawing No: PB-A-601

Control File: Update this text with Control File location.
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STRUCTURAL LOADS

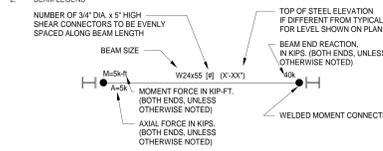
Table with 2 columns: Load Type and Value. Includes Dead Loads (Roof, Floor, Live Loads), Snow Loads, and Wind Loads.

Table with 2 columns: Component and Value. Lists components like Roof Deck, Floor Slab, and Wall, with their respective values.

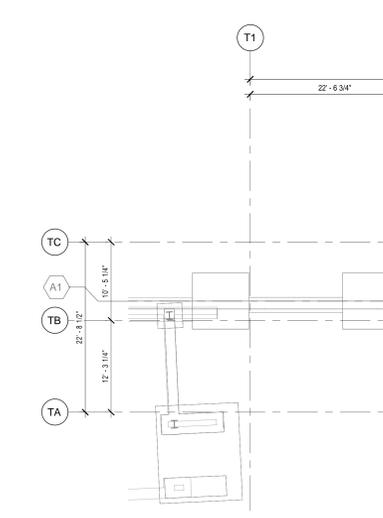
Table with 2 columns: Seismic Design Category and Value. Lists seismic design categories and their corresponding values.

- GENERAL NOTES: 1. STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE. 2. EXAMINE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF CHASES, OPENINGS, INSERTS, SLEEVES, DRIPS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

MISCELLANEOUS NOTES



GRID DIMENSION PLAN



FOUNDATION NOTES

- 1. FOUNDATION DESIGN BASED ON GEOTECHNICAL REPORT DATED DECEMBER 2018 AND ADDENDA PREPARED BY CHA. REFER TO THIS REPORT FOR ALL PROJECT REQUIREMENTS PERTAINING TO EARTHWORK, INCLUDING BUT NOT LIMITED TO, EXCAVATION, BACKFILLING, COMPACTION, AND MATERIALS. REFER TO THE CIVIL DRAWINGS FOR DETAILED INFORMATION REGARDING THE EXTENT AND LIMITS OF EXCAVATION WORK.

CAST-IN-PLACE CONCRETE NOTES

- 1. CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 318-2014". 2. CONCRETE SHALL BE CONTROLLED CONCRETE, PROPORTIONED, MIXED AND PLACED IN THE PRESENCE OF A REPRESENTATIVE OF AN APPROVED TESTING AGENCY.

CONCRETE REINFORCEMENT NOTES

- 1. DETAILING, FABRICATION AND INSTALLATION OF REINFORCEMENT SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-2014)", "ACI DETAILING MANUAL - 2004 (S9-66)", "CRSI MANUAL OF STANDARD PRACTICE, 28th EDITION". 2. STEEL REINFORCEMENT, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING: BARS, TIES, AND STRIPPERS: ASTM A618 (GRADE 60 WELDED STRIP 70,000 PSI)

STRUCTURAL STEEL NOTES

- 1. STRUCTURAL STEEL WORK SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL BUILDINGS", THE AISC CODE OF STANDARD PRACTICE AND ALL LOCAL LAWS AND ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT SHALL APPLY.

STEEL DECK NOTES

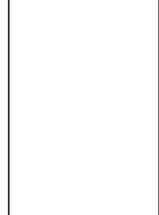
- 1. REFER TO DIVISION 05100 SPECIFICATION SECTION, STEEL DECK, FOR REQUIREMENTS IN ADDITION TO THOSE LISTED BELOW.

ABBREVIATIONS

Table of abbreviations and their meanings, including terms like ARCHITECTURAL OPENING, ADJUTANT, ABOVE FINISHED FLOOR, etc.

Logos for CHA, DESMAN Design Management, BERGMANN BERGMANN BERGMANN, and Albany International Airport Capital Region Gateway.

ALBANY COUNTY AIRPORT AUTHORITY



INSPECTION AND TESTING REQUIREMENTS

- 1. STEEL CONSTRUCTION: INSPECTION AND TESTING SHALL BE PERFORMED BY AN INDEPENDENT INSPECTION AND TESTING AGENCY AT THE OWNER'S EXPENSE. ALL TESTING AND INSPECTIONS SHALL CONFORM TO THE FOLLOWING:



KEY PLAN



PEDESTRIAN BRIDGE STRUCTURAL NOTES & GRID DIMENSION PLAN

Project information including drawing title, scale, date, and revision table.

Vertical text on the left margin: Updated by: [Name], Checked by: [Name], Date: 7/21/2019 2:28:12 PM.

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>30</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

Adjustment to Contract Sum (indicate if zero cost)

Add: \$ TBD Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|-------------------|
| <input checked="" type="checkbox"/> No Change | ___ Days Added |
| | ___ Days Deducted |

Cost Basis (check all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

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

Please provide labor and materials to install all materials that changed with the revised pedestrian bridge framing dimensions and the revised storefront opening to work with new steel framing.

Justification:

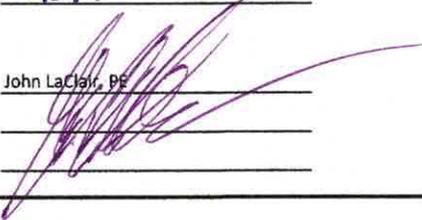
Drawing Revisions per 989-GC Information Bulletin 10 [IB10-A-01] dated 07.31.19

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

Construction Manger Recommendation

Name	<u>Robert Wagner</u>
Signature	<u></u>
Date	<u>10.6.19</u>

Contracting Authority Approval

Name	<u>John LaClair, PE</u>
Signature	<u></u>
Date	_____

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: August 9, 2019
Rev 1: 09/24/2019

ATTN: Zachary Johnson

STS Job # 1903

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

C.C.N. #1903-06 R1

CONTRACT CHANGE NOTICE # 06 Rev 1

Description: 989-GC Bulletin 10 [IB10-A-01] revised dimensions of pedestrian bridge at connection to parking garage. Changes require revisions to 25 drawings and results in 5 pieces being remade, and 16 fabricated pieces being adjusted. This change requires 6 week schedule extension. Erection start date to be evaluated based on completion of all structural steel.

Material (300 lbs @ \$0.65/lb)	\$	195.00	
Shop Labor (22 hrs @ \$75/hr)	\$	1,650.00	
Detailing	\$	2,700.00	
		<u>\$ 4,545.00</u>	
		Subtotal	\$ 4,545.00
		15% OH&P	\$ 681.75
		STS Add	\$ 5,227.00
			455.00

The cost to provide labor and materials for the scope of work above is: **\$5,000.00**
FIVE THOUSAND TWO HUNDRED TWENTY SEVEN DOLLARS ~~[\$5,227.00]~~

\$5,000.00

Documents:

989-GC Bulletin 10 [IB10-A-01] dated 07/31/2019

We are not proceeding with this change. Please issue a change order as soon as possible.

Submitted By:



Jeremy Krupa - PM

Ryan Faulkner

From: Jeremy Krupa <JeremyK@stssteel.com>
Sent: Tuesday, October 29, 2019 12:18 PM
To: Ryan Faulkner
Cc: Zachary Johnson
Subject: RE: STS Steel CCN #06 - Bulletin #10
Attachments: RE: Albany Airport - 989-GC-IB-10

Per my initial email on this bulletin the piece marks in the attached list required adjustment in order to accommodate the 6" bust between the parking garage and pedestrian bridge.

At the time of change the following list of pieces were fabricated and required to be completely remade to new dimensions: 2D5, 2D9, P123, P124, P143

All of the other material was ordered cut to size. Most of these pieces got 6" shorter and as a result we needed to make additional cuts which resulted in added shop time.

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: Ryan Faulkner <Ryan.Faulkner@lechase.com>
Sent: Tuesday, October 29, 2019 12:06 PM
To: Jeremy Krupa <JeremyK@stssteel.com>
Cc: Zachary Johnson <Zachary.Johnson@lechase.com>
Subject: RE: STS Steel CCN #06 - Bulletin #10

Please provide specifics on the steel changes

Best,

Ryan

LeCHASECONSTRUCTION

Ryan M. Faulkner, CPC | *Project Executive*
220 Harborside Dr. Ste. 301 | Schenectady, NY 12305
c 607.343.9150 | p 518.388.9200 | f 518.388.9206
www.lechase.com



From: Jeremy Krupa <JeremyK@stssteel.com>
Sent: Tuesday, October 29, 2019 11:55 AM
To: Ryan Faulkner <Ryan.Faulkner@lechase.com>
Cc: Zachary Johnson <Zachary.Johnson@lechase.com>
Subject: STS Steel CCN #06 - Bulletin #10

Ryan

Following up on our conversation this morning regarding the pricing on bulletin #10 which adjusted the length of the pedestrian bridge at the connection to the parking garage.

As stated in the description of the CCN:

- Material and labor were a result of:
 - 5 pieces required to be remade
 - 16 pieces required to be adjusted
- Detailing time was 36hrs at \$75/hr = \$2,700.00
 - Revisions to 3D model
 - Revisions to 25 drawings
 - Add 2 new drawings

Jeremy Krupa

STS Steel, Inc.

10 Rush Street

Schenectady, NY 12305

Phone 518-370-2693 Ext.237

www.stssteel.com



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

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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 # : 45 - PCO 073 - RFI 182

Description of Change:

Description	Scope of Work	Cost
Concrete		4,940.00
	Subtotal of Costs	4,940.00
<u>Change Order Add Ons</u>		
	Fee	247.00
	GL Insurance	60.00
	P&P Bond	36.00
	Total For Change Order Request	5,283.00

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 45

Revision Number: 1

Construction Manager Response to Change Order: LeChase Construction Response to CM Comments:

LeChase-

1. Why 3 men for 3 hours to clean- 2 men for 6 hours.
2. LeChase only allowed 5% on subs for markup per contact.

[See attached revised change order.](#)

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 # : 45 - PCO 073 - RFI 182 - **VOID** -

Description of Change:

Description	Scope of Work	Cost
Concrete		5,618.00
	Subtotal of Costs	5,618.00
<u>Change Order Add Ons</u>		
	Fee	281.00
	GL Insurance	60.00
	P&P Bond	36.00
	Total For Change Order Request	<u><u>5,995.00</u></u>

- VOID -

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



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] Foundation Wall & Slab Detail

TO:	Amy Signor, AIA (Bergmann Architects + Engineers) Cody Messier (Bergmann Architects + Engineers)	FROM:	Zachary Johnson (LeChase Construction [989-GC]) 229 Harborside Drive, Suite #301 Schenectady, New York 12305
DATE INITIATED:	09/10/2019	STATUS:	Closed
LOCATION:	Pedestrian Bridge	DUE DATE:	09/12/2019
PROJECT STAGE:	Course of Construction	COST CODE:	
SUB JOB:		SCHEDULE IMPACT:	TBD
COST IMPACT:	\$3,600.00	SPEC SECTION:	033000 [989-GC] [1] - Cast-In-Place Concrete (Pedestrian Bridge)
DRAWING NUMBER:		REFERENCE:	
LINKED DRAWINGS:	PB-A-304		
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**), Amy Signor, AIA (**Bergmann Architects + Engineers**), Howard Unger, PE (**Parsons**)

Question from Zachary Johnson (LeChase Construction [989-GC]) at 05:19 PM on 09/09/2019

Detail 3 on PB-A-304 currently shows the SOG butting to the foundation wall with a 1/2" expansion joint inbetween. All of this is exposed on the inside of the wall and will be visible. We suggest at an additional cost for aesthetics to sawcut the foundation wall enough to allow the SOG to pour under the wall track hiding the joint between the SOG and foundation wall.

Please advise if the proposed change in details is acceptable.

Attachments:
[Foundation Wall & Slab detail.pdf](#)

Official Response: Cody Messier (**Bergmann Architects + Engineers**) responded on Monday, September 16th, 2019 at 1:49PM EDT
 Detail is acceptable provided comments in attached sketch are met.

Attachments:
[RFI #182_RESPONSE_09-16-19.pdf](#)

BY _____ DATE _____ COPIES TO _____

Tel: 413.786.7314
Est. Fax: 413.821.9965
www.WitchEnterprises.com
Email: Info@WitchEnterprises.com



Witch Enterprises, Inc.
PO Box 673
Agawam, MA 01001-0673

**Concrete
Cutting
Specialists**

800.44.WITCH or 800.449.4824

QUOTATION / CONTRACT

DATE: 09/25/19

CUST NO: C17916

QUOTE NO: 420657

**LECHASE CONSTRUCTION SVCS
1473 ERIE BLVD
SCHENECTADY, NY 12305**

TEL: (518) 388-9200

FAX: (518) 388-9206

JOB SITE: Albany Intl Airport, , Albany, NY

ORDERED BY: Tim Hanke

WITCH ENTERPRISES, INC. IS PLEASED TO SUBMIT A JOB QUOTE FOR THE ABOVE LISTED JOB AS FOLLOWS:

PROPOSAL:

Quantity	Description	Unit	Price
1	Saw cut only notch 100' of 5" deep vertical cut and 100' of 1.5" deep horizontal cut.	3,750.00	3,750.00

Please see terms and conditions on last page

QUOTATION / CONTRACT CONTINUATION

DATE: 09/25/19

QUOTE NO: 420657

JOB SITE: Albany Intl Airport, , Albany, NY

PAGE NO: 2

CONDITIONS: QUOTATION BASED UPON ALL OF THE FOLLOWING ITEMS:

Work is reg hrs Mon-Fri
All layout prior to arrival of work crews & permits by others
Removal & disposal of debris by others
Access to power/water if needed by others
Slurry control/pick up/disposal is not included
Traffic protection if needed is by others
Work to be done at or above freezing temperatures (32F)
Any down time due to air traffice control will be charge @ \$225.00/per hr
Work areas to be safe & accessible upon arrival

ESTIMATOR: DAVID LAPORTE

PREPARED BY: ANN DURIS

IN THE EVENT THAT WITCH ENTERPRISES DOES NOT RECEIVE ANYTHING IN WRITING TO THE CONTRARY, THE ABOVE QUOTE SHALL APPLY AND BE BINDING AT THE TIME THE WORK COMMENCES.

WITCH ENTERPRISES, INC WILL NOT BE RESPONSIBLE FOR THE LAYOUT OR DAMAGE TO ANY UNMARKED STRUCTURES OR UTILITIES.

SALES TAX WILL BE ADDED TO THE ABOVE PRICE IF APPLICABLE. WITH APPROVED CREDIT, FULL JOB PAYMENT WILL BE REQUIRED THIRTY (30) DAYS FROM THE INVOICE DATE. INTEREST OF ONE AND ONE-HALF (1 1/2%) PERCENT PER MONTH WILL BE ADDED TO ANY BALANCES OUTSTANDING AFTER SIXTY (60) DAYS FROM THE JOB COMPLETION DATE.

IN THE EVENT THE CUSTOMER FAILS TO MAKE TIMELY PAYMENTS OF ANY SUM DUE AS OBLIGATED HEREIN AND WITCH ENTERPRISES REQUIRES THE SERVICES OF AN ATTORNEY OR COLLECTION AGENCY, THE CUSTOMER SHALL PAY THE COSTS ASSOCIATED WITH THE COLLECTION EFFORTS, INCLUDING COURT COSTS, FILING FEES, AND ALL ATTORNEY FEES, IN ADDITION TO THE ORIGINAL UNPAID AMOUNTS AND APPLICABLE INTEREST.

PLEASE SIGN AND RETURN THIS CONTRACT IMMEDIATELY.

SHOULD YOU HAVE ANY QUESTIONS REGARDING THIS QUOTE, PLEASE CONTACT THE ESTIMATOR NAME ABOVE AT: 413.786.7314 or 800.449.4824.

ACCEPTED DATE: _____

SUBMITTED:

SIGNATURE: _____

CRAIG DAMON, PRESIDENT

PRINTED NAME: _____

TITLE: _____

Change Order Request

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

Date: 11/7/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 53 - PCO 077 - RFI 183

Description of Change: This COR is for all additional work associated with RFI 183 response from the design team. Please be advised that STS had down time waiting with erection crew while these adjustments could be made that is at no fault of STS or LeChase.

No time extension required.

Description	Scope of Work	Cost
Concrete		662.00
Structural Steel		1,919.25
	Subtotal of Costs	2,581.25
<u>Change Order Add Ons</u>		
	Fee	129.75
	GL Insurance	31.00
	P&P Bond	18.00
	Total For Change Order Request	2,760.00

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 53

Revision Number: 1

Construction Manager Response to Change Order: LeChase Construction Response to CM Comments:

STS-

1. Check Math.

[See attached documents for adjusted calculations.](#)

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 11, 2019

ATTN: Zachary Johnson

STS Job # 1903

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

C.C.N. #1903-09

CONTRACT CHANGE NOTICE # 09

Description: Costs outlined below is a result of down time when setting the pedestrian bridge steel due to an elevation discrepancy between the building and parking garage. LeChase directed to stop work until elevations were adjusted and work could continue.

American Iron & Crane (see field tickets)	\$1,744.77
10% Profit	\$174.78
<i>SUB Add</i>	<u>\$ 1,919.25</u>

Documents:

- Additional Work Ticket dated 9/11/19

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

Submitted By:



Jeremy Krupa - PM

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

W.O.V.

Charge to STS

Date 9-11-19

Authorized by _____

Job No. _____

Description of Work: Elevation discrepancy of the bridge columns between the building and parking garage. LeChase instructed us to hold off on settl until they got the right elevations

LABOR

Name	Trade	Rate	Hours	Other		Cost	
Jim Paso	IWF	87.12	2.5			217	80
Eric Carlson	IW	83.65	2.5			209	13
Scott Weiler	IW	"	2.5			209	13
Aaron Mackey	IW	"	2.5			209	13
Gary Scaman	OP	104.90	2.5			262	25

Total Labor Cost → **1** 1 107 44

MATERIAL

Item	Quantity	Unit Cost	Other			

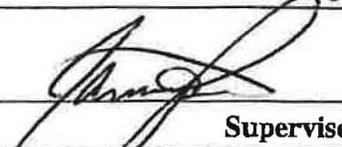
Total Material Cost → **2**

EQUIPMENT

Item	Quantity	Time	Rate			
50 Ton Crane	1	2.5	254.93			637 33

Total Equipment Cost → **3**

 9/11/19
 Customer Supervisor


 Supervisor

Total of Boxes 1, 2, & 3	1	744	77
ADD: <u>5</u> % Overhead		87	24
Subtotal			
ADD: <u>10</u> % Profit		174	48
ADD: _____ % Sales Tax			
TOTAL VALUE of this Work Order	2	006	49

Change Order Request

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

Date: 11/7/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 53 - PCO 077 - RFI 183 - **VOID** -

Description of Change: This COR is for all additional work associated with RFI 183 response from the design team. Please be advised that STS had down time waiting with erection crew while these adjustments could be made that is at no fault of STS or LeChase.

No time extension required.

Description	Scope of Work	Cost
Concrete		662.00
Structural Steel		2,207.00
	Subtotal of Costs	2,869.00

Change Order Add Ons

Fee	143.00
GL Insurance	31.00
P&P Bond	18.00

Total For Change Order Request

3,061.00
- VOID -

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

DATED: 11/6/19

PCO #LC-0012



Albany Intl Airport #1934303

LeChase Construction Services, LLC

Capital District Office
220 Harborside Drive SUITE 301
Schenectady, New York 12305

Phone: (518) 388-9200

Fax: (518) 388-9206

Website: www.LeChase.com

Description of Change: Adjust bolts per RFI 183

Adjust Bolts

Labor: 2 men x \$72/ hr x 4 hours \$576.00

Materials: NA

Equipment: NA

Subtotal:

10% OH/P

Subcontractors: (see back-up attached)

Subs

10% O & P

LeChase & Subs \$662.40

Total **\$662**

Time Change: Extension of (0) days is required.
Completion Date is YES

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 11, 2019

ATTN: Zachary Johnson

STS Job # 1903

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

C.C.N. #1903-09

CONTRACT CHANGE NOTICE # 09

Description: Costs outlined below is a result of down time when setting the pedestrian bridge steel due to an elevation discrepancy between the building and parking garage. LeChase directed to stop work until elevations were adjusted and work could continue.

American Iron & Crane (see field tickets)	\$ 2,006.49	
5% Profit	\$ 100.32	
SUB Add	\$ 2,107.00	10% \$200.49

The cost related to this change order is:

\$2,206.98

~~TWO THOUSAND ONE HUNDRED SEVEN DOLLARS [\$2,107.00]~~

\$2,207

Documents:

- Additional Work Ticket dated 9/11/19

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 9-11-19

Authorized by _____

Job No. _____

Description of Work: Elevation discrepancy of the bridge columns between the building and parking garage. LeChase instructed us to hold off on setting until they got the right elevations

LABOR

Name	Trade	Rate	Hours	Other			Cost
Jim Paso	IWF	87.12	2.5				217 80
Eric Carlson	IW	83.65	2.5				209 13
Scott Weiler	IW	"	2.5				209 13
Aaron Mackey	IW	"	2.5				209 13
Gary Seaman	OP	104.90	2.5				262 25

Total Labor Cost \longrightarrow **1** 1 107 44

MATERIAL

Item	Quantity	Unit Cost	Other			

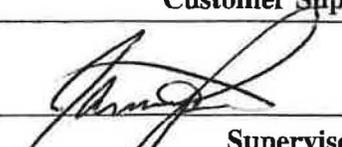
Total Material Cost \longrightarrow **2**

EQUIPMENT

Item	Quantity	Time	Rate			
50 Ton Crane	1	2.5	254.93			637 33

Total Equipment Cost \longrightarrow **3**

 9/11/19
 Customer Supervisor


 Supervisor

Total of Boxes 1, 2, & 3	1	744	77
ADD: <u>5</u> % Overhead		87	24
Subtotal			
ADD: <u>10</u> % Profit		174	48
ADD: _____ % Sales Tax			
TOTAL VALUE of this Work Order	2	006	49

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 27 - PCO 042 - Bulletin 23R & RFI 191

Description of Change: This COR is for all additional work associated with changes directed in RFI 191 and Bulletin 23/23R. No Time Extension Required.

Please note:Prep new pad area is for excavating its new location. The original location was already excavated which required backfill. We had to excavate and extend conduits to new location, backfill original location at C line. Excavate new pad location at D line.

Description	Scope of Work	Cost
Plumbing & HVAC		4,807.00
Electrical		1,748.00
Earthwork		3,158.00
Subtotal of Costs		9,713.00

Change Order Add Ons

Fee	485.18
GL Insurance	103.64
P&P Bond	62.18
	10,364.00

Total For Change Order Request

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

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Please note: New pad area is for excavating its new location. The original location was already excavated which required backfill. We had to excavate and extend conduits to new location, backfill original location at C line. Excavate new pad location at D line.

Description	Scope of Work	Cost
Plumbing & HVAC		4,807.00
Electrical		3,748.00
Earthwork		6,658.00
Subtotal of Costs		15,213.00
Change Order Add Costs		
	Fee	760.00
	GL Insurance	162.00
	P&P Bond	97.00
Total For Change Order Request		16,232.00

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 27

Revision Number: 1

Construction Manager Response to Change Order:

LeChase Construction Response to CM Comments:

Keller-

1. Original transformer pad was not prepared prior to moving locations, concrete placement was part of base bid.
"Preparing the new pad" meaning excavating to the new location.
2. Excavation is less than 40 LF.
We believe this is a 40 LF. The generator conduit was originally roughed in to the locations shown on the original RFI which we owned. Then a new location was provided at a later date, we had to excavate the already placed conduits, and extend them to their final location. See attached RFI drawing for original location.
3. 35 lf x 4' wide x 3' deep= 16 cy + expansion- what is 54 cy of item 4 for. Native soil was used to back fill.
Native soil was not used for the entire backfill. There was additional item 4 used for backfilling the electrical duct bank trench from C line to D line as well.

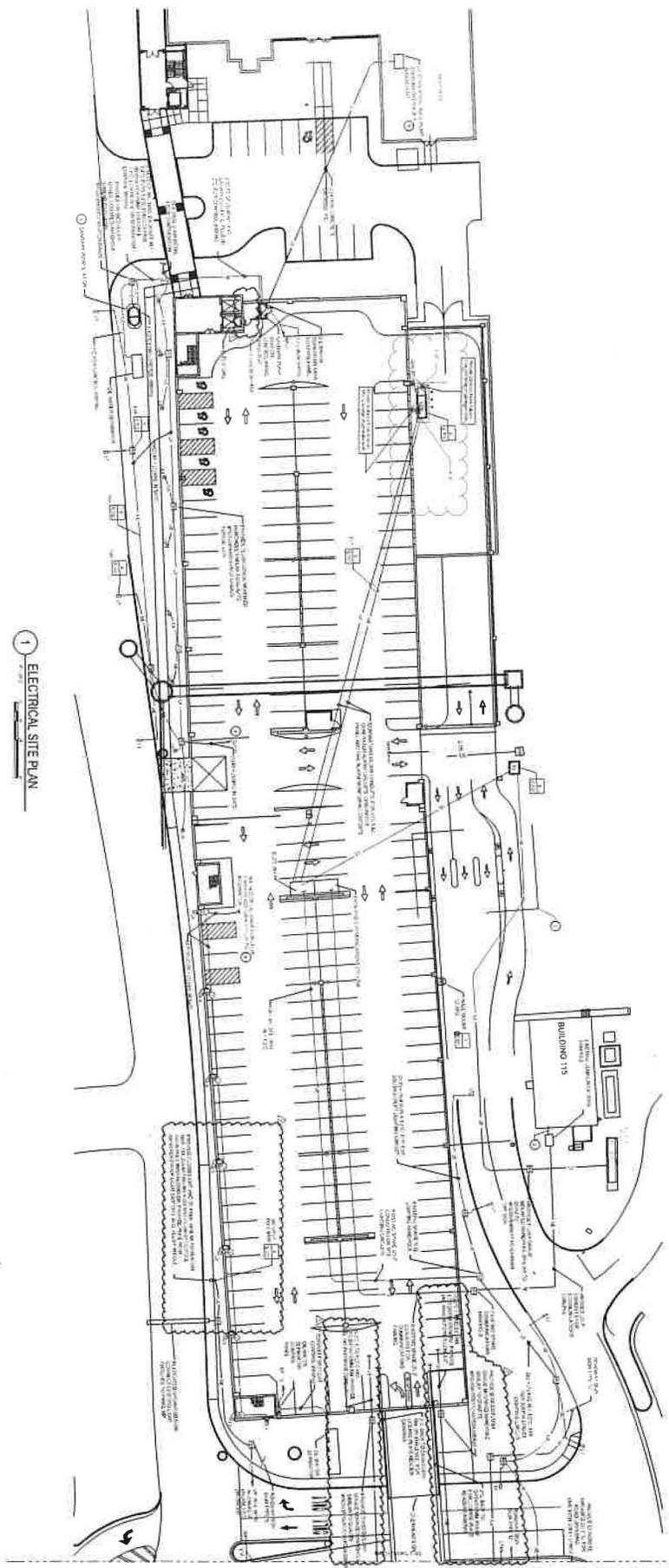
P&J-

1. Are elbows for changing from horizontal to vertical pipe?
Correct, the elbows are required for when the vertical piping changes to horizontal for the wall penetration and then back to vertical again per the sketch provided in bulletin 23R.

1. THIS PLAN IS A PART OF THE PROJECT AND IS TO BE USED IN CONJUNCTION WITH THE OTHER PLANS AND SPECIFICATIONS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



ELECTRICAL SITE PLAN



THIS PLAN IS A PART OF THE ELECTRICAL SITE PLAN FOR THE AIRPORT TERMINAL BUILDING, PROJECT NO. 115, AND IS SUBJECT TO THE APPROVAL OF THE ALBANY COUNTY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL EXISTING STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL EXISTING STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL EXISTING STRUCTURES.

Change Order Request # : 27 - PCO 042 - Bulletin 23R & RFI 191

Description of Change:

This COR is for all additional work associated with changes directed in RFI 191 and Bulletin 23/23R.

No Time Extension Required.

Please note: Prep new pad area is for excavating its new location. The original location was already excavated which required backfill. We had to excavate and extend conduits to new location, backfill original location at C line. Excavate new pad location at D line.

Description Scope of Work Cost

Plumbing & HVAC 4,807.00

Electrical 3,748.00

Earthwork 6,658.00

Subtotal of Costs 15,213.00

Change Order Add Ons

Fee 760.00

GL Insurance 162.00

P&P Bond 97.00

Total For Change Order Request 16,232.00

CHA - Mechanical

1. The generator needed to be shifted due to the requirement of primary and secondary vent piping per code required 12 feet above grade termination. The generator was shifted to the east to accommodate the vent piping which will run over horizontally, and up and out vertically. The cost for the change order portion dealing with the vent piping for the generator looks to be reasonable and acceptable.

CHA – Electrical

CHA – Site/Civil

Change Order Request # : 27 - PCO 042 - Bulletin 23R & RFI 191

Description of Change:

This COR is for all additional work associated with changes directed in RFI 191 and Bulletin 23/23R.

No Time Extension Required.

Please note: Prep new pad area is for excavating its new location. The original location was already excavated which required backfill. We had to excavate and extend conduits to new location, backfill original location at C line. Excavate new pad location at D line.

Description Scope of Work Cost

Plumbing & HVAC 4,807.00

Electrical 3,748.00

Earthwork 6,658.00

Subtotal of Costs 15,213.00

Change Order Add Ons

Fee 760.00

GL Insurance 162.00

P&P Bond 97.00

Total For Change Order Request 16,232.00

CHA - Mechanical

1. The generator needed to be shifted due to the requirement of primary and secondary vent piping per code required 12 feet above grade termination. The generator was shifted to the east to accommodate the vent piping which will run over horizontally, and up and out vertically. The cost for the change order portion dealing with the vent piping for the generator looks to be reasonable and acceptable.

CHA – Electrical

1. The labor and materials cost for Nfrastructure appears to be reasonable and acceptable. Labor hours should be verified by field inspection staff.

CHA – Site/Civil

1. The hours for Keller’s efforts appear to be fair and reasonable. Though the plate tamper rate is high, the overall equipment costs are acceptable.

CHA – Plumbing

1. The hours for P&J’s efforts appear to be fair and reasonable. The equipment and material costs for Sch 40 piping, elbows and miscellaneous items are acceptable. However, after further review of the Code, the vent piping extending 12’ feet above bottom of fuel tank is NOT required. Standard venting to be provided. Understanding that the vent piping has already been fabricated, provide credit for vent piping extension installation. CHA will revise and issue IB23R2 to request installation credit.

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 27 - PCO 042 - Bulletin 23R & RFI 191 - **VOID** -

Description of Change: This COR is for all additional work associated with changes directed in RFI 191 and Bulletin 23/23R. No Time Extension Required.

Please note:Prep new pad area is for excavating its new location. The original location was already excavated which required backfill. We had to excavate and extend conduits to new location, backfill original location at C line. Excavate new pad location at D line.

Description	Scope of Work	Cost
Plumbing & HVAC		4,807.00
Electrical		3,748.00
Earthwork		6,658.00
Subtotal of Costs		15,213.00

Change Order Add Ons

Fee	760.00
GL Insurance	162.00
P&P Bond	97.00
	16,232.00

Total For Change Order Request

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 23R

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB23R-E-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 10-3-19

Description:

Generator Relocation

Information:

Clarification: See attached sketches 1 through 3 for relocation of generator to west side adjacent D line and vent pipes height clarification per code requirement.

In addition, LeChase to coordinate with Infrastructure to have Cummings modify their vent pipes as shown on the attached sketches prior to shipping and installation of generator. Refer to 233213 – Engine Generator Product Data & Shop Drawings submittal.

IB Status:

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

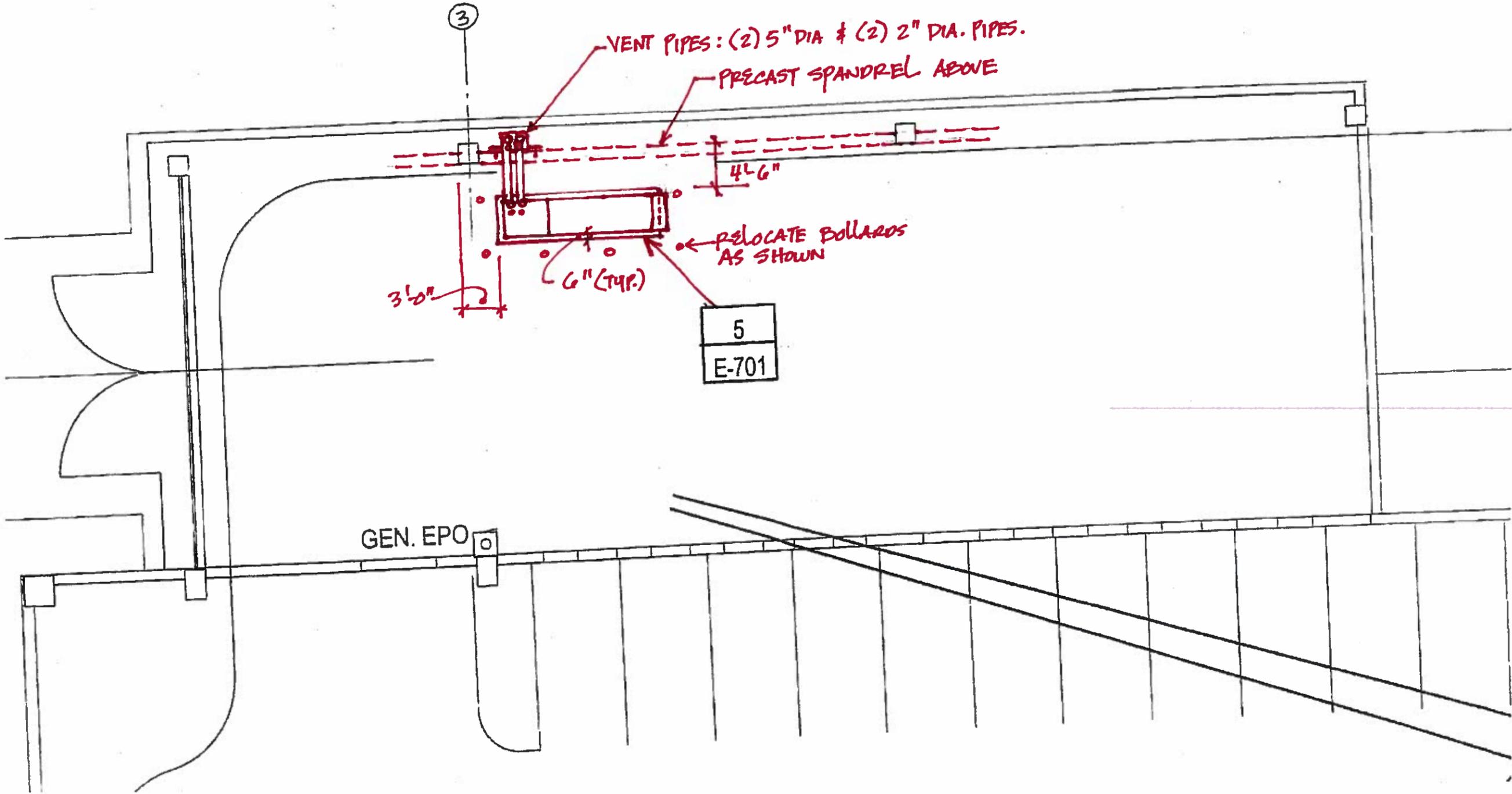
FOR PRICING - Contractor to proceed with this work only after receiving written direction to proceed.

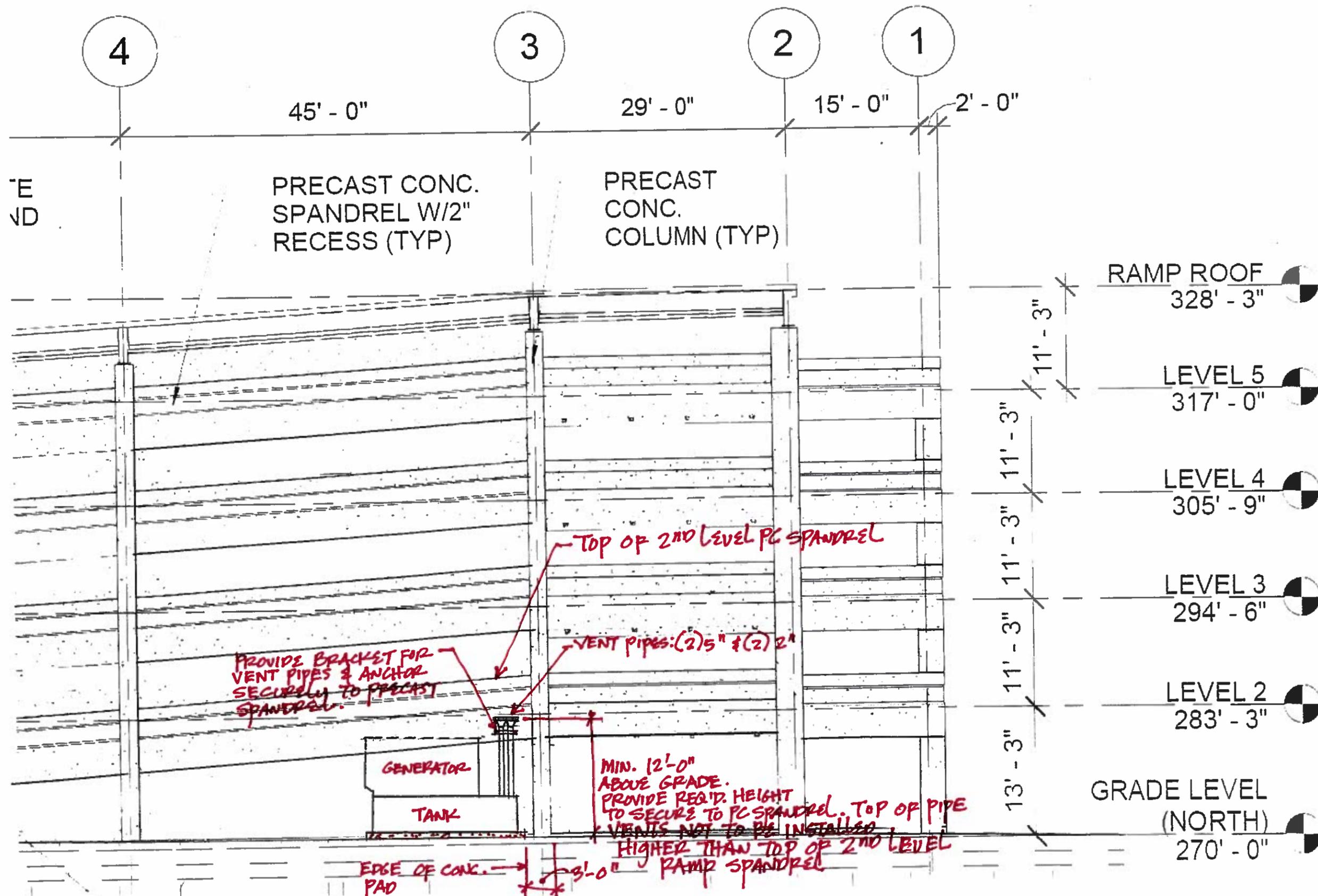
NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

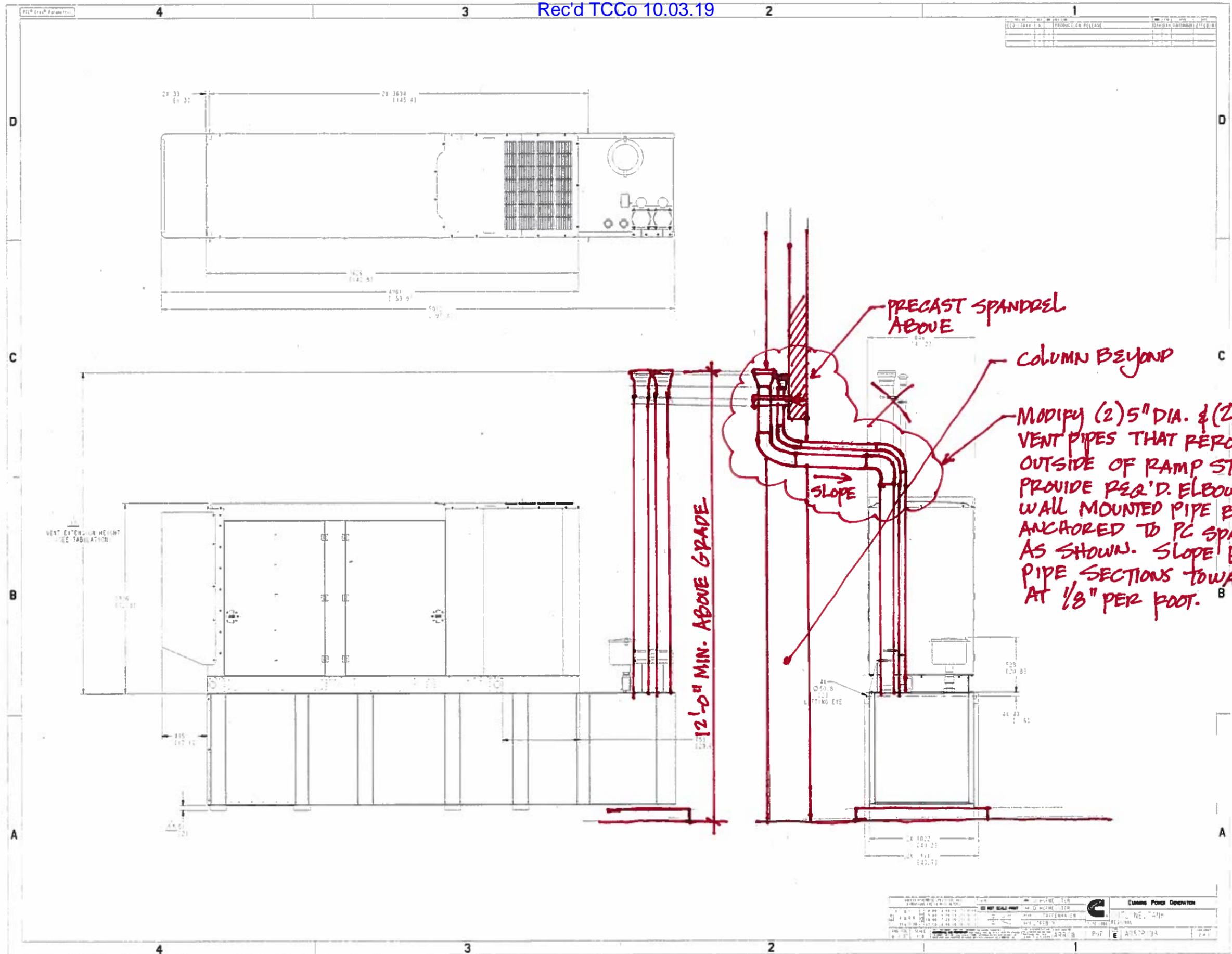
Comments:

Modify (2) primary and secondary vent pipes each that reroute vents outside of ramp structure – see attached sketch 3 of 3.

Generated By: Rich LaRose, CHA







PRECAST SPANDREL ABOVE
 COLUMN BEYOND
 MODIFY (2) 5" DIA. & (2) 2" DIA. VENT PIPES THAT PERROUTE VENTS OUTSIDE OF RAMP STRUCTURE. PROVIDE REQ'D. ELBOWS AND WALL MOUNTED PIPE BRACKETS ANCHORED TO PC SPANDREL AS SHOWN. SLOPE HORIZONTAL PIPE SECTIONS TOWARDS TANK AT 1/8" PER FOOT.

12'-0" MIN. ABOVE GRADE

SLOPE

NO.	DATE	BY	CHKD.	APP'D.	REVISION
1	10/03/19	ARR	ARR	ARR	ISSUE FOR PERMIT
2					
3					
4					

3 of 3

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>42</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

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)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> 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 generator at the new proposed location and re-route the vent piping to outside of the building footprint as shown in the Information Bulletin 23.

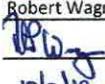
Justification:

Official Response to RFI #191 and Information Bulletin 23 [989-GC-IB23-E-01] moving the generator location to the east side (along column line D) in lieu of it being placed on the west side (along column line C) and re-routing of the vent piping to the outside of the precast structure

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 10/21/19

Contracting Authority Approval

Name John Laffair, PE

Signature 

Date _____



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] Generator Location

TO:	Mark Anderson (CHA - Clough Harbor)	FROM:	Zachary Johnson (LeChase Construction [989-GC])
DATE INITIATED:	09/16/2019		229 Harborside Drive, Suite #301
LOCATION:	Parking Garage		Schenectady, New York 12305
PROJECT STAGE:	Course of Construction	STATUS:	Closed
SUB JOB:		DUE DATE:	09/19/2019
COST IMPACT:	TBD	COST CODE:	
DRAWING NUMBER:	Attached	SCHEDULE IMPACT:	TBD
LINKED DRAWINGS:		SPEC SECTION:	263213 [989-GC] - Engine Generator 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), 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 08:23 AM on 09/16/2019

Please provide the dimensional location of the generator pad from column line C and from column line 3 to the edge of the generator concrete pad. Also, please confirm the exhaust section of the generator is to face North, based on the way the drawing is shown it appears to be depicted this way.

Attachments:

[Generator Pad Location.pdf](#)

Official Response: Eric Riehl (Turner Special Projects Division) responded on Tuesday, September 24th, 2019 at 12:00PM EDT

Please refer to attached sketch depicting the final location of the generator. Please route exhaust piping out the east side of the parking garage and into open space and not under the parking garage

Attachments:

[Generator Pad Final Location.pdf](#)

BY _____ DATE _____ COPIES TO _____

Change Order Request



C.O.R. # 052392-95-008

G.C. #

Date: 10/7/2019

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:

Generator Vent Extension

Furnish and install pipe, fittings and bracket to spandrel as shown in bulletin #23.

Clarifications:

- Carbon steel A53 ERW pipe to be used
- 5" piping to be welded using standard weight fittings
- 2" piping to be threaded using 150# malleable fittings

Exclusions:

- Core drilling
- Warantee on generator
- Painting

Change Order Price \$4,807.00

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 10/7/2019

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. # 052392-95-008

G.C. #

Date: 10/7/2019

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	42.00	\$95.00	\$0.00	\$0.00	\$0.00	\$3,990.00	0.00%	\$0.00	\$3,990.00
Sub Total					\$0.00	\$3,990.00		\$0.00	\$3,990.00
Grand Total					\$0.00	\$3,990.00		\$0.00	\$3,990.00

Materials

Materials	Quantity	Cost	TotalTax	Sub Total	Markup		Total Materials
					%	Amount	
Pipe & Fittings	1.00	\$379.00	\$0.00	\$379.00	10.00%	\$37.90	\$416.90
Sub Total				\$379.00		\$37.90	\$416.90
Grand Total				\$379.00		\$37.90	\$416.90

Equipment

Equipment	Quantity	Cost	TotalTax	Sub Total	Markup		Total Equip.	
					%	Amount		
40' Boom Lift Daily	1.00	\$400.00	\$0.00	\$400.00	0.00%	\$0.00	\$400.00	
Sub Total				0.00	\$400.00	\$0.00	\$400.00	
Grand Total				0.00	\$400.00	\$0.00	\$400.00	
Total							\$4,806.90	
Total							\$4,807.00	

Postler & Jaeckle Corp

Material & Labor Detail

Project Name: ALB P&J Takeoff
Bid ID: ALB-001
Report Time: 10/7/2019 11:32 AM
Profile Name: Standard
Labor Book: MCA
Scoped By: Base Bid; Drawing: AAP Bulletin 23R;

Postler & Jaeckle Corp Material & Labor Detail

There were 8 calculation messages.

Project Name: ALB P&J Takeoff

Page 1

Bid ID: ALB-001

Report Time: 10/7/2019 11:32:15 AM

Data Calculated: 10/7/2019 10:51:14 AM

Base Bid; Drawing: AAP Bulletin 23R;

Pipe

Carbon Steel - Plain End Black Sch 40 - ButtWld

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
A53 ERW....						
	5	20	7.56	151	0.39	8
Carbon Steel - Plain End Black Sch 40 - ButtWld Totals:						
		<u>20</u>		<u>151</u>		<u>8</u>

Carbon Steel - Threaded Black Sch 40 - Thread

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
A53 CW.....						
	2	20	2.56	51	0.13	3
Carbon Steel - Threaded Black Sch 40 - Thread Totals:						
		<u>20</u>		<u>51</u>		<u>3</u>

Pipe Totals:		<u>40</u>		<u>202</u>		<u>10</u>
---------------------	--	-----------	--	------------	--	-----------

Fittings

Carbon Steel - ButtWeld SW-WeldBend - ButtWld

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
90 Deg Elbow LR						
	5	4	13.99	56	5.63	23
Carbon Steel - ButtWeld SW-WeldBend - ButtWld Totals:						
		<u>4</u>		<u>56</u>		<u>23</u>

Malleable Iron - Threaded, Galvanized Class 150 - Thread

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
90 Deg Elbow						
	2	4	7.08	28	1.30	5
Malleable Iron - Threaded, Galvanized Class 150 - Thread Totals:						
		<u>4</u>		<u>28</u>		<u>5</u>

Fittings Totals:		<u>8</u>		<u>84</u>		<u>28</u>
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Hanger Components

- Beam Clamps -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig156 AdjSide						
	3/8	2	2.18	4	0.00	0
	5/8	1	2.75	3	0.00	0
- Beam Clamps - Totals:						
		<u>3</u>		<u>7</u>		<u>0</u>

Postler & Jaeckle Corp Material & Labor Detail

There were 8 calculation messages.

Project Name: ALB P&J Takeoff

Page 2

Bid ID: ALB-001

Report Time: 10/7/2019 11:32:16 AM

Data Calculated: 10/7/2019 10:51:14 AM

Base Bid; Drawing: AAP Bulletin 23R;

Hanger Components

- Clamps & UBolts -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 120 UBolt Gal						
	2	2	3.96	8	0.00	0
	5	2	10.26	21	0.00	0
- Clamps & UBolts - Totals:		<u>4</u>		<u>28</u>		<u>0</u>

- Clevis -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 11 Clevis Glv						
	6	2	6.16	12	0.00	0
	10	1	17.55	18	0.00	0
- Clevis - Totals:		<u>3</u>		<u>30</u>		<u>0</u>

- Saddles & Shields -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 167 Insl Shield						
	6	2	4.75	9	0.23	0
	10	1	9.58	10	0.23	0
- Saddles & Shields - Totals:		<u>3</u>		<u>19</u>		<u>1</u>

Carbon Steel - Rods -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 54 Allthread Blk						
	3/8	8	0.25	2	0.00	0
	5/8	4	0.76	3	0.00	0
Carbon Steel - Rods - Totals:		<u>12</u>		<u>5</u>		<u>0</u>

Hanger Components Totals:	<u>25</u>		<u>90</u>		<u>1</u>
----------------------------------	-----------	--	-----------	--	----------

Labor

Hangers - Hangers -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Clevis Hanger(HgrItem IBm&Tr HgRodCC)						
	6	2	0.00	0	1.04	2
	10	1	0.00	0	1.10	1
Hangers - Hangers - Totals:		<u>3</u>		<u>0</u>		<u>3</u>

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
1-1/4"	Conduit - PVC 40 20' Lengths	90	C	57.92	0	57.92			57.92	52.13	Quoted	C	6	5.4
1-1/2"	Conduit - PVC 40 20' Lengths	30	C	71.01	0	71.01			71.01	21.3	Quoted	C	7	2.1
4"	Conduit - PVC 40 20' Lengths	30	C	252.14	0	252.14			252.14	75.64	Quoted	C	14	4.2
1-1/4"	Elbow 90 Degree - PVC 40	3	C	286.01	0	286.01			286.01	8.58	Quoted	C	32	0.96
1-1/2"	Elbow 90 Degree - PVC 40	1	C	407.93	0	407.93			407.93	4.08	Quoted	C	40	0.4
4"	Elbow 90 Degree - PVC 40	1	C	3075.8	0	3075.8			3075.84	30.76	Quoted	C	100	1
1-1/4"	Coupling - PVC	3	C	22.12	0	22.12			22.12	0.66	Quoted	C	0.2	0.006
1-1/2"	Coupling - PVC	1	C	30.86	0	30.86			30.86	0.31	Quoted	C	0.25	0.003
4"	Coupling - PVC	1	C	180.46	0	180.46			180.46	1.8	Quoted	C	0.8	0.008
1-1/4"	End Bell - PVC	6	C	184.1	0	184.1			184.1	11.05	Quoted	C	18	1.08
1-1/2"	End Bell - PVC	2	C	193.21	0	193.21			193.21	3.86	Quoted	C	20	0.4
4"	End Bell - PVC	2	C	382.38	0	382.38			382.38	7.65	Quoted	C	40	0.8
#8 Black	Wire THHN / T90 - Copper	90	M	234.66	0	234.66			234.66	21.12	Quoted	M	9	0.81
#8 Green	Wire THHN / T90 - Copper	60	M	234.66	0	234.66			234.66	14.08	Quoted	M	9	0.54
#6 Green	Wire THHN / T90 - Copper	30	M	361.02	0	361.02			361.02	10.83	Quoted	M	11	0.33
#4 Black	Wire THHN / T90 - Copper	##	M	540.97	0	540.97			540.97	64.92	Quoted	M	13	1.56
#4 Green	Wire THHN / T90 - Copper	30	M	540.97	0	540.97			540.97	16.23	Quoted	M	13	0.39
#1 Black	Wire THHN / T90 - Copper	##	M	1073.6	0	1073.6			1073.58	128.83	Quoted	M	19	2.28
#300 Black	Wire THHN / T90 - Copper	##	M	3544.5	0	3544.5			3544.48	425.34	Quoted	M	35	4.2
#16/2C Red	FPLP Cable Shielded Addressable Systems	30	M	140.16	0	140.16			140.16	4.2	Quoted	M	16	0.48
	1/4" Polyrope	##	M	80.24	0	80.24			80.24	16.05	Quoted	M		
4" x 3" Spacing	Base Spacers - EB / DB Duct	9	C	111.91	0	111.91			111.91	10.07	Quoted	C	14	1.26
4" x 3" Spacing	Intermediate Spacers - EB / DB Duct	6	C	95.55	0	95.55			95.55	5.73	Quoted	C	14	0.84
										935.22				29.047

Change Order Request

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

Date: 10/9/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 27 - PCO 042 - Bulletin 23R & RFI 191

- VOID -

Description of Change: This COR is for all additional work associated with changes directed in RFI 191 and Bulletin 23/23R. No Time Extension Required.

Description	Scope of Work	Cost
Plumbing & HVAC		4,807.00
Electrical		4,613.00
Earthwork		6,658.00
Subtotal of Costs		16,078.00

Change Order Add Ons

Fee	804.00
GL Insurance	171.00
P&P Bond	102.00

Total For Change Order Request **17,155.00**

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 23R

**Project Name: ALBANY COUNTY AIRPORT AUTHORITY No.: IB23R-E-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT**

Date: 10-3-19

Description:

Generator Relocation

Information:

Clarification: See attached sketches 1 through 3 for relocation of generator to west side adjacent D line and vent pipes height clarification per code requirement.

In addition, LeChase to coordinate with Infrastructure to have Cummings modify their vent pipes as shown on the attached sketches prior to shipping and installation of generator. Refer to 233213 – Engine Generator Product Data & Shop Drawings submittal.

IB Status:

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

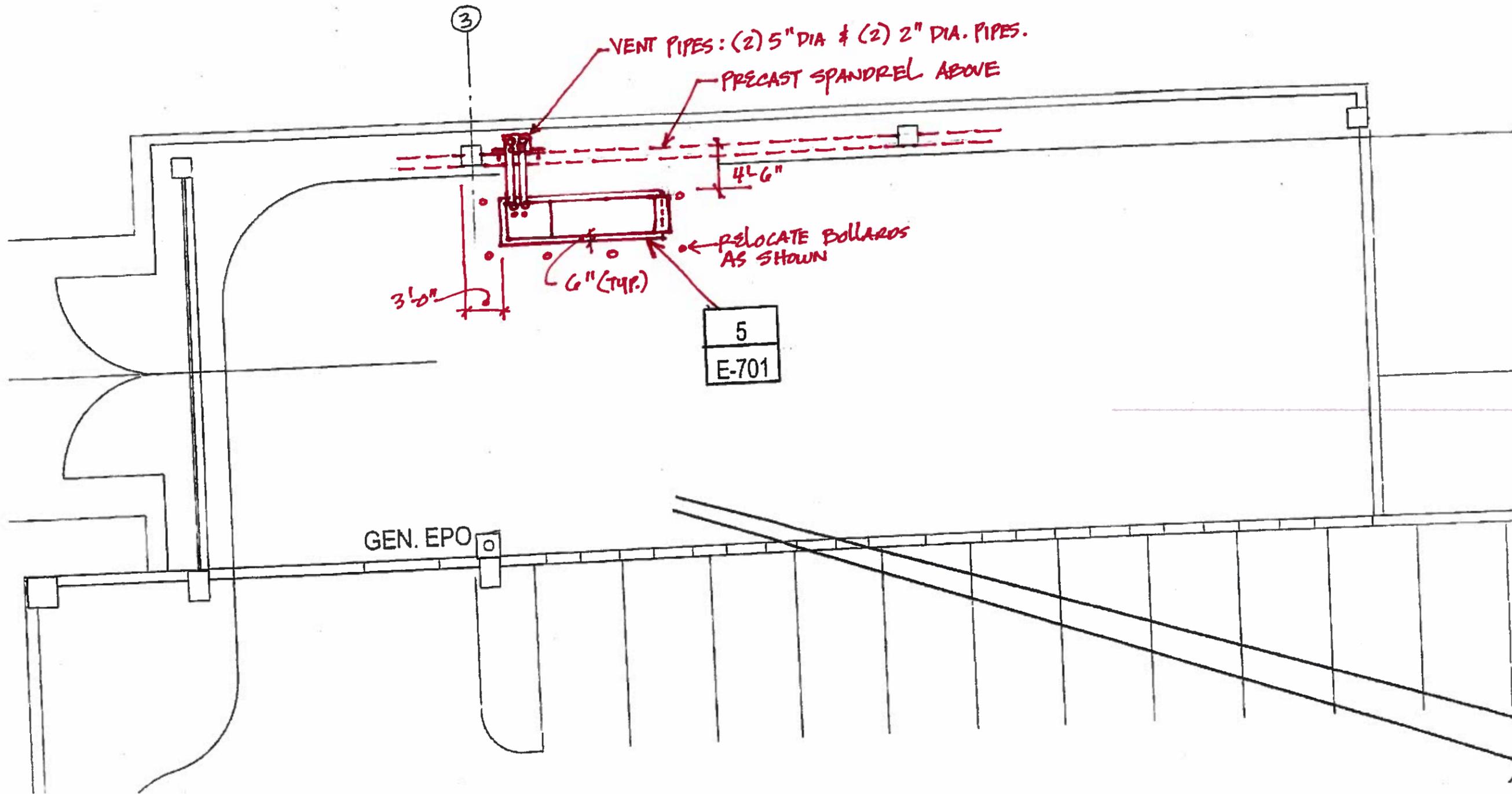
FOR PRICING - Contractor to proceed with this work only after receiving written direction to proceed.

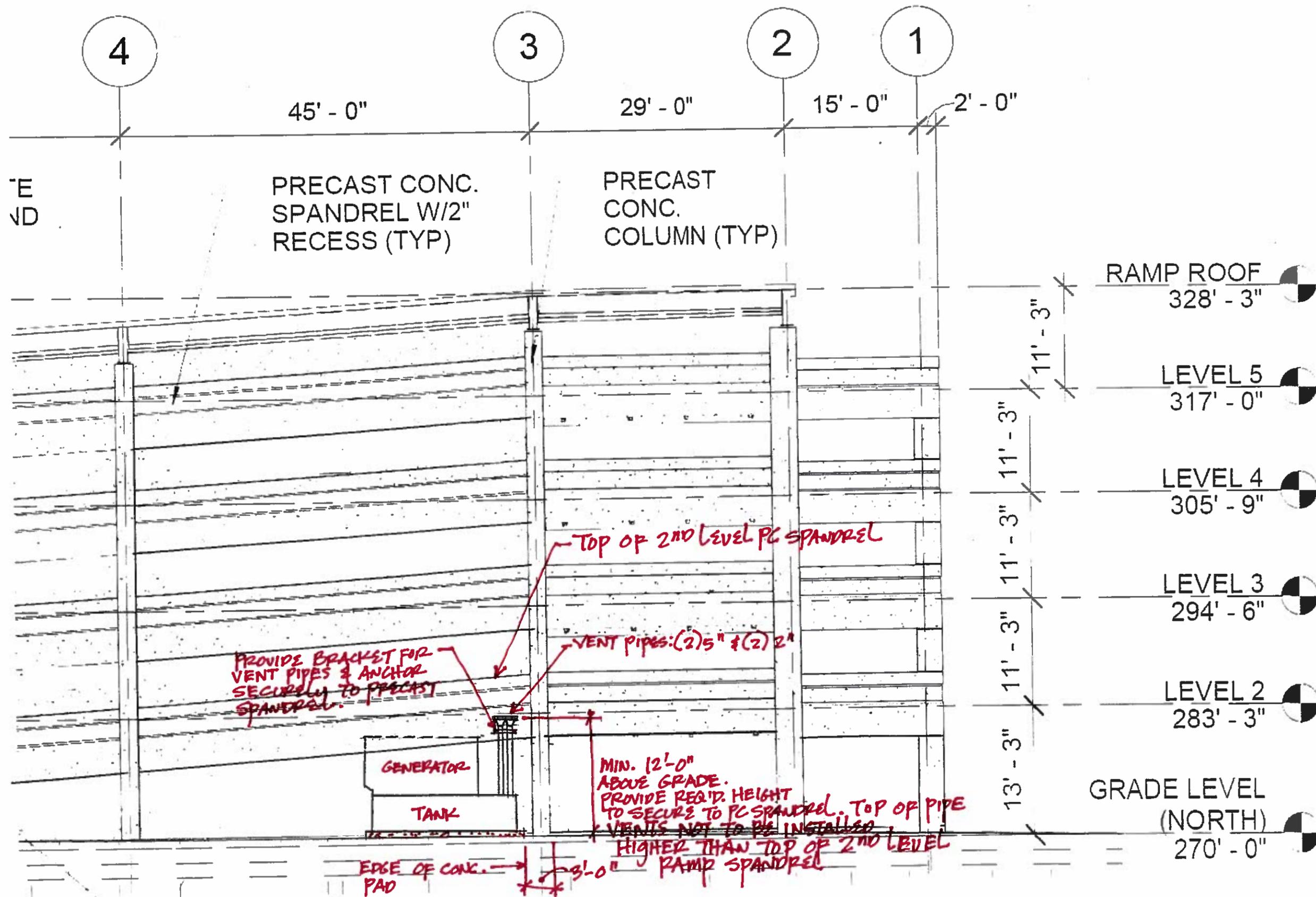
NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

Comments:

Modify (2) primary and secondary vent pipes each that reroute vents outside of ramp structure – see attached sketch 3 of 3.

Generated By: Rich LaRose, CHA





**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>42</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

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)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> 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 generator at the new proposed location and re-route the vent piping to outside of the building footprint as shown in the Information Bulletin 23.

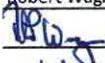
Justification:

Official Response to RFI #191 and Information Bulletin 23 [989-GC-IB23-E-01] moving the generator location to the east side (along column line D) in lieu of it being placed on the west side (along column line C) and re-routing of the vent piping to the outside of the precast structure

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 10/21/19

Contracting Authority Approval

Name John Laffair, PE

Signature 

Date _____



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] Generator Location

TO:	Mark Anderson (CHA - Clough Harbor)	FROM:	Zachary Johnson (LeChase Construction [989-GC]) 229 Harborside Drive, Suite #301 Schenectady, New York 12305
DATE INITIATED:	09/16/2019	STATUS:	Closed
LOCATION:	Parking Garage	DUE DATE:	09/19/2019
PROJECT STAGE:	Course of Construction	COST CODE:	
SUB JOB:		SCHEDULE IMPACT:	TBD
COST IMPACT:	TBD	SPEC SECTION:	263213 [989-GC] - Engine Generator Systems (Pedestrian Bridge & Parking Garage)
DRAWING NUMBER:	Attached	REFERENCE:	
LINKED DRAWINGS:			

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 08:23 AM on 09/16/2019

Please provide the dimensional location of the generator pad from column line C and from column line 3 to the edge of the generator concrete pad. Also, please confirm the exhaust section of the generator is to face North, based on the way the drawing is shown it appears to be depicted this way.

Attachments:

[Generator Pad Location.pdf](#)

Official Response: Eric Riehl (Turner Special Projects Division) responded on Tuesday, September 24th, 2019 at 12:00PM EDT

Please refer to attached sketch depicting the final location of the generator. Please route exhaust piping out the east side of the parking garage and into open space and not under the parking garage

Attachments:

[Generator Pad Final Location.pdf](#)

BY _____

DATE _____

COPIES TO _____

Change Order Request



C.O.R. # 052392-95-008

G.C. #

Date: 10/7/2019

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:

Generator Vent Extension

Furnish and install pipe, fittings and bracket to spandrel as shown in bulletin #23.

Clarifications:

- Carbon steel A53 ERW pipe to be used
- 5" piping to be welded using standard weight fittings
- 2" piping to be threaded using 150# malleable fittings

Exclusions:

- Core drilling
- Warantee on generator
- Painting

Change Order Price \$4,807.00

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 10/7/2019

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. # 052392-95-008

G.C. #

Date: 10/7/2019

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	42.00	\$95.00	\$0.00	\$0.00	\$0.00	\$3,990.00	0.00%	\$0.00	\$3,990.00
Sub Total						\$0.00	\$3,990.00	\$0.00	\$3,990.00
Grand Total						\$0.00	\$3,990.00	\$0.00	\$3,990.00

Materials

Materials	Quantity	Cost	TotalTax	Sub Total	Markup		Total Materials
					%	Amount	
Pipe & Fittings	1.00	\$379.00	\$0.00	\$379.00	10.00%	\$37.90	\$416.90
Sub Total				\$0.00	\$379.00	\$37.90	\$416.90
Grand Total				\$0.00	\$379.00	\$37.90	\$416.90

Equipment

Equipment	Quantity	Cost	TotalTax	Sub Total	Markup		Total Equip.	
					%	Amount		
40' Boom Lift Daily	1.00	\$400.00	\$0.00	\$400.00	0.00%	\$0.00	\$400.00	
Sub Total				0.00	\$400.00	\$0.00	\$400.00	
Grand Total				0.00	\$400.00	\$0.00	\$400.00	
Total							\$4,806.90	
Total							\$4,807.00	

Postler & Jaeckle Corp

Material & Labor Detail

Project Name: ALB P&J Takeoff
Bid ID: ALB-001
Report Time: 10/7/2019 11:32 AM
Profile Name: Standard
Labor Book: MCA
Scoped By: Base Bid; Drawing: AAP Bulletin 23R;

Postler & Jaeckle Corp

Material & Labor Detail

There were 8 calculation messages.

Project Name: ALB P&J Takeoff

Page 1

Bid ID: ALB-001

Report Time: 10/7/2019 11:32:15 AM

Data Calculated: 10/7/2019 10:51:14 AM

Base Bid; Drawing: AAP Bulletin 23R;

Pipe

Carbon Steel - Plain End Black Sch 40 - ButtWld

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
A53 ERW....						
	5	20	7.56	151	0.39	8
Carbon Steel - Plain End Black Sch 40 - ButtWld Totals:						
		<u>20</u>		<u>151</u>		<u>8</u>

Carbon Steel - Threaded Black Sch 40 - Thread

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
A53 CW.....						
	2	20	2.56	51	0.13	3
Carbon Steel - Threaded Black Sch 40 - Thread Totals:						
		<u>20</u>		<u>51</u>		<u>3</u>

Pipe Totals:		<u>40</u>		<u>202</u>		<u>10</u>
---------------------	--	-----------	--	------------	--	-----------

Fittings

Carbon Steel - ButtWeld SW-WeldBend - ButtWld

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
90 Deg Elbow LR						
	5	4	13.99	56	5.63	23
Carbon Steel - ButtWeld SW-WeldBend - ButtWld Totals:						
		<u>4</u>		<u>56</u>		<u>23</u>

Malleable Iron - Threaded, Galvanized Class 150 - Thread

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
90 Deg Elbow						
	2	4	7.08	28	1.30	5
Malleable Iron - Threaded, Galvanized Class 150 - Thread Totals:						
		<u>4</u>		<u>28</u>		<u>5</u>

Fittings Totals:		<u>8</u>		<u>84</u>		<u>28</u>
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Hanger Components

- Beam Clamps -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig156 AdjSide						
	3/8	2	2.18	4	0.00	0
	5/8	1	2.75	3	0.00	0
- Beam Clamps - Totals:						
		<u>3</u>		<u>7</u>		<u>0</u>

Postler & Jaeckle Corp Material & Labor Detail

There were 8 calculation messages.

Project Name: ALB P&J Takeoff

Page 2

Bid ID: ALB-001

Report Time: 10/7/2019 11:32:16 AM

Data Calculated: 10/7/2019 10:51:14 AM

Base Bid; Drawing: AAP Bulletin 23R;

Hanger Components

- Clamps & UBolts -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 120 UBolt Gal						
	2	2	3.96	8	0.00	0
	5	2	10.26	21	0.00	0
- Clamps & UBolts - Totals:		<u>4</u>		<u>28</u>		<u>0</u>

- Clevis -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 11 Clevis Glv						
	6	2	6.16	12	0.00	0
	10	1	17.55	18	0.00	0
- Clevis - Totals:		<u>3</u>		<u>30</u>		<u>0</u>

- Saddles & Shields -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 167 Insl Shield						
	6	2	4.75	9	0.23	0
	10	1	9.58	10	0.23	0
- Saddles & Shields - Totals:		<u>3</u>		<u>19</u>		<u>1</u>

Carbon Steel - Rods -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Fig 54 Allthread Blk						
	3/8	8	0.25	2	0.00	0
	5/8	4	0.76	3	0.00	0
Carbon Steel - Rods - Totals:		<u>12</u>		<u>5</u>		<u>0</u>

Hanger Components Totals:	<u>25</u>		<u>90</u>		<u>1</u>
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Labor

Hangers - Hangers -

Item	Size	Qty	Price	Mat. Cost	Unit Lab Hr	Total Hrs
Clevis Hanger(HgrItem IBm&Tr HgRodCC)						
	6	2	0.00	0	1.04	2
	10	1	0.00	0	1.10	1
Hangers - Hangers - Totals:		<u>3</u>		<u>0</u>		<u>3</u>

CHANGE ORDER REQUEST



Contractor: Nfrastructure
Contractor COR #: _____
Bid Package #: 989-GC Bulletin 03 [IB3-PEC] 05/22/19

Albany Airport Parking Garage 989-GCR
Date: 09/26/19
PCO #: PCO-007
Building/Area: Parking Garage

Change Order Reference Document:

RFI #: 191 Bulletin #: _____ Other: _____

Description of Change:

EXTEND DUCT BANK, POWER WIRING, FIRE ALARM TO NEW LOCATION SHOWN ON E-002 AS PART OF RFI-191

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	Days to Complete Added Scope:				
	<input type="text" value="10"/>				
<input checked="" type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime	<table border="1"> <tr> <td>Current Contract Completion Date</td> <td>Adjusted Contract Completion Date:</td> </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

Change Order Request

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

Date: 10/15/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 39 - PCO 043 - Bulletin 16A-PARCS Changes

Description of Change: This COR is for all additional work associated with Bulletin 16A. In summary...Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

NOTE: We are assuming that the electrical conduits can be direct buried, in other words, no concrete, or reinforcing for duct bank is included. These items as noted are EXCLUDED

NO TIME EXTENSION REQUIRED

Description	Scope of Work	Cost
Electrical		28,026.00
Earthwork		1,723.00
	Subtotal of Costs	29,749.00

Change Order Add Ons

Fee	1,678.00
GL Insurance	358.00
P&P Bond	215.00

Total For Change Order Request **32,000.00**

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Change Order Request

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

Date: 10/15/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # 039 - PC 043 - Bulletin 16A-PARCS Changes

Description of Change: FOR all additional work associated with Bulletin 16A. In summary...Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

NOTE: We are assuming that the electrical conduits can be direct buried, in other words, no concrete, or rebar for duct bank is included. These items as noted are EXCLUDED

NO TIME EXTENSION REQUIRED

Description	Scope of Work	Cost
Electrical		29,526.00
Earthwork		4,042.00
Subtotal of Costs		33,568.00
Change Order Add Ons		
	Fee	1,678.00
	GL Insurance	358.00
	P&P Bond	215.00
Total For Change Order Request		35,819.00

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

Print: _____ **Print:** FAULKNER **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 39

Revision Number: 1

Construction Manager Response to Change Order: **LeChase Construction Response to CM Comments:** **Keller-**

1. Why is there additional trenching? Trenches were already open and not backfilled.

There was additional width of trench required, additional coordination, lost time, additional backfill, additional conduit runs to get under the slab before the crews were placing stone and subbase.

Infrastructure-

1. Was 92 hours spent on OT since the concrete pours got pushed back? Please provide reasoning for OT.

We are still working OT to finish this work. All of the work in this bulletin has been done on Saturdays so we do not affect the project schedule.

Change Order Request # : 39 - PCO 043 - Bulletin 16A-PARCS Changes

Description of Change:

This COR is for all additional work associated with Bulletin 16A. In summary...Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

NOTE: We are assuming that the electrical conduits can be direct buried, in other words, no concrete, or reinforcing for duct bank is included. These items as noted are EXCLUDED

NO TIME EXTENSION REQUIRED

Description Scope of Work Cost
Electrical 29,526.00
Earthwork 4,042.00
Subtotal of Costs 33,568.00
Change Order Add Ons
Fee 1,678.00
GL Insurance 358.00
P&P Bond 215.00
Total For Change Order Request 35,819.00

CHA - Electrical

1. Missing all material, only labor provided. Why are there overtime hours?

CHA – Site/Civil

Change Order Request #: 39 - PCO 043 - Bulletin 16A-PARCS Changes

Description of Change:

This COR is for all additional work associated with Bulletin 16A. In summary...Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

NOTE: We are assuming that the electrical conduits can be direct buried, in other words, no concrete, or reinforcing for duct bank is included. These items as noted are EXCLUDED

NO TIME EXTENSION REQUIRED

	Description Scope of Work Cost
	Electrical 29,526.00
	Earthwork 4,042.00
	Subtotal of Costs 33,568.00
	Change Order Add Ons
	Fee 1,678.00
	GL Insurance 358.00
	P&P Bond 215.00
	Total For Change Order Request 35,819.00

CHA - Electrical

1. Based on the requested backup information that was provided 11-20-19, labor and material costs for associated PARCS work appears to be fair and reasonable.

CHA – Site/Civil

1. Keller’s straight time labor appears to be reasonable and acceptable, not sure why OT hours are included? Provide justification for OT hours.

Change Order Request

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

Date: 10/15/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 39 - PCO 043 - Bulletin 16A-PARCS Changes

- VOID -

Description of Change: This COR is for all additional work associated with Bulletin 16A. In summary...Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

NOTE: We are assuming that the electrical conduits can be direct buried, in other words, no concrete, or reinforcing for duct bank is included. These items as noted are EXCLUDED

NO TIME EXTENSION REQUIRED

Description	Scope of Work	Cost
Electrical		29,526.00
Earthwork		4,042.00
	Subtotal of Costs	33,568.00

Change Order Add Ons

Fee	1,678.00
GL Insurance	358.00
P&P Bond	215.00

Total For Change Order Request

35,819.00

Albany County Airport Authority

LeChase Construction Services, LLC Other: If Applicable

Print: _____

Print: FAULKNER

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>44</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

Adjustment to Contract Sum (indicate if zero cost)

Add: \$ TBD Deduct: \$ _____

Adjustment to Contract Time

- | | |
|---|--|
| <input checked="" type="checkbox"/> No Change | <input type="checkbox"/> Days Added |
| | <input type="checkbox"/> Days Deducted |

Cost Basis (check all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> Unit Price |

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

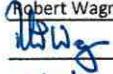
Provide labor and material to install the additional conduits and branch circuit wiring and breakers as indicated on the updated Electrical Drawings (E-101, E-102, E-103 and E-104) dated 10.04.19

Justification:

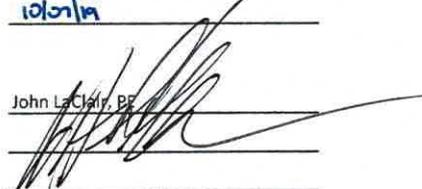
989-GC Information Bulletin 16A [IB16A-E-01] dated 10.04.19 for the changes to the PARCs conduit rough-ins and new branch circuits.

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

Construction Manger Recommendation

Name	<u>Robert Wagner</u>
Signature	<u></u>
Date	<u>10/20/19</u>

Contracting Authority Approval

Name	<u>John LaClair, PE</u>
Signature	<u></u>
Date	_____



INFORMATION BULLETIN NO. 16A

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

Date: 10-4-19

Description:

PARCs Conduit Rough-ins and New Branch Circuits

Information:

Provide additional conduits and branch circuit wiring and breakers as indicated on attached Electrical Drawing E-101, E-102, E-103 and E-104.

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:

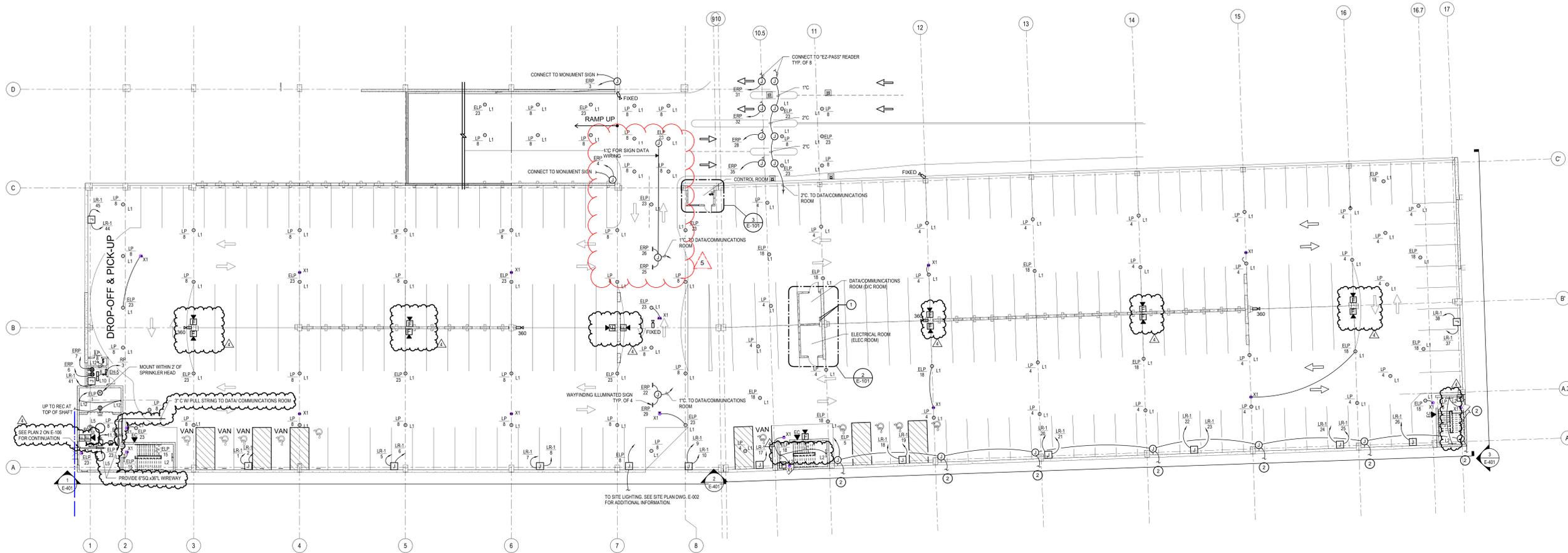
Generated By: Mark Anderson, CHA

GENERAL NOTES:

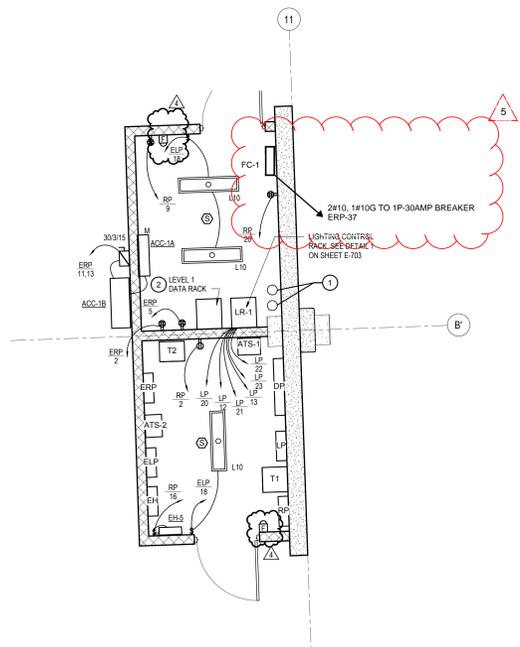
1. ALL BRANCH CIRCUIT WIRING TO BE #12 AWG. CONDUIT ROUTING NOT SHOWN FOR CLARITY. CONTRACTOR TO ROUTE CONDUITS PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. USE EXISTING 4" PIP SLEEVES THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.

CODED NOTES:

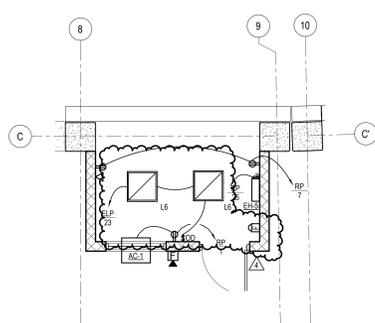
1. PROVIDE (2) 4" RGS CONDUITS UP TO LEVEL 4 DATA/COMMUNICATIONS ROOM.
2. TO EXTERIOR WALL MOUNTED LIGHTING. SEE SITE PLAN DWG. E-002 FOR ADDITIONAL INFORMATION.
3. PROVIDE PA SYSTEM AMPLIFIER AT LAMP #1042404CH IN OWNER FURNISHED RACK. WIRE ALL PA SPEAKERS TO AMPLIFIER.



1 ELECTRICAL GRADE LEVEL GARAGE PLAN
 1/8" = 1'-0"



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



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



PLAN NORTH



THIS SEAL IS VALID FOR THE STATE OF NEW YORK. IT IS THE RESPONSIBILITY OF THE ENGINEER TO MAINTAIN THE SEAL IN GOOD STANDING. THE SEAL IS VALID FOR THE STATE OF NEW YORK. IT IS THE RESPONSIBILITY OF THE ENGINEER TO MAINTAIN THE SEAL IN GOOD STANDING.

ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

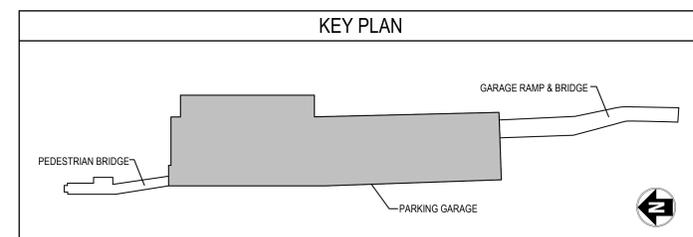
No.	Submitter / Revision	PREPARED BY	Date
5	IB-16A		10-6-19
4	ADD BR. COG		4/8/19
3	RESUBMITTED FOR BID		3/15/19
2	ADDENDUM #3		3/8/19
1	ADDENDUM #1		3/1/19
0	ISSUED FOR BID		2/15/19

ELECTRICAL GRADE LEVEL PLAN

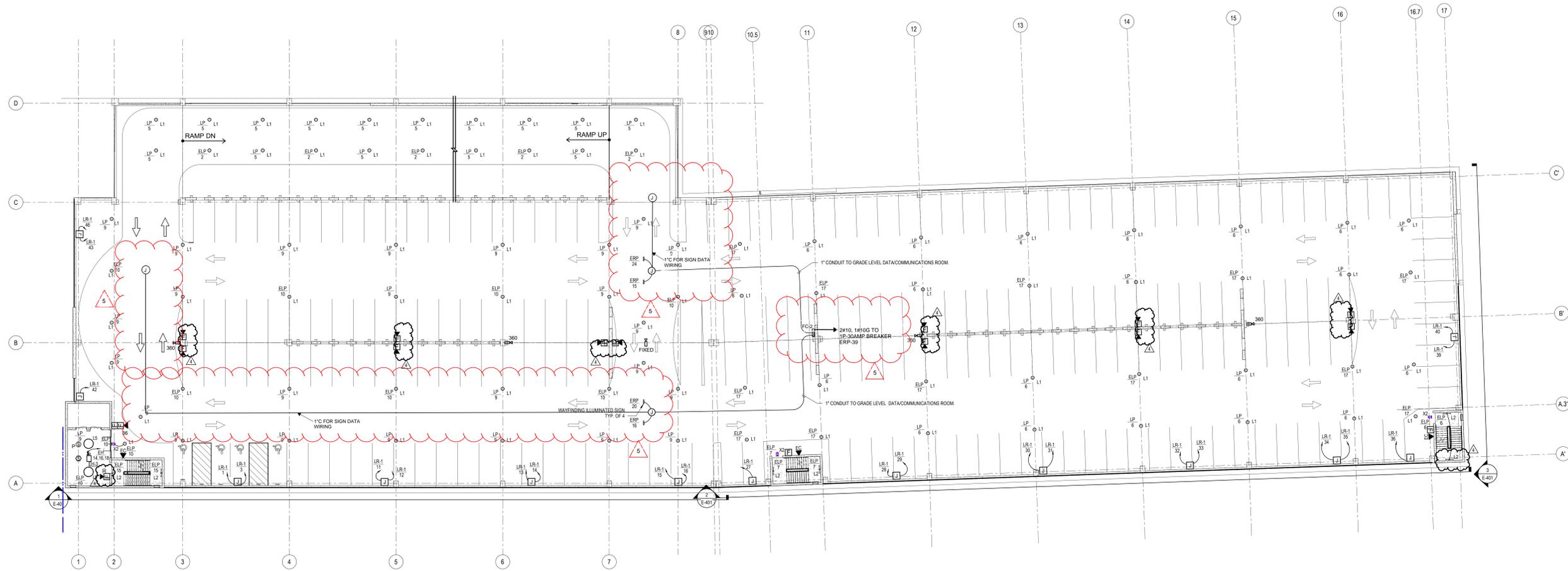
Designed By:	Drawn By:	Checked By:
MDA	MDA	MDA
Issue Date:	Project No:	Scale:
2/15/19	35034	AS SHOWN

Drawing No.

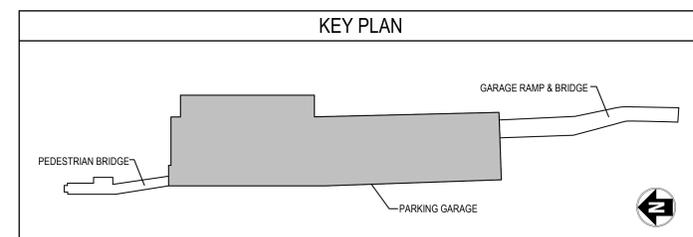
E-101



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 #4" P-SLEEVES THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.



1 ELECTRICAL LEVEL 2 GARAGE PLAN
 1/16" = 1'-0"



THIS PLAN AND ALL INFORMATION HEREON IS THE PROPERTY OF CH2M HILL. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS PLAN WITHOUT THE WRITTEN CONSENT OF CH2M HILL IS STRICTLY PROHIBITED.

ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No.	Submitter / Revision	PREPARED BY	Date
5	IB-16A		10-4-19
4	ADD #3 - LOCK		4/24/19
3	REVISED FOR BID		3/15/19
2	ADDENDUM #3		3/8/19
1	ADDENDUM #1		3/1/19
0	ISSUED FOR BID		2/15/19

ELECTRICAL LEVEL 2 PLAN

Designed By	Drawn By	Checked By
MDA	MDA	MDA
Issue Date	Project No	Scale
2/15/19	35034	AS SHOWN

- GENERAL NOTES:
- 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 #40 SLEEVES THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.
- CODED NOTES:
- PROVIDE ALL ELECTRICAL ROUGH-INS FOR PARKING CONTROL EQUIPMENT AS INDICATED ON AMANO MCGANN DRAWINGS.



1 ELECTRICAL LEVEL 3 GARAGE PLAN
 1/16" = 1'-0"



THIS PLAN AND ALL INFORMATION HEREON ARE THE PROPERTY OF CH2M HILL. NO PART OF THIS PLAN OR INFORMATION HEREON IS TO BE REPRODUCED 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 CH2M HILL.

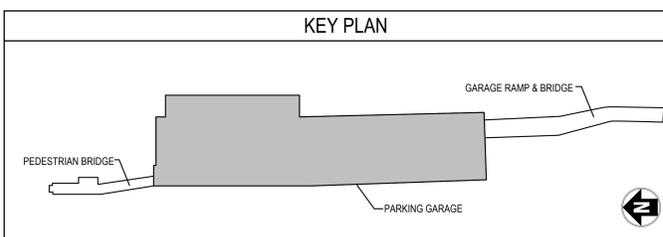
ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

No.	Submitter / Revision	PREPARED BY	Date
6	IBS-16A		10-4-19
5	ADDENDUM #5		4/11/19
4	ADD. I&E COST		4/8/19
3	REVISIONS FOR BID		3/15/19
2	ADDENDUM #3		3/8/19
1	ADDENDUM #1		3/1/19
0	ISSUED FOR BID		2/15/19

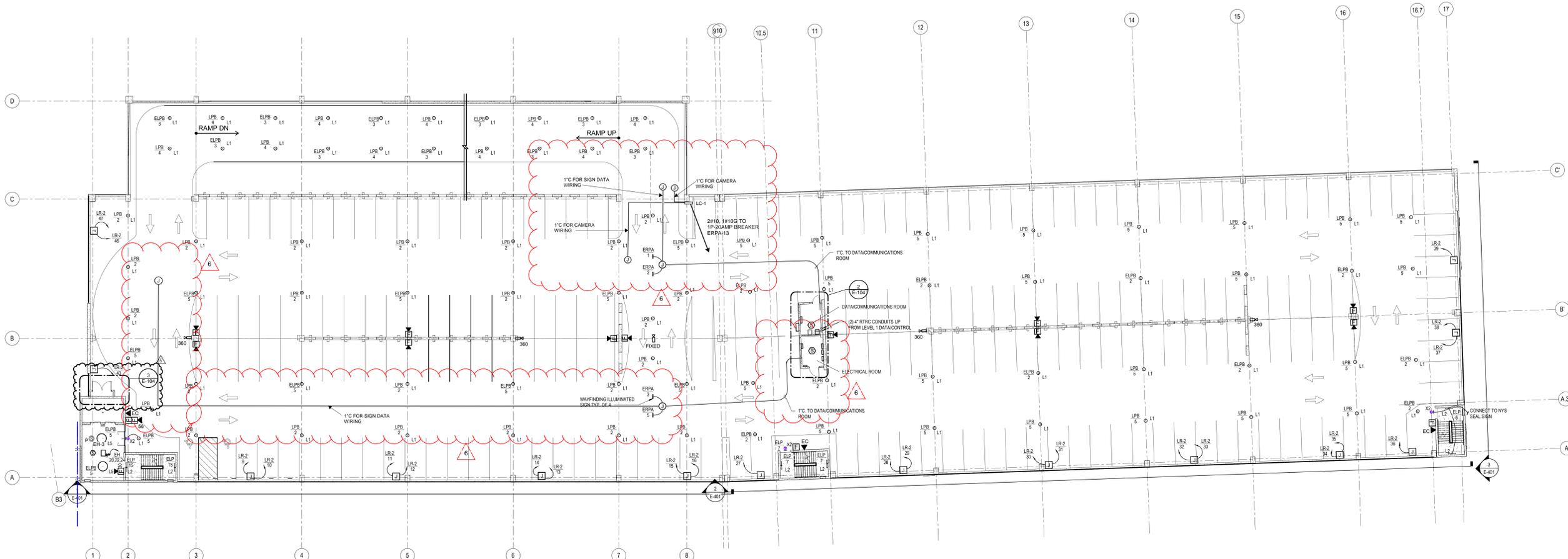
ELECTRICAL LEVEL 3 PLAN

Designed By:	Drawn By:	Checked By:
MJKA	JACK	MJKA
Issue Date:	Project No:	Scale:
2/15/19	35034	AS SHOWN

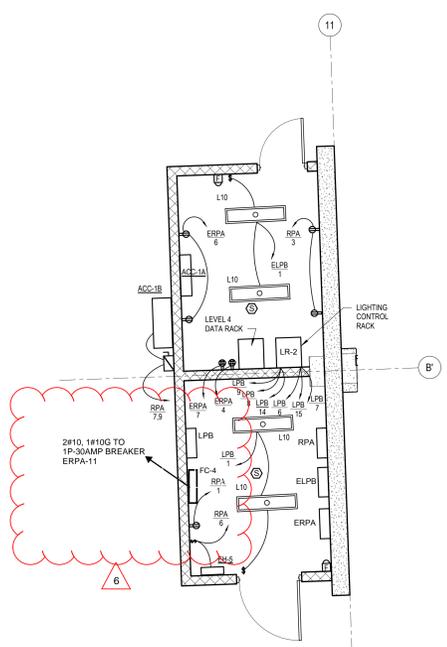
Drawing No:
E-103



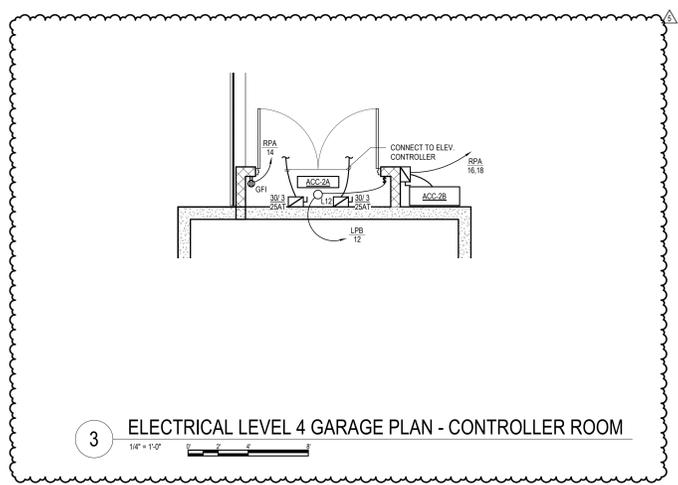
GENERAL NOTES:
1. ALL BRANCH CIRCUIT WIRING TO BE #12AWG. CONDUIT ROUTING NOT SHOWN FOR CLARITY. CONTRACTOR TO ROUTE CONDUITS PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. USE EXISTING 4" P/S SLEEVES THROUGH STRUCTURAL TEES TO ROUTE CONDUIT THROUGH.



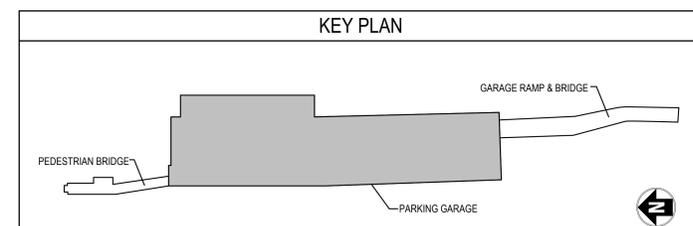
1 ELECTRICAL LEVEL 4 GARAGE PLAN
1/16" = 1'-0"



2 ELECTRICAL LEVEL 4 GARAGE PLAN - ENLARGED VIEW
1/4" = 1'-0"



3 ELECTRICAL LEVEL 4 GARAGE PLAN - CONTROLLER ROOM
1/4" = 1'-0"



ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

Revision table with columns: No., Submitter/Revision, PREPARED BY, Date.

ELECTRICAL LEVEL 4 PLAN

Design and issue information table with columns: Designed By, Drawn By, Checked By, Issue Date, Project No., Scale.

Drawing No. E-104

Vertical text on the left margin: Update this text with Control file location. Saved: 4/11/2019 4:45:02 PM. Current User: JHE

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	1322	C	45.28	0	45.28			45.28	598.6	Quoted	C	6	79.32
1"	Elbow 90 Degree - PVC 80 Plain End	12	C	269.26	0	269.26			269.26	32.31	Quoted	C	28.8	3.456
1"	Elbow 90 Degree - PVC 80 Plain End	18	C	269.26	0	269.26			269.26	48.47	Quoted	C	28.8	5.184
1"	Coupling - PVC	50	C	16.59	0	16.59			16.59	8.3	Quoted	C	0.18	0.09
1"	Connector - PVC Socket to Threaded	12	C	25.91	0	25.91			25.91	3.11	Quoted	C	18	2.16
1"	Connector - PVC Socket to Threaded	16	C	25.91	0	25.91			25.91	4.15	Quoted	C	18	2.88
1"	Bushing - Plastic 105 Degree	12	C	14.96	0	14.96			14.96	1.8	Quoted	C	0.13	0.016
1"	Bushing - Plastic 105 Degree	16	C	14.96	0	14.96			14.96	2.39	Quoted	C	0.13	0.021
1"	Locknut - Steel	20	C	19.28	0	19.28			19.28	3.86	Quoted	C	0.13	0.026
1"	C. Conduit Body - PVC w/ Cover & Gasket	4	C	291.96	0	291.96			291.96	11.68	Quoted	C	50	2
1"	Measure Cut & Ream Labor - PVC 80	50	E	0	0						No Cost	E	0.05	2.5
	PVC Cement All-Weather (US Oz)	13	E	7.29	0	7.29			7.29	94.77	Quoted	E	0.25	3.25
12" H x 12" W x 8" D	Junction Box 2 Screws Deep Raised Hinged Cover - Fiberglass	9	E	57.25	0	57.25			57.25	515.25	Quoted	E	0.9	8.1
#10 Black	Wire THHN / T90 - Copper	590	M	145	0	145			145	85.55	Quoted	M	7	4.13
#10 Green	Wire THHN / T90 - Copper	295	M	145	0	145			145	42.78	Quoted	M	7	2.065
1"	Conduit Clip Snap Close w/ 1/4-20 Threaded Hole	436	C	92.6	0	92.6			92.6	403.74	Quoted	C	12.5	54.5
1/4-20 x 1-3/4"	Stud (Wedge) Anchor - Stainless Steel 316	508	C	122.54	0	122.54			122.54	622.5	Quoted	C	16	81.28
20A 1P	Breaker Molded Case - Open	1	E	46.82		46.82			46.82	46.82	Quoted	E	0.34	0.34
30A 1P	Breaker Molded Case - Open	4	E	56.97	0	56.97			56.97	227.88	Quoted	E	0.38	1.52
	MOUNT FC-3 PANEL	1	E	0		0					No Cost	E	1	1
	MOUNT FC-4 PANEL	1	E	0		0					No Cost	E	1	1
	MOUNT FC-2 PANEL	1	E	0		0					No Cost	E	1	1
	MOUNT FC-1 PANEL	1	E	0		0					No Cost	E	1	1
	MOUNT LC-1 PANEL	1	E	0		0					No Cost	E		
										2753.96				256.838

Change Order Request

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

Date: 11/5/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 51 - PCO 056 - Bulletin 25

Description of Change: This COR is for all additional work associated with Bulletin 25 as directed by the design team.

No time extension required.

Description	Scope of Work	Cost
Earthwork		26,852.00
Concrete Paving		-4,544.00
Curbs		7,144.00
Subtotal of Costs		29,452.00

Change Order Add Ons

Fee	1,472.17
GL Insurance	314.27
P&P Bond	188.56

Total For Change Order Request **31,427.00**

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

Change Order Request

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

Date: 11/5/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : - PCC 56 - Bulletin 25

Description of Change: This CO is for all additional work associated with Bulletin 25 as directed by the design team.
 No time extension required.

Description	Scope of Work	Cost
Earthwork		27,852.00
Concrete Paving		-4,544.00
Curbs		7,144.00
Subtotal of Costs		30,452.00
<u>Change Order Additions</u>		
	Fee	1,448.00
	GL Insurance	309.00
	P&P Bond	185.00
Total For Change Order Request		32,394.00

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 51

Revision Number: 1

Construction Manager Response to Change Order: **LeChase Construction Response to CM Comments:** 

Keller

1. Provide credit for top soil and hydroseed for 374 sf.

This area was originally to be existing sidewalk, which would have been right up against the new building. It was determined early on that the existing sidewalk would need to be cut back to install the new building properly. Because this area was to remain untouched in the base contract, therefore hydroseeding was never thought out of a bid time. We have determined that no credit will be provided. A path forward in directive on the original RFI in this area did not carry hydroseeding.

2. Provide invoice/Quote for Nyloplast drains.

Attached is the invoice for the Nyloplast drains.

3. Work by 4pm, 10hr day 7-5pm, will over time be required. Please provide need for overtime.

Yes, we are working (5) 10 hour days and an 8 hour day on Saturday to get this work done prior to winter. Over time is required.

- Winter protection has been excluded from the pricing, because it was submitted 11/5/19. We can remove the overtime and add winter protection to the pricing if that is needed.

4. Provide backup for winter conditions \$1,100.

There is no winter conditions on this COR, I believe you have misinterpreted the JJP proposal. The \$1,100 is not for winter conditions, this is the difference between the 6" sidewalks (\$5,644) and the heavy duty sidewalk (\$4,544), the line to the left of the \$1,100 is not pointing at the winter conditions line item.



Bid Proposal for Albany Airport Nylo Basins

WM J KELLER & SONS CONSTR CORP

Bid Date: 10/17/2019

Core & Main 1100844

Core & Main

14 Arch St

Watervliet, NY 12189

Phone: 518-273-6300

Fax: 518-273-0238

Seq#	Qty	Description	Units	Price	Ext Price
10	7	12" NYLOPLAST BASIN UNDER 3'	EA	649.00	4,543.00
20	1	15" NYLOBASIN UNDER 3 FT	EA	825.00	825.00

Branch Terms:

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES UPON THIRTY (30) CALENDAR DAYS' NOTICE TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

Change Order Request

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

Date: 11/5/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 51 - PCO 056 - Bulletin 25 - **VOID** -

Description of Change: This COR is for all additional work associated with Bulletin 25 as directed by the design team.

No time extension required.

Description	Scope of Work	Cost
Earthwork		27,852.00
Concrete Paving		-4,544.00
Curbs		7,144.00
	Subtotal of Costs	30,452.00
 Change Order Add Ons		
	Fee	1,448.00
	GL Insurance	309.00
	P&P Bond	185.00
	Total For Change Order Request	32,394.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____



INFORMATION BULLETIN No. 25

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB25-C-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 10-14-19

Description:

Site drainage revisions and concrete joint layout at the west and northwest sides of the pedestrian bridge.

Information:

See the attached drawing IB-25-C-01 for concrete expansion joint and control joint layout and the layout of high and low points with associated drainage structures. Grading information and drainage structures with inverts illustrates the proposed grading for the area between the west side of the pedestrian bridge and the existing canopy/entry sidewalk.

The entire area between the pedestrian bridge and the existing walkway to the west is to be concrete.

IB-3-C-03 is void and replaced by this 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:

Generated By: Jason Chlopecki, CHA

**Albany County Airport Authority
Work Directive**

Contractor Name	<u>LeChase Construction</u>	Change Directive No.	<u>47</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

- | | |
|--|--|
| <input type="checkbox"/> Error/Omission | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Owner Request | <input type="checkbox"/> Field Resolution |
| <input type="checkbox"/> Value Engineering | <input checked="" type="checkbox"/> Information Bulletin |
| <input type="checkbox"/> Request for Information | |

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)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below) | <input type="checkbox"/> 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 site drainage revisions, grade changes and concrete joint layout at the west and northwest side of the pedestrian bridge.

Justification:

989-GC Information Bulletin #25, RFI #205, RFI #215 and RFI #229.

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

Construction Manger Recommendation

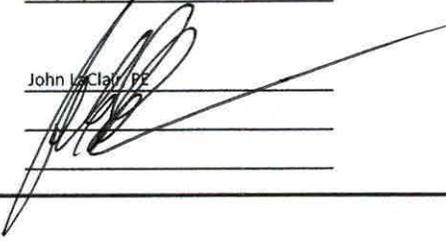
Name Robert Wagner

Signature 

Date 10/15/19

Contracting Authority Approval

Name John LaClair PE

Signature 

Date _____

PROPOSAL

Project: Albany Airport Parking Garage

Proposal # Bulletin 25

Contractor: Le Chace

Date: October 15, 2019

JJP will construct the following items on subject contract, in accordance with project specifications, for the following prices, per JJP's conditions. In any case whatsoever, all terms, conditions and exclusions are to be incorporated into any contract between both parties. If these requirements are not met, then prices are subject to change or will be respectfully withdrawn.

- + 6" Concrete Walks Approx ~~1044~~ ⁶⁸⁰ SF (Total Net Change to the Scope) at \$ 8.30 Per SF Required to be Buggied (1 Move & 1 Days) \$5644
- 10" Heavy Duty Concrete \$14.85/SF \$4544

\$1,100

No Winter Conditions (No Hot Water, Polar Set or Covering)
For these prices, JJP will install the above items using material furnished as indicated below.

JJP Slip Forming: Expansion Material, Concrete, Curing Spray, Wire Mesh

General Contractor: Sealers & Caulking

Pavers \$1,500

\$2600

CONDITIONS:

The Contractor shall, at No Cost to JJP:

- **JJP will be given 3 (THREE) Weeks' Notice to Schedule Prior to Commence Work**
- Furnish all payment and/or performance bonds, use tax, permits and licenses
- Furnish and /or install all Wet Cure, Sealants, Caulking, Anti-Spalling Compound. **Other Than Curing Spray.**
- Furnish all testing and/or inspection of JJP's work.
- Excavate and provide radius / survey points offset within 3 (three) feet behind curb at intervals of no more than 50 (fifty) feet apart for curb and control points for sidewalk.
- Be solely responsible for the maintenance and protection of both vehicular and pedestrian traffic.
- **Notify UFPO and Maintain all Utility Layout Marks for our Use Till Our Work is Completed**
- Be responsible for any damage to JJP's finish work not caused by JJP.
- Furnish and place specified sub-base bedding material within tolerance limits, or 0" to + 1/4".
- Provide 13 lf of access along face side of curb area for equipment.
- Assure that all catch basins, DI's, and curb boxes are set to correct line and grade.
- Remove any/all concrete & granite remnants generated from operations.
- Provide operator / loader to unload granite curb & pavers. Also spot pavers in work areas.
- Provide access to all areas for the discharging of concrete from concrete trucks using its own power.
- Provide access to bridge deck for the unloading of granite curb and materials via truck.
- Remove, Clean and Store reset items, where applicable.
- **Forward all backcharges to JJP within 10 days after occurrence, including concrete invoices.**

*****GC to pay any and all extra costs resulting from working this contract during cold weather conditions. GC to Furnish & Install thermal blankets & ground heaters if needed. For work between November 15th and April 15th, add 30% to unit pricing for winter conditions (unless other pricing has been specifically agreed upon). JJP will not be liable for or warranty any work installed during this period, unless specific terms have been agreed upon.

ASSURE THAT:

- A. All work can be completed prior to _10/2019_ with the understanding that remaining work will be charged at a unit price **10%** higher.
- B. **JJP will be given 3 (THREE) weeks to commence work** and that at least all work area is prepared at such commencement date and at least all work area be continuously prepared ahead. Further, that the JJP can complete all their work in no more than As Noted move(s) on and off the project.
- C. Additional moves will be paid at \$ 1000.00 per move.
- D. **JJP will be paid for down time incurred due to site not being prepared at a rate of \$ 800.00 Per Crew Hour.**

The contractor will make payment to JJP Slip forming, Inc. for the work performed on this project within fifteen days upon receipt from owner with no more than 5% retainage held. All Invoices unpaid after 30 (Thirty) days will incur interest charges at 1.5% per month, plus attorney's fees if used for collection.

If, for any cause which is not the fault of the JJP, a certificate of payment is not issued or the contractor does not receive timely payment or does not pay the JJP within 30 days after receipt of payment from the owner, payment to JJP shall be made upon demand.

JJP Slip Forming, Inc. will provide a Certificate of Insurance naming the contractor as additional insured using the following limits: General Liability of \$1m each occ / \$3m general agg. Automobile of \$1m combined single limit. Excess Liability for \$2m each occurrence & \$2m aggregate. If additional insurance is required, it can be obtained at the expense of the contractor/owner.

If the Contractor wishes to award the work described herein to JJP, They may use this proposal as a letter of intent, until formal agreement can be executed (which incorporates proposal), by signing and dating where indicated below, returning this copy to JJP.

Expiration date of Proposal is 45 days from proposal date.

ACCEPTED BY CONTRACTOR:

Company: _____

By: _____

Title _____

Date: _____

SUBMITTED BY JJP:

JJP Slipforming, Inc.

By: _____
Craig Bouvier

Title: _____ Vice President _____

Date: _____

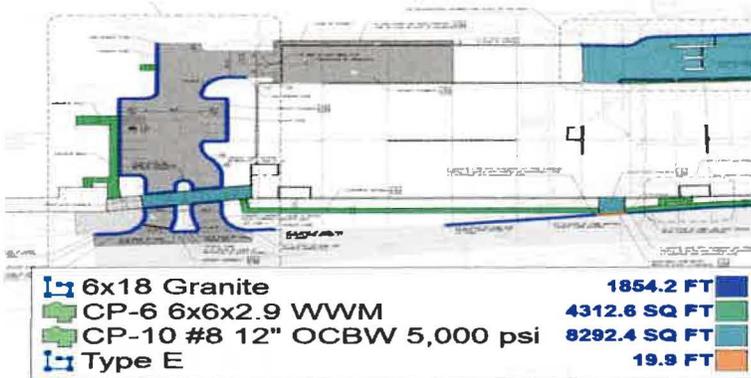
was not in scope
now 374 SF 6" walk

was 10" HD conc
now 6" walk

306 SF

CP-6 6x6x2.9 WWM 1649.9 SQ FT

Fix hmmm
Paver
Transition



6" 680 SF
- 10" 306 SF

Change Order Request

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

Date: 11/25/2019

Owner : Albany County Airport Authority

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

Reason:

Change Order Request # : 55 - PCO 89 Bulletin 24

Description of Change: Furnish/install the concrete monument sign foundation in accordance with Bulletin 24. This cost encapsulates added sitework, concrete work, added reinforcing and an added electrical scope.

Description	Scope of Work	Cost
Concrete		7,540.00
Concrete Reinforcing		1,585.00
Electrical		5,738.66
Earthwork		5,139.00
Subtotal of Costs		20,002.66
 <u>Change Order Add Ons</u>		
	Fee	999.85
	GL Insurance	213.44
	P&P Bond	128.06
Total For Change Order Request		21,344.00

Albany County Airport Authority

LeChase Construction Services, LLC

Other: If Applicable

Print: _____

Print: _____

Print: _____

Signed: _____

Signed: _____

Signed: _____

Date: _____

Date: _____

Date: _____

CHANGE ORDER REQUEST



Contractor: LeChase - Selfperform
Contractor COR #: 15
Bid Package #: 989 GC

Albany Airport Parking Garage 989-GCR
Date: 11/07/19
PCO #: LC014
Building/Area: Parking garage

Change Order Reference Document:

RFI #: X Bulletin #: 24 Other: X

Description of Change:

Furnish/install all material, labor, equipment and layout needed to install the concrete foundations for the monument sign per bulletin 24.

**Justification
Bulletin 24.**

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:

- A - Zero / Noncritical Impact to Schedule
- B - Impact Critical, Recoverable w/ Overtime
- C - Impact Critical, Not Recoverable

Days to Complete Added Scope:

3	
Current Contract Completion Date	Adjusted Contract Completion Date:

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



Contractor: Whitacre Engineering Co
Contractor COR #: _____
Bid Package #: 989GC

Albany Airport Parking Garage 989-GCR
Date: 11/14/19
PCO #: 110
Building/Area: Outside of Garage

Change Order Reference Document:

RFI #: _____ Bulletin #: 24,24R Other: _____

Description of Change:

Monument Parking Garage FND added to job.

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:

- A - Zero / Noncritical Impact to Schedule
- B - Impact Critical, Recoverable w/ Overtime
- C - Impact Critical, Not Recoverable

Days to Complete Added Scope:

Current Contract Completion Date	Adjusted Contract Completion Date:
_____	_____

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: Outside of Garage

PCO #: 110
 COR #:

Subcontractor/Vendor: Whitacre Engineering Co
 BP #: 989GC
 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	Labor Costs			Total			Start	Finish
														Straight Time	EO Time & 1/2	EO Double Time					
1		Material-Bar	253	lbs	\$0.62	\$157.00														#REF!	#REF!
2		Material-Accessories	20	lf	\$0.60	\$12.00														#REF!	#REF!
3		Detailing	1	hr	\$65.00	\$65.00														#REF!	#REF!
4		Delivery	1	ea	\$850.00	\$850.00														#REF!	#REF!
																				#REF!	#REF!
		Net Subtotals:				\$1,084.00				Net Subtotals:										\$0.00	\$0.00
		Total SGA & OH+P				\$162.60	15.00%			FEE @5%										\$0	\$0.00
									GL @ 1%											\$0	\$0.00
		Tax (if applicable)				\$0.00														\$0.00	\$0.00
		Total				\$1,246.60			Total											\$0	\$338.00
																					\$1,585

Subcontractor Labor Rate Form:		Job# _____
		revised 7-1-19
Project: _____	Trade: Local 12 - Albany	
Company: Whitacre Engineering Company	Class: Journeyman	
Rates Applicable for Period: Today	Through: 7/1/2020	

		Straight Time	Time and One Half	Double Time	Premium Only
Wages:					
1 Base Wage Rate Per Hour		\$ 31.55	\$ 47.33	\$ 63.10	\$ 15.78
2 Taxable vacation/holiday		\$ -	\$ -	\$ -	\$ -
3 Total Taxable Wage Rate		\$ 31.55	\$ 47.33	\$ 63.10	\$ 15.78
Taxes & Insurance (based on item 3)					
4 Social Security & Medicare Tax	7.65%	\$ 2.41	\$ 3.62	\$ 4.83	\$ 1.21
5 Federal Unemployment Tax	0.60%	\$ 0.19	\$ 0.28	\$ 0.38	\$ 0.09
6 FUTA Surcharge	0.00%	\$ -	\$ -	\$ -	\$ -
7 State Unemployment Tax	8.30%	\$ 2.62	\$ 3.93	\$ 5.24	\$ 1.31
8 Workers Compensation Insurance - 5213	20.00%	\$ 6.31	\$ 9.47	\$ 12.62	\$ 3.16
9 Gen. Liability Insurance	4.04%	\$ 1.27	\$ 1.91	\$ 2.55	\$ 0.64
10 Umbrella Coverage	0.74%	\$ 0.23	\$ 0.35	\$ 0.47	\$ 0.12
11 Total Taxes and Insurance	41.33%	\$ 13.04	\$ 19.56	\$ 26.08	\$ 6.52
Fringe Benefits (Describe each):					
12 Health & Welfare hrs/wrk 0		\$ 6.50	\$ 6.50	\$ 6.50	\$ -
13 Pension Fund hrs/wrk 0		\$ 13.43	\$ 13.43	\$ 13.43	\$ -
14 Annuity hrs/wrk 0		\$ 3.75	\$ 3.75	\$ 3.75	\$ -
15 Education & Train hrs/wrk 0		\$ 1.25	\$ 1.25	\$ 1.25	\$ -
16 Employers Coop T hrs/wrk 0		\$ 1.18	\$ 1.18	\$ 1.18	\$ -
17 Distric Council hrs/wrk 0		\$ 2.48	\$ 2.48	\$ 2.48	\$ -
18 Industry Adv hrs/wrk 0		\$ 0.07	\$ 0.07	\$ 0.07	\$ -
19 IMPACT hrs/wrk 0		\$ 0.22	\$ 0.22	\$ 0.22	\$ -
20 hrs/wrk 0		\$ -	\$ -	\$ -	\$ -
21 hrs/wrk 0		\$ -	\$ -	\$ -	\$ -
22 Total Fringe Benefits		\$ 28.88	\$ 28.88	\$ 28.88	\$ -
TOTAL LABOR COST PER HOUR (Lines 3 + 11 + 22)		\$ 73.47	\$ 95.76	\$ 118.06	\$ 22.29
OVERHEAD	10%	\$ 7.35	\$ 9.58	\$ 11.81	\$ 2.23
PROFIT	5%	\$ 3.67	\$ 4.79	\$ 5.90	\$ 1.11
TOTAL		\$ 84.49	\$ 110.13	\$ 135.77	\$ 25.64

Prime Contractor Intial _____	Subcontractor Intial: _____
Date: _____	Date: _____

Job# 0

Subcontractor Labor Rate Form:

Project: 0 Trade: Local 12 - Albany

Company: Whitacre Engineering Company Class: Foreman

Rates Applicable for Period: Today Through: 7/1/2020

				Straight Time	Time and One Half	Double Time	Premium Only
Wages:							
1	Base Wage Rate Per Hour			\$ 33.55	\$ 50.33	\$ 67.10	\$ 16.78
2	Taxable vacation/holiday			\$ -	\$ -	\$ -	\$ -
3	Total Taxable Wage Rate			\$ 33.55	\$ 50.33	\$ 67.10	\$ 16.78
Taxes & Insurance (based on item 3)							
4	Social Security & Medicare Tax	7.65%		\$ 2.57	\$ 3.85	\$ 5.13	\$ 1.28
5	Federal Unemployment Tax	0.60%		\$ 0.20	\$ 0.30	\$ 0.40	\$ 0.10
6	FUTA Surcharge	0.00%		\$ -	\$ -	\$ -	\$ -
7	State Unemployment Tax	8.30%		\$ 2.78	\$ 4.18	\$ 5.57	\$ 1.39
8	Workers Compensation Insurance	20.00%		\$ 6.71	\$ 10.07	\$ 13.42	\$ 3.36
9	Liability Insurance	4.04%		\$ 1.35	\$ 2.03	\$ 2.71	\$ 0.68
10	Umbrella Coverage	0.74%		\$ 0.25	\$ 0.37	\$ 0.50	\$ 0.12
11	Total Taxes and Insurance	41.33%		\$ 13.87	\$ 20.80	\$ 27.73	\$ 6.93
Fringe Benefits (Describe each):							
12	Health & Welfare	hrs/wrk	0	\$ 6.50	\$ 6.50	\$ 6.50	\$ -
13	Pension Fund	hrs/wrk	0	\$ 13.43	\$ 13.43	\$ 13.43	\$ -
14	Annuity	hrs/wrk	0	\$ 3.75	\$ 3.75	\$ 3.75	\$ -
15	Education & Train	hrs/wrk	0	\$ 1.25	\$ 1.25	\$ 1.25	\$ -
16	Employers Coop T	hrs/wrk	0	\$ 1.18	\$ 1.18	\$ 1.18	\$ -
17	District Council	hrs/wrk	0	\$ 2.48	\$ 2.48	\$ 2.48	\$ -
18	Industry Adv	hrs/wrk	0	\$ 0.07	\$ 0.07	\$ 0.07	\$ -
19	IMPACT	hrs/wrk	0	\$ 0.22	\$ 0.22	\$ 0.22	\$ -
20	0	hrs/wrk	0	\$ -	\$ -	\$ -	\$ -
21	0	hrs/wrk	0	\$ -	\$ -	\$ -	\$ -
22	Total Fringe Benefits			\$ 28.88	\$ 28.88	\$ 28.88	\$ -
TOTAL LABOR COST PER HOUR (Lines 3 + 11 + 22)				\$ 76.30	\$ 100.00	\$ 123.71	\$ 23.71
OVERHEAD		10%		\$ 7.63	\$ 10.00	\$ 12.37	\$ 2.37
PROFIT		5%		\$ 3.81	\$ 5.00	\$ 6.19	\$ 1.19
TOTAL				\$ 87.74	\$ 115.01	\$ 142.27	\$ 27.26

Prime Contractor Initial: _____
Date: _____

Subcontractor Initial: _____
Date: _____

Job# 0

Subcontractor Labor Rate Form:

Project: 0 Trade: Local 12 - Albany

Company: Whitacre Engineering Company Class: General Foreman

Rates Applicable for Period: Today Through: 7/1/2020

				Straight Time	Time and One Half	Double Time	Premium Only	
Wages:								
1	Base Wage Rate Per Hour			\$ 34.55	\$ 51.83	\$ 69.10	\$ 17.28	
2	Taxable vacation/holiday			\$ -	\$ -	\$ -	\$ -	
3	Total Taxable Wage Rate			\$ 34.55	\$ 51.83	\$ 69.10	\$ 17.28	
Taxes & Insurance (based on item 3)								
4	Social Security & Medicare Tax	7.65%		\$ 2.64	\$ 3.96	\$ 5.29	\$ 1.32	
5	Federal Unemployment Tax	0.60%		\$ 0.21	\$ 0.31	\$ 0.41	\$ 0.10	
6	FUTA Surcharge	0.00%		\$ -	\$ -	\$ -	\$ -	
7	State Unemployment Tax	8.30%		\$ 2.87	\$ 4.30	\$ 5.74	\$ 1.43	
8	Workers Compensation Insurance	20.00%		\$ 6.91	\$ 10.37	\$ 13.82	\$ 3.46	
9	Liability Insurance	4.04%		\$ 1.39	\$ 2.09	\$ 2.79	\$ 0.70	
10	Umbrella Coverage	0.74%		\$ 0.26	\$ 0.39	\$ 0.51	\$ 0.13	
11	Total Taxes and Insurance	41.33%		\$ 14.28	\$ 21.42	\$ 28.56	\$ 7.14	
Fringe Benefits (Describe each):								
12	Health & Welfare	hrs/wrk	0	\$ 6.50	\$ 6.50	\$ 6.50	\$ -	
13	Pension Fund	hrs/wrk	0	\$ 13.43	\$ 13.43	\$ 13.43	\$ -	
14	Annuity	hrs/wrk	0	\$ 3.75	\$ 3.75	\$ 3.75	\$ -	
15	Education & Train	hrs/wrk	0	\$ 1.25	\$ 1.25	\$ 1.25	\$ -	
16	Employers Coop T	hrs/wrk	0	\$ 1.18	\$ 1.18	\$ 1.18	\$ -	
17	Distric Council	hrs/wrk	0	\$ 2.48	\$ 2.48	\$ 2.48	\$ -	
18	Industry Adv	hrs/wrk	0	\$ 0.07	\$ 0.07	\$ 0.07	\$ -	
19	IMPACT	hrs/wrk	0	\$ 0.22	\$ 0.22	\$ 0.22	\$ -	
20	0	hrs/wrk	0	\$ -	\$ -	\$ -	\$ -	
21	0	hrs/wrk	0	\$ -	\$ -	\$ -	\$ -	
22	Total Fringe Benefits			\$ 28.88	\$ 28.88	\$ 28.88	\$ -	
TOTAL LABOR COST PER HOUR (Lines 3 + 11 + 22)				\$ 77.71	\$ 102.12	\$ 126.54	\$ 24.41	
OVERHEAD				10%	\$ 7.77	\$ 10.21	\$ 12.65	\$ 2.44
PROFIT				5%	\$ 3.89	\$ 5.11	\$ 6.33	\$ 1.22
TOTAL				\$ 89.37	\$ 117.44	\$ 145.52	\$ 28.08	

Prime Contractor Intial _____
Date: _____

Subcontractor Intial: _____
Date: _____

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>11/14/19</u> PCO #: <u>PCO-012</u> Building/Area: <u>Parking Garage</u>															
Change Order Reference Document: RFI #: _____ Bulletin #: <u>24R</u> Other: _____																	
Description of Change: INSTALL 2 - 1" CONDUITS FROM PREVIOUS SIGN LOCATION TO GREEN SPACE NEAR HAND HOLE FOR MV CABLE. SAFE OFF. WIRING FROM ELECTRIC/DATA ROOM TO NEW SIGN LOCATION.																	
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									
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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									
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2. Verification of quantities and locations	5																
3	6																
Schedule Impact: <table style="width:100%; border: none;"> <tr> <td style="width:35%;"><input checked="" type="checkbox"/> A - Zero / Noncritical Impact to Schedule</td> <td style="width:30%; text-align: center;">Days to Complete Added Scope:</td> <td style="width:35%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">10</td> <td></td> </tr> <tr> <td><input type="checkbox"/> B - Impact Critical, Recoverable w/ Overtime</td> <td style="text-align: center;">Current Contract</td> <td style="text-align: center;">Adjusted Contract</td> </tr> <tr> <td></td> <td style="text-align: center;">Completion Date</td> <td style="text-align: center;">Completion Date:</td> </tr> <tr> <td><input type="checkbox"/> C - Impact Critical, Not Recoverable</td> <td style="text-align: center;"><u>03/12/20</u></td> <td style="text-align: center;"><u>03/12/20</u></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 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	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 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	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 Subcontractor: _____ Name: _____ Title: _____ Date: _____ LeChase: _____ Name: _____ Title: _____ Date: _____ Owner: _____ Name: _____ Title: _____ Date: _____ Name: _____ Title: _____ Date: _____																	
Request Termination: <input type="checkbox"/> Voided Explanation: <input type="checkbox"/> Denied																	

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
Conduit - PVC 80 10' Lengths	560	C	30.36	0	30.36			30.36	170.02	Quoted	C	5.25	29.4
Conduit - RMC Galvanized 10' Lengths	20	C	279.33	0	279.33			279.33	55.87	Quoted	C	7	1.4
Elbow 90 Degree - PVC 80	4	C	58.53	0	58.53			58.53	2.34	Quoted	C	25	1
Coupling - PVC	4	C	19.91	0	19.91			19.91	0.8	Quoted	C	1.8	0.072
Coupling - RMC Galvanized	4	C	279	0	279			279	11.16	Normal	C	3	0.12
Double Locknut & Bushing Labor - RMC Galvanized	4	E		0						No Cost	E	0.4	1.6
Bushing - Plastic 105 Degree	4	C	18.06	0	18.06			18.06	0.72	Quoted	C	1.3	0.052
Locknut - Steel	12	C	20.44	0	20.44			20.44	2.45	Quoted	C	1.3	0.156
Male Adapter - PVC Socket to Box	4	C	31.09	0	31.09			31.09	1.24	Quoted	C	18	0.72
End Cap - PVC Conduit	2	C	243.82	0	243.82			243.82	4.88	Quoted	C	14	0.28
Plug Recessed - Malleable	2	C	125	0	125			125	2.5	Quoted	C	1.3	0.026
Wire THHN / T90 - Copper	1500	M	146.1	0	146.1			146.1	219.15	Quoted	M	7	10.5
2-Piece Strut Clamp - RMC / IMC	2.041	C	158.53	0	158.53			158.53	3.24	Quoted	C	3	0.061
Stud (Wedge) Anchor - Plated Steel	2.041	C	220.63	0	220.63			220.63	4.5	Quoted	C	15.999	0.327
1-5/8" W Channel w/ Slotted Holes - Steel Pre-Galvanized 12 Gauge 10' Lengths	1.02	C	1092.96	0	1092.96			1092.96	11.15	Quoted	C	12.005	0.122
CAT-6 Communications Cable - Plenum	500	M	231.1	0	231.1			231.1	115.55	Quoted	M	7	3.5
									605.57				49.336



INFORMATION BULLETIN No. 24R

Project Name: ALBANY COUNTY AIRPORT AUTHORITY **No.:** IB24R-S-01
989-GCR Contract – GENERAL CONSTRUCTION RESUBMIT

Date: 11-11-19

Description:

Monument Sign #2 – Relocation, Revision to Sign and Foundation Design

Information:

This IB provides information to both Color Ad and LeChase, as each are under separate contracts with ACAA.

Color Ad:
MONUMENT SIGN #2 – Revise signage to add “South Garage Parking” on Monument Sign #2. The sign text size shall remain the same, the size of the sign should increase to accommodate the extra text. See attached marked-up “Color Ad” drawing PG 1.12.

LeChase:
Relocate Monument Sign #2 as indicated on attached marked up C-302 and provide foundation for Monument Sign #2, as highlighted on attached PB-S-501. Sign to be provided by others.

Color Ad & LeChase:
Electrical: See attached E-003 electrical sketch at Monument Sign #2 location to provide power and data. Coordinate with Amano-McGann and ATI.

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.

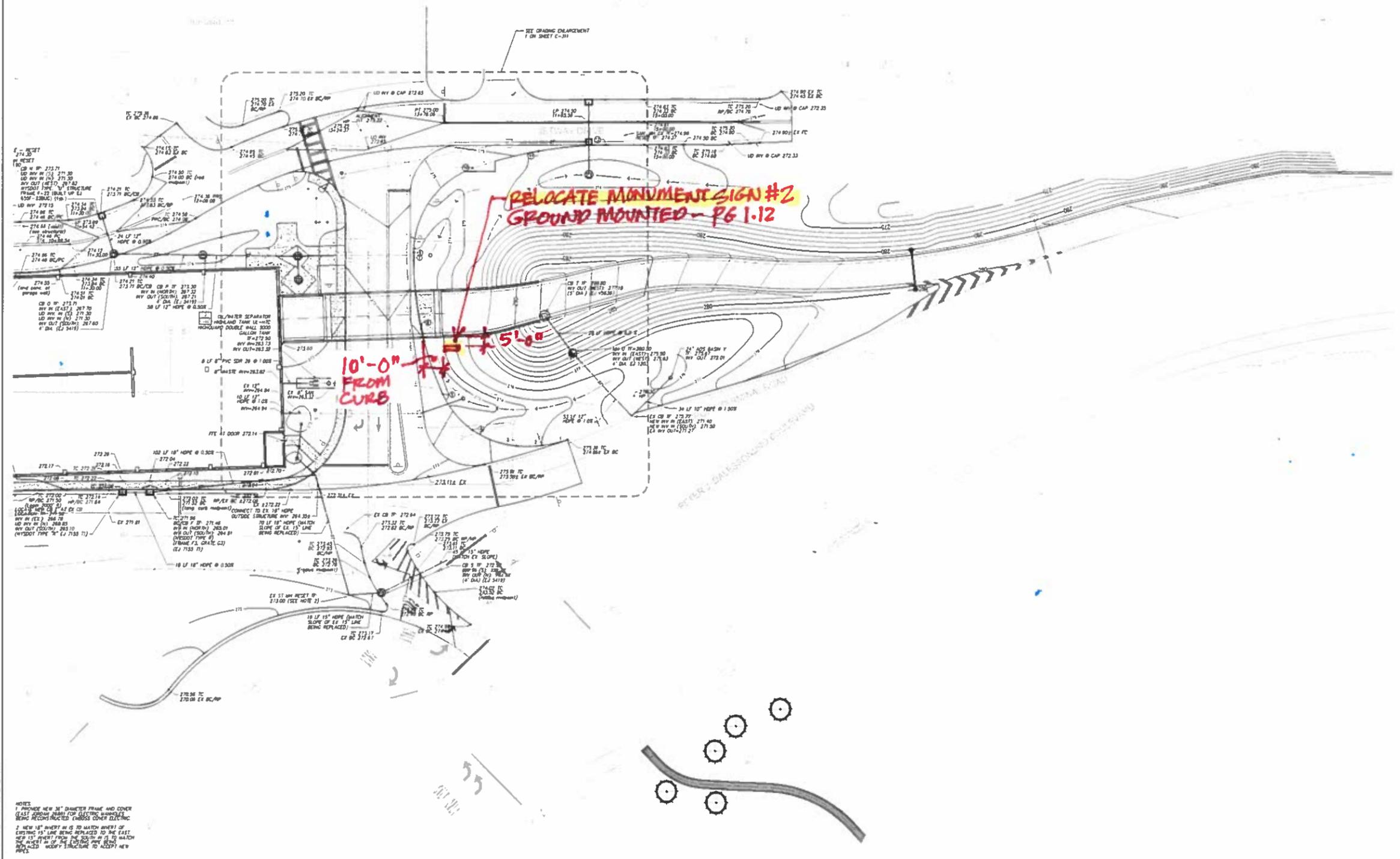
NOTICE TO CONTRACTOR: Unless this is a Clarification, Price Quotations are required within 5 days of this notice, and MUST include Labor, Material and Equipment breakdown as required.

Comments:

Generated By: Amy Signor, Cody Messier, Bergmann; Rich LaRose, CHA



ALBANY COUNTY AUTHORITY



NOTES

1. PROVIDE NEW 36" DIAMETER FRAME AND COVER (EAST SIDE) MARK FOR EXISTING MANHOLE BEING RECONSTRUCTED THROUGH COVER ELECTRIC
2. NEW 18" INVERT IS TO MATCH INVERT OF EXISTING 15" LINE BEING REPLACED TO THE EAST. NEW 15" INVERT FROM THE SOUTH IS TO MATCH THE INVERT OF THE EXISTING NEW 15" REPLACED INVERT STRUCTURE TO ACCEPT NEW PIPES.



ALBANY INTERNATIONAL AIRPORT PARKING GARAGE GENERAL CONSTRUCTION

1	REVISION 1 FOR 02	01/19
2	REVISION 2 FOR 02	02/19
3	REVISION 3 FOR 02	03/19

GRADING AND DRAINAGE PLAN - SOUTH

Designed By	Drawn By	Checked By
WJC	WJC	WJC
Scale	Project No.	Sheet No.
AS SHOWN	2007-04	43 OF 400

C-302

Color-Ad Need Clarification on this added scope of Work Pertaining to intended mounting method quantity of signs Final shop drawings will have to be developed based on change order approval

THE SIZE OF THE SIGN SHOULD INCREASE TO ACCOMMODATE THE EXTRA TEXT.

SOUTH GARAGE PARKING

LEVEL 5
LEVEL 4
LEVEL 3
LEVEL 2
LEVEL 1

CAN THIS GET TIGHTER?
COMMENT ON PG1.14

1 ELEVATION
SCALE: 8"=1'

2 REAR VIEW
SCALE: 8"=1'

MONUMENT SIGN #2

PLEASE CHECK THE PHYSICAL DIMENSIONS OF PARKING ASSIST BEFORE MAKING ANY CUTOUT WORK ON FACE PANEL

MATERIAL:-

1. 1/8" ALUMINUM FACE PROFILE, PAINTED MP 99223 R187862 N MATTE V1.0 PURPLE, WITH ROUTED TEXT AND GRAPHICS AND BACKED WITH 1/8" THICK TRANSLUCENT ACRYLIC
2. 1/8" ALUMINUM FACE PANEL WITH CUT OUT FOR PARK ASSIST COUNT, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
3. 1/8" THICK ALUMINUM REAR FACE REMOVABLE PANEL, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
4. RHS 8"x2"x1/2" ALUMINUM TUBE FRAME, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
5. SHS 6"x6"x1/2" ALUMINUM STUB PAINTED MP 99223 R 187862 N MATTE V1 0 PURPLE
6. 14"x8"x 1" THICK PLATE WELDED TO ALUMINUM STUB ALUMINUM ANGLE PAINTED MP 99223 R 187862 N MATTE V1 0 PURPLE
7. SN-200-4-SS-210 PARK ASSIST INSERT FOR DATA REFER PG 1 12C
8. #10 PAN HEAD SCREW PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE

ONE OF THESE SIGNS SEE SITE PLAN MARK UP

Date 09-04-2019	
Client: ALBANY AIRPORT AUTHORITY	
Job Name & Location: ALBANY COUNTY AIRPORT AUTHORITY PARKING GARAGE ALBANY INTERNATIONAL AIRPORT ALBANY, NEW YORK 12110	
Drawing Description: Sign Type: MONUMENT SIGN WITH INTEGRATED PARK ASSIST Elevation & Rear View	
Drawn: AMN	Scale: As Noted (Sheet size - 11 x 17)
File Location	
Revision	Date



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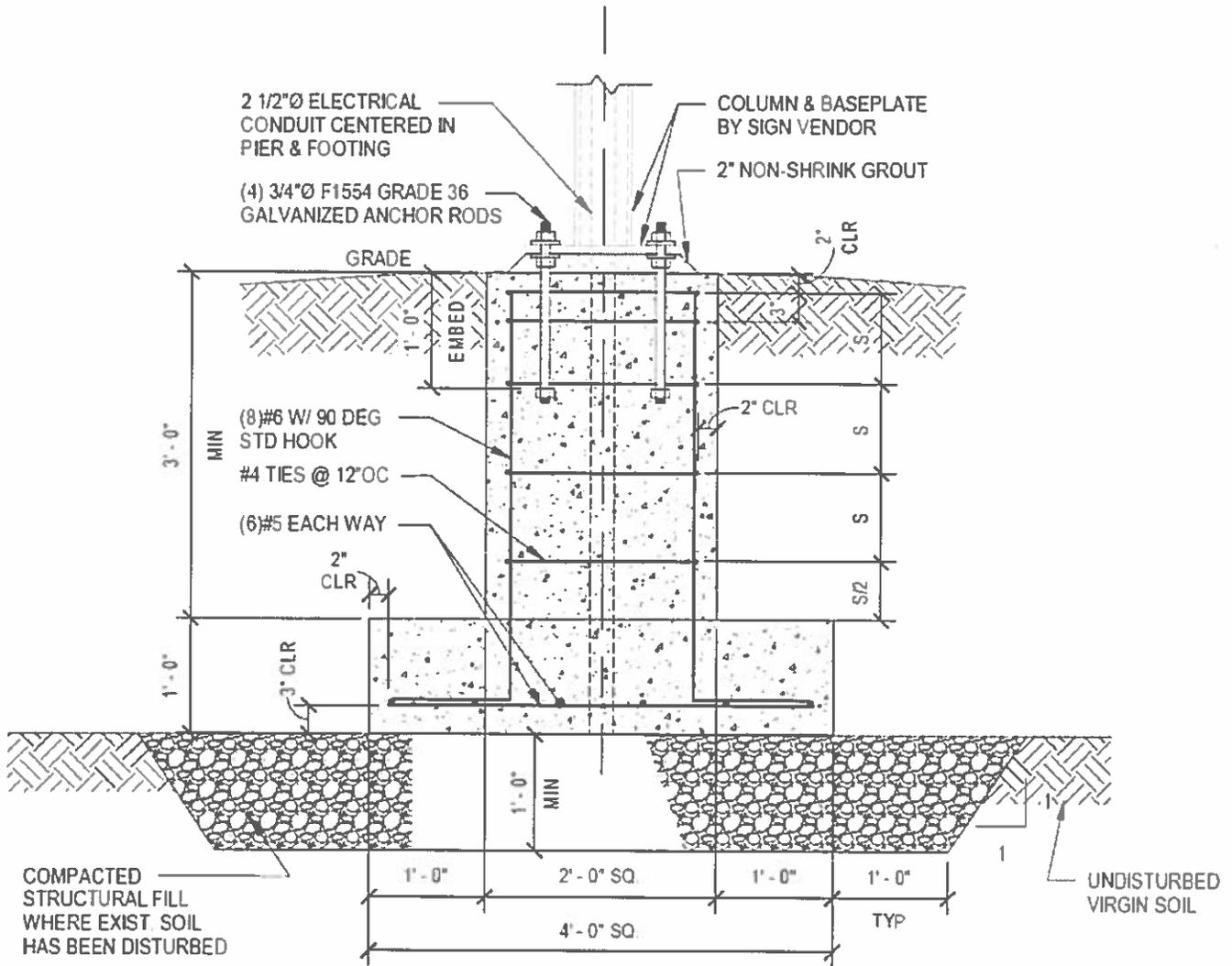
APPROVED FOR PRODUCTION

SIGNATURE

Project No: 53374 Area No: PARKING GARAGE

Design Drawing Referenced: PB-A-808

PG 1.12



NOTES

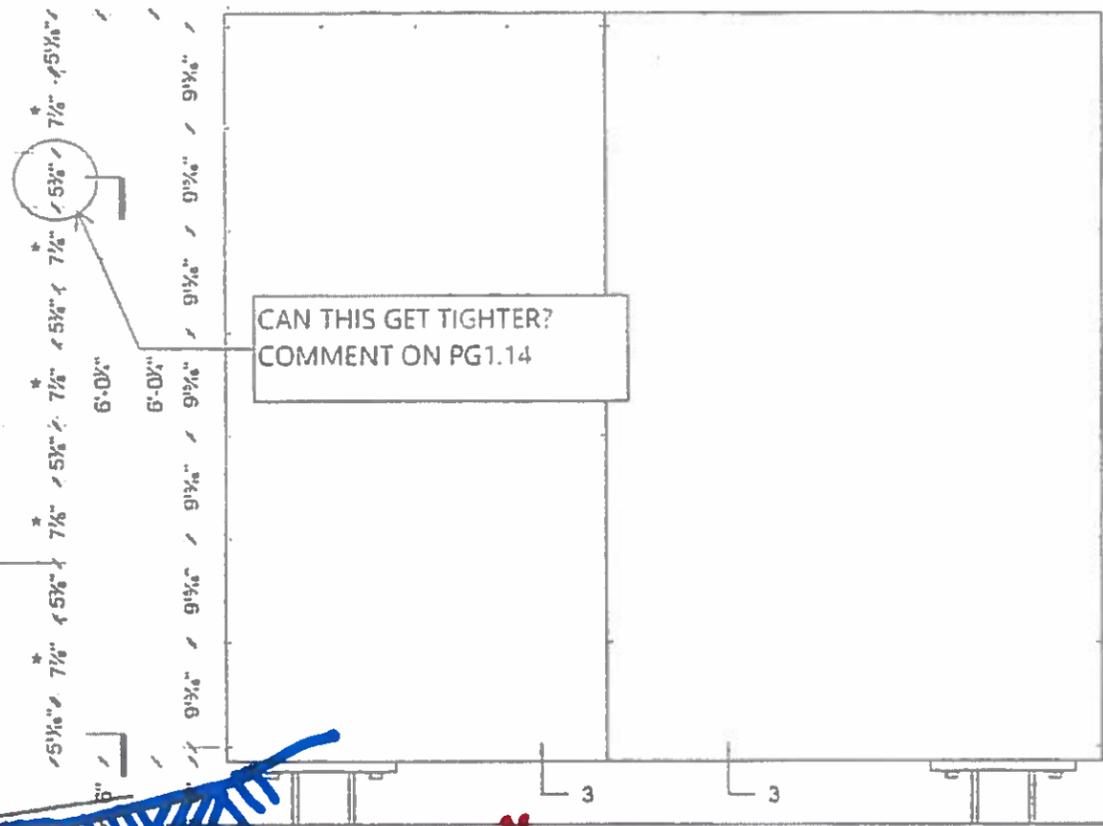
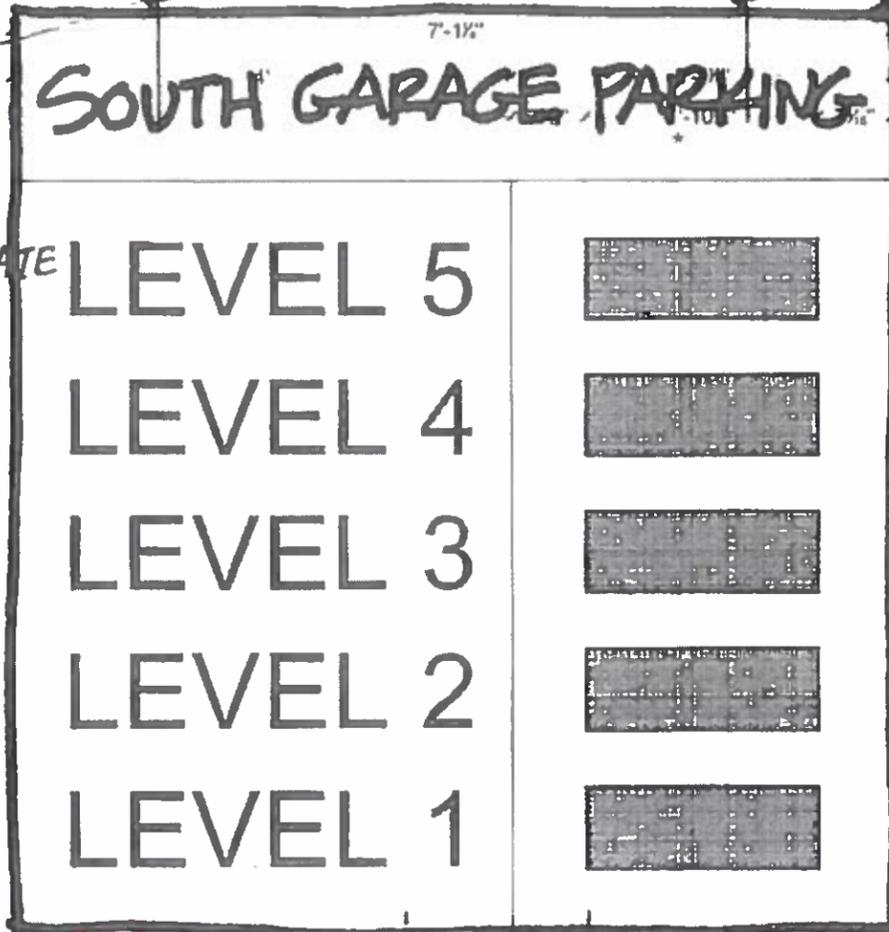
1. REFER PB-A-801 FOR MONUMENTAL SIGN LOCATION
2. PROVIDE DETAIL FOR EACH MONUMENTAL SIGN COLUMN, REFER TO VENDOR'S SHOP DRAWINGS.

7 MONUMENTAL PARKING GARAGE SIGN FOUNDATION DETAIL
 SCALE : 3/4" = 1'-0"

PB-S-501

Color-Ad Need Clarification on this added scope of Work Pertaining to intended mounting method quantity of signs Final shop drawings will have to be developed based on change order approval

THE SIZE OF THE SIGN SHOULD INCREASE TO ACCOMMODATE THE EXTRA TEXT



1 ELEVATION SCALE: 8"=1'

2 REAR VIEW SCALE: 8"=1'

MATERIALS:-

- 1/8" ALUMINUM FACE PROFILE, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE WITH ROUTED TEXT AND GRAPHICS AND BACKED WITH 1/8" THICK TRANSLUCENT ACRYLIC
- 1/8" ALUMINUM FACE PANEL WITH CUT OUT FOR PARK ASSIST COUNT, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
- 1/8" THICK ALUMINUM REAR FACE REMOVABLE PANEL, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
- RHS 2"x2"x1/2" ALUMINUM TUBE FRAME, PAINTED MP 99223 R187862 N MATTE V1 0 PURPLE
- SHS 6"x6"x1/2" ALUMINUM STUB PAINTED MP 99223 R 187862 N MATTE V1 0 PURPLE
- 14"x8"x 1" THICK PLATE WELDED TO ALUMINUM STUB ALUMINUM ANGLE PAINTED MP 99223 R 187862 N MATTE V1 0 PURPLE
- SN-200-4-SS-210 PARK ASSIST INSERT FOR DATA REFER PG 1 12C
- #10 PAN HEAD SCREW PAINTED MP 99223 R 187862 N MATTE V1 0 PURPLE

MONUMENT SIGN #2

ONE OF THESE SIGNS SEE SITE PLAN MARK UP

Date 09-04-2019

Client
ALBANY AIRPORT AUTHORITY

Job Name & Location
ALBANY COUNTY AIRPORT AUTHORITY
PARKING GARAGE
ALBANY INTERNATIONAL AIRPORT
ALBANY, NEW YORK 12110

Drawing Description
Sign Type MONUMENT SIGN WITH INTEGRATED PARK ASSIST
Elevation & Rear View

Drawn AMN Scale As Noted
Checked [] Date []

Revision [] Date []

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SIGNS AND EXHIBITS
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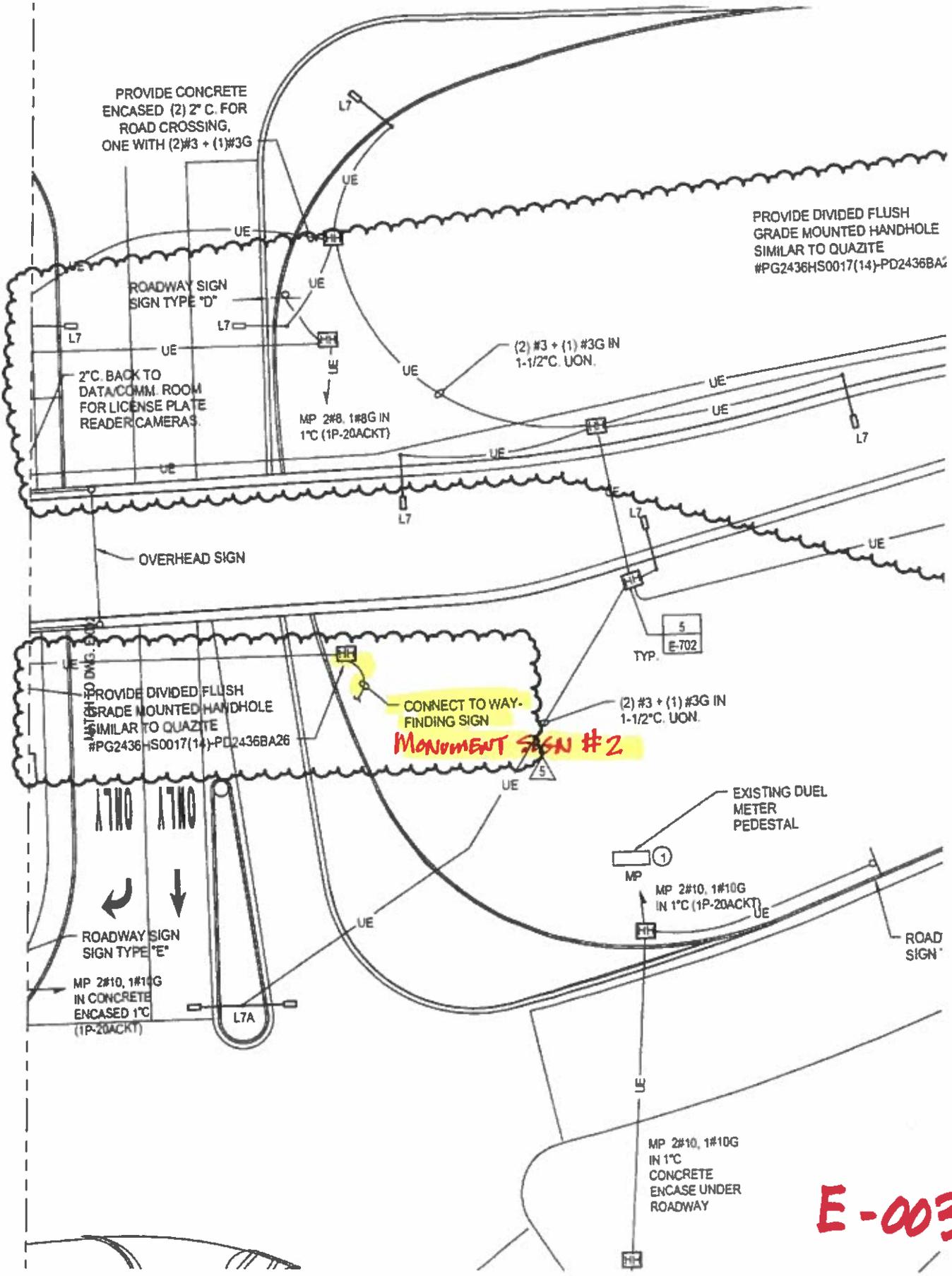
APPROVED FOR PRODUCTION

SIGNATURE

Project No 53374
Area No PARKING GARAGE

Design Drawing Referenced PB-A-808

PG 1.12



PROVIDE CONCRETE ENCASED (2) 2" C. FOR ROAD CROSSING, ONE WITH (2)#3 + (1)#3G

PROVIDE DIVIDED FLUSH GRADE MOUNTED HANDHOLE SIMILAR TO QUAZITE #PG2436HS0017(14)-PD2436BA2

ROADWAY SIGN SIGN TYPE "D"

2" C. BACK TO DATA/COMM. ROOM FOR LICENSE PLATE READER/CAMERAS.

MP 2#8, 1#8G IN 1" (1P-20ACKT)

(2) #3 + (1) #3G IN 1-1/2" C. UON.

OVERHEAD SIGN

5
E-702
TYP.

PROVIDE DIVIDED FLUSH GRADE MOUNTED HANDHOLE SIMILAR TO QUAZITE #PG2436HS0017(14)-PD2436BA26

CONNECT TO WAY-FINDING SIGN

MONUMENT SIGN #2

(2) #3 + (1) #3G IN 1-1/2" C. UON.

ONLY ONLY

EXISTING DUEL METER METER PEDESTAL

ROADWAY SIGN SIGN TYPE "E"

MP 2#10, 1#10G IN CONCRETE ENCASED 1" (1P-20ACKT)

MP 2#10, 1#10G IN 1" (1P-20ACKT)

ROAD SIGN

MP 2#10, 1#10G IN 1" CONCRETE ENCASE UNDER ROADWAY

E-003