



GOODWIN UNIVERSITY EDUCATIONAL SERVICES, INC.
Special Meeting of the School Building Committee
October 14, 2025 at 12:00 pm
Virtual Meeting

Link for the Meeting:

<https://goodwin-edu.zoom.us/j/97612550485?pwd=T3yKmBr2gaqW1SIS2da9gMpaJX0cp7.1>

1. Call to Order
2. Public Comment
3. Approval of the Special Meeting Minutes of:
 - a. September 9, 2025
4. Report on the Magnet Technical High School (State Project # 542-0007 MAG/N) by Owner's Project Manager, Architect and Construction Manager
5. Business Requiring Action
 - Recommend Approval of Contract Amendment #2 with Downes Construction Company, LLC for additional Owner's Representative Services/Program Manager Services for State project Number # 542-0007 MAG/N)
 - Recommend Approval of Construction Related PCOs
 - PCO 10 – Cast Conn & AESS Revisions
 - PCO 11 - Additional Gas Turrets Science L4 Labs Revisions
 - PCO 22R1- Over Excavation @VPC Locations
 - PCO 23 -Emergency Gas Generator, Additional Piping Connections
 - PCO 26 -Exhaust Fan "C" Breaker Revision (no charge)
 - Review and Approve a standard color in lieu of the specified custom color for the formed metal panels. The will result credit in a potential credit to the project and processed at a later date. Formal approval is required for the Construction Manager to release the panel for fabrication.



- Tabled PCO's
 - PCO 13 PR 6 Gym Projector, Band Room & Briefing Room AV
 - PCO 14 PR09R1 Added Whiteboards and Tackboards

6. Adjournment



200 Stanley Street
New Britain, CT 06051
860.229.3755
downesco.com

October 14, 2025

Goodwin University
Magnet Technical High School
State Project #542-0007 MAG/N

Subject: Progress Report

I. Project Update
A. Financial/Budget Updated as 10/9/25

	Original	Previously Approved	For Approval	Pending	Proposed
Owner Expenses/Professional Service:	\$ 8,930,297	\$ -	\$ -	\$ -	\$ 8,930,297
FF&E/Technology/Shop Equipment	\$ 4,089,446	\$ -	\$ -	\$ -	\$ 4,089,446
Construction	\$ 61,979,677	\$ 46,537	\$ 28,400	\$ 245,031	\$ 62,253,108
Contingency	\$ 10,000,580	\$ (46,537)	\$ (28,400)	\$ -	\$ 9,972,180 11.70%
Total Project Budget	\$ 85,000,000	\$ -	\$ -	\$ 245,031	\$ 85,245,031

• **State Reimbursement Summary**

Requests Made	Amount Requested	Less 5% Hold Back	Amount Rec'd	Amount Pending
7	\$4,926,303.02	\$246,765.15	\$3,587,343.18	\$1,092,644.69 approved on 8/29/25
Pending Submission #8	\$4,454,814.19			

B. Architect's Update
a. General Update of Current Activities and Processes

C. Construction Manager's Update

a. **Schedule Update**

- | | |
|------------------------------------|---|
| i. Submittals | On Going |
| ii. Structural Steel Erection | Anticipated Start September 22 nd |
| iii. Structural Steel Completion | Anticipated Competition, 1 st Week of December |
| iv. SW Area Underslab MEPs & Slabs | Ongoing and Currently Structural Steel Erection |
| v. Upcoming Critical Activities | |
| • Gymnasium Masonry | Mid November thru December |
| • Roofing | Starting End of November |
| • Exterior Wall Framing | Beginning of December |
| • Interior Walls | End of December |

D. Action Items

- Recommend Approval of Contract Amendment #2 with Downes Construction Company, LLC for additional Owner's Representative Services/Program Manager Services for State project Number # 542-0007 MAG/N) in the amount of **\$93,928**
- Attached for formal review and approval, please see the following Construction PCOs:
 - i. PCO#10 – RFI#119 – PR11 Cast Conn AESS Revisions – **(\$3,117)** – Additional welding and labor for additional HSS pieces with AESS designations. Credit therefore no increase in the GMP.
Responsibility: Field Condition **Eligible** / Ineligible
 - II. PCO#11 – PR07 Gas Turrets Science L4 Labs **\$20,750** -Additional turrets at (14) locations in rooms 413 & 415.
Responsibility: Design **Eligible** / Ineligible
 - III. PCO#22R1 –RFI#23 - PR22 Over Excavations @VPC Locations **\$26,673** - In Scope, Request Approval to draw down from Environmental Remediation & Imported Structural Fill Allowance, to over excavation and import fill at non VPC locations. therefore no increase in the GMP.
Responsibility: Field Condition **Eligible** / Ineligible
 - IV. PCO#23 – PR19 Em. Generator Gas Connections **\$10,767** – Additional gas piping to emergency gas generator.
Responsibility: Field Condition **Eligible** / Ineligible
 - V. PCO#26 – PR18 Exhaust Fan Breaker **\$0.00** – Circuit Breaker Revision No change in cost.
Responsibility: Design. **Eligible** / Ineligible

Total GMP Change Order #3

PCO#10	(\$3,117)
PCO#11	\$20,750
PCO#22R1	\$0
PCO#23	\$10,767
PCO#26	\$0
Total	\$28,400

- Review and Approve a standard color in lieu of the specified custom color for the formed metal panels. This will result credit in a potential credit to the project and processed at a later date. Formal approval is required for the Construction Manager to release the panel for fabrication.

E. Reporting Items

ii.	Construction Manager's Contingency		
	1. Expenses \$5,000 or less.		
	a. None		
	2. Expenses \$5,000 or more.		
	a. PCO#05 – Room 403 Lab Casework	\$	17,000
	b. PCO#TBD – Mather Phase 1 Misc. Items	\$	17,999
iii.	Future Budget/Pending PCOs		
	1. Owner Contingency		
	PCO-13R1 -PR 06 Additional AV & Band Room Revisions	\$	126,000
	PCO-27 Formed Metal Panel custom color (Credit)	\$	(27,500)
	PCO-30 - PR 08 Exterior Signage Revisions	\$	13,760
	PCO-14 -PR 09 Added Marker Boards	\$	51,593
	PCO-16 -PR 12 War Room Server Rack Revisions	\$	9,293
	PCO-25 -PR 13 Kiln, IT Room & Media Center Revisions	\$	26,585
	PCO-24 -PR 15 Shop Area Revisions	\$	5,300
	PR 16 Irrigation System	\$	40,000
		Total Pending Revisions	\$ 245,031
	2. FIP GMP Allowances		
	NONE		

Attachments:

- Downes Amendment#2
- FIP PCO's



200 Stanley Street
New Britain, CT 06051
860.229.3755
downesco.com

MEMORANDUM ACTION ITEM

DATE: August 26, 2025

TO: Members of the Goodwin University Educational Services School Building Committee

FROM: Thomas Romagnoli
Downes Construction

SUBJECT: State Project #542-0007 MAG/N – Technical Magnet High School
Owner's Program Manager – Amendment #2

BACKGROUND

In accordance with Contract Article 4.5 and Article 10 with regards to compensation for additional services, Downes Construction is requesting the following additional compensation:

Total Project Budget was \$28,986,700 at the time of the RFP submission and currently \$85,000,000, based on 2024 State Legislation, which is an increase of an additional \$10 million dollars from the \$75 million dollar 2023 legislation.

The result of the additional funding was a delay in the project schedule during preconstruction from the end February 2024 to June 2024. Approximately 4 months. In an effort to minimize the extent of this delay on construction a phase 1 enabling package was proposed and accepted by the State to start the project in November/December 2024. In total the preconstruction services were extended 8 months from October 2024 to the conclusion of phase 1 bidding and CM GMP award in May 2025.

The construction phase schedule was adjusted as well with the implementation of the phase 1 enabling starting in December of 2024 (5 months) and phase 2 starting in May 2025 (22 months) with a substantial completion scheduled for February 2027 (total of 27 months).

Closeout remains unchanged

The above mentioned schedule adjustments include a staffing rate escalation from the original project completion of August 2025 to the revised completion of February 2027 and closeout thru August 2027.

Please reference attached updated Staff Matrix, dated 8/15/25.

Staffing Rate Table:

	Original thru 2025	Revised 2026- 2027
Project Executive	\$175	\$181
General Super	NA	\$171
PM/Owners Rep	\$145	\$150
Estimator	\$120	\$119
Financial Support	\$100	\$104
Clerical	\$85	\$88

Reimbursable expenditures for public advertisements and forensic investigations are also included for your consideration.

	\$28.9M		\$75M		\$85M		
	Original RFP	Duration	2023 Legislation	Duration	2024 Legislation	Duration	
Preconstruction/ Design Phases	\$153,000	19 mths	\$244,482	23 mths	\$289,638	31 mths	\$45,156
Construction Phase	\$270,000	15 mths	\$501,847	20 mths	\$533,962	27 mths	\$32,115
Transition/Closeout	\$36,000	3 mths	\$75,927	6 mths	\$75,740	6 mths	(\$187)
Reimbursables	\$0		\$0		\$16,844		\$16,844
Total	\$459,000		\$822,256		\$916,184	Increase	\$93,928

RECOMMENDATION

The Goodwin University Educational Services School Building Committee, authorize the Senior Vice President for Facilities of said committee to execute the amendment to Increase Downes Construction Company's contract in the amount of NINETY THREE THOUSAND NINE HUNDRED TWENTY EIGHT DOLLARS AND NO CENTS (\$93,928.00)

Attachments:

- Staff Matrix dated 8/15/25;
- Reimbursable Invoices;

Submitted by:
Downes Construction

Owner:
Goodwin University

Thomas Romagnoli
Owner's Project Manager

Date:

Bryant L. Harrell
Senior Vice president for
Facilities, IT & Security
Date:

Owner:
Goodwin University

Bryant Harrell, Jr
Director of Capital Projects and
Campus Construction
Date:

August 2025

MAGNET TECHNICAL HIGH SCHOOL

[illegible]

TOTAL PRECONSTRUCTION PHASE SERVICES	1756			Total:	\$289,638
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[illegible]

TOTAL CONSTRUCTION PHASE SERVICES	3453			Total:	\$ 533,962
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STAFF MATRIX		Sep-25	Oct-25	Nov-25			Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26		Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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	Reimbursables				
Hartford Courant Advtisement - Architect	197.65	1.00		\$198	
Hartford Courant Advtisement - CM	535.50	1.00		535.50	
Hartford Courant Advtisement - CX Agent	471.40	1.00		471.40	
Hartford Courant Advtisement - Materials Testing	458.60	1.00		458.60	
	0.00	1.00		0.00	
Forensic Investigations - James Sullivan Cable	13,650.00	1.00		13,650.00	
	0.00	1.00		0.00	
	0.00	1.00		0.00	
	0.00	1.00		0.00	
	0.00	1.00		0.00	
Markup 10%				1,531.32	
	REIMBURSABLES			Total:	\$ 16,844

Original	\$ 459,000
Amendment #1	\$ 363,256
Proposed Amendment #2	\$ 77,084
Reimbursables	\$ 16,844
Revised Contract	\$ 916,184

AFFIDAVIT OF PUBLICATION

Sold To
DOWNES CONSTRUCTION COMPANY - CU80153501
200 Stanley St
New Britain, CT 06051-3629

Bill To
DOWNES CONSTRUCTION COMPANY - CU80153501
200 Stanley St
New Britain, CT 06051-3629

State of Connecticut

January 15, 2023

County of Hartford

Design Team
RFP Public
Advertisement

Order No: 7362019

\$197.65

I, Robin Collar, do solemnly swear that I am a representative of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

Jan 14, 2023

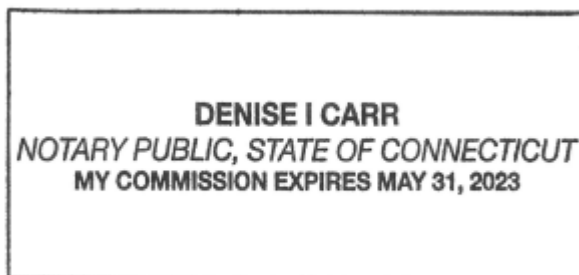


Robin Collar, Representative,

Subscribed and sworn before me on January 15, 2023



Notary Public



Name of Notary, Typed, Printed, or Stamped

Order # - 7362019

**REQUEST FOR QUALIFICATIONS &
PROPOSALS
FOR
ARCHITECTURAL & ENGINEERING
SERVICES
For STATE PROJECT #542-0008
MAGNET TECHNICAL HIGH SCHOOL
RIVERSIDE DRIVE
EAST HARTFORD, CT 06118**

Goodwin University, Inc. ("Goodwin"), on behalf of Goodwin University Magnet Schools, Inc. is soliciting qualifications and proposals from qualified firms to provide Architectural and Engineering services for the planning, design and construction to construct a new building for use as a Magnet Technical High School on the Goodwin Campus in East Hartford, CT. The Instructions to Bidders and other bid documents may be viewed on the Connecticut Department of Administrative Services Contracting Portal which may be accessed at: <https://portal.ct.gov/DAS> ("State Portal").

Mandatory Pre-Bid Conference: Thursday January 19, 2023 10:00am, Location: One Riverside Drive, East Hartford, CT 06118.
Qualifications Submission Due: Thursday February 9, 2023 2:00pm, Location: One Riverside Drive East Hartford, CT 06118

All questions regarding this solicitation must be submitted in writing to Mark McGovern at mmcgovern@goodwin.edu and Thomas Romagnoli tromagnoli@downesco.com by 5:00 pm on January 25, 2023.

1/14/2023 7362019

Order # - 7362019

AFFIDAVIT OF PUBLICATION

Sold To
DOWNES CONSTRUCTION CO - CU00250046
PO Box 727
New Britain,CT 06050-0727

Bill To
DOWNES CONSTRUCTION CO - CU00250046
PO Box 727
New Britain,CT 06050-0727

State of Connecticut

August 14, 2023

County of Hartford

Order No: 7480975

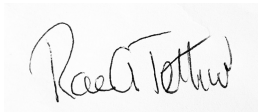
\$535.50

Construction
Manager RFP
Public
Advertisement

I, Rae Tetlow, do solemnly swear that I am a representative of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

Aug 12, 2023; Aug 13, 2023

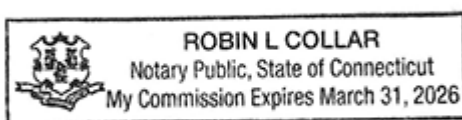


Rae Tetlow, Representative,

Subscribed and sworn before me on August 14, 2023



Notary Public



Name of Notary, Typed, Printed, or Stamped

Order # - 7480975

**REQUEST FOR QUALIFICATIONS
FOR
CONSTRUCTION MANAGEMENT SERVICES
For STATE PROJECT #542-0008
MAGNET TECHNICAL HIGH SCHOOL
RIVERSIDE DRIVE
EAST HARTFORD, CT 06118**

Goodwin University, Inc. ("Goodwin"), on behalf of Goodwin University Magnet Schools, Inc. (GUMSS) and Goodwin University Educational Services, Inc. (GUES) is soliciting qualifications from qualified firms to provide Construction Management At Risk (CMR) services for the construction of a new building for use as a Magnet Technical High School on the Goodwin Campus in East Hartford, CT. The Instructions to Bidders and other bid documents may be viewed on the Connecticut Department of Administrative Services Contracting Portal which may be accessed at: <https://portal.ct.gov/DAS> ("State Portal").

Mandatory Pre-Bid Conference: Tuesday August 22, 2023 @ 9:30am, Location: One Riverside Drive, East Hartford, CT 06118. Qualifications Submission Due: Thursday September 21, 2023 2:00pm, Location: One Riverside Drive East Hartford, CT 06118

All questions regarding this solicitation must be submitted in writing to Mark McGovern at mmcgovern@goodwin.edu and Thomas Romagnoli tromagnoli@downesco.com by 5:00 pm on September 7, 2023.

8/12/2023, 8/13/2023 7480975

Order # - 7480975

AFFIDAVIT OF PUBLICATION

Sold To
DOWNES CONSTRUCTION CO - CU00250046
200 Stanley St
New Britain,CT 06051-3629

Bill To
DOWNES CONSTRUCTION CO - CU00250046
200 Stanley St
New Britain,CT 06051-3629

State of Connecticut

February 26, 2024

County of Hartford

Commissioning
Agent RFP
Public
Advertisement

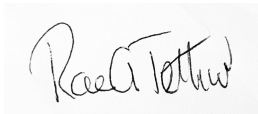
Order No: 7590011

\$471.40

I, Rae Tetlow, do solemnly swear that I am a representative of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

Feb 24, 2024; Feb 25, 2024

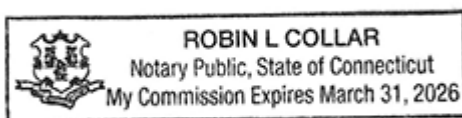


Rae Tetlow, Representative,

Subscribed and sworn before me on February 26, 2024



Notary Public



Name of Notary, Typed, Printed, or Stamped

Order # - 7590011

**REQUEST FOR QUALIFICATIONS
FOR
COMMISSIONING AGENT SERVICES
For STATE PROJECT #542-0008
MAGNET TECHNICAL HIGH SCHOOL
PENT ROAD
EAST HARTFORD, CT 06118**

Qualification and Proposal Due: March 14,
2024, 2:00pm by electronic
submission to Mark McGovern
mmcgovern@goodwin.edu
and Thomas Romagnoli
tromagnoli@downesco.com

Goodwin University, Inc. ("Goodwin"), on behalf of Goodwin University Magnet Schools, Inc. (GUMSS) and Goodwin University Educational Services, Inc. (GUES) is soliciting qualifications from qualified firms to provide Commissioning Agent Services (CxA) for the construction of a new building for use as a Magnet Technical High School, on the Goodwin Campus in East Hartford. The Instructions to Bidders and other bid documents may be viewed on the Connecticut Department of Administrative Services Contracting Portal which may be accessed at: <https://portal.ct.gov/DAS> ("State Portal").

All questions regarding this solicitation must be submitted in writing to Mark McGovern at mmcgovern@goodwin.edu and Thomas Romagnoli tromagnoli@downesco.com by 5:00 pm on March 5, 2024.
2/24-2/25/24 7590011

Order # - 7590011

AFFIDAVIT OF PUBLICATION

Sold To
DOWNES CONSTRUCTION CO - CU00250046
200 Stanley St
New Britain,CT 06051-3629

Bill To
DOWNES CONSTRUCTION CO - CU00250046
200 Stanley St
New Britain,CT 06051-3629

State of Connecticut

County of Hartford

Order No: 7743639

\$458.60

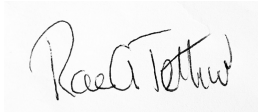
Materials Testing
RFP
Public
Advertisement

December 23, 2024

I, Rae Tetlow, do solemnly swear that I am a representative of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

Dec 21, 2024; Dec 22, 2024

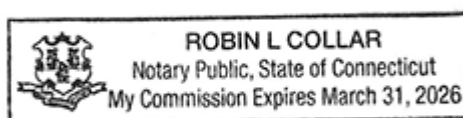


Rae Tetlow, Representative,

Subscribed and sworn before me on December 23, 2024



Notary Public



Name of Notary, Typed, Printed, or Stamped

Order # - 7743639

**REQUEST FOR PROPOSAL
FOR
MATERIALS TESTING & INSPECTIONS
For STATE PROJECT #542-0007 MAG/N
MAGNET TECHNICAL HIGH SCHOOL
PENT ROAD
EAST HARTFORD, CT 06118**

Goodwin University, Inc. ("Goodwin"), on behalf of Goodwin University Magnet Schools, Inc. (GUMSS) and Goodwin University Educational Services, Inc. (GUES) is soliciting proposals from qualified firms to provide Materials Testing & Inspection Services for the construction of a new building for use as a Magnet Technical High School on the Goodwin Campus in East Hartford. The Instructions to Bidders and other bid documents may be viewed on the Connecticut Department of Administrative Services Contracting Portal which may be accessed at: <https://portal.ct.gov/DAS> ("State Portal").

Qualification and Proposal Due: January 6, 2025, 2:00pm by electronic submission to Mark McGovern mmcgovern@goodwin.edu and Thomas Romagnoli tromagnoli@downesco.com

All questions regarding this solicitation must be submitted in writing to Mark McGovern at mmcgovern@goodwin.edu and Thomas Romagnoli tromagnoli@downesco.com by 5:00 pm on December 31, 2024.
12/21-12/22/24 7743639

Order # - 7743639

email 9/30/24

APPLICATION AND CERTIFICATE FOR PAYMENT

Page 1

To (OWNER): Downes Construction Company
P O Box 727
tromagnoli@downesco.com
New Britain, CT 06050-0727

From: James S. Sullivan Cable Company, Inc.
123 East Aurora Street
Waterbury, CT 06708

Project: Goodwin University
Job 4293
One Riverside Drive
East Hartford, CT 06118

Via (Architect):

Application No: 1
Invoice No: 4293-1
Period To: 9/30/2024

Purchase Order 0483--001

Contract Date:

**Forensic
Investigation of
Existing Manhole**

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Approved previous months	0.00	0.00
Approved this month	0.00	0.00
TOTALS	0.00	0.00
Net change by change orders	0.00	

1. ORIGINAL CONTRACT SUM	\$	13,650.00
2. Net change by Change Orders	\$	0.00
3. CONTRACT SUM TO DATE (LINE 1+/-2)	\$	13,650.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on Continuation Sheet)	\$	13,650.00
5. RETAINAGE	\$	0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5)	\$	13,650.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	0.00
8. SALES TAX (SEE PAGE 2) IF TAXABLE	\$	0.00
9. CURRENT PAYMENT DUE	\$	13,650.00
10. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6)	\$	0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payment received from the Owner, and that current payment shown herein is now due.

State of: CT County of: New Haven
Subscribed and sworn to before me this 30th day of Sept 24

Notary Public: [Signature]
My Commission expires: 8/31/27

CONTRACTOR: James S. Sullivan Cable Company, Inc.

By: [Signature] Date: 9/30/24

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied for.)

ARCHITECT:

By _____ Date _____
This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA DOCUMENT G701 - 2001
Change Order

PROJECT: Goodwin Industry 5.0 High School 3 Pent Road East Hartford, Connecticut 06118	CHANGE ORDER NUMBER: 3 DATE: 09/04/2025 FIP'S PROJECT NO.: 23-016	OWNER: ☐ ARCHITECT: ☐ CONTRACTOR: ☐ FIELD: ☐ OTHER: ☐
TO CONTRACTOR: FIP Construction, Inc. 1536 New Britain Avenue Farmington, Connecticut 06032	CONTRACT DATE: CONTRACT FOR:	

The Contract is changed as follows:

PCO#	PCO Title	PCO Amount
010	CE #018 - PR 11 Cast Conn Change & AECS Mods	\$-3,117.00
011	CE #014 - PR 07 Additional Ga	\$20,750.00
022	RFI 23 Response Overexcavation	\$0.00
023	CE #032 - PR-19 Generator Gas	\$10,767.00
026	CE #033 - PR 18 Exhaust Fan C	\$0.00

The original Contract Sum was..... \$ 61,979,677.00
The net change by previously authorized Change Orders..... \$ 46,537.00
The Contract Sum prior to this Change Order was..... \$ 62,026,214.00
The Contract Sum will be increased by this Change Order in the amount of..... \$ 28,400.00
The new contract sum including this Change Order will be..... \$ 62,054,614.00
The Contract Time will be unchanged

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive

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

TSKP Studio ARCHITECT One Hartford Square West, 146 Wyllys Street, Ste. 1-203 Address Hartford, Connecticut 06106 BY  0C9ACE14077A4CE Mehmet Sahin DATE 10/9/2025 8:53 AM PDT	FIP Construction, Inc. CONTRACTOR 1536 New Britain Avenue Address Farmington, Connecticut 06032 BY  0E84A78616BD440 DATE 10/9/2025 7:25 AM PDT	Goodwin University OWNER One Riverside Drive Address East Hartford, Connecticut 06118 BY DATE
--	---	---

FIP Construction, Inc.

Project Name: Goodwin Industry 5.0 High School

Date: September 19, 2025

PCO #: 026 - CE #033 - PR 18 Exhaust Fan C



Description:

CE #033 - PR 18 Exhaust Fan Circuit Breaker Revision

There is no cost for the changes in PR 18

#	Description	Cost Code	Amount
1	PR 18 Circuit Breaker Revisions	26-010	\$ 0.00
Subtotal:			\$0.00
Grand Total:			\$0.00

Attachments:

[PR-18 Exhaust Fan Circuit Breaker Revision.pdf](#)

Schedule:

This change alone does not impact the overall Project Schedule and/or increase the indirect costs required to complete the project. However, when combined with future changes, the Project Schedule may be impacted and/or additional costs may result from the accumulation of such changes. We reserve the right to request corresponding adjustments to the Project Schedule and/or Contract Amount at a later date.

Please sign and return one fully executed original of this letter indicating your approval of this Cost Proposal to the above-referenced contract no later than .

Respectfully submitted,

Philip C. Rees
Senior Project Manager

Enclosures

cc:

Accepted by:

TSKP

Date: 09/23/25

Downes

Date: 09/23/25

Goodwin University

Date: 10/1/25

Proposal Request

PROJECT: (name, address)	Goodwin Industry 5.0 High School 6 Pent Road East Hartford, CT	PR NO: 18
OWNER:	Goodwin University Magnet School	DATE: August 08, 2025
TO: (contractor)	FIP Construction LLC 1536 New Britain Ave. Farmington, CT, 06032	ARCHITECT'S PROJECT NO: 230502 STATE PROJECT NO.: 542-0007 MAG/N CONTRACTED FOR: Construction Manager at Risk PROJECT PHASE: Phase 2 – Site and Building Construction

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NEITHER A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description: (Written description of the work)

Please provide a cost proposal for revisions circuit breaker as directed on attached Bemis letter.

Attachments: Bemis Letter Regarding Circuit Breakers / Panels

ARCHITECT : TSKP STUDIO
BY:

Mehmet Sahin, AIA



BEMIS ASSOCIATES, LLC

Consulting Engineers



**Mehmet Sahin, AIA, MCPPO,
TSKP Studio
146 Wyllys Street, Bldg 1-203
Hartford, CT 06106**

Re: Goodwin Industry 5.0 H.S.

Dear Mr. Sahin,

Upon review of the Exhaust Fan submittals, it has been determined that we need to revise the circuit breakers / source panel.

Please instruct the electrical contractor to make the following adjustments:

1. Exhaust Fan EF-2 (Kitchen Hood EF) revise circuit to KEP1-14, 1P-30A C/B.
2. Exhaust Fan EF-4 revise circuit 5R1-3 to be a 1P-30A C/B.

Additionally, I observed the circuit breaker for the plasma cutter (1SP3-14,16) is improperly noted as 2P-20A, this needs to be adjusted to 2P-50A.

If you have any questions or concerns, please do not hesitate to contact me.

Best regards

Paul Perry

Electrical Engineer

Bemis Associates LLC
185 Main Street
Farmington, CT 06032

Kamil Wieczorek

From: Jim Butler <jbutler@customelectricusa.com>
Sent: Friday, August 8, 2025 3:21 PM
To: Jordan Foster
Cc: Phil Rees
Subject: FW: Document: PR-18 Exhaust Fan Circuit Breaker Revision.pdf

Hi Jordan,

The two pole 50 for the plasma cutter was fixed in addendum #15 and no cost on the other breaker swaps.

Have a nice weekend!

From: Jordan Foster (FIP Construction, Inc.) <notifications_FIP_Construction@procoretech.com>
Sent: Friday, August 8, 2025 3:01 PM
To: Jim Butler <jbutler@customelectricusa.com>
Subject: FW: Document: PR-18 Exhaust Fan Circuit Breaker Revision.pdf

Goodwin Industry 5.0 High School

More details: [View online](#)

From: Jordan Foster (FIP Construction, Inc.)
Date: Friday, August 8, 2025 at 03:01 pm EDT
Sent To: Jody Autunno (Shepard Steel Co., Inc.)
Nicolas Bane (Net Services, LLC)
Stephen Beck (Otis Elevator Company)
John Bjornberg (Spectrum Floors, Inc.)
Alison Burzdak (P & D Mechanical, Inc.)
Jim Butler (Custom Electric, Inc.)
Steve Butler (Custom Electric, Inc.)
Sean Collins (Singer Equipment Company)
Peter Curtis (Singer Equipment Company)
Andrew Czarnecki (Manafort Brothers Incorporated)
Steve Gerber (Gerber Construction, Inc.)
Greg Guavin (Architectural Curtainwall Inc.)
Bobby Guidal (H. Carr & Sons, Inc.)
Peter Hamel (Trinity Construction Group, LLC; The)
Ryan Keohane (Steeltech Building Products, Inc.)
Austin Kolakowski (Elite Construction Resources, LLC)
Sherry Lawson (P & D Mechanical, Inc.)
Jeff McKinney (Mega Mechanical Systems Corporation)
Sal Monarca, Jr. (Acranom Masonry Inc.)

FIP Construction, Inc.

Project Name: Goodwin Industry 5.0 High School
Date: September 8, 2025
PCO #: 023 - CE #032 - PR-19 Generator Gas



Description:

CE #032 - PR-19 Generator Gas Connection
P&D Mechanical

Labor & Materials for additional gas piping to emergency generator.

#	Description	Cost Code	Amount
1	--PR-19 Generator Gas Connection	22-010	\$ 10,472.00
Subtotal:			\$10,472.00
Liability			\$ 86.00
2% O/P			\$ 209.00
Grand Total:			\$10,767.00

Attachments:

[PD Mechanical COP-002 PR-19 Added Gas Piping to Emergency Generator.pdf](#), [PR-19 Generator Gas Connection.pdf](#).

Schedule:

This change alone does not impact the overall Project Schedule and/or increase the indirect costs required to complete the project. However, when combined with future changes, the Project Schedule may be impacted and/or additional costs may result from the accumulation of such changes. We reserve the right to request corresponding adjustments to the Project Schedule and/or Contract Amount at a later date.

Please sign and return one fully executed original of this letter indicating your approval of this Cost Proposal to the above-referenced contract no later than .

Respectfully submitted,

Philip C. Rees
 Senior Project Manager

Enclosures

cc:

Accepted by: M. Jhun, TSKP

Date: 09/23/25

Goodwin University

09/23/25

10/1/25



Proposal Request

PROJECT: (name, address)	Goodwin Industry 5.0 High School 6 Pent Road East Hartford, CT	PR NO: 19
OWNER:	Goodwin University Magnet School	DATE: August 18, 2025
TO: (contractor)	FIP Construction LLC 1536 New Britain Ave. Farmington, CT, 06032	ARCHITECT'S PROJECT NO: 230502 STATE PROJECT NO.: 542-0007 MAG/N CONTRACTED FOR: Construction Manager at Risk PROJECT PHASE: Phase 2 – Site and Building Construction

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NEITHER A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

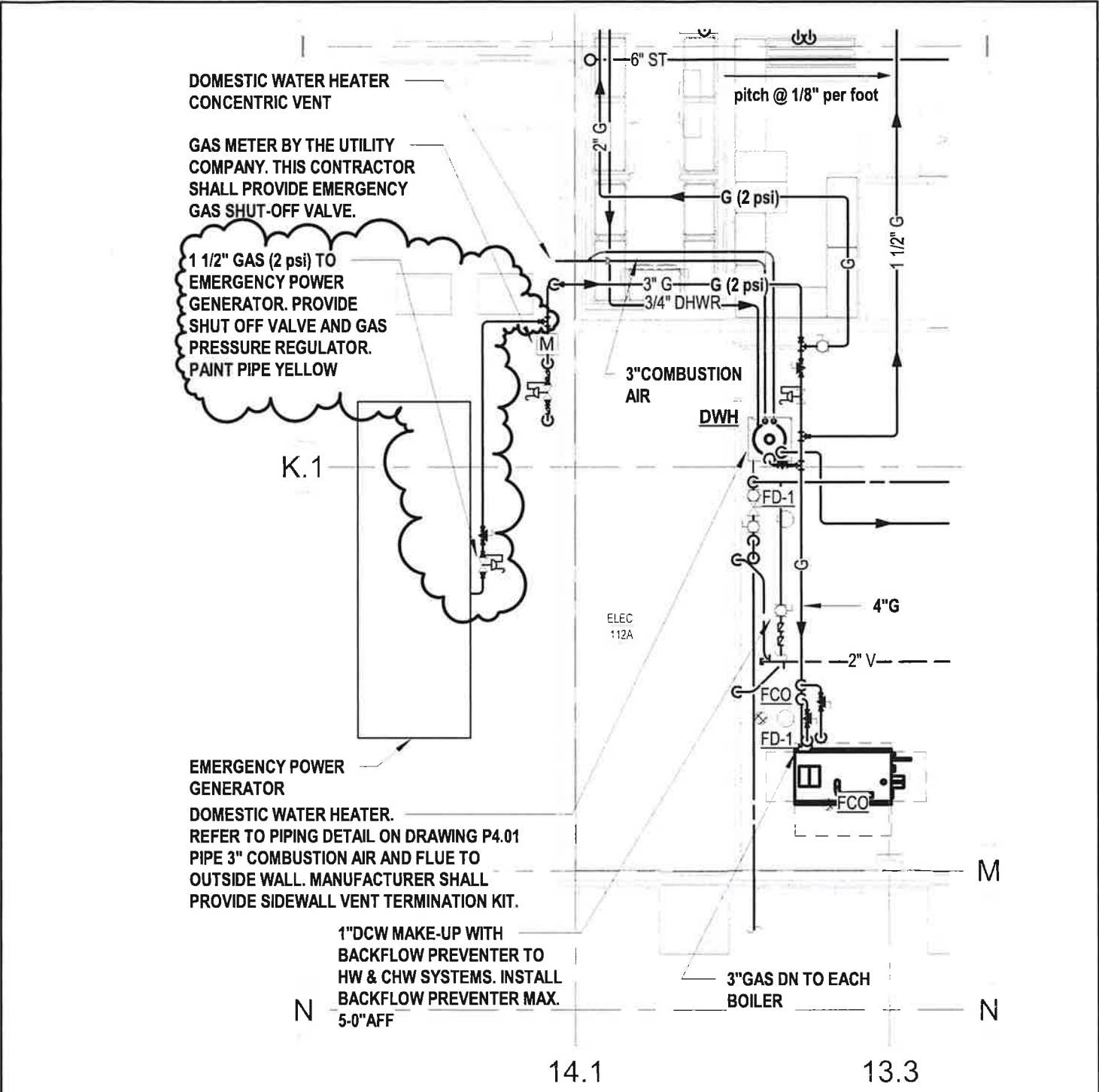
Description: (Written description of the work)

Please provide a cost proposal for providing gas connection to the generator as indicated on attached sketch.

Attachments: SKP-04

ARCHITECT : TSKP STUDIO
BY:

Mehmet Sahin, AIA



1 1st FLOOR PLAN
1/8" = 1'-0"

REFERENCE SHEET: P1.01
REFERENCE ADDENDUM:
REFERENCE RFI:
REFERENCE SUPPLEMENTAL INFORMATION:
REFERENCE CHANGE ORDER PROPOSAL REQUEST: PR-19
REFERENCE SUBMITTAL: 263000-001-00

<div>BEMIS ASSOCIATES, LLC</div> <div></div>	JOB NAME / NUMBER: GOODWIN INDUSTRY 5.0 HIGH SCHOOL		TITLE: GAS FOR EMERGENCY POWER GENERATOR	DRAWING NO: SKP-04
	SCALE: 1/8" = 1'-0"			
	DATE: 08/11/25	PREPARED BY: RVP		



P&D MECHANICAL, INC.

HVAC / Plumbing Contractor

CT PLM .0204662-PI CT HTG .0385878-S1

RI #MP01940

RI #MF00006481

627 Old Hartford Road, Colchester, CT 06415

Phone: (860) 537-0617 Fax: (860) 537-0839

Email: Info@PDMechanical-Inc.com

Affirmative Action / Equal Opportunity Employer

August 29, 2025

Philip Rees
FIP Construction, Inc.
1536 New Britain Ave.
Farmington, CT 06032

RE: Goodwin Magnet Technical High School
One Riverside Drive, East Hartford, CT 06118
State Project No. 542-0007 MAG/N

SUBJECT: **P&D Mechanical Change Order Proposal No. 002**
PR-19 Added Gas Piping to Emergency Generator

Dear Mr. Rees,

Regarding the above-captioned project and subject matter, P&D Mechanical Inc. submits its breakdown costs in the amount of **Ten Thousand Nine Hundred Twenty-Four Dollars and 00/100 (\$10,924.00)** for the above-mentioned work.

This proposal will be reviewed as quickly as possible by all parties and will remain firm for seven (7) days. All items and conditions of our original contract apply except as specifically modified by this proposal. P&D Mechanical reserves the right to modify this proposal should direction on how to proceed not be received in writing, in this office, within ten (10) days from the date of this proposal. No materials will be ordered or work started until an executed change order is received in our office. This work adds **Fifteen (15) days** to the project schedule after a receipt of an executed change order.

Exclusions are as follows; all electrical work, concrete work, cutting and patching of existing/new structure, no holidays, or Sundays. Any additional PPE equipment, i.e., exhaust fans, negative air machines, etc. above and beyond our approved AHA. No excavation. Shutdowns will be by others. Should you have any questions or comments, please contact our office at 860-537-0617.

Note: EOR to confirm required gas load and pipe size.
Change is currently priced as 3" pipe size with 2" regulator.

Respectfully,

A handwritten signature in blue ink that reads "Dave M. Warzecha".

Dave Warzecha
Project Manager
P&D Mechanical, Inc.



FIP CONSTRUCTION, INC.
SUBCONTRACTOR CHANGE REQUEST 1536 NEW BRITAIN AVENUE
 FARMINGTON, CT 06032
 860-470-1800 T
 860-470-1801 F
 www.fipconstruction.com

Project:	Goodwin Magnet Technical High School	Date:	August 29, 2025
FIP Job No:	23-016	Proposal Request No:	P&D-002 / PR-19
Subcontractor:	P&D Mechanical, Inc.	Division Of Work:	Plumbing
SCOPE OF WORK: PR-19 Added Gas Piping to Emergency Generator			FIP INTERNAL USE CE # CO # CC #

Materials & Equipment

Item	Units	Unit Cost	Extended
Gas piping material per attached.	0.00	\$0.00	\$3,624.28
	0.00	\$0.00	\$0.00
	0.00	\$0.00	\$0.00
Sub Total Material and Equipment			\$3,624.28
10% OH&P On Materials			\$362.43
Total Material and Equipment Cost:			\$3,986.71

Labor (all inclusive value)

Trade	Units	Unit Cost	Extended
Plumbing Foreman - Straight Time	10.00	\$136.69	\$1,366.90
Plumbing Mechanic - Straight Time	42.00	\$121.87	\$5,118.54
	0.00	\$0.00	\$0.00
Total Labor Cost:			\$6,485.44

Subcontractors - All Tiers

<u>Sub Tier Subcontractor Name</u>	<u>Sub Trade Amt</u>
	\$0.00
	\$0.00
	\$0.00
<i>Sub Total Sub Tier Subcontractors</i>	\$0.00
5% O&P On Sub Tier Subcontractors	<u>\$0.00</u>
Total Sub Tier Subcontractor Cost:	\$0.00

Permits w/FM Fee (If Applicable)

Permit Cost (Town of East Hartford Rate = \$20.00 / \$1,000.00)	0	\$254.05
Permit Cost (Town of East Hartford Rate = \$30.00 for first \$1,000.00)	0	\$30.00
Total Permit Cost:		0 \$284.05

Performance and Payment Bond

P&P Bond	Sub Bond Rate =	1.56%	deferred	\$167.80
Total P&P Bond Cost:				\$167.80

Total Requested	\$10,924.00
------------------------	--------------------

\$10,472

JOB 1428 GOODWIN PR-19: GOODW...
ESTIMATE 1 GOODWIN PR-19: GOODW...
DATA SET 5 COMM MECH 01/2011

Combined All - Estimate File Pricing
 (Company Name)
 (Company Address 1)
 (Company Address 2)
 (Company Address 3)
 (Company Phone) / (Company Fax)
 jimd@pdmechanical-inc.com

PRINTED 8/29/2025 11:08:05 AM
MATERIAL Primary
LABOR Primary

PED#002

NOTES

Item				Material			Field Labor			
Category	Size	Item Desc	Qty	UOM	Mat U...	Mat Adj	Mat Ext	Fld Unit	Fld Adj	Fld Ext
		3" 150 LB FULL FACE GARLOC...	2.00	ea	6.60	1.00	13.20	0.3100	1.0000	0.6200
		3" 150 LB PLUG VALVE	1.00	ea	516.00	1.00	516.00	2.1500	1.0000	2.1500
		2" X 3" STD. NIPPLE	2.00	ea	29.21	1.00	58.42	0.1500	1.0000	0.3000
		3/4" X 3" STD. NIPPLE	1.00	ea	9.87	1.00	9.87	0.1200	1.0000	0.1200
		INSTALL 2" FLEX CONN	1.00	ea	Manual	1.00	0.00	1.1200	1.0000	1.1200
		2" GAS REG 2 PSI-11 IN. WC.	1.00	ea	1500.00	1.00	1,500.00	1.3500	1.0000	1.3500
		UNISTRUT 4-HOLE POST SUP...	4.00	ea	21.16	1.00	84.64	0.5200	1.0000	2.0800
		1/2" X 1-1/4" PLATED CAP BOLT	24.00	ea	0.16	1.00	3.84	0.0300	1.0000	0.7200
		1-5/8" X 1-5/8" PLATED STRUT	20.00	ea	3.34	1.00	66.80	0.1300	1.0000	2.6000
		3-1/2" RIGID PIPE CLAMP	4.00	ea	4.81	1.00	19.24	0.4500	1.0000	1.8000
		GAS REGULATOR FREIGHT	1.00	ea	40.00	1.00	40.00	Manual	1.0000	0.0000
150# SCH 40 BLK MAL	2" x6"	STD.NIPPLES	1.00	ea	47.65	1.00	47.65	0.1600	1.0000	0.1600
150# SCH 40 BLK MAL	3/4"	CORED PLUG-FIG.387/389	1.00	ea	8.49	1.00	8.49	0.2700	1.0000	0.2700
300# SCH 80 BLK MAL	2"	UNION-300#- FPTxFPT-W/BRS....	4.00	ea	265.47	1.00	1,061.88	1.2000	1.0000	4.8000
SCH 40 BLK 150# WLD	3"	A53 BWS40 BK PE PIPE	21.00	'	23.11	1.00	485.29	0.2300	1.0000	4.8300
SCH 40 BLK 150# WLD	3"	90 ELBOW - LR	4.00	ea	44.83	1.00	179.32	2.3000	1.0000	9.2000
SCH 40 BLK 150# WLD	3"	TEE	2.00	ea	111.47	1.00	222.94	3.4500	1.0000	6.9000
SCH 40 BLK 150# WLD	3" x2"	CONCENTRIC REDUCER	2.00	ea	52.80	1.00	105.60	1.9500	1.0000	3.9000
SCH 40 BLK 150# WLD	3"	CAPS	1.00	ea	45.78	1.00	45.78	1.1500	1.0000	1.1500
SCH 40 BLK 150# WLD	3/4"	THREAD-O-LET-3M	1.00	ea	23.64	1.00	23.64	1.0000	1.0000	1.0000
SCH 40 BLK 150# WLD	3"	150 CS STD.RF--WELDNECK F...	2.00	ea	62.20	1.00	124.40	1.1500	1.0000	2.3000
SCH 40 BLK 150# WLD	3" x2"	ECCENTRIC REDUCER	1.00	ea	82.62	1.00	82.62	1.9500	1.0000	1.9500
APOLLO BALL VALVES	3/4"	70-100-150#-SCR-BALL	1.00	ea	68.53	1.00	68.53	0.5500	1.0000	0.5500
HANGER-R.CLAMP-ETC.	1/2"	FIG.165H-HEX NUTS	24.00	ea	0.12	1.00	2.97	Skip	1.0000	0.0000
HANGER-R.CLAMP-ETC.	5/8"	FIG.165H-HEX NUTS	8.00	ea	0.98	1.00	7.88	Skip	1.0000	0.0000
HANGER-R.CLAMP-ETC.	1/2"	FIG. 1309-WEDGE ANCHOR	16.00	ea	0.65	1.00	10.47	0.1000	1.0000	1.6000
NUTS BOLTS & GASKETS	5/8" x3"	GR.5 BOLTS PLAIN C/S	8.00	ea	3.20	1.00	25.60	0.0300	1.0000	0.2400
SUPERSTRUT/TRAPEZE A...	1/2"	GALV L/SPRING NUT(B-22)	8.00	ea	0.47	1.00	3.76	0.0200	1.0000	0.1600
PIPE MARKERS	B	NATURAL GAS #C173	2.00	spec	3.87	1.00	7.74	0.1000	1.0000	0.2000
PIPE MARKERS & TAGS	1-1/2"	BRASS TAGS	1.00	ea	5.05	1.00	5.05	0.1000	1.0000	0.1000
PIPE MARKERS & TAGS	#16	BRASS JACK CHAIN	1.00	spec	0.50	1.00	0.50	0.0500	1.0000	0.0500
PIPE MARKERS & TAGS	Unsize	BRASS "S" HOOKS	1.00	ea	0.25	1.00	0.25	0.0200	1.0000	0.0200
Grand Totals							4,832.37			52.2400

INDEPENDENT

Pipe and Supply Corp.

134 ADDISON ROAD
WINDSOR, CT 06095
860-243-8500 / Fax: 860-286-8386

Price Quotation

Date	Quote #	Page:
08/27/25	770142	1
Expiration Date	Quoted To	
08/28/25	PDMEC	

Quoted To:

P & D MECHANICAL INC.
627 OLD HARTFORD ROAD
COLCHESTER, CT 06415

Ship To:

P & D MECHANICAL INC.
627 OLD HARTFORD ROAD
COLCHESTER, CT 06415

Phone: 860-537-0617
Fax: 860-537-0839

Requested By: X
Job Name: REQ# PR-19 GEN GAS JOB# 282

Writer:	Salesman:	Notes:	Writers Email:
DEP	JJM		DPaquin@indpipe.com

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:
<p>DUE TO UNPRECEDENTED MARKET VOLATILITY, ALL QUOTATIONS ARE ONLY VALID FOR ONE (1) DAY.</p> <p>=====</p> <p>1 REQ# PR-19 GEN GAS JOB# 282</p> <p>2 =====</p> <p>3 =====</p>					
4	21	FT 3 STD BLK A53B ERW SRL PE A53 ERW Grade B Domestic Black Steel Pipe	FT	23.109	485.29 ✓
5	2	3 STD WELD TEE Carbon Steel Weld Fitting	EA	111.470	222.94 ✓
6	4	3 STD L/R WELD ELL Carbon Steel Weld Fitting	EA	44.830	179.32 ✓
7	2	3 150# R/F W/N FLG Carbon Steel 150# Flange 3 X 7-1/2 Non Reducing Flange	EA	62.200	124.40
8	2	3 STD F/F NON-ASB GASKET 1/16in Fiber Compound Gasket	EA	6.600	13.20 ✓
9	8	5/8x3 PLATED HEX HD BOLT Plated Bolt 58113HHCSZ	EA	3.203	25.62 ✓

***CONTINUED**

We are now stocking MegaPress and MegaPressG www.viega.net fittings (Viega's new press system for black pipe) and high efficiency condensing boilers.
Please inquire with your salesperson or visit us at www.indpipe.com for more information.

INDEPENDENT

Pipe and Supply Corp.

134 ADDISON ROAD
WINDSOR, CT 06095
860-243-8500 / Fax: 860-286-8386

Price Quotation

Date	Quote #	Page:
08/27/25	770142	2
Expiration Date	Quoted To	
08/28/25		

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:	
10	8	5/8 PLATED HEX NUT Plated Nut 5811HHNZ	EA	0.985	7.88	✓
11	1	3 C/I 125# LUBE PLUG V FLG Homestead #612/Walworth #1797 10030718	EA	516.000	516.00	✓
12	1	3x2 STD WELD ECC RED Carbon Steel Weld Fitting	EA	82.620	82.62	✓
13	2	3x2 STD WELD CONC RED Carbon Steel Weld Fitting	EA	52.800	105.60	✓
14	1	2x6 STD BLK NIPPLE Black Steel Nipple	EA	47.650	47.65	✓
15	1	2x3 STD BLK NIPPLE Black Steel Nipple	EA	29.210	29.21	✓
16	2	2 300# BLK MALL G/J UNION Black Malleable Fitting Domestic	EA	265.470	530.94	✓
17	2	2 300# BLK MALL G/J UNION Black Malleable Fitting Domestic	EA	265.470	530.94	✓
18	1	3 STD WELD CAP Carbon Steel Weld Fitting	EA	45.780	45.78	✓
19	1	3/4x36--1-1/2 3000# THD-O-LET Forged Steel Fitting	EA	23.640	23.64	✓
20	1	3/4x3 STD BLK NIPPLE Black Steel Nipple	EA	9.870	9.87	✓
21	1	3/4 BRZ UL FOR LP GAS B/V THD Apollo #8010401 Ball Valve Bronze Body Valve	EA	68.530	68.53	✓
22	1	3/4 BLK SQ HD PLUG Merchant Steel Fitting	EA	8.490	8.49	✓
23		=====				

*CONTINUED

INDEPENDENT

Pipe and Supply Corp.

134 ADDISON ROAD
WINDSOR, CT 06095
860-243-8500 / Fax: 860-286-8386

Price Quotation

Date	Quote #	Page:
08/27/25	770142	3
Expiration Date	Quoted To	
08/28/25		

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:
24		BELOW IS STOCK AT THE FACTORY			
25		PLUS FREIGHT CHARGES			
26		***ESTIMATED FREIGHT*****			
27		UPS GROUND \$40.00			
28					
29	1	2" NAT GAS REGULATOR FI031155-6BP 2" PAINTED BALAN- CED VALVE 9.5" DIAPHRAGM, FULL LOCK UP,INTERANL SENSING 1/2" VENT BLK SPRING 6-14" 2SPIG MAOP CSA Z21.80 CERT	EA	1500.000	1500.00 ✓
30		=====			

Quotation Total \$4,557.92



NEFCO CORPORATION - (CT)
411 BURNHAM STREET
EAST HARTFORD, CT 06108
Phone 860-289-0285
Fax 860-282-1487



Quotation

EXPIRATION DATE	QUOTE NUMBER
09/19/2025	S5665080
NEFCO CORPORATION - (CT) 411 BURNHAM STREET EAST HARTFORD, CT 06108 Phone 860-289-0285 Fax 860-282-1487	
PAGE NO.	
1 of 2	

QUOTE TO:

SHIP TO:

P & D MECHANICAL INC.
627 OLD HARTFORD ROAD
627 OLD HARTFORD ROAD
COLCHESTER, CT 06415

P & D MECHANICAL INC.
627 OLD HARTFORD ROAD
627 OLD HARTFORD ROAD
COLCHESTER, CT 06415

ORDERED BY		CUSTOMER PO NUMBER		JOB NAME / RELEASE NUMBER		SALESPERSON		
DAVE		REQ PR-19 Gen Gas				Marcus Mohan		
WRITER			SHIP VIA		TERMS		SHIP DATE	FREIGHT ALLOWED
Prez Wszaborowski			EH TRUCK 3		2% 10th Net 30th		08/20/2025	Yes
LINE	ORDER QTY	DESCRIPTION				UNIT PRICE		EXT PRICE
		<div>SHIPPING INSTRUCTIONS</div> **** DO NOT BILL UPS CHARGES **** **** DO NOT SHIP FULL BOX QUANTITIES ON HINGED SPLIT RINGS UNLESS SPECIFIED ** PER DAVE W.						
1	4EA	PF3033SQ/EG POST BASE 4-HOLE BASE 2-HOLE UP F/1-5/8 STRUT SQ EG Pn: 69830				2115.885/C		84.64
2	1BX	DEW 6308SD-PWR 1/2-13 SMART DROPIN ANCH DI+ ZN PLTD {50/BX} Pn: 434027				65.429/C		32.71
3	8EA	50CNNSZ 1/2-13 STRUT NUT NO SPRING ZN PLTD Pn: 312058				46.875/C		3.75
4	1BX	25C125HCS2Z/P100 1/4-20 X 1-1/4 HEX CAP SCREW GR-2 ZN PLTD PKG 100/BX Pn: 16196				15.805/C		15.81
5	1BX	50DFLWZ/P100 1/2 USS FLAT WSHR ZN PLTD PKG BX/100 (9/16"ID 1-3/8"OD .109TK) Pn: 36714				12.372/C		12.37
6	20FT	PF200EH-10PG 1-5/8 X 1-5/8 X 10'L 12GA STRUT SLTD (ELONG HOLES) PREGALV {500FT/BNDL} Pn: 12481				333.750/CF		66.75

** Continued on Next Page **



Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
09/19/2025	S5665080	2 of 2

LINE	ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
7	4EA	PF1100-3-1/2EG 3-1/2 RIGID PIPE/CONDT CLAMP 4"OD F/STRUT EG Pn: 411453	481.085/C	19.24
THIS IS A QUOTATION Prices are firm for 15 days unless otherwise noted and are subject to change based on cost fluctuations. Quoted prices are effective for quantities quoted only. Applicable taxes extra.			Subtotal	235.27
			S&H Charges	0.00
			Amount Due	235.27

GOVERNOR STANDARD MODEL



2 PSIG

STANDARD MODEL

Inlet Pressure Range: 3" W.C. to 2 PSIG

MAIN FEATURES

ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) Class I for outlet pressures up to 14" W.C. Certified

Integral Vent Limiter

External Vent Limiter – no vent line required**

Positive 100% bubble tight lockup

Inlet and Outlet test ports 500 to 1 Turndown

Filter included in all models

SPECIFICATIONS

Suitable for use with Natural Gas,

LPG, and other non-corrosive, clean gas

Inlet Pressure: 3" W.C. to 2 PSIG CSA approved

Max. Inlet 7.25 PSIG for non-CSA applications

Outlet pressure: 2" W.C. to 14" W.C. and up to 4.25 PSIG for non-CSA applications

Temperature range: -40°F to 150°F

Connections: ½" thru 4"

Maximum Emergency Inlet Exposure Pressure: 80 PSIG

Suitable for Indoor or Outdoor Installation***

VENT SIZE

1/4" NPT 1/2" – 1"

1/2" NPT 1 1/4" – 4"

OUTLET SPRING RANGE

Green 2" W.C. to 5.1" W.C.*

Red 2.75" W.C. to 7.87" W.C.*

White 4" W.C. to 11.8" W.C.*

Black 6" W.C. to 14" W.C.*

Yellow 9.8" W.C. to 27.5" W.C.*

Violet 23.6" W.C. to 59" W.C. or 0.85 to 2.13

PSIG * Orange 55" W.C. to 118" W.C. or 2 to 4.26 PSIG

* Spring is CSA outlet pressure certified

** As Approved by Local Codes and Standards

*** Brass vent limiter must be removed for outdoor installation



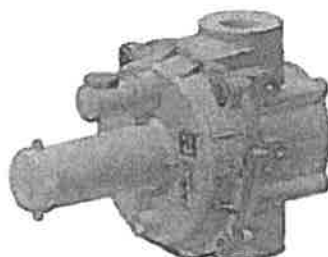
TECHNICAL DATA

Capacity in cfm for .60 Specific gravity gas with filter (capacity without filter in brackets)

	Outlet Pressure Set Point	Operating Inlet Pressure		
		14" W.C.	1 PSIG	2 PSIG
31051 1/2"	8" W.C.	386 (360)	552 (649)	785 (923)
	11" W.C.	218 (256)	511 (601)	785 (923)
31052 3/4"	8" W.C.	369 (450)	665 (812)	946 (1154)
	11" W.C.	363 (321)	616 (751)	946 (1154)
31053 1"	8" W.C.	495 (585)	893 (1,055)	1270 (1154)
	11" W.C.	353 (417)	825 (977)	1270 (1154)
31150 1/2" High Capacity	8" W.C.	610 (855)	1097 (1,543)	1558 (2193)
	11" W.C.	433 (609)	10,14 (1,428)	1558 (2193)
31151 3/4" High Capacity	8" W.C.	714 (1,080)	1284 (1,949)	1824 (2771)
	11" W.C.	507 (770)	1187 (1,803)	1824 (2771)
31152 1" High Capacity	8" W.C.	903 (1,283)	1625 (2,314)	2309 (3290)
	11" W.C.	642 (914)	1503 (2,142)	2309 (3290)
31153 1 1/4"	8" W.C.	2,071 (3,062)	3,735 (5,522)	5311 (7851)
	11" W.C.	1,476 (2,183)	3,457 (5,110)	5311 (7851)
31154 1 1/2"	8" W.C.	2,567 (3,197)	4,629 (5,766)	6581 (8197)
	11" W.C.	1,829 (2,279)	4,284 (5,336)	6581 (8197)
31155 2"	8" W.C.	5,179 (5,854)	9,339 (10,557)	13278 (15009)
	11" W.C.	3,691 (4,173)	8,643 (9,336)	13278 (15009)
31156/F 2 1/2"	8" W.C.	6,530 (7,431)	11,775 (13,999)	16741 (19051)
	11" W.C.	4,655 (5,297)	10,898 (12,401)	16741 (19051)
31157/F 3"	8" W.C.	7,205 (9,007)	12,993 (16,242)	18473 (23092)
	11" W.C.	12,025 (6,240)	12,025 (15,032)	18473 (23092)
31158/F 4"	8" W.C.	12,835 (15,762)	23,245 (28,424)	32906 (40411)
	11" W.C.	9,149 (11,236)	21,420 (26,306)	32906 (40411)

Tab.3

For additional sizing, visit www.gasinside.com www.GasInside.com • 888.618.8787



GOVERNOR Line Pressure Regulator

*** APPLICATION NOTES ***

1. The Governor regulator is ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) certified for vent limited installations (indoor installations where a vent line is not required) depending upon local codes and standards requirements. Per the terminology of the standard there is no "vent less regulator", they are vent limited because they can leak up to 2.5 cu.ft. per hr. (1 cu.ft. per hr. propane) per the code. The regulators per code can be installed without installing a vent line but again are technically termed "vent limited" per the standard not vent less.
2. The tables listed are guidelines in capacity. The actual capacity can differ based on inlet and outlet piping, type of equipment installed and flowing differential pressure of the system.
3. The Governor is a bubble tight full lockup regulator (it will not leak gas downstream when it shuts off). Lock up of the Governor is certified to ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) standard. Lock up in any given installation can vary based on, piping, snap acting gas valves on high efficiency equipment, firing rate at the time of equipment shut off, debris in the line, temperature, as well as many other variables. You may see variations in lock up in some installations due to the above Pietro Fiorentini will not guarantee the lock up will meet your equipment requirement due to these variations in installations and piping.
4. The low Capacity GOVERNORS 3/8" - 1" are intended for use on equipment such as unit heaters or simple on/off furnace applications.
5. Use the High Capacity GOVERNORS on all "High Efficiency" quick acting gas valve applications, such as generators, pool heaters, or high turn down boilers. Install a regulator on each individual piece of equipment. Size the regulator at minimum 50% to 100% of listed capacity to minimize high lock-up. Make sure you match the regulator pipe size to the pipe size of the equipments gas train and design the piping to minimize pressure drop to 1" W.C. between the regulator and the gas train.
6. Try to match the GOVERNOR regulator to the pipe size of the equipment and minimize pressure drop between the regulator and equipment to 1" W.C.. Minimize the amount of elbows and fittings between the regulator and the equipment and use full port ball valves not plug valves or reduced port valves.
7. Be careful on applications where you increase the outlet piping more than 1 diameter. You may need to install an external control line in the larger piping. The GOVERNOR can be ordered with or retrofitted with an external control line.
8. Make sure on all installations you don't install the regulator directly at the equipment. Install the regulator 3 to 10 feet away depending on the application.
9. Never install the external brass vent limiter outdoors. For outdoors installation install appropriate vent protection.
10. All GOVERNORS include an inlet filter. The filter and/or regulator may be cleaned by removing the bottom plate Torx security screws, bottom plate assembly, then remove the filter. The filter can then be cleaned with detergent or Buna compatible solvent and dried. The valve and orifice can be cleaned with a cloth while the bottom plate is off. Then reassemble the unit.
11. If there are ever any questions on the installation or application of the Governor regulator, immediately contact your local authorized distributor or representative.
12. The maximum inlet pressure on the regulator label is the required maximum pressure of the ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) rating. It is not always the maximum allowable operating inlet pressure of the regulator. The rating is a CSA requirement.



GOVERNOR

Line Pressure Regulators



*** APPLICATION NOTES ***

- A. The Governor regulator is ANSI Z21.80a and ANSI Z21.18 certified for vent limited installations (indoor installations where a vent line is not required) depending upon local codes and standards requirements. Per the terminology of the standard there is no "vent less regulator", they are vent limited because they can leak up to 2.5 cu.ft. per hr. (1 cu.ft. per hr. propane) per the code. The regulators per code can be installed without installing a vent line but again are technically termed "vent limited" per the standard not vent less.
- B. The tables listed are guidelines in capacity. The actual capacity can differ based on inlet and outlet piping, type of equipment installed and flowing differential pressure of the system.
- C. The Governor is a bubble tight full lockup regulator (it will not leak gas downstream when it shuts off). Lock up of the Governor is certified to CSA ANSI Z21.80a standards. Lock up in any given installation can vary based on piping, snap acting gas valve on high efficiency equipment, firing rate at the time of equipment shut off, debris in the line, temperature, as well as many other variables. You may see variations in lock up in some installations due to the above; Pietro Fiorentini will not guarantee the lock up will meet your equipment requirement due to these variations in installations and piping.
- D. The Low Capacity GOVERNORS 1/2" - 1" are intended for use on equipment such as unit heaters or simple on/off furnace applications.
- E. Use the High Capacity GOVERNORS on all "High Efficiency" quick acting gas valve applications, such as generators, pool heaters, or high turn down boilers. Install a regulator on each individual piece of equipment. Size the regulator at minimum 50% to 100% over of listed capacity to minimize high lock-up.
- F. Try to match the GOVERNOR regulator to the pipe size of the equipment and minimize pressure drop between the regulator and equipment to 1" W.C.. Minimize the amount of elbows and fittings between the regulator and the equipment and use full port ball valves not plug valves or reduced port valves.
- G. Be careful on applications where you increase the outlet piping more than 1 diameter. You may need to install an external control line in the larger piping. The GOVERNOR can be ordered with or retrofitted with an external control line.
- H. Make sure on all installations you don't install the regulator directly at the equipment. Install the regulator 3 to 10 feet away depending on the application.
- I. Never install the external brass vent limiter outdoors. For outdoors installation install appropriate vent protection.
- J. ALL GOVERNORS include an inlet filter. The filter and/or regulator may be cleaned by removing the bottom plate Torx security screws, bottom plate assembly, then remove the filter. The filter can then be cleaned with detergent or Buna compatible solvent and dried. The valve and orifice can be cleaned with a cloth while the bottom plate is off. Then reassemble the unit.
- K. If there are ever any questions on the installation or application of the Governor regulator, immediately contact your local authorized distributor or representative.
- L. The maximum inlet pressure on the regulator label is the required maximum pressure of the CSA ANSI Z21.80 rating. It is not always the maximum allowable operating inlet pressure of the regulator. The rating is a CSA requirement.



GOVERNOR

Line Pressure Regulators

Introduction

Pietro Fiorentini's GOVERNOR line of gas regulators are designed to comply with the latest CSA and international standards for regulators suitable for indoor and outdoor installations with no modifications.

The GOVERNOR family of regulators are ideal for a wide range of residential through large industrial applications. The materials and soft parts used in the construction of the GOVERNOR regulators make them suitable for use with natural gas, LPG, Propane air and other non-corrosive gases.

All GOVERNOR regulators are equipped with balanced valve design for improved high outlet pressure accuracy regardless of inlet pressure variation. The double diaphragm with integral vent limiter provides added security. The external vent limiter reduces piping costs and the need for costly vent piping for indoor installations and complies with CSA guidelines.* The number of high capacities and regulator options sometimes eliminates the need for separate units and significantly reduces installation costs.

Safe, Reliable and High Performance

- Internal vent limiter: non removable, for indoor and outdoor installations.
- External vent limiter option for indoor installations.*
- Double diaphragm for added safety and greater reliability of service.
- Balanced valve design gives you for increase capacity, high 500 to 1 turndown and stable regulation from low to high flow.
- Complete lockup in absence of gas flow, 100% bubble tight shutoff.
- Filter included in high capacity model.

* As Approved by Local Codes and Standards

** Brass Vent Limiters must be removed for outdoor installation **



STANDARD MODEL

Inlet Pressure Range: 3" W.C. to 2 PSIG



OVER PRESSURE DEVICE (OPD) MODEL

Inlet Pressure Range: 7" W.C. to 5 PSIG



OVER PRESSURE DEVICE (DC) MODEL

Inlet Pressure Range: 3 PSIG to 10 PSIG

*As Approved by Local Codes and Standards



GOVERNOR

Line Pressure Regulators

Standard Model

2 PSIG



Main Features

- CSA 6.22a-2005 ANSI Z21.80A2005 Class I for outlet pressures up to 14" W.C. Certified
- Integral Vent Limiter
- CSA approved External Vent Limiter – no vent line required**
- Positive 100% bubble tight lock up Inlet and Outlet test ports
- 500 to 1 Turndown

Specifications

- Suitable for use with Natural Gas, LPG, and other non-corrosive, clean gas
- Inlet Pressure: 3" W.C. to 2 PSIG CSA approved
- Max. Inlet 7.25 PSIG for non-CSA
- Outlet pressure: 2" W.C. to 14" W.C. for CSA
Outlet pressure: 2" W.C. to 4.25 PSIG for non-CSA
- Temperature range: -40°F to 150°F
- Connections: ½" thru 4"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

* As Approved by Local Codes and Standards

** Brass Vent Limiters must be removed for outdoor installation **

Standard Model
Inlet Pressure Range: 3" W.C. to 2 PSIG



Vent Sizes

- 1/4" NPT 1/2" – 1"
- 1/2" NPT 1 1/4" – 4"

Outlet Spring Range

- Green 2" W.C. to 5.1" W.C.*
- Red 2.75" W.C. to 7.87" W.C.*
- Black 6" W.C. to 14" W.C.*
- Yellow 9.8" W.C. to 27.5" W.C.
- Violet 23.6" W.C. to 59" W.C. or 0.85 to 2.13 PSIG
- Orange 55" W.C. to 118" W.C. or 2 to 4.26 PSIG

*Spring is CSA outlet pressure certified

**As Approved by Local Codes and Standards

GOVERNOR
Standard Model

CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS WITH FILTER (CAPACITY WITHOUT FILTER IN BRACKETS)

	Outlet Pressure Set Point	Operating Inlet Pressure		
		14" W.C.	1 PSIG	2 PSIG
31051 ½"	8" W.C.	306 (360)	552 (649)	785 (923)
	11" W.C.	218 (256)	511 (601)	788 (927)
31052 ¾"	8" W.C.	369 (450)	665 (812)	946 (1,154)
	11" W.C.	263 (321)	616 (751)	950 (1,158)
31053 1"	8" W.C.	495 (585)	893 (1,055)	1,270 (1,500)
	11" W.C.	353 (417)	826 (977)	1,274 (1,506)
31150 ½" High Capacity	8" W.C.	675 (855)	1,218 (1,543)	1,731 (2,193)
	11" W.C.	481 (609)	1,127 (1,428)	1,738 (2,201)
31151 ¾" High Capacity	8" W.C.	788 (1,080)	1,421 (1,949)	2,020 (2,771)
	11" W.C.	561 (770)	1,315 (1,803)	2,028 (2,781)
31152 1" High Capacity	8" W.C.	990 (1,283)	1,786 (2,314)	2,540 (3,290)
	11" W.C.	706 (914)	1,653 (2,142)	2,549 (3,302)
31153 1½"	8" W.C.	2,071 (3,062)	3,735 (5,522)	5,311 (7,851)
	11" W.C.	1,476 (2,183)	3,457 (5,110)	5,330 (7,880)
31154 1½"	8" W.C.	2,567 (3,197)	4,629 (5,766)	6,581 (8,197)
	11" W.C.	1,829 (2,279)	4,284 (5,336)	6,605 (8,228)
31155 2"	8" W.C.	5,179 (5,854)	9,339 (10,557)	13,278 (15,009)
	11" W.C.	3,691 (4,173)	8,643 (9,770)	13,327 (15,065)
31156/F 2½"	8" W.C.	6,530 (7,431)	11,775 (13,399)	16,741 (19,051)
	11" W.C.	4,655 (5,297)	10,898 (12,401)	16,803 (19,121)
31157/F 3"	8" W.C.	7,205 (9,007)	12,993 (16,242)	18,473 (23,092)
	11" W.C.	5,136 (6,240)	12,025 (15,032)	18,542 (23,177)
31158/F 4"	8" W.C.	12,835 (15,762)	23,145 (28,424)	32,906 (40,411)
	11" W.C.	9,149 (11,236)	21,420 (26,306)	33,027 (40,560)

NOTE: Flow rates are actual stated recommended capacities, for optimal performance.

 For additional sizing, visit www.GasInside.com • 888.618.8787

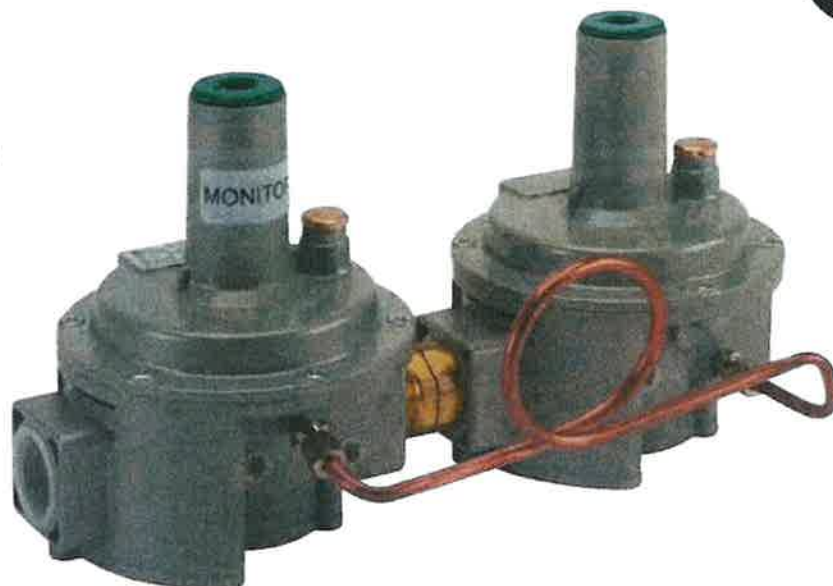


GOVERNOR

Line Pressure Regulators

Over Pressure Device (OPD) Model

5 PSIG



Main Features

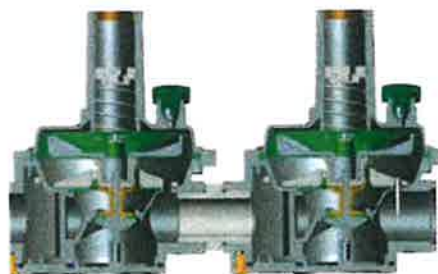
- Worker & Monitor for added Safety
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class I for outlet pressures up to 14" W.C. and inlet pressures up to 5 PSIG
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class II for outlet pressures up to 1 PSIG and inlet pressures up to 5 PSIG
- Integral Vent Limiter
- CSA approved External Vent Limiter – no vent line required**
- Positive 100% bubble tight lockup
- Inlet and Outlet test ports
- 500 to 1 Turndown

Specifications

- Suitable for use with Natural Gas, LPG, and other non-corrosive, clean gas
- Inlet Pressure: 7" W.C. to 5 PSIG CSA approved
- Max. Inlet 7.25 PSIG for non-CSA
- Outlet pressure: 2" W.C. to 14" W.C. for CSA Class I
- Outlet pressure: 2" W.C. to 1 PSIG for CSA Class II
- Outlet pressure: 2" W.C. to 4.25 PSIG for non-CSA
- Temperature range: -40°F to 150°F
- Connections: 1/2" thru 4"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

** Brass Vent Limiters must be removed for outdoor installation **

OverPressure Device (OPD) Model
Inlet Pressure Range: 7" W.C. to 5 PSIG



Vent Sizes

- 1/4" NPT 1/2" – 1"
- 1/2" NPT 1 1/4" – 4"

Outlet Spring Range

- Green 2" W.C. to 5.1" W.C.*
- Red 2.75" W.C. to 7.87" W.C.*
- Black 6" W.C. to 14" W.C.*
- Yellow 9.8" W.C. to 27.5" W.C.*
- Violet 23.6" W.C. to 59" W.C. or 0.85 to 2.13 PSIG *
- Orange 55" W.C. to 118" W.C. or 2 to 4.26 PSIG

*Spring is CSA outlet pressure certified

GOVERNOR
Over Pressure Device (OPD) Model


CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS WITH FILTER (CAPACITY WITHOUT FILTER IN BRACKETS)

	Outlet Pressure Set Point	Operating Inlet Pressure	
		3 PSIG	5 PSIG
31051OPD ½"	8" W.C.	785	(923)
	11" W.C.	788	(927)
	14" W.C.	790	(930)
31052OPD ¾"	8" W.C.	946	(1,154)
	11" W.C.	950	(1,158)
	14" W.C.	953	(1,163)
31053OPD 1"	8" W.C.	1,270	(1,500)
	11" W.C.	1,274	(1,506)
	14" W.C.	1,279	(1,512)
31150OPD ½" High Capacity	8" W.C.	1,731	(2,193)
	11" W.C.	1,738	(2,201)
	14" W.C.	1,744	(2,209)
31151OPD ¾" High Capacity	8" W.C.	2,020	(2,771)
	11" W.C.	2,028	(2,781)
	14" W.C.	2,035	(2,791)
31152OPD 1" High Capacity	8" W.C.	2,540	(3,290)
	11" W.C.	2,549	(3,302)
	14" W.C.	2,558	(3,314)
31153OPD 1¼"	8" W.C.	5,311	(7,851)
	11" W.C.	5,330	(7,880)
	14" W.C.	5,350	(7,909)
31154OPD 1½"	8" W.C.	6,581	(8,197)
	11" W.C.	6,605	(8,228)
	14" W.C.	6,629	(8,258)
31155OPD 2"	8" W.C.	13,278	(15,009)
	11" W.C.	13,327	(15,065)
	14" W.C.	13,375	(15,120)
31156OPD 2½"	8" W.C.	16,741	(19,051)
	11" W.C.	16,803	(19,121)
	14" W.C.	16,865	(19,191)
31157OPD 3"	8" W.C.	18,473	(23,092)
	11" W.C.	18,542	(23,177)
	14" W.C.	18,610	(23,262)
31158OPD 4"	8" W.C.	32,906	(40,411)
	11" W.C.	33,027	(40,560)
	14" W.C.	33,149	(40,709)

NOTE: Flow rates are actual stated recommended capacities, for optimal performance.

 For additional sizing, visit www.GasInside.com • 888.618.8787



GOVERNOR

Line Pressure Regulators

Over Pressure Device (DC) Model

10 PSIG



Main Features

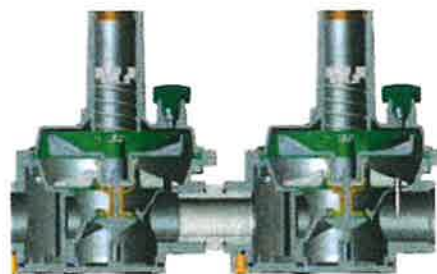
- 2 stage out for added Safety
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class I for outlet pressures up to 1 PSIG and inlet pressures up to 10 PSIG
- CSA Certified 6.22a-2005 ANSI Z21.80A2005 Class II for outlet pressures up to 1 PSIG and inlet pressures up to 10 PSIG
- Two stage regulation for Over Pressure Protection
- Integral Vent Limiter
- CSA approved External Vent Limiter – no vent line required**
- Positive 100% bubble tight lockup
- Inlet and Outlet test ports
- 500 to 1 Turndown

Specifications

- Suitable for use with Natural Gas, LPG, and other non-corrosive, clean gas
- Inlet Pressure: 3 PSIG to 10 PSIG
- Max. Inlet 10 PSIG for CSA and non-CSA
- Outlet pressure: 2" W.C. to 14" W.C. for CSA Class I
- Outlet pressure: 2" W.C. to 1 PSIG for CSA Class II
- Outlet pressure: 2" W.C. up to 4.25 PSIG for non-CSA
- Temperature range: -40°F to 150°F
- Connections: 1/2" thru 4"
- Maximum Emergency Inlet Exposure Pressure: 80 PSIG
- Suitable for Indoor or Outdoor Installation

** Brass Vent Limiters must be removed for outdoor installation **

Over Pressure Device (DC) Model
Inlet Pressure Range: 3 PSIG to 10 PSIG



Vent Sizes

- 1/4" NPT 1/2" – 1"
- 1/2" NPT 1 1/4" – 4"

Outlet Spring Range

- Green 2" W.C. to 5.1" W.C.*
- Red 2.75" W.C. to 7.87" W.C.*
- Black 6" W.C. to 14" W.C.*
- Yellow 9.8" W.C. to 27.5" W.C.*
- Violet 23.6" W.C. to 59" W.C. or 0.85 to 2.13 PSIG *
- Orange 55" W.C. to 118" W.C. or 2 to 4.26 PSIG

*Spring is CSA outlet pressure certified

GOVERNOR Over Pressure Device (DC) Model



CAPACITY IN CFH FOR .60 SPECIFIC GRAVITY GAS WITH FILTER (CAPACITY WITHOUT FILTER IN BRACKETS)

	Outlet Pressure Set Point		Operating Inlet Pressure			
	3 PSIG		5 PSIG		10 PSIG	
31051DC ½"	8" W.C.	785 (923)	785 (923)	785 (923)	785 (923)	785 (923)
	11" W.C.	788 (927)	788 (927)	788 (927)	788 (927)	788 (927)
	14" W.C.	799 (930)	790 (930)	790 (930)	790 (930)	790 (930)
31052DC ¾"	8" W.C.	946 (1,154)	946 (1,154)	946 (1,154)	946 (1,154)	946 (1,154)
	11" W.C.	950 (1,158)	950 (1,158)	950 (1,158)	950 (1,158)	950 (1,158)
	14" W.C.	953 (1,163)	953 (1,163)	953 (1,163)	953 (1,163)	953 (1,163)
31053DC 1"	8" W.C.	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)	1,270 (1,500)
	11" W.C.	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)	1,274 (1,506)
	14" W.C.	1,279 (1,512)	1,279 (1,512)	1,279 (1,512)	1,279 (1,512)	1,279 (1,512)
31150DC ½" High Capacity	8" W.C.	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)	1,731 (2,193)
	11" W.C.	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)	1,738 (2,201)
	14" W.C.	1,744 (2,209)	1,744 (2,209)	1,744 (2,209)	1,744 (2,209)	1,744 (2,209)
31151DC ¾" High Capacity	8" W.C.	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)	2,020 (2,771)
	11" W.C.	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)	2,028 (2,781)
	14" W.C.	2,035 (2,791)	2,035 (2,791)	2,035 (2,791)	2,035 (2,791)	2,035 (2,791)
31152DC 1" High Capacity	8" W.C.	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)	2,540 (3,290)
	11" W.C.	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)	2,549 (3,302)
	14" W.C.	2,558 (3,314)	2,558 (3,314)	2,558 (3,314)	2,558 (3,314)	2,558 (3,314)
31153DC 1½"	8" W.C.	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)	5,311 (7,851)
	11" W.C.	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)	5,330 (7,880)
	14" W.C.	5,350 (7,909)	5,350 (7,909)	5,350 (7,909)	5,350 (7,909)	5,350 (7,909)
31154DC 1½"	8" W.C.	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)	6,581 (8,197)
	11" W.C.	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)	6,605 (8,228)
	14" W.C.	6,629 (8,258)	6,629 (8,258)	6,629 (8,258)	6,629 (8,258)	6,629 (8,258)
31155DC 2"	8" W.C.	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)	13,278 (15,009)
	11" W.C.	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)	13,327 (15,065)
	14" W.C.	13,375 (15,120)	13,375 (15,120)	13,375 (15,120)	13,375 (15,120)	13,375 (15,120)
31157DC 3"	8" W.C.	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)	18,473 (23,092)
	11" W.C.	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)	18,542 (23,177)
	14" W.C.	18,610 (23,262)	18,610 (23,262)	18,610 (23,262)	18,610 (23,262)	18,610 (23,262)
31158DC 4"	8" W.C.	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)	32,906 (40,411)
	11" W.C.	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)	33,027 (40,560)
	14" W.C.	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)	33,149 (40,709)

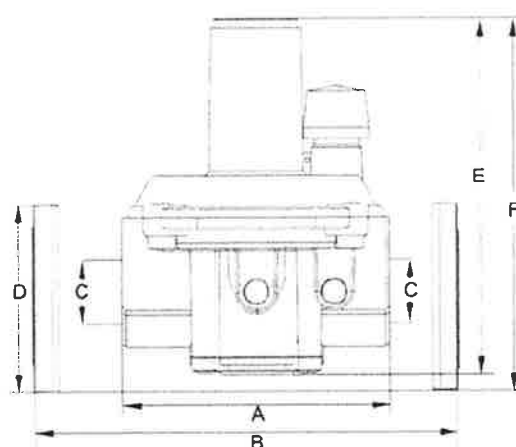
NOTE: Flow rates are actual stated recommended capacities, for optimal performance.

For additional sizing, visit www.GasInside.com • 888.618.8787

GOVERNOR Standard Model - Dimensions

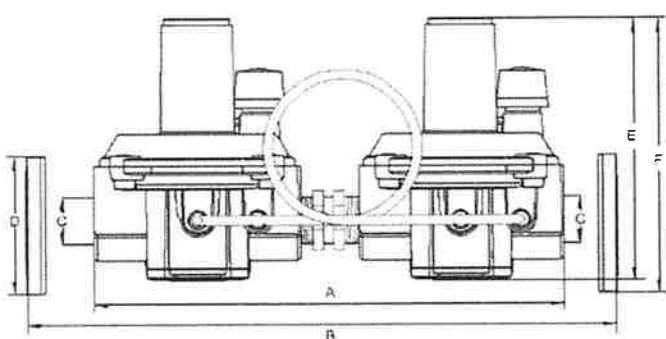
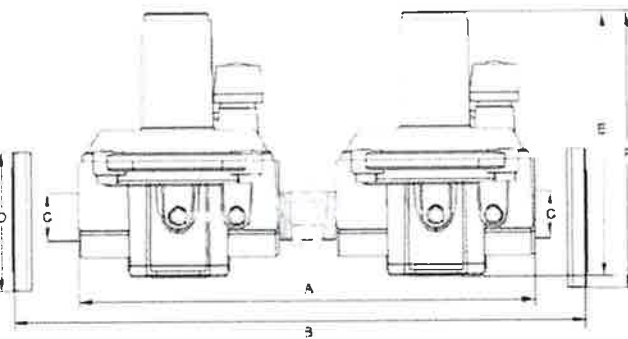


DIMENSIONS (IN INCHES)



Model #	Size	A	B	C	D	E	F	Weight (Lbs)
31051	1/2" NPT	4.29	-	1/2	-	5.59	-	1.54
31052	3/4" NPT	4.29	-	3/4	-	5.59	-	1.54
31053	1" NPT	4.29	-	1	-	5.59	-	1.54
31150	1/2" NPT	5.43	-	1/2	-	6.89	-	2.75
31151	3/4" NPT	5.28	-	3/4	-	6.89	-	2.75
31152	1" NPT	5.28	-	1	-	6.89	-	2.75
31153	1 1/4" NPT	7.64	-	1 1/4	-	10	-	7.5
31154	1 1/2" NPT	7.64	-	1 1/2	-	10	-	7.5
31155	2" NPT	9.29	-	2	-	12.44	13.74	12.34
31156/F	2 1/2" FLANGED	-	16.9	3	ANSI 150	-	17.09	27.56
31157/F	3" FLANGED	-	16.9	3	ANSI 150	-	17.09	27.56
31158/F	4" FLANGED	-	16.9	4	ANSI 150	-	19.76	27.56

GOVERNOR Over Pressure Device (OPD) Model & Dual Cut (DC) Model - Dimensions



DIMENSIONS (IN INCHES)

Model #	Size	A	B	C	D	E	F	Weight (Lbs)
31051	1/2" NPT	8.86	-	1/2	-	5.59	-	3.25
31052	3/4" NPT	8.86	-	3/4	-	5.59	-	3.25
31053	1" NPT	8.86	-	1	-	5.59	-	3.25
31150	1/2" NPT	11.22	-	1/2	-	6.89	-	5.75
31151	3/4" NPT	11.22	-	3/4	-	6.89	-	5.75
31152	1" NPT	11.22	-	1	-	6.89	-	5.75
31153	1 1/4" NPT	16.61	-	1 1/4	-	10	-	15.5
31154	1 1/2" NPT	16.61	-	1 1/2	-	10	-	15.5
31155	2" NPT	19.88	-	2	-	12.44	13.74	25
31156/F	2 1/2" FLANGED	-	33.93	3	ANSI 150	-	17.09	56
31157/F	3" FLANGED	-	33.93	3	ANSI 150	-	17.09	56
31158/F	4" FLANGED	-	33.93	4	ANSI 150	-	19.76	56

Warranty Policy

The Seller undertakes to remedy any defects, lack of quality or non-conformity of the goods contract for which he is responsible, provided such defects have been notified in accordance within 10 (ten) days from the occurrence. The Seller may either repair or replace the goods which have shown to be defective.

In case of repair, request to return product(s) for repair must be pre-approved in writing by our Sales Department. The product(s) shall be returned pre-paid to Pietro Fiorentini USA.

Seller is not responsible for defects due to: natural wearing, Buyer's inexperience, negligence, tampering or wrong assemblage, overcome of limits conditions, non authorized intervention, force majeure or fault of the Buyer. The duration of the guarantee is twenty four months from delivery of goods.

The present warranty is not enforceable in case of lack of payment in the agreed terms. It is agreed that the obligation to repair or replace the defective goods is in lieu of any other legal guarantee or liability of the Seller, whether contractual or non-contractual, which may arise out of or in relation with the goods supplied (e.g. compensation of damages, loss of profit, recall campaigns, etc.). For goods that have been purchased from sub-suppliers, the warranty guarantee granted by them is herewith extended to the Buyer.

Materials

- Body & Cover: Aluminum Alloy
- External Coatings: Polyurethane paint on request
- Diaphragm, O Rings & Valve: Nitrile Rubber
- Diaphragm Pan: Aluminized Steel

Residential and Commercial Applications



DIVAL 500



DIVAL 600



NORVAL



**Pietro
Fiorentini®**

Pietro Fiorentini USA
4555 South Berkeley Lake Road
Norcross, GA 30071

Toll Free:
800-554-1036
Fax: 770.448.7312

www.fioua.com

www.gasinside.com

The data enclosed is not binding. We reserve the right to make eventual changes without prior notice.

CT-S581-US April 5, 2017

*** APPLICATION NOTES ***

- A. The Governor regulator is ANSI Z21.80a and ANSI Z21.18 certified for vent limited installations (indoor installations where a vent line is not required) depending upon local codes and standards requirements. Per the terminology of the standard there is no "vent less regulator", they are vent limited because they can leak up to 2.5 cu.ft. per hr. (1 cu.ft. per hr. propane) per the code. The regulators per code can be installed without installing a vent line but again are technically termed "vent limited" per the standard not vent less.
- B. The tables listed are guidelines in capacity. The actual capacity can differ based on inlet and outlet piping, type of equipment installed and flowing differential pressure of the system.
- C. The Governor is a bubble tight full lockup regulator (it will not leak gas downstream when it shuts off). Lock up of the Governor is certified to CSA ANSI Z21.80a standards. Lock up in any given installation can vary based on piping, snap acting gas valve on high efficiency equipment, firing rate at the time of equipment shut off, debris in the line, temperature, as well as many other variables. You may see variations in lock up in some installations due to the above; Pietro Fiorentini will not guarantee the lock up will meet your equipment requirement due to these variations in installations and piping.
- D. The Low Capacity GOVERNORS 1/2" - 1" are intended for use on equipment such as unit heaters or simple on/off furnace applications.
- E. Use the High Capacity GOVERNORS on all "High Efficiency" quick acting gas valve applications, such as generators, pool heaters, or high turn down boilers. Install a regulator on each individual piece of equipment. Size the regulator at minimum 50% to 100% over of listed capacity to minimize high lock-up.
- F. Try to match the GOVERNOR regulator to the pipe size of the equipment and minimize pressure drop between the regulator and equipment to 1" W.C.. Minimize the amount of elbows and fittings between the regulator and the equipment and use full port ball valves not plug valves or reduced port valves.
- G. Be careful on applications where you increase the outlet piping more than 1 diameter. You may need to install an external control line in the larger piping. The GOVERNOR can be ordered with or retrofitted with an external control line.
- H. Make sure on all installations you don't install the regulator directly at the equipment. Install the regulator 3 to 10 feet away depending on the application.
- I. Never install the external brass vent limiter outdoors. For outdoors installation install appropriate vent protection.
- J. ALL GOVERNORS include an inlet filter. The filter and/or regulator may be cleaned by removing the bottom plate Torx security screws, bottom plate assembly, then remove the filter. The filter can then be cleaned with detergent or Buna compatible solvent and dried. The valve and orifice can be cleaned with a cloth while the bottom plate is off. Then reassemble the unit.
- K. If there are ever any questions on the installation or application of the Governor regulator, immediately contact your local authorized distributor or representative.
- L. The maximum inlet pressure on the regulator label is the required maximum pressure of the CSA ANSI Z21.80 rating. It is not always the maximum allowable operating inlet pressure of the regulator. The rating is a CSA requirement.

FIP Construction, Inc.

Project Name: Goodwin Industry 5.0 High School
Date: September 4, 2025
PCO #: 022 - CE #031 - RFI 23 Response Ove



Description:

CE #031 - RFI 23 Response Overexcavation

Gerber Construction

Per RFI 23 response over excavation and borrowed fill at non VPC locations. Work completed on a T&M basis as directed by DC.

#	Description	Cost Code	Amount
1	over excavation and borrowed fill at non VPC locations (Sitework Bid Package Cost) Package	31-011	\$ 26,885.00
2	over excavation and borrowed fill at non VPC locations (Allowance reduction)	87-103	(\$26,885.00)
Subtotal:			\$0.00
Grand Total:			\$0.00

Attachments:

[RFI 23.pdf](#), [PCO 06 Overexcavation.pdf](#).

Schedule:

This change alone does not impact the overall Project Schedule and/or increase the indirect costs required to complete the project. However, when combined with future changes, the Project Schedule may be impacted and/or additional costs may result from the accumulation of such changes. We reserve the right to request corresponding adjustments to the Project Schedule and/or Contract Amount at a later date.

Please sign and return one fully executed original of this letter indicating your approval of this Cost Proposal to the above-referenced contract no later than .

Respectfully submitted,

Philip C. Rees
Senior Project Manager

Enclosures

cc:

Accepted by:

TKSP

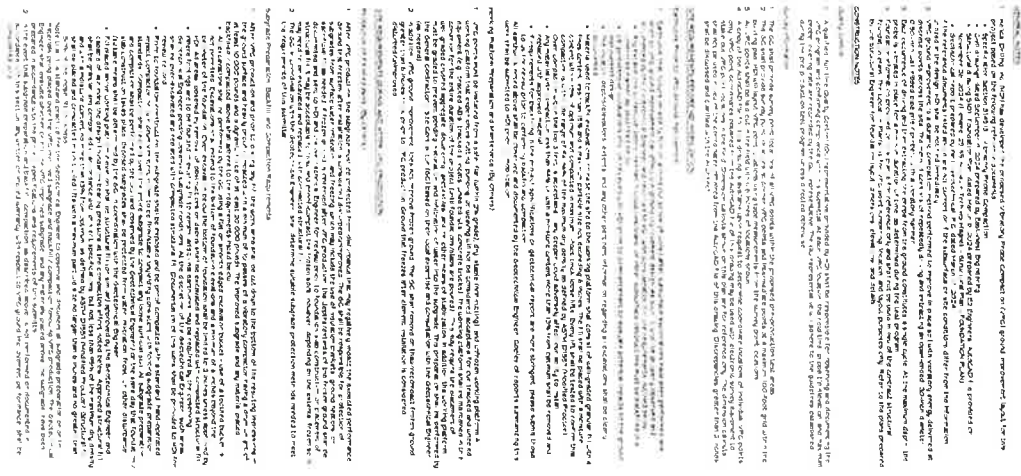
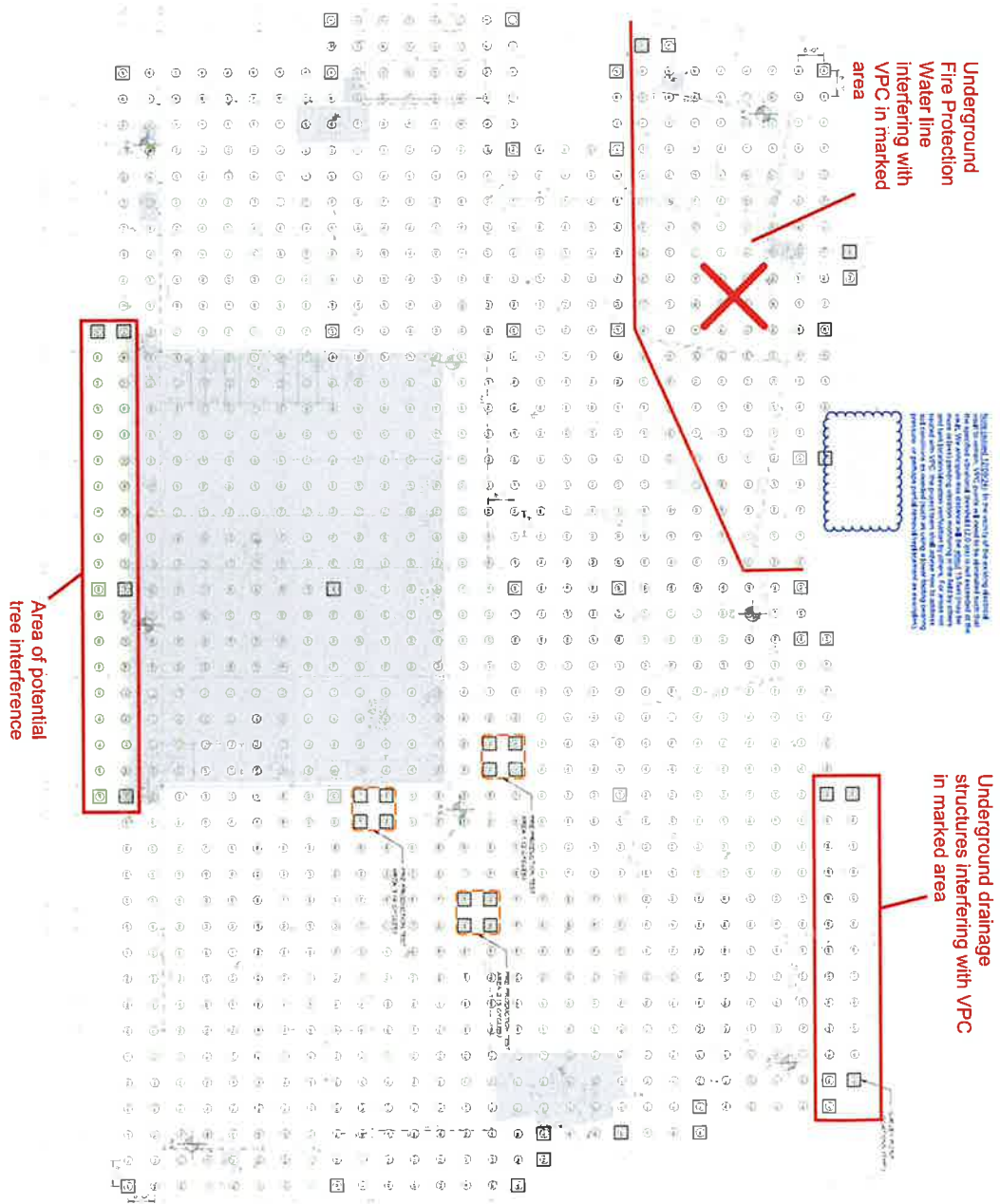
Date: 09/23/25

Downes

Date 09/23/25

Goodwin University

Date 10/1/25





**TSKP
STUDIO**
One Hartford Square West
144 Wynn Square, Suite 100
Hartford, CT 06108
860.467.7970

GOODWIN INDUSTRY 5.0 HIGH
SCHOOL
4 PENT ROAD EAST HARTFORD, CT

PHASE 1 OF 4





FIP Construction, Inc.
1536 New Britain Avenue
Farmington, Connecticut 06032
P: (860) 470-1800
F: (860) 470-1801

Project: 23-016 Goodwin Industry 5.0 High School
3 Pent Road
East Hartford, Connecticut 06118

RFI #23: VPC Utility Conflicts

Revision	0	Status	Closed on 05/01/25
To	Judy Schuler (East-West Engineering, PLLC) (Response Required) Mehmet Sahin (TSKP Studio) (Response Required)	From	Jordan Foster (FIP Construction, Inc.) 1536 New Britain Avenue Farmington, Connecticut 06032
Date Initiated	Apr 23, 2025	Due Date	Apr 28, 2025
Location		Project Stage	
Cost Impact		Schedule Impact	
Spec Section		Cost Code	
Drawing Number		Reference	
Linked Drawings	C.4		
Received From	Cory Brulotte (Mather Corporation, The)		
Copies To	Peter Autunno (FIP Construction, Inc.), Jordan Foster (FIP Construction, Inc.), Philip C. Rees (FIP Construction, Inc.), Thomas Romagnoli (Downes Construction Company), Kamil Wieczorek (FIP Construction, Inc.)		

Activity

Question	<p>Question from Jordan Foster FIP Construction, Inc. on Wednesday, Apr 23, 2025 at 09:13 AM EDT</p> <p>Please address these issues as quickly as possible to avoid potential significant re-mobilization costs and delays.</p> <p>Please see the attached drawings. The following issues are present and will result in helical not being able to complete all of their work.</p> <ol style="list-style-type: none">1. Fire Protection Water line interference as previously discussed. Note the limit drawn on plans is approximate.2. Upon layout of the Northeast VPC locations, a structure and drain line drawn called out to remain is in the approved ground improvement area. If ground improvements are to be installed, the line and drain will need to be removed. If the drain and line are to stay, written direction will be needed to excuse those locations.3. There are a minimum of 2 trees that are in conflict with the VPC work along the west side of the project. They overhang into the project. Upon confirmation, these will need to be cut back to complete ground improvements in those areas. These are the trees previously discussed. <ol style="list-style-type: none">1. Attached photos display trees marked as potentially interfering with VPC equipment operation in southern marked area of VPC-1.1 <p>Attachments RFI #23 pdf info.pdf</p>
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RFI #23 - VPC Utility Conflicts

Project: 23-016 Goodwin Industry 5.0 High School

Official Response

Response from Mehmet Sahin TSKP Studio on Thursday, May 1, 2025 at 03:52 PM EDT

1. Per the Geotech Engineer;

- In areas where the VPC can't be done at this time, an alternative would be to place 3 feet of controlled/structural fill beneath footing. Where the bottom of footing elevation is at or in close proximity to the water table, the compaction could be accomplished using concrete pencil vibrators to a depth of about 3 feet below the bottom of footings and compacting the subgrade after that has been completed. The controlled fills and pencil vibratory treatment should extend to about 3 feet outside of the foundations.

2. Refer to response from our civil engineer and attached sketches for your reference.

3. Refer to attach for email correspondence between the university and adjacent property management regarding pruning the trees.

Attachments

[RFI #23 - Tree Pruning Email.pdf](#), [C.4 RFI #23.pdf](#), [C.2 RFI #23.pdf](#)

WELTI GEOTECHNICAL, P.C.

227 Williams Street · P.O. Box 397
Glastonbury, CT 06033-0397

(860) 633-4623 / FAX (860) 657-2514

May 22, 2025

Memorandum to: Mehmet Sahin, AIA, Project Manager, TSKP

From: Max Welti

Re: Goodwin Industry 5.0 High School, Pent Road, East Hartford, CT – Foundation Subgrade Preparation in Area without VPC Ground Improvement

The proposed building area without VPC ground improvement is shown on the attached plan. The bottom of foundation elevations in this area will range from Elev.32.83 to Elev.25.34. The existing grade is at about Elev.34 and the water table at the completion of the recent test borings was at about Elev.27. The lowest footing levels are in the area adjacent to the electrical duct bank, which is estimated to have a bottom at about 10 feet below grade.

To provide a more uniform soil subgrade and compatibility with the VPC improved areas, it is recommended that there be at least 3 feet of controlled/structural fill beneath footings (note: the 12" of stone required beneath interior footings would be included in the 3 feet). In areas where the bottom of footing is above about Elev.30, the fills will be above the water tables at the recent borings. In areas where the footings will be at or below the water table (i.e., area along north wall where bottom of footing is below Elev.28±) the ground improvement could be with the use of concrete pencil vibrator. The vibratory penetration should be at 18" on center beneath the footings and to at least 3 feet outside the footings. The ground improvement, with could be either with the controlled fill or the pencil vibrators or a combination of the two, should be to depth of 3 feet below the footings.

The footing which are below the water table will require dewatering to at least 12" below the bottom of footings prior to excavating for footings. The excavations to final footing subgrades should be made with smooth edged bucket to minimize disturbance to the soils.

 FIP CONSTRUCTION, INC. SUBCONTRACTOR CHANGE REQUEST FARMINGTON, CT 06032 860-470-1800 T 860-470-1801 F www.fipconstruction.com				1536 NEW BRITAIN AVENUE	
Project: Goodwin Industry 5.0 High School		Date: 9/2/2025			
FIP Job No: 23-016		Proposal Request No: 6			
Subcontractor:		Division Of Work:			
SCOPE OF WORK: Foundation Subgrade Preparation in Area without VPC Ground Improvement				FIP INTERNAL CE # CO # CC #	
Materials & Equipment					
Item	Units	Unit Cos	Extended		
Trench Earth excavation	388.07	ok \$20.00	\$7761.40		
Structural Fill	272.00	ok \$50.00	\$13600.00		
3/8 stone under 10" water main	48.00	ok \$50.00	\$2400.00		
Concrete Pencil Vibration rental (labor below)	1.00	\$213.00	0 \$213.00		
	0.00	\$0.00	\$0.00		
	0.00	\$0.00	\$0.00		
	0.00	\$0.00	\$0.00		
Sub Total Material and Equipment			\$23974.40		
10% OH&P On Materials			\$2397.44		
Total Material and Equipment Cost:			\$26371.84		
Labor (all inclusive value)					
Trade	Units	Unit Cost	Extended		
6 hrs labor	6.00	\$85.59	\$513.54		
	0.00	\$0.00	\$0.00		
	0.00	\$0.00	\$0.00		
Total Labor Cost:			\$513.54		
Subcontractors - All Tiers					
Sub Tier Subcontractor Name					Sub Trade A
					\$0.00
					\$0.00
					\$0.00
Sub Total Sub Tier Subcontractors					\$0.00
5% O&P On Sub Tier Subcontractors					\$0.00
Total Sub Tier Subcontractor Cost:					\$0.00
Permits w/FM Fee (If Applicable)					
Permit Cost (Town of East Hartford Rate = \$20.00 / \$1,000.00)					\$0.00
Permit Cost (Town of East Hartford Rate = \$30.00 for first \$1,000.00)					
Total Permit Cost:					\$0.00
Performance and Payment Bond					
P&P Bond	Sub Bond Rate =	0.00%			\$0.00
Total P&P Bond Cost:					\$0.00
Total Requested					\$26885.38

Unit prices
match
contract

P. Rees

\$26,159

\$26,673

Adrian Sparks

WATER TREAT & DISTRIBUTION at BIRDS
WING BOND OF FERNBROOK & SEVER
WATER TREAT RESIDUAL IN BIRDS

[illegible]

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PowerFormId=11955ba3-e239-4aaa-a5c4-

c32609e06681&env=na4&acct=b62eab0a-d4bf-4a41-81c0-9343a2e26aa8&v=2)



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1

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

19021

Time

Date

8-19-20 25

Truck Number

Pit Location

Name

Address

Job Site Location

6000 wa

T11C23

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Ser. Topsoil ☐

Other (please specify):

Qty: 16 Gross Wt. Tare Wt. Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

WHITE - CUSTOMER COPY YELLOW - TRUCKER'S COPY PINK - OFFICE COPY

2

Hubert E. Butler

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480
Phone: 860-342-3880 • Fax: 860-342-2142

18531

Time 12:38Date 8/11 2026Pit Location Portland AgTruck Number Gerber

Name _____

Address _____

Job Site Location

Goodwin High School Hartford

Backhoe Service _____

Bulldozer Service _____

Dump Truck Service _____

Snow Plowing _____

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Ser. Topsoil ☐

Other (please specify): _____

Qty: 10 yds Gross Wt. _____ Tare Wt. _____ Net Wt. _____Received By: [Signature]

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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3

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18533

Time 1:34Date 8/11 2025

Truck Number

Gexter

Pit Location

Portland Ag

Name _____

Address _____

Job Site Location

Goodwing HS Hartford

Backhoe Service _____

Bulldozer Service _____

Dump Truck Service _____

Snow Plowing _____

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Ser. Topsoil ☐

Other (please specify): _____

Qty: 16 yds Gross Wt. _____ Tare Wt. _____ Net Wt. _____

Received By: _____

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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4

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18535

Truck Number

Gerber

Time

2:14

Date

8/11

2025

Pit Location

Portland Ag

Name

Address

Job Site Location

Goodwin HS Hartford

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☒	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Scr. Topsoil ☐

Other (please specify):

Qty:

16 yds

Gross Wt.

Tare Wt.

Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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5

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

19019

Truck Number GerberTime 7:15 AMDate 7/29 2025Pit Location Portland Ag

Name _____

Address _____

Job Site Location

Goodwin College

Backhoe Service _____

Bulldozer Service _____

Dump Truck Service _____

Snow Plowing _____

Gravel	Stone	Sand & Fill
Bank-Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	1/2" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Scr. Topsoil ☐

Other (please specify): _____

Qty: 16 yds

Gross Wt. _____

Tare Wt. _____

Net Wt. _____

Received By: _____

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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6

Butler

Hubert E.
CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18401

Time

Date

Pit Location

Truck Number

Name

Address

Job Site Location

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Scr. Topsoil ☐

Other (please specify):

Qty: 160 yds

Gross Wt.

Tare Wt.

Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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7

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

19020

Time

Date

Pit Location

Truck Number

Name

Address

Job Site Location

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	3/8" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Scr. Topsoil ☐

Other (please specify):

Qty: 160 yds Gross Wt. _____ Tare Wt. _____ Net Wt. _____

Received By: _____

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18402

Truck Number

Name

Address

Time

Date

Pit Location

7/29 2025
Portland Ag

Job Site Location

Woodwin College

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	1/2" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Scr. Topsoil ☐

Other (please specify):

Qty: 16 yds Gross Wt. Tare Wt. Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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984 Portland Cobalt Road
Portland, CT 06480
Tel: (860) 342-3880
Fax: (860) 342-2142

9



Customer: CASH25 / CASH CUSTOMER
CASH CUSTOMERS

Ticket: 471084
Date: 07/29/2025
Time: 07:42:08
Order: CASH
PO:

, CT
Driver: N/A

Hauler: CUSTOMER'S TRUCK

Material
103.5 / 3 1/2" GRAVEL

Quantity
21.67 ton

Gross: 71,280 lb
Tare: 27,940 lb
Net: 43,340 lb

Truck: CASH4
Estimated 32,400 kg
12,700 kg
19,700 kg
Rate Amount

1 load @
16yds

Directions

SubTotal:
Taxes:
Total:

Signature
DISCLAIMER: If vehicles of the Butler Co. are required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume any and all damages resulting therefrom, including towing charges. Material sold as is, without representation, expressed or implied, as to fitness for any particular purpose.

984 Portland Cobalt Road
Portland, CT 06480
Tel: (860) 342-3880
Fax: (860) 342-2142

10



Ticket: 472462
Date: 08/13/2025
Time: 13:44:58

Customer: CASH25 / CASH CUSTOMER

EHART05592

GOODWIN HIGH SCHOOL
EAST HARTFORD

, CT

Driver: N/A

Hauler: CUSTOMER'S TRUCK

Gross: 67,200 lb
Tare: 26,520 lb
Net: 40,680 lb

Estimated
30,545 kg
12,055 kg
18,491 kg

Truck: CASH22

Order: GERB-EHART
PO:

Material

103.5Y / 3 1/2" GRAVEL (Y)

Quantity

Ordered: 0 loads

0.00 yard

16.00 yard

Delivered:

1 loads

16.00 yard

Rate

Amount

Directions

SubTotal:

Taxes:

Total:

Signature

DISCLAIMER: If vehicles of the Butler Co. are required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume any and all damages resulting therefrom, including towing charges. Material sold as is, without representation, expressed or implied, as to fitness for any particular purpose.

11

Butler ^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18651

Truck Number

Gerber

Time

7:47

Date

8/28

20

25

Pit Location

Portland Ag

Name

Address

Job Site Location

Goodwin HS Hartford

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel	Stone	Sand & Fill
Bank Run ☐	2-5" ☐	Bank Run Sand ☐
3 1/2" ☒	1 1/4" ☐	Screened Utility Sand ☐
1 1/2" ☐	3/4" ☐	Septic Sand ☐
3/4" ☐	1/2" ☐	Screened C-33 Sand ☐
Septic Gravel ☐	Shot Rock ☐	Borrow ☐
	Rip Rap ☐	Ser. Topsoil ☐

Other (please specify):

Qty:

16gals

Gross Wt.

Tare Wt.

Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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12

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18537

Time _____

Date 8-10 2020

Truck Number _____

Pit Location _____

Name _____

Address _____

Job Site Location

Cooper Hill

Backhoe Service _____

Bulldozer Service _____

Dump Truck Service _____

Snow Plowing _____

Gravel		Stone		Sand & Fill	
Bank Run	☐	2-5"	☐	Bank Run Sand	☐
3 1/2"	☒	1 1/4"	☐	Screened Utility Sand	☐
1 1/2"	☐	3/4"	☐	Septic Sand	☐
3/4"	☐	3/8"	☐	Screened C-33 Sand	☐
Septic Gravel	☐	Shot Rock	☐	Borrow	☐
		Rip Rap	☐	Scr. Topsoil	☐

Other (please specify): _____

Qty: 16 Gross Wt. _____ Tare Wt. _____ Net Wt. _____

Received By: _____

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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13

Butler^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18536

Time _____

Date 8-18 2037

Truck Number _____

Pit Location _____

Name _____

Address _____

Job Site Location

GOOD WIL MS

Backhoe Service _____

Bulldozer Service _____

Dump Truck Service _____

Snow Plowing _____

Gravel		Stone		Sand & Fill	
Bank Run	☐	2-5"	☐	Bank Run Sand	☐
3 1/2"	☒	1 1/4"	☐	Screened Utility Sand	☐
1 1/2"	☐	3/4"	☐	Septic Sand	☐
3/4"	☐	1/2"	☐	Screened C-33 Sand	☐
Septic Gravel	☐	Shot Rock	☐	Borrow	☐
		Rip Rap	☐	Scr. Topsoil	☐

Other (please specify): _____

Qty: 16 Gross Wt. _____ Tare Wt. _____ Net Wt. _____

Received By: _____

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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984 Portland Cobalt Road
Portland, CT 06480
Tel: (860) 342-3880
Fax: (860) 342-2142



Ticket: 4/24/0
Date: 08/13/2025
Time: 14:22:33

Customer: CASH25 / CASH CUSTOMER
EHART05592
GOODWIN HIGH SCHOOL
EAST HARTFORD
, CT

Order: GERB-EHART
PO:

Driver: N/A
Hauler: CUSTOMER'S TRUCK

Gross: 75,280 lb
Tare: 29,160 lb
Net: 46,120 lb

Truck: CASH23
Estimated
34,218 kg
13,255 kg
20,964 kg

Material	Quantity	Rate	Amount
103.5Y / 3 1/2" GRAVEL (Y)	16.00 yard		
Ordered: 0 loads	0.00 yard	Delivered: 2 loads	32.00 yard

Directions

SubTotal:
Taxes:
Total:

Signature _____
DISCLAIMER: If vehicles of the Butler Co. are required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume any and all damages resulting therefrom, including towing charges. Material sold as is, without representation, expressed or implied, as to fitness for any particular purpose.

16

Butler ^{Hubert E.}

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18653

Truck Number

23

Time

Date

8-19

20

20

Pit Location

Name

Address

Job Site Location

Goodwin

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel		Stone		Sand & Fill	
Bank Run	☐	2-5"	☐	Bank Run Sand	☐
3 1/2"	☒	1 1/4"	☐	Screened Utility Sand	☐
1 1/2"	☐	3/4"	☐	Septic Sand	☐
3/4"	☐	3/8"	☐	Screened C-33 Sand	☐
Septic Gravel	☐	Shot Rock	☐	Borrow	☐
		Rip Rap	☐	Ser. Topsoil	☐

Other (please specify):

Qty:

16

Gross Wt.

Tare Wt.

Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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17

Butler

Hubert E.

CONSTRUCTION COMPANY

984 Portland Cobalt Road • Portland, Connecticut 06480

Phone: 860-342-3880 • Fax: 860-342-2142

18652

Time

Date

8-19

20

25

Pit Location

A1

Truck Number

23

Name

Address

Job Site Location

Coop w/w.

T.K. 23

Backhoe Service

Bulldozer Service

Dump Truck Service

Snow Plowing

Gravel		Stone		Sand & Fill	
Bank Run	☐	2-5"	☐	Bank Run Sand	☐
3 1/2"	☒	1 1/4"	☐	Screened Utility Sand	☐
1 1/2"	☐	3/4"	☐	Septic Sand	☐
3/4"	☐	3/8"	☐	Screened C-33 Sand	☐
Septic Gravel	☐	Shot Rock	☐	Borrow	☐
		Rip Rap	☐	Ser. Topsoil	☐

Other (please specify):

Qty:

16

Gross Wt.

Tare Wt.

Net Wt.

Received By:

If vehicle of Butler Co. is required to cross sidewalks or enter private property to deliver materials ordered by me, I agree to assume responsibility for any and all damages resulting therefrom. A 1 1/2% service charge will be added monthly (18% per annum) to all accounts after 30 days.

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700 yd

Gerber Construction Inc.

1 Nutmeg Drive Ellington, Ct 06029
(860) 875-6684
AA/BEO

Date: 7-29-25

Project No.:

Work performed By: Gerber

Project Name: Goodwin

Work performed for: Fip

☒ Extra Work

☐ Time & Material

Description of Work performed: Excavate @ D.3 - 13 35' L 11' W 3' D = 42.7 yds

Labor/Equipment	Quantity	Hours		Total Hours
		ST	PT	
360-L	1	4	.50	
Foreman	1	4	.50	
Labour	1	4	.50	
plate compactor	1	1		
				13.5

Quantity	Unit	Material	Total Quantity

SIGNATURE: C. J. J.

COMPANY: Gerber

SIGNATURE: [Signature]

COMPANY:

This form is for the verification of time/equipment and material expended for the work requested.

Gerber Construction Inc.

1 Nutmeg Drive Ellington, Ct 06029
(860) 875-6684
AA/EEO

216 yds

Date: 7-30-25

Project No.:

Work performed By: Gerber

Project Name: Gardwin High

Work performed for: FIP

☒ Extra Work

☐ Time & Material

Description of Work performed: Excavate footings & piers @ C-3 Stair Case
- 3' place gravel in 1 foot lifts 55.3 yds

Labor/Equipment	Quantity	Hours		Total Hours
		ST	PT	
360 LCI	1	6		
Go Back Hoe	1	2		
Labor	1	8		
foreman	1	8		
Compactor		7		
				24

Quantity	Unit	Material	Total Quantity

SIGNATURE: [Signature]

COMPANY: Gerber

SIGNATURE: [Signature]

COMPANY: FIP 08/06/25

This form is for the verification of time/equipment and material expended for the work requested.

per yd

Gerber Construction Inc.

1 Nutmeg Drive Ellington, Ct 06029
(860) 875-6684
AA/BEO

Date: 8-11-25
Work performed By: Gerber
Work performed for: FIP

Project No.: 230502
Project Name: Goshen High

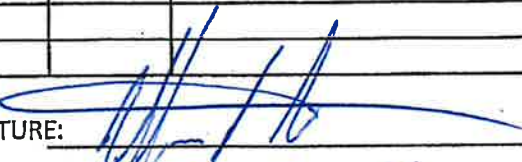
☒ Extra Work

☐ Time & Material

Description of Work performed: 33.5 yds gravel @ 3.3 - B-1 to 1st
Footings Strip - 6' = 9' Gravel

Labor/Equipment	Quantity	Hours		Total Hours
		ST	PT	
360, Back Hoe	1			

Quantity	Unit	Material	Total Quantity
33.5	yds	Gravel	33.5

SIGNATURE: 
SIGNATURE: Kamel LS

COMPANY: Gerber
COMPANY: 08/12/25

This form is for the verification of time/equipment and material expended for the work requested.



Ticket No. 296

1 Nutmeg Drive Ellington, Ct 06029
(860) 875-6684

AA/EEO

Date: 8 / 13 / 25

Project No.: 230502

Work performed By: Gerber Construction

Project Name: 230502 GWDW, H

Work performed for: 5.2



Extra Work



Time & Material

Description of Work performed: over Excavate 24' L x 10' W x 3.00 Deep

26.66 yds

Bulletin # R.F.I 23

Labor/Equipment	Units	Hours		Total Hours
		S.T.	Overtime	
Foreman <i>Jeff Tye</i>	HR			
Foreman	HR			
Operator #1 <i>366 I</i>	HR			
Operator#2	HR			
Operator#3	HR			
Labor #1	HR			
Labor #2	HR			
Labor #3	HR			
Labor #4	HR			
Labor #5	HR			
	HR			
	HR			
	HR			
	HR			
	HR			
Material	Units	Total Quantity		
<i>Gravel</i>	<i>266</i>	<i>yds</i>		
<i>Sand vibrator</i>	<i>1</i>			

SIGNATURE:

COMPANY : Gerber Construction Inc.

SIGNATURE:

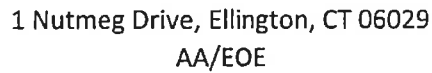
COMPANY :

This form is for the verification of time/equipment and material expended for the work requested.

28/11/25

This form is for the verification of time/equipment and material expended for the work requested.

This form is for the verification of time/equipment and material expended for the work requested.



Bulletin # 23

SIGNATURE:
SIGNATURE:

08/19/25

This form is for the verification of time/equipment and material expended for the work requested.

AA/EOE

230502

Huckleberry Elementary

Goodwin High

☐ Time & Material

Pencil vibrates @ A.1 12-9

8-14, 8-15 8-18

Soil Improvements 18" Center + 3' outside footing

[illegible]

COMPANY: Gerber Construction Inc.

COMPANY: ~~XXXX~~ 08/20/25

This form is for the verification of time/equipment and material expended for the work requested.

GOODWIN INDUSTRY 5.0 HIGH SCHOOL

1.5 SCHEDULE OF UNIT PRICES

ITEM NO.	DESCRIPTION	ADD COST	DEDUCT COST
1	Mass Earth Excavation: Mass earth excavation including the completion of the excavation, formation and compaction of the subgrade, and the disposal of surplus or unsuitable material according to Division 31 Section "Earthwork."	\$ 10.00 c.y.	\$ 4.00 c.y.
2	Trench Earth Excavation: Trench earth excavation including the completion of the excavation, formation and compaction of the subgrade, and the disposal of surplus or unsuitable material according to Division 31 Section "Trench Excavation and Backfill for Utilities."	\$ 20.00 c.y.	\$ 4.00 c.y.
3	Polluted Soil Disposed Offsite: Polluted soils excavated and disposed offsite according to Division 31 Earthwork	\$ 81.00 c.y.	\$ 0.00 c.y.
4	Non-hazardous regulated Soil Disposed Offsite: According to Division 31 Earthwork	\$ 300.00 c.y.	\$ 0.00 c.y.
5	Bituminous Concrete Pavement Light-Duty Per Detail: Light-duty bituminous concrete pavement including base and subbase, per Detail, according to Division 32 Section "Asphalt Paving."	\$ 54.00 s.y.	\$ 40.00 s.y.
6	Concrete Walk Pavement Per Detail: Concrete walk pavement including base and subbase, per Detail, according to Division 32 Section Concrete Paving."	\$ 180.00 s.y.	\$ 140.00 s.y.
7	Bituminous Concrete Curbs Per Detail: Bituminous concrete curbs according to Division 32 Section "Asphaltic Paving."	\$ 20.00 l.f.	\$ 0.00 l.f.
8	Structural Fill: Structural fill including compaction according to Division 31 Section "Earthwork."	\$ 50.00 c.y.	\$ 25.00 c.y.

GOODWIN INDUSTRY 5.0 HIGH SCHOOL

9	General Fill: General fill including compaction according to Division 31 Section "Earthwork."	\$ 40.00 c.y.	\$ 20.00 c.y.
10	Granular Base Fill: Granular base fill including compaction according to Division 31 Section "Earthwork."	\$ 50.00 c.y.	\$ 25.00 c.y.
11	Fine Grading and Seeding: Fine grading and seeding for general lawns according to Division 32 Section "Lawns and Grasses."	\$ 1.00 s.f.	\$ 0.00 s.f.
12	Fine Grading and Sod: Fine grading and sod according to Division 32 Section "Lawns and Grasses."	\$ 5.00 s.f.	\$ 0.00 s.f.
13	Sedimentation Control Fence: Sedimentation control fence according to Division 31 Section "Erosion and Sedimentation Controls."	\$ 5.00 l.f.	\$ 3.50 l.f.
14	Sedimentation Control Bale: Sedimentation control bale according to Division 31 Section "Erosion and Sedimentation Controls."	\$ 18.00 ea.	\$ 9.00 ea.

FIP Construction, Inc.
 Project Name: Goodwin Industry 5.0 High School
 Date: August 11, 2025
 PCO #: 011 - CE #014 - PR 07 Additional Ga

**Description:**

CE #014 - PR 07 Additional Gas Turrets in L4 Labs
P&D Mechanical

Labor and materials for additional gas piping and turrets at (14) locations in rooms 413 and 415 per TSKP PR 07.

#	Description	Cost Code	Amount
1	Additional gas turrets & Piping per PR-07	22-010	\$ 20,180.00
Subtotal:			\$20,180.00
Liability			\$ 166.00
2% O/P			\$ 404.00
Grand Total:			\$20,750.00

Attachments:

[PD COP-001 PR-07 Add Gas Piping and Turrets.pdf](#), [PR-07 Additional Gas Turrets in Science Labs.pdf](#)

Schedule:

This change alone does not impact the overall Project Schedule and/or increase the indirect costs required to complete the project. However, when combined with future changes, the Project Schedule may be impacted and/or additional costs may result from the accumulation of such changes. We reserve the right to request corresponding adjustments to the Project Schedule and/or Contract Amount at a later date.

Please sign and return one fully executed original of this letter indicating your approval of this Cost Proposal to the above-referenced contract no later than .

Respectfully submitted,

Philip C. Rees
 Senior Project Manager

Enclosures

cc:

Accepted by:

TSKP

Downes

Goodwin University

Date: 09/23/25

Date 09/23/25

Date 10/1/25



Proposal Request

PROJECT: (name, address)	Goodwin Industry 5.0 High School 6 Pent Road East Hartford, CT	PR NO: 07
OWNER:	Goodwin University Magnet School	DATE: May 30 2025
TO: (contractor)	FIP Construction LLC 1536 New Britain Ave. Farmington, CT, 06032	ARCHITECT'S PROJECT NO: 230502 STATE PROJECT NO.: 542-0007 MAG/N
		CONTRACTED FOR: Construction Manager at Risk
		PROJECT PHASE: Phase 1 – Site Enabling

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NEITHER A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description: (Written description of the work)

Please provide a proposal for adding gas piping and turrets to the locations shown on attached sketches.

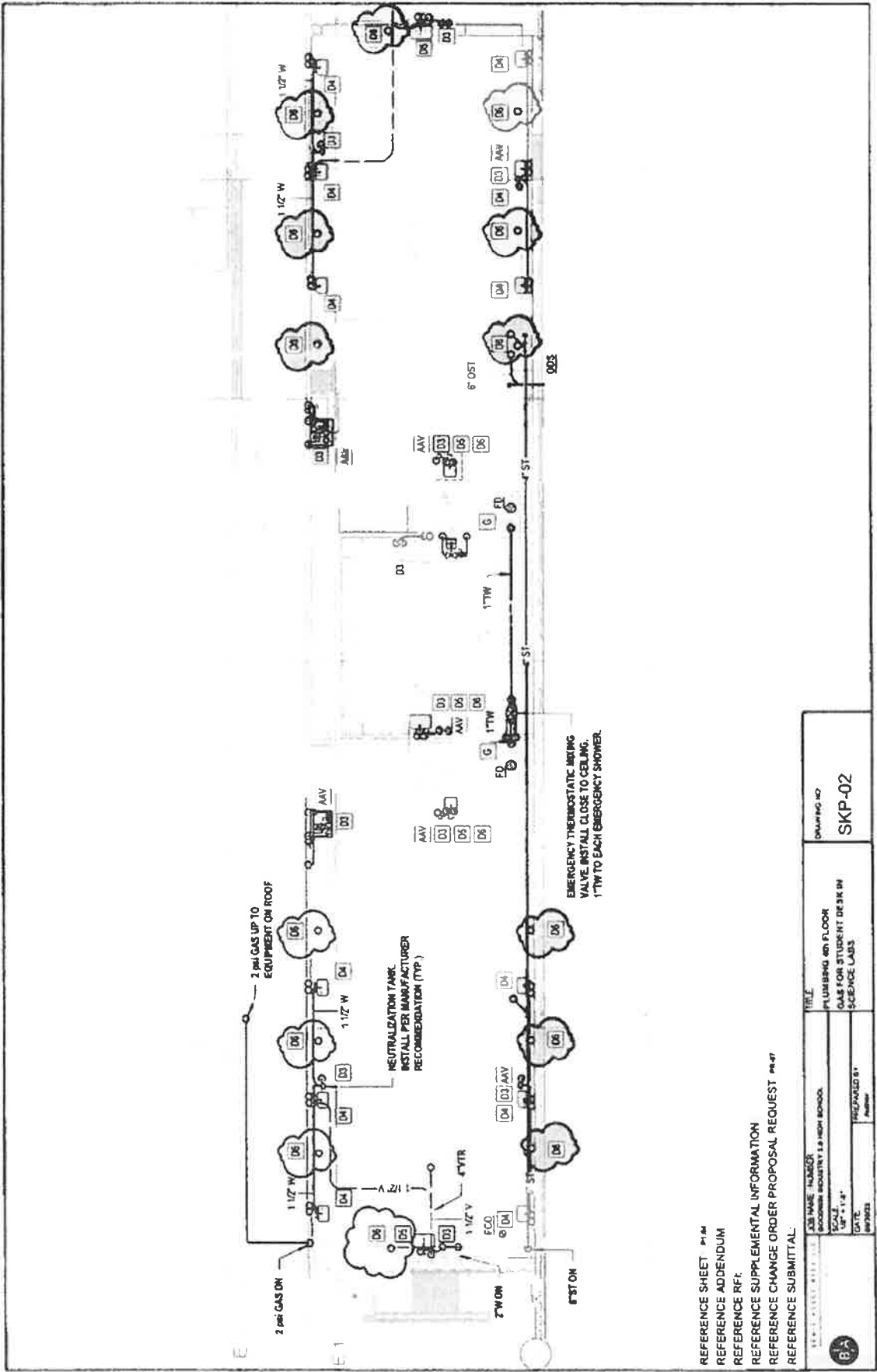
Attachments: SKP-01 and SKP-02

ARCHITECT: TSKP STUDIO

BY:

Mehmet Sahin, AIA

	JOB NAME: INANBA GOSWAMI INDUSTRY LA HIGH SCHOOL		TITLE PLUMBING 3RD FLOOR	DRAWING NO SKP-01
	SCALE 1/8" = 1'-0"	DATE		



REFERENCE SHEET 01.04
REFERENCE ADDENDUM
REFERENCE REF:
REFERENCE SUPPLEMENTAL INFORMATION
REFERENCE CHANGE ORDER PROPOSAL REQUEST 04.47
REFERENCE SUBMITTAL:

PROJECT NAME: NUMBER		TITLE		DRAWING NO.	
PROJECT NUMBER: 1.0 HIGH SCHOOL		PLUMBING 4th FLOOR		SKP-02	
SCALE: 1/4" = 1'-0"		GAS FOR STUDENT DESK IN			
DATE: 01/10/2023		PREPARED BY:			
		APPROVED BY:			



P&D MECHANICAL, INC.

HVAC / Plumbing Contractor

CT PLM 0204662-PI CT HTG 0385878-S1

RI #MP01940

RI #MF0006481

627 Old Hartford Road, Colchester, CT 06415
Phone: (860) 537-0617 Fax: (860) 537-0839
Email: Info@PDMechanical-Inc.com
Affirmative Action / Equal Opportunity Employer

August 1, 2025

Philip Rees
FIP Construction, Inc.
1536 New Britain Ave.
Farmington, CT 06032

RE: Goodwin Magnet Technical High School
One Riverside Drive, East Hartford, CT 06118
State Project No. 542-0007 MAG/N

SUBJECT: **P&D Mechanical Change Order Proposal No. 001**
PR-07 Added Gas Piping and Turrets

Dear Mr. Rees,

Regarding the above-captioned project and subject matter, P&D Mechanical Inc. submits its breakdown costs in the amount of **Twenty-One Thousand Twenty-Two Dollars and 23/100 (\$21,022.23)** for the above-mentioned work. \$20,180

This proposal will be reviewed as quickly as possible by all parties and will remain firm for seven (7) days. All items and conditions of our original contract apply except as specifically modified by this proposal. P&D Mechanical reserves the right to modify this proposal should direction on how to proceed not be received in writing, in this office, within ten (10) days from the date of this proposal. No materials will be ordered or work started until an executed change order is received in our office. This work adds ~~Twenty (20)~~ 10 days to the project schedule after a receipt of an executed change order.

Exclusions are as follows; all electrical work, concrete work, cutting and patching of existing/new structure, no holidays, or Sundays. Any additional PPE equipment, i.e., exhaust fans, negative air machines, etc. above and beyond our approved AHA. No excavation. Shutdowns will be by others. Should you have any questions or comments, please contact our office at 860-537-0617.

Note: Drilling of lab tables to mount turrets is by others.

Respectfully,


Dave Warzecha
Project Manager
P&D Mechanical, Inc.

		FIP CONSTRUCTION, INC. SUBCONTRACTOR CHANGE REQUEST		1536 NEW BRITAIN AVENUE FARMINGTON, CT 06032 860-470-1800 T 860-470-1801 F www.fipconstruction.com	
Project: Goodwin Magnet Technical High School		Date: August 1, 2025			
FIP Job No: 23-016		Proposal Request No: P&D-001 / PR-07			
Subcontractor: P&D Mechanical, Inc.		Division Of Work: Plumbing			
SCOPE OF WORK: Added gas piping/turrets.				FIP INTERNAL USE CE # _____ CO # _____ CC # _____	
Item		Units	Unit Cost	Extended	
Gas piping material per attached.		0.00	\$0.00	\$6,194.21	
		0.00	\$0.00	\$0.00	
		0.00	\$0.00	\$0.00	
Sub Total Material and Equipment				\$6,194.21	
10% OH&P On Materials				\$619.42	
Total Material and Equipment Cost:				\$6,813.63	
Trade		Units	Unit Cost	Extended	
Plumbing Foreman - Straight Time		22.00	\$136.69	\$3,007.18	
Plumbing Mechanic - Straight Time		85.00	\$121.87	\$10,358.95	
		0.00	\$0.00	\$0.00	
Total Labor Cost:				\$13,366.13	
Sub Tier Subcontractor Name				Sub Trade Amt	
				\$0.00	
				\$0.00	
				\$0.00	
Sub Total Sub Tier Subcontractors				\$0.00	
5% O&P On Sub Tier Subcontractors				\$0.00	
Total Sub Tier Subcontractor Cost:				\$0.00	
Permit Cost (Town of East Hartford Rate = \$20.00 / \$1,000.00)				\$400.00	
Permit Cost (Town of East Hartford Rate = \$30.00 for first \$1,000.00)				\$30.00	
Total Permit Cost:				\$430.00	
P&P Bond		Sub Bond Rate =	1.56%	\$322.23	
Total P&P Bond Cost:				\$322.23	
Total Requested				\$21,022.23	

20,180
 134
 304

JOB 1408 GOODWIN GAS TU: GOOD...
ESTIMATE 1 GOODWIN GAS TU: GOOD...
DATA SET 5 COMM MECH 01/2011

Combined All - Estimate File Pricing
(Company Name)
(Company Address 1)
(Company Address 2)
(Company Address 3)
(Company Phone) / (Company Fax)
jimd@pdmechanical-inc.com

PRINTED 7/31/2025 9 33:09 AM
MATERIAL Primary
LABOR Primary PED #001

NOTES

Category		Size	Item Desc	Qty	UOM	Mat Unit	Mat Adj	Mat Ext	Fld Unit	Fld Adj	Fld Ext
			CAD/COORDINATION	1.00	ea	Manual	1.00	0.00	4.0000	1.0000	4.00
			1/2" BLACK NIPPLE PACK	7.00	ea	114.85	1.00	803.95	0.9500	1.0000	6.65
			3/4" BLACK NIPPLE PACK	2.00	ea	138.25	1.00	276.50	1.2000	1.0000	2.40
			1/2" ADJ GALV SPLIT RING	21.00	ea	4.24	1.00	89.04	0.5000	1.0000	10.50
			ROLL 1/2" BLUE MONSTER...	2.00	ea	6.48	1.00	12.96	Manual	1.0000	0.00
			PINT GASOLIA PIPE DOPE	1.00	ea	43.54	1.00	43.54	Manual	1.0000	0.00
			2" x 8" SCH 40 GALV SLEEVE	14.00	ea	22.90	1.00	320.60	0.8000	1.0000	11.20
			FIRE CAULK 2" X 8" SLEEV...	14.00	ea	22.50	1.00	315.00	0.5000	1.0000	7.00
150# SCH 40 BLK MAL	1/2"		A53 S40 BK T&C PIPED	105.00	'	4.35	1.00	456.96	0.0500	1.0000	5.25
150# SCH 40 BLK MAL	3/4"		A53 S40 BK T&C PIPED	140.00	'	5.34	1.00	748.30	0.0500	1.0000	7.00
150# SCH 40 BLK MAL	1/2"		90 ELBOW	15.00	ea	9.70	1.00	145.50	0.5000	1.0000	7.50
150# SCH 40 BLK MAL	3/4"		90 ELBOW	10.00	ea	11.69	1.00	116.90	0.5500	1.0000	5.50
150# SCH 40 BLK MAL	1/2"		150# UNION W/BRS. SEAT...	14.00	ea	45.31	1.00	634.34	0.7500	1.0000	10.50
150# SCH 40 BLK MAL	3/4" x 1/2" x 1/2"		REDUCED TEE - 3X	4.00	ea	29.55	1.00	118.20	0.8000	1.0000	3.20
150# SCH 40 BLK MAL	3/4"		TEE	4.00	ea	18.62	1.00	74.48	0.8000	1.0000	3.20
APOLLO BALL VALVES	1/2"		70-100-150#-SCR-BALL	14.00	ea	44.97	1.00	629.58	0.5000	1.0000	7.00
APOLLO BALL VALVES	3/4"		70-100-150#-SCR-BALL	4.00	ea	68.53	1.00	274.12	0.5500	1.0000	2.20
HOSPITAL & LAB EQ.	Single		NATURAL GAS OUTLETS	14.00	ea	184.36	1.00	2,581.04	1.1000	1.0000	15.40
HANGERS & CLAMPS E...	3/4"		#104 ADJ. SWL. SPLIT RIN...	28.00	ea	4.72	1.00	132.16	0.5000	1.0000	14.00
HANGER-R CLAMP-ETC.	3/8"		FIG 85B-CEIL'G PLATE-BLK	49.00	ea	4.56	1.00	223.44	0.3300	1.0000	16.17
HANGER-R CLAMP-ETC.	3/8"		FIG.165H-HEX NUTS	100.00	ea	0.26	1.00	25.90	Skip	1.0000	0.00
HANGER-R CLAMP-ETC.	3/8"		FIG.103-WASHER-FLAT-R...	100.00	ea	0.20	1.00	19.90	Skip	1.0000	0.00
PIPE MARKERS	A		NATURAL GAS #C173	12.00	spec	9.75	1.00	117.00	0.1000	1.0000	1.20
PIPE MARKERS & TAGS	1-1/2"		BRASS TAGS	18.00	ea	5.03	1.00	90.54	0.1000	1.0000	1.80
PIPE MARKERS & TAGS	#16		BRASS JACK CHAIN	9.00	spec	0.50	1.00	4.50	0.0500	1.0000	0.45
PIPE MARKERS & TAGS	Unsize		BRASS "S" HOOKS	18.00	ea	0.25	1.00	4.50	0.0200	1.0000	0.36
Grand Totals								8,258.95			142

8259
x.75
6194 MAT

142
+ .75
106 MAT

INDEPENDENT

Pipe and Supply Corp.

22 ALMEIDA AVENUE
EAST PROVIDENCE, RI 02914
401-725-1700 / Fax: 401-724-7250

Price Quotation

Date	Quote #	Page:
07/29/25	761318	1
Expiration Date	Quoted To	
07/30/25	PDMEC	

Quoted To:	Ship To:
P & D MECHANICAL INC. 627 OLD HARTFORD ROAD COLCHESTER, CT 06415	P & D MECHANICAL INC. 627 OLD HARTFORD ROAD COLCHESTER, CT 06415
Phone: 860-537-0617 Fax: 860-537-0839	Requested By: DAVID Job Name: GOODWIN PR-07

Writer:	Salesman:	Notes:	Writers Email:
JJM	BPO		JMartin@indplpa.com

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:
1		DUE TO UNPRECEDENTED MARKET VOLATILITY, ALL QUOTATIONS ARE ONLY VALID FOR ONE (1) DAY.			
2		=====			
3		TAG: PR-07			
4		=====			
5	14	1/2 150# BLK MALL G/J UNION Black Malleable Fitting Domestic	EA	45.310	634.34
6	14	1/2 BRZ UL FOR LP GAS B/V THD Apollo #8010301 Ball Valve Bronze Body Valve	EA	44.970	629.58
7	15	1/2 BLK MALL ELL Black Malleable Fitting Domestic	EA	9.700	145.50
8	10	3/4 BLK MALL ELL Black Malleable Fitting Domestic	EA	11.690	116.90
9	4	3/4 BLK MALL TEE Black Malleable Fitting Domestic	EA	18.620	74.48

***CONTINUED**

We are now stocking MegaPress and MegaPressG www.viega.net fittings (Viega's new press system for black pipe) and high efficiency condensing boilers.
Please inquire with your salesperson or visit us at www.indpipe.com for more information.

INDEPENDENT

Pipe and Supply Corp.

22 ALMEIDA AVENUE
EAST PROVIDENCE, RI 02914
401-725-1700 / Fax: 401-724-7250

Price Quotation

Date	Quote #	Page:
07/29/25	761318	2
Expiration Date	Quoted To	
07/30/25		

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:
10	4	3/4x1/2x1/2 BLK MALL TEE Black Malleable Fitting Domestic	EA	29.550	118.20
11	4	3/4 BRZ UL FOR LP GAS B/V THD Apollo #8010401 Ball Valve Bronze Body Valve	EA	68.530	274.12
12	2	SET 3/4xCL-6 STD BLK NIP 1ea Black Steel Nipple Kit	EA	138.250	276.50
13	7	SET 1/2xCL-6 STD BLK NIP 1ea Black Steel Nipple Kit	EA	114.850	803.95
14	105	FT 1/2 STD BLK A53CW T&C CW Black Steel Pipe	FT	4.352	456.96
15	147	FT 3/4 STD BLK A53CW T&C CW Black Steel Pipe	FT	5.345	785.72
16	21	1/2 GALV SPLIT RING 3/8 TAP F+M Type Hanger	EA	4.240	89.04
17	28	3/4 GALV SPLIT RING 3/8 TAP F+M Type Hanger	EA	4.720	132.16
18	49	3/8 GALV F&M PLATE F+M Plate For F/M Hanger	EA	4.560	223.44
19	2	1/2 HIGH DENSITY TFE TAPE Blue Monster PTFE Seal Tape Milrose #70885	EA	6.481	12.96
20	1	Pt TFE GASOILA PIPE DOPE Gasoil #SS16 Ptf Soft-Set	EA	43.540	43.54
21	100	3/8 PLATED HEX NUT Plated Nut 3816HHNZ	EA	0.259	25.90
22	100	3/8 PLATED WASHER Plated Washer 38USSZ	EA	0.199	19.90
23					

*CONTINUED

Line:	Qty:	Description:	UOM:	Net Amt:	Ext Amt:
24	9.5	FT 2 STD GALV A53CW PE CUT CW Galvanized Steel Pipe	FT	19.904	189.09
25	14	CUT - 2 STD PIPE / TUBE	EA	3.000	42.00
26		(14 PCS 2"x8" PEXPE)			
<p style="text-align: right;">Quotation Total \$5,094.28</p>					

Croft & Smith, Inc.
122C Park Avenue
East Hartford, CT 06108

QUOTATION

Date	Quotation
7/1/2025	47019

Name / Address
P & D MECHANICAL 627 OLD HARTFORD ROAD COLCHESTER, CT 06415

Ship To
P & D MECHANICAL GOODWIN INDUSTRIES, 0 HIGH SCHOOL. ATTN: DAVE

Quoted By
DAVE

Ordered	Item	Description	Rate	Amount
14	A LGBI-11C-10	DECK TURRET w/ "GAS" GAS COCK	184.36	2,581.04
			Total	\$2,581.04

FIP Construction, Inc.

Project Name: Goodwin Industry 5.0 High School

Date: August 8, 2025

PCO #: 010 - CE #018 - PR 11 Cast Conn Change & AESS Mods



Description:

CE #018 - PR 11 Cast Conn Change & AESS Mods

Shepard Steel

Credit cast connex connections (10) (\$29,550)

Additional welding and labor for additional HSS pieces with AESS designations \$26,434

#	Description	Cost Code	Amount
1	PR 11 Cast Connex & Beam Changes	05-100	(\$3,117.00)
Subtotal:			(\$3,117.00)
Grand Total:			(\$3,117.00)

Attachments:

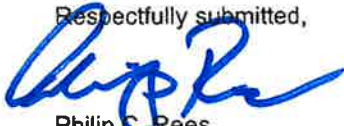
[COR # 1 - PR-11.pdf](#), [PR-11 CastConnX Omission & Beam and AESS Revisions.pdf](#)

Schedule:

This change alone does not impact the overall Project Schedule and/or increase the indirect costs required to complete the project. However, when combined with future changes, the Project Schedule may be impacted and/or additional costs may result from the accumulation of such changes. We reserve the right to request corresponding adjustments to the Project Schedule and/or Contract Amount at a later date.

Please sign and return one fully executed original of this letter indicating your approval of this Cost Proposal to the above-referenced contract no later than .

Respectfully submitted,


Philip C. Rees
Senior Project Manager

Enclosures

cc:

Accepted by:  TSKP

Date: 09/23/25


Downes

Date 09/23/25


Goodwin University

Date 10/1/25



Proposal Request

PROJECT: (name, address)	Goodwin Industry 5.0 High School 6 Pent Road East Hartford, CT	PR NO: 11
OWNER:	Goodwin University Magnet School	DATE: June 23, 2025
TO: (contractor)	FIP Construction LLC 1536 New Britain Ave. Farmington, CT, 06032	ARCHITECT'S PROJECT NO: 230502 STATE PROJECT NO.: 542-0007 MAG/N CONTRACTED FOR: Construction Manager at Risk PROJECT PHASE: Phase 2 – Site and Building Construction

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NEITHER A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description: (Written description of the work)

Please provide a cost proposal for the following items:

1. Credit for omission of CastConnx connections as clarified in the response to RFI #44.
2. Added cost for revisions to the beam layout and compliance with AESS requirements for the beams and associated connections at the revised locations, as shown on the attached SKS-02 and SKS-03.

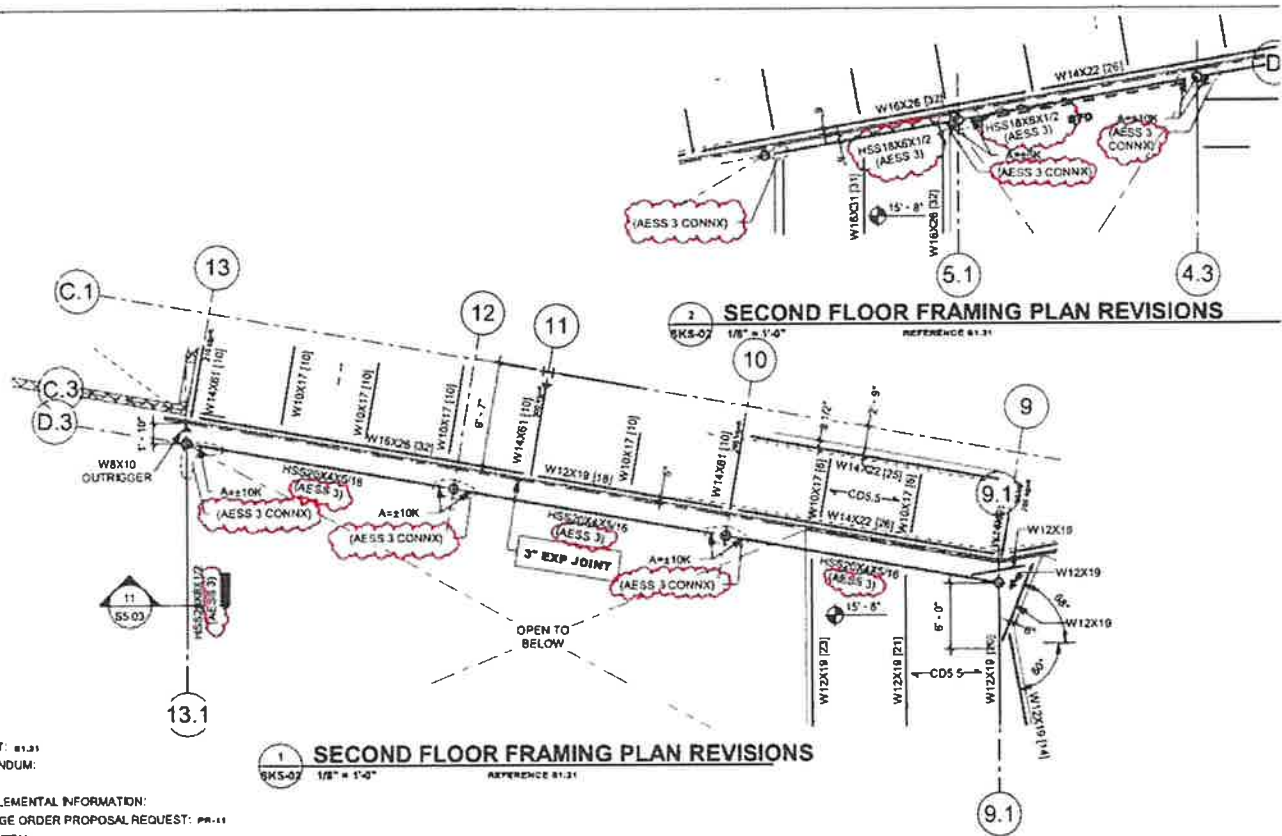
Attachments: SKS-02 and SKS-03

ARCHITECT : TSKP STUDIO

BY:

Mehmet Sahin, AIA

A handwritten signature in blue ink, appearing to read "M. Sahin", written over a horizontal line.

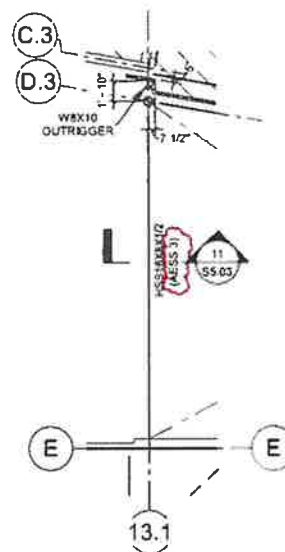


REFERENCE SHEET: 81.31
REFERENCE ADDENDUM:
REFERENCE RFI
REFERENCE SUPPLEMENTAL INFORMATION:
REFERENCE CHANGE ORDER PROPOSAL REQUEST: PR-11
REFERENCE SUBMITTAL:

TSKP STUDIO <small>1000 1st Street, Suite 200 Northridge, CA 91324-1000 Tel: 818.708.1000 Fax: 818.708.1001</small>	JOB NAME / NUMBER OCCUPANCY RECOVERY 84 HIGH SCHOOL		TITLE HSS TUBE REVISIONS	DRAWING NO SKS-02
	STATE JOB NO SAC-0001	SCALE 1/8" = 1'-0"		
	DATE 01/23/20	PREPARED BY JPM		
	REVISED			



1 THIRD FLOOR & ROOF FRAMING PLAN
BKS-03 1/8" = 1'-0" REFERENCE B1.31



2 **FOURTH FLOOR & ROOF FRAMING PLAN**
 0K8-03 1/8" = 1'-0" REFERENCE 01.41

REFERENCE SHEET: 81.31 & 81.41
REFERENCE ADDENDUM:
REFERENCE RFI:
REFERENCE SUPPLEMENTAL INFORMATION:
REFERENCE CHANGE ORDER PROPOSAL REQUEST: PR-11
REFERENCE SUBMITTAL:

TSKP STUDIO One - 1st Blvd Suite 101 West Los Angeles, CA 90013-1201 Tel: (213) 481-1100 Fax: (213) 481-1101	JOB NAME - NUMBER SPOONSTEIN INDUSTRIES L.L. HIGH SCHOOL	TITLE HSS TUBE REVISIONS	DATE: 04/11/98 PREPARED BY: CM	DRAWING NO. SKS-03
	STATE - JOB NO. 64-0007-0001			

Shepard Steel Co., Inc.110 MEADOW STREET/HARTFORD, CONNECTICUT 06114-1598
FAX (860) 247-3137 PHONE (860) 525-4448**STRUCTURAL STEEL EXTRA BREAKOUT**JOB NAME: Goodwin Industrial High SchoolJOB No.: 25009CUSTOMER: F.I.P.LETTER OF EXTRA No.: 1DATE: 7/18/2025**PR -11****DESCRIPTION OF CHANGE:** Changed 3 WF Beams to HSS inclusive of 11 AESS designations. Eliminated 10 Cast Connex brace ends.**DRAWINGS/REFERENCES:** PR-11 SKS-02,SKS-03- CCN2

(ALL QUANTITIES SHOWN ARE NET)

NET MATERIALS	QUANTITY	UNIT	COST	TOTAL
HSS20x8x1/2x20'	1794	lbs	\$ 1.05	\$ 1,883.70
HSS18x6x1/2x40'	3043	lbs	\$ 1.05	\$ 3,195.15
		lbs	\$ 1.05	\$ -
		lbs		\$ -
		lbs		\$ -
		lbs		\$ -
		ea		\$ -
		ea		\$ -
		lbs		\$ -
SUBTOTAL MATERIALS				\$ 5,078.85
0.00% SALES TAX				\$ -
TOTAL MATERIALS				\$ 5,078.85

SSCI LABOR	QUANTITY	UNIT	COST	TOTAL
Shop Fabrication, Straight Time	12	hrs	\$ 103.00	\$ 1,236.00
Shop Fabrication, Overtime	3	hrs	\$ 23.00	\$ 69.00
Engineering		hrs	\$ 150.00	\$ -
PM TIHSS20x8x1/2"x20'me	0	hrs	\$ 97.00	\$ -
Delivery	0	hrs	\$ 150.00	\$ -
TOTAL SSCI LABOR				\$ 1,305.00

SSCI SUBCONTRACTORS	QUANTITY	UNIT	COST	TOTAL
DETAILING				
Detailing	4	hrs	\$ 80.00	\$ 320.00
ERECTION				
Ironworker Straight Time		hrs	\$ 97.06	\$ -
Ironworker Overtime		hrs		\$ -
Ironworker		hrs		\$ -
Operator		hrs		\$ -
Quoted Work J & M Steel Erectors		ea	\$ -	\$ 19,729.60
CAST CONNEX				
(10) Cast Connex Credit	-10	pcs	\$2,855	\$ (29,550.00)
				\$ -
TOTAL SSCI SUBCONTRACTORS				\$ (9,500.40)

SUMMARY			
Subtotal (Materials & SSCI Labor)		\$	6,383.85
Overhead & Profit		10%	\$ (9,500.40)
Subtotal (SSCI Subcontractors)		5%	\$ (3,116.55)
Overhead & Profit		1.00%	deferred
Subtotal			
Bond Premium			
GRAND TOTAL			\$ (3,116.55)

JUL 31 2025

E-MAILED

MOLDTEK		CHANGE CONTROL NOTE #02_10th July 25		FORM NO: MTF-PR20-SDS2	
				REVISION-03	
				EFF. DATE: 01-Feb-24	
				PAGE: 01 OF 10	
Project Name : Goodwin Industrial HS		Job No: 25009		Fabricator : SHEPARD STEEL CO., INC	
Contract DWG NO.	Change Description	Quantity (No. Of Parts Affected)	Hrs Reqd	Remarks	
Based on PR#11 Drawing Revisions received	<u>Per PR#11 drawing SKS-02 & SKS-03:</u> WF beams are now revised to HSS beams which causes revisions in end connections and connecting beam end connections <u>2nd Floor (SKS-02)</u> a) W18x35 beam framing along Grid D & in between Grids 6-5.1 is now changed to HSS18x6x1/2 b) W16x36 beam framing along Grid D & in between Grids 5.1-4.3 is now changed to HSS18x6x1/2 <u>3rd Floor (SKS-03)</u> a) W24x55 beam framing along Grid D & in between Grids 6-5.1 is now changed to HSS20x8x1/2	7-Qty Beams & 5-Qty Columns affected	5		
				Cost/Hour \$80	
			Total	5	Total Cost \$400

J & M Steel Erectors, LLC

PO BOX 442
Durham, CT 06422-1100**Estimate**

Date	Estimate #
6/25/2025	11059

Name / Address
Shepard Steel Co. 110 Meadow Street Hartford, CT 06114

		P.O. No.	Project
			Goodwin
Description	Qty	Rate	Total
Goodwin - Extra Work The following Pricing is for PR-11. Change from cast connex to welded HSS members in 24 locations and the change of 8 members from non AESS to AESS level 3 finish the ends of these AESS members have been revised to a welded condition. Pricing below reflects the added time for welded brace connections and handling time of AESS beams and time to weld the ends of the AESS beams to AESS level 3. It is assumed the installation of a cast connex joist would take 1 man hours to install, while welding of one hss brace joint would take 3 hours to complete, to allow for accurate pricing the add for the welding of the 24 hss brace connections have been carried at 2 hours per connection to take into account the deleted cast connex piece. Please note that this change has an effect on the schedule of the project due to added work, if the schedule cannot be adjusted overtime rates must be applied to this work.			
Foreman time for AESS handling and touchup as needed for 8 added members	2	148.84	297.68
Journeyman time for AESS handling and touchup as needed for 8 added members	8	142.80	1,142.40
Foreman time welding AESS beam ends (16 ends)	4	148.84	595.36
Journeyman time welding AESS beam ends (16 ends)	48	142.80	6,854.40
Foreman time for added welding of 24 hss brace connections	4	148.84	595.36
		Total	

