



Public Safety Building, 312 E. Fifth St.  
Muscatine, IA 52761  
(563) 263-9233  
Fax (563) 263-5534

**FIRE DEPARTMENT**

**MEMORANDUM**

TO: Gregg Mandsager, City Administrator  
FROM: Jerry Ewers, Fire Chief  
DATE: May 17, 2011  
SUBJECT: Change Order #1 for Fire Station Project

**INTRODUCTION:**

The City of Muscatine staff worked with the Architect and General Contractor on reviewing potential cost savings on the new fire station project. Change order #1 is all deducts, which reflects value engineering.

**BACKGROUND:**

The following are all deducts:

1. Provide Steel flashing instead of pre-finished aluminum flashing (\$675)
2. Reduce concrete paving thickness from 8" to 7" (\$15,472)
3. Remove special infiltration basin seed mix and replace with type 2 seeding (\$450)
4. Remove rain garden seeding mix and interlocking concrete edging and replace with sod (\$3,800)
5. Reduce concrete thickness in apparatus bay from 8" to 7" (\$1,260)
6. Remove 16 of the 32 bollards at overhead doors (\$2,373)

Total deduct for change order is \$ 24,030. This change order request does not affect the scope of the project or the LEED certification.

**RECOMMENDATION/RATIONALE:**

Request to approve Change Order #1 for the new Southend Fire Station project, which is a total deduct of \$ 24,030.

**ATTACHMENTS:**

1. Change Order #1

**"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain**



# AIA® Document G701™ – 2001

## Change Order

PROJECT (Name and address):	CHANGE ORDER NUMBER: 001	OWNER: <input checked="" type="checkbox"/>
Muscatine Fire Station No. 2 2124 Stewart Road Muscatine, IA 52761	DATE: May 17, 2011	ARCHITECT: <input checked="" type="checkbox"/>
TO CONTRACTOR (Name and address):	ARCHITECT'S PROJECT NUMBER: 09138	CONTRACTOR: <input checked="" type="checkbox"/>
First Construction Group 3729 West Avenue Burlington, IA 52601	CONTRACT DATE: March 15, 2011	FIELD: <input type="checkbox"/>
	CONTRACT FOR: General Construction	OTHER: <input type="checkbox"/>

### THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

- Provide steel flashing in lieu of pre-finished aluminum flashing. Deduct \$675
- Change all dowel baskets (CD) joints to cut joints and reduce paving thickness from 8" to 7" as required in ASI #1. Class C grate is required. Deduct \$15,472
- Delete special infiltration basin seeding mix and replace with infiltration basins to Iowa SUDAS type 2 seeding as described in ASI #2 dated 4/4/11. Deduct \$450
- Delete rain garden seeding mix from plans and remove interlocking concrete edging, replace with sod as described in ASI #3 dated 4/4/11. Deduct \$3,800
- Reduce concrete thickness in apparatus bay from 8" as noted on Sheet S1.1 to 7" as described in ASI #6 dated 4/4/11. Deduct \$1,260
- Delete bollards on interior side of overhead doors 119E, 119F, 119G, 119H and the exterior side of 119I, 119K, 119L as described in ASI #4 dated 4/4/11. Deduct \$2,373

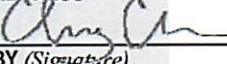
The original Contract Sum was	\$ 1,299,202.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 1,299,202.00
The Contract Sum will be decreased by this Change Order in the amount of	\$ 24,030.00
The new Contract Sum including this Change Order will be	\$ 1,275,172.00

The Contract Time will be increased by Zero (0) days.

The date of Substantial Completion as of the date of this Change Order therefore is December 10, 2011.

**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.

INVISION Architecture ARCHITECT (Firm name)	First Construction Group CONTRACTOR (Firm name)	City of Muscatine OWNER (Firm name)
303 Watson Powell Jr. Way, Suite 200, Des Moines, IA 50309	3729 West Avenue, Burlington, IA 52601	215 Sycamore Street, Muscatine, IA 52761
ADDRESS	ADDRESS	ADDRESS
	BY (Signature)	BY (Signature)
BY (Signature)	Curtis Grant (Typed name)	Jerry Ewers, Fire Chief (Typed name)
Cheung Chan, AIA (Typed name)	DATE	DATE
5/17/2011		
DATE		

**CITY OF MUSCATINE**  
**REQUEST FOR CONTRACT CHANGE ORDER APPROVAL**

Project: Muscatine Fire Department No. 2

Department: Fire Department

Change Order No.: 1

Amount: (# 24,030) credit

Date: 5/12/2011

**Description (unless attached):**

COR #1 (Steel in lieu of aluminum flashing), COR #3 ("CD" Joints to "C" Joints + B' to T' paving thickness), COR #4 (change seed & infiltration basin), COR #5 (change "rain garden" seed mix, remove concrete edging), COR #7 (Reduce concrete thickness @ apparatus bay), COR #8 (delete bollards).

If pre-approved, state reason:

**Avoid construction delay.**

Additional cost would be incurred.

## Other

#### **Authorizations:**

**Pre-Approved**

**Approval  
Requested**

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**Department Head**

Date \_\_\_\_\_

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## City Administrator

Date \_\_\_\_\_

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Mayor

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**City Council Approval**

Attach contract change order form.



**FIRST**  
CONSTRUCTION GROUP, INC.

*"We build quality buildings for less"*

3729 West Avenue  
Burlington, IA 52601  
319-752-4400 Phone  
319-752-2116 Fax

**CHANGE ORDER REQUEST**

**Attn: Cheung Chan**  
**InVision Architecture**  
**303 Watson Powell Jr. Way, Ste. 200**  
**Des Moines, IA 50309**

Phone: 515-633-2941  
Fax: 515-633-2942

**TITLE** # 1  
Steel flashing

DATE: 4/4/11

**SCOPE OF CHANGE:** Per e-mail correspondence on 4/4/11, Lynch Roofing is providing a deduct to provide steel flashing in lieu of pre-finished aluminum flashing.

**Lynch Roofing & Siding** (\$675)

**DELAYS** \_\_\_\_\_ days/weeks

**COST**      **Deduct**      **(\$675)**

APPROVED

**APPROVED**

~~Henry~~ 5-10-11  
OWNER DATE

*Bill M* 5/12/11

## RECOMMEND

Chay Ch 4.29.2011  
ARCHITECT DATE



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**CHANGE ORDER REQUEST  
MUSCATINE FIRE STATION NO. 2**

Attn: **Michael Dean**  
InVision Architecture  
303 Watson Powell Jr. Way, Ste. 200  
Des Moines, IA 50309

Phone: 515-633-2941  
Fax: 515-633-2942

# 3  
TITLE ASI #1 DATE: 4/20/11

SCOPE OF CHANGE: Change all dowel baskets (CD) joints to cut C joints and reducing paving thickness from 8" to 7" as requested in ASI #1.  
Class C grate is required. The following is the cost increase for this specific grate.

Iowa Concrete (\$15,472)

DELAYS \_\_\_\_\_ days/weeks COST Deduct (\$15,472)

APPROVED

St. Eustis 5-10-11  
OWNER DATE

APPROVED

Mark M. St. Eustis 5/12/11  
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chris C. 4.29.2011  
ARCHITECT DATE



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**CHANGE ORDER REQUEST  
MUSCATINE FIRE STATION NO. 2**

Attn: **Michael Dean**  
InVision Architecture  
303 Watson Powell Jr. Way, Ste. 200  
Des Moines, IA 50309

Phone: 515-633-2941  
Fax: 515-633-2942

# 4  
TITLE ASI #2

DATE: 4/26/11

SCOPE OF CHANGE: Delete special infiltration basin seeding mix and replace with infiltration basins to Iowa SUDAS type 2 seeding as described in ASI #2 dated 4/4/11.

Kellor & Kellor

(\$450)

DELAYS \_\_\_\_\_ days/weeks

COST      Deduct      (\$450)

APPROVED

Alison 5-10-11  
OWNER DATE

APPROVED

John M 5/2/11  
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chris C 4.29.2011  
ARCHITECT DATE



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CHANGE ORDER REQUEST  
MUSCATINE FIRE STATION NO. 2

Attn: Michael Dean  
InVision Architecture  
303 Watson Powell Jr. Way, Ste. 200  
Des Moines, IA 50309

Phone: 515-633-2941  
Fax: 515-633-2942

# 5  
TITLE ASI #3 DATE: 4/26/11

SCOPE OF CHANGE: Delete "rain garden" seeding mix from plans and remove interlocking concrete edging, replace with sod as described in ASI #3 dated 4/4/11.

Kellor & Kellor (\$3,800)

DELAYS \_\_\_\_\_ days/weeks COST Deduct (\$3,800)

APPROVED

Plans 5-10-11  
OWNER DATE

APPROVED

Ants M-t 5/12/11  
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chris C 4.29.2011  
ARCHITECT DATE



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**CHANGE ORDER REQUEST  
MUSCATINE FIRE STATION NO. 2**

Attn: **Michael Dean**  
InVision Architecture  
303 Watson Powell Jr. Way, Ste. 200  
Des Moines, IA 50309

Phone: 515-633-2941  
Fax: 515-633-2942

# 7  
TITLE ASI #6 DATE: 4/26/11

**SCOPE OF CHANGE:** Reduce concrete thickness in apparatus bay from 8" as noted on Sheet S1.1 to 7" as described in ASI #6 dated 4/4/11.

Iowa Concrete (\$1,260)

DELAYS \_\_\_\_\_ days/weeks COST Deduct (\$1,260)

APPROVED

Mike 5-10-11  
OWNER DATE

APPROVED

Mike M 5/12/11  
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

Chris C 4.29.2011  
ARCHITECT DATE

3729 West Avenue  
Burlington, IA 52601  
319-752-4400 Phone  
319-752-2116 Fax



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**CHANGE ORDER REQUEST  
MUSCATINE FIRE STATION NO. 2**

Attn: Michael Dean  
InVision Architecture  
303 Watson Powell Jr. Way, Ste. 200  
Des Moines, IA 50309

Phone: 515-633-2941  
Fax: 515-633-2942

# 8  
TITLE ASI #4

DATE: 4/26/11

SCOPE OF CHANGE: Delete bollards on Interior side of overhead doors 119E, 119F, 119G, 119H and the exterior side of 119I, 119K, 119L as described in ASI #4 dated 4/4/11.

<u>Bradley Iron Works</u>	<u>(\$1,257)</u>
<u>Barron Equipment</u>	<u>(700)</u>
<u>First Construction Group - dock equipment install</u>	<u>(160)</u>
<u>First Construction Group - bollard install</u>	<u>(256)</u>
<b>TOTAL</b>	<b><u>(\$2,373)</u></b>

DELAYS \_\_\_\_\_ days/weeks

COST      Deduct      **(\$2,373)**

APPROVED

5-10-11  
OWNER DATE

APPROVED

5/12/11  
FIRST CONSTRUCTION GROUP, INC.

RECOMMEND

4.29.2011  
ARCHITECT DATE

3729 West Avenue  
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319-752-4400 Phone  
319-752-2116 Fax