



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 206 North 3 rd Street. Holly, Colorado 81047	Supplemental Instruction No: 01
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 11/12/12
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1. The sewer main has been revised at the direction of the Owner. Refer to the existing sewer main sheet C 104. The Contractor is informed that the sewer main construction has changed. The new connection of the sewer main shall be at the existing Town of Ignacio sewer manhole located east of the existing Ignacio Intermediate School (Proposed Elementary School Site). The new sewer main will extend to the south property line of the Intermediate School property and then extend westerly along the south property line and cross CR 320. There will be a revised manhole location on the new Middle School property.
2. All work to be contained within the Ignacio School properties and within the existing County Road right of way.
3. The Contractor should note the connection to the existing sewer main is at a location where two residential taps exist upstream. The tie in needs to be coordinated with the upstream users.
4. To allow for new sewer line installation, relocate existing trees from the south property line to the north property line as shown on the attached ASI 1 landscape drawing. Provide break out pricing for the tree relocation.

Attachments: ASI #1 Civil Drawing
ASI #1 Landscape Drawings

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 206 North 3 rd Street. Holly, Colorado 81047	Supplemental Instruction No: 02
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 11/12/12
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

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Description:

Provide Cost Information to remove the north water line from the contract as described below.

1. The water main along the north side of the Middle School is to be to be constructed and paid for by the Southern Ute Indian Tribe and shall be removed from the contract. The main line portion from the northwest corner of the middle school property is to be dedicated to the Town of Ignacio for ownership.
2. The line work to be removed from the contract begins at the connection to the existing water main in CR 320 and terminate at the 'tee' intersection at the northwest corner of the school. Refer to the attached Drawing ASI #2 Civil Drawing
3. Associated tees, fittings and fire hydrants as shown on Sheet C 102 shall remain in contract. This includes the water service main entering the Middle School.

Attachments: PR #2 Civil Drawing

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 222 County Road 320. Ignacio, Colorado 81137	Supplemental Instruction No: 03
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 02/8/13
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

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Description:

Architectural Drawings:

Item ASI03-A1

Sheet A112

1. See attached sketch for Knox box.

Item ASI03-A2

Sheet A400

2. See attached sketch for revisions to Toilet B117.

Item ASI03-A3

Sheet A400

3. See attached sketch for revisions to the ADA Transfer Shower.

Food Service Drawings:

Item ASI03-FS1

Sheets FS-101, FS-301, FS-401, FS-601

1. See attached sketch P4 for revisions to Toilet B117.

Plumbing Drawings:

Item ASI03-P1

2. See attached sketch P4 for revisions to Toilet B117.

Electrical Drawings:

Item ASI03-E1

1. See attached sketch E4 for revisions to Toilet B117.

Item ASI03-E2

Sheets E121, E122, E123

2. See attached sketches for revisions to exit lighting

Attachments: ASI 3 A1, ASI 3 A2, ASI 3 A3, FS-101, FS-301, FS-401, FS-601, P4, E4, E121, E122, E123

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 222 County Road 320. Ignacio, Colorado 81137	Supplemental Instruction No: 04
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 11/06/12
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

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Description:

Structural Drawings:

Item ASI1-S1

Sheet S112

1. The top of concrete elevation at the pilaster for the column at grid P-BB.2 shall be 101'-2".

Item ASI1-S2

Sheet S121

1. At the masonry wall along grid 2, at the two triple arrows south of grid D, Detail 6A/S301 occurs at each location.

Item ASI1-S3

Sheet S122

1. The beam along grid 7 shall be a W16x26.
2. The frames for the openings in the EPIC roof deck shall be designed and provided by the deck manufacturer above the top of the deck surface so it is not exposed from below. These frames shall be used in lieu of the frames indicated in Detail 6/S300.
3. At the roof overhang along grid 13 and 14, the overhang shall reduce from 3'-10½" to 1'-10½".

Item ASI1-S4

Sheet S123

1. At the roof overhang along grid 17 and 18, the overhang shall reduce from 3'-10½" to 1'-10½".

Item ASI1-S5

Sheet S300

1. Detail 5/S300 – Where EPIC deck is fastened to glu-lam members, provide #12 screws at the same pattern as the noted $\frac{3}{4}$ " arc puddle welds.

Attachments:

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 05

DATE OF ISSUANCE: 11/19/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Refer to Addendum #2, Item AD2-PM12:
Addendum #2 (Item AD2-PM12) revised Section 26 09 23 of the specifications and referred to a "Lighting Sequence and Control" as well as two related details. The sequence was inadvertently omitted from the addendum. See attached for sequence.

Attachments:

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 06

DATE OF ISSUANCE: 11/15/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Structural Drawings:

Item ASI06-S1

Sheet S112

1. The small portion of foundation wall that extends inside the building footprint near grid MM-XX shall be omitted.
2. In lieu of extending the steel column base down to the top of footing at grids MM-XX and FF-YY, provide an 1'-6" x 1'-6" pedestal with 4-#6 vertical and #4 ties, two at top and 12" on center. The pedestal shall extend from the top of the footing at 97'-10" to 99'-4".
3. The dimension from grid F to grid G is 5'-6".

Item ASI06-S2

Sheet S122

1. The column located near grid ZZ-M shall change from HSS4x4x1/4 to HSS5x5x3/16. This column shall be located 8 3/4" south of grid M and on grid ZZ.

Attachments:

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 07

DATE OF ISSUANCE: 11/20/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Structural Drawings:

Detail 17/S001 – The note “6-#6 VERT.” is not required. The note “4-#6 W/ STD. HOOK INTO FTG.” is the reinforcement note that is applicable. The #4 ties should be located with two ties at the top of the pilaster and the remainder of the pilaster should be reinforced with #4 ties at 12” on center.

Attachments:

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 08

DATE OF ISSUANCE: 11/29/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Structural Drawings:

See the attached sketches and direction for structural changes at grid line XX.. This ASI eliminates the low beam and supports the joists of the upper beam.

Attachments: ASI 08 S1, ASI 08 02, ASI 08 03

CC:

SUBMITTED BY: _____

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 222 County Road 320. Ignacio, Colorado 81137	Supplemental Instruction No: 09
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 01/04/13
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Electrical Drawings:

Item ASI09-E1

1. See attached sketch for electrical service to hand dryers.

Item ASI09-E2

1. See attached sketch for electrical service to solatube dimmers.

Item ASI09-E3

Sheet E122

1. See attached sketch for lighting revisions at the stage.

Item ASI09-E4

Sheets M115, M116, P115, P116, E112, E113

1. Add the following note for the domestic water, heat pump supply/return and cable tray where it is exposed crossing Corridors C100 and C120.

"Install domestic water, heat pump supply/return, and cable tray where it is exposed and crossing the corridor per details 12/A507 and 13/A507. Reference details B5/P501 and C4/E503."

Attachments: ASI 9 E.1, ASI 9 E.2, ASI 9 E.3

CC:

SUBMITTED BY:

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 10

DATE OF ISSUANCE: 12/4/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Structural Drawings:

See attached sketch for dimension for Staff toilet B107

Attachments: ASI 10 Sketch

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 11

DATE OF ISSUANCE: 12/7/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

See attached direction and sketches for 2 items

- 1)** Clarification and drawings for the mock-up panel as described in specification section 014000. Final colors for the mock up panel will be selected when all exterior colors are submitted to RTA's office.
- 2)** Construction sign details. Location of sign will be determined by RTA next onsite meeting.

Attachments: ASI 11 Image file, ASI 11 Combined

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 12

DATE OF ISSUANCE: 1/4/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Locate the fire riser in the southeast corner of Storage A121 near the current fire department connection. The 4" fire department connection line previously routing to the old fire riser location in the boiler room now becomes the main. Relocate the domestic water entry assembly to this same location. Install per the attached ASI 12/P3

Attachments: ASI 12/P3

CC:

SUBMITTED BY:

Signature

Kenneth Gregg AIA



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 13

DATE OF ISSUANCE: 1/4/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Girls B111, Boys 113:

Install two additional floor drains as illustrated on the attached sketch ASI 13/P2.

Attachments: ASI 13/P2

CC:

SUBMITTED BY:

Signature

Kenneth Gregg AIA



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 14R

DATE OF ISSUANCE: 2/8/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

See attached for layout and details of concrete walls.

Attachments: ASI 14 combined

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



PROJECT: Ignacio Middle School

Addendum Instruction No: 15

DATE OF ISSUANCE: 12.24.2012

OWNER: Ignacio School District
P.O. Box 460-315 Ignacio St.
Ignacio, Colorado, 81127

ARCHITECT PROJECT NO: 11071.00

ARCHITECT: R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

The following shall become as fully a part of the above-referenced Drawings and Specifications, as if herein written and shall take full and complete precedence over anything therein contained to the contrary.

Each Contractor shall acknowledge the receipt of this Addendum on the Bid Form and in so doing, shall also acknowledge his understanding of the impact on his work and that of his material suppliers.

Each Contractor shall be responsible for reading each and every item in this Addendum to ascertain to what extent and in what manner it affects the work in which he and his material suppliers are involved.

Please make the following changes and/or modifications to the documents:

Description:

Structural Drawings:

Item ASI15-S1

Sheet S301

1. The continuous bent plate indicated at the top of the window frame shall move up to the bottom of deck elevation to support the transition in the acoustical and non-acoustical metal roof deck.



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 16

DATE OF ISSUANCE: 06/05/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI16-A1

AS501

1. See attached sketch for the monument sign design, add new sheet AS501.

Item ASI16-L1

1. See attached landscape sketches for the monument sign.

Attachments: ASI 16 Combined

CC:

SUBMITTED BY: _____

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 17

DATE OF ISSUANCE: 1/6/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Revise Gym Floor Transition Details 4/A500, 5/A500 and 26/A500 per the attached sketches ASI17/A1, ASI17A2, and ASI17/A3.

Verify wood floor clearance requirements at floor slab transition. Verify that Wood Flooring Mfr. Details show 1 1/2" clear. Maintain this clearance into the door recesses.

Provide 3"x4" rubber base pre-molded outside corners where flooring extends into door recesses.

Attachments: ASI 17/A1, ASI 17/A2, ASI 17/A3

CC:

SUBMITTED BY:

Signature

Kenneth Gregg AIA



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 18

DATE OF ISSUANCE: 1/22/12

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

See attached for direction on snow melt system for the service drive

Attachments: ADD-M4, ADD-M5

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



PROJECT: Ignacio Middle School

DATE OF ISSUANCE: 01.25.2013

OWNER: Ignacio School District
P.O. Box 460-315 Ignacio St.
Ignacio, Colorado, 81127

ARCHITECT PROJECT NO: 11071.00

ARCHITECT: R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Each Contractor shall be responsible for reading each and every item in this Addendum to ascertain to what extent and in what manner it affects the work in which he and his material suppliers are involved.

Please make the following changes and/or modifications to the documents:

Description:

Structural Drawings:

Item ASI19-S1

Sheet S121

1. The four (4) masonry walls that run between grid 2 and grid 3 shall have the following changes made regarding joist bearing elevation;
 - a. J.B.E. for the wall on grid A shall change from 112'-8" to 112'-6 1/2".
 - b. J.B.E. for the wall north of grid C shall change from 114'-10" to 114'-8 1/2".
 - c. J.B.E. for the wall on grid C shall change from 115'-7 3/8" to 115'-5 3/4".
 - d. J.B.E. for the wall on grid F shall change from 118'-11 1/8" to 118'-9 1/2".



ASI-20

PROJECT: Ignacio Middle School

DATE OF ISSUANCE: 02.5.2013

OWNER: Ignacio School District
P.O. Box 460-315 Ignacio St.
Ignacio, Colorado, 81127

ARCHITECT PROJECT NO: 11071.00

ARCHITECT: R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Each Contractor shall be responsible for reading each and every item in this Addendum to ascertain to what extent and in what manner it affects the work in which he and his material suppliers are involved.

Please make the following changes and/or modifications to the documents:

Description:

Structural Drawings:

- a. **See attached sketch for clarification on detail 3/S122**



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 21R2

DATE OF ISSUANCE: 05/23/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

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Description:

Item ASI21-A1

1. See attached sketches for the library glazed entry wall soffit.

Attachments: ASI 21R2 Combined

CC:

SUBMITTED BY:

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 23

DATE OF ISSUANCE: 03/5/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

- 1. Attached are sketch showing clarifications on structural details.**

Attachments: S-1, S-2, S-3, S-4

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator

19 South Tejon Street, Suite 300 - Colorado Springs, CO 80903 - Tel: 719-471-7566 Fax: 719-471-1174



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT:	Ignacio Middle School 222 County Road 320. Ignacio, Colorado 81137	Supplemental Instruction No: 24
OWNER:	Ignacio School District PO Box 460 315 Ignacio Street Ignacio, Colorado 81137	DATE OF ISSUANCE: 04/01/13
TO CONTRACTOR:	FCI Constructors, Inc. 186 Moose Lane Durango, Colorado 81303	ARCHITECT PROJECT NO: 11071.00
		ARCHITECT: R.T.A., Inc. 19 South Tejon Street, Suite 300 Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI112-A1

1. See attached sketches for cementitious fiber panel colors and accent batten locations. The typical colors are as follows:
 - a. Typ. Panel Color - Woodstock Brown
 - b. Typ. Batten Color, Field – Monterey Taupe
 - c. Batten Color, Accent – Sandstone Beige

Item ASI112-A2

2. The typical stucco colors are as follows. Note: the colors listed below are El Rey Stucco colors.
 - a. Gymnasium Stucco (Area 111) – Biscuit 35B-1P
 - b. Classroom Areas Stucco (Areas 112 & 113) – Cameron 35B-3D

Item ASI112-A3

3. The typical Firestone metal roof color at all roof locations is as follows:
 - a. Silver Metallic

Item ASI112-A4

Sheet A421 Interior Elevations

4. See attached sketch for the added 9/A421 C100B Vestibule-East elevation

Item ASI112-A4

Sheet A604 Frame Types - Interior

5. See attached sketch for the added Frame J1 elevation

Attachments: ASI 24 Combined

CC:

SUBMITTED BY:

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 25

DATE OF ISSUANCE: 04/8/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1. **Attached are sketch showing clarifications to the solar chimney details.**

Attachments: ASI 25-A1, ASI 25-A2, ASI 25-A3

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator

19 South Tejon Street, Suite 300 - Colorado Springs, CO 80903 - Tel: 719-471-7566 Fax: 719-471-1174



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 26

DATE OF ISSUANCE: 04/15/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI26-AC111

Sheet AC111

1. Revise finishes as shown on attached sheet AC111.

Item ASI26-AC112

Sheet AC112

1. Revise finishes as shown on attached sheet AC112.

Item ASI26-I001

Sheet I001

1. Revise finishes as shown on attached sheet I001.

Item ASI26-I111

Sheet I111

1. Revise finishes as shown on attached sheet I111.

Item ASI26-I112

Sheet I112

1. Revise finishes as shown on attached sheet I112.

Item ASI26-I113

Sheet I113

1. Revise finishes as shown on attached sheet I113.

Attachments: AC111, AC112, I001, I111, I112, I113

SUBMITTED BY: _____

Signature

Greg Johnson



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 27

DATE OF ISSUANCE: 04/9/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1. **Attached are sketch showing revisions to restroom A102A and A113.**

Attachments: ASI 27-A1, ASI 27-A2, ASI 27-A3

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator

19 South Tejon Street, Suite 300 - Colorado Springs, CO 80903 - Tel: 719-471-7566 Fax: 719-471-1174



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 28

DATE OF ISSUANCE: 04/10/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI28-A1

1. See attached sketches for revised marker and tack boards at classroom locations. See Classroom C105 for typical marker board and short throw projector alignments.

Attachments: ASI 28 Combined

CC:

SUBMITTED BY:

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 30

DATE OF ISSUANCE: 04/17/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1. **See attached sketches for clarifications to the landscape irrigation system.**

Attachments:

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 31

DATE OF ISSUANCE: 05/07/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI28-A1

1. See attached sketch for revised wall framing above the administration area in Corridor C100.

Item ASI28-A2

1. See attached detail for wall framing and aluminum storefront connection.

Attachments: ASI 31 Combined

CC:

SUBMITTED BY: _____

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 32

DATE OF ISSUANCE: 05/8/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1. **See attached for clarifications on structural detail 2/S301.**

Attachments: Modified 2-S301

CC:

SUBMITTED BY:

Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 33

DATE OF ISSUANCE: 05/09/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI33-A1

1. See attached sketches for revised canopy framing and storefront at the Vestibule C100B

Attachments: ASI 33 Combined

CC:

SUBMITTED BY: _____

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 34

DATE OF ISSUANCE: 05/23/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI34-S1

1. See attached sketch for the revised strut/outrigger framing at Grids M and ZZ.

Attachments: ASI-34 - HCDA Detail

CC:

SUBMITTED BY: _____

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 35

DATE OF ISSUANCE: 06/12/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI35-A1

1. See attached sketches for details at the storefront and louver connection. RE: RFI 106 for additional information.

Attachments: ASI 35 Combined

CC:

SUBMITTED BY:

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 36

DATE OF ISSUANCE: 06/13/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description: Provide and install a surface mounted baby changing station as noted below.

Model: Foundations 100-EH-BP.

Locations:

1) West wall of restroom B104. Change signage for this room to "Family Restroom". Locate paper towel dispenser south of the changing station.

Signage for restroom B103 should be changed to read "Restroom"

Attachments:

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 37

DATE OF ISSUANCE: 06/14/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Attached are drawings and details for the entrance lobby light fixture. RTA has been working with the manufacturer to finalize detail on this fixture. Please verify pricing is with-in the allowance established for this work.

Attachments:

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 38

DATE OF ISSUANCE: 06/14/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI38-A1

Sheet I001

1. Clarify carpet layout at Library and Admin offices per attached sheet I001.

Item ASI38-A2

Sheet I112

1. Clarify carpet layout at Library and Admin offices (A101, A108, A109, A110, A111, A112, A115, & A106 to all match carpet tile orientation and pattern direction) per attached sheet I112.

Attachments: ASI 38 Combined

CC:

SUBMITTED BY:

Signature

Greg Johnson



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 39

DATE OF ISSUANCE: 06/17/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Provide wall pads on the west, north and east walls of the weight/wrestling room B115. Pads to be as specified in 114910.

Attachments:

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 40

DATE OF ISSUANCE: 09/6/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Install an Owner furnished Everlast climbing wall on the east wall of Gym B100 per the attached details. The wall shall be two section 8' high x 20' long.

Wood back panel shall be fire treated.

Attachments:

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves _____
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 41

DATE OF ISSUANCE: 07/8/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

See the attached sketch for locations to relocate trees displaced by road CR320 work.

Attachments: DHM tree relocation

CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 42

DATE OF ISSUANCE: 07/10/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Refer to RFI 121 Response.

See the attached sketch for point grade revisions at Outdoor Learning area.

Cad file has been issued to Goff engineering for horizontal layout.

Attachments: Outdoor Learning Area Plan Sketch

CC:

SUBMITTED BY: _____
Signature

Kenneth R. Gregg AIA
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 43

DATE OF ISSUANCE: 07/19/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Item ASI43-A1

Sheet A506

1. 18/A506: Add detail 18 per attached sheet ASI 43-A1

Item ASI43-E1

1. Replace Type K1 and K1E Fixtures located in Stage B101, Breakout C100A and Breakout C110A (Ref E122 and E123) with Edge EX44-AN-2T8 fixtures. Return original K1 and K1E fixtures to manufacturer in good condition. Reference Detail 18 on Sheet A-506 for installation. Coordinate with wood ceiling installer.

Attachments: ASI 43 Combined

CC:

SUBMITTED BY: _____

Signature

Scott Schuster



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 44

DATE OF ISSUANCE: 09/16/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

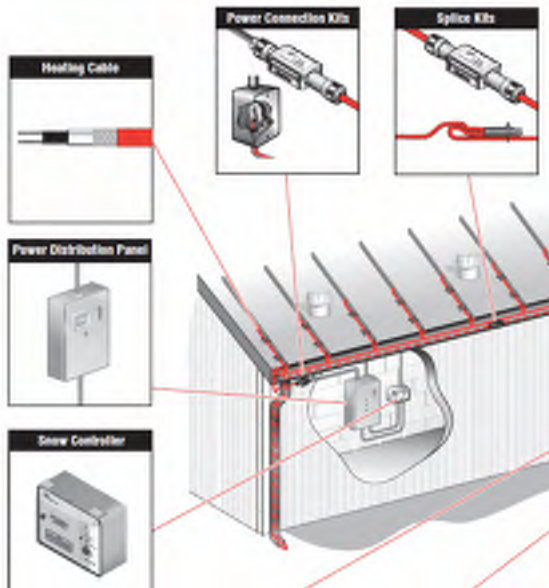
TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description: "Provide 20A/2P breaker in panel K-3. Route 3#12 +#12 G in 1/2" c to power connection kit for future connection. Provide enclosure for future snow controller in accessible location at Kitchen. See Detail below. Do not connect conductors to breaker until snow melt cable installed."

The details below should help.



CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 45

DATE OF ISSUANCE: 09/16/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

- 1) Provide an additional volleyball court system as detail in specification section 114910 - 2.4.
- 2) Provide an 8' scorer's table.

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 46

DATE OF ISSUANCE: 09/17/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

1) Provide a data outlet for phone service in Athletic Training/Referee office B112 and below the desk in Kitchen B116. Confirm exact location with the Owner.

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 47

DATE OF ISSUANCE: 09/17/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Provide a 5' x 5' x 4" thick concrete slab under each picnic table as shown on L1.3. The slab will be for mounting the table and benches. 8 slabs total.

CC:

SUBMITTED BY:

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 48

DATE OF ISSUANCE: 12/13/13

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

Eliminate the folding seat in each of the ADA shower stalls in locker rooms B111 and B113. Provide a Moen freestanding transfer bench at each ADA shower. Moen model DN7105. See attached sketch for additional clarifications.

Attached: 11071 Ignacio MS shower seat.pdf
CC:

SUBMITTED BY: _____

Signature

Rick J. Taves

Construction Administrator



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

PROJECT: Ignacio Middle School
222 County Road 320.
Ignacio, Colorado 81137

Supplemental Instruction No: 49

DATE OF ISSUANCE: 2/6/14

OWNER: Ignacio School District
PO Box 460
315 Ignacio Street
Ignacio, Colorado 81137

ARCHITECT PROJECT NO: 11071.00

TO CONTRACTOR: FCI Constructors, Inc.
186 Moose Lane
Durango, Colorado 81303

ARCHITECT:
R.T.A., Inc.
19 South Tejon Street, Suite 300
Colorado Springs, Co 80903

Please revise or add the following additional information to the Contract Documents as described herein. This work shall not require a change in the Contract Amount. Should the Contractor determine that this directive will require an increase in the cost of the Project, he shall immediately notify the Architect and shall not proceed until the cost issue is resolved.

Description:

See attached document from ME&E for control modification generated from the 2/6/14 conference call.

Attached: CM#1 control modification.doc
CC:

SUBMITTED BY: _____
Signature

Rick J. Taves
Construction Administrator



Change Order Summary

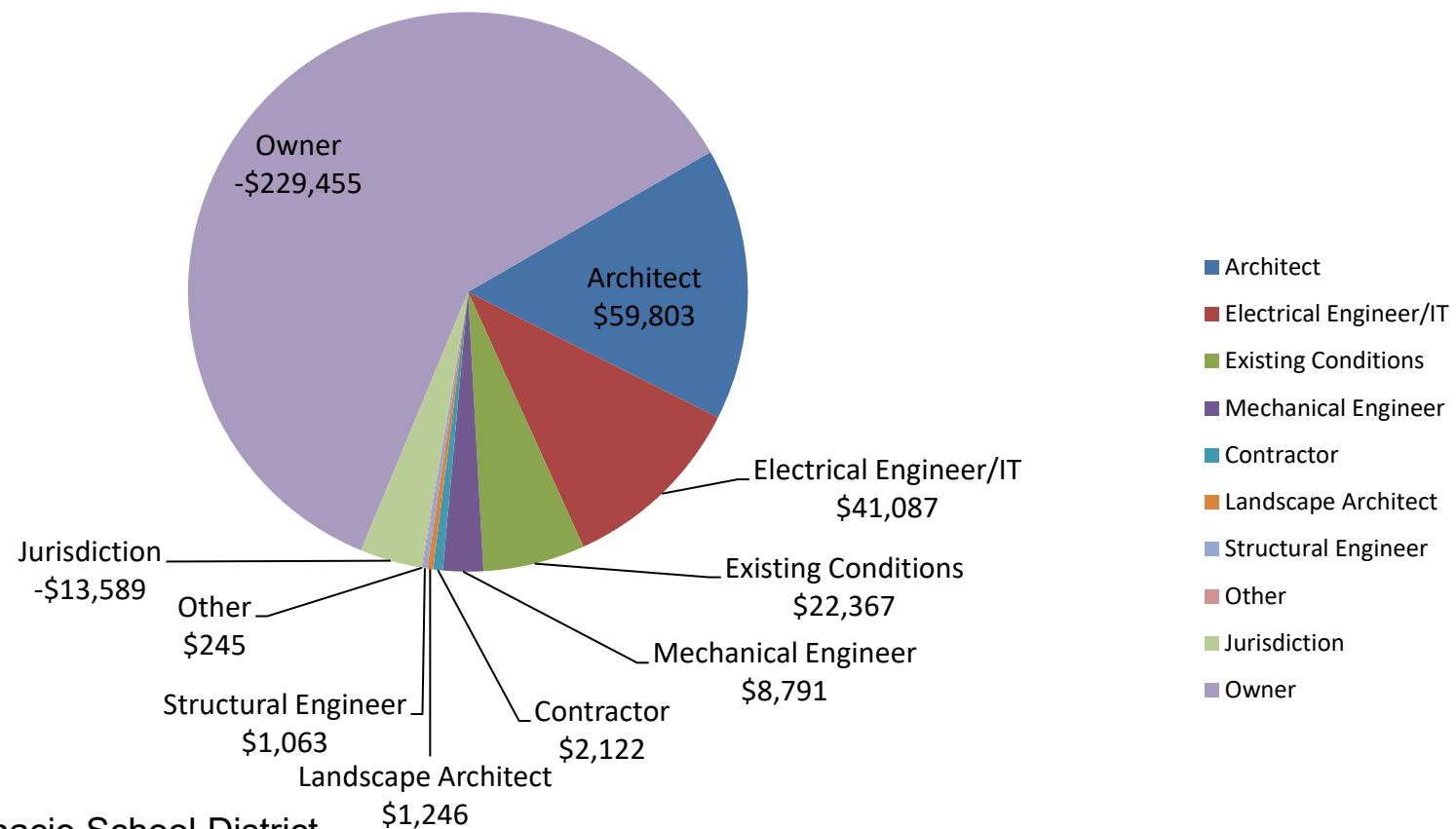
Project Name:	Ignacio Middle School
Client:	Ignacio School District
Project #:	11071
General Cont.:	FCI Construction
Const. Start Date:	3/15/2010
Const. End Date:	8/1/2011

Original Contract Amount:	\$11,889,550
Contract Contingency Amount:	\$0

Original Contract Amount:	\$11,889,550
CO # 1	\$4,898
CO # 2	\$9,407
CO # 3	(\$137,612)
CO # 4	\$43,371
CO # 5	(\$55,873)
CO # 6	\$18,059
CO # 7	\$427
CO # 8	\$14,010
CO # 9	\$14,162
CO # 10	(\$17,169)
Total Change Orders (\$\$):	(\$106,319)
New Contract Amount:	\$11,783,231
Total % Change (COs Only):	-0.90%

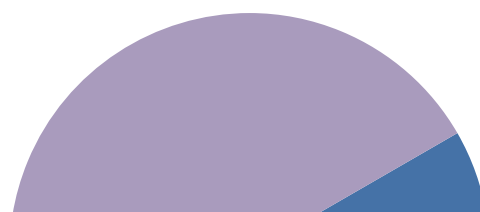
Contract Contingency Amount	\$0
Used Contingency Amount	\$0
Remaining Contingency Amount:	\$0

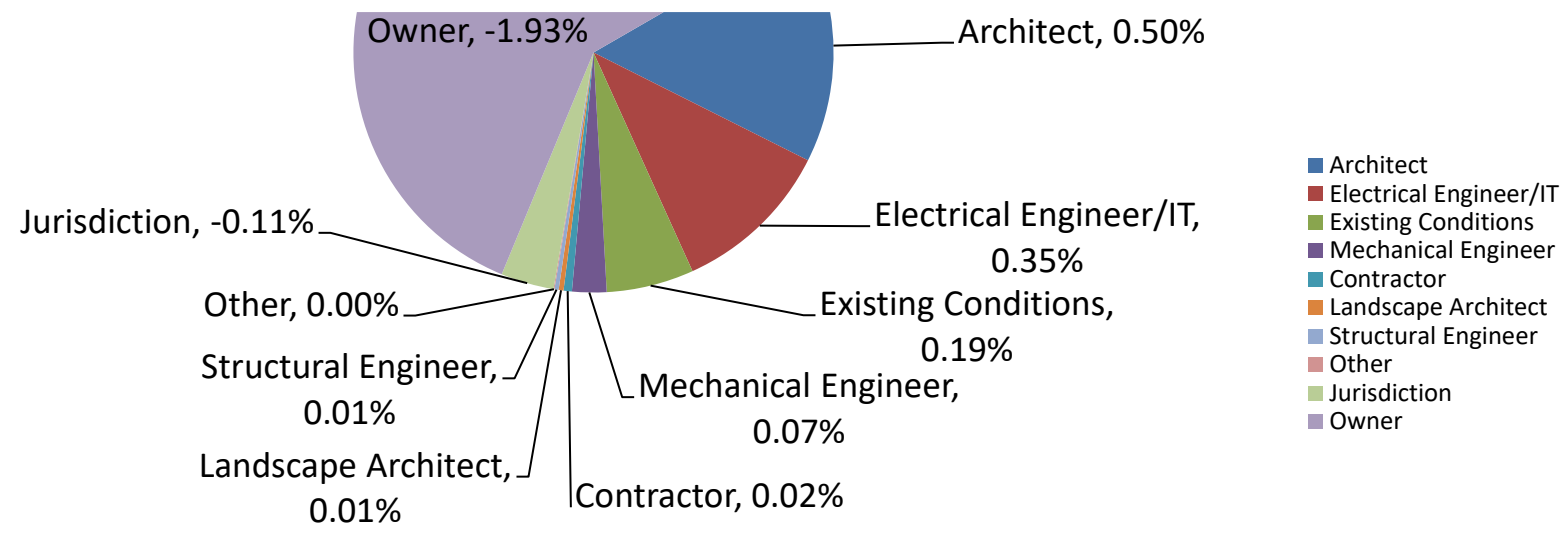
Ignacio Middle School CO Breakdown by \$\$ (Change Orders Only)



Client:	Ignacio School District	Original Contract Amount:	\$11,889,550
Project #:	11071	New Contract Amount:	\$11,783,231
General Cont.:	FCI Construction	Total % Change (COs Only):	-0.90%
Const. Start Date:	10/21/2012		
Const. End Date:	9/31/2013		

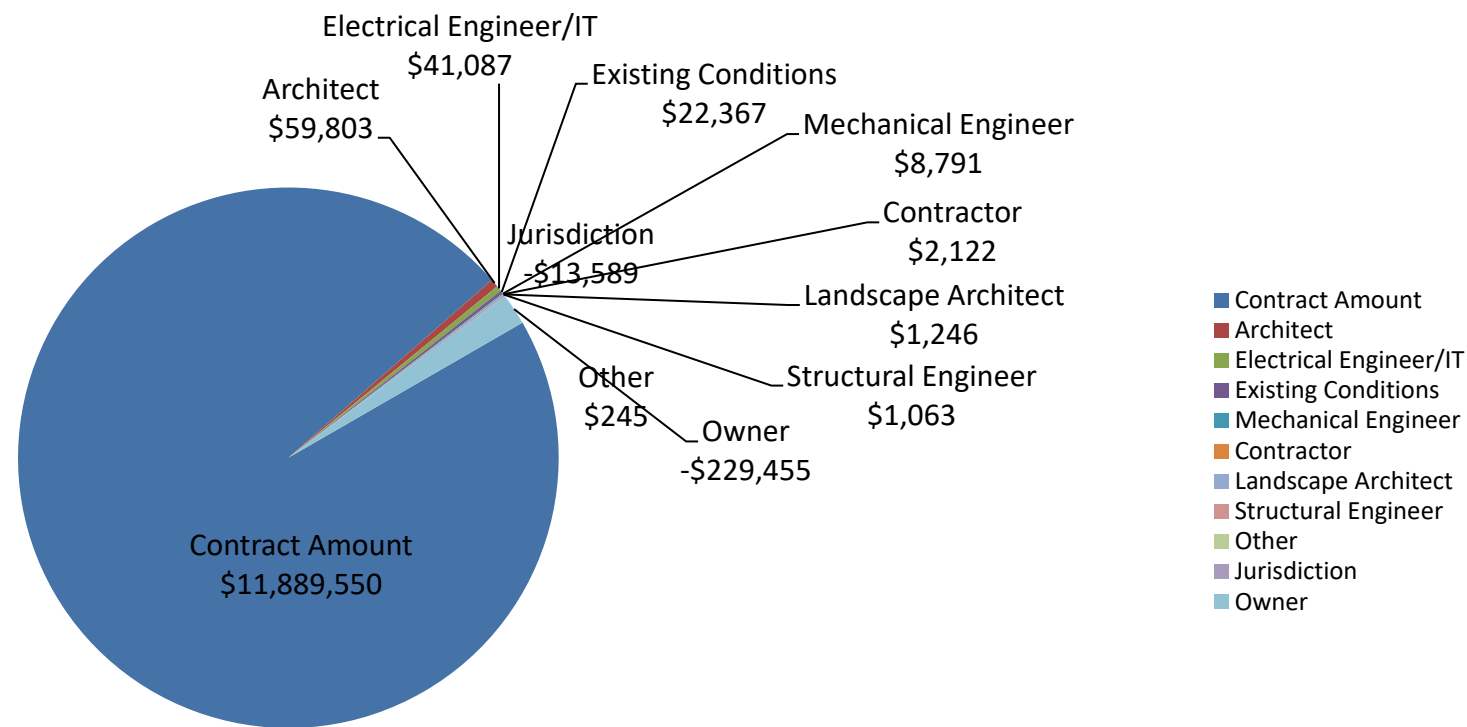
Ignacio Middle School CO Breakdown by % (Change Orders Only)





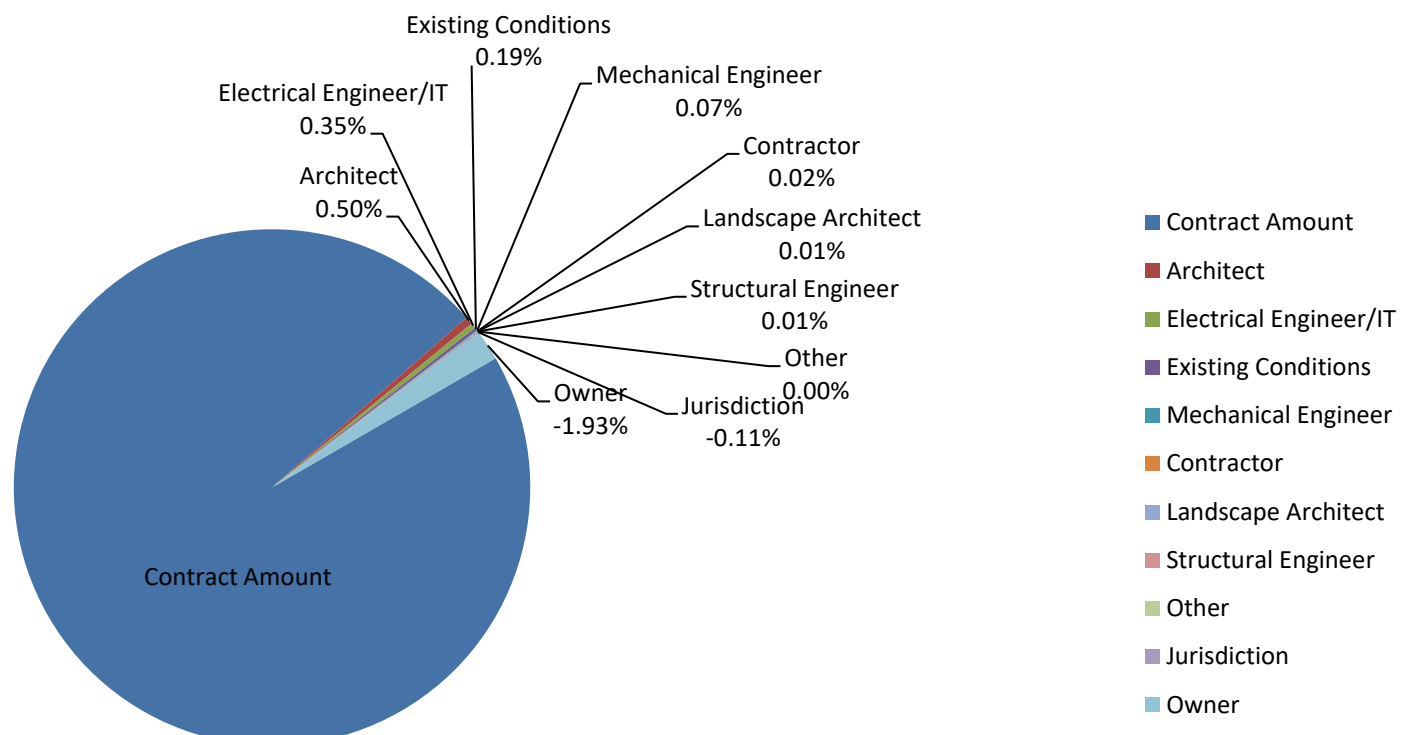
Client: Ignacio School District	Original Contract Amount: \$11,889,550
Project #: 11071	New Contract Amount: \$11,783,231
General Cont.: FCI Construction	Total % Change (COs Only): -0.90%
Const.Start Date: 10/21/2012	
Const. End Date: 9/31/2013	

Ignacio Middle School CO and Contingency by \$\$ (combined) Breakdown



Client: Ignacio School District	Original Contract Amount: \$11,889,550
Project #: 11071	Total Change/Contingency Orders: (\$106,319)
General Cont.: FCI Construction	New Contract Amount: -0.90%
Const.Start Date: 10/21/2012	Total % Change/Contingency Orders: -0.89%
Const. End Date: 9/31/2013	

Ignacio Middle School CO and Contingency by % (combined) Breakdown



Client: Ignacio School District
Project #: 11071
General Cont.: FCI Construction
Const.Start Date: 10/21/2012
Const. End Date: 9/31/2013

Original Contract Amount: \$11,889,550
Total Change/Contignency Orders: (\$106,319)
New Contract Amount: -0.90%
Total % Change/Contignency Orders: -0.89%

Change Order Breakdown



Project Name:	Ignacio Middle School
Client:	Ignacio School District
Project #:	11071
General Cont.:	FCI Construction
Const. Start Date:	10/21/2012
Const. End Date:	9/31/2013

Original Contract Amount:	\$11,889,550
Contract Contingency Amount:	

CO#	Item	Contingencies	Change Orders	Assigned To	Acoustic Engineer	Architect	Civil Engineer	Contractor	Electrical Engineer/IT	Existing Conditions	Jurisdiction	Landscape Architect	Mechanical Engineer	Other	Owner	Structural Engineer
1	COR 001, 500 Gallon Grease Trap		\$4,897.81	Jurisdiction							\$4,897.81					
	CO Totals:	\$0.00	\$4,897.81	\$4,897.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,897.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	COR 004 Lighting Control System		\$9,406.99	Electrical Engineer/IT					\$9,406.99							
	CO Totals:	\$0.00	\$9,406.99	\$9,406.99	\$0.00	\$0.00	\$0.00	\$0.00	\$9,406.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	COR 002 Temporary Electrical		\$12,387.82	Owner											\$12,387.82	
	COR 009 Automated Controls Reduction		(\$150,000.00)	Owner											(\$150,000.00)	
	CO Totals:	\$0.00	(\$137,612.18)	(\$137,612.18)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$137,612.18)	\$0.00
4	COR 012 Upgraded Scoreboard		\$1,736.00	Owner											\$1,736.00	
	COR 007 Changes to Electrical		\$13,044.00	Electrical Engineer/IT					\$13,044.00							
	COR 010 Snow Melt		\$27,172.00	Owner											\$27,172.00	
	COR 011 Fume Hood Fan		\$3,059.00	Mechanical Engineer									\$3,059.00			
	COR 013 Credit Moisture Barrier		(\$20,000.00)	Owner											(\$20,000.00)	
	COR 015 Misc Electrical		\$14,895.00	Electrical Engineer/IT					\$14,895.00							
	COR 016 MC in lieu of Conduit		(\$7,156.00)	Owner											(\$7,156.00)	
	COR 017 Joint Sealer at Polished Concrete		\$10,621.00	Owner											\$10,621.00	
	CO Totals:	\$0.00	\$43,371.00	\$43,371.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,939.00	\$0.00	\$0.00	\$0.00	\$3,059.00	\$0.00	\$12,373.00	\$0.00
5	COR 008 Floor Drains in Locker Rooms		\$1,746.18	Mechanical Engineer									\$1,746.18			
	COR 014 Restroom Relocation		\$13,052.68	Architect		\$13,052.68										
	COR 020 Addition Structural Steel		\$1,062.69	Structural Engineer												\$1,062.69
	COR 025 Delete Spare Conduit		(\$1,623.00)	Owner											(\$1,623.00)	
	COR 026 Kitchen utensils		(\$343.00)	Owner											(\$343.00)	
	COR 029 La Plata Electric Invoice		\$2,711.00	Jurisdiction							\$2,711.00					
	COR 030 Alternate 05 Electrical Credit		(\$24,600.00)	Owner											(\$24,600.00)	
	COR 031 Credit for Folding Glass Partition		(\$73,510.00)	Owner											(\$73,510.00)	
	COR 032 Revised Display Board Layout		\$3,237.27	Architect		\$3,237.27										
	COR 033 Extend Soffits		\$744.51	Architect		\$744.51										
	COR 034 Haul Excess Fill Dirt		\$21,294.84	Owner											\$21,294.84	
	COR 042 Resinous Flooring Base		\$1,039.17	Architect		\$1,039.17										
	COR 043 Delete Cach Drop Box		(\$685.00)	Owner											(\$685.00)	
	CO Totals:	\$0.00	(\$55,872.66)	(\$55,872.66)	\$0.00	\$18,073.63	\$0.00	\$0.00	\$0.00	\$0.00	\$2,711.00	\$0.00	\$1,746.18	\$0.00	(\$79,466.16)	\$1,062.69
6	COR 006 Relocate Fire Riser		\$14,161.07	Architect		\$14,161.07										
	COR 036 Kiln Power Supply		\$491.91	Electrical Engineer/IT					\$491.91							
	COR 047 Grill in Library		\$837.95	Architect		\$837.95										
	COR 049 Fencing at North Property Line		\$3,861.46	Owner											\$3,861.46	
	COR 50 One Way Glass		\$745.32	Owner											\$745.32	
	COR 051 Credit for Projection Screen		(\$2,700.00)	Owner											(\$2,700.00)	
	COR 54 La Plata Invoice		\$342.23	Jurisdiction							\$342.23					
	COR 057 Baby Changing Stations		\$319.42	Owner											\$319.42	
	CO Totals:	\$0.00	\$18,059.36	\$18,059.36	\$0.00	\$14,999.02	\$0.00	\$0.00	\$491.91	\$0.00	\$342.23	\$0.00	\$0.00	\$0.00	\$2,226.20	\$0.00
7	COR 035 Sewer Crossing		\$22,367.19	Existing Conditions						\$22,367.19						
	COR 037 Adjust WC in Restroom		\$798.56	Architect		\$798.56										
	COR 018 Monument Sign		\$5,669.55	Architect		\$5,669.55										
	COR 041 Ramero Street Credit		(\$25,990.00)	Jurisdiction							(\$25,990.00)					
	COR 44 Wall pads in Weight Room		\$5,499.42	Owner											\$5,499.42	
	COR 45 Revised Wall Framing		\$697.35	Architect		\$697.35										
	COR 46 Storefront and Louver connections		\$2,514.95	Architect		\$2,514.95										
	COR 048 Climbing Wall		\$1,437.40	Owner											\$1,437.40	
	COR 052 Header in Art Room		\$463.17	Architect		\$463.17										
	COR 55 Light Fixture in Work Room		\$612.22	Electrical Engineer/IT					\$612.22							
	COR 59 Credit for Gravel Parking Lot		(\$11,126.00)	Owner											(\$11,126.00)	
	COR 61 La Plata Electric Invoice		\$343.10	Jurisdiction							\$343.10					
	COR 062 Intercom System		(\$7,280.00)	Owner											(\$7,280.00)	
	COR 063 Gas Shut Off		\$2,125.22	Mechanical Engineer									\$2,125.22			
	COR 064 Gym Floor Logo		\$2,129.48	Owner											\$2,129.48	
	COR 68 Door Hardware B107		\$165.04	Owner											\$165.04	
	CO Totals:	\$0.00	\$426.65	Not all Values Assigned	\$0.00	\$10,143.58	\$0.00	\$0.00	\$612.22	\$22,367.19	(\$25,646.90)	\$0.00	\$2,125.22	\$0.00	(\$9,174.66)	\$0.00
8	COR 021 Door Hardware Clarifications		\$6,748.33	Architect		\$6,748.33										
	COR 066 Plenum Rating for Solatubes		\$2,122.03	Contractor				\$2,122.03								
	COR 071 La Plata Invoice		\$221.55	Jurisdiction							\$221.55					
	COR 072 Flooring in Nurses Office		\$802.32	Owner											\$802.32	
	COR 073 Signage Required by Fire		\$3,884.88	Jurisdiction							\$3,884.88					
	COR 075 Back Plates for Signs		\$231.05	Architect		\$231.05										
	CO Totals:	\$0.00	\$14,010.16	\$14,010.16	\$0.00	\$6,979.38	\$0.00	\$2,122.03	\$0.00	\$0.00	\$4,106.43	\$0.00	\$0.00	\$0.00	\$802.32	\$0.00
9	COR 70 Closure at CMU and roof		\$2,683.84	Architect		\$2,683.84										
	COR 76 Concrete slab at tables		\$3,004.51	Owner											\$3,004.51	
	COR 78 La Plata Electric		\$134.21	Other										\$134.21		
	COR 79 Data Drops		\$2,711.90	Owner											\$2,711.90	
	COR 80 Gutter Snow Melt		\$2,178.46	Owner											\$2,178.46	
	COR 81 Water pipe in science		\$835.74	Architect		\$835.74										
	COR 82 Electrical adds		\$2,637.37	Electrical Engineer/IT					\$2,637.37							
	COR 83 Mirrors in weight room		(\$980.00)	Owner											(\$980.00)	
	COR 84 Custom light fixture		(\$5,000.00)	Owner											(\$5,000.00)	
	COR 85 Locks for restrooms		\$606.90	Owner											\$606.90	
	COR 86 Brak metal at Clerestory		\$2,874.81	Architect		\$2,874.81										

Change Order Breakdown



Project Name:	Ignacio Middle School
Client:	Ignacio School District
Project #:	11071
General Cont.:	FCI Construction
Const. Start Date:	10/21/2012
Const. End Date:	9/31/2013

Original Contract Amount:	\$11,889,550
Contract Contingency Amount:	

CO#	Item	Contingencies	Change Orders	Assigned To	Acoustic Engineer	Architect	Civil Engineer	Contractor	Electrical Engineer/IT	Existing Conditions	Jurisdiction	Landscape Architect	Mechanical Engineer	Other	Owner	Structural Engineer
	COR 87 Milk Cooler		(\$2,093.08)	Owner											(\$2,093.08)	
	COR 88 Soffit framing		\$941.16	Architect		\$941.16										
	COR 89 LPEA Invoice		\$108.73	Owner											\$108.73	
	COR 90 Break metal at openings		\$2,272.17	Architect		\$2,272.17										
	COR 91 Irrigation tie-in		\$1,245.75	Landscape Architect								\$1,245.75				
	CO Totals:	\$0.00	\$14,162.47	\$14,162.47	\$0.00	\$9,607.72	\$0.00	\$0.00	\$2,637.37	\$0.00	\$0.00	\$1,245.75	\$0.00	\$134.21	\$537.42	\$0.00
10	COR 92 Lock down button		\$1,146.00	Owner											\$1,146.00	
	COR 93 EM lighting and keyed switch		\$1,137.00	Owner											\$1,137.00	
	COR 96 Automated controls		(\$21,424.00)	Owner											(\$21,424.00)	
	COR 94 Maxi filter vent		\$264.00	Mechanical Engineer									\$264.00			
	COR 95 LPEA Invoice		\$111.00	Other										\$111.00		
	COR 97 High temp sprinkler head		\$1,597.00	Mechanical Engineer									\$1,597.00			
	CO Totals:	\$0.00	(\$17,169.00)	(\$17,169.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,861.00	\$111.00	(\$19,141.00)	\$0.00
	Totals:	\$0.00	(\$106,319.40)	(\$106,319.40)	\$0.00	\$59,803.33	\$0.00	\$2,122.03	\$41,087.49	\$22,367.19	(\$13,589.43)	\$1,245.75	\$8,791.40	\$245.21	(\$229,455.06)	\$1,062.69



Request for Information 001

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 001

Date Created: 10/22/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Soil section at the playing field	Civil	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 10/29/2012**

Per specification section 32 9113-3.3-A the soil shall be prepared to a depth of 6" minimum at all sod areas. Please provide specifications for placement / compaction of native fill materials below the 6" specified in 32 9113.

Suggestion

Answer **Date Answered:**

Compact to 90% standard proctor

10-23-12



Request for Information 002

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Tel: 970-259-8644 Fax: 970-259-8633
Ignacio, CO 81137

RFI #: 002 Date Created: 10/23/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Contains details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Subject Discipline Category
Bullnose edge on CMU block Architectural

Cc: Company Name Contact Name Copies Notes

Question Date Required: 10/30/2012

Per specification section 04 8100 2.2-A-2, we are to provide bullnose-edged units for all exposed outside corners, unless otherwise indicated.

- 1) Please advise if this applies to both interior and exterior conditions.
2) There are several details on sheets A605 and A606 that do not indicate bullnose edges but the bullnoses are shown on similar details (i.e. bullnose is shown on 6/A605- Window - Alum Jamb at CMU but it is not shown at 9/A605- Window ALum Jamb at EIFS).

Suggestion

Answer Date Answered:

1) Use bull nose for all interior and exterior sill and jamb locations. IE details 7 and 9/A605 should have bullnose corners.
2) Note that sill details 4, 7, and 21/A605 should show an inverted lintel block (no exposed core) at the sill.
Rick J. Taves
10/23/12



Request for Information 003

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 003

Date Created: 10/24/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Existing Wooden Barn Removal	Civil	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 10/31/2012**

There is an existing wood barn west of the existing rental house that is to remain (see attached for location). C101 has this building labled with Key Note #9, Existing Structure to be removed and disposed of. Per onsite conversation with Rocco Fuschetto on 10/24/2012 this structure was to remain. Please advise.

Suggestion

Answer **Date Answered:**

Wood barn shall be removed per contract documents. Coordinate removal of owner material with Brandon Hatter prior to demolition. Rocco has been consulted and agrees with this direction.

Rick J. Taves
10/30/2012



Request for Information 004

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Tel: 970-259-8644 Fax: 970-259-8633
Ignacio, CO 81137

RFI #: 004 Date Created: 10/25/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Light Fixtures Conflict w/ Ceiling Type on E121. Discipline: Electrical. Category: Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/1/2012

RE: E121, E504, and AC111

There are (9) "A2" fixtures shown in Hall B120. Per the Fixture Schedule on E504, an "A2" fixture is a 2X4 Led Recessed Flange Fixture to be installed in a drywall ceiling. These fixtures appear in Both AC111 and E121 to be 2X2 fixtures in 2X4 acoustic ceiling system. Please advise.

Suggestion

Answer Date Answered:

Fixture designation is incorrect. Should be 'A3'...2x2 for recessed installation. MEE/TC/2012-10-31



Request for Information 005

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 005 Date Created: 10/25/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent Author RFI Number

Subject	Discipline	Category
Light Fixtures conflict w/ Ceiling Type on E122	Electrical	Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/1/2012

RE: E122, E504, and AC112

- 1) In room SS A108 on sheet E122, there are (2) type "A2" fixtures (2X4 LED Recessed Flange Fixture to be installed in a Drywall Ceiling). Per E122 and AC112 these appear to be 2X2 fixtures. Please advise.
- 2) In room A110 on sheet E122, there are (5) Type "A2" fixtures (2X4 LED Recessed Flange Fixture to be installed in a Drywall Ceiling). Per AC112 the ceiling in this area is 2x4 acoustical ceiling grid. Please advise.
- 3) In conference room A115 on sheet E122, shows (1) type "A2" fixture (2X4 LED Recessed Flange Fixture to be installed in a Drywall Ceiling) and (3) type "A3" fixtures (2x2 LED recessed Grid Fixture). Please advise.

Suggestion

Answer Date Answered:

1) Incorrect designation. Should be A4. 2x2 flanged.
 2) All fixtures should be A3. 2x2 layin.
 3) All fixtures should be A3. 2x2 layin.
 MEE/TC/2012-10-31



Request for Information 006

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Tel: 970-259-8644 Fax: 970-259-8633
Ignacio, CO 81137

RFI #: 006 Date Created: 10/25/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Light Fixture Type A1, Discipline: Electrical, Category: Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/1/2012

Light Fixture Type A1 is shown using three different symbols on the lighting drawings E121, E122, and E123. Please confirm the same fixture is used regardless of the symbol on the drawings. See attachment.

Suggestion

Answer Date Answered:

Fixture symbols are "Revit" models from the manufacturer. Agree that it is confusing and have created a symbol for future plans that is consistent. Sorry for confusion. All A1's are A1...regardless of icon. MEE/TC/2012-10-31



Request for Information 007

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Tel: 970-259-8644 Fax: 970-259-8633
Ignacio, CO 81137

RFI #: 007 Date Created: 10/25/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Light fixture by Monument Sign, Discipline: Electrical, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/1/2012

Re: E101

The light fixture south east of the monument sign was shown as a Type S3 on the BID SET, it is now shown as a Type S2 on the REVISED SET. Please advise.

Suggestion

Answer Date Answered:

Incorrect designation on Revised Set. Should be Type S3 as per original. MEE/TC/2012-10-31



Request for Information 008

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 008

Date Created: 10/26/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Crusher Fines Paving	Civil	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/2/2012**

Re: L3.2 and Specification section 32 1540

1) Please verify the crusher fines / cinder track, per detail 6/L3.2, shall be installed per specification section 32 1540 "Crusher Fines Paving".

2) Details 6/L3.2 and 8/L3.2 call for a 5" depth of crusher fines, 32 1540-3.6 states compacted trail shall be a minimum of 6" deep. Please verify depth of crusher fines to be 6" per the specification.

Suggestion

Answer **Date Answered:**

Crusher fines path per specifications shall be 6" deep.

Rick J. Taves

10/26/12



Request for Information 009

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 009 **Date Created: 10/26/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
SC-2 Clarification	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 11/2/2012**

Re: I001, I111, I112, and I113

SC-2 is called for at the storage and mechanical rooms on sheets I111, I112, and I113. Per I001 SC-2 is noted under style as integral color, there is no integral color included in the cast in place concrete specifications. Please provide a specification for SC-2.

Suggestion

Answer **Date Answered:**

SC-2 only applies to "Alternate inset tile at breakout areas".
All other sealed concrete floors shall be SC-1. Areas noted on the I drawings as SC-2 shall be changed to SC-1.

Rick J. Taves
10/26/12



Request for Information 010

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 010

Date Created: 10/29/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Elevations for spot footing in commons	Architectural/Structural	

Cc: Company Name	Contact Name	Copies	Notes
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Question Date Required: 11/5/2012

Please provide top of footing elevations for the the spot footing at gridline intersections listed below:

- XX/FF-
- XX/GG-
- XX/KK-
- XX/LL-
- YY/LL-

Suggestion

Answer Date Answered:

The top of footing elevation at the locations noted above is 8" below the top of concrete slab (per Detail 11/S001 - Typical Column Footing Detail) so the top of footing elevation is 99'-4".

Steve Horner, HCDA Engineering, October 12, 2012



Request for Information 011

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 011

Date Created: 10/29/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Piping penetrating stem walls and footings	Architectural/Structural	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/5/2012**

Please advise if acceptable to penetrate the stem walls and footings for plumbing and electrical piping. Plumbing to be sleeved as specified per 220500-3.1-O.

Suggestion

Answer **Date Answered:**

It is acceptable to penetrate the foundation walls and footings. Prior to installation the location, spacing, size, and elevation of the penetrations shall be provided to HCDA Engineering for analysis.

Steve Horner, HCDA Engineering, October 12, 2012



Request for Information 012

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 012

Date Created: 10/31/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Clarification of native soil prep below slabs and foundations		

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/7/2012**

-Per the first paragraph of section 7.3 of the soils report from Western Technologies, " Any soft, loose, or otherwise unstable deposits should be removed from the base of the overexcavations".

-Specification section 31 2000, 3.14-A says to uniformly moisten or aerate subgrade and each subsequent fill or backfill layer before compaction to optimum to 3% over optimum moisture content for clay soils.

-Per specification section 31 2000, 3.15-C-2, under footings excavate to approved natural soils, in fill condition, compact fill to 98 percent.

-Per specification section 31 2000, 3.15-C-3, under footings excavate to approved natural soils, in fill condition, compact fill to 95 percent.

-Per specification section 31 2300 3.05-B-1, Subgrade to be compacted to 90% per ASTM D 1557.

Please clarify how the native subgrade material shall be conditioned, compacted, and tested (i.e. proctor method (ASTM 698 or 1557), percent compaction, and required moisture range for in-place density determined by a nuclear density gauge) prior to the structural fill being placed.

Suggestion

Answer **Date Answered:**

These question all need to be answered by the testing lab hired by the Owner. All sub grade conditions, compaction percentages and existing soils acceptance will be through the testing agency.

Rick J. Taves

11-1-12



Request for Information 013

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 013

Date Created: 10/31/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Water closets in A103, A104, C112, and C114	Plumbing	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/7/2012**

The water closets in A103, A104, C112, and C114 are shown as P-1F (floor mounted water closets). The chase wall and the way the piping is shown makes this seem as if these should be wall hung water closets. Please verify the P-1F water closets are desired at these locations.

Suggestion

Answer **Date Answered:**

The intent was for these fixtures to be the wall mounted fixtures P-1 and P-1A shown on the plumbing schedule. They are the same fixture just mounted at ADA and non-ADA heights. The ADA water closet would be installed in the stall shown with grab bars. DS 11-01-12



Request for Information 014

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 014 **Date Created: 10/31/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Footings added per AD2-S1	Architectural/Structural	

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 11/7/2012**

Addendum #2, AD2-S1, added (2) F1 footings. Please provide dimensions off of grid lines to locate these footings.

Suggestion

Answer **Date Answered:**



Request for Information 014

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 014

Date Created: 10/31/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Footings added per AD2-S1	Architectural/Structural	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/7/2012**

Addendum #2, AD2-S1, added (2) F1 footings. Please provide dimensions off of grid lines to locate these footings.

Suggestion

Answer **Date Answered:**

See attached for dimensions.

Steve Horner, HCDA Engineering, November 2, 2012



Request for Information 015

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644

FCI Constructors, Inc. - Durango
Fax: 970-259-8633

RFI #: 015

Date Created: 11/1/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Waste line to Tech classroom B124	Plumbing	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/8/2012**

Addendum #2, Sketch AD2-P1 shows a 4" sanitary line extending north out of the kitchen areas to pick up the sinks in Tech classroom B124. A 4" line is also shown in the kitchen areas on sheet P112 however addendum #1 told us to ignore the piping shown on this page and reference P401 for piping in this area.

Sheet P401 shows a 2" sanitary line where the previously noted pages call for a 4" line. Please advise.

Suggestion

Answer **Date Answered:**

The 4" shown on addendum #2 sketch AD2-P1 is incorrect. This should be a 2" line. Connect this line to the cleanout shown on sheet P-401 north of Custodial Office B123. This line becomes the 4" (now 2") shown on AD2-P1 and continues south through the kitchen at the dimensions shown on P-401. DS 11-01-12



Request for Information 016

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Tel: 970-259-8644 Fax: 970-259-8633
Ignacio, CO 81137

RFI #: 016 Date Created: 11/1/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Condensate drains to daylight, Discipline: Plumbing / Civil.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/8/2012

- 1) P111 shows a 3/4" condensate drain in the northwest corner of PE Storage B114 that is to drain to below grade and route to daylight...
2) P112 shows a 1" condensate drain, to drain down below grade and route to daylight. Terminate with insect screen.
3) Please verify that there are no requirements for frost protection on condensate drain that drain to the exterior.

Suggestion

Answer Date Answered:

- 1) Route the condensate drain down on the inside of the wall exposed in the corner. Route through the wall at 6" a.f.f. Terminate on the outside of the wall with an immediate elbow pointing down. Provide an escutcheon on both sides of the wall. The estimated disposal volume is 0.29 gallons/hour.
2) Move the condensate line approximately 8' east to the sheet metal roof downspout. Tap into the back downspout at a location above the ceiling. Provide an escutcheon on the outside of the wall at pipe penetration. The estimated disposal volume is 0.96 gallons/hour.
3) Frost protection will not be required on any of the condensate lines.
Dustin Sullivan 11-09-2012



Request for Information 017

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
 222 CR 320
 Ignacio, CO 81137

Project # 40-12-016
 Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 017 **Date Created: 11/2/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Native subgrade prep	Civil/Structural	

Cc:	Company Name	Contact Name	Copies	Notes

Question **Date Required: 11/9/2012**

Per Rick Taves response to RFI012, requesting clarification of subgrade compaction and testing requirements dated 11-1-12, "These question all need to be answered by the testing lab hired by the owner. All subgrade conditions, compaction percentages and existing soils acceptance will be through the testing agency".

Based on this response Trautner Geotech has made the following recommendations:

It is my understanding that the architect has asked that we provided the response to this RFI. As we discussed earlier my suggestions is to use the modified Proctor (ASTM D1557) test as a basis for all relative compaction testing with the following criteria;

85% relative compaction under landscaped and other areas where no structures or structural components (sidewalks etc...) will be placed

90% relative compaction for all other areas, slabs, sidewalks, footings etc... the moisture content should be between -2% and +3% of optimum moisture for cohesive (clay or silt) soils. granular soils are not a concern in regard to moisture as long as the density is being achieved. If the 3% above optimum is exceeded, but the compaction results are above the specified amount we can discuss the particular area and decide in the field whether there is an issue that needs to be addressed on an areas specific basis. The minimum moisture must be achieved for clay soils to reduce the potential for future swell potential of the clay soils.

90% relative compaction for subgrade soils under asphalt paved areas with the same criteria as discussed in the previous paragraph

95% relative compaction for all aggregate materials supporting asphalt concrete pavement.

These are typical recommendation I have made on numerous projects throughout western Colorado and the Four Corners Region for about 30 years. These criteria are relatively easy to achieve by the contractor with proper guidance from our technicians in regard to moisture and lift thickness and have proven to provide excellent support for pavement, flatwork and footings.

Please verify this is acceptable.

Suggestion

Answer

Date Answered:

Goff Engineering & Surveying, Inc.

Based upon the above recommendations, Goff concurs for the civil work for this project. This meets or exceeds the recommendations from the geotechnical report prepared by Western Technologies.

By: Bruce Honisch Date: Nov. 6, 2012



Request for Information 018

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320
Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 018

Date Created: 11/8/2012

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Exterior Mock Up		Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 11/15/2012**

Re: Spec Section 014000 1.2-C

Requires an exterior Mock Up.

Please provide drawings of what is required.

Suggestion

Answer **Date Answered:**

See ASI 11 that will be issued today
Rick J. Taves
12/7/12



Request for Information 019

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 019 **Date Created: 11/13/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Grease Trap	Plumbing	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 11/20/2012**

Per conversation between Dustin Sullivan of ME & E Engineering and Daryl Tomberlin from JT Plumbing, the grease trap size shall be increased from the specified 500gal to 1000gal. Please verify.

Suggestion

Answer **Date Answered:**

The current 500 gallon model is sized per the requirements of 2006 IPC which complies with the requirements of the San Juan Basin Health; however, Gail Elmore with SJBH has asked us to use a minimum of 800 gallons. The next available precast concrete model is 1000 gallons. Please provide the 1000 gallon tank.
DS 11-14-12



Request for Information 020

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 020 Date Created: 11/13/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: USB Ports, Architectural/Electrical, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/20/2012

The electrical drawings call for USB ports in the classrooms and various other rooms. Is there a specification for this device? How are these ports being wired?

Suggestion

Answer Date Answered:

Discussed with Brian Crane (District IT). Ports to be USB A/B Cable- USB 2.0. MEE 2012/01/26. (Note: Exact connection depends on District selected short arm projectors.)



Request for Information 021

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 021 Date Created: 11/19/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Rebar Detail, Structural, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 11/26/2012

Per Sheet S001: Detail 9 on Sheet S001 has #4 Verts at 48" O.C. with STD hooks alternating directions. It also shows (1) #5 Continuous on just one side of the hooks. Question: Should we add another Continuous #4 or #5 to help support the #4 at 24" O.C. transverse bars? Please advise.

Suggestion

Answer Date Answered:

The vertical leg of the #4 dowels may be on alternating sides of the continuous #5, to keep the #5 inside the hooks. Structurally, additional longitudinal reinforcement is not required, but may be added to aid in supporting the transverse reinforcement - this is the contractor's option. "Dobie" blocks or chairs may also be used to support the transverse bars.

Steve Horner, HCDA Engineering
November 20, 2012



Request for Information 022

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 022 Date Created: 11/26/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Drainage swale north of transformer, Discipline: Civil.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/3/2012

Sheet C103 shows shows a trench drain north of the new transformer, called out as keyed note #31.
1) Keyed note 31 on sheet C103 refers us to sheet C107.1 for a typical detail, please verify this is to be C109.1 in lieu of C107.1.
2) The typical trench drain with grate detail on C109.1 shows the overall width of this drain to be 2'-0". AS400 shows this grate to be 3'-6" wide. Please verify trench drain shall be constructed as shown on C109.1.
3) Please provide a detail showing how trench drain is to pass thru the concrete foundation wall / CMU wall east of transformer.

Suggestion

Answer Date Answered:

Goff Engineering & Surveying, Inc.
1. Keynote 31 of Sht C103 should reference Sht C109.1 for the typical grate detail.
2. The trench drain detail shown on Sht C109.1 should be used for construction of the trench drain.
By: Bruce Honisch date: Nov. 28, 2012

3) The top of foundation wall may be held down per Detail 5/S001. Provide 16" deep bond beam in bottom of masonry wall to span over blockout - reinforce with 2-#5. Steve Horner, HCDA, 11/28/12



Request for Information 024

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 024 **Date Created: 11/28/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Phone and Fiber conduits	Electrical	

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 12/5/2012**

Per keyed note #3 on sheet E101 we are to provide (3) 1-1/2" conduits (1) phone, (1) fiber, and (1) spare.

Per a phone conversation with Tim Lewis from Century Link on 11/28/2012, Century link needs a 4" conduit for the phone line. Per the attached email from Rocco Fuschetto dated 11/28/2012 fast track is recommending a 2-1/2" innerduct for the fiber.

Please advise.

Suggestion

Answer **Date Answered:**

Per Communications Meeting with Fast-track, District and MEE on 2012-12-05:

- 1) Revise KN #3 and related notes 5, 6 (E102) to two (2) 2.5"-Innerduct Schedule 40 PVC conduits for fiber. Delete phone conduit.
- 2) Per notes #5 and 6, grade level boxes called for at 150'. One grade level box must be located at changes of direction.
- 3) Revise KN #3 (E101) to two (2) 2.5" Innerduct Schedule 40 PVC for fiber optic cable. One (1) 4" PVC for phone.

Fiber cable to be installed by D.B. Technologies contracted to District.
 Cummins
 2012-12-11



Request for Information 026

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 026 Date Created: 11/28/2012

Answer Company Answered By Author Company Authored By
RTA Architects Rick Taves FCI Constructors, Inc. - Durango Bryan Gadd
19 South Tejon Street, Suite 300 186 Moose Lane
Colorado Springs, CO 80903 Durango, CO 81303

Co-Respondent Author RFI Number

Subject Discipline Category
Rigid insulation at interior of foundation walls Architectural

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/5/2012

Details 3, 18, 26, and 28/A500 appear to show rigid insulation on the interior side of the foundation wall at doorways although it is not called out. Please advise the extent of this insulation on the interior side of the foundation wall.

Suggestion

Answer Date Answered:

Ridged insulation is only required at the exterior of the foundations.

Rick J. Taves
11/30/12



Request for Information 027

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 027 Date Created: 11/30/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Fire Riser, Fire Protection, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/7/2012

D1/P401 shows the fire riser to run below the slab and come up in the south west corner of Mechanical Room B122, this is approximately 60 feet from the exterior wall of the building. Please verify this is acceptable per the NFPA codes (see attached section from the code).

Suggestion

Answer Date Answered:

The 6" ductile iron line will need to come up inside the north wall of Tech Classroom B124 and route overhead to the fire riser location. See interior elevation #18 on sheet A426. The line will be routing through the counter top somewhere west of the peg board panel. Paint exposed pipe per architect. DS 12/12/12.

6" fire line can rise in the vent chase behind the sink at the north west corner of the room. Rick J. Taves 12/13/12



Request for Information 027

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 027 **Date Created: 11/30/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Fire Riser	Fire Protection	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 12/7/2012**

D1/P401 shows the fire riser to run below the slab and come up in the south west corner of Mechanical Room B122, this is approximately 60 feet from the exterior wall of the building. Please verify this is acceptable per the NFPA codes (see attached section from the code).

Suggestion

Answer **Date Answered:**

Locate the fire riser in the southeast corner of Storage A121 near the current fire department connection. The 4" fire department connection line previously routing to the old fire riser location in the boiler room now becomes the main. Relocate the domestic water entry assembly to this same location. See attached sketch.
 DS 01-03-12



Request for Information 027

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 027 Date Created: 11/30/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Fire Riser, Fire Protection, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/7/2012

D1/P401 shows the fire riser to run below the slab and come up in the south west corner of Mechanical Room B122, this is approximately 60 feet from the exterior wall of the building. Please verify this is acceptable per the NFPA codes (see attached section from the code).

Suggestion

Answer Date Answered:

Fire line will be relocated to A121. ASI to follow.
Rick J. Taves
12/20/12



Request for Information 028

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 028 **Date Created: 12/1/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Bullnose CMU	Architectural/Structural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 12/8/2012**

Please see attachment for RFI questions.

Suggestion

Answer **Date Answered:**

See answers below.

Rick J. Taves

12/3/12



Request for Information 029

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 029 Date Created: 12/3/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Subject Discipline Category
Panels C2, MC2, D1, and MD1 Architectural/Electrical

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/10/2012

- 1) Sheet E112 shows panels C2 and MC2 on the west wall of Breakout C100A... Panels shall be recessed. Move panels to the south to avoid conflict with the L window.
2) Per A112 there is to be a type L window installed above panels C2 and MC2... Move panels to the south to avoid conflict with the L window.
3) Sheet E113 shows panels D1 and MD1 on the west wall of Breakout C110A... Panels shall be recessed. Move panels to the south to avoid conflict with the L window.
4) Per A113 there is to be a type L window installed above panels C2 and MC2...

Suggestion

Answer Date Answered:



Request for Information 030

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School 222 CR 320 Ignacio, CO 81137	Project # 40-12-016 Tel: 970-259-8644 Fax: 970-259-8633	FCI Constructors, Inc. - Durango
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RFI #: 030	Date Created: 12/3/2012
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Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Damproofing at masonry veneer	Architectural	

Cc: Company Name	Contact Name	Copies	Notes

Question	Date Required: 12/10/2012
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Details 1, 6, and 8/A500 show the damproofing and the rigid insulation on the foundation wall to be continuous from the footing onto the veneer below grade. Please advise if acceptable to stop the damproofing and insulation at the brickledge to allow the foundation to be backfilled prior to the block being placed.

Suggestion

Answer	Date Answered:
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Apply damproofing continues on to the brick ledge and up to edge of wall plate. Ridged insulation can be terminated at brick ledge.

Rick J. Taves
12/4/12



Request for Information 031

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 031 Date Created: 12/4/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Gym Floor Boxes, Electrical, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/11/2012

Drawing E111 shows two 2-gang floor boxes being installed in the wood gym floor. The specifications call for Wiremold RFB floor boxes. We do not believe the RFB floor box will accommodate the flexing typically found with wood gym floors.

Suggestion

Answer Date Answered:

Advantage of 880W series is bottom knock out that allows flex conduit connection to box and more flex in assembly over the RFB (typically side feed.) 880W is a better application in this project. MEE 2012-12-07



POST OFFICE BOX 468 • DURANGO, COLORADO 81302 • 970-247-3134
128 STEWART S. • DURANGO, COLORADO 81301 • FAX 970-247-3869

FCL Constructors, Inc.
186 Moose Lane
Durango, CO 81303

November 2, 2012

Attn: Troy Summers

Re: Ignacio Middle School
Ignacio, CO

REQUEST FOR INFORMATION

Drawing E111 shows two 2-gang floor boxes being installed in the wood gymnasium floor. The specifications call for Wiremold RFB floor boxes. We do not believe the RFB floor box will accommodate the flexing typically found with wood gym floors. On previous projects we have installed wood floor boxes similar to Wiremold 880W series. These will require a block-out in the concrete sub-floor which will allow for a flexible transition to the 880W box which is fastened to the wood floor. Please refer to the attached sketch.

If you have any questions as to the above proposal, please call us at our Durango, Colorado Office **970-247-3134**. Our Fax number is **970-247-3869**.

Respectfully Yours:

Thom Mosko
Nichols Electric Inc.



Request for Information 032

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 032 Date Created: 12/7/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Piping in Tech Classroom and Plumbing/Architectural.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/14/2012

P115 shows a cold water pipe, a hot water pipe, and hot water return pipe supplying water to the P-11 sink on the west wall and a P-4 sink on the north wall of Tech Classroom B124. Please advise if this piping to be ran exposed below the ceiling or is a chase is required.

Suggestion

Answer Date Answered:

Piping to run above ceiling.
Piping for the P-11 sink can be run down the masonry wall.
Provide a framed vertical chase on the north wall from east edge of window 22 to the east wall. Cancel piping in the chase.
Rick J. Taves
12/7/12



Request for Information 033

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 033 **Date Created: 12/7/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Gas to fume hood in Prep B109A	Plumbing	

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 12/14/2012**

Per the fume hood specification, section 11 5313 - 2.01B, the fume hood is to have gas. Sheet P114 does not show gas piping to the fume hood. Please advise if gas piping is required to the fume hood.

Suggestion

Answer **Date Answered:**

Provide a 3/4" gas line connection to the fume hood. Provide drip leg and gas isolation valve prior to connection. Provide 1/2" cold water line connection as well. Provide a ball valve prior to connection. DS 12-08-12.



Request for Information 035

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 035 **Date Created: 12/7/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Dimensions to floor boxes	Architectural/Electrical	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 12/14/2012**

Re: sheets E111, E112, and E113

Please provide dimensions to floor boxes in rooms: Gymnasium B100; Stage B101; Library A122; Special Ed C116; Flex C117; Distance Learning C118.

Suggestion

See the attached sketches RFI 35 A-1, A-2, A-3, and A-4 for electrical floor box locations.

Scott Schuster

01/07/13



Request for Information 035

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 035 Date Created: 12/7/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Dimensions to floor boxes and Architectural/Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/14/2012

Re: sheets E111, E112, and E113
Please provide dimensions to floor boxes in rooms: Gymnasium B100; Stage B101; Library A122; Special Ed C116; Flex C117; Distance Learning C118.

Suggestion

See the attached sketches RFI 35 A-1, A-2, A-3, and A-4 for electrical floor box locations.
Scott Schuster
01/07/13

See the attached sketches for Revised RFI 35 A-4.
Scott Schuster
01/07/13



Request for Information 036

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 036 Date Created: 12/10/2012

Answer Company Answered By Author Company Authored By
RTA Architects Rick Taves FCI Constructors, Inc. - Durango Bryan Gadd
19 South Tejon Street, Suite 300
Colorado Springs, CO 80903 Durango, CO 81303

Co-Respondent Author RFI Number

Subject Discipline Category
Floor sinks in the kitchens. Plumbing/Architectural

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/17/2012

Please verify the floor sinks in the kitchen areas shall be installed as shown on the food service drawings in lieu of what is shown on the plumbing drawings.

Suggestion

Answer Date Answered:

I agree, floor sink layout should be per FS-301. We try and follow the food service consultants lead. Ben's new layout will actually reduce pipe.
Thanks,
Dustin



Request for Information 037

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 037 **Date Created: 12/10/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Floor drains in the locker rooms	Plumbing	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 12/17/2012**

Per P111 the only floor drains in Girls B111 and Boys B113 are in the showers, please verify no other floor drains are necessary in the the locker rooms.

Suggestion

Answer **Date Answered:**

Floor drains in the locker rooms are desired. ASI to follow

Rick J. Taves
12/20/12



Request for Information 041

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 041 **Date Created: 12/12/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart
Co-Respondent	Author RFI Number		

Subject	Discipline	Category
Spray Foam	Architectural/Structural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 12/19/2012**

Sheet G002 wall type WM (X)-2E-MTL1, WC (X)-E, WCP (X), WM (X) 3E-MTL2 and WS (X)-E

The sections calls for a fluid applied air and moisture barrier, then 2" of spray foam then a sheet air and moisture barrier.
The spray foam is an air and moisture barrier.

Is it necessary to spray the air and moisture barrier on the gyp sheathing behind the spray foam?

Suggestion

Answer **Date Answered:**

Yes it is necessary to spray the air and moisture barrier on the gyp sheathing behind the spray foam.

Rick J. Taves
12/11/12



Request for Information 042

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 042 **Date Created: 12/12/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Insulation behind Stucco Walls	Architectural/Structural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 12/19/2012**

Sheet G002 wall type WS (X)-E

The section calls for 2" of spray foam behind the stucco or plaster walls. The spray foam cannot be rasped and will be very irregular in thickness. This application will be very difficult for a lath and stucco application.

Can we use a 2" rigid insulation board in lieu of the spray foam?

Suggestion

Answer **Date Answered:**

2" ridged foam is acceptable.

Rick J. Taves

12/11/12



Request for Information 044

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 044 Date Created: 12/14/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Phone / Fiber Grade level boxes, Discipline: Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/21/2012

Keynote #4 on sheet E101 specifies Quazite PG2424HA00 grade level boxes.
-Please verify the phone and the fiber shall be in the same box.
-Please advise if the specified box is adequate due to the conduit size being increased per the response to RFI 024.
-We are planning on installing removable end banks on the 2-1/2" inner duct at the grade level boxes, please advise if acceptable.

Suggestion

Answer Date Answered:

District is in process of selecting fiber optic installer. Based on discussion with FO installer, preferred method of installation is radius sweep up through bottom of box. As such, 24 x 24 x 24 box is sufficient but depth of bury for conduit will need to increase to 30". Bottom (open) to be filled with 6" gravel. Phone and fiber in same box. MEE 2013-01-17



Request for Information 045

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 045 Date Created: 12/15/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row 1: Sheet E112 and E113 changes to For Construction Drawings, Electrical

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/22/2012

Re: Sheet E112 of the for construction drawings.

1) Keynotes 25, 26, and 27 have been added to this drawing, these were not included in Addendum #2 dated 9/14/2012. Please advise.

2) Keynote #24 is called out just south of Breakout C100A. Per Addendum #2, AD2-E7, #35, "Key Note #24 is for each of the data floor boxes located in the Library Room A122 and the Stage Room B101". Please advise.

Re: Sheet E113 of the for construction drawings

3) Keynotes #11 and #12 are called out at the south west corner of Breakout C110A, and noted as being part of Addendum 2. These were not included in Addendum #2 dated 9/14/2012, Please advise.

General Question

4) Please advise if any other additional changes were made to the for construction drawings that were not included in the addendums.

Suggestion

Answer Date Answered:

Keyed notes have not been added. They were included in original addenda. Unfortunately, "Revit" re-numbered keyed notes. Attached is a resolution of Keyed Notes on the Construction Plans with Addendum reference notes for E112 and E113. Please use addendum notes for Sheets E-121, 122,123,131,132,133. Apologize for the inconvenience. MEE 2013-02-04



Request for Information 046

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 046 Date Created: 12/18/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: CMU wall at west side of Music B102, Discipline: Architectural/Structural.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 12/25/2012

Per sheet S111 the 12" CMU wall on the west side Music B102 (49'-3" east of GL 3) stops 9'-4" south of GL F, sheet S121 shows this wall continuing to GL F.

- 1) Please advise how the block shall be supported across the hallway.
2) This wall is not shown on the reflected ceiling plans crossing the hallway, please provide an elevation to the bottom of the block across the hallway.
3) Please advise if the block wall that will be exposed in the opening for the sloped glazing shall be integral color or does it need to be furred out similar to the bar joists in this area.

Suggestion

Answer Date Answered:

The masonry may be supported by a typical masonry lintel, Detail 9/S301, or by a loose steel angle lintel per the schedule on sheet S300. Steve Horner, HCDA Engineering, Dec. 18, 2012

Bottom of wall shall be 115'-4". This should allow space for ducts and MEP to pass under the wall.

Rick J. Taves
12/19/12



Request for Information 047

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 047 **Date Created: 12/20/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Conduit Size Increase in Submittal	Electrical	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 12/27/2012**

The Conduit size was increased from 2-1/2 inches to 3 inches for feeders MC2 and C2 in Items 2 and 3 of Submittal 260519-01 Shop Drawing review.

We are requesting this increase in size be reconsidered because:

- 1) Using aluminum conductors, the conduit fill will be 36.4 %; the NEC allows 40% fill.
- 2) This conduit has been installed due to rapid construction schedule. Therefore, we can not issue a credit for the 2-1/2 inch conduit. Providing the 3 inch conduit will result in an increased cost of \$1,638.

Suggestion

Answer **Date Answered:**

The 2.5" conduit is acceptable as is.
 M.E. & E. Engineering's design is based off Table 5 in the N.E.C. for conductors.
 Compact building wire utilizes Table 5A which your submittal was based from.



Request for Information 048

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 048 **Date Created: 12/20/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Door Hardware Clarification	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 12/27/2012**

Per HW SET: 100,110, & 135 - In Spec Book pages 087100 18, 20, & 23 of 42:

Electric Strike and Power Supply are per section 281300. However, Spec Book section 281300 1 of 13 refers Electric door Lock by others. Please advise where Electric hardware is specified and what models are needed.

These doors are also to have a removable Mullion with an Electric Strike. There will be wires ran through the mullion with low-voltage power for the Electric Strike which will make the Mullion not removable.

Please advise.

Suggestion

Answer **Date Answered:**

- 1) HDW SETS 100, 110 & 135; PROVIDE ELECTRIC STRIKE (BY SECTION 281300 VON DUPRIN 6300)
- 2) PROVIDE WIRING WITH "QUICK DISCONNECT" MALE AND FEMALE WIRING CONNECTORS.



Request for Information 049

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 049 Date Created: 12/29/2012

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row: Power to Heat pumps, Mechanical/Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 1/5/2013

The electrical requirements for the heat pumps that were submitted and approved varies from what is shown on sheet E502 and the panel schedules. Please verify that the electrical requirements per sheet E502 and the panels schedules are accurate based on the approved heat pumps. Attached is a spreadsheet showing the electrical requirements for the heat pumps and the submitted electrical requirements.

Suggestion

Answer Date Answered:

Please refer to Heat Pump Submittal review. Heat Pumps have not been approved. They are noted "Amend and Re-submit." Submittal data was disorganized and incomplete. No re-submittal has been received to date. Assuming re-submittal includes Climate Master equipment in lieu of the spec'd Water Furnace Equipment, the electrical requirements are assumed to be per the table included herein. Costs incurred for changes to breakers, disconnects, wire sizes etc. will be the responsibility of the mechanical contractor. MEE 2013/01/03 (Also note: Other mechanical equipment submitted has different electrical requirements which have been noted on the submittal review.)



POST OFFICE BOX 408 • DURANGO, COLORADO 81302 • 970-247-3134
128 STEWART S. • DURANGO, COLORADO 81301 • FAX 970-247-3869

FCI Constructors, Inc.
186 Moose Lane
Durango, CO 81303

December 27, 2012

Attn: Troy Summers

Re: Ignacio Middle School
Ignacio, CO

REQUEST FOR INFORMATION

After reviewing the mechanical submittals, we find that 33 of the 36 Water Source Heat Pumps electrical requirements do not agree with the electrical characteristics shown on the Mechanical Equipment Schedule on sheet E502. Only H12, H14, and H33 agree. If the heat pumps will be provided per the mechanical equipment submittal, the circuit breakers and perhaps the wiring will need to be changed. This will also require revised panelboard schedules. Is it intended for the electrical subcontractor to determine the extent of these changes? Will these changes require engineering review?

If you have any questions as to the above proposal, please call us at our Durango, Colorado Office **970-247-3134**. Our Fax number is **970-247-3869**.

Respectfully Yours:

Thom Mosko
Nichols Electric Inc.



Request for Information 050

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 050 **Date Created: 12/29/2012**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Kitchen Panelboards		

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 1/5/2013**

Per 1/E401 and the panels schedules - Panel boards K1, K2, and K3 are to be surface mounted in the kitchen, Surface mounting these panels will create housekeeping issues due to conduits coming in and out of the panels. Please verify panels shall be surface mounted or if wall thickness shall be adjusted to allow panels to be recessed. If panels are to remain surface mounted are skirts are desired to conceal the conduits?

Suggestion

Answer **Date Answered:**

Panels should be flush mounted (best) wall thickness permitting. If not, please provide skirting for panels. Will become housekeeping issue as noted by electrical contractor if not flush mounted or skirted.
MEE 2012/01/14

Recess electrical panels in the Kitchen. Change wall designations to MF6A/A in lieu of MF3A/A as noted on 2/A400.
Rick J. Taves
1/15/13



Request for Information 051

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 051 Date Created: 1/7/2013

Answer Company Answered By Author Company Authored By
RTA Architects Rick Taves FCI Constructors, Inc. - Durango Bryan Gadd
19 South Tejon Street, Suite 300 186 Moose Lane
Colorado Springs, CO 80903 Durango, CO 81303

Co-Respondent Author RFI Number

Subject Discipline Category
Smart Boards Architectural/Electrical

Cc: Company Name Contact Name Copies Notes

Question Date Required: 1/14/2013

Detail 2/E111 shows keynotes 5 and 7 which references smart boards. The architectural drawings do not show smart boards in the classrooms. Please advise if smart boards are going to be installed by the owner at a later date, if so please provide data so electrical rough-in can be done correctly and blocking can be installed in the walls to support the smart boards and associated short throw projectors.

Suggestion

Answer Date Answered:

Follow heights and location noted on the electrical plans. The SD is planning on using short throw projectors on standard marker boards. No smart boards.
Rick J. Taves
1/20/13



Request for Information 052

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

Table with 4 columns: RFI #: 052, Date Created: 1/7/2013, Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Table with 3 columns: Subject, Discipline, Category. Row: Conduit to floor boxes in C116, C117, and C118, Electrical.

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes.

Question Date Required: 1/14/2013

Re: E113
Per Keynote #10 from addendum #2 / Keynote #9 from for the for construction drawings we are to provide a 1" empty PVC conduit underground with a pull string and run to the MDF room. Please verify these conduits shall stub up in IDF C116A and do not need to run back to MDF A121.

Suggestion

Answer Date Answered:

1" conduits from each data floor device in C-116 and 117 should stub up in IDF room C116A.
MEE 2012-01-10
Rec'd 2012-01-08



Request for Information 054

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 054 Date Created: 1/15/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row 1: Electrical panel submittal review, Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 1/22/2013

Re: Review of submittal 262000-01 Low Voltage Electrical Transmission

- 1) Review comment #2 for panel board MA states "'THHQB' type circuit breaker appears to not be available in 80amp, 3-pole." However the 80A, 3-pole THHQB breaker is available as submitted, please verify this is acceptable.
2) Review comment #2 for panel board B2, The 125 amp, 3-pole breaker on circuits 29,31, and 33 required the type AD panel be used. A type AQ panel would require a sub feed breaker. Please verify the type AD panel is acceptable.
3) Red handle locks for panels C1 and K3 will require the handle locks to be field painted, red nail polish is typically used in this application. Please verify this is acceptable.

Suggestion

Answer Date Answered:

- 1) We are unable to find a 80A/3P 'THHQB' type circuit breaker. Provide cut-sheet. Per the submittal, page 45 of 60, 'THHQB' type circuit breakers only come in single pole and that the 'THHQL' circuit breakers are utilized for 2P and 3P.
2) The type AD panel is acceptable.
3) Red handle locks are manufactured for circuit breakers. Manufacturers such as Brady, Ideal Industries, Panduit and others make these locks. Red nail polish is not acceptable.



Request for Information 055

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 055 Date Created: 1/17/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Fluid Applied Air & Moisture Barrier, Category: Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 1/24/2013

Specification sections 072700 and 072726

Please provide specific product data (manufacture) for the fluid applied air and moisture barrier. In doing so, please consider that the fluid applied product needs to be compatible with the spray foam that will be applied over the fluid applied product.

Suggestion

Answer Date Answered:

Acceptable air and water barrier is Carlyle's "Barritech VP or similar. It is an water based product as is all the barrier products I have researched. Rick J. Taves 1/28/13



Request for Information 056

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 056 **Date Created: 1/22/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Elevations for S4 and S4E fixtures	Architectural/Electrical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	Ignacio School District 11JT	Rocco Fuschetto	1	

Question **Date Required: 1/29/2013**
Please provide mounting heights for the S4 and S4E fixtures indicated to be installed all around the exterior of the building on sheet E101.

Suggestion

Answer **Date Answered:**

See attached elevations for light location and height.
Rick J. Taves
1/25/13



Request for Information 057

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 057 **Date Created: 1/26/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Wall framing above fume hood	Architectural	

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 2/2/2013**

The Kewanee T95 demonstration fume hood that is to be installed between the Science Classroom B109 and Prep B109A has a maximum clearance between the duct connection and the operable sash for a 5" thick wall assembly. Per sheet A111 the wall between B109 and B109A is a 6" stud wall with 5/8" gyp on both sides. Please advise if acceptable to change the wall framing above the fume hood to 3-5/8" studs with 5/8" gyp on both sides, the finished surface on the Science Lab side will remain in the same plane as the remaining wall and the enclosure between the top of the fume hood and the ceiling will conceal the wall thickness change on the Prep room side of the wall.

Suggestion

Answer **Date Answered:**

It is acceptable to use 3/58" studs above the fume hood.
Rick J. Taves
1/27/13



Request for Information 058

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 058 **Date Created: 1/28/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Fume Hood Blower		Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 2/4/2013**

Per keynote #5 page M111 reads:

Fume hood and blower provide by others. Duct and remote blower installation by this contractor, see fume hood blower detail for more information.

Per mechanical schedule page M601: Blower is listed.

Please provide detail, who is to provide?

Suggestion

Answer **Date Answered:**

Provide a Kawaunee Scientific Corporation centrifugal fan model HFS-0905-E1 with the following accessories: HIA-1209-00 Inlet Adapter; HOA-0912-00 Outlet Adapter and HES-0909-00 Vertical Exhaust Duct Stackhead Assembly. Change the duct sizes shown on detail E2/M501 to 12" versus 10"diameter.
DS 01-29-13

1/25/2013

To: **FCI Constructors, Inc.**
186 Moose Lane
Durango, CO 81303

Phone: 970-259-8644
Fax:970-259-8633

ATTN: Steven Stewart / Bryan Gadd
Email: ssewart@fciol.com / BGadd@fciol.com

From: **Lori A. Meyer, Project Manager**
Rocky Mountain Region
33 Inverness Drive East
Englewood, CO, 80112

Phone:303-952-5104
Fax:303-799-6102
Email: LAMeyer@isecinc.com

Project Name: Ignacio Middle School
Project Number: 40-12-016

RESPONSE REQUIRED BY: 2/1/2013

Title of Work	Specification	Drawing Numbers	Detail Numbers
Fume Hood	11 5313		

Item description and/or discrepancy:

Kewaunee T95 Demonstration Fume Hood needs MAXIMUM 5" wall thickness above hood for duct and sash clearance. Contract documents and approved submittal note 7 ¼".

Please advise alternate scenario that is max. 5" directly above the hood.

CC: File

Signed: _____





Request for Information 059

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 059 Date Created: 1/31/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row 1: Light Fixture Type R1, Architectural/Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/7/2013

Addendum #2, item AD1-PM1, C - Added Alternate No. 11 to provide color LED capability and color control at LED lighting in base of soffits over Breakout C100A, Breakout C110A, and Stage B101. Base bid to include "white" LED lighting.

Addendum #3, item AD1-PM3, 2 - Alternate #11 was deleted.

Addendum #3, item AD3-E8 - Provided specification for fixture type R1 to be Phillips Color Kinetics eW Cove EC Powercore, 3W@12in., 36LF upper and lower. Provide upper and lower mounting tracks, jumper cables as required and wiring compartment.

Per the comments on the reviewed lighting submittal we are to refer to addendum #3 for additional requirement for the type R1 fixture. Please verify that the color change option is not desired (note that the eW in the spec is essential white, if color change is required it would be iColor in lieu of eW). Please note that if the color change is required there will be a costs increase of approximately \$10,000.00.

Suggestion

Answer Date Answered:

Color change option is not required
Rick J. Taves
2/4/13



Request for Information 060

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 060 Date Created: 1/31/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Subject Discipline Category
Reviewed Door Hardware Submittal Clarification Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/7/2013

Per returned Door Hardware Submittal:
Hardware Heading SET #510 says "Omitted Door #B116-6".
Hardware Heading SET #905 says "Omitted HW set #905 (Doors #A122F and A122G)
None of these doors are on the Door Schedule on sheet A600. Please provide locations for B116-6, A122F, and A122G.

Suggestion

Answer Date Answered:

These doors were eliminated earlier in the project. The notes are to coordinate the hardware schedule with the door schedule.
Rick J. Taves
2/5/13



Request for Information 061

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 061 **Date Created: 1/31/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Fire Extinguisher in Kitchen	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 2/7/2013**

Please advise if a type K fire extinguisher is required in the kitchen in lieu of the specified 4A-60-B:C. If it is to be a type K, please verify this is to be installed in a cabinet and not mounted on a wall hook.

Suggestion

Answer **Date Answered:**

Type "K" extinguisher is required in the kitchen mounted in a cabinet.
Rick J. Taves
2/5/13



Request for Information 062

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 062		Date Created: 2/4/2013	
Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Fire Alarm System	Electrical	

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 2/11/2013**

The fire alarm sub contractor believes the fire alarm system as designed is deficient per NFPA 5000, NFPA 72, and NFPA 101 in the following areas:

- Insufficient smoke and/or heat detection in common areas / means of egress and unoccupied spaces.
- No manual pull stations shown in documents.
- No duct smoke detectors shown.
- Insufficient audible notification for classrooms and other spaces.
- No "fail safe" electronic door lock access control interface shown.

The attached drawings show, in red, the devices that the subcontractor believes are necessary.

Please advise if changes to the system are required to comply with NFPA specifications.

Suggestion

Answer **Date Answered:**

Note: It appears the FA contractor has based design on codes not required by State of Colorado...specifically NFPA 5000 and NFPA101. Neither have been adopted by the State Dept of Public Safety. Most of the items noted as "deficient" are not required by the adopted Codes. Other items (ie:Duct Detectors) are shown on plans and noted in the attached response. Attached please find an excerpt from the DPS code as well as specific responses to the items above. We have also included a link to the DPS web site and excerpt from the IBC-2006 which is the applicable code. Please review and revise in view of the appropriate code.
 MEE 2013-02-04



Request for Information 063

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 063		Date Created: 2/4/2013	
Answer Company	Answered By	Author Company	Authored By
		FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Electrical requirements for heat pumps		

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 2/11/2013**

There are many discrepancies between the Mechanical Equipment Schedule on sheet E502, the electrical panel schedules on E601, E602, and E602, and the electrical requirements for the heat pumps per the approved submittals.

1) At HPs- 1,2,3,4,5,6,10,21,34 the circuit breaker amps called out on sheet E502 does not match what is shown on the panel schedules (note that E502 also calls out wire size, if breakers are changed from what is called for on E502 wire size may also need to be adjusted). Please advise.

2) The circuit breaker size (amps) called out on both E502 and the panel schedules does not match the max fuse size called out on the heat pump submittals however at all heat pumps except HP 19 and HP 24 the total FLA for the unit + 25% is less than the circuit breaker amps shown on E502. Please advise.

Attached is a spreadsheet showing the electrical requirements for the heat pumps per the submittals and the information from E502 and the panel schedules.

Suggestion

Answer **Date Answered:**

1. Both E502 and Panel Schedules were based on the "Water Furnace" model specified. E502 indicates the calculated circuit breaker size and is identical to the MOP noted on Mechanical Equipment Schedule (M601). Panel Schedules indicate the recommended manufacturer circuit breaker size from catalog data.
2. Since the submitted manufacturer is "Climate Master" which has different electrical characteristics than "Water Furnace" what is shown on the E502 and the Panel Schedules is moot as the "Climate Master" changes breakers, FLA, RLA, etc.
3. Costs (if any) resulting from equipment provided that is different from that submitted are typically the responsibility of the contractor providing the equipment.
4. Attached is a Electrical Table for the submitted "Climate Master" equipment. Generally wire sizes stayed the same for most units. Circuit Breakers changed to meet Climate Master Requirements in some cases. (MEE 2013-02-05)



Request for Information 064

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 064 Date Created: 2/8/2013

Answer Company Answered By Author Company Authored By
RTA Architects Rick Taves FCI Constructors, Inc. - Durango Bryan Gadd
19 South Tejon Street, Suite 300 186 Moose Lane
Colorado Springs, CO 80903 Durango, CO 81303

Co-Respondent Author RFI Number

Subject Discipline Category
Data to offices Electrical

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/14/2013

Re: E112

There is no data shown to the following areas: Work/Office A122A; Principal A109; Flex Office A111; IT Office A112; Nurse A102; Copier area of Hall A110A, Conselor A106; Conference A115 (data is shown to a floor box in this room).

Please verify data is not required to these offices.

Suggestion

Answer Date Answered:

Original intent was to serve these areas with WAPs (Wireless Access Points). After review with Ignacio IT Director, it has been determined that hard-wired outlets are necessary as well. Please see attached Sketch ADD E-5 for locations. Floor outlet to remain at Conference. MEE 2013-02-15



Request for Information 065

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 065 Date Created: 2/9/2013

Answer Company Answered By Author Company Authored By
RTA Architects Rick Taves FCI Constructors, Inc. - Durango Bryan Gadd
19 South Tejon Street, Suite 300 186 Moose Lane
Colorado Springs, CO 80903 Durango, CO 81303

Co-Respondent Author RFI Number

Subject Discipline Category
Thru wall flashing Architectural

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/16/2013

Please verify the thru wall flashing shown at the bottom of the exterior walls on A500 shall be 24 gauge galvanized steel per specification 07 6200, 2.3.M.

Suggestion

Answer Date Answered:

Thru wall flashings are to be stainless steel.
Rick J. Taves
2/11/13



Request for Information 066

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

Table with 4 columns: RFI #: 066, Date Created: 2/13/2013, Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Table with 3 columns: Subject, Discipline, Category. Subject: Light switches in Gym and Kitchen, Discipline: Architectural/Electrical.

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes

Question Date Required: 2/20/2013
1) per sheet E121 all of the switches for the light fixtures are shown in the north east corner of the gym. Please verify no additional switches are needed in the gym.
2) Sheet E122 does not indicate light switch locations in the kitchen area. Please advise where switches are desired.

Suggestion

Answer Date Answered:

1) Please reference "Lighting Sequence Control" (Item AD2-PM12) and 260923 of Final Specifications. "Item F-Provide (3) sets (2) heavy duty override switches rated for industrial use. Switches to be located at the entry doors from Corridor B110 (2) and exterior door." See also Relay Panel information.
2) Please reference Item I of Sequence. "Provide override switches in each space." Please provide switch at door B121-1 for Concessions and 3-way switches at Doors B-116-1 and B-116-2 for remainder of Kitchen.
MEE 2013-02-15



Request for Information 067

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 067 Date Created: 2/13/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Display Case Detail 17/A401, Architectural, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/20/2013

Per sheet A401 Detail 17:
The door company laid the plan view per the dimensions and the assembly did not align. The dimensions do not add up and they included a marked up detail 17/A401 to show this. They adjusted all the elevations to make the assembly work. Also, the smallest jamb depth for equal rabbet sections is 4-7/8" (not 4-1/2") and the last page attached shows that detail.
See attachments.
Please advise if acceptable.

Suggestion

Answer Date Answered:

See comment of attached 1st page in blue
Rick J. Taves
2/26/13



Request for Information 068

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 068 Date Created: 2/15/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Contains details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row: A/V and Data at classroom, Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 2/22/2013

Per Discussions with Brian Crane from Ignacio School District and their AV contractor. The AV and data shown on the typical classroom detail, 2/E111 shall be revised per the attached sketches.

Suggestion

Answer Date Answered:

For information only, no response necessary.



Request for Information 072

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 072 Date Created: 2/28/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Display Case, Architectural, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/7/2013

Please see attached revised Display Case drawing for approval.

Suggestion

Answer Date Answered:

See comments below
Rick J. Taves
3/1/13



Request for Information 073

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 073 **Date Created: 3/1/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Exterior light fixture questions from RFI 056	Architectural/Electrical	

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/8/2013**

Per sheets AC111, AC112, and AC113 that were attached to the response to RFI 056 (see attached) there were several questions regarding light fixtures in exterior soffits. Please advise if these fixtures are required and if so please provide specifications for these fixtures.

Suggestion

Answer **Date Answered:**

Provide Kenall Millenium MR13_L-LED soffit fixture (total of 5) as marked in light blue on the attached ceiling plan sketches.

Kenneth Gregg AIA

03-05-2013



Request for Information 074

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

Table with 4 columns: RFI #: 074, Date Created: 3/4/2013, Answer Company, Answered By, Author Company, Authored By. Includes details for RTA Architects and FCI Constructors, Inc.

Table with 3 columns: Subject, Discipline, Category. Subject: Irrigation piping, Discipline: Civil, Category: (blank).

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes.

Question Date Required: 3/11/2013
1) Per the irrigation box plan view detail on C109.5 the pipe from the distribution box to the school pump house is to reduce from a 6" to a 4" pipe. Sheet C105.3 and the profile on sheet C105.4 show this being a 6" line from the distribution box to the pump house. Please verify this entire line is to be 6".
2) Per the system control valve detail on sheet C109.5 the 6" line is to reduce to 4" and a 4" valve be installed, per sheet C105.3 this is to be a 6" valve and the pipe remains 6". Please verify piping and valve to be 6"

Suggestion

Answer Date Answered:

Goff Engineering & Surveying, Inc.
1) The irrigation line to the school sprinkler system pump station is 6 inch in size. The pipe needs to be reduced to a 4 inch pipe at least 10 lineal feet before the irrigation booster pump station. Refer to sheet IR 1.1 for the booster pump requirements. The suction side of the booster pump is 4 inch.
2) The valve for the school system line to the booster station shall be the 6 inch canal gate structure.
by: Bruce Honisch date: March 5, 2013



Request for Information 075

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 075 **Date Created: 3/5/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Miscellaneous HVAC Questions		Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 3/12/2013**

- 1) Sheet M111, Rooms B106 and B109 have a 8" pipe running to a 10" grill?
- 2) Sheet M111, Room B109 has a 6" pipe running to a 8" grill?
- 3) Sheet M111, Room B124 has an exhaust air on the north wall labeled 87. Per sheet M600 has 87 is to be Type B grill. Should 87 be an LV?
- 4) Sheet M112, Room A101 has a 10" pipe running to a 12" grill?
- 5) Sheet M112, calls out 69 LV to be 14000 cfm-84"x36". However, detail D5/M401 has it called out to be 15800 cfm-84"x48". Please advise which one is correct.
- 6) Sheet M401, per detail A1/M401, please provide grill size for return air on HP-22 including transfer air in Hall B120.

Suggestion

Answer **Date Answered:**

1. Branch duct should be 10".
 2. Branch duct should be 8".
 3. Per addendum #1 item AD1-M1.20 this should be a 24"X24" louver.
 4. The diffuser should be a 10" diameter neck.
 5. 84"x36" is correct.
 6. Both grilles are 30"X24".
- DS 03-06-2013



Request for Information 076

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 076		Date Created: 3/6/2013	
Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Gas Line		Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/13/2013**

Specification section 335113 and C 102:

Section 335113 Quality assurance 1.08 (A) specifies that the work shall be performed in accordance with the local utility company Atmos Gas Company. A typical installation with Atmos Gas requires the contractor to excavate and backfill the trench. The gas tap, piping and meter are provided and installed by Atmos Gas.

C102 note 8 indicates a new gas line, meter and the connection to the main in Romero which we assumed to be installed by Atmos Gas in accordance with the Town of Ignacio standards. There is not a site gas line size or meter specifications in the construction documents. Please indicate the site gas line size and provide the specifications for the gas meter if to be provided by the contractor. During the meeting last with the Town of Ignacio we were informed that the Town owns and manages its own gas services. Please advise as to how we should proceed.

Suggestion

Answer **Date Answered:**

Goff Engineering & Surveying, Inc.
 All gas line work shall meet the Town of Ignacio Standards. The Town owns the gas system and is the gas provider. Per TOI review, a gas isolation valve is required at the connection to the Town 4" gas main. A valve box w/ lid stamped gas, is required. The service line is 3 inch. The gas meter is sized based upon the gas load provided by the mechanical engineer. The TOI gas engineer has provided what size meter to use per his recent email sent to FCI.
 It is our understanding the gas tap and installation is to be by FCI using a subcontractor certified for gas installation and approved by the TOI. The gas meter is: Middle (new) school: Fisher CS803, purple spring for primary, green spring for secondary, 2" body, 5/8" or larger orifice, primary set pressure 10.5 inches water column per the TOI gas engineer.
 by: Bruce Honisch date: March 26, 2013



Request for Information 077

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 077

Date Created: 3/8/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Z-Furring		Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/15/2013**

Per sheet G002:

Details for partition types WM(X)2E, WCP(X), and WM(X)3E all have a Z-Furring metal with no gauge specified. Please advise is 20 gauge is acceptable for the Z-Furring metal.

Suggestion

Answer **Date Answered:**

See specifications section 74213 2.3 B
Rick J Taves
3/8/13



Request for Information 078

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 078 Date Created: 3/8/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Contains details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Contains: Corridor Grills, Architectural/Mechanical, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/15/2013

Per M113 and M113: Corridor grills marked 31 (type 16) are specified on sheet M600 to be 28x18. Per our HVAC contractor this grill size is not available.

Suggestion

Answer Date Answered:

Change the grille dimensions to 25"x15". DS 3/13/13



Request for Information 079

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 079 Date Created: 3/8/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Type N3 light fixtures, Discipline: Architectural/Electrical.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/15/2013

- 1) Please verify mounting height of N3 fixtures to be 10'-0" AFF.
2) Please advise if shade shall be metal or glass, if glass please advise if this shall be blue or white.
3) Please provide color temperature and CRI of the LED module.

Cut sheets for type L3 fixture are attached.

Suggestion

Answer Date Answered:

1. Mounting height to be 10'-0" AFF.
2. Shade to be white glass.
3. CRI 80- 3000K
MEE 2013-03-28



Request for Information 080

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 080 **Date Created: 3/8/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Lab Sinks in Science Rooms	Architectural/Plumbing	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 3/15/2013**

Per sheet P114:

There are (4) double P8 lab sinks shown in room B106 and (4) single P8 lab sinks shown in room B109. Attached are cut sheet for the P8 lab sink that shows the sink to be a single 16"x16" sink. Please advise if wether double sinks are needed in either science room.

Suggestion

Answer **Date Answered:**

The labeling of two P-8s at one sink in Science B106 is incorrect. There are no double bay sinks in B106 or B109. There are 4 sinks in each room that require two faucets and two sinks in each room that require only one. See detail A3 on sheet P501 for two faucet requirement.
 DS 3/13/13

463 Turner Drive, Suite 104A
Durango, CO 81303
970-385-1570 (P) 970-385-1569 (F)
matk@meneengineering.com

M E & E Engineering, Inc.

Memo

To: Rick Taves **Project:** Ignacio Middle School-1137
From: Matt Kraushaar **Pages:** 1
email: rick@rtaarchitects.com **Date:** 12/19/12
Re: Submittals- Electrical E2 **CC:**

Urgent For Review Please Comment Please Reply Please Recycle

Shop Drawing Review: Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or details.

PROJECT: Ignacio Middle School
SUBMITTAL REVIEW: Electrical
SUB-CONTRACTOR: Nichols
DATE RECEIVED: 12/12/12
DATE PROCESSED: 12/19/12
INITIALS: KB, MK

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>ACTION *</u> <u>(N,M,A,R)</u>	<u>NOTES</u>
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Submittal package No 260519-01 Low voltage Electrical Power Conductors & Cables

Wall switches/receptacles/wall plates	N	1. All colors to be ivory unless directed otherwise by Architect.
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Aluminum Feeder cable table & fault current calculations	M	1. See notes below.
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- 1. All ground conductors shall be Copper in lieu of Aluminum. Refer to the Power Riser Diagram, sheet E501 for sizes.
2. The conduit size for the feeder from switchboard 'MDP' to panelboard 'MC2' shall be 3" in lieu of 2 1/2".
3. The conduit size for the feeder from panelboard 'MC2' panelboard 'C2' shall be 3" in lieu of 2 1/2".
4. Note: The conductor 'C' value for 750kcmil aluminum utilized in the fault current calculations is incorrect. The 'C' values have changed in the past couple of years for some conductor sizes. The value shown on the submittal is the old value. The new 'C' value is '25976'. This change though was not significant enough to affect any of the fault current values at each of the panelboards

Note: 1 copies received via email, none returned

*N- No Exceptions Taken.
A- Amend and Re-submit.

M- Make Corrections Noted.
R- Rejected See Remark



Request for Information 083

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 083 Date Created: 3/11/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row 1: Irrigation Profile D, Civil.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/18/2013

Re: C105.3
Please advise if acceptable to install (2) 45 degree bends in lieu of the 90 degree bend shown at STA 1+ 14.12 (profile D) to avoid conflict with the existing temporary power pole. See attached sketch.

Suggestion

Answer Date Answered:

Goff Engineering & Surveying, Inc.
The proposed revision to the irrigation line shown on the attached sketch is acceptable to avoid conflicts with the existing temporary power pole and guy wire.
by: Bruce Honisch
date: March 12, 2013



Request for Information 084

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 084 Date Created: 3/12/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Light Fixtures in B116A, Discipline: Architectural/Mechanical/Electrical, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/19/2013

Drawing E122 calls for three (3) each Type B1 fixtures in Room B116A. Fixture B1 is a 2x4 lay-in fixture and will cause interferences with mechanical along with being very bright for such a small area. Please advise is three (3) fixtures will be required?

Suggestion

Answer Date Answered:

One fixture should produce approximately 35-40 FC which is adequate for Storage use. Please reduce number of fixtures from 3 to 1 and credit owner. MEE 2013-03-28



Request for Information 085

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 085

Date Created: 3/12/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
LED Color for Light Fixture N2	Architectural/Electrical	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/19/2013**

The lighting supplier has asked about the LED color for fixture Type N2. They originally submitted on warm white LEDs. However upon review, they feel cool white LEDs would be a closer match to the N1 fixtures.

Suggestion

Answer **Date Answered:**

Agreed...Color and CRI should be same for both fixture types.
MEE 2013-03-28

Request for Information 086

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 086

Date Created: 3/15/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent

Author RFI Number

Subject	Discipline	Category
Town of Ignacio potable Waterline review	Civil	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question

Date Required: 3/22/2013

Per the attached plan review comments from Michael Whitney, Ignacio Town Engineer, "the school's potable water line shall be a dedicated service line off of that new water main with a proper meter with meter pit located at the edge of that public utility easement". Per detail C5/FP601 the potable water line to the building is Tee'd off of the fire riser and per detail D6/P501 the domestic water line is to have a 2" meter with a remote readout. Please advise how water line is to be installed to meet the requirements of the Town Engineers review.

Suggestion

Answer

Date Answered:

It has been determined by Mr. Mike Lee, Town Manager, that the proposed joint fire sprinkler/domestic water line configuration concept is approved for the new Middle School project. Said system must contain a curb stop at the property line for emergency shutoffs in compliance with section 4-1-5, page 3 of the Town code.

Michael C. Whitney, P.E.



Request for Information 087

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 087 Date Created: 3/18/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Irrigation to Young Property, Civil, Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/25/2013

Per Bryan Gadd's phone conversation with Bruce Honisch on 3/15/2013 the irrigation piping at Profile B from 22.5 degree bend at STA 11+31.60 to the end of the pipe at STA 11+96.53 shall be flat (see attached). This will put the invert of this pipe approximately 6" below the invert of the existing culvert.

Please verify this is correct.

Suggestion

Answer Date Answered:

Goff Engineering & Surveying, Inc. This is correct as shown on the plan. The new pipe invert is above the existing irrigation pipe that has been removed for construction. It should be noted that the culvert crossing CR 320 to the Young property is in very poor condition and silted in. This is beyond the school property and not a part of this project. by: Bruce Honisch date: March 19, 2013

Request for Information 088

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 088

Date Created: 3/19/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Parking lot at Agriculture building	Civil	

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/26/2013**

Re: C102, C103, C105.1 and the attached drawing

- 1) At the new north entrance to the parking lot there is an existing telephone pedestal and a county road sign that are not identified on the drawings. Please advise how these items are to be addressed.
- 2) There is an existing drainage ditch adjacent to the county road that will be covered up with the two new entrances. Please verify drainage piping is not necessary under the entrances.
- 3) It appears that there is an existing sewer line that crosses the new parking lot from the existing house to a sewer manhole on the far east end of the property and what appears to be a clean out for this line approximately in the center of the new parking lot. Please advise what is required to be done with this clean out to prevent damage to the existing line.
- 4) At the east side of the existing ag building, please verify gravel is to stop at the roof line of the building and not continue under the overhang.
- 5) Please provide a dimension off of the existing structure to the post hydrant being installed.
- 6) No information is provided for finish grade of the new gravel parking lot. Please provide grade's for new gravel lot.

Suggestion

Answer **Date Answered:**

See attached sketch for work around the Agriculture building.
Rick J. Taves
6/4/13



Request for Information 089

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 089 Date Created: 3/20/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Louver #67 in Gym, Discipline: Architectural/Mechanical, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 3/27/2013

Per sheet M111 and M600:
#67 is called out to be 84"x36" Louver.
Please confirm a Louver is wanted in this location and not a heavy duty grill for the gym.

Suggestion

Answer Date Answered:

If the contractor would like to submit an alternative grille please provide submittal. The grille must be 12 gauge or thicker metal. If not, please use the louver specified. DS 04-04-2013

Please submit for a heavy gauge grill
Rick J. Taves
4/5/13

Request for Information 090

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 090

Date Created: 3/20/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
State review of Fire Alarm drawings	Electrical	

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 3/27/2013**

The attached fire alarm drawings were submitted to the state based on the contract drawings and the response to RFI 062. Per the attached review of the fire alarm drawings from the Colorado Department of Public Safety there are several areas that require additional devices / appliances (see highlighted items on the attached plan review report). Please advise how we are to proceed as the majority of these items were noted as not required on the response to RFI 062.

Suggestion

Answer **Date Answered:**

ME&E met with the fire alarm contractor and coordinated revised fire alarm drawings.
Rick J. Taves
4/20/13



Request for Information 091

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 091 **Date Created: 3/20/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Structural support to Hang HP's 27 and 29	Architectural/Structural	

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 3/27/2013**

1) Detail 10/A303 shows heat pump hanging below the cold formed steel joist, per specification section 09 2116 this joist is to be 18ga. There are actually two heat pumps (HP 27 and HP 29) that hang below the joists in this area, these are shown on the structural drawings to be 1,000#'s. Please advise if additional structural supports should be added in this area to support the heat pumps and mech piping that is to be installed in this area.

2) Please provide a connection detail for the steel stud to the I beam shown in detail 11/A503.

Suggestion

Answer **Date Answered:**

Refer to attached for suggestions.

Steve Horner

HCD Engineering

March 22, 2013



Request for Information 092

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 092 **Date Created: 3/22/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Elevations for N1, N2, & N3 Fixtures	Architectural/Electrical	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 3/29/2013**

Per bid set of documents on page E600:

Elevations are given for light fixture N1 at 14' AFF and light fixture N2 at 12'-8" AFF with no elevation given for light fixture N3 on addendum 3.

However, per construction documents page E600:

No elevations are given for light fixtures N1, N2, or N3.

Please confirm elevations for light fixtures N1, N2, and N3.

Suggestion

Answer **Date Answered:**

4/19/2013

Install light fixture types 'N1', 'N2' and 'N3' where the bottom of the fixture is at 14'-0" above the finish floor.



Request for Information 093

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 093 **Date Created: 3/25/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Storefront System Roof Overhang Detail	Architectural/Structural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 4/1/2013**

Re: A201

It appears per details 1 and 4/A201 that the storefront window system is to continue behind the overhang of the roof near GL's 7, 12, 14.8, and 19.2. See attachments

Please provide a detail showing how this condition shall be constructed.

Suggestion

Answer **Date Answered:**

See attached details for clarification of roof wall intersection.

Rick J. Taves

3/26/13



Request for Information 094

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 094 **Date Created: 3/26/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Hand Dryer	Architectural/Electrical	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 4/2/2013**

Per Addendum 2 on sheet A400:

#17 on the Toilet Accessories Schedule, the hand dryer is called out to be an Xlerator XL-SB (recessed).

However, per attached cut sheets of Xlerator XL-SB shows it to be a surface mounted hand dryer. Please advise.

Suggestion

Answer **Date Answered:**

The Xlerator has an ADA compliant recess kit. ID# 40502
Rick J. Taves
3/26/13



Request for Information 095

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 095 **Date Created: 3/26/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Wall Heights in Locker Room	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 4/2/2013**

Per enlarged locker room detail on A400(attached):

Wall types differ from type A to type B throughout the walls in the locker room from type A wall height going up to bottom of deck above and type B wall going up to 6" above ceiling. Please clarify.

Suggestion

Answer **Date Answered:**

See comments in red below.
Rick J. Taves
3/26/13



Request for Information 096

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 096

Date Created: 3/26/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Gym Door Detail on 1/A424	Architectural	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 4/2/2013**

Per detail 1/A424 the elevation varies for the block above the two door openings, please verify this is what is desired. If so please provide a section thru the west door.

Suggestion

Answer **Date Answered:**

Detail 20/A506 should be used for both doors.
Rick J. Taves
3/26/13



Request for Information 097

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 097 Date Created: 3/27/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Veneer Anchors, Architectural, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/3/2013

Attached is the product data for the original submitted veneer anchors and the product data for the newly proposed veneer anchors.

The new veneers anchor's advantage is that a backplate clip is fasten to the wall before the sprayed-on insulation is applied, allowing the pintle to be attached to the backplate clip after the insulation is dried. See attachments.

Please advise if acceptable.

Suggestion

Answer Date Answered:

RTA, INC. logo and contact information. Includes fields for Date Received, Date Returned, Checked By, and a checklist for exceptions, rejection, corrections, and resubmission.



Request for Information 098

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 098

Date Created: 3/27/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Type V1 Trim Ring Color	Architectural/Electrical	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 4/3/2013**

Please confirm color of the trim ring for Type V1. Attached is the data sheet with the color options listed for selection.

Suggestion

Answer **Date Answered:**

Dark Bronze.
Rick J. Taves
3/28/13



Request for Information 099

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 099 **Date Created: 3/28/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Recessed Water Fountain in corridor C110	Architectural/Plumbing	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 4/4/2013**

Per sheet A113 and A421:

Please provide dimensions for recessed water fountain area in corridor C110.

Also please provide wall section for this area.

See attachments for locations.

Suggestion

Answer **Date Answered:**

The wall is 7" from grid line M.1 to face of stud. See key note 8 for wall section.

Rick J. Taves

3/28/13



Request for Information 100

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 100 **Date Created: 3/28/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
HVAC Grills in Stage Ceiling	Architectural/Mechanical	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 4/4/2013**

Per sheets M111 and A111:

M111 shows three grills in the ceiling above the stage. A111 shows the background stage curtain in the same location.

Please advise.

Suggestion

Answer **Date Answered:**

Extend the grills to be on the east side of the curtain.
Rick J. Taves
3/28/13



Request for Information 101

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 101

Date Created: 3/29/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Hangers	Architectural/Structural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question

Date Required: 4/5/2013

The standard typical hanger detail 4/FP601 is applicable to all areas except those that do not have deck supported by steel joist. Specifically, all areas with epic decking supported by Glu-laminated wood beams. All hangers on this project are spaced 12'-0" or less on center. Per 1999 NFPA 13 6-2.1.3 & 2010 NFPA 13 9-2.1.3.1, the building structure must be capable of supporting the weight of the water-filled pipe plus a minimum 250 lb applied at the point of hanging. The values expressed below reflect 12'-0" of water-filled pipe plus 250 lb at the point of hanging:

- 1" Steel Schedule 40 pipe: 275.06 lb
- 1¼" Steel Schedule 40 pipe: 285.06 lb
- 1½" Steel Schedule 40 pipe: 293.21 lb
- 1½" Steel Schedule 10 pipe: 286.58 lb
- 2" Steel Schedule 10 pipe: 300.67 lb
- 2½" Steel Schedule 10 pipe: 320.74 lb
- 3" Steel Schedule 10 pipe: 345.41 lb
- 4" Steel Schedule 10 pipe: 391.52 lb

The approved EPIC deck drawings contain special information that is not contained in the contract documents concerning the type of hanger which we have not included in our estimate required to hang directly from the EPIC decking. Also, included in the EPIC are specific working load weights for the specified decking gauge. The maximum working load rating for the specified decking is #126. With the working load provided we are short by #149 for meeting the minimum working load for a 1" pipe. See the submitted EPIC drawing information for supporting data. Please advise as to type of hanger and spacing required to meet the minimum working load requirements for the fire suppression system loads.

Suggestion

Answer

Date Answered:

See attached for additional information provided by EPIC Metals. We suggest to adjust hanger spacing as necessary to meet capacities listed. Steve Horner, HCDA Engineering, April 10, 2013



Request for Information 102

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 102 Date Created: 3/29/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Therapy Swing, Architectural, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/5/2013

Per AC113 there is to be a therapy swing located in Special Ed C116 per detail 24/A507 however this detail does not appear to apply to a ceiling mounted therapy swing. There is also not a specification for a therapy swing.

- 1) Please provide dimensions off of gridlines to locate of the therapy swing.
2) Please verify therapy swing is to be owner provided. If owner provided please provide detail for mounting plate that is to be provided. If not owner provided please provide specifications.
3) Please provide a detail showing how therapy swing mount shall interface with the acoustical ceiling including elevations to the mounting plate called out per detail 4/S123.

Suggestion

Answer Date Answered:

1) Swing layout is 10'-0" from both the south and west wall.
2) The swing is owner supplied. Provide 1/2" plate per detail 4/S123.
3) Install 1/2" plate 1" above ceiling. Owner will provide mounting of swing in the future.
Rick J. Taves
4/9/13



Request for Information 103

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

Table with 4 columns: RFI #: 103, Date Created: 4/1/2013, Answer Company, Answered By, Author Company, Authored By. Includes details for RTA Architects and FCI Constructors, Inc.

Table with 3 columns: Subject, Discipline, Category. Values: Mechanical Platform Clearances, Mechanical/Plumbing, Request for Information.

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes.

Question Date Required: 4/8/2013

Per 306.1 of the 2006 International Mechanical Code:
306.1 Clearances for maintenance and replacement. Clearances around appliances to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly.
It does not appear the elevated mechanical platforms meet this code. Please advise.

Suggestion

Answer Date Answered:

Plan D5 "Enlarged Mechanical Mezzanine Plan" on sheet M401 illustrates the heat pump manufacturer's recommended clearance requirements with dashed lines on three sides of the unit. The fourth side is the return duct connection side and is not provided with recommend clearance since the space is occupied with ductwork.
The design intent on the ERV raised platforms is that all equipment access would be on the side of the ceiling access panel. Xetex lists 24" off of one side only. This side needs to be facing the ceiling access panel.
DS 04-17-2013



Request for Information 104

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 104 Date Created: 4/1/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Includes Lighting Control Low Voltage Wiring, Architectural/Electrical, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/8/2013

Notes on Sheet E503 state the low voltage wiring above lay-in ceilings can be run wild provided plenum rated cable is used. Therefore, can the low voltage for the lighting control also be run wild, provided plenum rated cable is used?

Suggestion

Answer Date Answered:

Unable to find the "run wild" note but believe the question is related to Detail C-4 showing Cable tray and j-hook uses. Low voltage lighting control may be routed on j-hooks or cable tray above ceilings. Color code differing cables for ease of identification. Verify with lighting contols mfr. that no separation is required from other low voltage cable. Cable in exposed areas subject to damage must be in conduits. MEE 2013-04-13



Request for Information 105

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 105 Date Created: 4/2/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Flagpole, Architectural/Electrical, Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/9/2013

Per spec section 107500 Flagpoles:
The flagpole is to be 30 feet high with a internal halyard cam cleat system.
Per detail 5 on L3.4:
The flagpole is to be 25 feet high with a solar light on top of pole.
Please advise on the height of the flagpole. Also, the flagpole subcontractor said the internal halyard cam cleat system will not work with the internal wiring for the solar light mounted on top of the pole. Please advise if an external cam cleat system is acceptable if the solar light is needed.

Suggestion

Answer Date Answered:

A 30' internal halyard pole is required. The information from US flag Co. indicates no internal wiring? The light is a self contained solar unit, no wiring?
Rick J. Taves
4/2/13



Request for Information 106

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 106 Date Created: 4/8/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Soffit height in Corridor, Discipline: Architectural.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/15/2013

Per 1/A421 the top of the panels / bottom of the bump out soffits are to be 110'-0" (11'-4" AFF west of the ramp and 12'-8" AFF east of the ramp). Per AC113 the bottom of the soffits are to be at 10'-0" AFF.

Note that per S123 there is a W24x55 beam along gridline M.1 with bottom of beam at 110' - 11-1/2", if top of the panels / bottom of the bump out soffits are to be 110'-0" there is not enough space to be the duct under the beam and turned up into this soffit.

Please advise.

Suggestion

Answer Date Answered:

Lower bottom of soffits from 110'-0" to 108'-4" AFF as indicated on the attached drawings. Additional drawings were included for soffit framing clarification. RTA to follow up with an ASI for the duct/soffit framing/storefront connection details. Scott Schuster 4/12/13



Request for Information 107

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 107 Date Created: 4/8/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Subject Discipline Category
Speakers at ceiling in library Architectural/Electrical

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts and copy counts.

Question Date Required: 4/15/2013

Per sheet E112 in Library A122 there are (2) ceiling recessed speakers shown and (1) wall mounted speaker shown away from the wall, there is no ceiling in this area, please advise.

Suggestion

Answer Date Answered:

S-2 are indicate on Specs to be Wall Mounted. Two wall mounted speakers are required on east and west walls in approximate areas shown. MEE 2013-04-13



Request for Information 108

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 108 **Date Created: 4/8/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Hose bibb at GL 20/J	Mechanical/Plumbing	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	

Question **Date Required: 4/15/2013**

Sheet P116 shows a hose bibb to be installed at grid lines 20 and J. There is a structural steel column at this location that conflicts with this installation. Please advise.

Suggestion

Answer **Date Answered:**

Provide a full height chase 4" wide (east west) by required depth next to column for 3/4" water line.
Rick J. Taves
4/18/13



Request for Information 109

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 109 **Date Created: 4/8/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Window at north wall of Art	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 4/15/2013**

On sheet A112 there appears to be a window 9'-4" west of opening C101A-2, this window does not show up on the exterior elevations. Please provide sizes and elevations for this window.

Suggestion

Answer **Date Answered:**

This is window type 25.
Rick J. Taves
4/8/13



Request for Information 110

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 110 Date Created: 4/9/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Motion Sensors in Restrooms, Discipline: Architectural/Electrical, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/16/2013

Please verify the single motion sensor in rooms C112 and C114 will provide adequate detection for the entry vestibule. The condition also applies to A103, A104, B111, and B113.

C112 and C113 lack emergency lighting. Please verify no emergency lighting is required.

Suggestion

Answer Date Answered:

1. Lighting submittal matrix LC4-1, 4-2, 4-3 appears to indicate multiple motion sensors in these areas. Unfortunately the matrix information is very difficult to discern. Please review with lighting controls manufacturer and provide additional if necessary to meet Specifications "Lighting Sequence and Controls" Item J-Multi-stall restrooms. (Please provide more legible submittal data.)
2. Please see Addenda Item AD2-E11, items 4,5,6, and 7 adding emergency lighting to these areas.
MEE 2013-04-13



Request for Information 111

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 111		Date Created: 4/10/2013	
Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Interior cement board siding	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question	Date Required: 4/17/2013
<p>-Per A112, floor plan general note #12, "At interior fiber cement board locations, place battens over 4'x8' cement board sheets , 3/4" plywood, over wall assembly indicated on floor plans, at top and sides of openings in the fiber cement board wall locations, return 7-1/4" batten trim to finish edges"</p> <p>-Per A112, floor plan general note #11, impact resistant gyp to be installed up to 8'-0" in all corridors and classrooms.</p> <p>-Detail 5/A501 calls for 3/4" plywood installed directly to the stud framing.</p> <p>-Detail 18/A507 shows cement fiber panels over 1/2" FRTW plywood over 5/8" gyp board.</p> <p>1) Please verify wall section at interior fiber cement board locations to be trim battens over cement board sheets over 3/4" FRTW plywood over 5/8" impact resistant gyp board.</p> <p>2) Please provide detail's for framed and unframed openings at interior fiber cement board locations.</p>	

Suggestion
<p style="color: red;">1. Install interior fiber cement board over 1/2" FRTW plywood over 5/8" gyp board. Impact resistant gyp. board is not required at interior cement board locations.</p> <p style="color: red;">2. See attached for cement board details at interior openings. Add details 28/A507 and 29/A507.</p> <p style="color: red;">Scott Schuster 4/11/13</p>



Request for Information 112

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 112 Date Created: 4/12/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Pendant Mounted Light Fixtures, Discipline: Architectural/Electrical, Category: Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/19/2013

The plans call for Type N1, N2, and N3 to be pendant mounted. In addition, the drawings call for the conduit feeding these fixtures to be installed in the space between the roof deck and the roof membrane. And finally, the fixture is specified to accommodate daylight harvesting. This combination has created the "perfect storm" of installation problems.

The daylight harvest control circuit is a Class 2 low voltage circuit. The inspector is requiring the control circuit to be installed in a separate raceway from the power conductors. This means we will have four conduits to each fixture outlet box. In addition, the NEC does not allow the outlet box in the space between the roof deck and the roof membrane. The box must be mounted a minimum of 1-1/2" below the roof deck.

The best outlet box which will accommodate four conduits entering from the back of the box is a 4" square box. The fixture weighs 52 pounds plus the weight of the pendant and wiring. Pendant hangers that mount on 4" square boxes are rated for a maximum of 50 pounds. Heavy duty hangers require special boxes will not accommodate the four conduits.

We propose to provide the fixture with a cord and plug which will plug into a receptacle mounted on the 4" square box. The fixture would be hung from an eye bolt and suspended by either chain or aircraft cable adjacent to the outlet box. The NEC requires the cord to be visible for the entire length from where it leaves the fixture to the plug.

Please advise if there is a preference for either chain or aircraft cable is preferred for hanging the fixture. If this is not acceptable, please advise how we are to suspend the fixtures.

Suggestion

Answer Date Answered:

Provide aircraft cable for hanging Type N1, N2 and N3 fixtures. ME&E 4/18/2013



Request for Information 113

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 113 **Date Created: 4/13/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Base flashing at stucco	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	Durango Plastering & Drywall dba 3D Corporation	David Whatcott	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	

Question **Date Required: 4/20/2013**

Per discussion at OAC meeting on April 4, 2013 flashing at the base of the stucco veneer shall be installed per the attached sketch in lieu of flashing shown on 15/A500.

Suggestion

Answer **Date Answered: 4/13/2013**

No response necessary, for documentation only.



Request for Information 114

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 114 Date Created: 4/13/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Subject Discipline Category
Closure between CMU and roof deck Architectural

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts and copy counts.

Question Date Required: 4/20/2013

Re: 6/A303, 14/A503, and interior elevations on A420 and A421

Please verify there is no type of closure required between the top of the CMU wall and the bottom of the deck along the north wall of the main corridor in areas 112 and 113.

Suggestion

Answer Date Answered:

See attached revised detail 14/A503 for closure at the top of the corridor CMU walls.
Scott Schuster
5/15/13



Request for Information 115

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 115 Date Created: 4/16/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Soap & Paper Towel Dispensers, Architectural, Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/23/2013

Please provide dimension/locations for added paper towel dispensers in gang restrooms.

Please advise if paper towel and soap dispensers are need in special ed room, art, kitchen, concessions, prep, science, tech, and teacher work rooms. If so, please provide dimensions/locations.

Suggestion

Answer Date Answered:

See attached sketches. Owner will respond to accessories in the classrooms this week. Rick J. Taves 4/22/14



Request for Information 116

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 116 Date Created: 4/22/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Remote Condensers for Walk-in & Ice maker, Discipline: Arch/Elec/Mech, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/29/2013

Per approved food service equipment submittal, condensers for the ice maker(item #109) and walk-in cooler/freezer(item #129) are to be remote condensers located outdoors.

Per FS-401, items #129 and #109 are to be located "on roof - verify".

Per FS-501, items #129 and #107 are to be located in the architectural. No locations are given in architectural.

Please provide locations for remote condensers for the ice maker and walk-in cooler/freezer.

Suggestion

Answer Date Answered:

See attached sketch for location.
Rick J. Taves
5/24/13



Request for Information 117

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 117 Date Created: 4/22/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: EM Light Fixtures, Architectural/Electrical, Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 4/29/2013

The electricians have been advised that the Dual-Lite fixture specified for EM is not available with both Spectron Self Testing and LED lamps. They can provide this fixture with Halogen lamps and self testing, or they can supply Dual-Lite EV series fixtures which offers both LED lamps and Spectron self testing. Attached please find the description from the manufacturer's agent and data sheets for both the LZ and EV series fixtures.

Please advise how we should proceed.

Suggestion

Answer Date Answered:

Provide the original 2-LED Lamp Head specified fixture without the 'Spectron Self-Test/Self Diagnostic option. Catalog Number: LZ2-03L (White finish). MEE 2013-06-04



Request for Information 118

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 118 **Date Created: 4/23/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Type N3 Fixture Elevation	Architectural/Electrical	Request for Information

Cc: Company Name	Contact Name	Copies	Notes

Question **Date Required: 4/30/2013**

Two previous RFIs give conflicting mounting heights for Type N3 fixture. RFI #79 states 10' AFF and RFI #92 states 14' AFF.

Please confirm the desired mounting height.

Suggestion

Answer **Date Answered:**

N1

Commons - Mount B.O. fixtures 5' below deck
Classroom Corridor

Area 112 (to grid 14) - B.O. fixture 116'-0"
 Area 113 (grids 14-18) - B.O. fixture 114'-6"
 Area 113 (grids 18-21) - B.O. fixture 113'-0"

N2 - 13' AFF
N3 - 11' AFF

Rick J. Taves
 4/29/13



Request for Information 119

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 119 **Date Created: 4/26/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Vertical Stiles for Aluminum Storefronts	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 5/3/2013**

The aluminum storefront company believes if the spec door hardware is required for the aluminum storefront doors, then a wide stile 5" vertical stile door is required. See attachments for cut-sheets.

Please advise.

Suggestion

Answer **Date Answered:**

The 5" vertical stile is acceptable.
Rick J. Taves
4/26/13



Request for Information 121

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 121 Date Created: 4/30/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: base flashing at Cement board flashing. Discipline: Architectural.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts: Steven Stewart, Tim Murphy, Troy Summers.

Question Date Required: 5/7/2013

The base flashing at the fiber cement board siding has been installed per detail 10/A500. Please advise how sidewalks adjacent to the areas with cement board siding shall be placed and not conflict with the base flashing.

Suggestion

Answer Date Answered:

1. Install interior fiber cement board sill per detail 10/A500 where paving allows for 2" space from bottom of cement board to top of paving (with 2" lap over foundation). Where paving grade tapers at entries, refer to attached detail 25/A500. See attached grade points at cement board and paving locations. Scott Schuster 5/9/13



Request for Information 122

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 122 Date Created: 5/1/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Moisture Sensor, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 5/8/2013

The moisture sensor location is on the exterior slab at grid lines M and 13.1. There may be a possibility that the device will cause a trip/falling hazard and become damaged. ACS has proposed 3 options:

Option #1 Move this devise to the chiller courtyard slab in lieu of the slab specified.

Option #2 (recommended) Provide a different device(Danfoss DS-224/824) that can be roof mounted at no cost. Cut sheets attached.

Option #3 Have the control company install a moisture sensor on the wind speed sensor that will cost approximately \$1200 after credit.

Please advise.

Suggestion

Answer Date Answered:

The submitted "Comptus" A70 series weather sensor already has rainfall sensing capabilities. Are you saying this is really Option#3? If so, provide the no cost solution of Option #2. DS 05-02-13



Request for Information 123

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 123 **Date Created: 5/3/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Locker Numbers	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 5/10/2013**

Please provide numbering sequence for the lockers in the locker rooms and corridors.

Suggestion

Answer **Date Answered:**

See attached sketch.
Rick J. Taves
5/28/13



Request for Information 124

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 124 **Date Created: 5/4/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Soffit at high eave classroom corridor	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/11/2013**

Detail 10/A503 does not show any soffit framing below the steel deck however the rake details at these same areas (24, 28, 29/A503) show framing. Please advise if framing shall be added under the deck at detail 10/A503.

Suggestion

Answer **Date Answered:**

No framing at detail 10/A503. Rack details do have framing. Transition at locations shown on AC drawings.
Rick J. Taves
5/6/13



Request for Information 125

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 125 Date Created: 5/6/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Structural Support for Display Case, Discipline: Architectural/Structural, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 5/13/2013

Per detail 29/A506, there shall be 1-1/2" square steel tube shelf supports aligned with the vertical hollow metal frame members.

Please advise if the horizontal tube is to be continuous or if the frame is to be only at each vertical hollow metal member.

Also, please provide a connection detail and thickness of material.

Suggestion

Answer Date Answered:

The 1-1/2" horizontal tubes are to be continuous. The tubes shall be 1-1/2"x1-1/2"x11 GA wall and tack welded to the HM frame. Scott Schuster 5/16/13



Request for Information 126

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 126 **Date Created: 5/7/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Cash Drop Box	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 5/14/2013**

Spec section 105501 calls for a Cash Drop Box (through wall). However, no Cash Drop Box is found on the plans.

Please advise if Cash Drop Box is needed.

Suggestion

Answer **Date Answered:**

Cash drop box is not required. Provide credit.
Rick J. Taves
5/24/13



Request for Information 127

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 127 **Date Created: 5/8/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Window type H	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	

Question **Date Required: 5/15/2013**

Please provide details for window type H, at Vestibule C100B, showing how it shall be installed in relation to the tube steel framing being installed per the structural drawings. Note that the tube steel columns are oriented N-S/E-W so the columns will be on a skew to the window framing.

Suggestion

See attached revised Frame Type H Elevation and new details 25/A606, 26/A606, and 27/A606 for framing at the column locations.
Scott Schuster
5/20/13



Request for Information 128

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 128 **Date Created: 5/8/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Framing at TDD curb	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/15/2013**

- 1) Per 4/A130 the top of the curb is to be parallel with the pitch of the roof, per the building sections on A300 it appears that these curbs are level. Please verify all TDD curbs are to as shown on 4/A130.
- 2) Please advise how the curb framing shown on 4/A130 shall be attached. to the roof.

Suggestion

Answer **Date Answered:**

The curbs are to be pitched with the roof per 4/A130. Attach the TDD curb by screwing through roof insulation into metal decking.
Rick J. Taves
5/8/13



Request for Information 129

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 129 Date Created: 5/13/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Hand Rails in Corridor C110 & C120, Discipline: Architectural, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 5/20/2013

Detail 1/A421 shows hand rails in corridors C110 and C120. Please advise if the hand rails should slope with ramps. Also, the hand rail to the west of the architectural wall is shown to continue onto storefront window system. Please provide handrail attachment detail for storefront.

Suggestion

Answer Date Answered:

1) Handrail is to slope with ramp at detail 1/A421.
2) Extend hand rail and return to column east of grid 13.1
Rick J. Taves
5/31/13



Request for Information 130

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 130

Date Created: 5/13/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Green House Foundation	Structural/Architectural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 5/20/2013**

Please advise if a foundation or slab is needed for the green house (currently the green house is sitting on a treated 4x4 perimeter).

Suggestion

Answer **Date Answered:**

I confirmed with ISD that treated 4x4 foundation for the green house is acceptable.
Rick J. Taves
5/27/13



Request for Information 131

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 131 Date Created: 5/15/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Romero / CR 320, Discipline: Civil.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts and copy counts.

Question Date Required: 5/20/2013

Per discussions during the OAC meeting on May 9, 2013 there is some of the work that was to be done as part of the contract for the middle school adjacent to CR 320 that is now to be included with the work being down by the Town of Ignacio and La Plata County.

Please provide a plan showing the extent of the work to be completed by FCI under the contract for the middle school and what work is to be completed per the contract for the road work.

Note that subgrade prep at the service road is being completed now and will be ready to start curb and gutter prep at the tie-in to CR 320 by 5/17/2013.

Suggestion

Answer Date Answered:

Goff Engineering & Surveying, Inc. Please see attached drawings regarding the shift in CR 320 for the new alignment and a plan showing the existing sidewalk to be a part of the CR 320 improvements. by: Bruce Honisch date: May 24, 2013



Request for Information 132

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 132 **Date Created: 5/15/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Marker Board in Teacher Work A107	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Neil Diamond	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/22/2013**

Per A112 there is to be a 8'-0" x 4'-0" marker board on the east wall of Teacher Work A107, There is approximately 6'-8" between the column at grid lines 12/M and the northern most window in this room along grid line 12. Please advise if marker board shall be relocated to another area or if a smaller board is required.

Suggestion

Answer **Date Answered:**

RTA would prefer to fur out the wall from window to window. This will allow the 8' marker board to be installed. Provide cost for evaluation.
Rick J. Taves
5/31/13



Request for Information 133

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 133 Date Created: 5/15/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Subject Discipline Category
Supply air to Vestibule C100B Mechanical/Plumbing

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts and copy counts.

Question Date Required: 5/22/2013

Per M112 it does not appear that there is conditioned air being supplied to Vestibule C100B Please verify supply air is not required to this area.

If this space is not to be conditioned please advise if the exposed duct needs to be insulated in this area.

Suggestion

Answer Date Answered:

The vestibule does not require direct air conditioning to the space. The non-insulated duct is conditioning the space. DS 5/31/2013



Request for Information 134

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 134 **Date Created: 5/15/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Fixture N2 remote ballasts	Architectural/Electrical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Neil Diamond	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/22/2013**

The fixture type N2 that is to be installed in the Library has a remote ballast, please advise where and how this ballast shall be mounted. Note that if it is desired to install the ballast above the fixture at the deck it must be 1-1/2" below the deck to comply with the electrical code.

Suggestion

Answer **Date Answered:**

Mount ballast as high as possible on glue lam next to fixture.
Rick J Taves
5/31/13



Request for Information 135

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 135 **Date Created: 5/15/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Sectional Overhead Door Conflict	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 5/22/2013**

The two sectional overhead doors (A120-2 & A120-3) in the commons have a conflict with the truss system that attaches to the gluelams. The motor and torsion spring system for the doors is at 16' and sticks off the jam 18" and the metal truss system is at approximately 13' and sticks off the jam less than 6". The door's track will not fit between vertical jam and truss system.

Attached are the sectional overhead door cut sheets and pictures showing conflict. Please advise.

Suggestion

Answer **Date Answered:**

See attached sketch for proposed design of the door track and motor location.
Rick J. Taves
5/23/13



Request for Information 136

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 136		Date Created: 5/15/2013	
Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Return air to ERV's 1 and 2	Mechanical/Plumbing	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Neil Diamond	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/22/2013**

In the classrooms being served by ERV's 1 and 2, the ERV's are to be pulling return air from the ceiling space however the return air chases in the classrooms are sealed off from the remainder of the ceiling space by the soffit that is built around the heat pumps. We believe this is going to create a problem due to having positive pressure in the classroom space and negative pressure above the ceiling. Please advise.

Suggestion

Answer **Date Answered:**

Since the volume is so low the design intent was for air to infiltrate from the classroom space through the lights to the ceiling plenum at 42 cfm per light (see light fixture cutsheet below). The air would continue on to each ERV through the "z" duct fittings described on sheet M112 by keyed note#19. The ERV return air does not need to communicate with the heat pump soffits.
DS 06-04-2013



Request for Information 136

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 136 Date Created: 5/15/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Return air to ERV's 1 and 2, Discipline: Mechanical/Plumbing, Category: (blank)

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. contacts and their copy counts.

Question Date Required: 5/22/2013

In the classrooms being served by ERV's 1 and 2, the ERV's are to be pulling return air from the ceiling space however the return air chases in the classrooms are sealed off from the remainder of the ceiling space by the soffit that is built around the heat pumps. We believe this is going to create a problem due to having positive pressure in the classroom space and negative pressure above the ceiling. Please advise.

Suggestion

Answer Date Answered:

Since the volume is so low the design intent was for air to infiltrate through the lights to the plenum at 42 cfm per light. DS 05-22-2013



Request for Information 137

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 137 **Date Created: 5/22/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
MAU Feeder	Electrical	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 5/29/2013**

Sheet E-131 shows the MAU being fed from circuit MG-35, 37, 39. However, the Panel Schedule for Panel MG on Sheet E603 states circuits MG-35, 37, 39 are to be 1-pole spaces.

Please advise where the MAU is being fed from and the size of break we should supply.

Suggestion

Answer **Date Answered:**

The 'MAU' shall be fed from Panel 'MG', circuit numbers 55,57,59 with a 240V, 3-Pole, 15 Amp circuit breaker.
MEE 2013-06-04



Request for Information 138

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 138 **Date Created: 5/22/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Ansul valve / gas piping in the kitchen	Architectural/Mechanical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Neil Diamond	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/29/2013**

- 1) Per the equipment schedule on sheet FS-201, under remarks for item #49, the gas shut off valve is to be installed in an accessible ceiling space (this is also noted on sheet FS-301). Per the mechanical drawings the ceiling space above the kitchen is a return air plenum. Please advise if acceptable for this gas valve to be installed in the plenum ceiling.
- 2) Please advise if acceptable to run the gas piping in the kitchen exposed on the surface of the wall behind the equipment that it is serving.

Suggestion

Answer **Date Answered:**

- 1. It is acceptable to have the valve in the plenum, unless otherwise instructed by the manufacturer. It would be even better if the valve was below the ceiling near the ansul system to limit cable length and bends.
 - 2. It is acceptable and quite common to run exposed gas piping behind the appliances.
- DS 05-23-13



Request for Information 139

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 139 **Date Created: 5/23/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Floor drains for emergency eyewash stations	Plumbing/Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Neil Diamond	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 5/30/2013**

In both Science Classroom B109 and Science Classroom B106 the floor drains for the emergency eyewash stations were incorrectly installed 2'-8" north of the eyewash stations.

Please advise if acceptable to saw cut and remove the slab from the south edge of the hollow metal door frames to the north edge of the casework and out away from the wall the depth of the case work. We will install new floor drains and re-pour the slab so it will slope to the floor drain.

Suggestion

Answer **Date Answered:**

Proposed solution is acceptable. Replace slab with colored concrete. Provide samples for color selection.

Rick J. Taves

5/23/13



Request for Information 140

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 140 Date Created: 5/23/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Row 1: Locations of N2 and N3 light fixtures in the library, Architectural/Electrical.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists contact information for FCI Constructors, Inc. - Durango.

Question Date Required: 5/30/2013

- 1) Please provide locations where the N3 light fixtures are to be installed in relation to the circulation desk in the library.
2) Per the response to RFI 118 the N2 fixtures in the library are to be hung at 13' AFF, the lighting plans show these fixtures centered on the trusses. The light fixture will conflict with the truss system, please advise if acceptable to hang these fixtures off of the north side of the glu-lam beam.

Suggestion

Answer Date Answered:

1) See attached sketch for light fixture layout.
2) This is acceptable.
Scott Schuster
5/23/13



Request for Information 141

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 141

Date Created: 5/23/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
P-6 Paint Color	Architectural	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 5/30/2013**

Please provide interior accent paint color for P-6 per ASI 26.

Suggestion

Answer **Date Answered:**

P-6 Accent paint color is to match Sherwin Williams "Reflecting Pool" SW6486
Rick J. Taves
5/31/13



Request for Information 142

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 142

Date Created: 5/23/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Solid Surface & P-lam for Serving Counter	Architectural	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 5/30/2013**

Please provide solid surface color and manufacture for serving counter in the kitchen.

Also, please provide plastic laminate color for front panel of serving counter in the kitchen.

Attached is a shop drawing from the approved kitchen equipment submittal with detailed locations of finish surfaces (marked in green).

Suggestion

Answer **Date Answered:**

Solid surface for the serving counter shall be Zodiac "Astral Pearl"
P-Lam for the vertical surface of the service counter shall be Formica 7966-58 "New Burgundy"
Rick J. Taves
5/31/13



Request for Information 143

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 143 **Date Created: 5/28/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Monument Sign	Architectural	Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 6/4/2013**

Please provide location and dimensions for Monument Sign.

Suggestion

Answer **Date Answered:**

See ASI 16 for the monument sign design drawings.
Scott Schuster
6/5/13



Request for Information 144

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 144 Date Created: 5/28/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Power for Sectional Doors in Commons; Discipline: Architectural/Electrical; Category: Request for Information

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists distribution to FCI Constructors, Inc. contacts.

Question Date Required: 6/4/2013
Please provide power and switch locations for Section Overhead doors (A120-2 and A120-3) in the commons.

Suggestion

Answer Date Answered:

Place switches west of door A120-1. Confirmed location on site.
Rick J. Taves
6/20/13



Request for Information 145

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 145 Date Created: 5/28/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Wall Switches for Kiln and Jewelry Hoods. Discipline: Arch/Elec/Mech. Category: Request for Information.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists distribution to FCI Constructors, Inc. - Durango.

Question Date Required: 6/4/2013

Per sheet M601: K3 and K4 are controlled by a wall switch. No wall switches are shown on electrical plans. Please advise.

Suggestion

Answer Date Answered:

Refer to sheet E502, Mechanical Equipment Schedule referencing that the Kiln Hood Exhauster 'K3' and Jewelry Hood Exhauster 'K4' each require a 120V, 1-Pole, 15 Amp Toggle Switch. The Disconnect Switch and Starter Note 'E' references a 20 Amp switch. Utilize the 15 Amp switch in lieu of the 20 Amp switch. Note 'E' also references for the Electrical Contractor to the coordinate the location with the hood installer. (Note: Service Disconnect switch at each exhauster is provided with the respective exhaust fan. See Mechanical Submittals.) MEE 2013-06-04.

Location of switches can be coordinated with RTA on site. Rick J. Taves 6/4/13



Request for Information 146

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 146

Date Created: 5/30/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Irrigation Controller locations	Landscape	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	FCI Constructors, Inc. - Durango	Neil Diamond	1	

Question **Date Required: 6/6/2013**

Per IR1.1 the irrigation controller is to be installed on the southwest corner of the building. We would like to install this controller on the electrical pedestal that is being installed adjacent to the green house. Please advise if acceptable.

Suggestion

Answer **Date Answered:**

No exception taken to proposed relocation of irrigation controller.
Rick J. Taves
5/31/13



Request for Information 147

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 147 Date Created: 5/31/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Subject Discipline Category
Satellite dish for Brainstorm Architectural/Structural

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/7/2013

Per a site visit on 5/31/2013 by Brian Crane, Ignacio School District, and a install crew from Brainstorm internet they would like to install a satellite dish on the roof of the commons at approximately grid lines GG / YY. The dish would be 4ft in diameter and would be mounted to a 4" pipe that would extend 6ft above the roof deck. The dish would require a 1-1/4" conduit from the MDF room to the satellite to install two fiber optic cables.

Please advise if acceptable, if so please provide structural connections required.

Suggestion

Answer Date Answered:

According to on site meeting on 6/13/13 the dish shall be located at approximately grid lines 4 and F. Brainstorm will provide design loads to RTA for details of attachment to the structure or Brainstorm will take full responsibility for dish mounting.
6/17/13
Rick J. Taves



Request for Information 148

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 148 **Date Created: 6/3/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Supply duct off of HP-34	Arch/Elec/Mech	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 6/10/2013**

Per M112 the supply duct coming off of HP-34, is to come straight from the unit into MDF A121A, this crosses over electrical panels "C1" and "MC1" and puts the duct in the code required dedicated electrical space. If the duct is moved it interferes with the other duct in the room or access to the other equipment. Please advise.

Suggestion

Add a gyp board / structural soffit above the panels.

Answer **Date Answered:**

Please see attached photo. Issue is not a code issue but lack of coordination between mechanical and electrical. Only "equipment" that will be affected are fire dampers which can be accessed from opposite side of wall. Please move supply duct to a portion of the 12' wide section of wall that will not conflict with electrical panels.
 MEE 2013-06-06



Request for Information 149

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 149 **Date Created: 6/3/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Projector in Conference Room A115	Architectural/Electrical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	
	Nichols Electric, Inc.	Thom Mosko	1	
	TP Acoustics, Inc. - GJ	Kevin Jacobus	1	

Question **Date Required: 6/10/2013**

Per the attached email the school district would like to install a short throw projector and associated control station on the east wall of Conference A115. This will require gyp board to be removed and re-finished to allow for conduit and wood backing installation.

Suggestion

Answer **Date Answered: 6/3/2013**

No response necessary. Pricing for additional work required to be submitted.



Request for Information 150

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
 222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 150 **Date Created: 6/4/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Condensate lines in classrooms conflicting with ceilings	Architectural/Mechanical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 6/11/2013**
 The condensate drains from the heat pumps is conflicting with the ceiling height in the classroom areas of areas 112 and 113. The elevations of the condensate lines are noted on the attached drawings. Please advise if condensate pumps shall be added or if piping can be routed do a different location.

Suggestion

Answer **Date Answered: 6/6/2013**
 Per onsite Conversation with Rick Taves on 6/6/2013, Per the 2006 IBC the condensate lines can be ran flat. The low end of the condensate line shall be raised up as necessary to avoid conflict with the ceiling grid and provide as much slope as possible away from the connected heat pumps.



Request for Information 151

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 151 Date Created: 6/5/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Electrical Outlet in B123, Discipline: Electrical, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/12/2013

Per E111, no electrical outlet is shown in Custodian Office B123. We roughed-in (1) receptacle centered on the south wall. Please advise if receptacle is needed.

Suggestion

Answer Date Answered:

Please install recptacle per rough-in above. ME& E 2013-06-14



Request for Information 152

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 152 Date Created: 6/5/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Resinous flooring base at wall tile, Discipline: Architectural.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/12/2013

Per the detail for the wall tile in the restrooms, WFT-1 of I001, the resinous flooring base is to run up the wall tile 6". Per the resinous floor installer this will not properly adhere to the tile. Please advise.

Suggestion

Answer Date Answered:

Provide schluter metal at base



Request for Information 152

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 152 **Date Created: 6/5/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Resinous flooring base at wall tile	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
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Question **Date Required: 6/12/2013**

Per the detail for the wall tile in the restrooms, WFT-1 of I001, the resinous flooring base is to run up the wall tile 6". Per the resinous floor installer this will not properly adhere to the tile. Please advise.

Suggestion

See attached drawings for revised resinous flooring base detail.
Scott Schuster
6/6/13



Request for Information 153

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 153 **Date Created: 6/5/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
A1 light fixture in Teacher Work A107	Architectural/Electrical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - Durango	Troy Summers	1	

Question **Date Required: 6/12/2013**

Per E122 there is to be (1) A1 fixture on the north end of Teacher Work A107, the reflected ceiling plan, Sheet AC112, does not show a ceiling in this area, and the A1 fixture is a 2x4 fixture that sits in the grid. Please advise.

Suggestion

Answer **Date Answered:**

Please verify open grid not being installed. If not, recommend substituting one 8' type L fixture perpendicular to fixture shown.
ME&E 2013-06-14



Request for Information 154

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 154 **Date Created: 6/7/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Art Sink	Architectural/Plumbing	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 6/14/2013**

Per sheet P112, the sink on the west wall (GL ZZ) is called out to be a P-4.

Please confirm this sink is a P-4 and not a P-7 (art sink).

Suggestion

Answer **Date Answered:**

This sink will need to be a P-4 to meet A.D.A. access requirements shown on detail #1 on sheet A429.
DS 06-13-13



Request for Information 155

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 155 **Date Created: 6/11/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Voltage for Oven #53	Architectural/Electrical	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Bryan Gadd	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	FCI Constructors, Inc. - GJ	Marc Litzen	1	

Question **Date Required: 6/18/2013**

Per sheet FS-201, item # 53 (Combi Oven) is to be 120 volts.

This specified oven unit is only available with 208 volts. The 208 breaker will result in a cost increase.

Please advise.

Suggestion

Answer **Date Answered:**

This is a gas fired combi-oven that only requires a 120v., 9.0amp electrical connection for controls. See attached cut sheet.

Ben Pollock
Webb Design
June 13, 2013



Request for Information 156

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 156 Date Created: 6/12/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Roller Shades & Overhead Doors, Discipline: Architectural, Category: Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/19/2013

- 1.) Per Approved roller shades submittal, wall switches are needed to control each roller shade groups... Location of switches to be confirmed with RTA on site.
2.) Sectional overhead doors A120-2 and A120-3 in the commons conflict with the roller shades... Mount shades between steel frames. Revise shades to only cover transoms above sectional doors. Eliminate shade at skinny east window. See marks on attached sheets.
3.) We also see a potential problem with these two overhead doors being manually operated by their key switches and the roller shades being operated by the automated controls... Shade to cover transoms only

Attached is a sketch and a sheet from the roller shade submittal.

Suggestion

Answer Date Answered:

Rick J. Taves
6/14/13



Request for Information 157

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 157

Date Created: 6/13/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent	Author RFI Number		

Subject	Discipline	Category
Ceiling in Art C101A	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question

Date Required: 6/20/2013

AC112 calls out for detail 26/A507 to be used between the acoustical ceiling and the gyp board ceiling. Per detail 26/A507 the bottom of the soffit is to be at 12'-0", AC 112 calls for the acoustical ceiling grid to be at 9'-4". We believe this will require a bulk head similar to detail 13/A506. Please advise.

Suggestion

Answer

Date Answered:

Use detail 13/A506 for this bulk head.
Rick J. Taves
6/25/13



Request for Information 158

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 158

Date Created: 6/15/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd
Co-Respondent		Author RFI Number	

Subject	Discipline	Category
Sound Grille at Library	Architectural/Mechanical	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	Trig Masonry dba 3D Corporation	Benson Gladden	1	
	TP Acoustics, Inc. - GJ	Tom Valdes	1	

Question

Date Required: 6/21/2013

Per the attached sketch that was received via email from Scott Schuster on June 14, 2013, the sound grill shown on D5/M401 to be installed in the block wall between the commons and the mechanical mezzanine shall be moved the the framed wall between the Library and the mechanical mezzanine.

Suggestion

Answer

Date Answered: 6/15/2013

For Documentation only. Additional costs will be incurred for this change the walls were framed prior to the sketch being issued, FCI to submit pricing.



Request for Information 159

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 159 **Date Created: 6/15/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Access panel at Break out for ERV-1	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	
	RTA Architects	Stuart Coppedge	1	

Question **Date Required: 6/22/2013**

Per on-site conversation with Stuart Coppedge on June 13, 2013 in order to provide maintenance access to ERV-1 a access point needs to be added in the wood ceiling. Access panel to be made of the same materials as the ceiling framing but will have an angle around the perimeter to keep it in place and allow it to be lifted off when access is needed. See attached sketch.

Suggestion

Answer **Date Answered: 6/15/2013**

No response necessary. For documentation only.



Request for Information 160

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 160

Date Created: 6/19/2013

Answer Company	Answered By	Author Company	Authored By
FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
Sky Light Framing	Architectural/Structural	Request for Information

Cc: Company Name	Contact Name	Copies	Notes
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Question **Date Required: 6/26/2013**

Per on-site conversation with Stuart Coppedge on 6/13, it is acceptable to use 18 gauge 3-5/8" metal studs to frame the skylights in corridor B110 to match detail 14/A506 as long as we maintained outside dimensions per detail 6/A502.

Suggestion

Answer **Date Answered: 6/19/2013**

No response necessary. For informational use.



Request for Information 162

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 162 Date Created: 7/1/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: FRP in Janitor Closets, Dry Storage, & Kitchen Utility Architectural. Category: Request for Information.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. - GJ, Durango, and Durango with contact names and copy counts.

Question Date Required: 7/8/2013

- 1.) Per Interior finishes, the walls in Janitor Closets B108 and C115 are called out to be paint P-1. Per spec section 102623-2.2, custodial mop sinks are required to have plastic paneling. Please advise if a 4' section around the mop sink of FRP is acceptable in Janitor Closets B108, C115 and Kitchen Utility.
2.) Please advise on wall finish for Dry Storage room to the east of the Kitchen. Please note that resinous flooring has already been installed.

Suggestion

Answer Date Answered:

1) 4' section FRP at mop sinks is acceptable.
2) Dry storage can be SC-2, RB-1 and P1.
Rick J. Taves
7/2/13



Request for Information 163

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

Table with 4 columns: RFI #: 163, Answer Company, Answered By, Author Company, Date Created: 7/8/2013, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Table with 3 columns: Subject, Discipline, Category. Subject: Return Air Ducts for HP 19 & 20, Discipline: Mechanical/Plumbing, Category: Request for Information.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. - Durango, RTA Architects, and other contacts.

Question Date Required: 7/15/2013
Per details C1 and C2 on M501:
1.) C1/M501, HP 19 return air duct is called out to be 86" x 4". Actual return air opening on the unit is 77" x 37". Please advise if acceptable. Please give size for OSA duct to louver and size for the return duct open to plenum.
2.) C2/M501, HP 20 return air duct is called out to be 58" x 35". Actual return air opening on the unit is 36" x 37". Please advise if acceptable. Please give size for OSA duct to louver and size for the return duct open to plenum.

Suggestion

Answer Date Answered:
1. The 77"x37" HP19 unit return air opening size is acceptable. Provide a 77"x24" OSA duct to louver and 77"x24" return air duct open to plenum.
2. The 36"x37" HP20 unit return air opening size is acceptable. Provide a 36x14" OSA duct to louver and 36"x14" return air duct open to plenum.
DS 07-10-2013



Request for Information 164

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 164

Date Created: 7/13/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
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Subject	Discipline	Category
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Ceiling transition from Corridor B110 to Hall B120

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question	Date Required: 7/20/2013
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AC111 does not show a soffit between Corridor B110 and Hall B120. Please advise how ceiling shall transition from 10'-4" AFF in B110 to 9'-4" AFF in B120.

Suggestion

Answer	Date Answered:
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Provide a 3-5/8" metals framed gyp board soffit at 9'-4" AFF for transition.
Rick J. Taves
7/15/13



Request for Information 165

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 165 Date Created: 7/13/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Row 1: RTA Architects, Rick Taves, FCI Constructors, Inc. - Durango, Bryan Gadd.

Co-Respondent Author RFI Number

Subject Discipline Category
Skylights in gym and Commons Architectural

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Rows for FCI Constructors, Inc. - Durango with contacts Marc Litzen, Steven Stewart, and Tim Murphy.

Question Date Required: 7/20/2013

Please advise how far the exposed skylight tubes are to extend below the exposed deck in both the gym and the commons. Please note that due to the dimmers in the commons this is a minimum of 24".

Suggestion

Answer Date Answered:

Solo tubes should be as short as possible. In the gym stay tight to deck. In the commons 24" maximum. Rick J. Taves 7/15/13



Request for Information 166

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 166 Date Created: 8/7/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Contains details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Stage Curtain, Discipline: Architectural.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 7/25/2013

- 1) Per phone conversation with Scott Schuster on 7/12/2013 due to lack of available space for the radius track at the south east corner of the stage, the front stage curtain will be split into two sections...
2) Per the attached email from Steve Horner wood blocking will be added in the stud framing to attach the curtain track.
3) The background curatin is to be attached the the wood blocking thru the wood ceiling and insulation except at the areas where the bacround curtain returns 4'-4" on both sides of the stage running north - south.

Suggestion

Answer Date Answered: 8/7/2013

No response necessary, for documentation only.



Request for Information 167

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School
222 CR 320 Ignacio, CO 81137

Project # 40-12-016
Tel: 970-259-8644 Fax: 970-259-8633

FCI Constructors, Inc. - Durango

RFI #: 167

Date Created: 7/26/2013

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent	Author RFI Number

Subject	Discipline	Category
Daylight Harvesting	Electrical	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Bryan Gadd	1	
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question **Date Required: 8/2/2013**

During daylight harvesting, what foot candles are needed?

Suggestion

Answer **Date Answered:**

IESNA Recommended FC Levels are indicated below with artificial light activation
 FC Levels indicated. Recommended FC Activation FC

Corridors	15FC	20FC
Offices/Admin	50FC	45FC
Classrooms	30-45 FC	40FC
Library	30-45 FC	40FC
Commons	20-30 FC	25FC
Gym	40-50 FC	45FC

(Note: Not all areas have daylighting.)
 ME&E Engineering 2013-08-12



Request for Information 168

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 168 **Date Created: 7/26/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Dampers in the Solar Chimneys	Mechanical/Plumbing	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Bryan Gadd	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question **Date Required: 8/2/2013**

The ERV's have dampers in them currently.
Are the independent dampers for the solar chimneys necessary.

Suggestion

Answer **Date Answered:**

The dampers at the solar chimneys are necessary. The damper in the ERV just bypasses the heat exchanger and doesn't isolate outside air from entering the building.
DS 07-30-2013



Request for Information 169

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 169 **Date Created: 7/27/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Bryan Gadd

Co-Respondent	Author RFI Number
---------------	-------------------

Subject	Discipline	Category
Screen Door B116-2	Architectural	

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Steven Stewart	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question **Date Required: 8/3/2013**

Per the door schedule on A600, door B116-2 is to be a screen door. Please provide specifications / details for the desired screen. Note that the daylight dimension in the hollow metal door on site is 30-3/4" x 64-3/4" and 1" thick.

Suggestion

Answer **Date Answered:**

The screen shall set in the glazing channel.
Door screens shall be 18 x 16 mesh 0.011-inch (0.28 mm) diameter aluminum insect screening set in a 0.050-inch (1.27 mm) extruded screen frame.
Rick J. Taves
7/30/13



Request for Information 170

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 170 **Date Created: 7/30/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
R1 Internal Economizer	Mechanical/Electrical	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Bryan Gadd	1	
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question **Date Required: 8/6/2013**

Heat Pump R1 that has been provided by the mechanical contractor has come with its own internal economizer control and has no ability to be overridden in regards to CO2 control. How shall ACSi proceed?

Suggestion

Answer **Date Answered:**

The existing controls on the economizer can be disconnected and the BAS can control the actuator directly. It is a proportional motor and requires a 2-10 V signal. The warranty on the economizer section will be void but this is not an issue now that ACS will have control.
DS 07-30-2013



Automated Control Systems, Inc.



RFI 4

July 29, 2013

TO: FCI Construction
186 Moose Lane
Durango, Colorado 81303

Project: Ignacio Middle School
222 County Road 320
Ignacio, Colorado 81137

ACSI Project No: 213010

To Whom It May Concern,

1. Heat Pump R1 that has been provided by the mechanical contractor has come with its own internal economizer control and has no ability to be overridden in regards to CO2 control. How shall ACSi proceed?

Please feel free to call my office with any questions.

Thank you,

Stephen A. Tapia
Applications Engineer
Automated Control Systems, Inc.
Ph#: 505-881-7070
Fax#: 505-881-9791



Request for Information 171

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 171 Date Created: 7/31/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes contact info for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Values: Bike Racks, Landscape, Request for Information.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 8/7/2013

The (3) bike racks on sheet L1.3 are to be installed in a crusher fines area. However, per bike rack detail 4/L3.4, the bike racks are to be surface mounted. Please advise.

Suggestion

Answer Date Answered: 08/12/2013

Change to Ground Mount. DHM has confirmed with Syd Downs (Downs and Associates) that order has been placed with Victor Stanley Products for Ground-mounted bike racks. Inserted in this doc (page2) is the product detail from www.victorstanley.com showing ground-mount detail.

Follow bollard detail on C109.2 for size of footing. Rick J. Taves 8/12/13



Request for Information 172

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 172 Date Created: 8/1/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. MAU-1, Mechanical/Plumbing, Request for Information.

Table with 5 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. - Durango contacts.

Question Date Required: 8/8/2013

MAU-1 has come with a control panel for the DDC to interface to.

The sequence of operations reads as follows: FAN SPEED CONTROL IS DETERMINED BY THE KITCHEN CONTROL. PANEL'S 0-10VDC SIGNAL GIVEN TO THE BAS AND ONTO THE AIR UNITS FVD. THE MAKE UP AIR UNIT WILL BE ENABLED BASED ON THE DDC OCCUPANCY SCHEDULE. TEMPERATURE SETPOINT WILL BE ADJUSTABLE AT THE REMOTE CONTROL PANEL SUPPLIED WITH THE MAKE UP AIR UNIT.

The makeup air unit MAU-1 only has the ability to be commanded on and off. The speed control will be controlled by the factory panel only (see attached factory wiring diagram).

Will this be an acceptable sequence of control?

Suggestion

Answer Date Answered:

The BAS will provide VFD status, water feed valve and drain valve control of the MAU. The remaining control items will be by kitchen consultants's Halton kitchen panel (fan speed control) and the MAU manufacturer's wall mounted remote panel (temperature control). ME&E 2013-08-13



Request for Information 173

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 173 Date Created: 8/29/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes details for RTA Architects and FCI Constructors, Inc.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: ERV Dampers & Cooling Tower Spray Pumps, Discipline: Mechanical/Plumbing, Category: Request for Information

Cc: Company Name Contact Name Copies Notes

Question Date Required: 9/5/2013

1.) ERV units have outside and exhaust dampers that are controlled by the BAS. Upon enabling the ERV, the dampers will open and duct blowers will be enabled. ACSi has found a problem when the dampers fail and the duct blowers are enabled in occupied mode. There have been no provisions or points provided on the contract documents for damper failure. How shall ACSi proceed?
2.) Cooling tower spray pump failure has occurred recently and the system has supplied 120 degree F water to the heat pumps. The heat pumps are able to sufficiently work with water temperature up to 110 degrees F. There are no spray pump status points or requirements on the contract documents. How shall ACSi proceed upon spray pump failure?

Suggestion

Answer Date Answered:

1) I'm not sure its worth adding a \$1000 safety device (programmed airflow measuring station) to protect a \$170 fan motor.
2) Provide a high water temperature alarm (>120deg.F.) to the system indicating to maintenance that something with the fluid cooler has failed (i.e spray pump, cooler fan, 3-way valve, etc.). Lock out pumps P3 and P4 if water temperatures exceed 125deg.F. Through original programming this locks out all heat pumps.
DS 09-05-2013



Automated Control Systems, Inc.



RFI 5

August 1, 2013

TO: FCI Construction
186 Moose Lane
Durango, Colorado 81303

Project: Ignacio Middle School
222 County Road 320
Ignacio, Colorado 81137

ACSI Project No: 213010

To Whom It May Concern,

1. Make Unit Air Unit MAU-1 has come with a control panel for the DDC to interface to. The sequence of Operation reads as follows:
FAN SPEED CONTROL IS DETERMINED BY THE KITCHEN CONTROL.
PANELS'S 0-10VDC SIGNAL GIVEN TO THE BAS AND ON TO THE AIR UNITS VFD.
THE MAKE UP AIR UNIT WILL BE ENABLED BASED ON THE DDC OCCUPANCY SCHEDULE. TEMPERATURE SETPOINT WILL BE ADJUSTABLE AT THE REMOTE CONTROL PANEL SUPPLIED WITH THE MAKE UP AIR UNIT.

The Make Unit Air Unit MAU-1 only has the ability to be commanded on and off. The speed control will be controlled by the factory panel only (See Attached Factory Wiring Diagram). Will this be an acceptable sequence of control?

Please feel free to call my office with any questions.

Thank you,

Stephen A. Tapia
Applications Engineer
Automated Control Systems, Inc.
Ph#: 505-881-7070
Fax#: 505-881-9791



Request for Information 174

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 174 Date Created: 9/5/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Author Company: FCI Constructors, Inc. - Durango, 186 Moose Lane, Durango, CO 81303. Authored By: Steven Stewart

Table with 2 columns: Co-Respondent, Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Kitchen MAU & Exhaust Hood, Discipline: Mechanical/Plumbing, Category: Information

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes

Question Date Required: 9/12/2013

- 1.) The Exhaust fan is currently shown to be enabled by the BAS system on a scheduled time. We recommend to keep it wired to the BAS, but do not put it on a schedule at this time. The owner will have the flexibility to do that if they wish.
2.) The exhaust fan is operated by the exhaust hood control panel, which senses heat from the stoves and turns on the fan and turns it off when it cools down. Please put an Hand on/off/auto switch on the control panel for local control.
3.) The make-up air unit is turned on when the exhaust fan is turned on. This unit has its own control panel mounted on the hood, which allows the user to turn the unit to heating or cooling and the control sequence shows this unit being controlled by the BAS. This is not correct since the unit is not the primary source of heating or cooling. Our suggestion would be to allow the unit to operate independent of the BAS and monitor status. Fan speed signal from the food service consultants Marvel control panel needs to be connected to the MAU. The BAS needs to control the fill/drain 3-way valve.
4.) The other control piece of the MAU is the block and bleed valve and the drain valve. The drawings show this is 2 valves, but it is actually (1) 3-way valve. This valve would be open all the time to fill when the temperature is above 60 degree F. Close (normally closed) to drain at 40 degree F. This gives us a larger fill/drain window so it's not draining all the time. When the temperature drops, the valve will close and dump.

Suggestion

Answer Date Answered:

This is a confirming RFI, no response is necessary.



Request for Information 176

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 176 Date Created: 9/16/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Additional data / Phone drops in Mechanical Room. Discipline: Electrical. Category: Request for Information.

Table with 4 columns: Cc, Company Name, Contact Name, Copies, Notes. Lists FCI Constructors, Inc. - Durango contacts: Bryan Gadd, Marc Litzen, Tim Murphy.

Question Date Required: 9/23/2013

We believe that (2) data drops are going to be required in the mechanical room to allow the BMS controller to connect to the control station being installed at the new Administration Building.

Please Advise.

Suggestion

Answer Date Answered:

Yes the two data drops are required. Rick J. Taves 9/20/13



Automated Control Systems, Inc.



RFI 6

August 28, 2013

TO: FCI Construction
186 Moose Lane
Durango, Colorado 81303

Project: Ignacio Middle School
222 County Road 320
Ignacio, Colorado 81137

ACSI Project No: 213010

To Whom It May Concern,

1. ERV units have outside and exhaust dampers that are controlled by the BAS. Upon enabling the ERV, the dampers will open and duct blowers will be enabled. ACSi has found a problem when the dampers fail and the duct blowers are enabled in occupied mode. There have been no provisions or points provided on the contract documents for damper failure. How shall ACSi proceed?
2. Cooling tower spray pump failure has occurred recently and the system has supplied 120 degree F water to the heat pumps. The heat pumps are able to sufficiently work with water temperature up to 110 degrees F. There are no spray pump status points or requirements on contract documents. How shall ACSi proceed upon spray pump failure?

Please feel free to call my office with any questions.

Thank you,

Stephen A. Tapia
Applications Engineer
Automated Control Systems, Inc.
Ph#: 505-881-7070
Fax#: 505-881-9791



Request for Information 175

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School Project # 40-12-016 FCI Constructors, Inc. - Durango
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 175 Date Created: 9/9/2013

Table with 4 columns: Answer Company, Answered By, Author Company, Authored By. Includes RTA Architects and FCI Constructors, Inc. - Durango.

Co-Respondent Author RFI Number

Table with 3 columns: Subject, Discipline, Category. Subject: Boiler emergency shutoff, Discipline: Mechanical/Plumbing.

Cc: Company Name Contact Name Copies Notes

Question Date Required: 9/16/2013

During an inspection from the school districts insurance company boiler inspector, we were told that the boilers must have an emergency shutoff per boiler code. An emergency shut off is not shown on the drawings please advise.

Suggestion

Answer Date Answered:

Provide red mushroom boiler shut off switch at boiler room door to de-energize the boiler burner assembly on both boilers when activated. Provide engraved label "Boiler Emergency Shut Off". ME&E 2013-10-03



Request for Information 177

Detailed, RFIs Grouped by RFI Number

40-12-016 - Ignacio Middle School **Project # 40-12-016** **FCI Constructors, Inc. - Durango**
222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 177 **Date Created: 9/17/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
ADA Door Actuator key Switch	Architectural/Electrical	Request for Information

Cc:	Company Name	Contact Name	Copies	Notes
	FCI Constructors, Inc. - Durango	Marc Litzen	1	
	FCI Constructors, Inc. - Durango	Bryan Gadd	1	
	FCI Constructors, Inc. - Durango	Tim Murphy	1	

Question **Date Required: 9/24/2013**

Spec Section 87100 (page 18 of 42) - Sequence of Operation #4:

Please clarify what kind of wall mounted key switch is needed for enabling/disabling the outside ADA actuator. The key switch is only listed in the sequence of operations and not in the hardware schedule. Please also give location for key switch if one is needed.

Suggestion

Answer **Date Answered:**

- 1) Wall mounted key switch is not intended at this opening. On/off/hold open rocker switch is located directly on ADA unit.
- 2) Delete note #4 from sequence of operation.



Request for Information 178

Detailed, RFIs Grouped by RFI Number

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222 CR 320 Ignacio, CO 81137 Tel: 970-259-8644 Fax: 970-259-8633

RFI #: 178 **Date Created: 9/25/2013**

Answer Company	Answered By	Author Company	Authored By
RTA Architects 19 South Tejon Street, Suite 300 Colorado Springs, CO 80903	Rick Taves	FCI Constructors, Inc. - Durango 186 Moose Lane Durango, CO 81303	Steven Stewart

Co-Respondent **Author RFI Number**

Subject	Discipline	Category
Solar Chimney Relief Damper		Request for Information

Cc: Company Name **Contact Name** **Copies** **Notes**

Question **Date Required: 10/2/2013**

Per M601:

The contract document sequence of operations reads as follows:

"The solar chimney relief damper will open to maintain building pressure of a positive 0.02" W.C. and also described in the night purge sequence."

However, there have been no provisions on the contract document "Motorized Windows & Solar Chimneys" Points List for such point requirement.

How shall ACSi proceed?

Suggestion

Answer **Date Answered:**

ACSi shall follow the sequence of operation. A differential pressure sensor will need to be added to the outside and one somewhere within the main corridor.
ME&E 10/1/13