

CONTRACT CHANGE ORDER

City of Tuscaloosa Office of the City Attorney

CHANGE ORDER NO. 1

DATE: 12/15/15 PROJECT: The Gateway

TO: J.T. Harrison Construction Co., Inc.
(Contractor)

TERMS: You are hereby authorized, subject to the provisions of your Contract for this project, to make the following changes thereto in accordance with the attached Change Order Request and supporting documents and to

FURNISH the necessary labor, materials and equipment to

- Cor #1 12-10-15 1) Underground IT conduit modification, floor outlet modification, floor outlet modification and auxiliary conduits in Training 121.
- Cor #2 12-10-15 2) Concrete slab mixture modification and floor receptacles block out to minimize slab cracking.
- Cor #3 12-10-15 3) Electrical and IT modifications for IT Closet #111 - Datacom, Telecom, AV and associated items.
- Cor #5 12-10-15 4) Coordination for FFE and IT, door adjustment at IT Closet #111, soffit modification, delete wood trim at Video Wall, omit the millwork for the Kiosk Station (will be provided by IT FFE)

TOTAL ADDITION OR REDUCTION TO CONTRACT PRICE:

(Note: Numbers in parentheses are deductions).

ORIGINAL CONTRACT PRICE	\$	<u>1,966,500.00</u>
LESS CONTINGENCY/ALLOWANCE	\$	<u>0.00</u>
NET ORIGINAL CONTRACT PRICE	\$	<u>1,966,500.00</u>
Net total of previous Change Orders	\$	<u>0.00</u>
Previous revised Contract Price	\$	<u>1,966,500.00</u>
This Change Order No. <u>1</u> <input checked="" type="checkbox"/> Add <input type="checkbox"/> Deduct	\$	<u>64,261.07</u>
Revised Contract Price this date	\$	<u>2,030,761.07</u>

Extension of time resulting from this Change Order Zero (Indicate No. of calendar days).

The amount of this Change Order will be the responsibility of Owner

This Contract Modification constitutes full and mutual accord and satisfaction for all time and all cost related to this change. By acceptance of this Contract Modification, the Contractor hereby agrees that the modification represents an equitable adjustment to the Contract, and further, agrees to waive all right to file any further claims or changes arising out of or as a result of this change, or the accumulation of executed Contract Modifications on this Contract.

The Contractor and Owner(s) hereby agree to the terms of this Change Order as contained herein.

CONSENT OF SURETY

CONTRACTING PARTIES

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA J.T. Harrison Construction Co., Inc.
(Company) (Contractor)

By: Peggy Thomaston
PEGGY THOMASTON, ATTORNEY-IN-FACT

By: [Signature]
(Authorized Representative)

RECOMMENDED
By: Wally Burch
Ward Scott Architecture, Inc.
(Design Architect)

CITY OF TUSCALOOSA
By: [Signature]
(Mayor)

**CHANGE
ORDER
REQUEST**

CITY OF TUSCALOOSA
LEGAL DEPARTMENT

OWNER:

CITY OF TUSCALOOSA

ARCHITECT/ENGINEER:

Ward Scott Architecture, Inc.

CONTRACTOR:

J.T. Harrison Construction Co., Inc.

PROJECT:

The Gateway

CHANGE ORDER REQUEST NO.

1

DATE 12-10-15

1. DESCRIPTION OF CHANGE: ASI #2 - Site Underground IT conduit and floor outlet modifications.

2. CHANGE ORDER COSTS:

\$-3,766.74

Proposal Attached

Yes

Cost Estimated/Proposal Required

Item	Quantity	Material Unit Price	Labor (Hours)	Labor Unit Price	Sub-Total Cost
a. See Attachments					
b.					
c.					
d.					
e.					
f.*					
TOTAL:					

*If more than 6 items, provide attachments.

3. INSTITUTED BY: Owner/Architect

4. JUSTIFICATION OF NEED: change in underground caused by in field conditions discovered when underground data was uncovered in the field. Also includes floor outlet modifications to correspond to furniture layout changes after the notice to proceed.

5. JUSTIFICATION OF CHANGE ORDER VERSUS COMPETITIVE BIDDING: Contractor is on site and change is less than 10% of the contract.



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 222405

Certificate No. 006282298

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Walter W. Gary, Thomas W. Moore, Thomas Henry Bonhaus, Marlin Ducan Moore III, Peggy Thomaston, Madison Andrew Hudson, and Brandon M. LaBresh

of the City of Tuscaloosa, State of Alabama, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 29th day of May, 2015.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 29th day of May, 2015, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin B. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have herunto set my hand and affixed the seals of said Companies this 16TH day of DECEMBER, 20 15

Kevin B. Hughes
Kevin B. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



ARCHITECT'S SUPPLEMENTAL INSTRUCTION

NO.: 002

DATE: August 31, 2015

TO: Harrison Construction
ATTN: Lance Wyatt, PM
FROM: WSA

WARD SCOTT PROJECT NO: 14-028

Description: Site Underground IT conduit and floor outlet modifications.

- 1. Site -Underground IT Conduit Modifications** - Per on-site meeting with Engineer, Architect, City IT Consultant on 8/28/15, existing duct bank locations were identified to be different than original design documents. Modifications for underground conduit to Tech Center are described in attached revisions by RHSmith dated 8-31-15.
- 2. Floor Outlet modifications** – per coordination meeting with FFE and IT, the (4) floor outlets have been added (see new note on drawing), and 6 floor outlets have been adjusted with new dimensions – see attached Sheet A601. All revisions have been clouded. See architectural and electrical drawings.
- 3. Auxiliary Conduits in Training 121** – resized conduit at podium floor box – see attached.

Attachments:

RHSmith cover letter 8-31-15
E100 – Site Plan (revisions clouded)
E101 – Power Plan (revisions clouded)
E301 – Auxiliary Plan (revisions clouded)
A601 – Equipment Plan (revisions clouded)

Wayne Dennis AIA, BD+C
Ward Scott Architecture

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.

6. COSTS REVIEW: The costs were reviewed by RH Smith and TALA, and are fair.

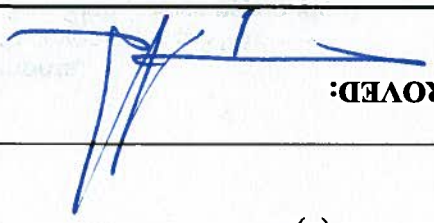
7. THIS CHANGE IS SUBMITTED FOR REVIEW AND APPROVAL AND IS CLASSIFIED AS THE FOLLOWING TYPE:

- Minor change of a total monetary value less than required for competitive bidding.
- Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.
- Emergencies arising during the course of work.
- Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.
- Change of relatively minor terms not contemplated when the plans and specifications were prepared and the project was bid and which are in the public interest and do not exceed 10% of the Contract Price.

8. EXTENSION OF TIME REQUESTED: Calendar Days: Zero (0)

RECOMMENDED:

APPROVED:



BY: Tuscaloosa's Consulting Architect

BY: Contractor

BY: City Representative

BY: Owner's Legal Advisor

BY: Owner's Authorized Representative

**SUPPLEMENTARY
INSTRUCTIONS**



R.H. Smith & Associates, PC

Consulting Engineers

2110 Eighth Street, Tuscaloosa, AL 35401

Phone/Fax 205 345 4402

PROJECT: Alberta Technology Center	ENG JOB NO# 1451	DATE: August 31, 2015
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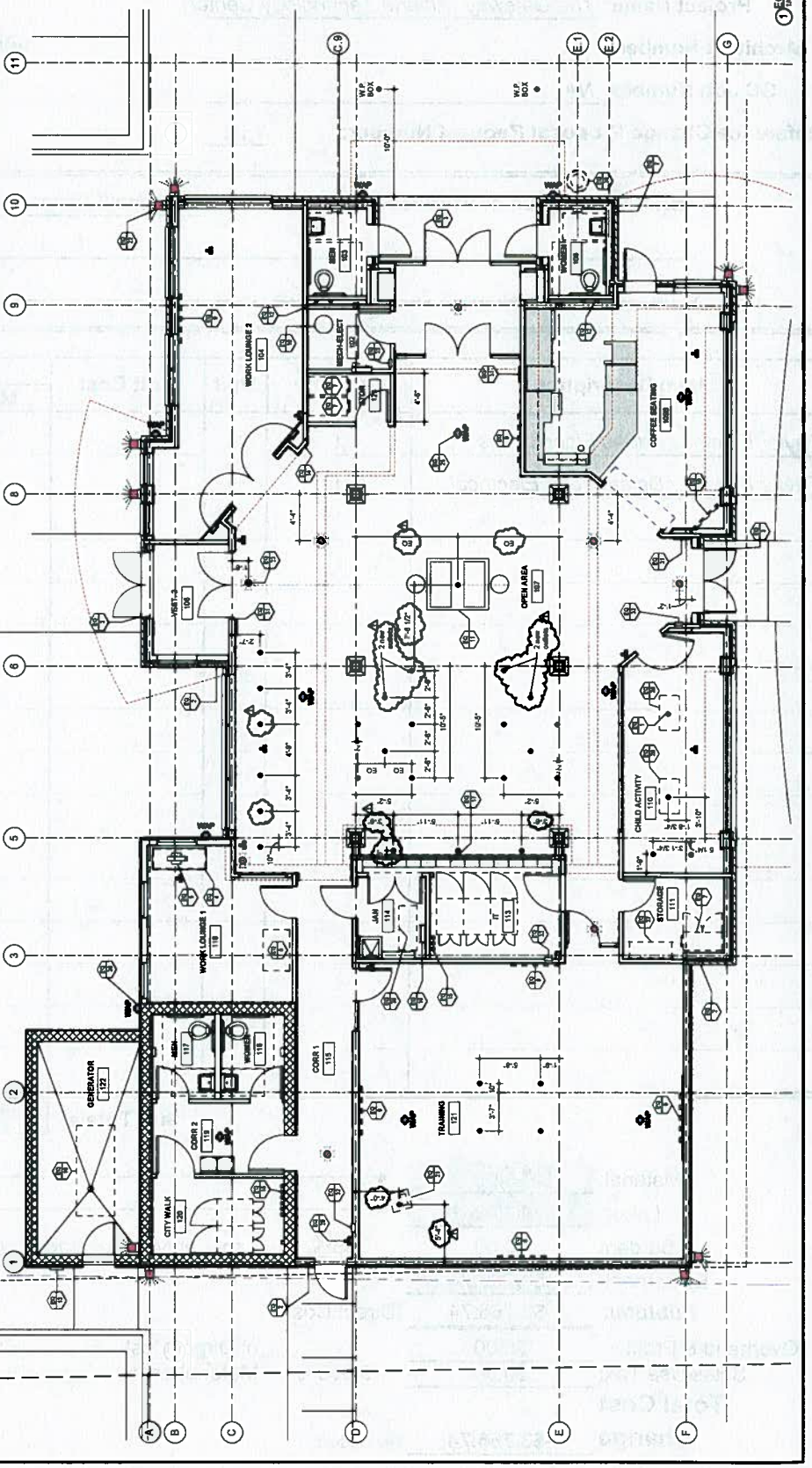
ELECTRICAL:

1. Sheet E100: (Sheet Reissued) See attached sheet for revisions.
2. Sheet E101: (Sheet Reissued) See attached sheet for revisions.
3. Sheet E301: (Sheet Reissued) See attached sheet for revisions.

END OF SUPPLEMENTARY INSTRUCTIONS

Item No.	Description	Manufacturer/Contractor Info	Installed By
1	FLOOR OUTLET	POWER COMPANY - SEE ELECTRICAL FOR WALL MOUNTED ENCLOSURE AT FLOOR AND	OC
2	EXIT SIGN (REAR PORTION)	WALL INTO BOX COMBUST TO CEILING TRAY FOR FUTURE BY	OC
3	EXIT SIGN (FRONT PORTION)	WALL INTO BOX COMBUST TO CEILING TRAY FOR FUTURE BY	OC
4	MOBILE CART	WALL FOR 30" HIGHER SUPPORTABLE	OC
5	30" PRINTER	120V OUTLET, DATA DROP BY OC. SEE ELECTRICAL	OC
6	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
7	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
8	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
9	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
10	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
11	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
12	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
13	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
14	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
15	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
16	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
17	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
18	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
19	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
20	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
21	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
22	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
23	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
24	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
25	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
26	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
27	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
28	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
29	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
30	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
31	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC
32	30" TV	WALL MOUNTED, PROVIDE DATA AND ADDITIONAL AN INPUT BOX & 12" APT. SEE ELEC	OC

GENERAL NOTE:
 1. EQUIPMENT SCHEDULE AND INFO IS FOR COORDINATION PURPOSES OF GC, VENDORS, AND OWNER.
 2. COFFEE SHOP DRAWINGS ARE INCLUDED ON SEPARATE SHEET.
 3. ALL COFFEE SHOP EQUIPMENT IS TO BE INSTALLED BY GC.



Contractor Change Proposal / Cost Breakdown Form

Date: 12/9/2015
Contractor Name: Harrison Construction Co., Inc.
Project Name: The Gateway (Alberta Technology Center)
Architect Name: WS Architects
Subcontractor Name: N/A
Reference Change Proposal Request Number: 1R
GC Job Number: NA
Architect Number: _____
Initiated By: Owner/Architect GC Subcontractor
 (Check One)

Brief Description of Proposed Change: Electrical Changes per ASI #002

Item/Description	Quantity	Unit	Unit Cost	Material	Labor	Sub-Bid
Taylor Electric / Added Floor Boxes	1	is				\$3,715.83
Taylor Electric / Deleted Site Electrical	1	is				-\$7,482.57
Sub Totals:						
				\$0.00	\$0.00	-\$3,766.74

Material: \$0.00
Labor: \$0.00
Burden: \$0.00
Equipment: -\$3,766.74
Subtotal: -\$3,766.74
Overhead & Profit: \$0.00
Sales/Use Tax: \$0.00
Total Cost: -\$3,766.74
Change: -\$3,766.74

Deduct
 Add
 9.000% Material only of Direct Cost

38% Labor only (percentages will vary)

**Alberta Tech ASI #002 Credit
Totals (Detailed) - Bid Summary: Default**

Job Number 2312
 Bid Date 12/9/2015
 Bid Time 4:34:00 PM
 Square Footage 0

Material Totals

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extended</u>
06 Underground/Site	\$1,606.32	0.00 %	\$1,606.32
07 Misc	2,025.00	0.00 %	2,025.00
Total	\$3,631.32		\$3,631.32
Sales Tax (0.00%)			\$0.00
Total Material			\$3,631.32

Labor Hours

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extended</u>
06 Underground/Site	37.50	0.00 %	37.50
07 Misc	81.00	0.00 %	81.00
Total	118.50		118.50

Labor Rates

<u>Category</u>	<u>% of Total</u>	<u>Hours</u>	<u>Base Rate</u>	<u>Burden \$</u>	<u>Burden %</u>	<u>Extended</u>
Electrician	100.000	118.500	\$25.00	7.50	30.000	\$3,851.25
Total	100.000	118.500	x \$32.50 (average of labor rate w/burden) =			\$3,851.25

Non-Productive Labor

<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Factor</u>	<u>Extended</u>
Total				\$0.00

Total Labor \$3,851.25
Job Subtotal (Prime Cost) \$7,482.57

Overhead (0.00%) 0.00

Profit (0.00%) 0.00

Job Total \$7,482.57

Actual Bid Price \$7,482.57

Material to Direct Labor ratio: 0.49

**Alberta Tech ASI 002
Totals (Detailed) - Bid Summary: Default**

Job Number 2255
 Bid Date 9/1/2015
 Bid Time 12:43:00 PM
 Square Footage 0

Material Totals

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extended</u>
01 Raceway, Fittings & Boxes	\$160.82	0.00 %	\$160.82
02 Wire & Cable	21.84	0.00 %	21.84
06 Underground/Site	123.95	0.00 %	123.95
07 Misc	7.55	0.00 %	7.55
Total	\$314.16		\$314.16

Quoted Material

1 - Fixtures (Supplier #1)	\$1,617.00
Total	\$1,617.00
Sales Tax (0.00%)	\$0.00
Total Material	\$1,931.16

Labor Hours

<u>Division</u>	<u>Extended</u>
Direct Labor Hours (Lump sum)	40.00

Labor Rates

<u>Category</u>	<u>% of Total</u>	<u>Hours</u>	<u>Base Rate</u>	<u>Burden \$</u>	<u>Burden %</u>	<u>Extended</u>
Electrician	100.000	40.000	\$25.00	7.50	30.000	\$1,300.00
Total	100.000	40.000	x \$32.50 (average of labor rate w/burden) =			\$1,300.00

Non-Productive Labor

<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Factor</u>	<u>Extended</u>
Total				\$0.00
Total Labor				\$1,300.00
Job Subtotal (Prime Cost)				\$3,231.16
Overhead (15.00%)				484.67
Profit (0.00%)				0.00



1040 LONDON DR
 BIRMINGHAM AL 35211-4542
 Phone: 205-244-2600
 Fax: 205-326-3350

To: TAYLOR ELEC CONTRACTORS
 5479 SKYLAND BLVD E
 COTTONDALE AL 35453-1963
 Attn: Jonathan
 Phone: 205-553-0958
 Fax: 205-553-0391
 Email: jason.robb@graybar.com

Date: 11/23/2015
 Proj Name:
 GB Quote #: 0223430517 Rev-2
 Valid From: 09/02/2015
 Valid To: 10/02/2015
 Contact: Jason Robb
 Email: jason.robb@graybar.com

Proposal

We Appreciate Your Request and Take Pleasure in Responding As Follows

Item	Quantity	Supplier	Catalog Nbr	Description	Price	Unit	Ext.Price
100	4 EA	WIREMOLD	RFB4E-OG		\$170.00	1	\$680.00
200	4 EA	WIREMOLD	RFB6DP	INTERNAL DUPLEX RECEPTACLE BRACKET	\$11.51	1	\$46.04

GB Part #: 25636641 UPC #: 78856405992

300	4 EA	WIREMOLD	RFB6GFI		\$11.51	1	\$46.04
400	4 EA	WIREMOLD	6CTCNK	6IN COVER ASSEMBLY SURFACE-NICKEL	\$211.23	1	\$844.92

GB Part #: 25167200 UPC #: 78656406796

Total in USD (Tax not Included): \$1,617.00

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

To learn more about Graybar, visit our website at www.graybar.com

24-Hour Emergency Phone#: 1-800-GRAYBAR

Subject to the standard terms and conditions set forth in this document. Unless otherwise noted, freight terms are F.O.B. shipping point prepaid and bill. Unless noted the estimated ship date will be determined at the time of order placement.

**CHANGE
ORDER
REQUEST**

**CITY OF TUSCALOOSA
LEGAL DEPARTMENT**

OWNER:

CITY OF TUSCALOOSA

ARCHITECT/ENGINEER:

Ward Scott Architecture, Inc.

CONTRACTOR:

J.T. Harrison Construction Co., Inc.

PROJECT:

The Gateway

CHANGE ORDER REQUEST NO.

2

DATE 12-10-15

1. DESCRIPTION OF CHANGE: Change slab concrete to pea gravel mix, block out around electrical boxes.

2. CHANGE ORDER COSTS:

\$6,938.75

Proposal Attached

Yes

Cost Estimated/Proposal Required

<i>Item</i>	<i>Quantity</i>	<i>Material Unit Price</i>	<i>Labor (Hours)</i>	<i>Labor Unit Price</i>	<i>Sub-Total Cost</i>
a. See attached documentation					
b.					
c.					
d.					
e.					
f.*					
TOTAL:					

*If more than 6 items, provide attachments.

3. INSTITUTED BY: Architect

4. JUSTIFICATION OF NEED: The large quantity of floor outlet boxes and their location caused a condition that everyone involved felt would lead to cracking in the slab. It was decided to create block outs over the boxes in question, and to change the concrete design mix with a smaller aggregate to help minimize the potential for cracking of the slab. The value added to the project by this change helped alleviate potential issues that had the potential to create major delays and future cost for the project.

5. JUSTIFICATION OF CHANGE ORDER VERSUS COMPETITIVE BIDDING: Contractor is on site and change is less than 10% of the contract.

6. COSTS REVIEW: the costs were reviewed and are fair and equitable to the owner.

7. THIS CHANGE IS SUBMITTED FOR REVIEW AND APPROVAL AND IS CLASSIFIED AS THE FOLLOWING TYPE:

- Minor change of a total monetary value less than required for competitive bidding.
 - Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.
 - Emergencies arising during the course of work.
 - Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.
 - Change of relatively minor terms not contemplated when the plans and specifications were prepared and the project was bid and which are in the public interest and do not exceed 10% of the Contract Price.
-

8. EXTENSION OF TIME REQUESTED: Calendar Days: Zero (0)

RECOMMENDED:

BY: _____
Tuscaloosa's Consulting Architect

BY: _____
City Representative

APPROVED:

BY: _____
Contractor

BY: _____
Owner's Legal Advisor

BY: _____
Owner's Authorized Representative



MINUTES OF MEETING

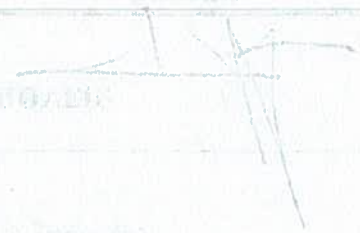
Date:	10/14/15
Subject:	slab pour/floor box issues
Project Name:	Alberta Tech
Project No.:	14-028
Owner:	City of Tuscaloosa, Alabama (A15-0513)
Architect:	Ward Scott Architecture, Inc.

Those Present: Cliff Penick, Kim McMurray, Scott Dollar, Wally Burge, Lance Wyatt

Please note discrepancies in meeting minutes, if any, and identify these at the next meeting or email wally@ward-scott.com.

After much discussion it was decided that the pour would proceed with the only change being a change in the concrete design mix, and blocking out over the tops of the floor boxes. It was decided to go with a 4000 psi "pea gravel" mix in order to help alleviate cracking, and to mount 2 layers of plywood over the tops of the boxes. This block-out will be filled with an epoxy grout at a later date.

- [Illegible text]
- [Illegible text]
- [Illegible text]
- [Illegible text]
- [Illegible text]
- [Illegible text]





October 13, 2015

Mr. Lance Wyatt
Harrison Construction Company, Inc.
P.O. Box 21300
Tuscaloosa, Alabama 35402

Re: Alberta Technology Center – Communication Boxes & Concrete Slab

Dear Mr. Wyatt:

We have received your letter dated October 12, 2015 discussing the concerns related to the structural integrity of the 4" welded wire fabric reinforced concrete slab –on-grade in conjunction with the numerous communication floor boxes and their associated conduit.

Our project representatives met with you on-site Wednesday October 7th for field observations for the floor boxes. Our architect / engineer representatives determined the boxes have been installed per the manufacturer's recommendations and concluded the concrete slab should commence to be poured. A field report from both the structural engineer, Scott Dollar and the electrical engineer, Matthew Ledet, RH Smith & Associates, noting their field observations are attached. In addition at the October 7th on-site meeting the owner's representative, Clif Penick, was present for the discussion. Mr. Penick understands the risk associated with the potential for the concrete at the box locations to crack and has agreed with the direction to proceed with the concrete pour.

Attached find the field reports and the manufacturer's recommendation. It was our determination at the jobsite on October 7th that the contractor and owner acknowledged this risk and agreed that if cracking does occur, subsequent repairs may be required. As you request, this letter notifies Harrison Construction to proceed with the concrete slab as defined with the construction documents and with no additional time extensions.

Sincerely,
Ward Scott Architecture

A handwritten signature in blue ink that reads "Kimberly N. McMurray".

Kimberly Newton McMurray, AIA, EDAC, MBA
Associate Principal

Copy to: Mr. Clif Penick
Mr. Wally Burge

Enclosed: Neel-Schaffer Construction Observation Report, dated October 7, 2015
RH Smith Associates, Project Observation Report, dated October 12, 2015
LaGrande Manufacturer's Recommendation for Floor Box Installation

Construction Observation Report

Project Name:	Alberta Technology Center
Neel-Schaffer Project No.:	NS.12689
Architect:	Ward Scott Architects
Contractor:	Harrison Construction
Neel-Schaffer Inspector(s):	Scott Dollar
Date of Site Visit:	October 7, 2015
Report No.:	CR-1

Observations/Comments:

A site visit was performed to observe the general construction of the referenced project. At the time of the site visit, the column footings were poured and the masonry walls were partially constructed. The contractor was continuing to erect the masonry walls in addition to prepping the building pad in anticipation of the concrete pour for the slab on grade.

The primary purpose of the site visit was to discuss the slab on grade construction with the architect, owner, and contractor. Approximately 32 electrical boxes are sporadically located throughout the slab on grade. The boxes allow for only roughly 1 1/2" of concrete thickness above the box. The box manufacturer indicates this is the typical and recommended construction for these boxes. However, the concern expressed while on site was the possibility and likelihood of concrete cracking around the boxes as a result of the abrupt concrete thickness change at the boxes. Several options were discussed to reduce the risk of cracking such as blocking out the boxes and applying an epoxy grout on the tops of the boxes. Ultimately, it was decided to pour the concrete without the block-outs. Additional #3 bars around the boxes will be added to mitigate the cracking. Nevertheless, some cracking will likely still occur despite these measures. The contractor and owner acknowledged this risk and agreed that if cracking does occur, subsequent repairs may be required.

PROJECT OBSERVATION REPORT



R.H. Smith & associates p.c.

Consulting Engineers

2110 Eighth Street, Tuscaloosa, AL 35401

Phone/Fax 205 345 4402

PROJECT: Alberta Technology Center	ENG JOB NO# 1451	DATE: October 12, 2015
---	-----------------------------------	---

To: Ward Scott Architecture

An observation was made on this day and the following items were noted:

ELECTRICAL:

1. Floor boxes have been installed according to manufacturer's installation instructions (prior to concrete pour).

END OF PROJECT OBSERVATION REPORT

From: Randy Smith

To: Wally Burge; Kimberly McMurray

Cc: matthew@rthsmithpc.com

Subject: Fw: Alberta Tech - Floor Boxes POR

Date: Tuesday, October 13, 2015 11:07:51 AM

Response from Wiremold.

Randall H. Smith, PE, LEED AP

President

R.H. Smith & Associates, PC

Consulting Engineers

2110 8th Street

Tuscaloosa, AL 35401

205-345-4402

----- Forwarded message -----

From: Paul F Blackstone <paul.blackstone@legrand.us>

Date: Tue, Oct 13, 2015 at 11:02 AM

Subject: FW: Alberta Tech - Floor Boxes POR

To: Randy Smith <randy@rthsmithpc.com>

Randy,

Please see response below from our floor box product manager, and let me know if this information is helpful. Thanks you.

Sincerely,

Paul Blackstone, CSI-CDT, RCDD

Sr. Specification Consultant

Market Development Group

Legrand, North America

Cell 205.441.0965

paul.blackstone@legrand.us

www.legrand.us

Cablotti | Ortronics | Pass & Seymour | Wiremold

From: Michael COLE
Sent: Tuesday, October 13, 2015 10:49 AM
To: Paul F Blackstone

Subject: RE: Alberta Tech - Floor Boxes POR

Paul,

The feedback we have received from the field is most customers like 1" of concrete from the top of the box to the top of the concrete pour. This thickness is based on the concrete cracking concerns. The RFB4E floor box was designed to take this feedback into account and has 1 13/16" of concrete over the top of the metal portion of the floor box. If the cover is going to be flush with the finished concrete floor, I recommend the using the RFB4E-CTR which will add an additional 1/4" of concrete to the pour height. We introduced the RFB4E a few years ago, and I have not heard any feedback to date from anyone saying the concrete has cracked around the floor boxes. If the amount of concrete over the top of the box that I just laid out is still a concern, than I would suggest looking at one of the other RFB boxes and using the PKER extension rings as a way of increasing the amount of concrete over the top of the boxes.

Thanks,

Michael Cole

Senior Product Manager, Wiremold

ELECTRICAL WIRING SYSTEMS

Legrand, North America

[860.263.3473](tel:860.263.3473) / Fax [860.231.1812](tel:860.231.1812) / Cell [860.906.8288](tel:860.906.8288)

michael.cole@legrand.us

www.legrand.us

From: Paul F Blackstone
Sent: Tuesday, October 13, 2015 9:46 AM
To: Michael COLE
Subject: FW: Alberta Tech - Floor Boxes POR
Importance: High

Mike,

Please see the statement below from the electrical engineer on a local school project.

Please respond in writing, so I can relay your response in writing to him.

This is urgent.

Thanks.

Sincerely,

Paul Blackstone, CSI-CDT, RCDD

Sr. Specification Consultant

Market Development Group

Legrand, North America

Cell 205.441.0965

paul.blackstone@legrand.us

www.legrand.us

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From: Randy Smith [mailto:randy@rsmithpc.com]
Sent: Tuesday, October 13, 2015 8:24 AM
To: Paul F Blackstone
Subject: Fwd: Alberta Tech - Floor Boxes POR

Paul,

This is concerning RFB4E-OG floor boxes. Concrete contractor will not pour the slab because he doesn't think there is enough concrete between the box and surface.

Randy

Randall H. Smith, PE, LEED AP
President
R.H. Smith & Associates, PC

Consulting Engineers
2110 8th Street
Tuscaloosa, AL 35401
[205-345-4402](tel:205-345-4402)

----- Forwarded message -----

From: **Clif Penick** <cpenick@tuscaloosa.com>
Date: Tue, Oct 13, 2015 at 7:41 AM
Subject: RE: Alberta Tech - Floor Boxes POR
To: Lance Wyatt <lw Wyatt@harrison-const.com>, Randy Smith <randy@rhsmithpc.com>, "Tim Lewis (tlewis@talapro.com)" <tlewis@talapro.com>
Cc: Tim Harrison <tharrison@harrison-const.com>

We need get a Legrand representative to weigh in before we pour. It's their box designed to their standards. This is not the first time that we have had a problem with a manufacturer's installation details (step lights).

-----Original Message-----

From: Lance Wyatt [mailto:lw Wyatt@harrison-const.com]
Sent: Tuesday, October 13, 2015 6:41 AM
To: Clif Penick
Cc: Tim Harrison
Subject: RE: Alberta Tech - Floor Boxes POR

Clif,

I have a letter that will be going to Ward Scott this morning expressing our concern with the slab being poured as specified.

Since last Wednesday I have had Tim Harrison, my concrete sub-contractor, my concrete superintendent, and now Junior Alexander all express concern about the slab cracking and crumbling. The slab may turn out to be fine, it may crack and crumble. We won't know until we pour it, but we have the opportunity right now to address this issue pre-pour verses post pour. A letter from Randy Smith may satisfy the Inspection Department but it isn't going make the slab any more durable. I have a few ideas regarding what we could do but these should come from the Architect and Structural Engineer. I don't want to be standing in that building in a year and everyone pointing fingers. Let's fix it now and avoid unnecessary headaches and heartache down the road. I'm traveling today but can be reached via e-mail or cell phone. I will call you when I land in about an hour and a half.

Lance

-----Original Message-----

From: Clif Penick [mailto:cpenick@tuscaloosa.com]
Sent: Tuesday, October 13, 2015 6:23 AM
To: Lance Wyatt <lw Wyatt@harrison-const.com>

Subject: Re: Alberta Tech - Floor Boxes POR

Alan said it falls under the EF's responsibility.

Sent from my iPad

> On Oct 12, 2015, at 9:21 PM, Lance Wyatt <lw Wyatt@harrison-const.com> wrote:

> Cliff,

> This is the electrical engineer, I think we need the structural engineer to sign off!

> Lance

> -----Original Message-----

> From: Cliff Penick [<mailto:cpenick@tuscaloosa.com>]

> Sent: Monday, October 12, 2015 9:08 PM

> To: Lance Wyatt <lw Wyatt@harrison-const.com>

> Subject: Fwd: Alberta Tech - Floor Boxes POR

> Sent from my iPad

> Begin forwarded message:

> From: Cliff Penick <cpenick@tuscaloosa.com>

> Date: October 12, 2015 at 3:59:28 PM CDT

> To: Alan Boswell

> <aboswell@tuscaloosa.com>>, Thirl Alexander

> <tal Alexander@tuscaloosa.com>

> Subject: FW: Alberta Tech - Floor Boxes POR

> Please let me know if you need anything else.

> From: Wally Burge [<mailto:wBurge@ward-scott.com>]

> Sent: Monday, October 12, 2015 3:52 PM

> To: Lance Wyatt; Kimberly McMurray

> Cc: Cliff Penick

> Subject: FW: Alberta Tech - Floor Boxes POR

Ce message, ainsi que tous les fichiers joints à ce message, peuvent contenir des informations sensibles et/ou confidentielles ne devant pas être divulguées. Si vous n'êtes pas le destinataire de ce message (ou que vous recevez ce message par erreur), nous vous remercions de le notifier immédiatement à son expéditeur, et de détruire ce message. Toute copie, divulgation, modification, utilisation ou diffusion, non autorisée, directe ou indirecte, de tout ou partie de ce message, est strictement interdite. **Se désabonner:** Si vous souhaitez être retiré de notre liste de diffusion, s'il vous plaît envoyer vos

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December 12, 2015

Kim McMurray, AIA
Ward Scott Architecture
2715 Seventh Street
Tuscaloosa, AL 35401

Re: The Gateway – Change Order Request #1

Dear Mrs. McMurray,

The referenced change order is in regards to the use of block-outs and a pea gravel mix in the concrete slab on grade. The purpose behind using the block-outs and pea gravel mix was to accommodate the floor electrical boxes. As you are aware, these boxes are located throughout the concrete slab. The boxes have a "lip" around the cover that would only allow for roughly 1" - 1 1/2" of concrete cover. In addition, conduit extends from the sides of the boxes and runs throughout the slab. Therefore, the concern was raised that the concrete would likely crack at the transition from the box lips to the full depth concrete. The block-outs were recommended to prevent this transition and provide a joint around the boxes. Furthermore, the pea gravel mix was used to reduce the size of the aggregate in order to minimize cracking around the conduit. Please let me know if you have any questions.

Sincerely,

NEEL SCHAFER, INC.



Scott Dollar, P.E.



HARRISON CONSTRUCTION CO., INC.

P. O. Box 21300
Tuscaloosa, AL 35402
Phone: 205-333-1120
Fax: 205-333-2542
E-mail: info@harrison-const.com

October 15, 2015

Wally Burge – Project Manager

Ward Scott Architecture

2715 7th Street

Tuscaloosa, AL 35401

Re: Alberta Technology Center

Dear Wally,

We are in receipt of the letter from Kim McMurray dated October 13, 2015, addressing the electrical floor boxes and the concrete slab. The letter directed us to pour the slab-on-grade per the Contract Documents.

As you know, much has developed since the issuance of that letter.

Discussion regarding the concrete pour occurred in the 10/14/2015 9:00 AM OAC and continued in the subsequent phone conference at 12:30 PM. Included in the 12:30 call were Clif Penick, Kim McMurray, Scott Dollar, yourself, and I. On the conference call, Harrison Construction was directed to change the concrete mix design to a 4000 psi Pea Gravel mix and to “block out” each of the 32 boxes so that no concrete will be poured over the boxes. No specific direction was provided regarding how this block out will be addressed in the future, when floor covering will be installed.

I am writing to inform you that this change does carry monetary and time implications.

The Pea Gravel concrete mix typically cost \$11 per cubic yard more than standard mix. I have requested the exact cost from USA Concrete. We plan on placing 2(ea) back to back 14” x 14” (¾”) plywood sheets over the boxes to form the block out. We are still trying to determine our means and methods on how to mechanically mount these to the boxes. These block-outs will also create additional finishing difficulties and will require substantial hand troweling. It could result in multiple pours. We will have to flesh that out as we start this process today. If I had to estimate the additional cost associated with this process, I would say it will be in the \$12,000 range, depending on the number of pours. I suggest that we proceed on a time and material basis in order to be fair to the Owner and to Harrison Construction. This letter is the only documentation of these changes.

Finally, Harrison Construction is not in acceptance with the last statement in the above referenced letter denying time extensions. Please tell what basis this statement was made upon. How can a 10 day delay in pouring a 5,000(st) slab, with the structural steel laying on the ground onsite, not be a critical path activity? Remember we also added 4(ea) floor boxes that required additional time to install as well.

Also, early on in the project I addressed the issue with the Notice to Proceed being dated 8/17/2015 and the Sales Tax Exemption Certificate being received executed on 8/24/2015. Receiving the Notice to Proceed and not being able to purchase materials is not acceptable. Once we received the Sales Tax Agreement we had to distribute it to our Sub-Contractors so that they could register. Harrison Construction encouraged the Owner to apply with the State based on Letter of Intent, but the Owner would not apply until the Contract was executed. In reality, it was 14 days before our sub-contractors could order materials. The Contract time should be extended 14 days due to this issue.

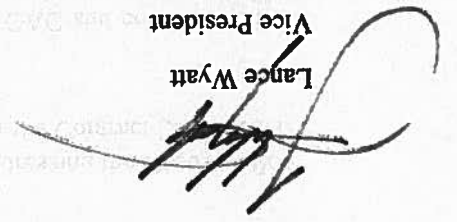
This project was bid based on the aggressive duration per the Contract Documents. Our General Conditions are based on the project lasting 175 days. Harrison Construction will absorb substantial cost if the project goes beyond the projected duration. However, absorbing Liquidated Damages or paying sub-contractors overtime to make up for lost time that we did not cause is not fair or acceptable.

I look forward to discussing this with you.

Sincerely,

Harrison Construction Company, Inc.

Lance Wyatt
Vice President



**CITY OF TUSCALOOSA
LEGAL DEPARTMENT**

**CHANGE
ORDER
REQUEST**

OWNER: CITY OF TUSCALOOSA

ARCHITECT/ENGINEER: Ward Scott Architecture, Inc.

CONTRACTOR: J.T. Harrison Construction Co., Inc.

PROJECT: The Gateway

CHANGE ORDER REQUEST NO. 3 **DATE** 12-10-15

1. DESCRIPTION OF CHANGE: ASI 3R-4R - Inclusion of power, data and mechanical for new technology related changes. See attached documentation for complete scope.

2. CHANGE ORDER COSTS: \$67,967.15

Proposal Attached Yes **Cost Estimated/Proposal Required**

<i>Item</i>	<i>Quantity</i>	<i>Material Unit Price</i>	<i>Labor (Hours)</i>	<i>Labor Unit Price</i>	<i>Sub-Total Cost</i>
a. See attached documentation					
b.					
c.					
d.					
e.					
f.*					
TOTAL:					

*If more than 6 items, provide attachments.

3. INSTITUTED BY: Owner

4. JUSTIFICATION OF NEED: The addition of a 2nd video wall in the Children's Room and the creation of a 3rd IT Closet #111 requires modification and additional power, data and air conditioning. This scope change aslo included infastructure required to deliver these components to the correct locations in the building was also required.

5. JUSTIFICATION OF CHANGE ORDER VERSUS COMPETITIVE BIDDING: Contractor is on site and change is less than 10% of the contract.

Owner's Authorized Representative

BY:

Owner's Legal Advisor

BY:

City Representative

BY:

Tuscaloosa's Consulting Architect

BY:

Contractor

BY:

APPROVED:

RECOMMENDED:

[Handwritten signature]

8. EXTENSION OF TIME REQUESTED: Calendar Days: Zero (0)

- Change of relatively minor terms not contemplated when the plans and specifications were prepared and the project was bid and which are in the public interest and do not exceed 10% of the Contract Price.
- Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.
- Emergencies arising during the course of work.
- Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.
- Minor change of a total monetary value less than required for competitive bidding.

7. THIS CHANGE IS SUBMITTED FOR REVIEW AND APPROVAL AND IS CLASSIFIED AS THE FOLLOWING TYPE:

6. COSTS REVIEW: See Attached reviews.



ARCHITECT'S SUPPLEMENTAL INSTRUCTION

**NO.: 03R-
4R**

DATE: September 15, 2015

TO: Harrison Construction
ATTN: Lance Wyatt, PM
FROM: WSA

WARD SCOTT PROJECT NO: 14-028

Description: Site Underground IT conduit and floor outlet modifications. Revision from 3-4 adds power outlets in room A111.

- 1. R H Smith Electrical and Auxiliary changes** – per coordination meeting with FFE and IT, the attached drawings show changes to Mechanical systems, conduit runs and auxiliary services.
- 2. TALA Professional Services** — per coordination meeting with FFE and IT, the attached drawings show changes to Datacom, Telecom, A/V and associated services.

Attachments:

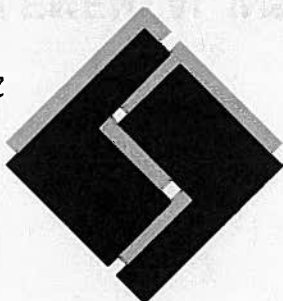
RHSmith cover letter 10-14-15
E001 – Electrical details (revisions clouded)
E002 – Electrical panels (revisions clouded)
E101 – Power Plan (revisions clouded)
E102 – Roof and upper area Power Plan (revisions clouded)
E301 – Auxiliary Plan (revisions clouded)
M101 – Partial revised HVAC Plan (revisions clouded)
TALA Memo/ASI cover letter 10/7/15
TD01 – Datacom/telecom(revisions clouded)
TD101.1 – Datacom/telecom(revisions clouded)
TD102 – Datacom/telecom, A/V(revisions clouded)
TD102.1 – Datacom/telecom, A/V(revisions clouded)
TD201 – room/cabinet fiber layout(revisions clouded)
TD403 – A/V Conduit/ Door Layout details(revisions clouded)

Wally Burge
Ward Scott Architecture

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.

SUPPLEMENTARY INSTRUCTIONS

R.H. Smith & associates p.c.
 Consulting Engineers
 2110 Eighth Street, Tuscaloosa, AL 35401
 Phone / Fax 205 345 4402



PROJECT:	Alberta Technology Center
ENG JOB NO#	1451
DATE:	Oct. 14, 2015

HVAC:

1. Sheet M101, HVAC SCHEDULE:
 - a. Add "FCU #5, FAN COIL UNIT, MITSUBISHI #PKA-A24KA, 2 TON NOMINAL CAPACITY, WALL MOUNT, WIRED WALL MOUNT CONTROLLER, CONDENSATE PUMP"
 - b. Add "AC #5, AIR CONDITIONER, MITSUBISHI #PUZ-A24NHA3, 2 TON NOMINAL CAPACITY, 17 SEER, 208V/60/1, 18 MCA, 25A RECOMMENDED FUSE, BACNET INTERFACE"
2. Sheet M101, HVAC PLAN:
 - a. Mount FCU #5 8'-0" aff on south wall of I.T. 111.
 - b. Route refrigerant piping up through roof portal to AC #5 on roof.
 - c. Pump condensate to floor sink in JAN 114.
 - d. Install thermostat on North wall, next to door.
3. Sheet M102, ROOFTOP HVAC PLAN:
 - a. Mount AC #5 on equipment rails north of AC #3.

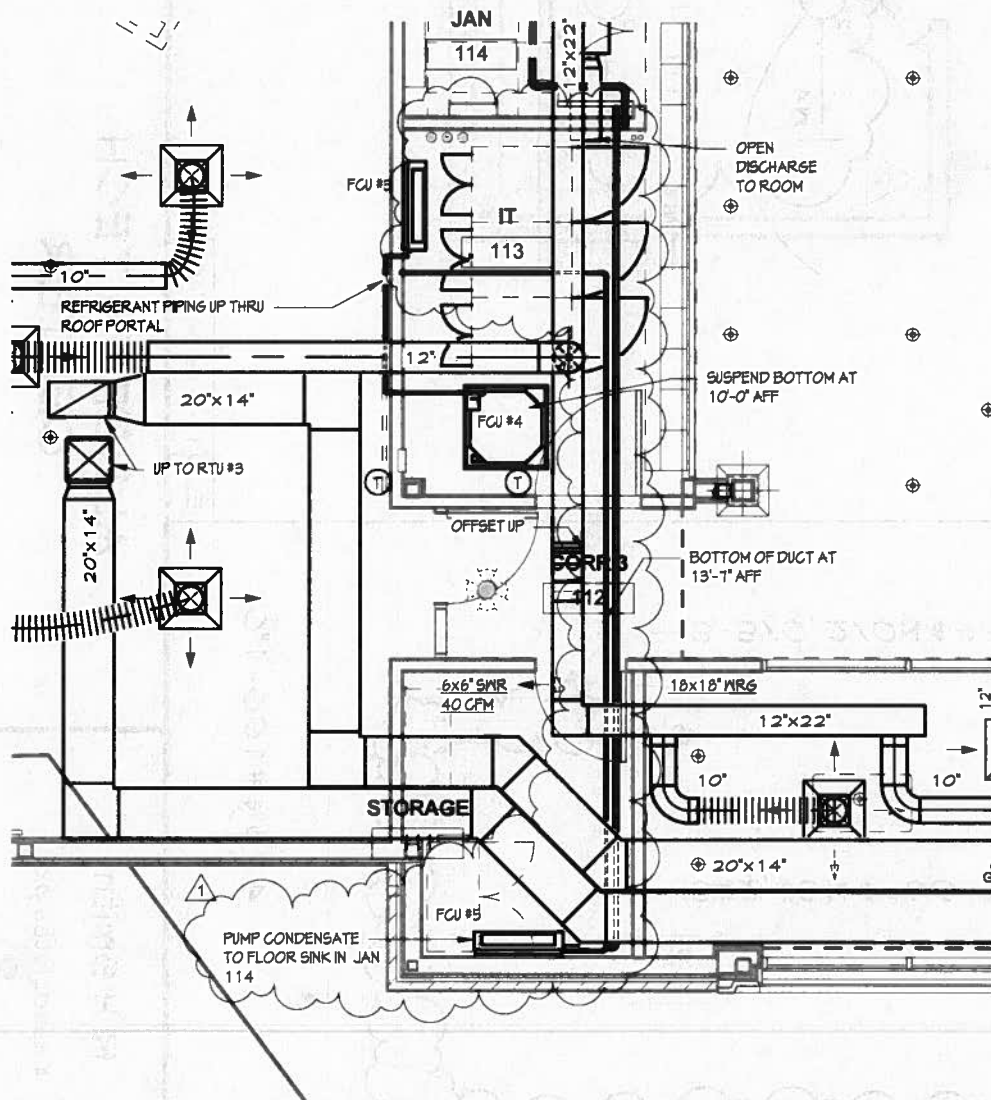
Electrical:

1. Sheet E001, Riser Diagram: See attached sheet (1 of 1) for revisions.
2. Sheet E002: (Sheet Reissued) See sheet for revisions.
3. Sheet E101: (Sheet Reissued)
 - a. Work Lounge 2 104: Removed 2 duplex receptacles.
 - b. Coffee Bar 109A: Added 1 duplex receptacle.
 - c. Coffee Seating 109B:
 - i. Revised 1 duplex receptacle height to 84" AFF.
 - ii. Added 1 duplex receptacle.
 - d. Child Activity 110: Relocated 1 duplex receptacle.
 - e. I.T. 111:
 - i. Removed 3 duplex receptacles.
 - ii. Relocated 1 duplex receptacle.
 - iii. Added panel 'S3'.
 - iv. Added plugmold.
 - v. Added connection to FCU #5.
 - vi. Added 5 duplex receptacles.
 - vii. Added 2 NEMA L6-30 receptacles.
 - viii. Added wall outlet for thermostat.
 - f. Training 121:
 - i. Revised 4 special height duplex receptacle heights to 78" AFF.
 - ii. Relocated 2 duplex receptacles.
 - iii. Added 4 duplex receptacles.
 - g. Vestibule 101:
 - i. Relocated 1 duplex receptacle.
 - ii. Added 2 duplex receptacles.

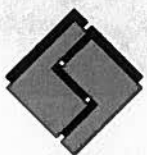
- h. Open Area 107:
 - i. Relocated 3 duplex receptacles from 18" AFF to 5" AFF.
 - ii. Removed 5 duplex receptacles.
 - iii. Added 6 duplex receptacles.
 - iv. Added 2 wall-mounted j-boxes.
 - v. Added motorized shade controls.
- 4. Sheet E102: (Sheet Reissued)
 - a. Revised specific note 2.
 - b. Revised motorized shade provisions.
 - c. Added connection to new AC #5.
- 5. Sheet E201, I.T. 111: See attached sheet (1 of 1) for revisions.
- 6. Sheet E301: (Sheet Reissued)
 - a. Revised 'Auxiliary General Note'.
 - b. Auxiliary Symbol List:
 - i. Revised 'Copper Ground Bus Terminal'.
 - ii. Added 'Future Wall Speaker'.
 - c. Specific Notes:
 - i. Revised specific notes '1' & '4'.
 - ii. Added specific note '5'.
 - d. Exterior: Removed 1 future camera location.
 - e. Work Lounge 2 104:
 - i. Removed 4 wall communication outlets.
 - ii. Removed 2 wall A/V outlets.
 - iii. Added 1 wall A/V outlet.
 - iv. Added 1 future ceiling speaker.
 - f. Stor 123: Added 2 wall communication outlets.
 - g. Coffee Bar 109A: Added 1 wall A/V outlet.
 - h. Coffee Seating 109B:
 - i. Revised 1 wall A/V outlet height to 84" AFF.
 - ii. Removed 2 wall communication outlets.
 - iii. Added 1 wall communication outlet.
 - iv. Added 1 wall A/V outlet.
 - v. Added 2 future ceiling speakers.
 - i. Child Activity 110:
 - i. Removed 1 wall communication outlet.
 - ii. Added 1 wall A/V outlet.
 - iii. Added 2 future ceiling speakers.
 - iv. Added 1 future camera location.
 - j. I.T. 111:
 - i. Removed 3 wall communication outlets.
 - ii. Relocated 2 wall communication outlets.
 - iii. Added 2 wall communication outlets.
 - iv. Added 6 EZ-path units above door.
 - v. Added copper ground bus terminal.
 - vi. Added smoke detector.
 - vii. Added specific notes '1' & '2'.
 - k. I.T. 113:
 - i. Revised entrance conduit description to match site electrical plan.
 - ii. Relocated EZ-path units to above door.
 - iii. Added (2) 2" Empty tie conduits with pull cords between 'I.T. 113' and 'I.T. 111'
 - l. Training 121:
 - i. Revised 4 special height wall A/V outlet heights to 78" AFF.
 - ii. Removed 5 wall communication outlets.
 - iii. Added 5 wall communication outlets.
 - iv. Added 2 future ceiling speakers.
 - v. Added 2 future camera locations.

END OF SUPPLEMENTARY INSTRUCTIONS

- m. Work Lounge 1:
 - i. Relocated 1 future ceiling speaker location.
 - ii. Added 1 wall AV outlet.
 - iii. Added 1 future ceiling speaker.
 - iv. Added 1 future camera location.
- n. Vestibule 101:
 - i. Relocated 1 wall communication outlet.
 - ii. Removed 1 future ceiling speaker.
 - iii. Added 2 wall AV outlets.
- o. Open Area 107:
 - i. Relocated 2 wall communication outlets from 18" AFF to 5" AFF.
 - ii. Relocated 2 future ceiling speakers.
 - iii. Removed 11 wall communication outlets.
 - iv. Removed 2 future camera locations.
 - v. Removed 3 wall AV outlets.
 - vi. Removed 1 future ceiling speaker.
 - vii. Added 7 wall communication outlets.
 - viii. Added 2 future camera locations.
 - ix. Added 5 wall AV outlets.
 - x. Added 5 future ceiling speakers.
 - xi. Added 1 ceiling communication outlet.
 - xii. Added 2 future wall speakers.
- p. Corridor 1: Revised special height wall communication outlet height above door to 96" AFF.
 - q. Vestibule 106:
 - i. Removed 1 future ceiling speaker.
 - ii. Added 1 future camera location.



1	M101 - SI	SCALE: 1/4" = 1'-0"
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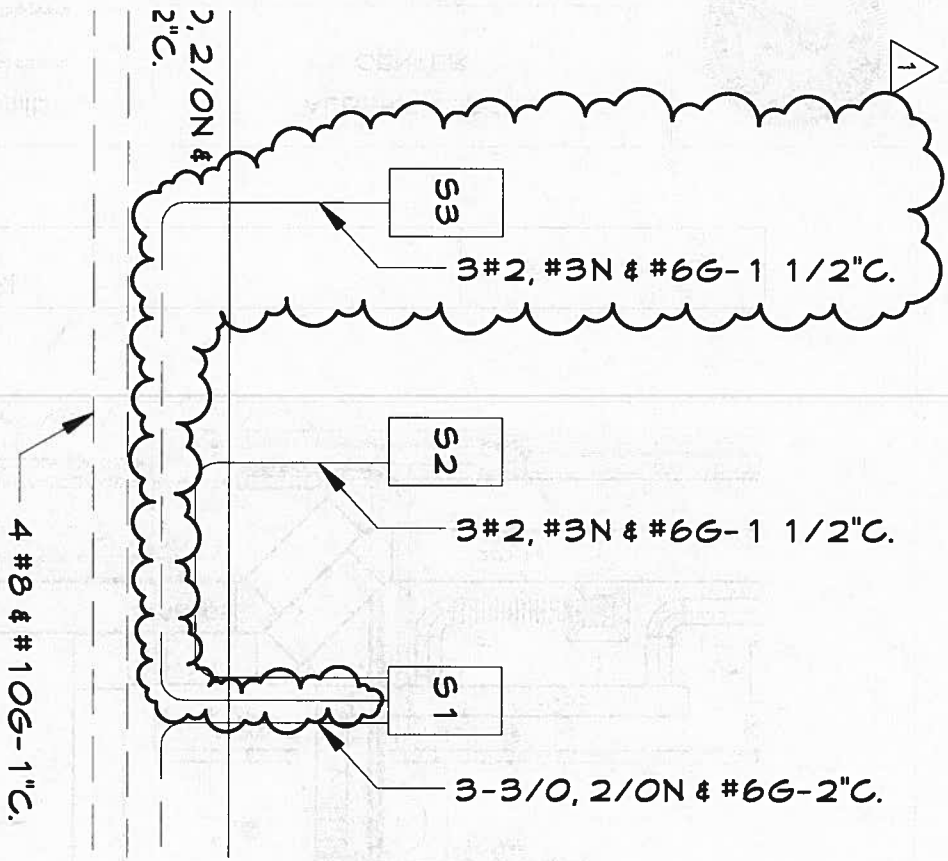
R H Smith
 & associates p.c.
 Consulting Engineers

2110 Eighth Street ♦ Tuscaloosa, Alabama 35401
 Phone/Fax 205 545 4402 ♦ E-mail: info@RHSmithPC.com

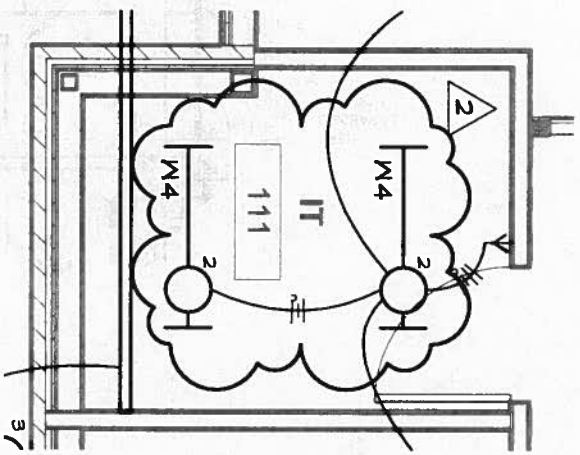
**ALBERTA TECH
 CENTER**

Revision#	M101(#1)	Sheet#	M101
Date:	10/14/15	Scale:	AS NOTED
Drawn By:	JCK	Drawing#	1 OF 1

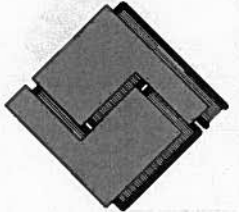




EOO1 - NO SCALE



E201 - 1/4" = 1'-0"

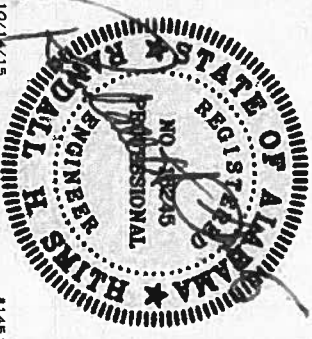


R H Smith
 & associates p.c.
 Consulting Engineers

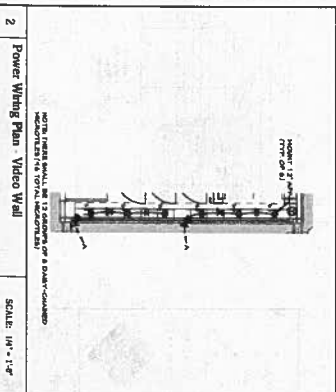
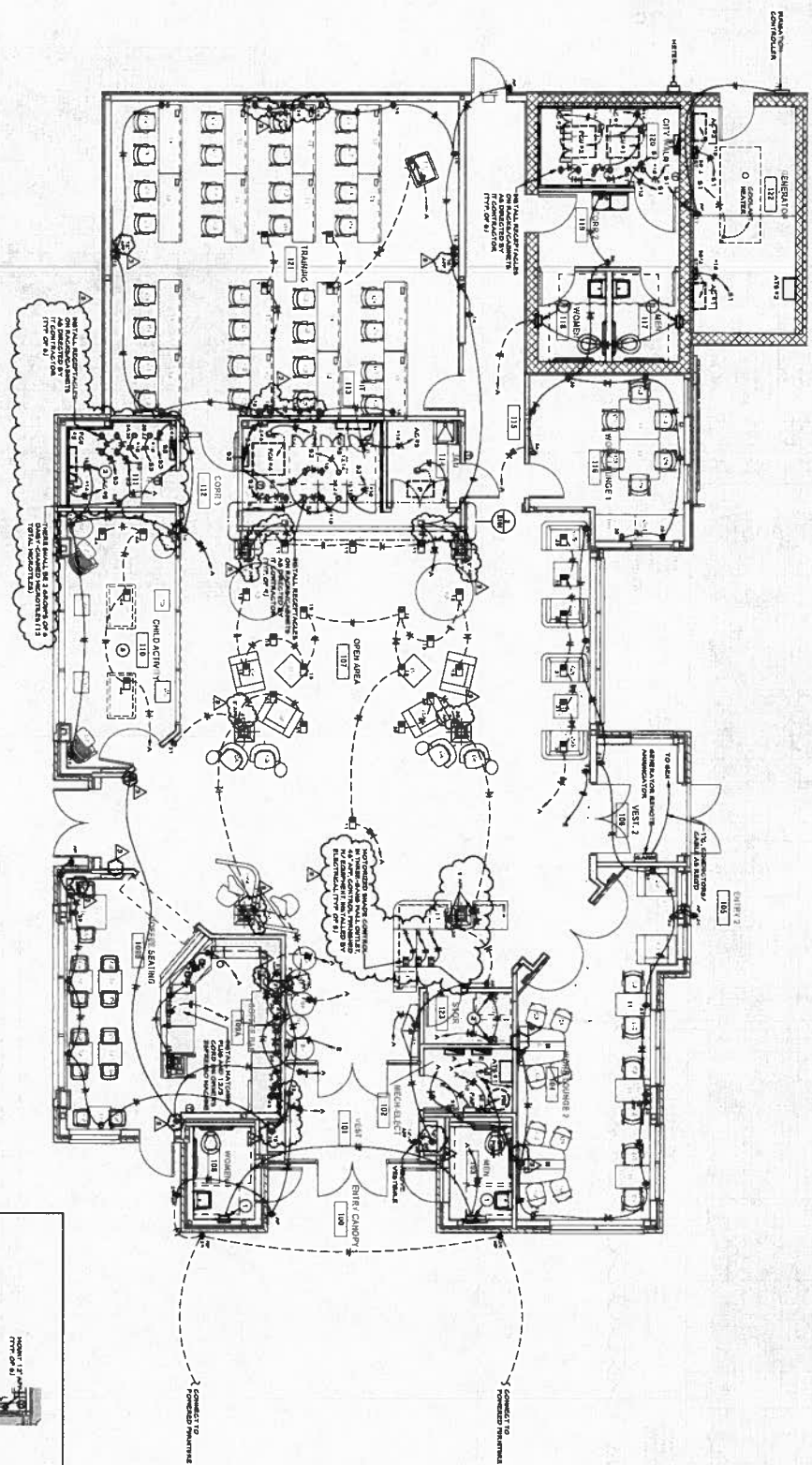
2110 Eighth Street
 Tuscaloosa, Alabama 35401
 Phone/Fax 205 345 4402
 E-mail: info@RHSmithPC.com

**ALBERTA TECH
 CENTER**

Revision# E001 (#1), E201 (#2)	Sheet# E001 & E201
Date: 10/14/15	Scale: AS NOTED
Drafter: Bjl:MSL	Drawing# 1 OF 1



1 Power Whing Plan SCALE: 1/4" = 1'-0"



COMPONENTS SET

DATE	09/20/14	
DRAWN BY	ML	
CHECKED BY	ML	
REVISIONS		
NO.	DATE	BY
1	09/20/14	ML
2	10/18/15	ML
3	10/18/15	ML

ALBERTA TECH CENTER
2614 UNIVERSITY BOULEVARD EAST
TUSCALOOSA, AL 35404

WARD SCOTT ARCHITECTURE
3715 University Blvd
Tuscaloosa, AL 35404
334-733-1111
www.wardscott.com

REVISIONS

1	ISSUE FOR PERMITTING
2	ADD COMMENTS FROM PERMITTING
3	REVISE PERMITTING COMMENTS

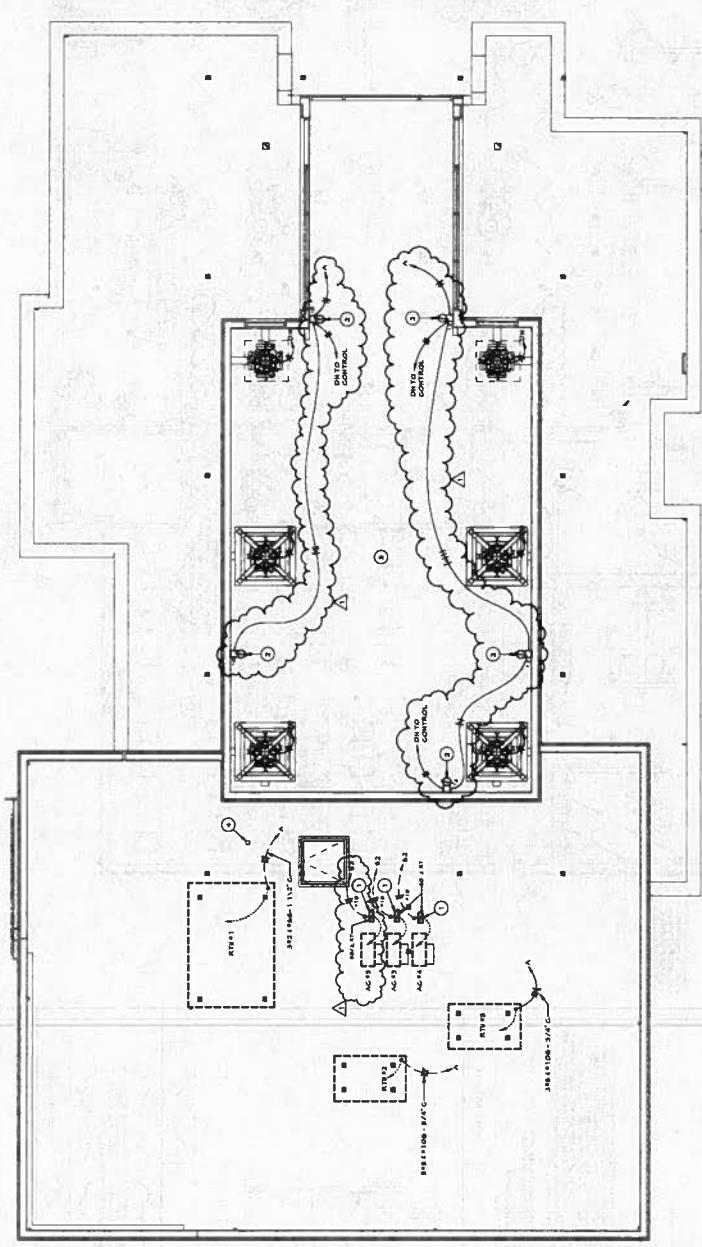


WE warrant that the design and construction documents prepared by us for the project described herein were prepared by us or under our direct supervision and that we are a duly Licensed Professional Engineer in the State of Alabama. We warrant that the design and construction documents were prepared in accordance with the applicable laws and regulations of the State of Alabama. We warrant that the design and construction documents were prepared in accordance with the applicable laws and regulations of the State of Alabama. We warrant that the design and construction documents were prepared in accordance with the applicable laws and regulations of the State of Alabama.

PROJECT NO. 15-001
 DATE: 10/1/2015
 DRAWN BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 APPROVED BY: J. B. BROWN

CONFORMANCE SET		
DATE	07/20/11	
DRAWN	J. B. BROWN	
CITY	MOBILE, AL	
REVISIONS		
NO.	DATE	DESCRIPTION
1	10/1/2015	ISSUED FOR PERMIT

1 E102



1 Roof Power Wiring And Upper Area Lighting Plan
 SCALE: 1/4" = 1'-0"

MEMORANDUM

ASI/ “Supplemental Instructions”

TO: Wally Burge, Ward Scott Architecture

FROM: Tim Lewis, TALA Professional Services
 Terry Weaver, TALA Professional Services

SUBJECT: Alberta Tech. Center- Data and A/V ASI-Supplemental Instructions/ ASI# 004- Revision# 1.

DATE: October 14, 2015

This ASI/ Supplemental Instructions is based on information provide during the Wednesday, September 30, 2015 meeting at Ward Scott Architecture’s Office.

We reviewed the following items that addresses Changes/ Moves, Deletions and Adds.

The Data-A/V Drawing Documents (TD101, TD101.1, TD102, and TD102.1) reflects these adjustments.

We have also included items that will be required in IT-A/V EQMT. ROOM 111.

Item Number	Drawing Number/ Drawing Type	Room Location/ Description	Type of Change, Add, Move, Deletion
1	TD101/ TD101.1 Data	Room 104- Change from D2 to D4 type outlet. Add (2) Cat6 Cables.	Change/Add
2	TD101/ TD101.1 Data	Room 104- Move D2 outlet to Room 107 Column 8D/ to north side 5" AFF.	Relocate/No Charge
2	TD101/ TD101.1 Data	Room 107- Move D4 outlet on Column 8D/ to south side 5" AFF.	Relocate/No Charge
3	TD101/ TD101.1 Data	Room 104- Change from D2 to D4 type outlet. Add (2) Cat6 Cables.	Change/Add
4	TD101/ TD101.1 Data	Room 107- Move Floor Box as directed in earlier ASI. Move D2 outlet.	ASI#002
5	TD101/ TD101.1 Data	Room 107- Move Floor Box as directed in earlier ASI. Move D2 outlet.	ASI#002
6	TD101/ TD101.1 Data	Room 107- Delete D4 outlet at Front Desk. Wall Moved. Deleting (4) Cat6 Cables.	Delete
7	TD101/ TD101.1 Data	Room 107- Move D4 outlet on Column 8E/ to west side 5" AFF.	Relocate/No Charge
8	TD101/ TD101.1 Data	Room 107- Move Kiosk Floor Box as directed in earlier ASI. Move D4 outlet.	ASI#002
9	TD101/ TD101.1 Data	Room 107- Move D4 outlet on Column 6D/ to west side 5" AFF.	Relocate/No Charge
10	TD101/ TD101.1 Data	Room 107- Move D4 outlet on Column 6E/ to west side 5" AFF.	Relocate/No Charge
11	TD101/ TD101.1 Data	Room 107- Move Floor Box as directed in earlier ASI. Move D2 outlet.	ASI#002

ASIS#002		Room 107- Move Floor Box as directed in earlier ASI. Move D2 outlet.	TD101/ TD101.1	Data	12
ASIS#002		Room 107- Move Floor Boxes as directed in earlier ASI	TD101/ TD101.1	Data	13
Relocate/No	Charge	Room 107- Move D2 outlet from 12" AFF to Column 5D/east side 5" AFF.	TD101/ TD101.1	Data	14
Relocate/No	Charge	Room 107- Move D2 outlet from 12" AFF to Column 5E/east side 5" AFF.	TD101/ TD101.1	Data	15
Relocate/No	Charge	Room 110- Move D2 outlet to Room 111. Move to north wall by door 18" AFF.	TD101/ TD101.1	Data	16
Relocate/No	Charge	Room 111- Delete (2) D4 outlets on west wall. Deleting (8) Cat6 Cables.	TD101/ TD101.1	Data	17
Relocate/No	Charge	Room 111- Move (2) D4 outlets from east wall to south wall. Moving (8) Cat6 Cables.	TD101/ TD101.1	Data	17.1
Relocate/No	Charge	Room 111- Add (1) DA/D1 outlet on north wall over the door. Add (1) Cat6 Cables.	TD101/ TD101.1	Data	18
ASIS#002		Room 121- Move Floor Box as directed in earlier ASI. Move D2 outlet.	TD101/ TD101.1	Data	19
Relocate/No	Charge	Room 109A- Move D2 outlet to Room 109B. Move to north wall by door 18" AFF.	TD101/ TD101.1	Data	20
Relocate/No	Charge	Room 104- Add Volume Control outlet on south wall 48" AFF.	TD102/ TD102.1	A/V	21
Relocate/No	Charge	Room 107- Move Speaker outlet to Room 104.	TD102/ TD102.1	A/V	22
Relocate/No	Charge	Room 106 Vest- 2- Move Speaker outlet to Room 116.	TD102/ TD102.1	A/V	23
Relocate/No	Charge	Room 107- Move Speaker outlet to Room 107.	TD102/ TD102.1	A/V	24
Relocate/No	Charge	Room 107- Move Floor Box as directed in earlier ASI.	TD102/ TD102.1	A/V	25
ASIS#002		Room 107- Move Floor Box as directed in earlier ASI.	TD102/ TD102.1	A/V	26
Relocate/No	Charge	Room 116- Add Camera outlet in the ceiling in corner 125" AFF. (Pendent Mount).	TD102/ TD102.1	A/V	27
Relocate/No	Charge	Room 116- Move Speaker outlet in Room 116.	TD102/ TD102.1	A/V	28
Relocate/No	Charge	Room 116- Add Volume Control outlet on south wall by door 48" AFF.	TD102/ TD102.1	A/V	29
Relocate/No	Charge	Room 101 Vest- Add A/V outlet on north wall by door 78" AFF.	TD102/ TD102.1	A/V	30
Relocate/No	Charge	Room 101 Vest- Add A/V outlet on south wall by door 78" AFF.	TD102/ TD102.1	A/V	31
Relocate/No	Charge	Room 101 Vest- Move Speaker outlet to Room 107 to west as indicated on drawing.	TD102/ TD102.1	A/V	32
Relocate/No	Charge	Room 107- Move A/V outlet on Column 8D/ to south side 18" AFF.	TD102/ TD102.1	A/V	33
Relocate/No	Charge	Room 107- Add Shade Control outlet on East Wall 48" AFF.	TD102/ TD102.1	A/V	33.1
Relocate/No	Charge	Room 107- Add Shade Control outlet on East Wall 48" AFF.	TD102/ TD102.1	A/V	33.1
Relocate/No	Charge	Room 107- Move Kiosk Floor Box as directed in earlier ASI. Move A/V outlet.	TD102/ TD102.1	A/V	34
Relocate/No	Charge	Room 107- Move A/V outlet on Column 8E/ to west side 18" AFF.	TD102/ TD102.1	A/V	35
Relocate/No	Charge	Room 107- Move A/V outlet on Column 6D/ to west side 18" AFF.	TD102/ TD102.1	A/V	36
Relocate/No	Charge	Room 107- Add Camera outlet in ceiling area 125" AFF. (Pendent Mount).	TD102/ TD102.1	A/V	37
Relocate/No	Charge	Room 107- Move A/V outlet on Column 6E/ to west side 18" AFF.	TD102/ TD102.1	A/V	38
Relocate/No	Charge	Room 107- Add Direction Speaker outlet in soffitt area over Video Wall 125" AFF.	TD102/ TD102.1	A/V	39
Relocate/No	Charge	Room 107- Add Direction Speaker outlet in soffitt area over Video Wall 125" AFF.	TD102/ TD102.1	A/V	40
Relocate/No	Charge	Room 107- Add Direction Speaker outlet in soffitt area over Video Wall 125" AFF.	TD102/ TD102.1	A/V	41
Relocate/No	Charge	Room 107- Move Speaker outlet in Room 107 to east as indicated on drawing.	TD102/ TD102.1	A/V	42
ASIS#002		Room 107- Move Floor Box as directed in earlier ASI. Move A/V outlet.	TD102/ TD102.1	A/V	43
ASIS#002		Room 107- Move Floor Box as directed in earlier ASI. Move A/V outlet.	TD102/ TD102.1	A/V	44

45	TD102/ TD102.1 A/V	Room 107- Add Direction Speaker outlet on Column 5D east side 84" AFF.	Add
46	TD102/ TD102.1 A/V	Room 107- Move A/V outlet from 12" AFF to Column 5D/east side 18" AFF.	Relocate/No Charge
47	TD102/ TD102.1 A/V	Room 107- Move Floor Boxes as directed in earlier ASI.	ASI#002
48	TD102/ TD102.1 A/V	Room 107- Add Direction Speaker outlet on Column 5E east side 84" AFF.	Add
49	TD102/ TD102.1 A/V	Room 107- Move A/V outlet from 12" AFF to Column 5E/east side 18" AFF.	Relocate/No Charge
50	TD102/ TD102.1 A/V	Room 121- Move Floor Box as directed in earlier ASI. Move A/V outlet.	ASI#002
51	TD102/ TD102.1 A/V	Room 121- Add Camera outlet in ceiling area, front of room 156" AFF.	Add
52	TD102/ TD102.1 A/V	Room 121- Add Speaker outlet in ceiling area 125" AFF.	Add
53	TD102/ TD102.1 A/V	Room 121- Add Speaker outlet in ceiling area 125" AFF.	Add
54	TD102/ TD102.1 A/V	Room 121- Add Camera outlet in ceiling area, back of room 156" AFF.	Add
55	TD102/ TD102.1 A/V	Room 109B- Add Control Pad outlet on west wall by door 6" AFC. Over counter.	Add
56	TD102/ TD102.1 A/V	Room 110- Add Volume Control outlet on east wall by door 48" AFF.	Add
57	TD102/ TD102.1 A/V	Room 110- Add Speaker outlet in ceiling area 125" AFF.	Add
58	TD102/ TD102.1 A/V	Room 110- Add Camera outlet in ceiling area 160" AFF.	Add
59	TD102/ TD102.1 A/V	Room 110- Add Speaker outlet in ceiling area 125" AFF.	Add
Summary	Change /Adds: (2)	Adds (4) Cat6 Cables	
	Moves: (36)	Moves Outlet Boxes/Conduit and Cables	
	Deletions: (2)	Deletes Outlet Boxes/Conduit and (12) Cat6 Cables	
	Adds: (23)	Adds (1) Cat6 Cable and Outlet Boxes /Conduit	
Item Number	Drawing Number/ Drawing Type	Room Location/ Description	Type of Change, Add, Move, Deletion
101	TD101/ TD101.1 Data TD102/ TD102.1 A/V	Room 113 to Room 111- Add (2) 2" Conduits overhead for Tie Cables.	Add
101	TD101/ TD101.1 Data TD102/ TD102.1 A/V	Room 113 to Room 111- Add 18" Cable Tray in Hallway in front of door to Room 111.	Add
101	TD101/ TD101.1 Data TD102/ TD102.1 A/V	Room 111- Add (6) EZ-Path Units from Cable Tray in Hallway into Room 111 over door.	Add
101	TD201 Detail Dwg.	Room 111- Add 3/4"x 8' Plywood Backboards (Painted Grey) Mounted on (3) Walls, (North, West and South.)	Add
101	TD201 Detail Dwg.	Room 111- Add (1) Wall Mounted A/C Unit- (2 Ton) South Wall mount at 8' AFF, with Condensate Pump and Drain Line overhead.	Add
101	TD201 Detail Dwg.	Room 111- Add (1) 30AMP/ 208V Circuit and (1) 20AMP/ 120V Circuit. Mount on West Wall at 7'-6" AFF.	Add
102	TD201 Detail Dwg.	Room 113 to Room 111- Add (1) 1.25" Conduit and (1) 2/0 Ground Conductor.	Add
102	TD201 Detail Dwg.	Room 111- Add (1) TGB- Ground Bus-Bar Unit Kit. 7'-6" AFF.	Add
103	TD201 Detail Dwg.	Room 113 to Room 111- Add (1) ARMM 25-24 Copper Tie Cable.	Add
103	TD201 Detail Dwg.	Room 111- Add (1) 100 PR. 110 Termination Block/Panel Unit- with mounting legs.	Add
104	TD201 Detail Dwg.	Room 113 to Room 111- Add (2) Fiber Cables; 1-FOC/48 MM-OM4 ISP and 1-FOC/48 SM ISP.	Add
104	TD201 Detail Dwg.	Room 111- Add (1) Fiber Termination Panel Unit- 4U.	Add

104	TD201 Detail	Dwg.	Room 113 and Room 111- Add (8) Fiber Termination Adaptor Panel Unit- LC Connectors/ 24 Port. (4) Panels in each room.	Add
105	TD201 Detail	Dwg.	Room 111- Add (1) OCC Data Eqmt. Cabinet/ 45RUx30" PT.3 CDC4530-01P05L1SLP W/ All Hardware.	Add
106	TD201 Detail	Dwg.	Room 111- Add 12" Cable/ Ladder Eqmt. Tray W/All Hardware mounted at 7' AFF.	Add
107	TD201 Detail	Dwg.	Room 111- Add (3) Angled Support Brackets W/All Hardware mounted at 7' AFF.	Add

See attached documents.

Please let me know if you have any questions.

TALA Professional Services

Tim Lewis

205-369-3406 cell

Terry S. weaver, NCE, RCDD/OSP

205-612-4811 cell

11' ABOVE CEILING
TELE CONDUITS BETWEEN
ALBERTA TRM. 8113 AND
CITY WALK RM. 8130

TUSCALOOSA CITY WALK
ALBERTA PARADISE SECTION
DUCT BANK ENTRANCE CONDUITS
(1) 4" CONDUITS W/
(2) 1-1/4" INNEURODUCTS IN EACH

POWER RECEPTACLE OUTLETS
(1) 20 AMP / 208 V CIRCUITS
(1) 20 AMP / 120 V CIRCUITS
MOUNTED AT 7'-6" AFF

(1) EX-PATH
UNITS
MOUNTED
AT 7'-6" AFF

(1) 8"x7"x4" J-BOX W/
W/ 1" CONDUIT W/
MOUNTED AT 1' AFF W/
1" CONDUIT W/ PULL CORD
TO IT-COMM RM. 8113
UNDER DIVISION 280000

ALBERTA TECH CENTER
ENTRANCE CONDUITS
(1) 4" CONDUITS W/
(2) 1-1/4" INNEURODUCTS
IN EACH

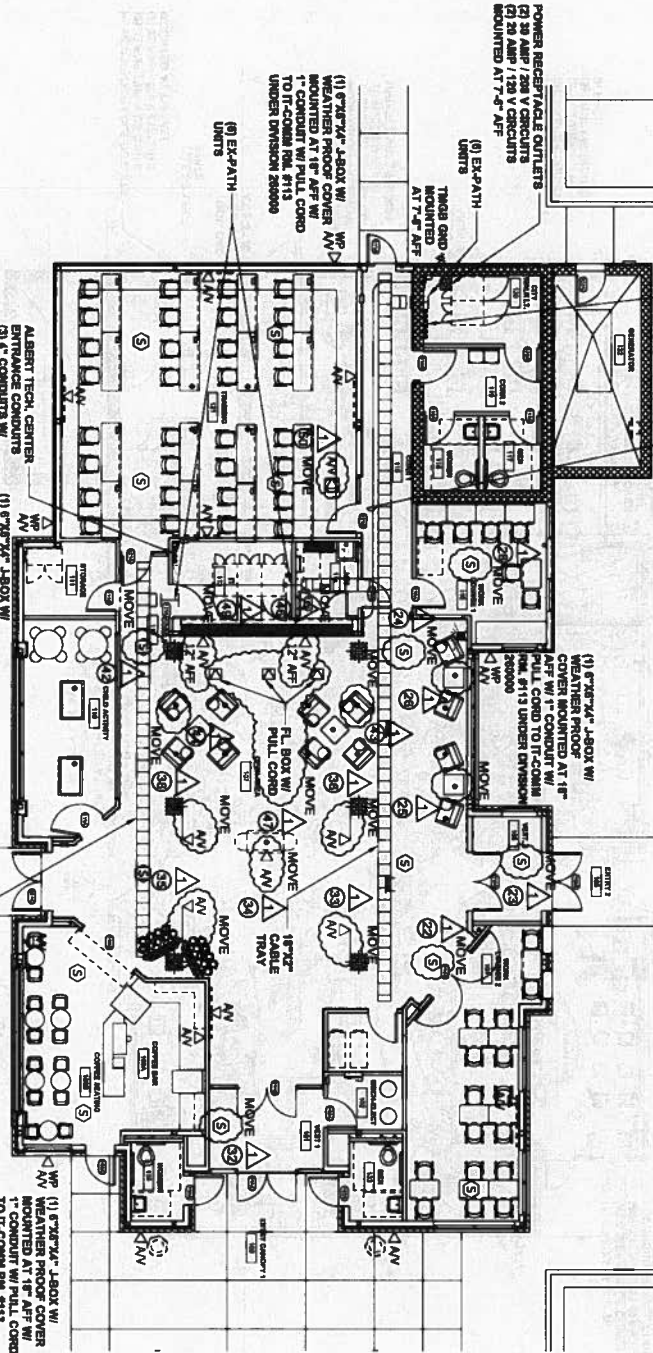
(1) 8"x7"x4" J-BOX W/
W/ 1" CONDUIT W/
MOUNTED AT 1' AFF W/
1" CONDUIT W/ PULL CORD
TO IT-COMM RM. 8113
UNDER DIVISION 280000

CONFORMANCE SET - ISSUED 07/24/15
TD102 DATA DWG.
SEE NEW BASE FLOOR PLAN DWG - TD102.1

(1) 8"x7"x4" J-BOX W/
COVER MOUNTED AT 1' AFF W/
1" CONDUIT W/
MOUNTED AT 1' AFF W/
1" CONDUIT W/ PULL CORD
TO IT-COMM RM. 8113 UNDER DIVISION
280000

NOTE:
CABLE TRAY SHALL BE 18"x2" SOLID
BOTTOM / POWDER COATED (PAINTED
WHITE TO MATCH CEILING AREA COLOR)
INSTALLED UNDER DIVISION 280000
RATED FOR 1000 LBS. SHALL BE 1"
ROUTED FROM OUTLET BOX TO CABLE
TRAY, TERMINATED AND GROUNDED TO
THE TRAY (PAINTED WHITE TO MATCH
CEILING AREA COLOR) INSTALLED UNDER
DIVISION 280000.

(1) 8"x7"x4" J-BOX W/
W/ 1" CONDUIT W/
MOUNTED AT 1' AFF W/
1" CONDUIT W/ PULL CORD
TO IT-COMM RM. 8113
UNDER DIVISION 280000



CONTRACTOR NOTES:
1. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF TUSCALOOSA ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AS AMENDED.
2. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF TUSCALOOSA ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AS AMENDED.
3. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF TUSCALOOSA ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AS AMENDED.

LEGEND/SYMBOLS

①	SYMBOL
②	CONDUIT
③	CONDUIT
④	CONDUIT
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⑥	CONDUIT
⑦	CONDUIT
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THE ALBERTA TECH CENTER
FOR THE CITY OF TUSCALOOSA
2600 University Blvd E,
Tuscaloosa, Alabama

WARD
SCOTT
ARCHITECTURE
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Tuscaloosa, AL 35403
www.ward-scott.com

TALA / Professional Services
1914 89TH STREET SOUTH, SUITE 8000
TUSCALOOSA, ALABAMA 35408
www.talaprofessionals.com

CONTRACTOR
TALA PROJECT NO. 15-001
CONTRACT NO. 15-001
DATE: 07/24/15
PROJECT NO. 15-001

REVISIONS

NO.	DATE	DESCRIPTION
1	07/24/15	ISSUED FOR PERMITTING
2	07/24/15	ISSUED FOR PERMITTING
3	07/24/15	ISSUED FOR PERMITTING
4	07/24/15	ISSUED FOR PERMITTING
5	07/24/15	ISSUED FOR PERMITTING
6	07/24/15	ISSUED FOR PERMITTING
7	07/24/15	ISSUED FOR PERMITTING
8	07/24/15	ISSUED FOR PERMITTING
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98	07/24/15	ISSUED FOR PERMITTING
99	07/24/15	ISSUED FOR PERMITTING
100	07/24/15	ISSUED FOR PERMITTING

TD102
Sheet 3 of 3

CONTRACTOR NOTES:
 1. THE CONTRACTOR SHALL INSTALL ALL DATA, A, B, C, AND D, CATEGORIES, AND ALL OTHER CABLES AT ALL WALLS AND CEILING JOINTS AND AT ALL WALLS AND CEILING JOINTS.
 2. CABLES TO TALKING ROOMS SHALL BE INSTALLED IN TALKING ROOMS.

GENERAL NOTES:
 1. ALL CABLES SHALL BE INSTALLED IN A CONCEALED MANNER.
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 3. ALL CABLES SHALL BE INSTALLED IN A CONCEALED MANNER.
 4. ALL CABLES SHALL BE INSTALLED IN A CONCEALED MANNER.
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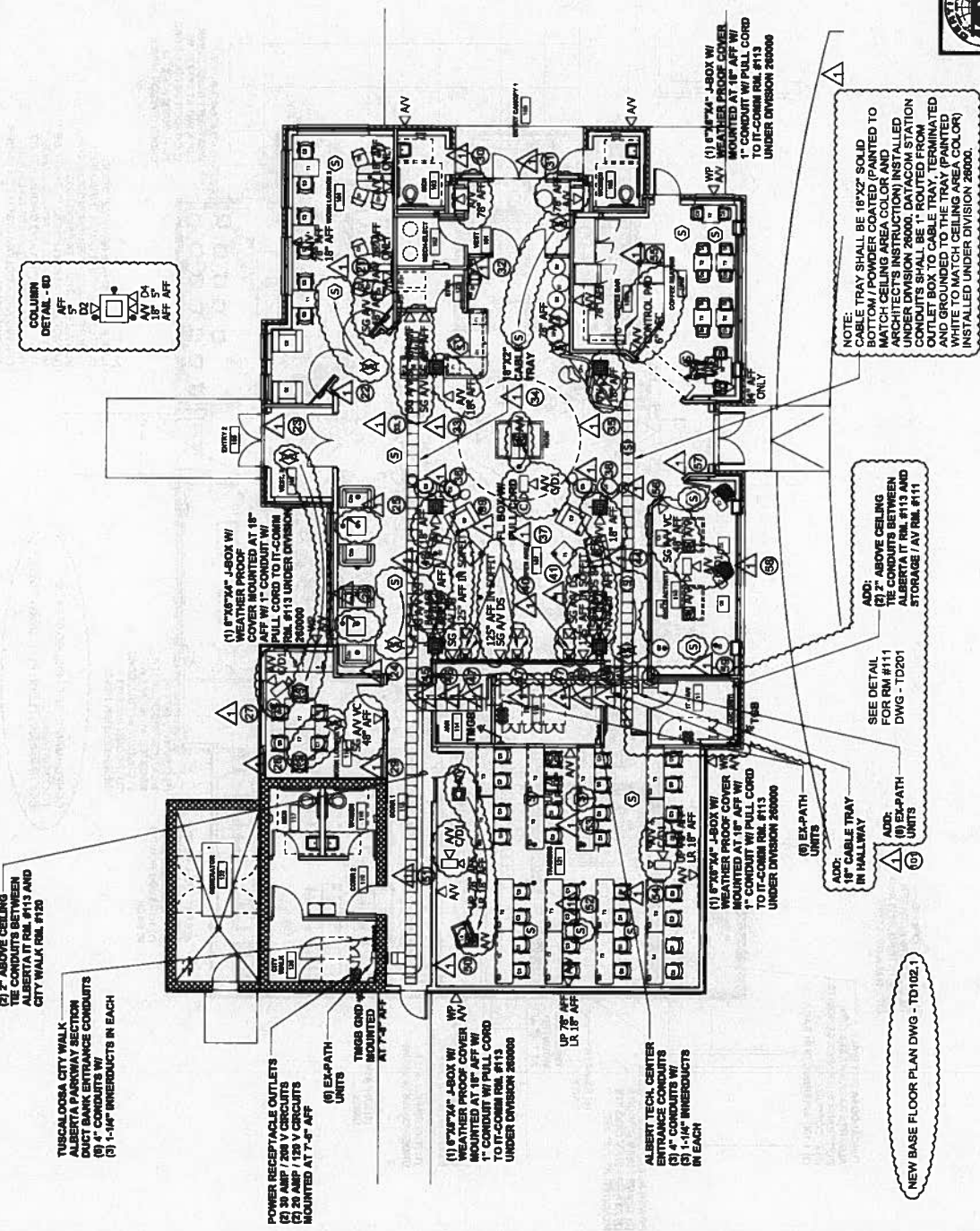
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TALA Professional Services
 1116 3RD STREET SOUTH, SUITE 200
 TUSCALOOSA, ALABAMA 35694
 www.tala.com

CONSTRUCTION DOCUMENTS
 DATE: 8/22/15
 PROJECT NO: 14-029
 REVISIONS: AS: 4004
 10/17/15

ARCHITECT
 WARD SCOTT ARCHITECTURE
 2715 SEVENTH STREET
 TUSCALOOSA, ALABAMA 35694
 www.ward-scott.com



ALBERTA TECH CENTER
 MAIN LEVEL / IT/DATA

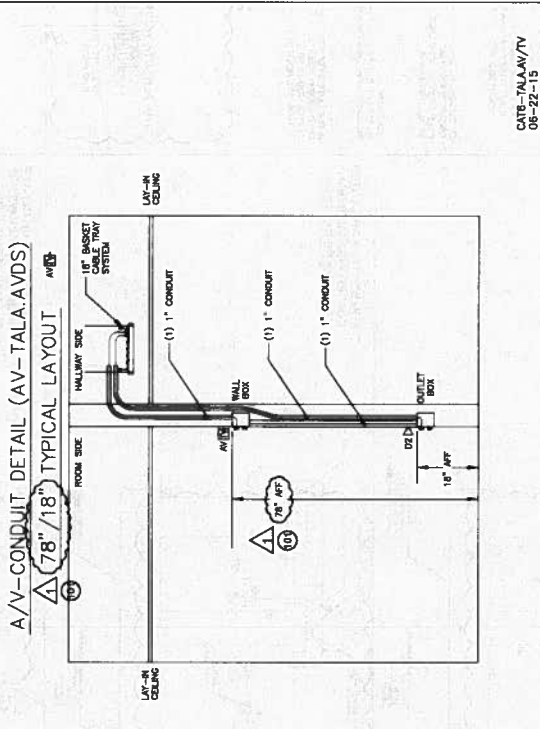
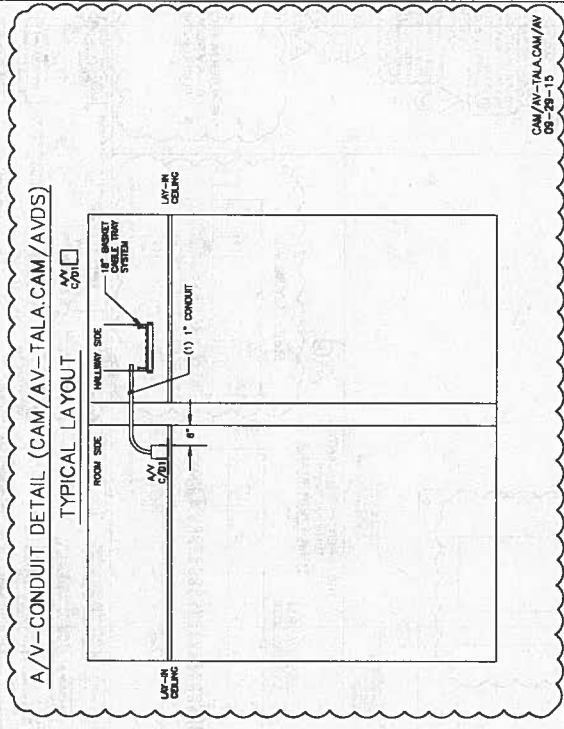
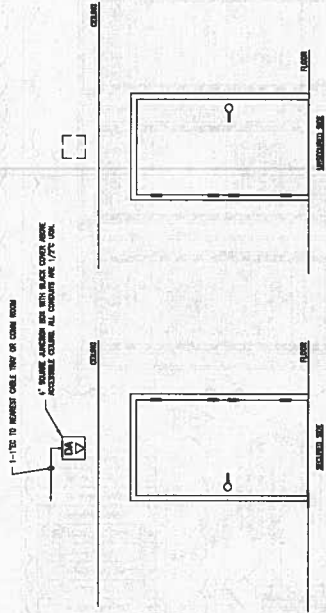
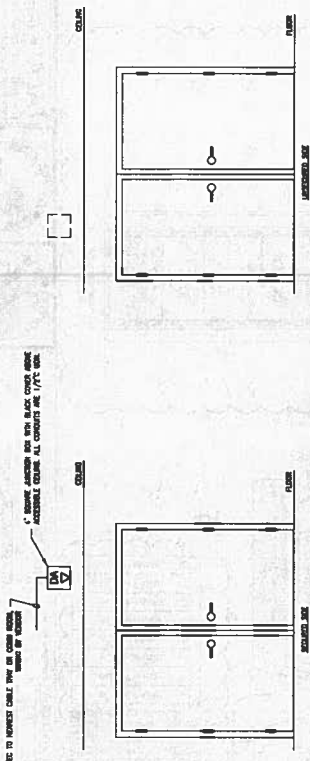
NEW BASE FLOOR PLAN DWG - TD102.1

TALA Professional Services
 1118 8TH STREET SOUTH, SUITE 2000
 MOBILE, ALABAMA 36688
 www.tala-pro.com

TALA PROJECT NO. TALA-0001

NO.	DATE	DESCRIPTION
1	10/07/15	ISSUED FOR PERMIT

BY: *[Signature]*
 PROJECT NO. TALA-0001



CITY OF TUSCALOOSA
LEGAL DEPARTMENT

**CHANGE
ORDER
REQUEST**

OWNER: CITY OF TUSCALOOSA

ARCHITECT/ENGINEER: Ward Scott Architecture, Inc.

CONTRACTOR: J.T. Harrison Construction Co., Inc.

PROJECT: The Gateway

CHANGE ORDER REQUEST NO. 5 DATE 12-10-15

1. DESCRIPTION OF CHANGE: ASI #5

2. CHANGE ORDER COSTS: \$-6,878.09

Proposal Attached Yes Cost Estimated/Proposal Required

<i>Item</i>	<i>Quantity</i>	<i>Material Unit Price</i>	<i>Labor (Hours)</i>	<i>Labor Unit Price</i>	<i>Sub-Total Cost</i>
a. See attached documentation					
b.					
c.					
d.					
e.					
f.*					
TOTAL:					

*If more than 6 items, provide attachments.

3. INSTITUTED BY: **Owner**

4. JUSTIFICATION OF NEED: **Deletion of the Kiosk, which is now to be purchased as furniture in a future package. Moving electrical to accommodate the inclusion of additional technology components.**

5. JUSTIFICATION OF CHANGE ORDER VERSUS COMPETITIVE BIDDING: **Contractor is on site and change is less than 10% of the contract.**

6. COSTS REVIEW: Costs were reviewed by TALA and are equitable to all parties involved.

7. THIS CHANGE IS SUBMITTED FOR REVIEW AND APPROVAL AND IS CLASSIFIED AS THE FOLLOWING TYPE:

- Minor change of a total monetary value less than required for competitive bidding.
- Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.
- Emergencies arising during the course of work.
- Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.
- Change of relatively minor terms not contemplated when the plans and specifications were prepared and the project was bid and which are in the public interest and do not exceed 10% of the Contract Price.

8. EXTENSION OF TIME REQUESTED: Calendar Days: Zero (0)

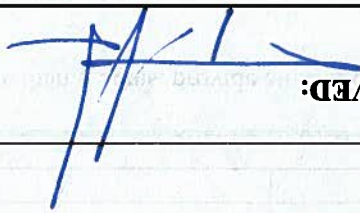
RECOMMENDED:

BY: _____

Tuscaloosa's Consulting Architect

BY: _____

Contractor



APPROVED:

BY: _____

City Representative

BY: _____

Owner's Legal Advisor

BY: _____

Owner's Authorized Representative

Contractor Change Proposal / Cost Breakdown Form

Date: 12/9/2015

Architect Name: WS Architects

Contractor Name: Harrison Construction Co., Inc.

Subcontractor Name: N/A

Project Name: The Gateway (Alberta Technology Center)

(Check One)

Architect Number : _____

Initiated By: Owner/Architect

GC Job Number: NA

GC

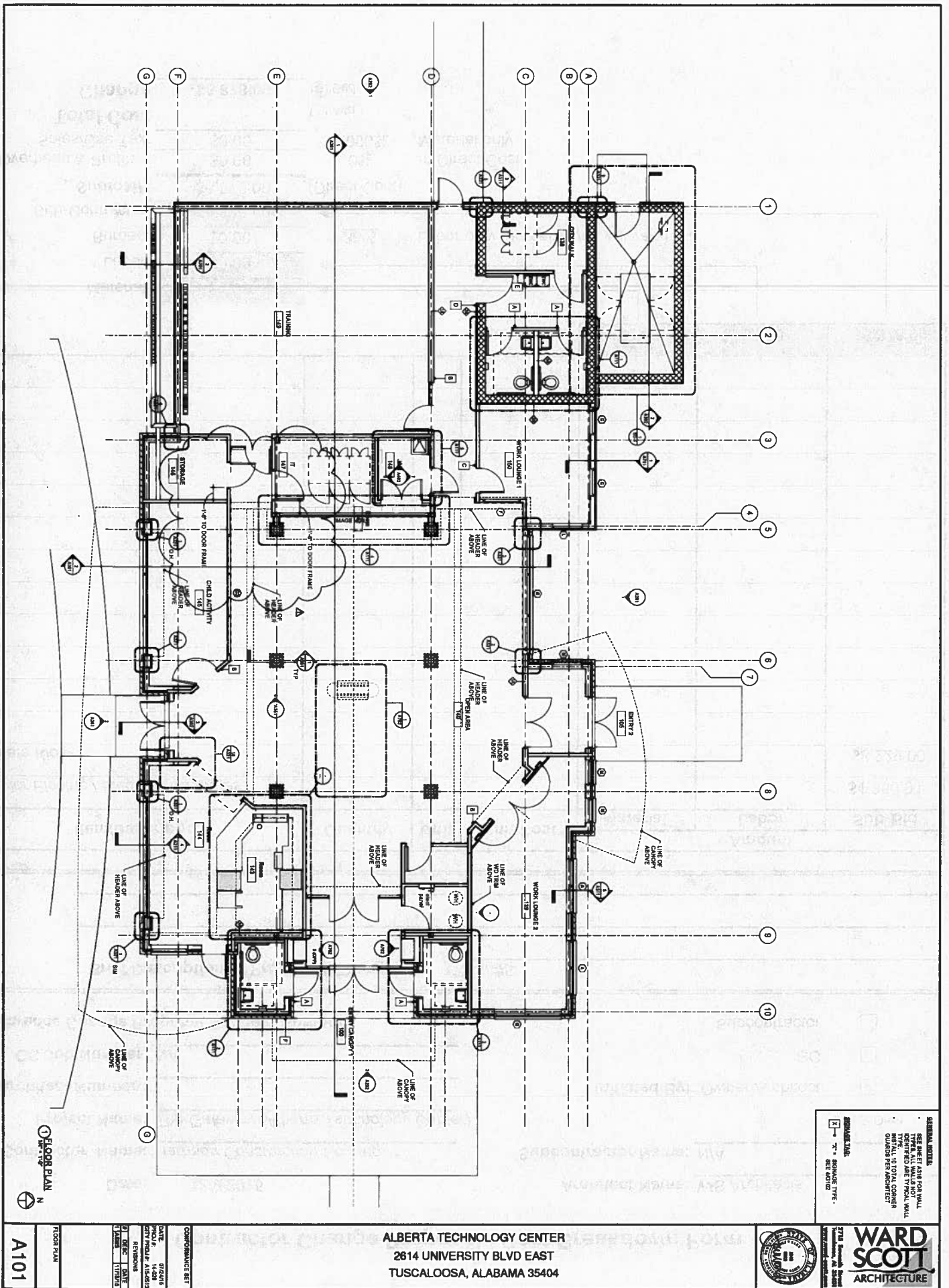
Reference Change Proposal Request Number: 4

Subcontractor

Brief Description of Proposed Change: ASI #5

Item/Description	Quantity	Unit	Unit Cost	Amount		
				Material	Labor	Sub-Bid
Taylor Electric / Electrical Changes						\$1,350.91
Delete Kiosk						-\$8,229.00
Sub Totals:				\$0.00	\$0.00	-\$6,878.09

Material:	\$0.00			
Labor:	\$0.00			
Burden:	\$0.00	38%		Labor only (percentages will vary)
Sub-Contractor:	-\$6,878.09			
Subtotal:	-\$6,878.09			(Direct Cost)
Overhead & Profit:	\$0.00	0%		of Direct Cost
Sales/Use Tax:	\$0.00	0.000%		Material only
Total Cost Change	-\$6,878.09			<input type="radio"/> Add <input checked="" type="radio"/> Deduct



GENERAL NOTES

- SEE SHEET A109 FOR WALL THICKNESS AND FINISHES. DESIRED ARE TYPICAL CORNER QUANTITIES PER ARCHITECT.

GENERAL NOTE

- SEE SHEET A109 FOR WALL THICKNESS AND FINISHES. DESIRED ARE TYPICAL CORNER QUANTITIES PER ARCHITECT.

COMPLIANCE SET	
DATE	07/20/17
PROJECT	14-029
CITY	TUSCALOOSA, AL
CLIENT	ALBERTA TECHNOLOGY CENTER
DESIGNER	WARD SCOTT ARCHITECTURE
DATE	11/18/16

ALBERTA TECHNOLOGY CENTER
 2614 UNIVERSITY BLVD EAST
 TUSCALOOSA, ALABAMA 35404

WARD SCOTT ARCHITECTURE
 2718 University Blvd, Suite 200
 Tuscaloosa, AL 35404
 Phone: 205.344.1111
 Fax: 205.344.1112
 Email: info@wardscott.com

A101

FLOOR PLAN



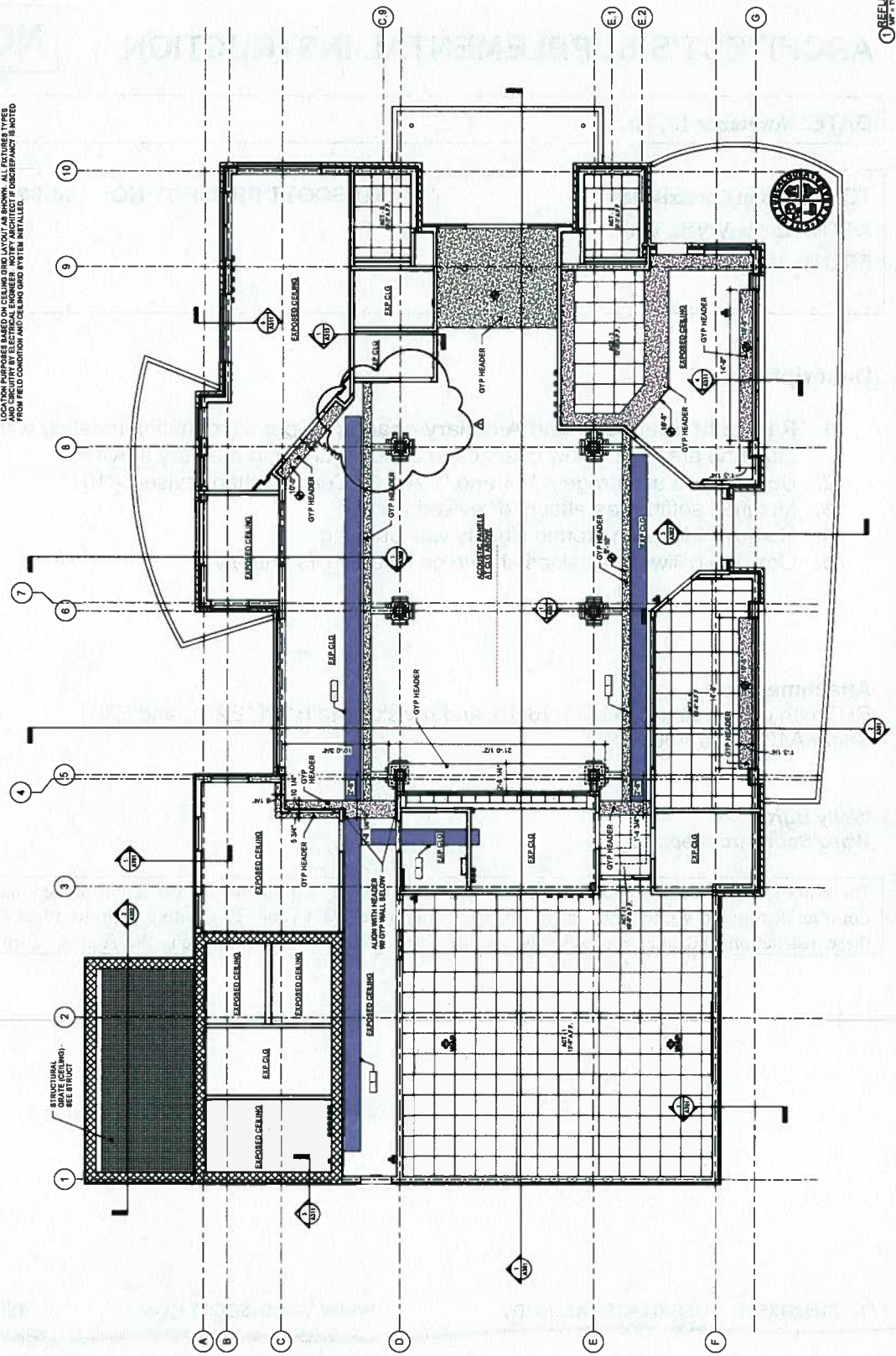
DATE:	07/2015
PROJ.#:	14-021
CITY/PROJ.#:	AL-0512
REVISIONS:	
BY:	DATE:
DATE:	DATE:
DATE:	DATE:

REFERENCE NOTES

NUMBER	DESCRIPTION
1	PAINT THESE UNIT BLACK WITH
2	PAINT 7

- REFLECTED CEILING PLAN LEGEND**
- 2' x 2' ACQUINTICAL PANEL CEILING TILE
 - OPUSCUM BOARD CEILING
 - EXPOSED CEILING
 - 2' x 4' LIGHT FIXTURE
 - 2' x 2' LIGHT FIXTURE
 - CAN LIGHT FIXTURE
 - PENDANT LIGHT
 - WALL MOUNTED LIGHT FIXTURE
 - LINEAR LIGHT FIXTURE
 - RECESSED LIGHT FIXTURE
 - ROUND LIGHT FIXTURE WITH ACRYLIC LENS
 - MECHANICAL SUPPLY DIFFUSER
 - MECHANICAL RETURN DIFFUSER
 - AIR VENT
 - PENDANT LIGHT

NOTE: LIGHT FIXTURES SHOWN BY ARCHITECTURE SHALL BE BASED ON POSITION, HEIGHT AND LOCATION PURPOSES BASED ON CEILING GRID LAYOUT. AN ELECTRICAL ENGINEER SHALL VERIFY ALL FIXTURES AND AIR VENTS BY ELECTRICAL ENGINEER. NOTIFY ARCHITECT IF DISCREPANCY IS NOTED FROM FIELD CONDITION AND CEILING GRID SYSTEM INSTALLED.



REFLECTED CEILING PLAN
 PART 1.10



ARCHITECT'S SUPPLEMENTAL INSTRUCTION

NO.: 5

DATE: November 18, 2015

WARD SCOTT PROJECT NO: 14-028	TO: Harrison Construction ATTN: Lance Wyatt, PM FROM: WSA
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Description:

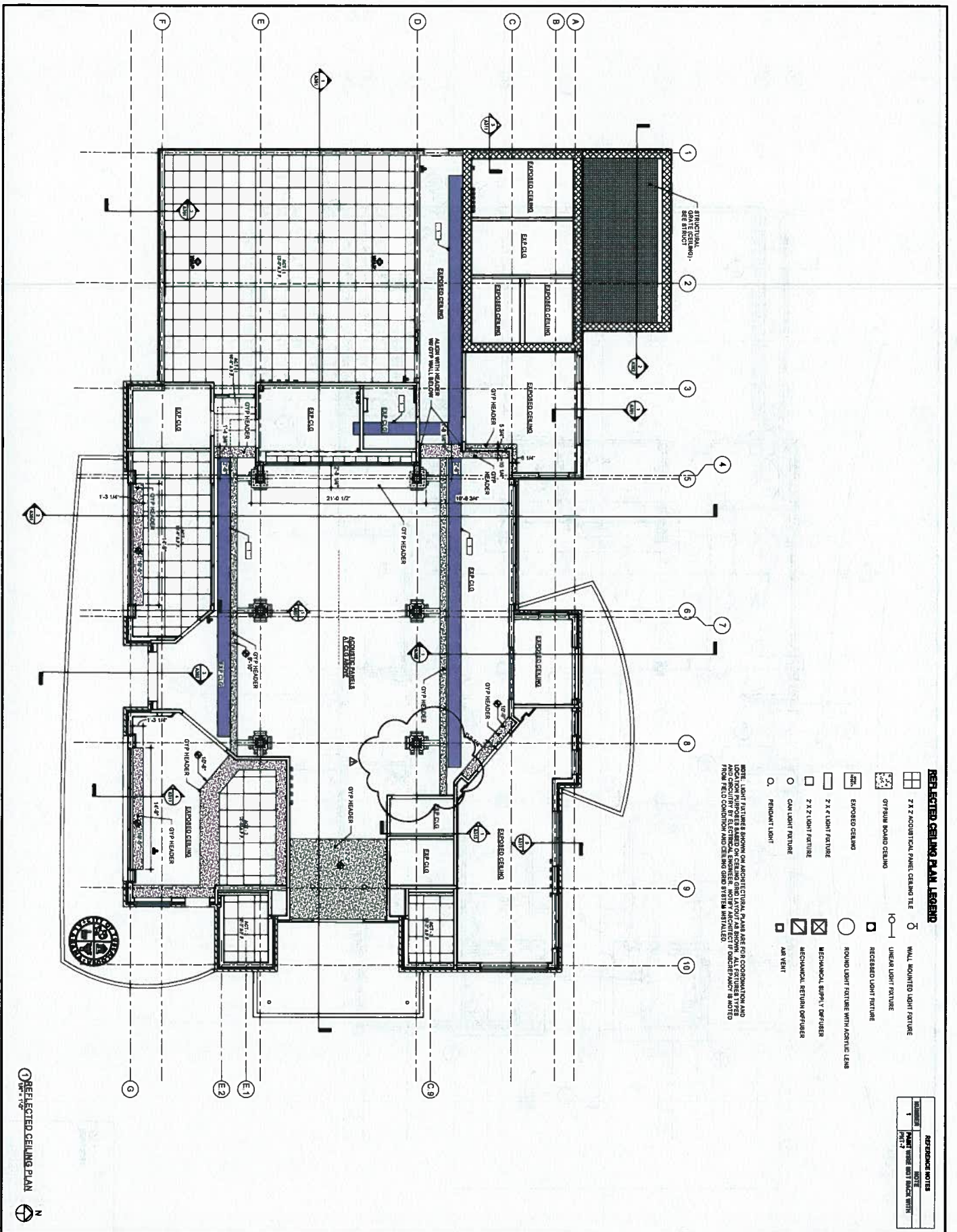
1. R H Smith Electrical and Auxilliary changes – per coordination meeting with FFE and IT, the attached drawings show changes to conduit runs and auxilliary services.
2. Door moves at storage A111 and IT A113. See attached revised A101
3. Modified soffit. See attached revised A501.
4. Remove trim from around Christy wall opening.
5. Omit the millwork Kiosk as shown on A702, in its entirety.

Attachments:

RHS with cover letter dated 11-16-15, and revisions to E101, E201, and E301.
Sheet A101, and A501

Wally Burge
Ward Scott Architecture

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.



- REFLECTED CEILING PLAN LEGEND**
- 2'x'2' ACQUANTICAL PANEL CEILING TILE
 - 2'x'4' DOWN FUTURE
 - 2'x'2' DOWN FUTURE
 - 2'x'2' LIGHT FIXTURE
 - 2'x'4' LIGHT FIXTURE
 - MECHANICAL RETURN OFFSHOOT
 - AIR VENT
 - MECHANICAL EQUIPMENT
 - ROUND LIGHT FIXTURE WITH ACRYLIC LENS
 - MECHANICAL RETURN OFFSHOOT
 - AIR VENT
 - WALL MOUNTED LIGHT FIXTURE
 - LINEAR LIGHT FIXTURE
 - RECESSED LIGHT FIXTURE
 - ROUND LIGHT FIXTURE WITH ACRYLIC LENS
 - MECHANICAL EQUIPMENT
 - MECHANICAL RETURN OFFSHOOT
 - AIR VENT
 - 2'x'2' BOARD CEILING
 - EXPOSED CEILING
 - 2'x'4' DOWN FUTURE
 - 2'x'2' DOWN FUTURE
 - 2'x'2' LIGHT FIXTURE
 - 2'x'4' LIGHT FIXTURE
 - MECHANICAL RETURN OFFSHOOT
 - AIR VENT
 - MECHANICAL EQUIPMENT
 - ROUND LIGHT FIXTURE WITH ACRYLIC LENS
 - MECHANICAL RETURN OFFSHOOT
 - AIR VENT

NOTE: LIGHT FIXTURES SHOWN ON ARCHITECTURAL PLANS ARE FOR INFORMATION ONLY. LOCATION NUMBERS BASED ON CEILING GRID UNLESS NOTED AS SHOWN. ALL FIXTURES TYPE AND SPECIFICATIONS BY ELECTRICAL ENGINEER. NOTES ARCHITECT IF MODIFICATION IS NOTED FROM THIS DOCUMENT AND SHOWN ON THE REVISED DRAWINGS.

REVISION	DATE	BY	DESCRIPTION
1	02/07/15	BM	ISSUE FOR PERMIT
2	02/10/15	BM	ISSUE FOR PERMIT

WARD SCOTT ARCHITECTURE
 2728 University Blvd East
 Tuscaloosa, AL 35404
 205-756-1000
 www.wardscott.com

ALBERTA TECHNOLOGY CENTER
 2614 UNIVERSITY BLVD EAST
 TUSCALOOSA, ALABAMA 35404

PROJECT: REFLECTED CEILING PLAN
 SHEET: AS01
 DATE: 02/07/15
 DRAWN BY: BM
 CHECKED BY: BM
 APPROVED BY: BM
 PROJECT # 14-001
 REVISIONS:
 1 02/07/15 BM

REFLECTED CEILING PLAN

SUPPLEMENTARY INSTRUCTIONS



R.H. Smith & associates p.c.

◆
Consulting Engineers

◆
2110 Eighth Street, Tuscaloosa, AL 35401

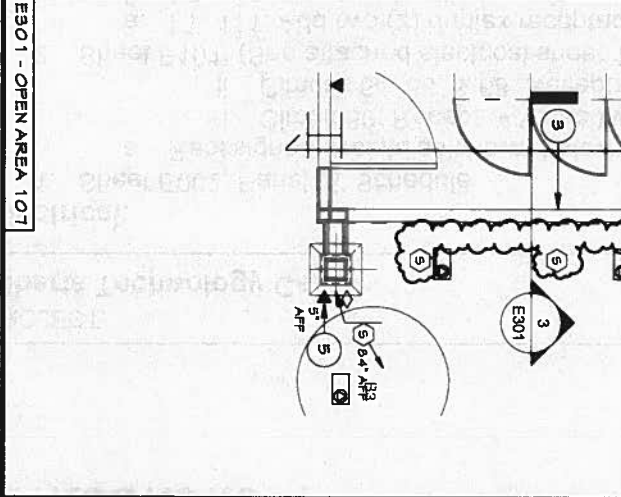
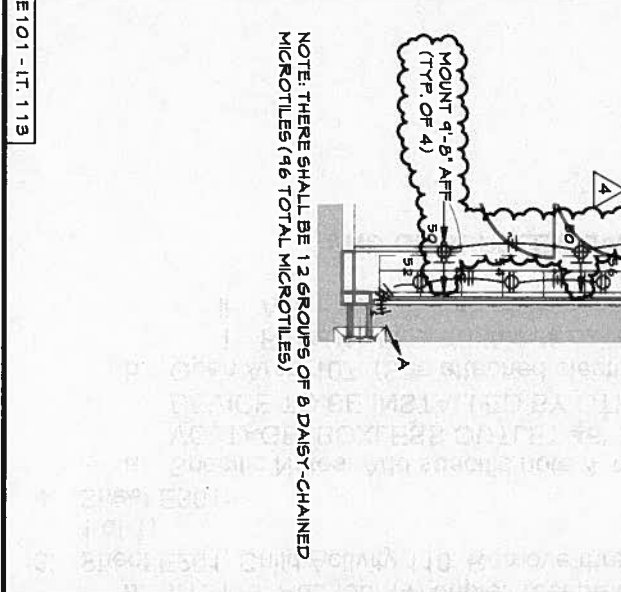
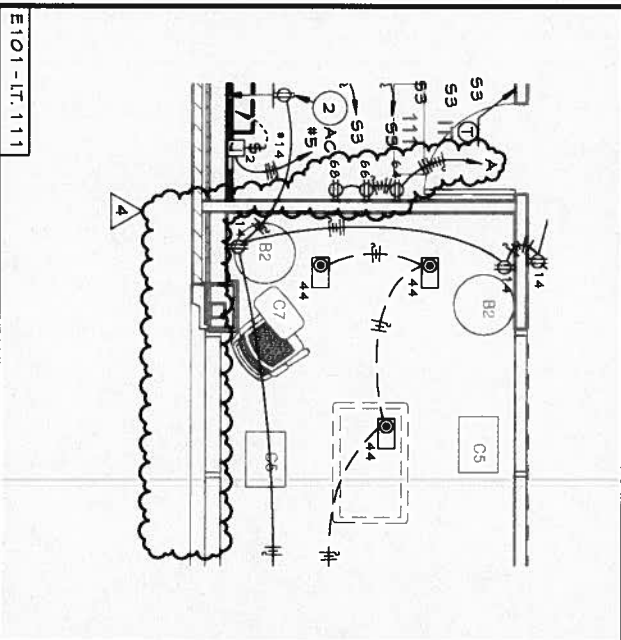
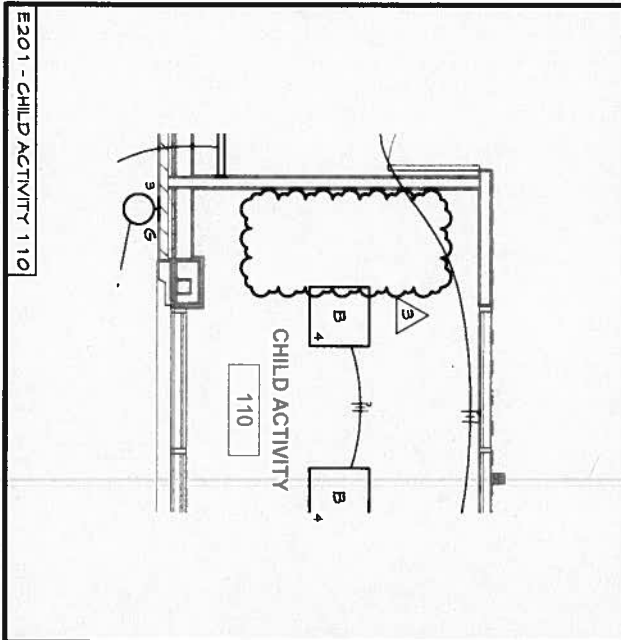
◆
Phone/Fax 205 345 4402

PROJECT: Alberta Technology Center	ENG JOB NO# 1451	DATE: November 16, 2015
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Electrical:

1. Sheet E002, Panel 'A' Schedule:
 - a. Reassigned circuits as shown below:
 - i. Circuit 50: Recept. – Video Wall Speakers
 - ii. Circuits 64, 66, & 68: Receptacle – Small Video Wall
2. Sheet E101: (See attached electrical sheet 1 of 1)
 - a. I.T. 111: Add two (2) duplex receptacles.
 - b. I.T. 113: Add four (4) duplex receptacles.
3. Sheet E201, Child Activity 110: Remove three (3) 'N2' fixtures (See attached electrical sheet 1 of 1)
4. Sheet E301:
 - a. Specific Notes: Add specific note 6, note to read, "INSTALL DOUBLE-GANG, LOW-VOLTAGE, BOXLESS OUTLET 46" AFF WITH 3/4"C. TO 'I.T.113' FOR FUTURE DEVICE TO BE INSTALLED BY OTHERS, INSTALL BUSHING ON CONDUIT END."
 - b. Open Area 107: (See attached electrical sheet 1 of 1)
 - i. Relocate three (3) future ceiling speaker locations.
 - ii. Add one (1) future ceiling speaker location.

END OF SUPPLEMENTARY INSTRUCTIONS



R H Smith
 & associates p.c.
 Consulting Engineers

2110 Eighth Street • Tuscaloosa, Alabama 35301
 Phone/Fax: 205 345 4402 • E-mail: info@rhsmithpc.com

**ALBERTA
 TECH CENTER**

Revision# *4, *3, *5	Sheet# E101, E201, E301
Date: 11/16/15	Scale: 1/4" = 1'-0"
Drawn By: MSL	Drawing# 1 OF 1



ARCHITECT'S SUPPLEMENTAL INSTRUCTION

NO.: 5

DATE: November 18, 2015

TO: Harrison Construction ATTN: Lance Wyatt, PM FROM: WSA	WARD SCOTT PROJECT NO: 14-028
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Description:

1. **R H Smith Electrical and Auxillary changes** – per coordination meeting with FFE and IT, the attached drawings show changes to conduit runs and auxiliary services.
2. Door moves at storage A111 and IT A113. See attached revised A101
3. Modified soffit. See attached revised A501.
4. Remove trim from around Christy wall opening.
5. Omit the millwork Kiosk as shown on A702, in its entirety.

Attachments:

RHSmith cover letter dated 11-16-15, and revisions to E101, E201, and E301.
Sheet A101, and A501

Wally Burge
Ward Scott Architecture

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.



Alberta Tech ASI #005
Totals (Detailed) - Bid Summary: Default

Job Number 2306
Bid Date 11/23/2015
Bid Time 1:58:00 PM
Square Footage 0

Division Material Totals

Division	Total	Factor	Total
01 Raceway, Fillings & Boxes	\$172.43	0.00 %	\$172.43
02 Wire & Cable	19.84	0.00 %	19.84
05 Wiring Device & Covers	11.43	0.00 %	11.43
07 Misc	3.15	0.00 %	3.15
Total	\$206.85		\$206.85

Sales Tax (0.00%) \$0.00

Total Material \$206.85

Division Labor Hours

Division	Total	Factor	Total
01 Raceway, Fillings & Boxes	24.52	0.00 %	24.52
02 Wire & Cable	1.13	0.00 %	1.13
05 Wiring Device & Covers	2.52	0.00 %	2.52
07 Misc	1.61	0.00 %	1.61
Total	29.78		29.78

Category Labor Rates

Category	% of Total	Hours	Base Rate	Burden \$	Burden %	Extended
Electrician	100.000	29.780	\$25.00	7.50	30.000	\$967.85
Total	100.000	29.780	\$32.50 (average of labor rate w/burden) =			\$967.85

Non-Productive Labor

Total \$0.00

Total Labor \$967.85

Job Subtotal (Prime Cost) \$1,174.70

Overhead (15.00%) 176.21

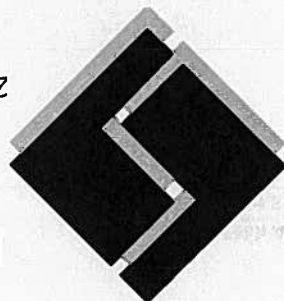
Profit (0.00%) 0.00

Job Total \$1,350.91

Alberta Tech ASI #005
Totals (Detailed) - Bid Summary: Default

Actual Bid Price	\$1,350.91
Material to Direct Labor ratio: 0.18	
Prime Cost per square foot	\$0.00
Job Total per square foot	\$0.00
Actual Bid Price per square ft	\$0.00
Labor cost per square foot	\$0.00
Labor hours per square foot	0.00
Gross Profit %	13.04
Gross Profit \$	\$176.21
Net Profit %	0.00

SUPPLEMENTARY INSTRUCTIONS



R.H. Smith & associates p.c.
 Consulting Engineers
 2110 Eighth Street, Tuscaloosa, AL 35401
 Phone / Fax 205 345 4402

PROJECT:	Albarta Technology Center
ENG JOB NO#	1451
DATE:	November 16, 2015

Electrical:

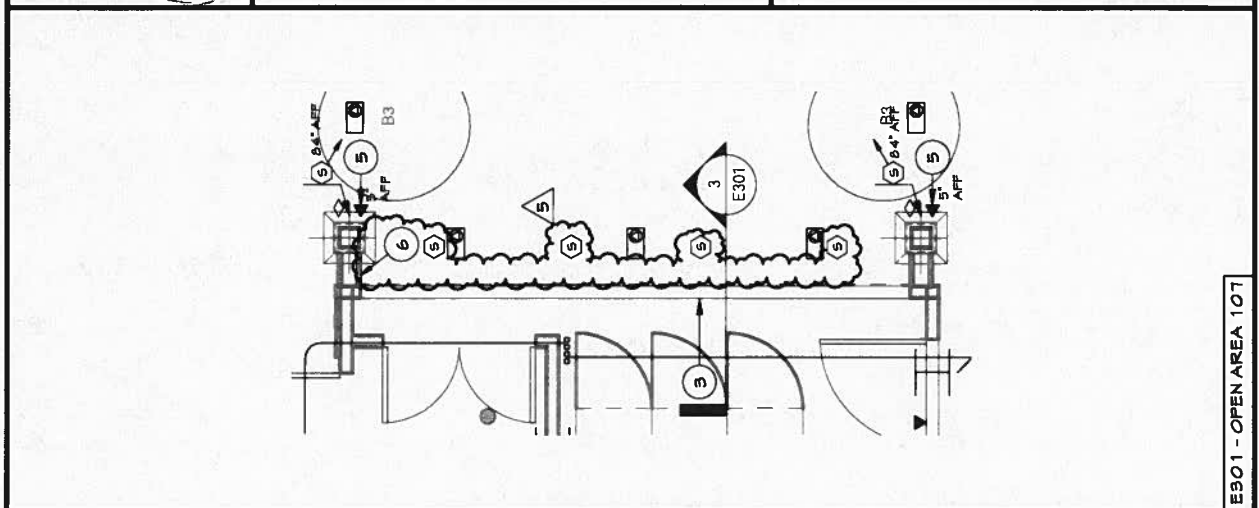
1. Sheet E002, Panel 'A' Schedule:
 - a. Reassigned circuits as shown below:
 - i. Circuit 50: Recept. – Video Wall Speakers
 - ii. Circuits 64, 66, & 68: Receptacle – Small Video Wall
 2. Sheet E101: (See attached electrical sheet 1 of 1)
 - a. I.T. 111: Add two (2) duplex receptacles.
 - b. I.T. 113: Add four (4) duplex receptacles.
 3. Sheet E201, Child Activity 110: Remove three (3) 'N2' fixtures (See attached electrical sheet 1 of 1)
 4. Sheet E301:
 - a. Specific Notes: Add specific note 6, note to read, "INSTALL DOUBLE-GANG, LOW-VOLTAGE, BOXLESS OUTLET 46" AFF WITH ¾"C. TO I.T.113' FOR FUTURE DEVICE TO BE INSTALLED BY OTHERS, INSTALL BUSHING ON CONDUIT END."
 - b. Open Area 107: (See attached electrical sheet 1 of 1)
 - i. Relocate three (3) future ceiling speaker locations.
 - ii. Add one (1) future ceiling speaker location.

END OF SUPPLEMENTARY INSTRUCTIONS

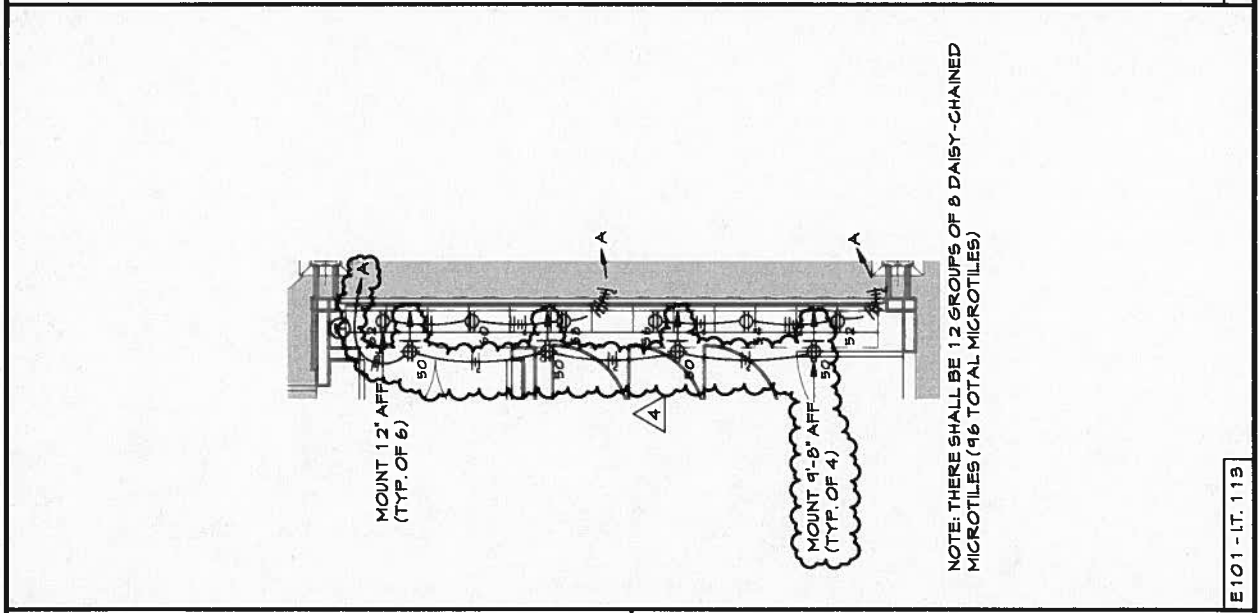


Revisions: 04, 09, 09	Sheets: E101, E201, E301
Date: 11/16/15	Scale: 1/4" = 1'-0"
Drawn By: MSL	Drawing: 1 OF 1

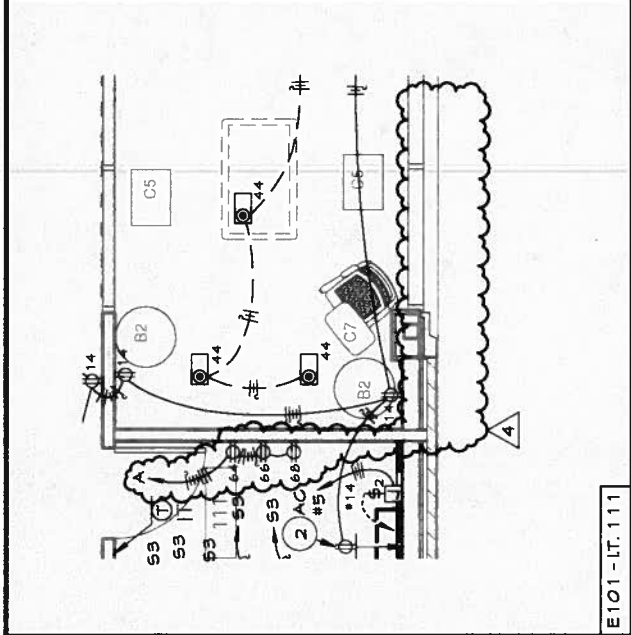
R H Smith & associates p.c.
 Consulting Engineers
 2110 Elgin Street
 Edmonton, Alberta T5A 0J1
 Phone: 780 545 4402
 E-mail: rhsmith@rhsmith.com



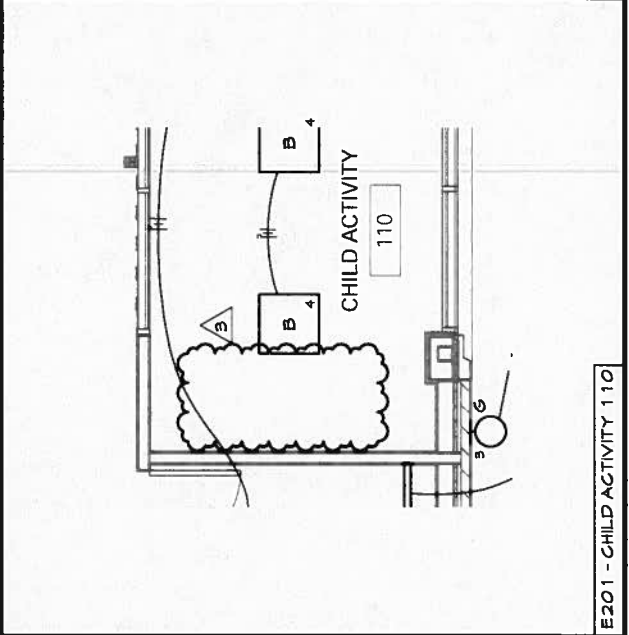
E301 - OPEN AREA 107



E101 - LT. 113



E101 - LT. 111



E201 - CHILD ACTIVITY 110

