



December 19, 2016

Craig A. Miller Sr
Webster University
470 East Lockwood Ave
St. Louis, MO 63119-3194

Via Email

Re: Paric Corporation Project No. 15051
15051-Webster University Interdisciplinary Science Building
CP-049 - ASI #30 AV Area B

Dear Craig A. Miller Sr:

Paric Corporation proposes to complete the following additional work for the additive sum of Forty-Two Thousand Three Hundred Thirty-Four Dollars And Zero Cents \$42,334.00 .

This change will impact the scheduled completion date by 0 days.

- PCI-E-0059 (ASI#30 AV Changes), Total \$ 42,334.00

Proposed Change Proposal Total: \$42,334.00

If this change proposal meets with your approval, please sign and return this proposal for our records by December 26, 2016 at the latest. If accepted this scope will be incorporated into a change order.

Sincerely,

Paric Corporation

Jason Szachnieski
Project Manager

Accepted:

Date:

12/20/2016

Craig A. Miller Sr
Webster University

Declined:

Date:

Craig A. Miller Sr
Webster University

Paric Corporation

PROJECT MANAGEMENT - CHANGE ITEM DETAIL REPORT

15051 - 15051-Webster University Interdisciplinary Science Building

Page: 1 of 1

Date: 19-DEC-16

Time: 11:45 AM

Status: EXT EXT

CI Type	CI Number	Description	Estimated Amount	Quoted Amount	Final Amount	Due to Owner	Notes	Date Sent	Date Received	Date Closed	Budgeted Amount	Billing Amount	Owner CO
EXT	PCI-E-0059	ASI#30 AV Changes			42,334.00	19-DEC-16					42,334.00	42,334.00	
Vendor Name			Description										
		Guarantee Electrical Construction Co	15051	16000.001 S	Electrical Sub		40,353.00	ASI#30 AV Changes		Provide ASI#30 A/V changes per GECO Proposal dated 11/22/16. Add \$40,353			
		PARIC	15051	23100.001 M	Risk Management (1.1%)		444.00	ASI#30 AV Changes		Risk Management			
		PARIC	15051	23150.005 M	Contractor Default Insurance (1.25%)		504.00	ASI#30 AV Changes		Contractor Default Insurance			
		PARIC	15051	23300.001 F	Fee (2.5%)		1,033.00	ASI#30 AV Changes		Contractor Fee			
Total For EXT			0.00	0.00	42,334.00						42,334.00	42,334.00	
Grand Total:			0.00	0.00	42,334.00						42,334.00	42,334.00	

END OF REPORT

Report Parameters

Job:	15051	Project Code:	
From Change Order:		Run Date:	19-DEC-16
To Change Order:		Run Time:	11:45 AM
Status Code:		Operator:	JAS39SZA
Report Type:	DETAIL	Posting Status:	Unposted CI
Print Notes:	Y	Report Code:	PM5000
Group By:	STATUS		



ELECTRICAL CONSTRUCTION

3415 Bent Avenue St. Louis, MO 63116 ph (314) 772-5400 fx (314) 772-2526 web geco.com

CP-49
PC2-E-0059

PROPOSED CHANGE ORDER

Client Address:

PARIC CORPORATION
Contact: Jason Szachnieski
77 W PORT PLAZA # 250
ST. LOUIS, MO 63146

CCN #

Date:

Project Name:

Project Number:

Page Number:

ASI - 30 AV CHANGES

11/22/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

1

Work Description

WEBSTER IBS ASI - 30 AV CHANGES

Description of work

- * Added & Revised Conduit Rough In for AV infrastructure
- * Proposal includes General Foremans time for reviewing and coordination of AV drawings and our electrical drawings.
- * Proposal includes added CAT 6A cabling infrastructure.

Base bid shall increase by: \$ 40,353.00

We reserve the right to correct this quote for errors and omissions.

This quote covers direct costs only and we reserve the right to claim for impact and consequential costs.

This price is good for acceptance within 30 days from the date of receipt.

We request a time extension of 20 days.

We will supply and install all materials, labor, and equipment.

Itemized Breakdown

Description	Qty	Total Mat.	Total Hrs.
1" EMT CONDUIT	125	105.53	8.50
1 1/4" EMT CONDUIT	30	41.12	2.34
1 1/2" EMT CONDUIT	195	327.56	16.96
2 1/2" EMT CONDUIT	130	389.38	15.34
1" EMT STL SS CONN	20	6.60	3.00
1 1/4" EMT STL SS CONN	6	4.21	1.20
1 1/2" EMT STL SS CONN	8	8.17	2.00
2 1/2" EMT STL SS CONN	2	9.43	0.74
1" EMT STL SS CPLG	13	4.82	0.91
1 1/2" EMT STL SS CPLG	28	33.45	3.08
2 1/2" EMT STL SS CPLG	15	58.00	2.40
1 1/2" EMT 90 DEG ELBOW	8	45.78	4.00
2 1/2" EMT 90 DEG ELBOW	2	37.31	1.50
1" EMT 1-H STEEL STRAP	0	0.00	0.00
1 1/4" EMT 1-H STEEL STRAP	6	2.19	0.32

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

PARIC CORPORATION
77 W PORT PLAZA # 250
ST. LOUIS, MO 63146

CCN #

Date:

Project Name:

Project Number:

Page Number:

ASI - 30 AV CHANGES

11/22/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

2

Description	Qty	Total Mat.	Total Hrs.
2 1/2" EMT STRUT CLAMP	13	42.06	0.81
1 1/2" SPRING STL CONDUIT CLAMP W/ BOLT	20	19.57	3.44
1" EMT BUSHING HAMMER ON	6	2.22	0.06
1-1/2" BUSHING HAMMER ON	64	57.60	0.64
1" PVC	50	15.06	3.25
1" PVC TERM ADAPTER	6	1.74	1.32
1" PVC COUPLING	12	2.25	1.04
1" PVC 90 DEG ELBOW	6	4.12	1.86
1" STEEL LOCKNUT	6	1.30	1.02
1" PLASTIC BUSHING	-1	-0.28	-0.17
1 1/4" PLASTIC BUSHING	6	2.16	1.26
1 1/2" PLASTIC BUSHING	8	3.89	2.00
2 1/2" PLASTIC BUSHING	2	3.24	0.84
1 1/2" Nipple and Support	32	312.00	19.84
#12/2C CU MC CABLE AL ARMOR	-15	-7.19	-0.49
3/8" MC CABLE DC SS CONN	-2	-1.01	-0.24
PULL STRING	150	1.50	1.05
P-1000 1 5/8 STRUT	29	65.25	4.35
1/4-20 MACHINE SCREW ANCHOR (lead anchor)	24	7.90	4.80
1/2-13 MACHINE SCREW ANCHOR (lead anchor)	10	17.50	2.50
1/4 PLATED T-ROD	71	26.52	9.73
1/2 PLATED T-ROD	96	134.05	13.15
1/4-20 HEX NUT - PLTD STL	43	0.64	1.40
1/2-13 HEX NUT - PLTD STL	96	7.55	3.36
1/2 LOCK WASHER - PLTD STL	96	6.00	0.84
1/2x 1 3/8 FENDER WASHER - PLTD STL	96	9.48	0.84
#8x 3/4 P/H SELF-TAP SCREW	-2	-0.19	-0.08
#10x 3/4 P/H SELF-TAP SCREW	8	0.88	0.31
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 20G	26	0.95	1.63
459 SNAP-IN MC/AC METAL STUD CLIP	-4	-5.02	-0.12
16M41 1" CONDUIT/ROD CLIP	4	2.45	0.33
16M24 1" CONDUIT 1/4" FLNG	2	3.93	0.15
SCH16 1" EMT- 3/4" GRC STRUT CLIP	9	11.57	0.34
H23 SQ BOX MTG BRKT p.126	1	0.97	0.07
TSGB24 ADJ BOX MTG BRKT	1	2.39	0.03
512 24" SPAN T-BAR BOX HNGR	2	11.57	0.24
1/2-13 BEAM CLAMP	38	190.00	14.25
4" SQ BOX 1 1/2"D COMB KO	-1	-1.18	-0.35
4" SQ BOX 2 1/8"D COMB KO	-1	-2.08	-0.35
4" SQ 1G PLSTR RING 5/8" RISE	-1	-0.83	-0.20
4" SQ 2G PLSTR RING 5/8" RISE	-1	-1.06	-0.20
4 11/16" SQ BOX 2 1/8"D COMB KO	2	4.54	0.70
4 11/16" SQ BOX 2 1/8"D 1 1/4" KO	3	17.71	1.05
4 11/16" SQ BLANK COVER	2	7.15	0.18
4 11/16" SQ 2G PLSTR RING 5/8" RISE	3	13.40	0.60
1 1/2" FIELD CUT KNOCKOUT	4	0.04	3.20
2 1/2" FIELD CUT KNOCKOUT	2	0.02	1.80
CABLE TRAY AV RACK	100	478.00	22.50
SPLC KT	11	16.72	11.00
1G DUPLEX REC PLATE - PLASTIC IVY	-1	-0.26	-0.12
20A 125V DUPLEX REC - IVY (SG)	-1	-3.06	-0.38
2" DIAM CORE 6" THICK FLOOR	1	11.25	2.00

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

PARIC CORPORATION
77 W PORT PLAZA # 250
ST. LOUIS, MO 63146

CCN #

Date:

Project Name:

Project Number:

Page Number:

ASI - 30 AV CHANGES

11/22/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

3

Description	Qty	Total Mat.	Total Hrs.
**1"C (FIRE PROOF)	6	113.70	1.50
**2-1/2"C (FIRE PROOF)	2	43.78	0.70
OWNER PROVIDED AV BACK BOXES	6	0.00	3.00
GF Labor Review & Coordinate AV Drawings	1	0.00	40.00
Totals	1,734	2,726.00	244.59

Summary

General Materials	2,726.00
Material Total	2,726.00
LU 1 - GF @ 86.60/hr	4,503.20
LU 1 - F @ 81.10/hr	991.85
LU 1 - JW @ 75.60/hr	14,792.65
AS-BUILT DRAWINGS	300.00
EXPENDABLES	54.52
SMALL TOOLS	608.63
Subtotal	23,976.85
Markup	2,397.69
Subtotal	26,374.54
SYSTEMS	13,978.65
Subtotal	40,353.19
Credit	-0.19
Final Amount	\$40,353.00

CONTRACTOR CERTIFICATION

Name: _____

Date: _____

Signature: _____

I hereby certify that this quotation is complete and accurate based on the information provided.

CLIENT ACCEPTANCE

CCN #: ASI - 30 AV CHANGES

Final Amount: \$40,353.00

Name: _____

Date: _____

Signature: _____

Change Order #:

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL



ELECTRICAL CONSTRUCTION

3415 Bent Avenue St. Louis, MO 63116 ph (314) 772-5400 fx (314) 772-2526 web geco.com

PROPOSED CHANGE ORDER

Client Address:

CCN#

PCO #004 ASI #030

Date:

11/21/2016

Project Name:

Webster University ISB Low Voltage

Project Number:

71841

Page Number:

1

PCO#004 ASI #030

Description of work

Drawing T010.B 10-14-16

Furnish and install:

(2) Eight port Cat6A locations.

(1) Dual Cat6A locations

Drawing T0102.B

(2) Dual Cat6A data location.

(4) Single Cat6A data location.

Terminate and test all locations...

We reserve the right to correct this quote for errors and omissions.

This quote covers direct costs only and we reserve the right to claim for impact and consequential costs.

This price is good for acceptance within 30 days from the date of receipt.

We request a time extension of 20 days.

We will supply and install all materials, labor, and equipment.

Description	Qty	Total Mat.	Total Hrs.
CMP - CAT. 6A - WHITE	4,000	2,654.00	80.00
4 PORT FACEPLATE	7	45.71	0.35
BLANK INSERT	6	1.50	0.30
DATA INSERT CAT6A GREY WORKSTATION	26	281.06	6.50
DATA INSERT CAT6A GREY CLOSET	26	281.06	6.50

ORIGINAL

PROPOSED CHANGE ORDER

Client Address:

CCN#
Date: 11/21/2016
Project Name: Webster University ISB Low Voltage
Project Number: 71841
Page Number: 2

PCO #004 ASI #030

Description	Qty	Total Mat.	Total Hrs.
CABLE TEST: 4PR(DATA)	26	0.00	16.38
7' PATCH CORDS	28	383.04	1.40
9' PATCH CORDS	28	428.12	1.40
Totals	4,147	4,074.49	112.83

General Materials 4,074.49

Material Total 4,074.49
LU 1 - F - ST - COMM 3,997.36
LU 1 - JW - ST - COMM 3,718.08
EXPENDABLES 2% OF MATERIAL 81.49
SMALL TOOLS 3% OF LABOR 231.46

Subtotal 12,102.88
Overhead 1,210.29

Subtotal 13,313.17
Adjustment #1 -0.17

Final Amount \$13,313.00

CONTRACTOR CERTIFICATION

Name: _____
Date: _____
Signature: _____

I hereby certify that this quotation is complete and accurate based on the information provided.

CLIENT ACCEPTANCE

CCN #: PCO #004 ASI #030 _____
Final Amount: \$13,313.00 _____
Name: _____
Date: _____
Signature: _____
Change Order #: _____

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

Architect's Supplemental Instructions

Architect's Project No:
04561.01

Architect's ASI No: 030

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 10/14/2016

Contract Date:

Reason Code: 06 Owner's Scope

Discipline Code: 07 General Construction
(Architectural)

St. Louis
Baltimore
Boston
Buffalo
Calgary
Chicago
Houston
Los Angeles
Mumbai
New York
Phoenix
San Francisco
Shanghai
Toronto
Vancouver
Victoria
Washington DC

Owner:
Webster University

Architect:
Cannon Design
1100 Clark Avenue
St. Louis, MO 63102

Contractor:
Paric Construction

Contract For: General construction

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. Indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect within fourteen (14) business days of the date of issuance of these instructions. If you feel a change in Contract Sum or Contract Time is warranted, please submit an itemized quotation for the changes for approval within fourteen (14) business days of the date of issuance of these instructions prior to proceeding on the Work. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change.

Attachments:

Sheets: T0001, T0101.B, T0102.B, T0103.B, T0104.B, E0101.B, E0103.B, E0104.B.

1100 Clark Avenue
St. Louis, Missouri
63102
T: 314.241.6250
F: 314.241.2570
www.cannondesign.com

Reason Codes:
#1. Jurisdictional Agency
#2. Constructor Driven
#3. Document Inconsistency
#4. Fast Track Driven
#5. A/E Scope
#6. Owners Scope
#7. Unforeseeable Conditions
#8. Other

Discipline Codes
#1. Demo-demolition
#2. Div1-Division 1 items on the spec book
(this item is not used)
#3. Electrical
#4. Elevator
#5. Equipment (Changes in equipment,
Owner Purchased)
#6. Fire Protection

Discipline Codes
#7. General Construction (Architectural)
#8. General Conditions (Div. 1)
#9. HVAC
#10. Other
#11. Plumbing
#12. Site Work/Landscaping
#13. Structural

Architect's Supplemental Instructions

Page 2

Description:

Please submit an itemized proposal for changes in contract Sum and Contract Time for proposed modifications to the Contract Documents described herein:

1. T0001 – SYMBOLS AND ABBREVIATIONS
 - A. Revised symbol descriptions.
2. T0101.B – LEVEL 01 FLOOR PLAN – AREA B
 - A. Revised AV infrastructure in several locations.
3. T0102.B – LEVEL 02 FLOOR PLAN – AREA B
 - A. Revised AV infrastructure in Comp. Lab/Gen. Classroom 231 and Gen. Classroom 233
4. T0103.B – LEVEL 03 FLOOR PLAN – AREA B
 - A. Revised AV infrastructure in several locations.
5. T0104.B – LEVEL 04 FLOOR PLAN – AREA B
 - A. Revised AV infrastructure in Translation 419, Off Staff 407, and Sm Mtg. 441.
 - B. Removed AV infrastructure in Small Meeting room 441.
6. E0101.B LEVEL 01 AREA B FLOOR PLAN – ELECTRICAL & AUXILIARY
 - A. In Room 131, move receptacle for TV on west wall north to match AV location.
 - B. In Room 156, add floor box and associated Keyed Note E63. Circuit as indicated.
7. E0103.B LEVEL 03 AREA B FLOOR PLAN – ELECTRICAL & AUXILIARY
 - A. In Room 325, move quadruplex receptacle on south wall east to match AV location.
 - B. In Room 353, add floor box and associated Keyed Note E63. Circuit as indicated.
8. E0104.B LEVEL 04 AREA B FLOOR PLAN – ELECTRICAL & AUXILIARY
 - A. In Room 419, delete wall mounted projector duplex receptacle and associated Keyed Note E02.

Issued by Architect:

Tom Becker (Faith Group)

Mark de la Fuente (William Tao & Associates, Inc.)

Accepted by Contractor:

[illegible]

CONDUIT RUN CONCEALED IN CEILING OR WALL CONSTRUCTION

CONDUIT RUN IN FLOOR CONSTRUCTION OR UNDERGROUND

CONDUIT RUN EXPOSED

CONDUIT TURNING UP

CONDUIT TURNING DOWN

CONDUIT ELBOW

BASKET TRAY

NOTE: X.X' = BOTTOM OF BASKET TRAY ELEVATION ABOVE FINISH FLOOR

[illegible]

OR	MAGNETIC STRIPE TYPE CARD READER MOUNT AT #1 A.F.F.
OR	MAGNETIC STRIPE TYPE CARD READER MOUNT AT #2 A.F.F.
ACT	ACCESS CONTROL PANEL
DB	DOOR INTERFACE BOX
DC	DOOR CONTACT SWITCH
PS	POWER SUPPLY
ES	ELECTRIC STRIKE
EP	ELECTRICITY HANG BAR

1636	TELECOM WAN GROUND BUS BAR
164	TELECOM GROUND BUS BAR

SECURITY CAMERA DETAIL REFERENCE

A- RECESSED ACCESSIBLE CEILING
B- RECESSED INACCESSIBLE CEILING
C- OUTDOOR, WALL MOUNTED SEE
DETAIL ON SHEET T082

CAM I-1
■ 4 FIXED CAMERA
CAM I-1 = CAMERA TAG

CAM I-2
■ 2 PAN/TILT-ZOOM CAMERA
CAM I-2 = CAMERA TAG

☐ FIXED CAMERA

☐ PAN/TILT/ZOOM CAMERA

[illegible]

☒ PUBLIC ADDRESS SYSTEM SPEAKER

IC WALL MOUNT EMERGENCY INTERCOM STATION WITH BLUE LIGHT RETROREF.

[illegible]



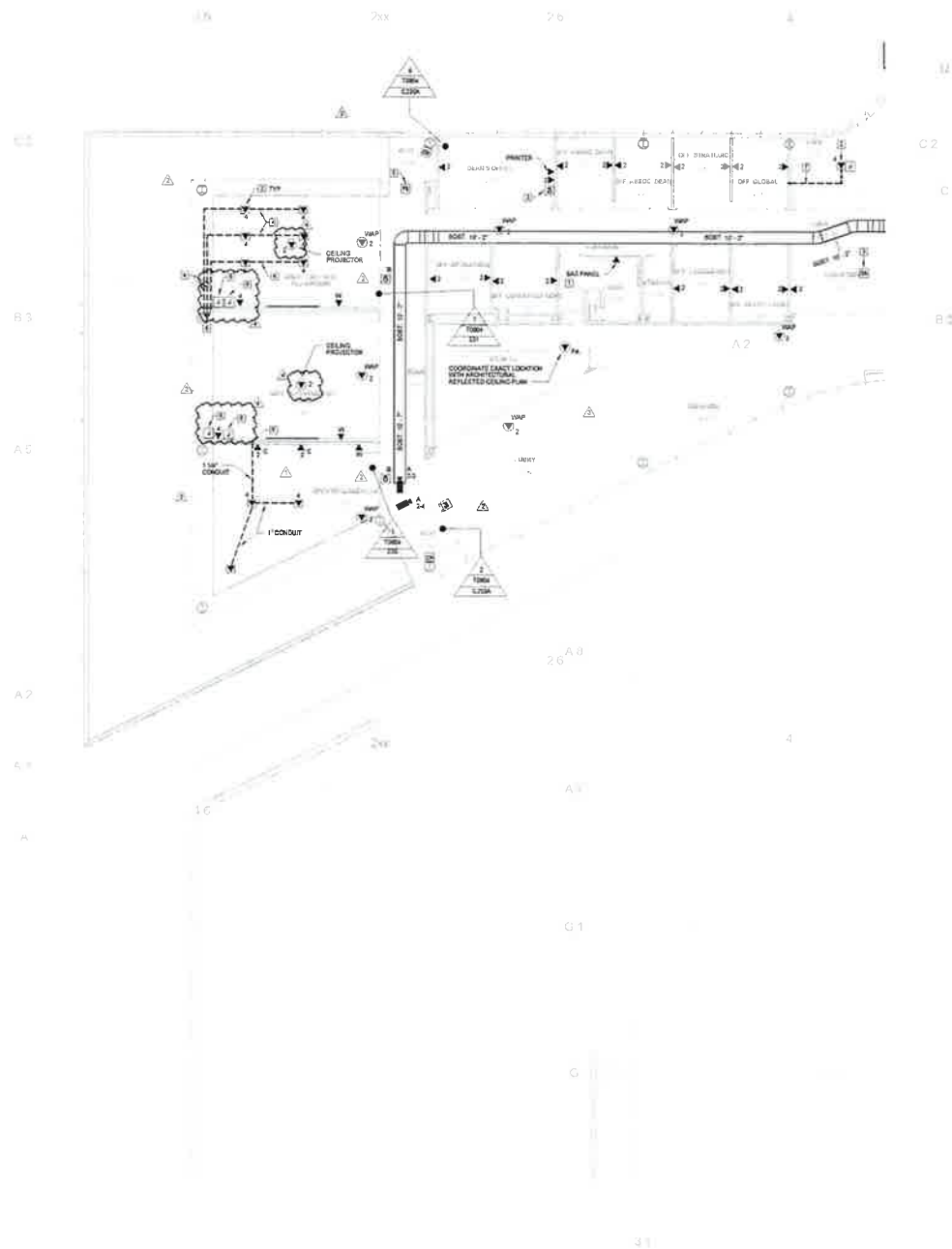
THIS SHEET ONLY

- THIS SHEET ONLY

-

THIS SHEET ONLY

① LEVEL 01 - AREA B
100' x 100'



GENERAL NOTES:

THIS SHEET ONLY

1. DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLE, HORIZONTAL LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATION CABLEING ON THIS SHEET SHALL BE RUN TO LEVEL 03 DATA ROOM 303.

KEYED NOTES:

THIS SHEET ONLY

1. CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
2. SEE ELECTRICAL DRAWINGS FOR FLOOR BOX INFORMATION.
3. SECURITY AND FIREWORKS ALARMS SHALL BE THE BOTTOM 25% OF THE OVER SURFACE COORDINATE EXACT LOCATION WITH FURNITURE INSTALLER, COORDINATE WIRING REQUIREMENTS WITH THE SECURITY AND FIREWORKS INSTALLER.
4. PROVIDE A 1/4" PVC CONDUIT IN LAB FOR NETWORK CABLEING SERVING DESKTOP COMPUTERS.
5. DOOR LOCK POWER SUPPLY.
6. STUB CONCEAL DO CONDUITS UP INTO ACCESSIBLE CEILING SPACE.
7. PROVIDE (1) 1" EPOXY IN LAB FOR RY AND DATA CABLES.
8. PROVIDE (1) 4 1/2" SQUARE X 3 1/2" DEEP BOX WITH 2 GANG RING AND (1) 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE. PROVIDE (1) CAT 6A CABLE TO DATA ROOM IDENTIFIED ON PLANS. MOUNT AT LIGHT SWITCH HEIGHT.
9. PROVIDE (1) 4 1/2" SQUARE X 2 1/2" DEEP BOX WITH 2 GANG RING AND (1) 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE. PROVIDE (1) CAT 6A CABLE TO DATA ROOM IDENTIFIED ON PLANS. MOUNT AT RECEPTACLE HEIGHT.

Webster
UNIVERSITY

Webster University
Interdisciplinary Science
Building

CANNON DESIGN

1102 Olive Avenue
St. Louis, Missouri 63102
P 314.341.2870

William T. & Associates, Inc.
MEP/EI Engineer
7465 Manchester Road, Suite 120
St. Louis, MO 63113
314.861.1001

Daniel M. & Associates, Inc.
Structural & Civil Engineer
808 South Vandeventer Avenue
St. Louis, MO 63116
314.541.1000

Palm Group
Tenn. Hwy.
2101 S. Highway 101, Suite 100
St. Louis, MO 63116
314.861.2228

Kubacki & Lantz, Inc.
Environmental Engineering & Science
7001 Northline Ave.
St. Louis, MO 63120
314.728.0514

KMA Architects
Architects
6711 Langer Road
St. Louis, MO 63134
314.862.2000

Sandman-Welby & Company
General Contractor
8201 Maryland Avenue, Suite 200
St. Louis, MO 63120
314.862.0370

WRT Group
Landscape Architect
7712 Big Spring Drive
St. Louis, MO 63116
314.644.6700

Webb Engineering Services, Inc.
Planning & Engineering
1402 S. 24th Street, Suite 201
St. Louis, MO 63104
314.288.0500

4	AB-003	14 OCT 2015
3	ADDENDUM 2-4	24 MAY 2016
2	ADDENDUM 2-2	18 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUE FOR CONSTRUCTION (EPC)	17 MAR 2016



THE FUTURE OF...

- THIS SHEET ONLY

- ④ PROVIDE (1) CONNECT TO SLAB (FOR HV AND DATA CABLES)
⑤ MOUNT AT RECEPTACLE HEIGHT

White Engineering Services, Inc.
 Plumbing & Fire Protection
 1400 S. 3rd Street, Suite 201
 St. Louis, MO 63104
 314.586.0000

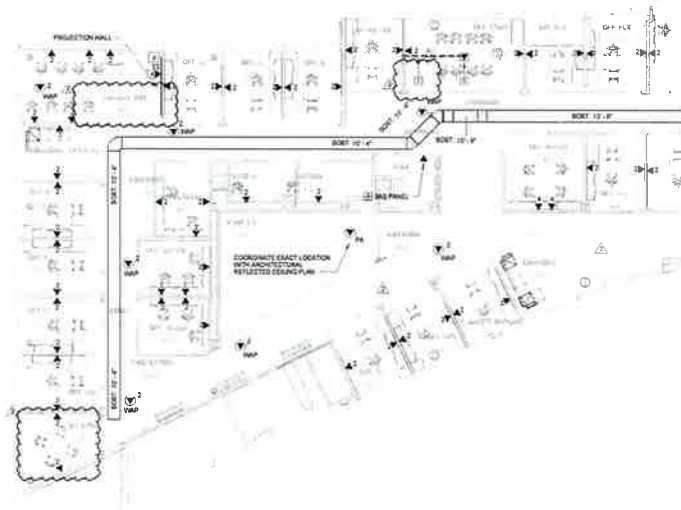


Project No. 04561.01 Checked by:

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written authorization by The Catalyst Corporation.

LEVEL 04 - AREA B
1/4" = 1'-0"



GENERAL NOTES:

THIS SHEET ONLY

1. DATA OUTLETS BY OFFICE SHALL BE LOCATED NEAREST TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTABLE. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATION CABLEING ON THIS SHEET SHALL BE RUN TO LEVEL 04 DATA ROOM 400B.

KEYED NOTES:

THIS SHEET ONLY

1. PROVIDE 1" CONDUITS IN SLAB FOR ALL DATA CABLES. STAY UP INTO ACCESSIBLE CEILING SPACE.
2. NOT USED.
3. CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. NOT USED.



Webster University
Interdisciplinary Science
Building

CANNON DESIGN

1100 Oak Ridge
Louis, Missouri 63102
P 314.341.0000
F 314.241.2070

William T. & Associates, Inc.
MECHANICAL ENGINEERS
7500 W. Highway 100, Suite 100
St. Louis, MO 63113
314.861.1000

David Neuman & Associates, Inc.
Structural & Civil Engineers
800 South Vandeventer Avenue
St. Louis, MO 63113
314.534.1000

Path Group
Technology
3101 S. Highway 100, Suite 100
St. Louis, MO 63113
314.861.2229

Robertson & Associates, Inc.
Engineering Consultants & Surveyors
1001 North 10th Street
St. Louis, MO 63103
314.786.0714

Kyle Architects
Architects
6711 Lindbergh Road
St. Louis, MO 63113
314.862.2500

Spencer & Company
General Contractor
8201 Maryland Avenue, Suite 200
St. Louis, MO 63119
314.862.0070

WRT Design
Landscape Architects
7702 Old Farm Road
St. Louis, MO 63119
314.646.2700

Webb Engineering Services, Inc.
Planning & Design Services
1400 E. 12th Street, Suite 201
St. Louis, MO 63114
314.588.0000

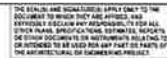
1. ASH 002	14 OCT 2016
2. ADDENDUM 2.4	24 MAY 2016
3. ADDENDUM 2.2	18 APR 2016
4. ISSUED FOR CONSTRUCTION (IFC)	01 MAR 2016



LEVEL 04 FLOOR PLAN -
AREA B

Project No: 0406121 Character: by

T0104.B



1160 Clark Avenue
St. Louis, Missouri 63102
T 314 241 8200
F 314 241 2570

William Tao & Associates Inc.
MHRP Engineer
1765 Manchacha Road Suite 125
St. Louis MO 63143
(314) 433-0000

David Mason & Associates, Inc.
Structural & Civil Engineers
920 South Vandewater Avenue
St. Louis, MO 63110
314.534.1053

Faith Group
Technology
1101 E. Hanley Rd. Suite 100
St. Louis, MO 63143
314.991.2225

Kulthmann Leavitt, Inc.
Lithographic Graphics & Signage
2400 Pershing Ave.
St. Louis, MO 63139
314 725 8846

KWA Architects
Architects
W21 Lillinger Road
St. Louis, MO 63124
314 962 2600

Spallman Bracy & Company
Interior Designers
6721 Maryland Avenue, Suite 300
El Lora, MO 62125
314 862 0070

BWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63118
314 244 5700

Webb Engineering Services, Inc.
Piping & Liner Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.585.0000

#67 REFER TO EQUIPMENT DATA SCHEDULE FOR BRANCH CIRCUIT INFORMATION

#68 PROVIDE NEW RECEPTACLE FOR MONITOR, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS

#69 PROVIDE NEW RECEPTACLE FOR WALL MOUNTED PROJECTOR "VERIFY EXIST LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS"

#70 OUTLET SHALL BE MOUNTED TO THE BACK SIDE OF THE TELECOMMUNICATION RACK AS SHOWN ABOVE. COORDINATE EXIST MOUNTING HEIGHT AND LOCATION WITH TELECOMMUNICATIONS CONTRACTION PRIOR TO INSTALLATION.

#71 OUTLET FOR NEW EQUIPMENT ON EQUIPMENT COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS

#72 OUTLET FOR DATA SERVICE COORDINATE MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS

#73 PROVIDE PER NEMA 3-300-120V RECEPTACLES FOR PRINTER CONTRACTOR SHALL VERIFY PAPER PLUG TYPE WITH OWNERS REPRESENTATIVE PRIOR TO INSTALLATION

#74 ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 3JL3

#75 PROVIDE POWER TO BUILDING AUTOMATION SYSTEM PANEL, COORDINATE LOCATION WITH AUTOMATION CONTRACTOR

#76 PROVIDE A NEW FIRE CLASSIFIED 2-GANG MOUNTED OVER STEEL RECESSED FLOOR BOX PROTECTED TO WIRING METHOD C, NO BEEF-FLEX WITH A BRASS FLAMMANT COVERED GFI PLUG TYPE 15 AMP, 120 VOLT RECEPTACLE FOR USE BY THE MANUFACTURER'S INSTRUCTIONS FOR (Q) OR SUPER REPLACEMENT. (T) LAGG - GATHWICH (SEE TECHNOLOGY DRAWINGS FOR CONNECTIONS). THE BODY SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.

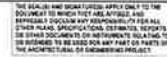
#77 PROVIDE A NEW FIRE CLASSIFIED 2-GANG MOUNTED OVER STEEL RECESSED FLOOR BOX PROTECTED TO WIRING METHOD C, NO BEEF-FLEX WITH A BRASS FLAMMANT COVERED GFI PLUG TYPE 15 AMP, 120 VOLT RECEPTACLE FOR USE BY THE MANUFACTURER'S INSTRUCTIONS FOR (Q) OR SUPER REPLACEMENT. (T) LAGG - GATHWICH (SEE TECHNOLOGY DRAWINGS FOR CONNECTIONS). THE BODY SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS SO THAT THE COVER IS FLUSH WITH THE FLOOR.

#78 PROVIDE FIRE ALARM CONTROL MODULE TO RELEASE POWER TO ELECTRICALLY OPERATED DOOR LOCKS.

#79 PROVIDE A BASIC LOCAL AREA NETWORK AND INCLUDING HARDWARE WITH TECHNOLOGY CONTRACTOR

1	400-000	14 OCT 2015
2	400-000-1	14 APRIL 2016
3	400-000-2	17 MAY 2016
4	ISCU FOR CONSTRUCTION (BP2)	01 MAR 2016

E0103.B



Webster ISB ASI 30

T0101.B		
Description	Length	Count
OWNER PROVIDED AV BACK BOXES NOTE # 9		1
12" TRAPEZE HANGER 1/2x24 ROD		19
2G TELE/DATA ROUGH-IN BOX WITH 1 1/4" STUB-UP		3
AV ROUGH IN		4
NOTE # 20		2
1" PVC TRENCH	50	3
2 1/2" EMT STRUT MOUNT	130	1
1/2" JET LINE PULL KIT		150
**2-1/2"C THRU CONCRETE 4" MAX HOLE FP		2
**1"C THRU CONCRETE 2" MAX HOLE FP		4
1" EMT STRUT MOUNTED	235	3
1" EMT STRUT MOUNTED	-165	-2
2G TELE/DATA ROUGH-IN BOX WITH 1" STUB-UP		-1
1 1/2"x6" GRC NIPPLE		32
1-1/2" EMT BUSHING HAMMER ON		64
1 1/2" EMT EMPTY ADDED	105	1
1 1/2" EMT EMPTY ADDED	30	1
1 1/2" EMT EMPTY ADDED	40	1
1 1/2" EMT EMPTY ADDED	20	1
1" EMT ADDED FOUND ON AV DRAWINGS	40	2
OWNER PROVIDED AV BACK BOXES		1
1" EMT STL SS CONN		2
OWNER PROVIDED AV BACK BOXES		2
1" EMT STL SS CONN		2
2X12X10 WR BSKT EG TR		100
SPLC KT		11
24"TRAPEZE HANGER 1/2x24 ROD		5

T0102.B

SYSTEMS ROUGH-IN BOX WITH 1" STUB-UP		-2
512 24" SPAN T-BAR BOX HNGR		2
4 11/16" SQ BOX THRD ROD ON STEEL FLANGE 3' DROP		2
#8x 1/2 WAFER HEAD SELF-TAP STUD SCREW - 20G		16

T0103.B

SYSTEMS ROUGH-IN BOX WITH 1" STUB-UP		-2
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OWNER PROVIDED AV BACK BOXES		1
1" EMT STL SS CONN		2

T0104.B

2" DIAM CORE 6" THICK FLOOR		1
**1"C THRU CONCRETE 2" MAX HOLE		2
1" EMT ON STL	15	1
1" EMT BUSHING HAMMER ON		5
SYSTEMS ROUGH-IN BOX WITH 1" STUB-UP		-2
GF Labor Review & Coordinate AV Drawings		1

E0104.B

20A DUPLEX RECEPT WITH MC CABLE		-1
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