



December 09, 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-060 - ASI#36 - Added equipment to the Generator backup

Dear Craig A. Miller Sr:

Paric Corporation proposes to complete the following additional work for the additive sum of Thirty-Three Thousand Nine Hundred Seventy-One Dollars And Zero Cents \$33,971.00 .

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

- PCI-E-0061 (ASI#36 - Added equipment to the Generator Backup), Total \$ 33,971.00

The owner contingency will be utilized for this change proposal.

Proposed Change Proposal Total: \$33,971.00

If this change proposal meets with your approval, please sign and return this proposal for our records by December 28, 2016 at the latest. If accepted this scope will be incorporated into a change order.

Sincerely,

Paric Corporation

Jason Szachnieski
Project Manager

Accepted:

Date:

1-11-2017

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: 21-DEC-16

Time: 09:32 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-0061	ASI#36 - Added equipment to the Generator Backup			33,971.00	21-DEC-16					33,971.00	33,971.00	
Vendor Name		Description											
	Guarantee Electrical Construction Co	15051	16000.001 S	Electrical Sub	32,381.00		ASI#36 - Added equipment to the Generator Backup						
	PARIC	15051	23100.001 M	Risk Management (1.1%)	356.00		ASI#36 - Added equipment to the Generator Backup						
	PARIC	15051	23150.005 M	Contractor Default Insurance (1.25%)	405.00		ASI#36 - Added equipment to the Generator Backup						
	PARIC	15051	23300.001 F	Fee (2.5%)	829.00		ASI#36 - Added equipment to the Generator Backup						
Total For EXT			0.00	0.00	33,971.00						33,971.00	33,971.00	
Grand Total:			0.00	0.00	33,971.00						33,971.00	33,971.00	

END OF REPORT

Report Parameters

Job:	15051	Project Code:	
From Change Order:		Run Date:	21-DEC-16
To Change Order:		Run Time:	09:32 AM
Status Code:		Operator:	JAS39SZA
Report Type:	DETAIL	Posting Status:	Unposted CI
Print Notes:	Y	Report Code:	PM5000
Group By:	STATUS		

CP-~~20~~60
E-0061



ELECTRICAL CONSTRUCTION

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

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 - 036 FEED CIRCUITS FROM ISL1

12/15/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

1

Work Description

Webster ISB ASI - 036 Panel 1SL1 Circuitry Changes

Description of work

* Scope based on ASI 36 Narrative presented with documents.

Base bid shall increase by: \$ 32,381.00

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.
3/4" EMT CONDUIT	1,185	565.96	73.47
1" EMT CONDUIT	100	82.75	6.80
1" EMT DC SS CONN	1	0.59	0.15
3/4" EMT STL SS CONN	20	3.84	2.40
1" EMT STL SS CONN	2	0.66	0.30
3/4" EMT STL SS CPLG	85	20.09	5.10
1" EMT STL SS CPLG	9	3.33	0.63
3/4" EMT STL COMP CONN	6	13.35	2.22
3/4" EMT STL COMP CPLG	35	91.37	5.95
3/4" EMT 1-H STEEL STRAP	36	5.67	1.80
1" EMT 1-H STEEL STRAP	2	0.56	0.10
3/4" PLASTIC BUSHING	6	0.97	0.84
1" PLASTIC BUSHING	1	0.28	0.17
#12 THHN BLACK	339	37.23	2.54

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 - 036 FEED CIRCUITS FROM ISL1

12/15/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

2

Description	Qty	Total Mat.	Total Hrs.
#10 THHN BLACK	3,207	538.62	28.06
#8 THHN BLACK	1,815	491.14	20.42
#12 WIRE POWER TERM	3	0.03	0.60
#10 WIRE POWER TERM	10	0.10	2.20
# 8 WIRE POWER TERM	3	0.03	0.75
#12/2C CU MC CABLE AL ARMOR	345	175.96	11.21
3/8" MC CABLE DC SS CONN	20	10.06	2.40
RED SCOTCHLOCK (#16-10)	14	1.73	1.12
1/4 PLATED T-ROD	485	181.15	66.44
1/4-20 HEX NUT - PLTD STL	170	2.52	5.53
1/4 FLAT WASHER - PLTD STL	22	0.31	0.19
#10x 3/4 P/H SELF-TAP SCREW	26	2.84	1.01
6M58 CABLE SUPPORT (MC minnie+7/16 flange clip p.53)	69	139.08	3.45
812M4I 1/2-3/4" CONDUIT/ROD CLIP	101	48.02	8.30
16M4I 1" CONDUIT/ROD CLIP	11	6.73	0.90
H23 SQ BOX MTG BRKT p.126	9	8.74	0.68
4T124 1/4" ROD 1/4" FLNG HNGR	159	210.29	9.94
512 24" SPAN T-BAR BOX HNGR	3	17.36	0.36
4" SQ BOX 1 1/2"D COMB KO	1	1.18	0.35
4" SQ BOX 2 1/8"D COMB KO	11	22.88	3.85
4" SQ 1G PLSTR RING 5/8" RISE	12	9.93	2.40
4 11/16" SQ BOX 2 1/8"D COMB KO	10	22.72	3.50
4 11/16" SQ BLANK COVER	10	35.75	0.90
6x 6x 4" SCREW CVR BOX NEMA 1	1	12.51	1.25
GROUND SCREW W/ INSUL #12 LEAD	6	10.01	0.48
1G DUPLEX REC PLATE - PLASTIC IVY	1	0.26	0.13
1G DUPLEX REC PLATE	7	7.09	0.88
1G DECORATOR PLATE	3	3.04	0.38
20A 125V DUPLEX REC - IVY (SG)	8	24.45	3.00
20A 125V DUP REC - GFCI IVY (SG)	3	43.20	1.31
1" DIAM CORE 6" THICK FLOOR	9	50.67	18.00
**1"C THRU CONCRETE 2" MAX HOLE	18	341.10	4.50
LABEL	11	30.91	1.65
Totals	8,410	3,277.06	308.60

Summary

General Materials	3,277.06
DISTRIBUTION	364.00
Material Total	3,641.06
LU 1 - GF - ST - ELEC (6/1-3/1/16)* @ 86.60/hr	1,336.24
LU 1 - F - ST - ELEC (6/1-3/1/16)* @ 81.10/hr	2,502.75
LU 1 - JW - ST - ELEC (6/1-3/1/16)* @ 75.60/hr	20,997.14
AS-BUILT DRAWINGS	150.00
EXPENDABLES	65.54
SMALL TOOLS	745.08
Subtotal	29,437.81
Markup	2,943.78
Subtotal	32,381.59

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 - 036 FEED CIRCUITS FROM ISL1

12/15/2016

WEBSTER GROVES ISB BUILDING

WEBSTER GROVES ISB BUILDING

3

Summary (Cont'd)

Adjustment #2

-0.59

Final Amount

\$32,381.00

CONTRACTOR CERTIFICATION

Name: _____

Date: _____

Signature: _____

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

CLIENT ACCEPTANCE

CCN #: ASI - 036 FEED CIRCUITS FROM ISL1 _____

Final Amount:\$32,381.00 _____

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: 036

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 11/30/2016

Contract Date:

Reason Code: 06 Owner's Scope

Discipline Code: 03 Electrical

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:

Drawings:

E0102.A, E0102.B, E0103.A, E0103.B, E0104.A, E0503, T0103.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:

SHEET E0102.A LEVEL 02 AREA A FLOOR PLAN – ELECTRICAL

- In room 291, provide emergency power for Deli Refrigerator and connect to 1SL1-43.
- In room 289B, connect refrigerator to emergency power circuit 1SL1-23. Delete branch circuit 20 previously serving equipment.
- In room 289B, connect incubator to emergency power circuit 1SL1-45. Delete branch circuit 18 previously serving equipment.
- In room 289A, connect refrigerator/freezer to emergency power circuit 1SL1-22. Delete circuit 18 previously serving equipment.
- In room 292, provide emergency power for under counter refrigerator and connect to 1SL1-38.
- In room 283, provide emergency power for freezer and connect to circuit 1SL1-24.
- In room 283, provide emergency power for refrigerator and connect to circuit 1SL1-40.

SHEET E0102.B LEVEL 02 AREA B FLOOR PLAN – ELECTRICAL

- In room 235, extend circuit 1SL1-49 to receptacle in floor box to serve MySeq System.

SHEET E0103.A LEVEL 03 AREA A FLOOR PLAN – ELECTRICAL

- In room 389, connect deli cabinet to emergency power circuit 1SL1-3. Delete circuit 20 previously serving equipment.
- In room 383, provide emergency power for incubator and connect to circuit 1SL1-28.
- In room 374B, provide emergency power for refrigerator and connect to circuit 1SL1-47.
- Add Keyed Note E79 to notes list, for aquarium lights.
- In room 378, revise location of emergency aquarium quad receptacles and add three ceiling mounted duplex receptacles for aquarium lights.

SHEET E0103.B LEVEL 03 AREA B FLOOR PLAN – ELECTRICAL

- In room 305, provide column mounted duplex receptacle.

Architect's Supplemental Instructions

Page 3

SHEET E0104.A LEVEL 04 AREA A FLOOR PLAN – ELECTRICAL

- In room 478, connect refrigerator to emergency power circuit 1SL1-30. Delete branch circuit 26 previously serving equipment.

SHEET E0503 PANEL SCHEDULES

- Revise Panel 1SL1 to be 54 pole in-lieu of 42 pole.
- Update Panel 1SL1 circuit descriptions as shown.

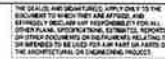
T0103.B – LEVEL 03 FLOOR PLAN – AREA B

- Office Staff 305 – Deleted the floor data outlet. Added a column mounted data outlet.

Issued by Architect: Mark de la Fuente, William Tao & Associates, Inc.
Tom Becker, Faith Group.

Accepted by Contractor:





A DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH CONTRACTOR AND PROJECT TEAM TO ACHIEVE:

B ALL DEVICES SHOULD BE NEW UNLESS NOTED OTHERWISE

C ALL DEVICES TO REMAIN ARE INDICATED WITH A THIN SOLID LINE WEIGHT AND SUBSCRIPT "X":

D CONTRACTOR SHALL VISIT PRIOR TO SUBMITTALS TO DETERMINE SITE CONDITIONS IMPACTING THE EXECUTION OF WORK. FAILURE TO BE ACOQUINATED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES

E PROVIDE FACE PLATES ON ALL BOXES ABANDONED IN FINISHED FLOOR WALL OR ON CEILINGS. COORDINATE COLOR AND FINISH WITH ARCHITECT. CONTRACTOR TO VERIFY QUALITY OF THE FIELD

F WHERE EXPOSED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL OF ROUTING PRIOR TO WORK. WHERE NECESSARY, CONDUIT SHALL BE ROUTED THRU TO STRUCTURE

G ALL SINGLE PHASE BRANCH CIRCUITS SHOULD HAVE, INDICATED NOTATIONS TO MEET NEC SECTION 90.10, MULTI PHASE BRANCH CIRCUIT REQUIREMENTS

H REFER TO TECHNOLOGY DRAWINGS FOR CONTRACT ROUGH OF DATA VOICE AND AV

[illegible]

1100 Clark Avenue
St. Louis, Missouri 63102
T 314 241 6250
F 314 241 2570

MDRFP Engineer
7160 Manchester Road, Suite 125
St. Louis, MO 63143
314.884.7800

David Memon & Associates, Inc.
Structural & Civil Engineers
620 South Vandeventer Avenue
St. Louis, MO 63110
314/241-1766

Falch Group
Technology
3101 S. Main St., Suite 100
St. Louis, MO 63143
314-931-2226

Kuhlmann-Lewitz, Inc.
Environmental Graphics & Signage
7450 Pershing Ave.
St. Louis, MO 63120
314 725 8818

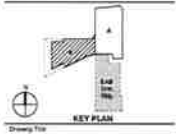
KWA Architects
Architects
9721 Lullinger Road
St. Louis, MO 63124
314 963 2580

Spillman Group & Company
Interior Design
6225 Maryland Avenue, Suite 202
St. Louis, MO 63143
314.862.0070

BWT Design
Landscape Architects
7722 Big Bend Blvd
Rt. Louis MO 63119
314 844 5700

Webb Engineering Services Inc.
Plumbing & Fire Protection
1400 S. 2nd Street, Suite 201
St. Louis, MO 63104
314.588.0500

5	ADD-2018	20 NOV 2018
4	ADD-2018	19 NOV 2018
3	ADD-2018	14 OCT 2018
2	ADDENDUM 2.0	19 APRIL 2018
1	ADDENDUM 2.1	17 MAR 2018
ISSUED FOR CONSTRUCTION (DP2)		21 MAR 2018
No	Description	Date

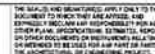


Project No	04-SB-01	Checked by
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References

E0102.B

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7. ALL NOT SCALE DRAWINGS: REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES WITH FIELD ENGINEER AND/OR FIELD SUPERVISOR.

8. ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.

9. ALL DEVICES TO BE MAINTAINED ARE INDICATED WITH A THIN SOLID LINE AND NOTED "SUSCEPT EX".

10. CONTRACTOR SHALL BE REQUIRED TO BID SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO AGREE WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL DEVIATIONS.

11. EXPOSED FACE PLATES ON ALL 1" BOXES ABANDONED IN FINISHED FLOOR, WALL, OR CEILINGS, COORDINATE COLOR AND FINISH WITH ARCHITECT CONTRACTOR FOR VISUAL UNIFORMITY IN THE FIELD.

12. WHERE EXPOSED CONDUIT IS NOTED CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL FOR ROUTING PRIOR TO INSTALLATION. CONTRACTOR SHALL SUBMIT TO STRUCTURE.

13. ALL SINGLE PHASE BRANCH CIRCUITS SHOWN SHALL HAVE DECATED NOTATIONS TO MEET NEC SECTION 210.4 MULTI WIRE BRANCH CIRCUIT REQUIREMENTS.

14. REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT SIZES, ENDS IN DATA, VOICE AND AV, 1500 BRANCH CIRCUITS ON 100 FEET SHALL BE RATED FROM PANEL, 30' SHALL NOT EXCEED OTHERWISE.

[illegible]

1100 Clark Avenue
St. Louis, Missouri 63102
T 314 241 8250
F 314 361 9570

William T. & Associates, Inc.
MCE/P Engineer
7965 Marshview Road, Suite 120
(313) 441-5 MO/BJ143
016 MAR 2000

David Moxon & Associates, Inc.
Structural & Civil Engineers
1850 South Vandewater Avenue
Tampa, FL 33606

Fath Group
Technology
3161 E. Hanley Rd. Suite 100
St. Louis, MO 63143
314.991.2220

Kühnemann LaserArt, Inc.
Environmental Graphics & Signs
7400 Pershing Ave
St. Louis, MO 63130
314-725-6618

KWA Architects
Architects
5721 Ullinger Road
St. Louis, MO 63124
314.862.2560

Spokenman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 200
Baltimore, MD 21206
314-662-0070

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 205
St. Louis, MO 63104
314.589.0000

01-540-6000

6. A51 03B	30 NOV 2015
6. A51 02G	10 NOV 2016
6. A51 017	14 OCT 2016
6. A51 0034 F 4	15 APRIL 2016

ISSUED FOR CONSTRUCTION (CPL) 17 MAR 2018
BY 66ARJ009

No	Design	Dim
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100

KEY POINTS

Doing Time

LEVEL 03 AREA A FLOOR

PLAN - ELECTRICAL &
MECHANICAL

AUXILIARY

Project No. 04561.01 Checked by

Age Group	Percentage
18-24	15%
25-34	25%
35-44	20%
45-54	15%
55-64	10%
65-74	5%
75-84	5%
85+	5%

E0103 A

LOTUS.A

[illegible]

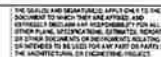
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LEVEL 03 - AREA A - FLOOR PLAN - POWER AND AUXILLARY

1 LEVI

1/27/2016 4:31:20 PM WTA 14127.01 D:\kaydun\Rowe\2015 Log\14127.01 MAD\14127.01 WU WTA MC MAD.rpt

E0103.A



A DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH FIELD WORK TO BE DONE BY OTHERS.

B ALL DEVICES SHOW ARE NEW UNLESS NOTED OTHERWISE.

C ALL DEVICES TO REMAIN ARE INDICATED WITH A THIN SOLID LINE. WEIGHT AND STRENGTH "SEE" EXIST.

D CONTRACTOR SHALL VERIFY PRIOR TO SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E PROVIDE FACE PLATES ON ALL JOINTS BOXES ABANDONED IN FINISHED FLOOR OR WALL CEILINGS. COORDINATE COLOR AND FINISH WITH CONTRACTOR TO VERIFY QUANTITY IN THE FIELD.

F WHERE EXPLODED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN CONTRACTOR'S APPROVAL PRIOR TO PROCEEDING WITH THE ROUTING TO THE STRUCTURE.

G ALL SINGLE PHASE BRANCH CIRCUITS SHOWN SHALL HAVE DETACHED NEUTRALS TO MEET NEC SECTION 210.4 MULTI WIRE BRANCH CIRCUIT REQUIREMENTS.

H REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT BEND, END OF DATA VOICE AND ALL LOW VOLTAGE CIRCUITS ON THIS SHEET SHALL BE FIELD WORK. UNLESS NOTED OTHERWISE.

631 **REFER TO EQUIPMENT DATA SHEET FOR BURNER/GRILL INFORMATION**

632 PROVIDE NEW RECEPTACLE FOR MONITOR. COORDINATE MONITOR HEIGHT WITH ARCHITECTURAL ELEVATIONS AND TECHNOLOGY PLANS

633 PROVIDE NEW RECEPTACLE FOR WALL MOUNTED PROJECTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS AND AV DRAWINGS

634 OUTLET SHALL BE MOUNTED TO THE BACK SIDE OF THE TELECOMMUNICATION RACK AND FIDELITY RACK. COORDINATE WITH TELECOMMUNICATIONS CONTRACTOR FOR TELECOMMUNICATIONS CONTRACTOR PRIOR TO INSTALLATION

635 OUTLET FOR RACK MOUNTED AV EQUIPMENT. COORDINATE MONITORING HEIGHT AND LOCATION WITH ARCHITECTURAL ELEVATIONS AND AV DRAWINGS

636 OUTLET FOR DIGITAL SIGNAL. COORDINATE MONITORING HEIGHT AND EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS AND AV DRAWINGS

637 PROVIDE MEDIA BAY OR MEDIA RECEPTACLE FOR PRINTER. CONTRACTOR SHALL VERIFY PRINTER PLUG TYPE WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH IN

644 **ALL 120V BRANCH CIRCUITS IN THIS ROOM SHALL BE FED FROM PANEL 1.**

650 PROVIDE POWER TO BUILDING AUTOMATION SYSTEM PANEL. COORDINATE LOCATION WITH AUTOMATION CONTRACTOR

651 PROVIDE A 2HR FIRE CLASSIFIED 2 1/2 MGD MULTISERVICE STEEL, RECESSED FLOOR BOX WITH 120V/20A/1000VA. NO BURNER. PROVIDE 2" COVER. COVER SHALL BE 10" OFF FLOOR IN THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (1) FIDELITY RECEPTACLE, (2) DIGITAL SIGNAL RECEPTACLE, (3) TECHNOLOGY DRAWINGS FOR DEVICE TYPE, (4) GABOR AV (SEE AV DRAWINGS FOR DEVICE TYPE). THE BOX SHALL BE MANUFACTURED WITH INSTRUCTIONS SHOWING THAT THE COVER IS FLUSH WITH THE FLOOR

652 PROVIDE A 2HR FIRE CLASSIFIED 4 GALLON MULTISERVICE STEEL, RECESSED FLOOR BOX WITH 120V/20A/1000VA. NO BURNER. PROVIDE 2" COVER. COVER SHALL BE 10" OFF FLOOR IN THE FLOOR BOX SHALL HAVE ALL NECESSARY MOUNTING BRACKETS FOR (2) FIDELITY RECEPTACLE, (2) DIGITAL SIGNAL RECEPTACLE, (3) TECHNOLOGY DRAWINGS FOR DEVICE TYPE, (1) GABOR AV (SEE AV DRAWINGS FOR DEVICE TYPE). THE BOX SHALL BE MANUFACTURED WITH INSTRUCTIONS SHOWING THAT THE COVER IS FLUSH WITH THE FLOOR

656 PROVIDE FIRE ALARM CONTROL MODULE TO RELAY POWER TO ELECTRICALLY WELD OPEN FIRE ALARM INPUT OF ASSOCIATED SMOKE DETECTOR

657 PROVIDE MEDIA BAY OR MEDIA RECEPTACLE FOR PRINTER. CONTRACTOR SHALL VERIFY PRINTER PLUG TYPE WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH IN

1100 Clark Avenue
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F 314 241 3070

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7850 Merchants Road Suite 120
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David Mison & Associates, Inc.
Structural & Civil Engineer
NEO South Vandeventer Avenue
St. Louis, MO 63110

314 934 1053
Felix Group
Technology
3101 S. Hanley Rd. Suite 100
St. Louis, MO 63143
314 981 2228

Kuhlmann Leavitt, Inc.
Environmental Graphics & Signs
7400 Pershing Ave.
St. Louis, MO 63130
314 725-8818

KWA Architects
Architects
9721 Linder Road
St. Louis, MO 63124
314 962-2580

Bedmen Brady & Company

SWT Design
Landmark Architects

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201

St. Louis MO 63104
314 588 0000

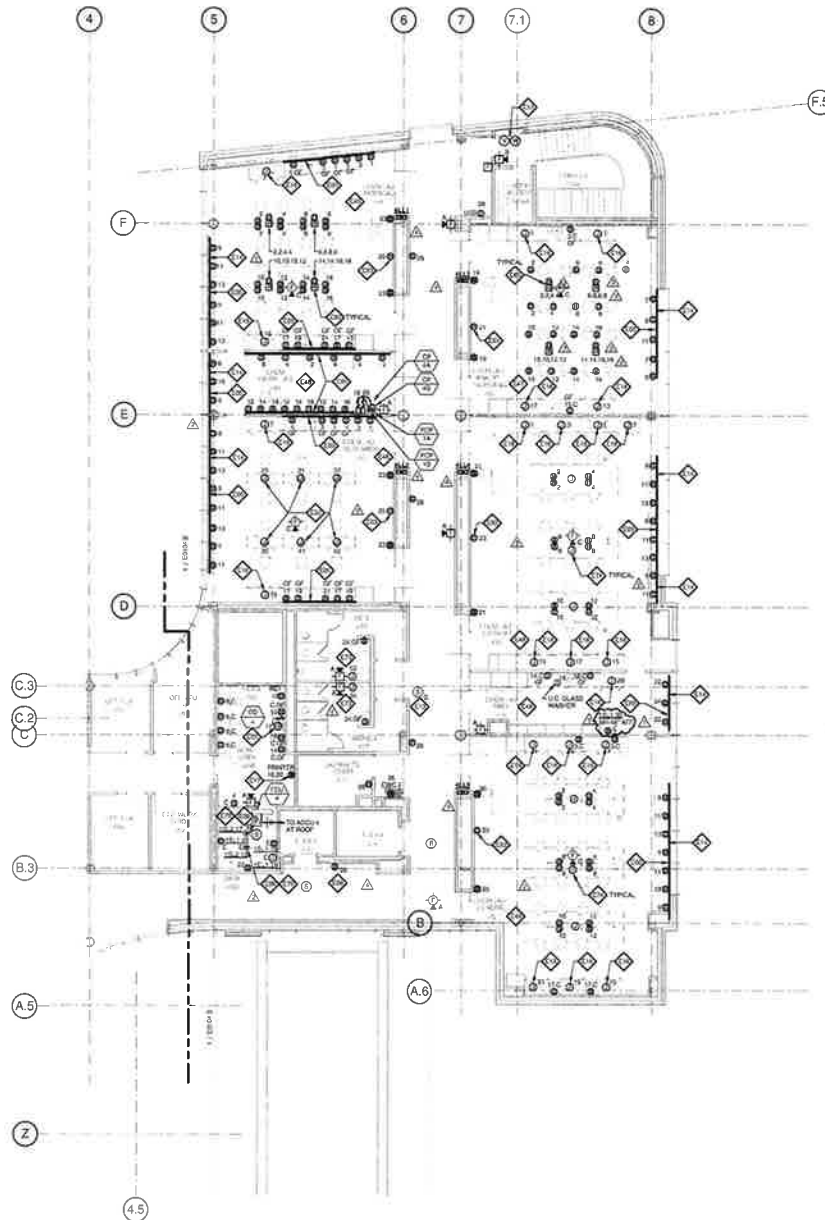
1	ASI 036	30 NOV 2015
2	ASI 036	16 NOV 2015
3	ASI 030	14 OCT 2015
4	ADDENDUM 2.2	19 APRIL 2010
5	ADDENDUM 2.1	17 MAR 2010
6	ISSUED FOR CONSTRUCTION (P1)	01 MAR 2008



Project No. 04-561.01 Checked by:

E0103.B

THE DETAILS AND DIMENSIONS APPLY ONLY TO THE
DOCUMENT TO WHICH THEY ARE APPLIED. AND
REPRESENT THE DESIGNER'S RESPONSIBILITY FOR ALL
OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS,
OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO
THE PROJECT. THE DESIGNER IS NOT RESPONSIBLE FOR
THE ARCHITECTURAL OR ENGINEERING PROJECT.

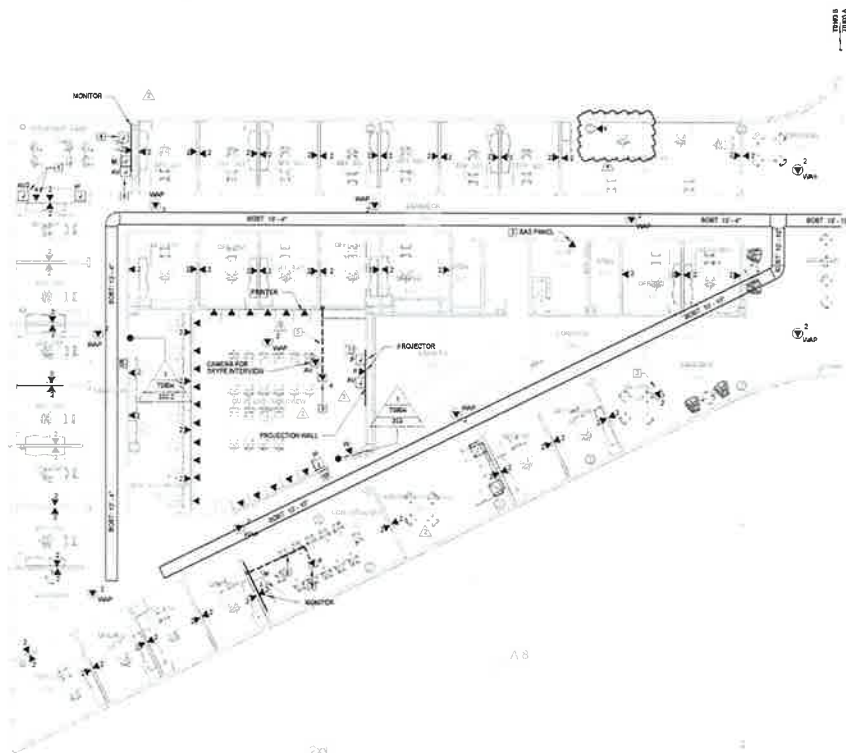


[illegible][illegible]

Panel: 2SH1										
Location: Main ELECTRICAL RM				Vols: 480V/3W/3ph			A/C Rating: 30 KVA			
Supply From: ATS 53				Phases: 3			Main Type: M2			
Mounting: 8				Wires: 4			Main Rating: <= 0 A			
Bridges: Type 1							M2B Rating:			
QTY	Detail Description	Temp	Phase	A	B	C	Phase	Temp	Detail Description	QTY
1	JOSEPH PUMP	15.0 A	3	1154.0 0.000	1154.0 0.000	1154.0 0.000	3	70.4	1" HOLY M6.1	8
1	CLAVATOR 1	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 2	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 3	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 4	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 5	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 6	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 7	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 8	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 9	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 10	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 11	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 12	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 13	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 14	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 15	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 16	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 17	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 18	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 19	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 20	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 21	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 22	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 23	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 24	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 25	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 26	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 27	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 28	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 29	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 30	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 31	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 32	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 33	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 34	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 35	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 36	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 37	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 38	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 39	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 40	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 41	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 42	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 43	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 44	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 45	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 46	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 47	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 48	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 49	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 50	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 51	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 52	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 53	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 54	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 55	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 56	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
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1	CLAVATOR 59	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 60	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 61	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 62	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 63	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 64	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
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1	CLAVATOR 67	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 68	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 69	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 70	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
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1	CLAVATOR 72	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 73	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 74	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
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1	CLAVATOR 76	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 77	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
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1	CLAVATOR 79	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 80	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 81	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 82	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 83	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 84	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 85	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 86	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 87	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 88	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 89	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 90	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 91	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 92	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 93	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 94	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 95	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	8
1	CLAVATOR 96	45.0 A	3	2084.0 0.000	2084.0 0.000	2084.0 0.000	3	85.0	1" HOLY M6.1	

E0503

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GENERAL NOTES: THIS SHEET ONLY

1. DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE FORMER RECEPTACLE. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATIONS CABLES ON THIS SHEET SHALL BE RUN TO LEVEL 03 DATA ROOM ERM.

KEYED NOTES: THIS SHEET ONLY

1. CAS NET MOUNTED ON EQUIPMENT, 07/16.
2. CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
3. SEE ELECTRICAL SCHEDULE FOR FLOOR BOX INFORMATION.
4. PROVIDE 4 x 1 1/2\"/>

Webster
UNIVERSITY

Webster University
Interdisciplinary Science
Building

CANNONDESIGN

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St. Louis, Missouri 63102
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Structural & Civil Engineer
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St. Louis, MO 63110
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Thompson
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Environmental Graphics & Signs
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St. Louis, MO 63104
314-588-0000

4	ASH-006	30 NOV 2018
3	ASH-005	10 NOV 2018
2	ASH-000	14 OCT 2018
1	40000000-04	24 MAY 2018

1. SOURCE FOR CONSTRUCTION (SP) 01 MAY 2018

No.	Description	Date
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Drawing Title

LEVEL 03 FLOOR PLAN - AREA B

Project No: 04561-01 Character: 1

T0103.B