CHASCO CONSTRUCTORS

P.O. BOX 1057
ROUND ROCK, TX 78680
Ph : 512-244-0600

Change Order

Project:
20-15092 WILCO ANNEX - GC
151 WILCO WAY
GEORGETOWN, TX

Change Order: 17
Date: 9-17-2018
Architect's Project:

To Contractor:
CHASCO CONSTRUCTORS
P.O. BOX 1057
ROUND ROCK, TX 78680

The Contract is changed as follows:
Misc Subcontractor Change Orders

Misc Subcontractor Change Orders		
Owner's Contingency	<$8,183.00>	Jar
Owner's Contingency	$8,183.00	
Contractor's Contingency	<$8,596.00>	
Contractor's Contingency	$8,596.00	
Misc. Waterproof Line Item	<$23,925.00>	
Misc. Waterproof Line Item	$23,925.00	
Total	$0	

See attached breakdown and backup

The original Contract Amount was	$14,919,081.00
Net change by previously authorized Change Orders	$0.00
The Contract Amount prior to this Change Order was	$14,919,081.00
The Contract will be increased by this Change Order in the amount of	$0.00
The new Contract Amount including this Change Order will be	$14,919,081.00

The date of Substantial Completion as of the date of this Change Order therefore is

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACT AND OWNER.

ARCHITECT	CHASCO CONSTRUCTORS CONTRACTOR P.O. BOX 1057 ROUND ROCK, TX 78680	OWNER
(Signature)	(Signature)	(Signature)
By Keith S. Hickman	By BILL BAMBRICK	By
Date 9 Oct. 2018	Date 10-9-18	Date

Wilco Annex 9/12/2018

Change order #17 Misc Subcontractor Change Orders

item	subcontractor	description	amount	owner contingency	contractor contingency	Misc. Waterproofing	
01	Kidd Roofing	26 guage stainless steel flashing @ metal panels	$ 1,913.00		$ 1,913.00	$ -	
02	Kidd Roofing	Ridge vent for standing seam roof @ pavillion	$ 731.00	$ 731.00	$ -		
03	Black Box	Add 11 TV locations on 1st fl and 14 on 2nd fl	$ 7,452.00	$ 7,452.00	$ -		
04	Floyd's Glass	Add break metal at front curtainwall	$ 510.00		$ 510.00		
05	Alpha Insulation	T&M tickets for extra flashing around windows	$ 6,065.00		$ -	$ 6,065.00	Apply to "Misc. Watrproofing & Sealants" line item in contract
06	Whitetail Construction	Lueders for the Rosch Site Wall	$ 2,094.00		$ 2,094.00		
07	Alpha Insulation	Joint Sealants	$ 17,860.00		$ -	$ 17,860.00	Apply to "Misc. Watrproofing & Sealants" line item in contract
08	Colvin Electric	120V Power to BAS Control Devices	$ 4,079.00		$ 4,079.00		
			$ 40,704.00	$ 8,183.00	$ 8,596.00	$ 23,925.00	

Item 01

Project: Williamson Co Annex

Date: 7/24/2018

GC: Chasco

Subcontractor: Kidd Roofing

Price Request #: COR #02 R1

DESCRIPTION OF CHANGE: Furnish and install 26 gauge stainless steel flashing thru-wall at metal panels level 1 and solder inside and outside corners only. Excludes: OT, Waterproofing, Engineering

Description of Materials	Quantity	Unit	Cost	Labor Total	Material Total	Equipment/Misc
Material/Fabrication/Misc/Det	1.00	ls	$ 1,874.00		$ 1,874.00	
Roofer Regular Time	28.00	hrs	$ 40.13	$ 1,123.64		
Roofer Premium time	0.00	hrs	$ 20.07	$ -		
Foreman Regular Time	28.00	hrs	$ 51.08	$ 1,430.24		
Foreman Premium Time	0.00	hrs	$ 25.54	$ -		
Superintendent Regular Time	2.00	hrs	$ 65.00	$ 130.00		
Superintendent Premium Time	0.00	hrs	$ 32.50	$ -		
Equipment	0.00	hrs	$ 48.00			$ -
			SUBTOTALS	$ 2,683.88	$1,874.00	$ -

LABOR TOTAL	$ 2,683.88
MATERIAL TOTAL	$ 1,874.00
Equipment	$ -
Small Tools	$ 91.16
Supervision	$ -
Warranty	$ 91.16
Sales Tax	$ -
Bond	$ 142.21
O/H and Profit	$ 732.36
Grand Total of Price Request	$ 5,615

Pricing is good for 30 days only and prior to substantial completion of scope

-3,702

Difference $1,913.00

Project: Williamson Co Annex

Date: 7/16/2018

Subcontractor: Kidd Roofing

GC: Chasco

Price Request #: COR #02

DESCRIPTION OF CHANGE: provide and install 26 gauge stainless steel flashing thru-wall at metal panels level 1. Excludes: OT, Waterproofing, ~~Solder joints~~

Description of Materials	Quantity	Unit	Cost	Labor Total	Material Total	Equipment/Misc
Material/Fabrication/Misc/Det	1.00	ls	$ 1,598.00		$ 1,598.00	
Roofer Regular Time	14.00	hrs	$ 40.13	$ 561.82		
Roofer Premium time	0.00	hrs	$ 20.07	$ -		
Foreman Regular Time	14.00	hrs	$ 51.08	$ 715.12		
Foreman Premium Time	0.00	hrs	$ 25.54	$ -		
Superintendent Regular Time	2.00	hrs	$ 65.00	$ 130.00		
Superintendent Premium Time	0.00	hrs	$ 32.50	$ -		
Equipment	0.00	hrs	$ 48.00			$ -
			SUBTOTALS	$ 1,406.94	$1,598.00	$ -

LABOR TOTAL	$ 1,406.94
MATERIAL TOTAL	$ 1,598.00
Equipment	$ -
Small Tools	$ 60.10
Supervision	$ -
Warranty	$ 60.10
Sales Tax	$ -
Bond	$ 93.75
O/H and Profit	$ 482.83
Grand Total of Price Request	$ 3,702

Pricing is good for 30 days only and prior to substantial completion of scope

Item 02

Project: Williamson Co Annex

Date: 8/14/2018

GC: Chasco

Subcontractor: Kidd Roofing

Price Request #: COR #03

DESCRIPTION OF CHANGE: Furnish and install a ridge vent for the standing seam roof at pavillion

Description of Materials	Quantity	Unit	Cost	Labor Total	Material Total	Equipment/Misc
Material/Fabrication/Misc/Det	1.00	ls	$ 255.00		$ 255.00	
Roofer Regular Time	3.00	hrs	$ 40.13	$ 120.39		
Roofer Premium time	0.00	hrs	$ 20.07	$ -		
Foreman Regular Time	3.00	hrs	$ 51.08	$ 153.24		
Foreman Premium Time	0.00	hrs	$ 25.54	$ -		
Superintendent Regular Time	1.00	hrs	$ 65.00	$ 65.00		
Superintendent Premium Time	0.00	hrs	$ 32.50	$ -		
Equipment	0.00	hrs	$ 52.00			$ -
			SUBTOTALS	**$ 338.63**	**$255.00**	**$ -**

LABOR TOTAL	$ 338.63
MATERIAL TOTAL	$ 255.00
Equipment	$ -
Small Tools	$ 11.87
Supervision	$ -
Warranty	$ 11.87
Sales Tax	$ -
Bond	$ 18.52
O/H and Profit	$ 95.38
Grand Total of Price Request	**$ 731**

Pricing is good for 30 days only and prior to substantial completion of scope

15042

BLACK BOX NETWORK SERVICES
Formerly ACS Dataline

Change Order

Change Order # 1

Your Office Address: 2535 Brockton Drive
Suite 400
Austin, Texas 78758

BBNS Job #: PRJ00084026
Service Order Issue Date: 08/28/18
Job Contract/P.O. Number:
Project Foreman:
Site Location: Williamson County Annex

Project Manager: Larry Atkinson
Customer Billing Address: Chasco Constructors-Williamson County
PO Box 1057
Round Rock TX 78680

General Contractor: N/A
G.C. Project Manager: N/A
Phone/Pager: N/A

Customer Authorizing Agent: Mark Lee
Phone: 512 992 5863
Email: mark.Lee@chasco.com

SCOPE OF CHANGE ORDER:
Add 11 TV locations on 1st floor and 14 on 2nd floor, a total of 50 cables, 2 per location

MATERIAL DESCRIPTION:		QTY	UNIT COST	SUB-TOTAL	TAX RATE	TOTAL COST
4 pair Cat ^ Plenum Cable Blue 7131800		8,000	$0.24	$1,936.00		$1,936.00
Cat 6 RJ45 Insert Blue NK688MBUY		50	$4.60	$230.00		$230.00
2-port Flush Mount White faceplate NK2WHY		25	$1.44	$36.00		$36.00
48 port Cat 6 Patch Panel NK6PPG48Y		2	$305.00	$610.00		$610.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
Misc		0	$0.00	$0.00		$0.00
			MATERIAL TOTAL	$2,812.00		$2,812.00

LABOR:		HOURS	RATE	SUB-TOTAL	TAX RATE	TOTAL COST
LABOR:		80	$58.00	$4,640.00		$4,640.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
		0	$0.00	$0.00		$0.00
PROJECT MANAGEMENT		-	- - -	$0.00		$0.00
			LABOR TOTAL	$4,640.00		$4,640.00

CHANGE ORDER TOTAL	$7,452.00
PREVIOUS CONTRACT AMOUNT	$85,678.17
REVISED CONTRACT AMOUNT	$93,130.17

This Change Order becomes part of and in conformance with the Terms and Conditions of the existing contract indicated above. By signing below, Black Box, L.P. agrees to make the requested changes, as specified in this document and,by signing below, the Customer agrees to pay for said changes.

BBNS will provide and install the above Change Order, once executed, on or before: ______ Date

BBNS, Authorized Signature: Larry Atkinson

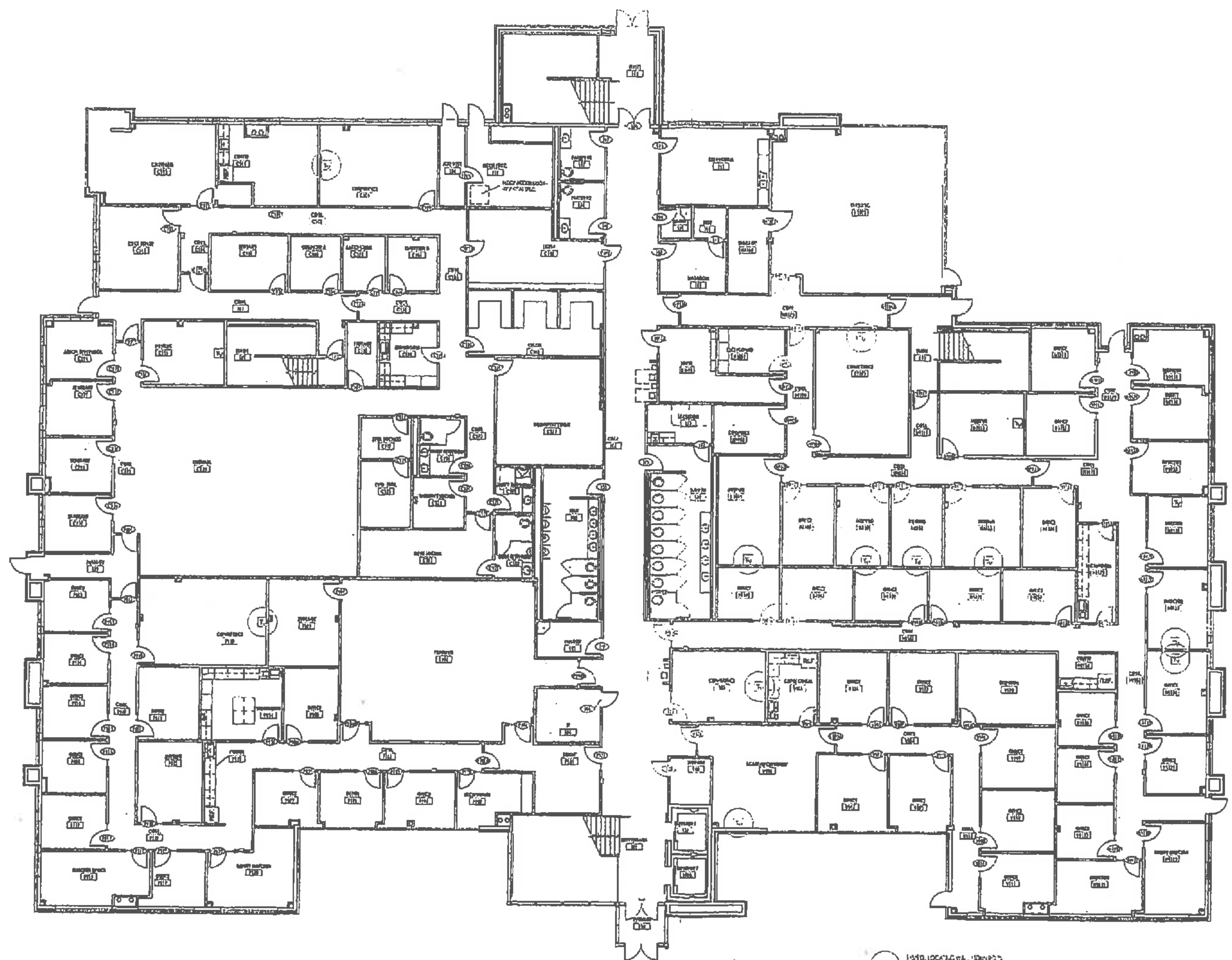
Print Name: Phone: Fax: (512) 837-6767

OWNER/CUSTOMER

Accepted - The above price(s) and Service Order Scope is satisfactory and is hereby accepted. All work will be performed under the same terms and condition as specified in the Original Contract unless otherwise stipulated.

Customer Name: ______ Phone: ______

Customer Signature: ______ Date: ______ EXT.



1 COMPOSITE PLAN - FIRST FLOOR

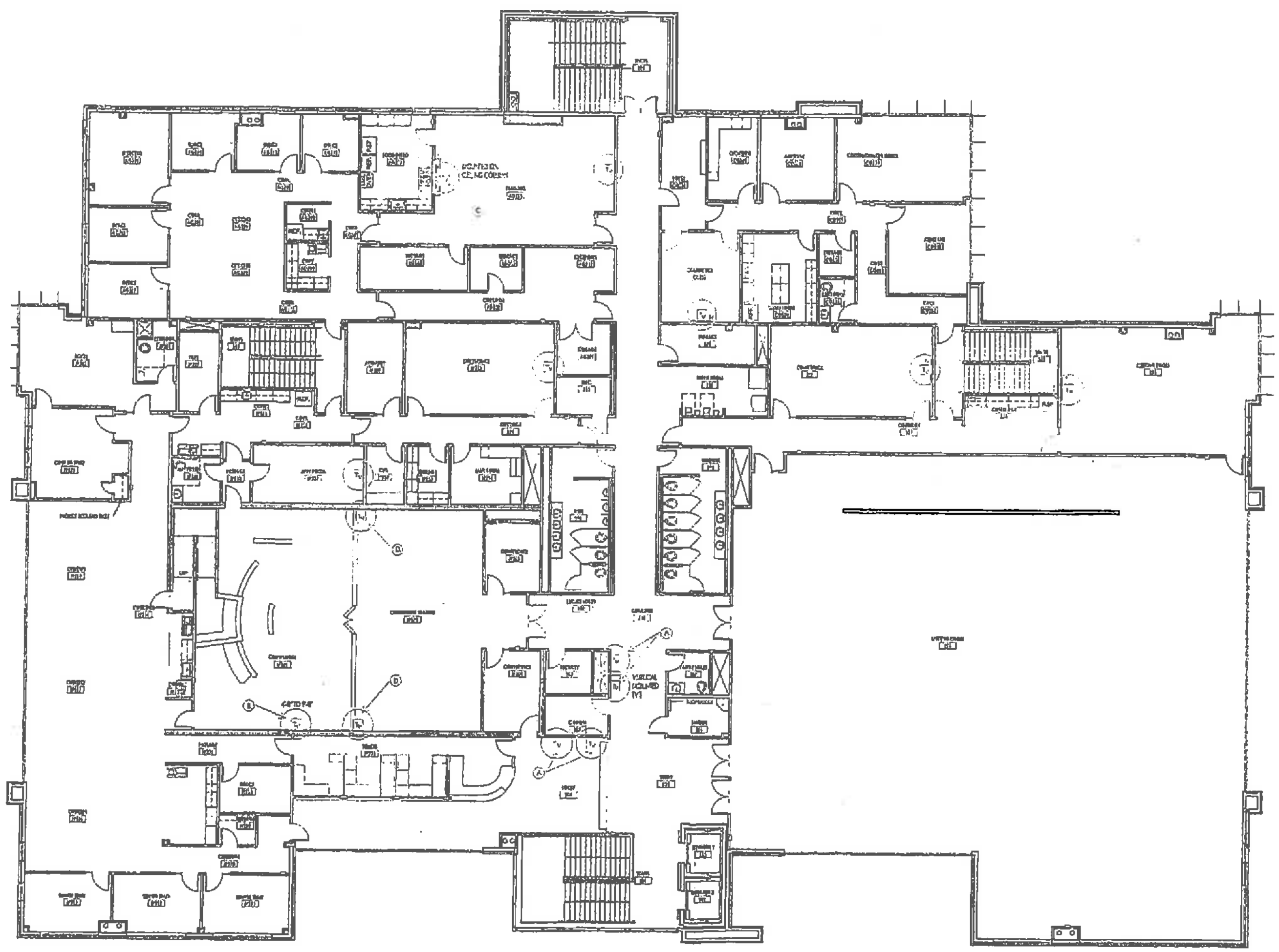
KAH ARCHITECTURE

WILLIAMSON COUNTY ANNEX

SJCF architecture

FIRST FLOOR - TV LOCATIONS

ASI 21-1



1 COMPOSITE PLAN - SECOND FLOOR
1/8" = 1'-0"

KAH ARCHITECTURE

WILLIAMSON COUNTY ANNEX

SJCF architecture

SECOND FLOOR - TV LOCATIONS

ASI 21-2

Proposal

Complete Glass & Aluminum Fronts • Sales & Service
1604 West Second Street, P.O. Box 803
TAYLOR, TEXAS 76574
Taylor: (512) 352-7618 • Austin: (512) 365-2016 • FAX: (512) 352-9243

PROPOSAL SUBMITTED TO	PHONE	DATE
CHASCO		9/5/18
STREET	JOB NAME	
	WILLIAMSON COUNTY ANNEX	
CITY, STATE AND ZIP CODE	JOB LOCATION	
ARCHITECT / DATE OF PLANS		JOB PHONE

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

Add Break Metal at Front Curtainwall for the net sum of $510.00

We Propose hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:
***** **SEE ABOVE** ***** Dollars($).

Payment to be made as follows:
ALL PAYMENTS ON THE ABOVE COMPLETED CONTRACT TO BE MADE IN TAYLOR, WILLIAMSON COUNTY, TEXAS
MONTHLY DRAWS ON COMPLETED WORK/DELIVERED MATERIALS BY 10TH OF FOLLOWING MONTH

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or derivation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature *Kevin Kiesling*
Kevin Kiesling

Notes: This proposal may be Withdrawn by us if not accepted within 30 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance 9-6-18

Signature BILL BAMBRICK

Signature CHASCO CONSTRUCTORS

Item 05

ALPHA
INSULATION & WATERPROOFING, INC.

598 Greenhill Dr. Suite C - Round Rock, TX 78665
Phone (512) 873-7133 - Fax (512) 873-7381
"Contributing to YOUR success, one project at a time."

INVOICE # **MB402254-01**
DATE: 08/27/18
TERMS: NET 30 DAYS
CUSTOMER # CHAS0764
P.O. #
JOB # 2254

CUSTOMER: Chasco Constructors
ADDRESS: 2801 E Old Settlers Blvd
Round Rock, TX 78665
Email Address: Shelley.Butler@chasco.com;bill@chasco.com
PHONE:

JOB NAME / ADDRESS: Williamson County Annex

QUANTITY	DESCRIPTION	AMOUNT
WAT	T&M Tickets for extra flashing around windows	$6,065.00

Remit Payments To: P.O. Box 681656, Marietta, GA 30068-0028

White (1) Customer Copy • Canary (2) Remittance Copy • Pink (3) A/R Copy

Thank You for Your Business

TOTAL DUE: $6,065.00

Reorder#PI-REV-080108-14 Printing Impression, Inc. (770) 422-8766

ALPHA INSULATION & WATERPROOFING, INC.

598 Greenhill Drive, Suite C
Round Rock, TX 78665
Tel: (512) 873-7133 Fax: (512) 873-7381

WORK ORDER

Date: 8/10/18

Job #: 2254

Customer Name: Chasco Con

AUTHORIZATION TO PROCEED

Signature/Date: 7/31/18

Name:

Title:

Project Name: Wilco Annex

Brief description & location of work:

EXTRA FLASHING AROUND WINDOWS

DESCRIPTION OF MATERIAL:	QUANTITY	UNIT	UNIT PRICE	EXTENSION
DELTA FLASHING 9"	18	Rolls	$ 135.00	$ 2,430
DELTA MULTI-BAND	20	Rolls	47.00	940
Lift Rental				
Specialty Equipment				
Small Tools				
Safety Supplies				

Sales tax at ______ %:

Total Materials $ 3370

Name	7/31	8/2	8/7	8/9				Total Hours	Rate	Per Diem / Hotel	Travel	Extension
YORANY R.	5	5	5	5				20	$ 35	$	$	$ 700
ESTABAN	5	5	5	5				20	35			700

Total Labor $ 1,400

Work authorized - complete and accepted:

Customer accepted and approved-

Signature/Date:

Name: Mack [illegible]

Title: Super

Alpha Insulation & Waterproofing

Signature/Date: 8/10/18

Name: Ismael Rodriguez

Title: SUPERINTENDENT

Total Materials & Labor	$ 4,770
Bond @ 1.50%	
Overhead @ ____%	$
Profit @ ____%	$
Work Order Total	$ 4,770

WO - R043012

ALPHA INSULATION & WATERPROOFING, INC.

598 Greenhill Drive, Suite C
Round Rock, TX 78665
Tel: (512) 873-7133 Fax: (512) 873-7381

WORK ORDER

Date: 8/10/18

Job #: 2254

Customer Name: Chasco Con.

AUTHORIZATION TO PROCEED
Signature/Date: [signature] 8-10-18
Name:
Title:

Project Name: Wilco Annex

Brief description & location of work:

TEMP Waterproofing AROUND WINDOWS

DESCRIPTION OF MATERIAL:	QUANTITY	UNIT	UNIT PRICE	EXTENSION
			$	$
Lift Rental				
Specialty Equipment				
Small Tools				
Safety Supplies				

Sales tax at	%:
Total Materials	$

Name	8/7	8/9	8/10					Total Hours	Rate	Per Diem / Hotel	Travel	Extension
SANTOS	8							8	$ 35	$	$	$ 280
EIMER	8							8	35			280
JOSE PAEZ		7	5					12	35			420
MICHAEL LOERA		4	5					9	35			315

Total Labor $ 1295

Work authorized - complete and accepted:
Customer accepted and approved-
Signature/Date: [signature] 8-10-18
Name: Mack Lee
Title: Super

Alpha Insulation & Waterproofing
Signature/Date: Ismael Rodriguez 8/10/18
Name: ISMAEL RODRIGUEZ
Title: SUPERINTENDENT

Total Materials & Labor	$
Bond @ 1.50%	
Overhead @ _____%	$
Profit @ _____%	$
Work Order Total	$ 1295

WO - R043012

Whitetail Construction, Inc.

Mailing address:
P.O. Box 1585
Leander, Texas 78646-1585

Phone: 512 778-9050

Physical address:
6751 FM 3405
Liberty Hill, TX 78642

Change Order Request

September 11, 2018

Bill Bambrick
Chasco Constructors
Williamson County Annex

We hereby request Change Order for:

Supply 10 Tons of the Smokey Mountain Lueders for the Rosch Site Wall.

Change Order Request Total: $ 2094.00

Sincerely,

Gary McGuire

ALPHA
INSULATION & WATERPROOFING, INC.
598 Greenhill Drive, Ste. C • Round Rock, Texas 78665 • Tel: (512) 873-7133 • Fax: (512) 873-7381

September 11, 2018 Via: Email

Mr. Mark Lee
Chasco Contracting
2801 E. Old Settlers Blvd.,
Round Rock, TX 78665

SUBJECT: Joint Sealants at Framed Openings
PROJECT: Williamson County Annex

Dear Mr. Lee:
We are pleased to submit our proposal for the following scope of work on the above referenced project based on 100 CD plans dated 05-26-17.

SECTION 079005 JOINT SEALERS-FRAMED OPENINGS TO MASONRY

Inclusions: Exterior Silicone Sealant applied to exterior framed openings to masonry veneer
Exclusions: Custom colors and all other sealants not mentioned above. Cleaning of joints prior to sealant installation.

. . . . . **$9,760.00**

SECTION 079005 JOINT SEALERS-FRAMED OPENINGS TO METAL

Inclusions: Exterior Silicone Sealant applied to: exterior framed openings to metal panels
Exclusions: Custom colors and all other sealants not mentioned above. Cleaning of joints prior to sealant installation.

. . . . . **$8,100.00**

Notes and Clarifications:

All materials are furnished and installed.
Sales tax is included.
OSHA 30 Certified.
Bond is not included; contact Alpha for job-specific pricing. Payment and Performance Bonds, if required, are as per bond forms AGC 606 (2004) and AGC 607 (2004).
We acknowledge no wage scale.
We self perform 100% of our work.
The terms & conditions of this proposal and the scopes of work it contains are based on AIA-201A until contract negotiations have been finalized.
Proposal valid for 60 days unless otherwise noted.

I would like to thank you for considering Alpha Insulation & Waterproofing. I will contact you shortly by phone to address any technical or scope questions you may have concerning the systems proposed above.

Sincerely,
ALPHA INSULATION & WATERPROOFING, INC.

Shaun Vogel
Shaun Vogel

CHANGE ORDER #
CHAS01-016

DATE:	**September 18, 2018**
NAME:	**Bill Bambrick**
COMPANY:	**Chasco Constructors**
RE:	**Williamson County Annex**
Description:	Pricing for adding 120V power to BAS control devices per jobsite walk 9/13/2018. See Notes:

CHANGE ORDER REQUEST

MATERIAL (SEE ATTACHED)			$1,015.49
MATERIAL TOTAL			$1,015.49
LABOR			
37.77	ELECTRICIAN HOURS AT	$45.00 /HOUR	$1,699.65
	LABOR TOTAL		$1,699.65
MISCELLANEOUS EXPENSES			
FREIGHT			$0.00
EQUIPMENT RENTAL			$0.00
EXPEDITE SHIPPING COST			$0.00
MISCELLANEOUS TOTAL			$0.00

***** ADDITIONAL TIME REQUEST *****

THIS CHANGE ORDER WILL ADD 3 DAYS TO THE CONSTRUCTION SCHEDULE. SHOULD CHANGE ORDER WORK BE APPROVED WITH NO ADDITIONAL TIME GIVEN OVERTIME LABOR WILL ADD TO THE CHANGE ORDER PRICE AS FOLLOWS:

ELECTRICIAN O.T 37.77 X $45.00 X 1/2 = $849.83

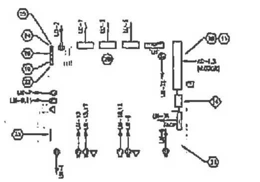
MATERIAL		$1,015.49
MISCELLANEOUS		$0.00
LABOR		$1,699.65
SUBTOTAL		$2,715.14
O & P	10%	$271.51
Bond Adder	4%	$119.47
TOTAL		$3,106.00

ADD TO CHANGE ORDER IF WORK IS DONE AT OVERTIME

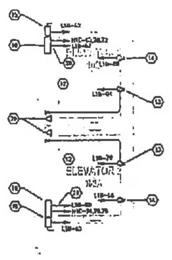
LABOR with BURDEN		**$849.83**
OH&P	**10%**	**$84.98**
Bond Adder	**4%**	**$37.39**
TOTAL		**$4,079.00**

Item #	Item Name	Quantity	Price 1	U	Ext Price 1	CO Lbr 1	U	CO Lbr 1 Ext	CCode
Label Set: Combined, Combined, Combined, Combined, Combinec					$1,015.49			37.77	
CCode: Branch Rough					$770.46			22.39	
1,460	1/2 EMT	400.00	$42.77	C	$171.07	2.49	C	9.95	cb
1,653	1/2 EMT CONN S/C	22.00	$255.76	C	$56.27	5.02	C	1.11	cb
1,713	1/2 EMT COUPL S/C	40.00	$308.08	C	$123.23	3.77	C	1.51	cb
1,943	1/2 EMT CHNL STRAP W/BOLT	50.00	$87.53	C	$43.76	5.02	C	2.51	cb
5,997	BOX SUPPORTS-CLIP ON	11.00	$100.18	C	$11.02	3.77	C	0.41	cb
8,498	1/2 FLEX STEEL	15.00	$75.69	C	$11.35	2.51	C	0.38	cb
8,552	1/2 FLEX SQZ CONN	5.00	$200.95	C	$10.05	7.54	C	0.38	cb
8,605	1/2 FLEX 90 1 SCREW CONN	5.00	$329.60	C	$16.48	11.30	C	0.57	cb
8,656	1/2 LIQUIDTIGHT FLEX	18.00	$178.20	C	$32.08	2.51	C	0.45	cb
8,668	1/2 LIQUIDTIGHT FLEX CONN	6.00	$576.73	C	$34.60	10.05	C	0.60	cb
8,669	3/4 LIQUIDTIGHT FLEX CONN	15.00	$843.88	C	$126.58	11.30	C	1.70	cb
8,716	1/2 LIQUIDTIGHT 90 FLEX CONN	6.00	$942.05	C	$56.52	12.56	C	0.75	cb
26,009	4/S BOX 2-1/8" DEEP	11.00	$427.42	C	$47.02	12.56	C	1.38	cb
26,025	4/S BLANK COVER	11.00	$276.63	C	$30.43	6.28	C	0.69	cb
CCode: Lugs/Termination/Ground					$3.81			7.29	
9,413	20A WIRE TERMINATION	44.00	$0.00	X	$0.00	0.13	E	5.53	sl
9,486	O/B ORANGE/BLUE 3M WIRE NUT	44.00	$8.66	C	$3.81	4.02	C	1.77	sl
CCode: Branch Wire					$241.22			8.09	
11	12 THHN CU STRANDED	1,618.00	$149.08	M	$241.22	5.00	M	8.09	wb
[Items and ByProducts] Total:					$1,015.49			37.77	

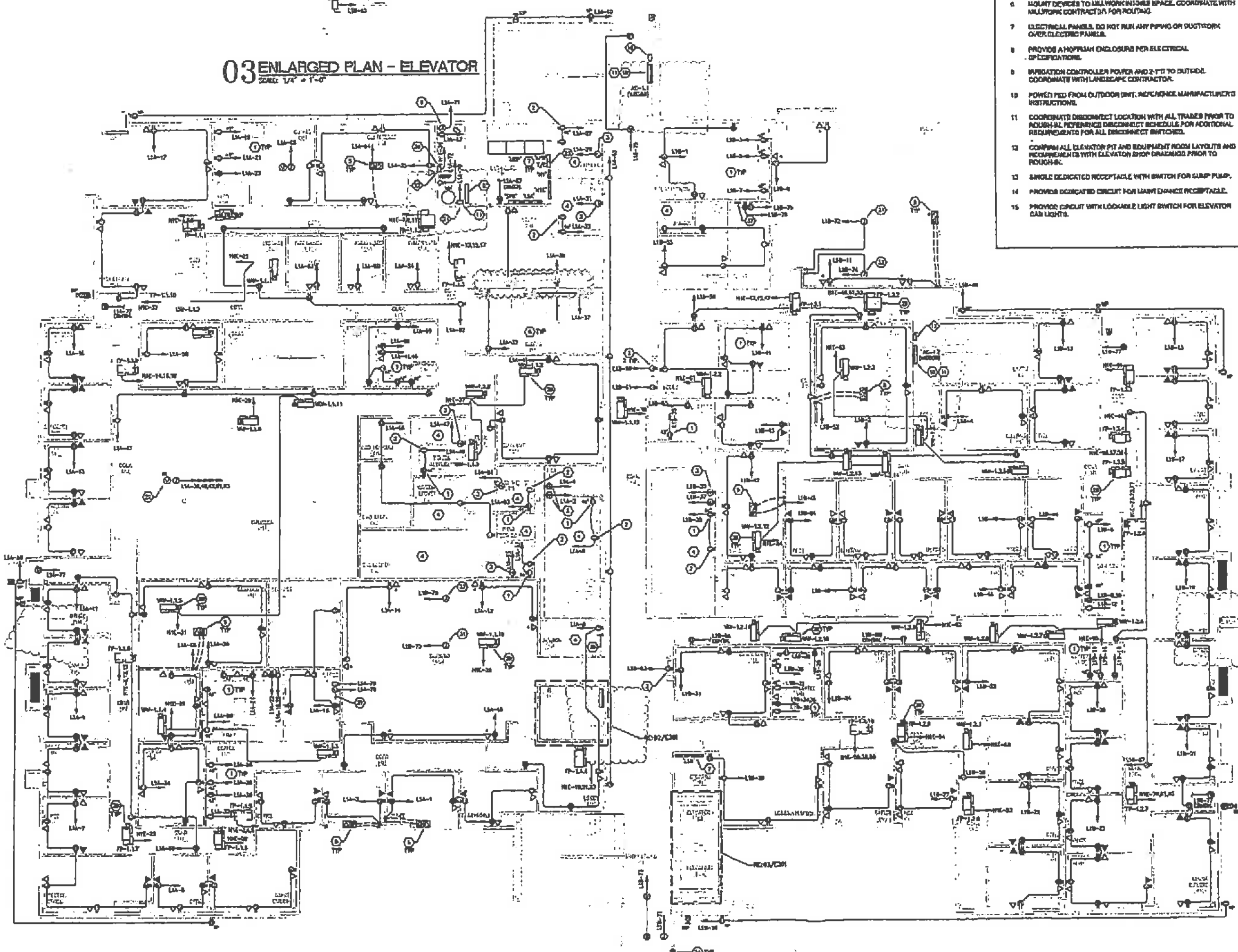
Notes:
Exclusions: BAS Systems, Equipment, Full Conduit System, Cabling, and Programming



02 ENLARGED PLAN - IT ROOM 106
SCALE: 1/4" = 1'-0"



03 ENLARGED PLAN - ELEVATOR
SCALE: 1/4" = 1'-0"



01 FIRST FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"

REFERENCE MECHANICAL FAN SCHEDULE FOR EXHAUST FAN SWITCHING REQUIREMENTS

FOR LOCATIONS WHERE POWER AND DATA ARE SHOWN TOGETHER, DEVICE ROUGH-IN IS TO BE A MAXIMUM OF 6" APART. PROVIDE CADDY BRACKETS AS REQUIRED.

CONTRACTOR TO VERIFY ACTUAL DISTANCES AND INCREASE WIRE/ CONDUIT SIZE AS REQUIRED TO MAINTAIN A 3% VOLTAGE DROP.

KEYED NOTES

THESE NOTES APPLY TO THIS SHEET ONLY

1. COORDINATE FINAL RECEPTACLE LOCATIONS WITH MILLWORK PRIOR TO ROUGH-IN. REVIEW FINAL ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL LAYOUTS OF EQUIPMENT TO BE POWERED.
2. AUTO SINK POWER RECEPTACLE FOR POWER UNDER COUNTER OR EWC TO HAVE GFCI BREAKER AT PANEL. COORDINATE FINAL ROUGH-IN LOCATION.
3. COORDINATE FINAL CONNECTION REQUIREMENTS WITH ACTUAL HAND DRYERS PROVIDED. INSTALL DISCONNECTING MEANS FOR HAND DRYERS ABOVE CEILING.
4. REFERENCE MECHANICAL FAN SCHEDULE FOR CONTROL OF EXHAUST FANS.
5. FLOOR MOUNTED RECEPTACLES AND DATA OUTLET. MINIMUM 2-1" CONDUIT FOR DATA. CONDUITS FOR POWER AS REQUIRED. REFERENCE OWNER/TECHNOLOGY CONTRACTOR FOR ADDITIONAL INFORMATION. FLOOR DEVICES. VERIFY EXACT LOCATION OF ALL FLOOR DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
6. MOUNT DEVICES TO MILLWORK IN KNEE SPACE. COORDINATE WITH MILLWORK CONTRACTOR FOR ROUTING.
7. ELECTRICAL PANELS. DO NOT RUN ANY PIPING OR DUCTWORK OVER ELECTRIC PANELS.
8. PROVIDE A HOFFMAN ENCLOSURE PER ELECTRICAL SPECIFICATIONS.
9. IRRIGATION CONTROLLER POWER AND 2-1"C TO OUTSIDE. COORDINATE WITH LANDSCAPE CONTRACTOR.
10. POWER FED FROM OUTDOOR UNIT. REFERENCE MANUFACTURER'S INSTRUCTIONS.
11. COORDINATE DISCONNECT LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN. REFERENCE DISCONNECT SCHEDULE FOR ADDITIONAL REQUIREMENTS FOR ALL DISCONNECT SWITCHES.
12. CONFIRM ALL ELEVATOR PIT AND EQUIPMENT ROOM LAYOUTS AND REQUIREMENTS WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.
13. SINGLE DEDICATED RECEPTACLE WITH SWITCH FOR SUMP PUMP.
14. PROVIDE DEDICATED CIRCUIT FOR MAINTENANCE RECEPTACLE.
15. PROVIDE CIRCUIT WITH LOCKABLE LIGHT SWITCH FOR ELEVATOR CAB LIGHTS.
16. PROVIDE CIRCUIT BREAKER ENCLOSURE WITH 225 AMP/480V/3PHASE SHUNT TRIP BREAKER. CONFIRM ELEVATOR BREAKER SIZE PRIOR TO RELEASE.
17. APPROXIMATE LOCATION OF ELEVATOR CONTROL PANEL. COORDINATE FINAL LOCATION AND ELEVATION WITH ELEVATOR MANUFACTURER.
18. 1-4" CONDUIT SLEEVE FOR VOICE DATA TO SECOND FLOOR IDF ROOM. STUB 6" ABOVE FINISHED FLOOR. CONFIRM EXACT LOCATION WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
19. 3-4" CONDUIT WITH MAX-CELL INNER DUCT FOR VOICE DATA SERVICE FROM SITE. CONFIRM EXACT LOCATION WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
20. CONDUITS FOR SPECIAL SYSTEMS FROM IDF ROOM IN THIS AREA. COORDINATE FINAL REQUIREMENTS WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
21. PLYWOOD ON ENTIRE WALL DOWN TO 6" ABOVE FINISHED FLOOR ON ALL WALLS OF ROOM. REFERENCE SPECIFICATIONS.
22. PROVIDE TWENTY DATA DROPS AND CIRCUITS LISTED ABOVE CEILING WITH 25 FT. SERVICE LOOP. COORDINATE FINAL LOCATION/ CONNECTION REQUIREMENTS WITH BUILDING OWNER. PROVIDE FINAL CONNECTION TO CUBICLES.
23. REFERENCE LIGHTING CONTACTOR DETAIL ON DETAIL SHEETS FOR MORE INFORMATION.
24. 1" CONDUIT FROM SITE SIGN FOR COMMUNICATION.
25. COORDINATE FINAL LOCATION OF CONDUITS IN IT ROOM WITH OWNER/ TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
26. DEDICATED SHUNT TRIP POWER.
27. 2-4" CONDUIT WITH MAX CELL INNER DUCT FOR VOICE DATA SERVICE FROM EXISTING TECHNOLOGY PULL BOX. REFERENCE ELECTRICAL SITE PLAN. CONFIRM EXACT LOCATION WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
28. REFERENCE ASSOCIATED FAN POWERED VAV BOX ELECTRICAL CONNECTION SCHEDULE ON SHEET E104 FOR ELECTRICAL CONNECTIONS POWER REQUIREMENTS.
29. PROVIDE TELEPHONE OUTLET FOR ELEVATOR. COORDINATE FINAL REQUIREMENTS WITH ELEVATOR MANUFACTURER AND ACTUAL EQUIPMENT TO BE INSTALLED.
30. SWITCH FOR WEATHERPROOF RECEPTACLES IN CRAWL SPACE.
31. POWER FOR PROJECTOR SCREEN. COORDINATE FINAL LOCATION WITH TECHNOLOGY CONSULTANT.
32. POWER FOR PROJECTION SCREEN. PROVIDE CONTROL SWITCH IN LOCATION TO BE DESIGNATED BY ARCHITECT/ TECHNOLOGY CONSULTANT.
33. COORDINATE WITH ARCHITECT FOR SPECIFICATION AND LOCATION OF ADA PUSH BUTTON. POWER FOR DOOR SHALL BE LOCATED ABOVE CEILING. COORDINATE FINAL ROUTING OF CONDUIT/ POWER WITH CURTAIN WALL MANUFACTURER/ CONTRACTOR.
34. COORDINATE WITH ARCHITECT FOR FINAL LOCATION OF CARD READER. COORDINATE FINAL ROUTING OF CONDUIT/ POWER WITH CURTAIN WALL MANUFACTURER/ CONTRACTOR.
35. GROUND BAR. ROUTE #4 GROUND WIRE IN 3/4" CONDUIT TO TIE INTO MAIN BUILDING GROUND. REFERENCE SPECIFICATIONS.
36. POWER FOR ELECTRIC UNIT HEATER. COORDINATE FINAL LOCATION WITH ALL TRADES.
37. GROUND BAR. REFERENCE OVERALL TECHNOLOGY PLANS AND SPECIFICATIONS.

KAH ARCHITECTURE

WILLIAMSON COUNTY ANNEX
WILLIAMSON COUNTY
GEORGETOWN, TEXAS

FIRST FLOOR PLAN - POWER

E301

KAH ARCHITECTURE

WILLIAMSON COUNTY ANNEX

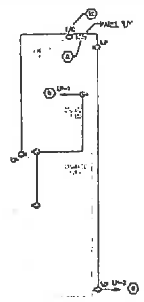
REFERENCE MECHANICAL FAN SCHEDULE FOR EXHAUST FAN SWITCHING REQUIREMENTS

FOR LOCATIONS WHERE POWER AND DATA ARE SHOWN TOGETHER, DEVICE ROUGH-IN IS TO BE A MAXIMUM OF 6" APART. PROVIDE CADDY BRACKETS AS REQUIRED.

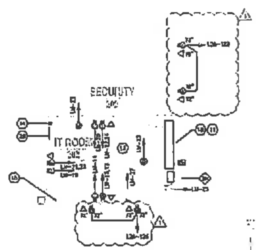
KEYED NOTES

THESE NOTES APPLY TO THIS SHEET ONLY

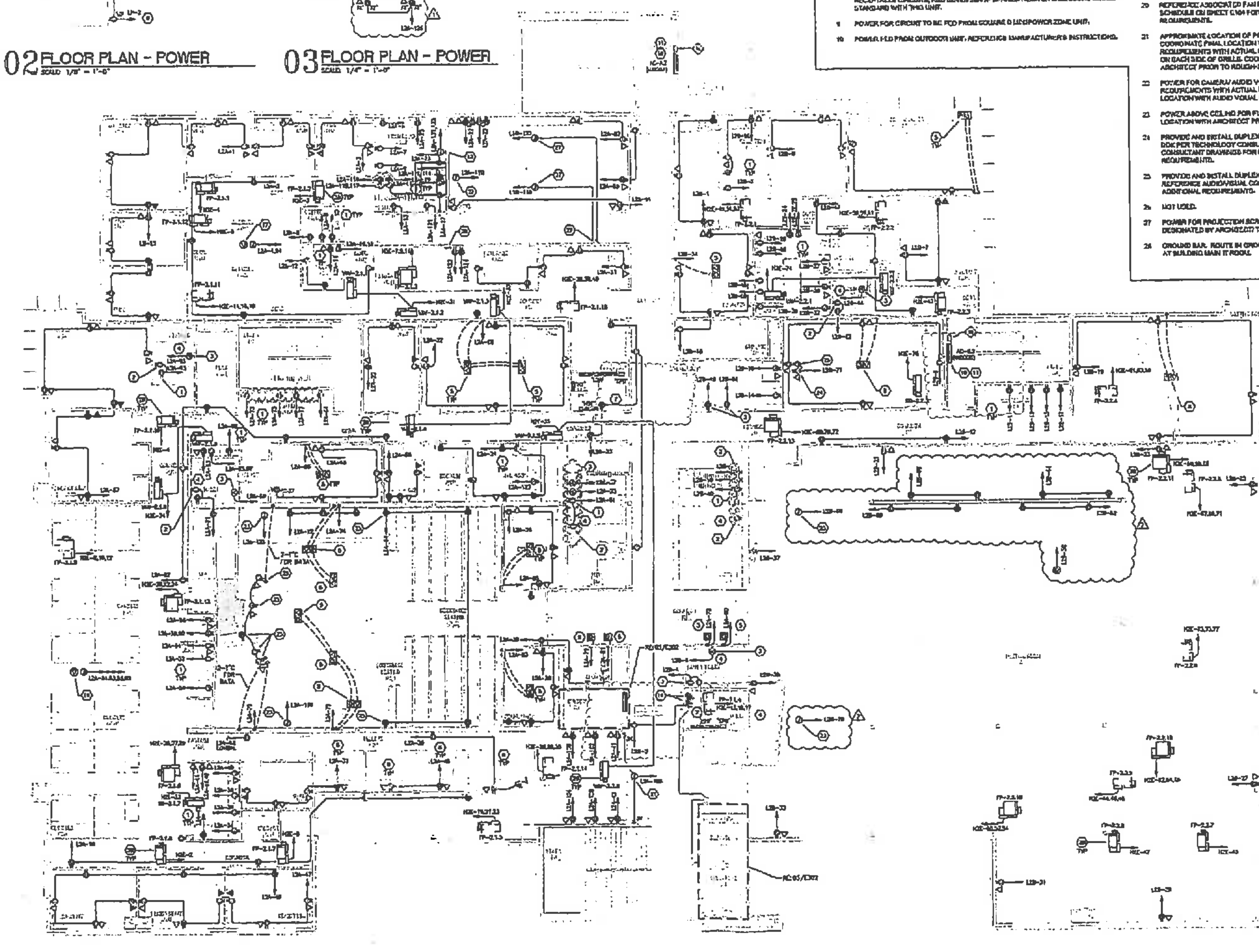
1. COORDINATE FINAL RECEPTACLE LOCATIONS WITH MILLWORK PRIOR TO ROUGH-IN. REVIEW FINAL ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL LAYOUTS OF EQUIPMENT TO BE POWERED.
2. AUTO LINK POWER RECEPTACLE FOR POWER UNDER COUNTER OR EWC TO HAVE GFCI BREAKER AT PANEL. COORDINATE FINAL ROUGH-IN LOCATION.
3. COORDINATE FINAL CONNECTION REQUIREMENTS WITH ACTUAL HAND DRYERS PROVIDED. INSTALL DISCONNECTING MEANS FOR HAND DRYERS ABOVE CEILING.
4. REFERENCE MECHANICAL FAN SCHEDULE FOR CONTROL OF EXHAUST FANS.
5. PROVIDE ... AND DATA OUTLET. MINIMUM 2-1" CONDUIT FOR DATA ... REQUIRED. COORDINATE FINAL REQUIREMENTS WITH TECHNOLOGY CONTRACTOR. VERIFY EXACT LOCATIONS OF ALL DOOR ... PRIOR TO ROUGH-IN.
6. MOUNT DEVICES TO MILLWORK IN KNEE SPACE. COORDINATE WITH MILLWORK CONTRACTOR FOR ROUTING.
7. ELECTRICAL PANELS. DO NOT RUN ANY PIPING OR DUCTWORK OVER ELECTRIC PANELS.
8. SQUARE D MINI POWER ZONE UNIT SUBSTATION MODEL NUMBER: MPZ... POWER ZONE UNIT SHALL HAVE 480 VOLT, SINGLE PHASE, 15 AMP PRIMARY MAIN CIRCUIT BREAKER AND A 240 VOLT, SINGLE PHASE, 30 AMP SECONDARY MAIN CIRCUIT BREAKER. PROVIDE WITH ONE 20AMP LIGHTING CIRCUIT, TWO 20AMP RECEPTACLE CIRCUITS, AND SEVEN 20AMP SPARES. NEMA 3R ENCLOSURE COMES STANDARD WITH THIS UNIT.
9. POWER FOR CIRCUIT TO BE FED FROM SQUARE D MINI POWER ZONE UNIT.
10. POWER FED FROM OUTDOOR UNIT. REFERENCE MANUFACTURER'S INSTRUCTIONS.
11. COORDINATE DISCONNECT LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN. REFERENCE DISCONNECT SCHEDULE FOR ADDITIONAL REQUIREMENTS FOR ALL DISCONNECT SWITCHES.
12. CONFIRM LAYOUT WITH IT CONTRACTOR.
13. POWER FOR KITCHEN HOOD CONTROL PANEL AND KITCHEN HOOD LIGHTS. EQUIPMENT UNDER HOOD TO BE SHUNT TRIP PROTECTED.
14. 1-1" CONDUIT SLEEVE FOR VOICE DATA FROM IT ROOM ON 1ST FLOOR. STUB 6" ABOVE FINISHED FLOOR. CONFIRM EXACT LOCATION WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
15. PLYWOOD ON ENTIRE WALL DOWN TO 6" ABOVE FINISHED FLOOR ON ALL WALLS OF ROOM. REFERENCE SPECIFICATIONS.
16. SWITCH FOR WEATHERPROOF RECEPTACLES ON ROOF.
17. PROVIDE SIX DATA DROPS ABOVE CEILING. COORDINATE FINAL LOCATION/CONNECTION WITH BUILDING OWNER.
18. PROVIDE TWENTY DATA DROPS AND CIRCUITS LISTED ABOVE CEILING WITH 25 FT. SERVICE LOOP. COORDINATE FINAL LOCATION/CONNECTION REQUIREMENTS WITH BUILDING OWNER. PROVIDE FINAL CONNECTION TO CUBICLES.
19. REFERENCE LIGHTING CONTACTOR DETAIL ON DETAIL SHEETS FOR MORE INFORMATION. PROVIDE WITH NEMA 3R ENCLOSURE.
20. REFERENCE ASSOCIATED FAN POWERED VAV BOX ELECTRICAL CONNECTION SCHEDULE ON SHEET E... FOR ELECTRICAL CONNECTION/POWER REQUIREMENTS.
21. APPROXIMATE LOCATION OF POWER FOR OVERHEAD SECURITY GRILLE. COORDINATE FINAL LOCATION WITH ARCHITECT. COORDINATE FINAL POWER REQUIREMENTS WITH ACTUAL SECURITY GRILLE PROVIDED. PROVIDE KEY SWITCH ON EACH SIDE OF GRILLE. COORDINATE FINAL LOCATION OF KEY SWITCHES WITH ARCHITECT PRIOR TO ROUGH-IN.
22. POWER FOR CAMERA/AUDIO VISUAL EQUIPMENT. COORDINATE FINAL REQUIREMENTS WITH ACTUAL EQUIPMENT TO BE INSTALLED. COORDINATE FINAL LOCATION WITH AUDIO VISUAL CONSULTANT/ARCHITECT PRIOR TO ROUGH-IN.
23. POWER ABOVE CEILING FOR FUTURE MOTORIZED BLINDS. COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
24. PROVIDE AND INSTALL DUPLEX AND DATA JACK INSIDE WALL MOUNTED JUNCTION BOX PER TECHNOLOGY CONSULTANT DRAWINGS. REFERENCE TECHNOLOGY CONSULTANT DRAWINGS FOR MOUNTING HEIGHT AND ADDITIONAL REQUIREMENTS.
25. PROVIDE AND INSTALL DUPLEX PER AUDIO/VISUAL CONSULTANT DRAWINGS. REFERENCE AUDIO/VISUAL CONSULTANT DRAWINGS FOR MOUNTING HEIGHT AND ADDITIONAL REQUIREMENTS.
26. NOT USED.
27. POWER FOR PROJECTION SCREEN. PROVIDE CONTROL SWITCH IN LOCATION TO BE DESIGNATED BY ARCHITECT/TECHNOLOGY CONSULTANT.
28. GROUND BAR. ROUTE IN GROUND WIRE IN 3/4" CONDUIT TO TIE INTO GROUND BAR AT BUILDING MAIN IT ROOM.



02 FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



03 FLOOR PLAN - POWER
SCALE: 1/4" = 1'-0"



01 SECOND FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"

SECOND FLOOR PLAN - POWER

E302