



# AIA Document G701™ – 2017

## Change Order

**PROJECT:** (Name and address)  
Williamson County  
Animal Shelter Expansion  
1855 SE Inner Loop  
Georgetown, TX 78626

**CONTRACT INFORMATION:**  
Contract For: General Construction

**CHANGE ORDER INFORMATION:**  
Change Order Number: 003

Date: 1/8/18

Date: 5/31/18

**OWNER:** (Name and address)  
Williamson County, Texas  
710 Main Street, Suite 101  
Georgetown, TX 78626

**ARCHITECT:** (Name and address)  
Jackson & Ryan Architects  
2370 Rice Boulevard, Suite 210  
Houston, TX 77005

**CONTRACTOR:** (Name and address)  
J.T. Vaughn Construction, LLC  
10355 Westpark Drive  
Houston, TX 77042

### THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Change Order No. 3 includes the below listed Vaughn Change Proposals # 11-#17. For Vaughn Project No. 2491-01.


- CP No. 11 - Provide Demo and Retile a Portion of the Main Building Lobby Floor Per RFI 038
- CP No. 12 - Provide Retaining Wall Revisions Per RFI 026
- CP No. 13 - Provide Green Screen Detail Revisions Per RFI 026
- CP No. 14 - Provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18
- CP No. 15 - Provide Overtime Hours For Electrical Shutdown For Duct Back Conflict
- CP No. 16 - Provide Adding Disconnects, Fuses and Unistrut Per RFI 30
- CP No. 17 - Provide Adding Disconnects, Fuses and Unistrut Per ASI 002

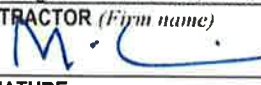
The original Contract Sum was	\$	9,499,295.00
The net change by previously authorized Change Orders	\$	0.00
The Contract Sum prior to this Change Order was	\$	9,499,295.00
The Contract Sum will be unchanged by this Change Order in the amount of	\$	0.00
The new Contract Sum including this Change Order will be	\$	9,499,295.00

The Contract Time will be unchanged by Zero (0) days.  
The new date of Substantial Completion will be 3/6/19

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

### NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Jackson & Ryan Architects  
 ARCHITECT (Firm name)  
  
 SIGNATURE  
 Martha Seng  
 PRINTED NAME AND TITLE  
 06/06/18  
 DATE

J.T. Vaughn Construction, LLC  
 CONTRACTOR (Firm name)  
  
 SIGNATURE  
 Mike Simpson  
 PRINTED NAME AND TITLE  
 06/06/2018  
 DATE

Williamson County, Texas  
 OWNER (Firm name)  
 SIGNATURE  
 Dan Gattis, County Judge  
 PRINTED NAME AND TITLE  
 DATE



Funds Tracking Log

Change Proposal No.	Change Type & No.	Time Extension (Days)		GMP Breakdown					GMP #2491.01	Total Updated Contract Amount
		Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Construction Phase Fee		
N/A	GMP	-	-	\$7,666,840	\$228,082	\$300,000	\$1,034,210	\$270,163	\$9,499,295	\$9,499,295
1	OCO 1	0	0	\$10,878	(\$10,964)	\$0	\$86	\$0	\$0	\$9,499,295
2	OCO 1	0	0	(\$8,139)	\$8,139	\$0	\$0	\$0	\$0	\$9,499,295
3	OCO 1	0	0	(\$3,945)	\$3,924	\$0	\$21	\$0	\$0	\$9,499,295
4	OCO 1	0	0	\$412	(\$412)	\$0	\$0	\$0	\$0	\$9,499,295
5	OCO 1	0	0	\$11,089	\$0	(\$11,615)	\$143	\$383	\$0	\$9,499,295
<b>OCO 1 Totals</b>		<b>0</b>	<b>0</b>	<b>\$10,295</b>	<b>\$687</b>	<b>(\$11,615)</b>	<b>\$250</b>	<b>\$383</b>	<b>\$0</b>	<b>\$9,499,295</b>
6	OCO 2	0	0	\$1,423	\$0	(\$1,491)	\$18	\$50	\$0	\$9,499,295
7	OCO 2	0	0	\$769	\$0	(\$806)	\$10	\$27	\$0	\$9,499,295
8	OCO 2	0	0	\$3,595	(\$3,640)	\$0	\$45	\$0	\$0	\$9,499,295
9	OCO 2	0	0	\$16,917	(\$17,128)	\$0	\$211	\$0	\$0	\$9,499,295
10	OCO 2	0	0	(\$9,016)	\$9,016	\$0	\$0	\$0	\$0	\$9,499,295
<b>OCO 2 Totals</b>		<b>0</b>	<b>0</b>	<b>\$13,688</b>	<b>(\$11,752)</b>	<b>(\$2,297)</b>	<b>\$284</b>	<b>\$77</b>	<b>\$0</b>	<b>\$9,499,295</b>
11	OCO 3	0	0	\$5,028	\$0	(\$5,201)	\$0	\$173	\$0	\$9,499,295
12	OCO 3	0	0	\$15,199	\$0	(\$15,912)	\$189	\$524	\$0	\$9,499,295
13	OCO 3	0	0	\$825	\$0	(\$853)	\$0	\$28	\$0	\$9,499,295
14	OCO 3	0	0	\$726	\$0	(\$751)	\$0	\$25	\$0	\$9,499,295
15	OCO 3	0	0	\$1,278	(\$1,294)	\$0	\$16	\$0	\$0	\$9,499,295
16	OCO 3	0	0	\$5,085	\$0	(\$5,324)	\$64	\$175	\$0	\$9,499,295
17	OCO 3	0	0	\$4,752	\$0	(\$4,975)	\$59	\$164	\$0	\$9,499,295
<b>OCO 3 Totals</b>		<b>0</b>	<b>0</b>	<b>\$32,893</b>	<b>(\$1,294)</b>	<b>(\$33,016)</b>	<b>\$328</b>	<b>\$1,089</b>	<b>\$0</b>	<b>\$9,499,295</b>
18								\$0	\$0	\$9,499,295
19								\$0	\$0	\$9,499,295
20								\$0	\$0	\$9,499,295
21								\$0	\$0	\$9,499,295
22								\$0	\$0	\$9,499,295
23								\$0	\$0	\$9,499,295
24								\$0	\$0	\$9,499,295
25								\$0	\$0	\$9,499,295
26								\$0	\$0	\$9,499,295
27								\$0	\$0	\$9,499,295
28								\$0	\$0	\$9,499,295
29								\$0	\$0	\$9,499,295
30								\$0	\$0	\$9,499,295
31								\$0	\$0	\$9,499,295
32								\$0	\$0	\$9,499,295
33								\$0	\$0	\$21,530,927
34								\$0	\$0	\$9,499,295
35								\$0	\$0	\$9,499,295
36								\$0	\$0	\$9,499,295
37								\$0	\$0	\$9,499,295
38								\$0	\$0	\$9,499,295
39								\$0	\$0	\$9,499,295
40								\$0	\$0	\$9,499,295
<b>Current Amounts</b>		<b>0</b>	<b>0</b>	<b>\$7,723,716</b>	<b>\$215,723</b>	<b>\$253,072</b>	<b>\$1,035,072</b>	<b>\$271,712</b>	<b>\$9,499,295</b>	<b>\$9,499,295</b>



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 10, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0011

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Demo and Retime a Portion of the Main Building Lobby Floor Per RFI 038 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:

# FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0011

QUOTATION :

Item	Labor	Materials	Subs	Total
Demo of Portion of Main Lobby Tile Floor	\$0.00	\$0.00	\$735.00	\$735.00
Retile a Portion of the Main Lobby Tile Floor	\$0.00	\$0.00	\$4,194.00	\$4,194.00
CM Fee	\$0.00	\$173.00	\$0.00	\$173.00
To Be Funded By Owners Contingency	\$0.00	\$(5,201.00)	\$0.00	\$(5,201.00)
Labor/General Cleanup	\$0.00	\$0.00	\$99.00	\$99.00

<b>Totals</b>	\$0.00	\$(5,028.00)	\$5,028.00	\$0.00
	<b>Insurance, Tax, Benefits on Labor</b>			\$0.00
	<b>Overhead</b>			\$0.00
	<b>Fee on Subs</b>			\$0.00
	<b>Fee on JTV</b>			\$0.00
	<b>Bond</b>			\$0.00
	<b>Remodel Tax</b>			\$0.00
	<b>TOTAL</b>			<b>\$0.00</b>

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

By: \_\_\_\_\_

Date \_\_\_\_\_

VAUGHN CONSTRUCTION

By:   
Thomas Morrill

Proposal Valid for 10 Days

# REQUEST FOR INFORMATION



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

**RFI NO:** 38

**To:** John Benham  
Jackson & Ryan Architects  
2370 Rice Boulevard, Suite 210  
Houston, TX 77005  
Phone: (713) 526-5436  
Fax:

**Date:** 04/18/2018

**Required By:** 04/20/2018

**Owner:** Williamson County, Texas

**From:** Thomas Morrill

**Job No :** 249101

**Project:** Animal Shelter Expansion  
1855 SE Inner Loop  
Georgetown, TX 78626

**Re:** Existing Tile in Lobby of Main Building

**Spec. Section:**

**Drawing Number:** A.1-2.10

**Other Reference:**

**Question:**

Sheet A.1-2.10 has a note to patch the tile flooring around the demolished existing lobby desk. This area has 2 different tile types (see attached) that are laid out in the middle of the lobby making patching and/of matching any tile very difficult as there will be a distinct transition on the visible lobby floor. Also, the county has confirmed that there is not attic stock of either tile.

---

**Proposed Answer:**

Please give direction of how to proceed with the flooring in this area.

---

**Answer:**

Jackson & Ryan reviewed this issue in-person with Vaughn Construction, Williamson County, and Animal Shelter Management on Thursday, 4/26/18.

WilCo found it acceptable to propose a defined area of further demolition of the existing floor tile and replace it with new floor tile, to match generally the size and pattern. Shelter Management requested the new tile be darker than the existing.

See revised Architectural sheet A.1-2.10, attached.

This RFI can be referenced as pricing for this scope is reviewed and approved.

John Benham, AIA

Jackson & Ryan Architects      04/27/18

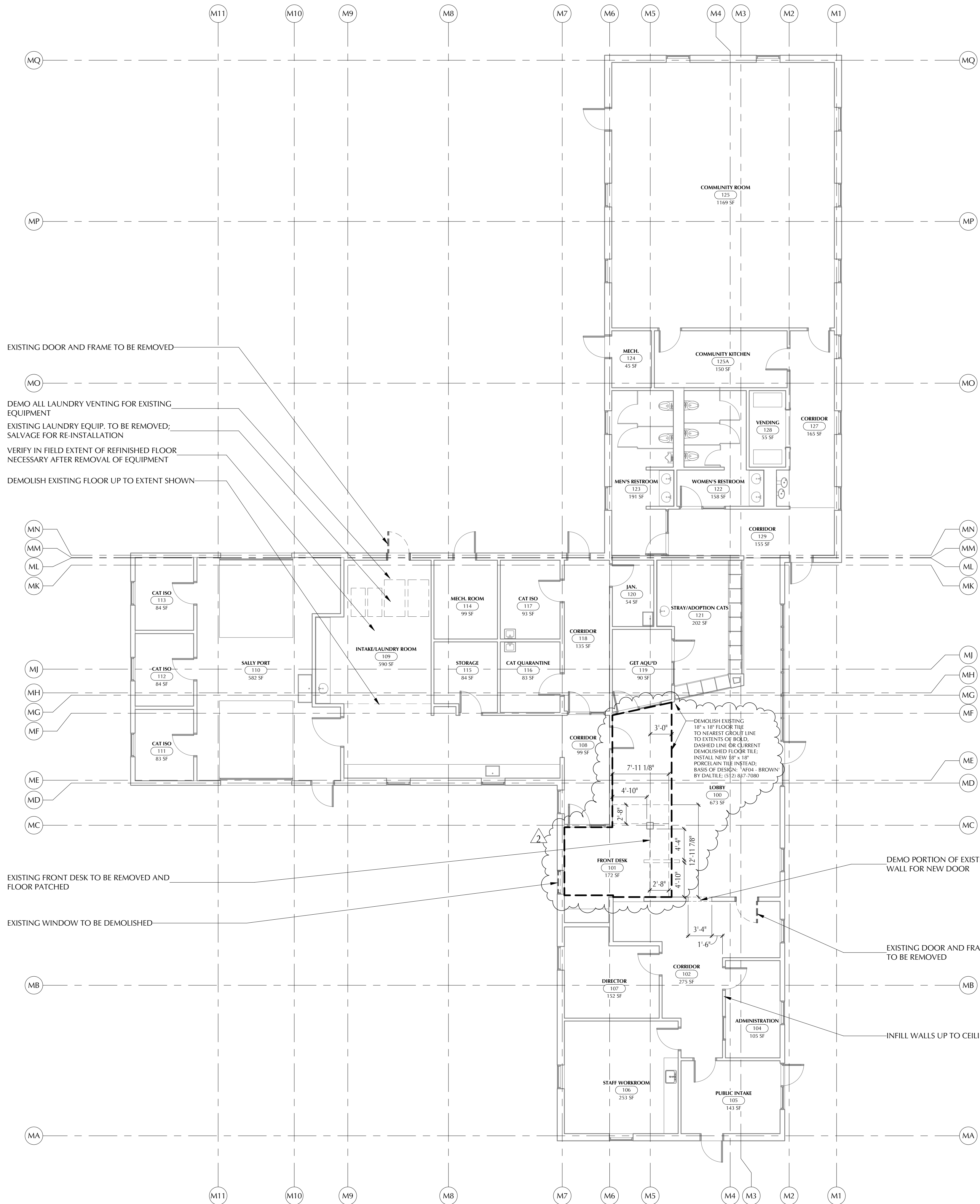
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Very truly yours,

**VAUGHN CONSTRUCTION**

**Attachments:**

**CC:**



EXISTING DOOR AND FRAME TO BE REMOVED

DEMO ALL LAUNDRY VENTING FOR EXISTING EQUIPMENT

EXISTING LAUNDRY EQUIP. TO BE REMOVED; SALVAGE FOR RE-INSTALLATION

VERIFY IN FIELD EXTENT OF REFINISHED FLOOR NECESSARY AFTER REMOVAL OF EQUIPMENT

DEMOLISH EXISTING FLOOR UP TO EXTENT SHOWN

EXISTING FRONT DESK TO BE REMOVED AND FLOOR PATCHED

EXISTING WINDOW TO BE DEMOLISHED

DEMO PORTION OF EXISTING WALL FOR NEW DOOR

EXISTING DOOR AND FRAME TO BE REMOVED

INFILL WALLS UP TO CEILING

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**

1855 SE INNER LOOP  
 GEORGETOWN, TX 78626

**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428

LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353

STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130

MECHANICAL/ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332



04/27/18

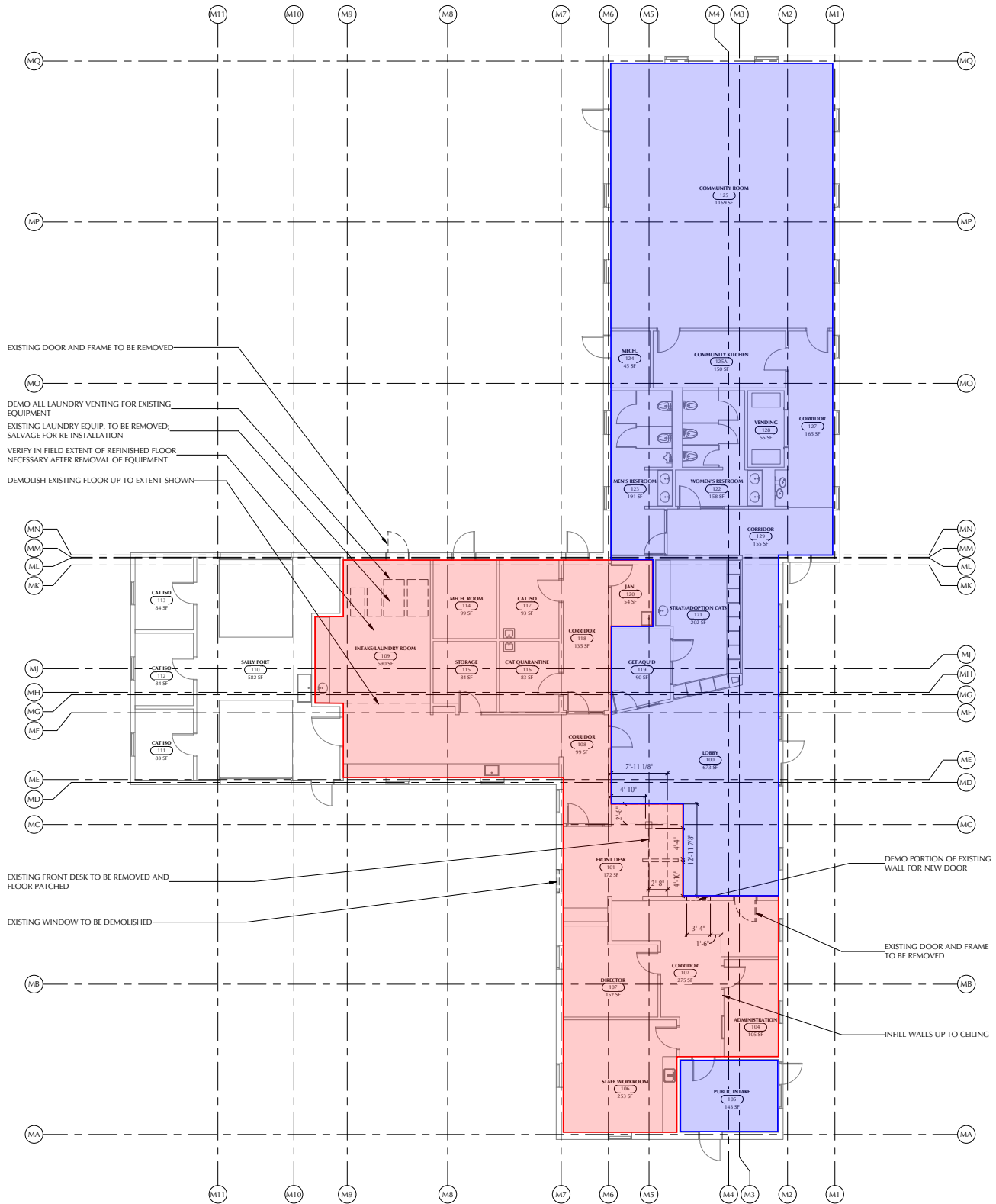
Sheet Content:  
**MAIN - DEMOLITION -  
 FLOOR PLAN**

SCALE: 1/8" = 1'-0"

Copyright 2016 JACKSON & RYAN, ARCHITECTS

Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

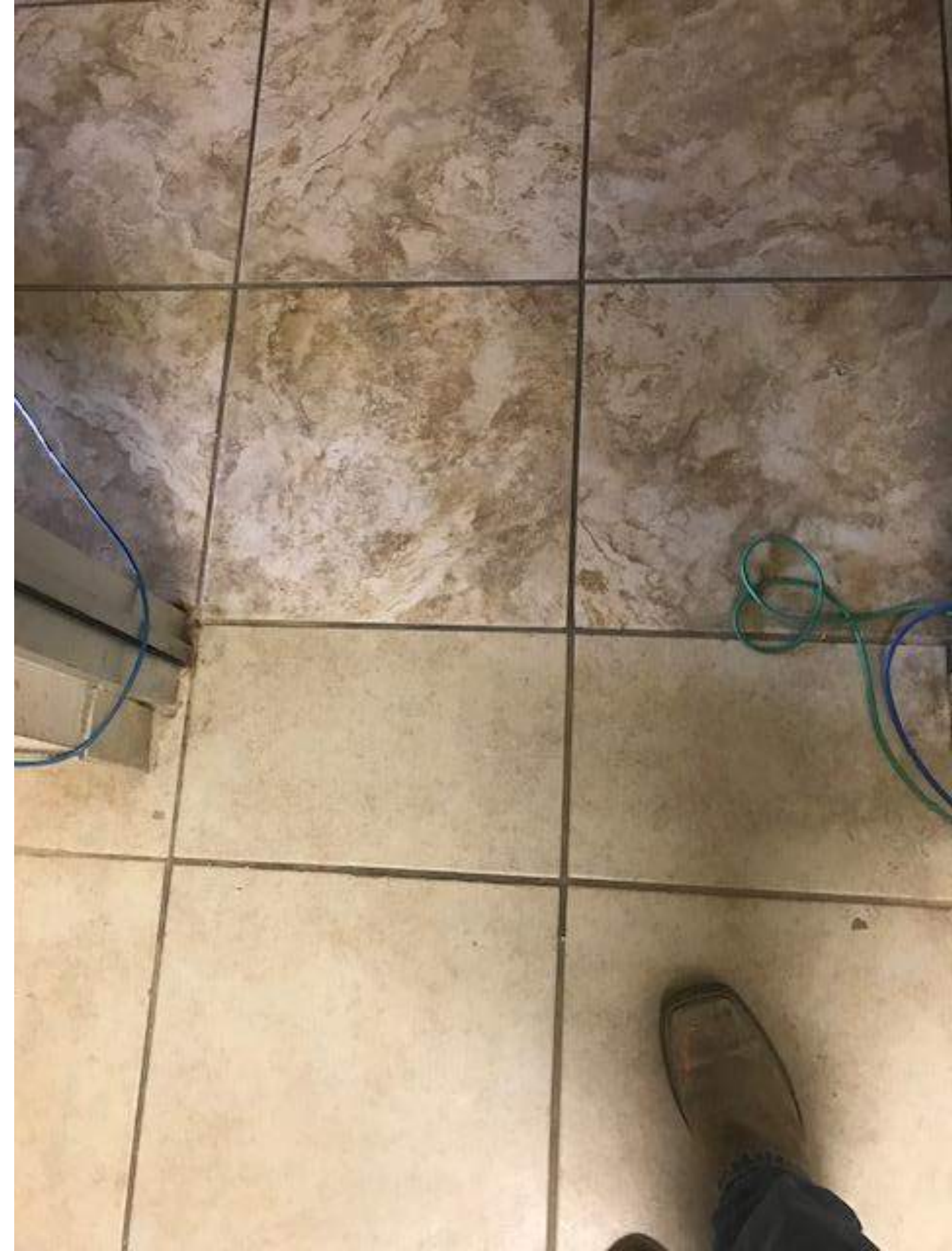
**01 LEVEL 1 - DEMOLITION FLOOR PLAN**  
 1/8" = 1'-0"



**01 LEVEL 1 - DEMOLITION FLOOR PLAN**  
 1/8" = 1'-0"

- EXISTING TILE #1
- EXISTING TILE #2













May 1, 2018

**RE: RFI 038 - Existing Tile in Lobby of Main Building**

Thomas,

Thank you for the opportunity to propose on the project. Below is a list of our scope inclusions and exclusions.

**Work Included in our Scope:**

**Drawings Dated:** 4/27/2018

**Addenda:** N/A

**A.1 - 2.10- Main Demolition - Floor Plan**

- Remove Existing Tile in Lobby of Main Building
- Haul Off & Disposal Included

**BASE BID..... \$ 735.00**

Please let me know if you have any questions.

Thanks,

**Dawson McGough  
The Demo Company  
334-322-1022**

**Exclusions / Clarifications:**

- Permits / Fees / Bonds
- Removal of Hazardous Materials (i.e. Asbestos)
- Temporary Facilities or Utilities
- Floor Prep. Glue and adhesives will be removed within an 1/8"
- Street / Sidewalk Closures, Traffic Control or Barricades
- Cutting / Capping / Make Safe of Existing Utilities
- Layout of any sort. (i.e. MEP / Openings / Limits of Demolition / etc.)
- Salvaging any items to be re-used or transmitted to the Owner.
- MEP Haul-off unless otherwise noted above
- Additional Layers of Sheetrock are not included. One layer included unless otherwise noted above.
- Hidden Conditions (i.e. concealed VCT or Above ceiling Pony Walls) not included.
- Site Fencing or SWPPP.
- Final Grading or Backfilling
- Shoring / Bracing o Lintels
- Hidden Underground Structures (Beams, Pits, Tanks, etc.)
- 3rd Party Oversight and Sampling
- Fire Watch and/or Security
- Only Responsible for Structural Demo to 2' Below Grade
- Bid Assumes 40/hr Work Week and One Mobilization. Additional Mobilization is \$1,500 per.



8013 Exchange Drive, Suite 300  
 Austin, TX 78754  
 512.928.5655 Voice 512.928.5711 Fax  
 www.corporatefloors.com

**Attention:** THOMAS MORRILL  
**Salesperson:** Dean Smart  
**Estimator:** Shane Crumpton  
**Project Manager:** Mica Martinez  
**Addendums Read:** 2

# Proposal

Install Date:

Plan Date:

Bid Date:

11/9/2017

Date:

5/3/2018

Time:

10:21 AM

Revision #:

Bid #:

37195

Bill To		Project	
VAUGHN CONSTRUCTION AUSTIN 6604 NORTH LAMAR AUSTIN, TX 78752		WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER	
		, TX	
THOMAS MORRILL			
Phone:		Phone:	
Cell:		Cell:	
Pager:		Pager:	
Fax:		Fax:	

**RFI 38 ADD**

Line	Description	Extended:
1	<b>FT- 2 CERAMIC FLOOR SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT and 1 PATCH AT 1 DOOR; NO WATERPROOFING / ANTIFRACTURE OR DEMO IS INCLUDED</b> <u>DAL-TILE</u> AFFINITY BROWN 18x18 AF04	\$3,784.27
2	<b>FT- 2 CERAMIC BASE SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT ; BASE IS CUT FROM FIELD</b> <u>DAL-TILE</u> AFFINITY BROWN 18x18 AF04	\$410.09
<b>TOTAL (THESE LINE ITEMS TAX EXEMPT) \$</b>		<b>4,194.36</b>

**NOTES**





18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0012

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Retaining Wall Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill".

Thomas Morrill

Attachments:

CC:

# FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0012

QUOTATION :

Item	Labor	Materials	Subs	Total
Retaining Wall Revisions Per RFI 026	\$0.00	\$0.00	\$15,100.00	\$15,100.00
CM Fee	\$0.00	\$524.00	\$0.00	\$524.00
To Be Funded By Owners Contingency	\$0.00	\$(15,912.00)	\$0.00	\$(15,912.00)
Subcontractor Default Insurance	\$0.00	\$189.00	\$0.00	\$189.00
Layout of Revisions for Retaining Wall	\$0.00	\$0.00	\$99.00	\$99.00

**Totals** \$0.00 \$(15,199.00) \$15,199.00 \$0.00

**Insurance, Tax, Benefits on Labor** \$0.00

**Overhead** \$0.00

**Fee on Subs** \$0.00

**Fee on JTV** \$0.00

**Bond** \$0.00

**Remodel Tax** \$0.00

---

**TOTAL** \$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

VAUGHN CONSTRUCTION

By: \_\_\_\_\_

By:   
Thomas Morrill

Date \_\_\_\_\_

Proposal Valid for 10 Days

# REQUEST FOR INFORMATION



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

**RFI NO:** 26

**To:** John Benham  
Jackson & Ryan Architects  
2370 Rice Boulevard, Suite 210  
Houston, TX 77005  
Phone: (713) 526-5436  
Fax:

**Date:** 03/06/2018

**Required By:** 03/09/2018

**Owner:** Williamson County, Texas

**From:** Thomas Morrill

**Job No :** 249101

**Project:** Animal Shelter Expansion  
1855 SE Inner Loop  
Georgetown, TX 78626

**Re:** Greenscreen Column Spacing

**Spec. Section:**

**Drawing Number:** 03 A.3-501, S.3-2.03, 01 A.3-5.42,  
A.3-5

**Other Reference:**

## Question:

1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

---

## Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

John Benham, AIA  
Jackson & Ryan Architects  
03/19/18

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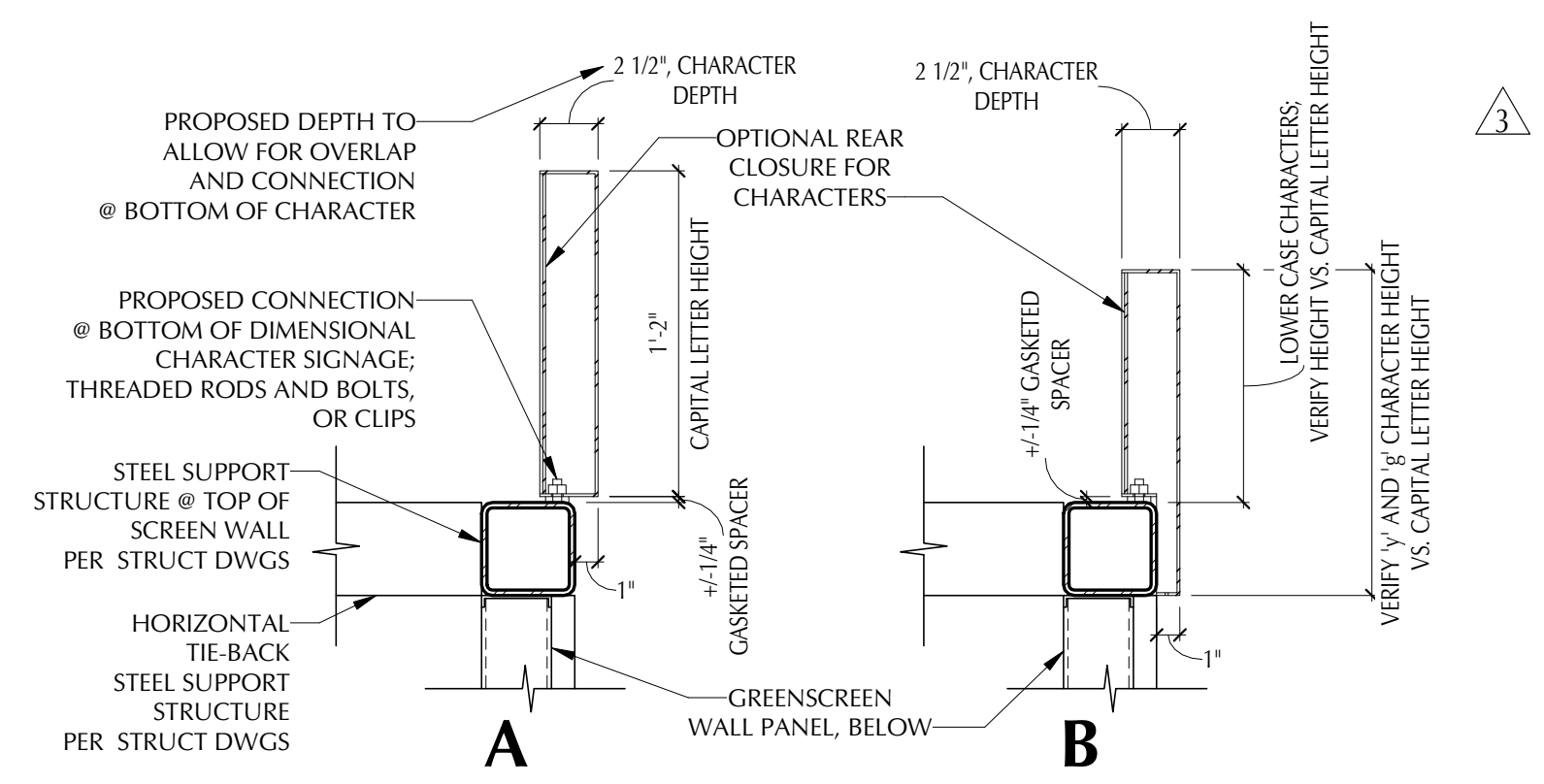
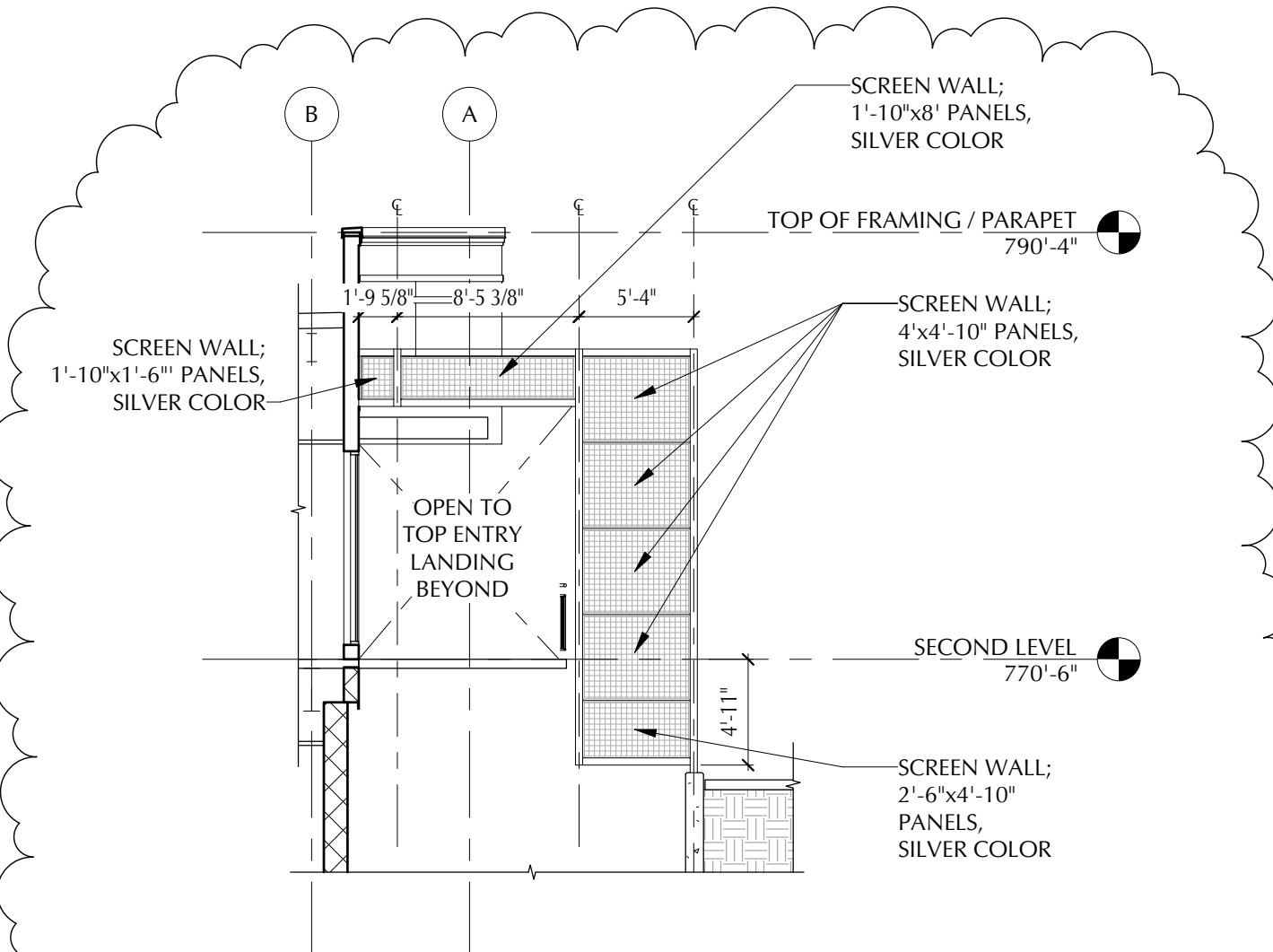
Very truly yours,

**VAUGHN CONSTRUCTION**

**Attachments:**

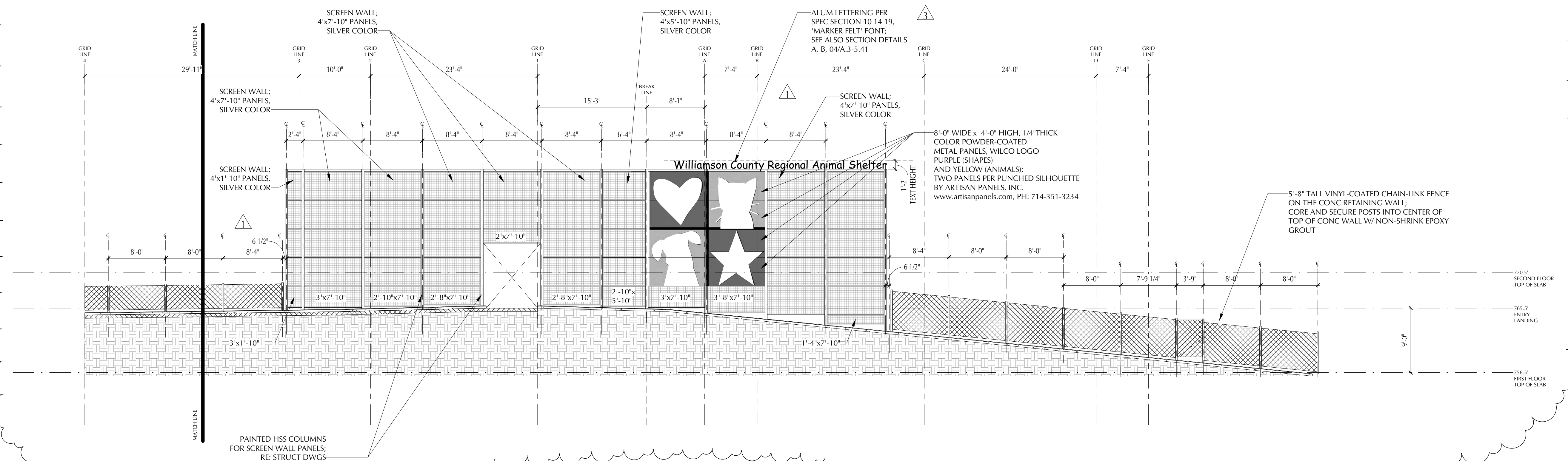
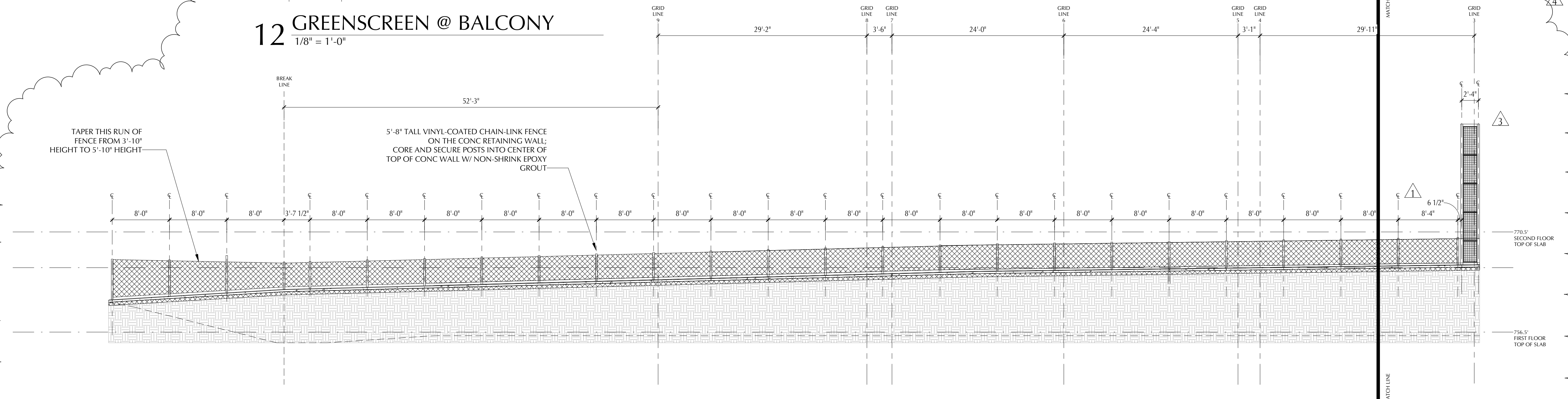
**CC:**





**04 RETAINING WALL - SIGNAGE DETAILS**  
1/8" = 1'-0"

**12 GREENSCREEN @ BALCONY**  
1/8" = 1'-0"



TYPICAL NOTE:  
SCREEN WALL AND ALUMINUM LOGO  
PANEL CONNECTIONS TO STRUCTURE  
TO BE PER THE PRODUCT MANUFACTURERS'  
RECOMMENDATIONS

TYPICAL NOTE:  
SCREEN WALL PANELS BY greenscreen,  
www.greenscreen.com, PH: 310-837-0526,  
OR APPROVED SUBSTITUTION

**01 RETAINING WALL - OUTSIDE ELEVATION**  
1/8" = 1'-0"

Date Issued:  
09/27/17  
10/18/17  
11/15/17  
01/17/18  
03/19/18

ISSUE FOR PERMIT  
ADDENDUM 01  
FIRST RE-SUBMITTAL - PLAN  
REVIEW  
RFI 004  
RFI 026

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**WILLIAMSON COUNTY  
REGIONAL ANIMAL  
SHELTER**

1855 SE INNER LOOP  
GEORGETOWN, TX 78626

**JACKSON & RYAN ARCHITECTS**  
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
DAVCAR ENGINEERING  
512-328-4428

LANDSCAPE ARCHITECT  
GARCIA DESIGN  
512-892-0353

STRUCTURAL ENGINEER  
MATRIX STRUCTURAL ENGINEERS  
713-664-0130

MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
SHAH SMITH & ASSOCIATES, INC.  
512-851-0404

GENERAL CONTRACTOR

**VAUGHN CONSTRUCTION**  
512-318-1332



03/19/18

Sheet Content:  
**EXTERIOR ELEVATION  
DETAILS AND SECTIONS**

SCALE: As indicated

Copyright 2016 JACKSON & RYAN, ARCHITECTS

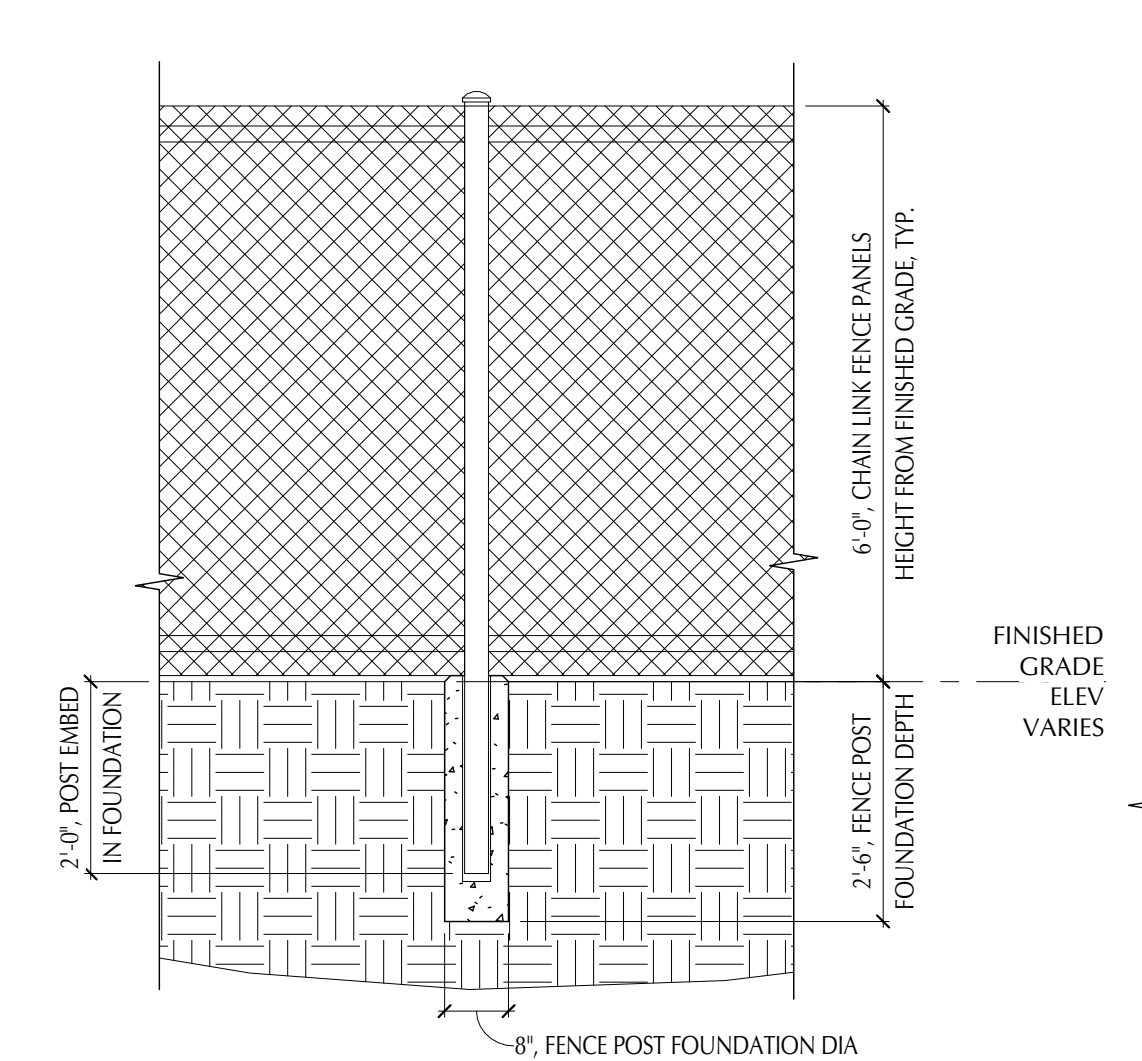
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**A.3-5.41**

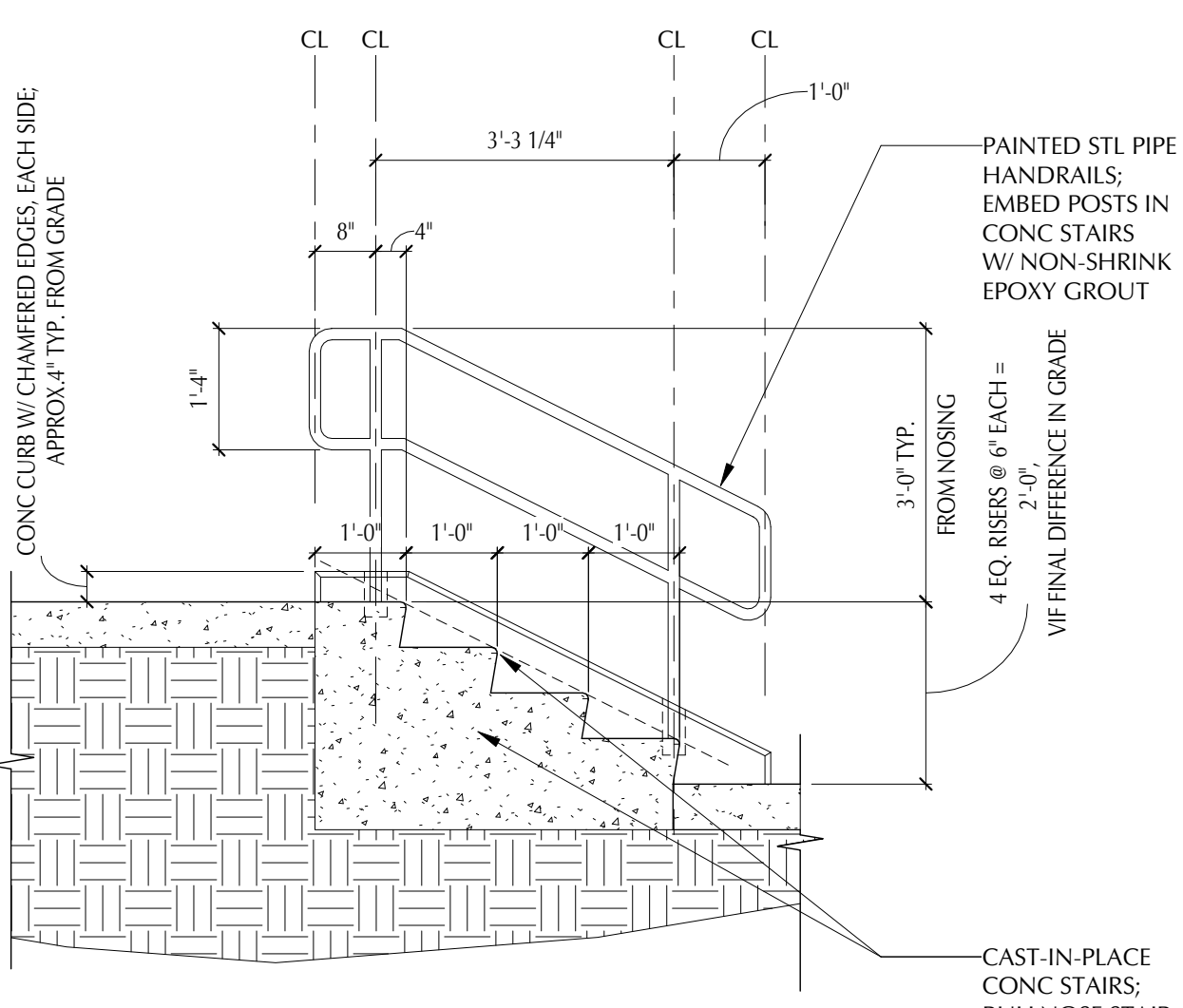
Plot Date: 09/27/17

Date Issued:  
 09/27/17  
 10/18/17  
 11/15/17  
 03/19/18

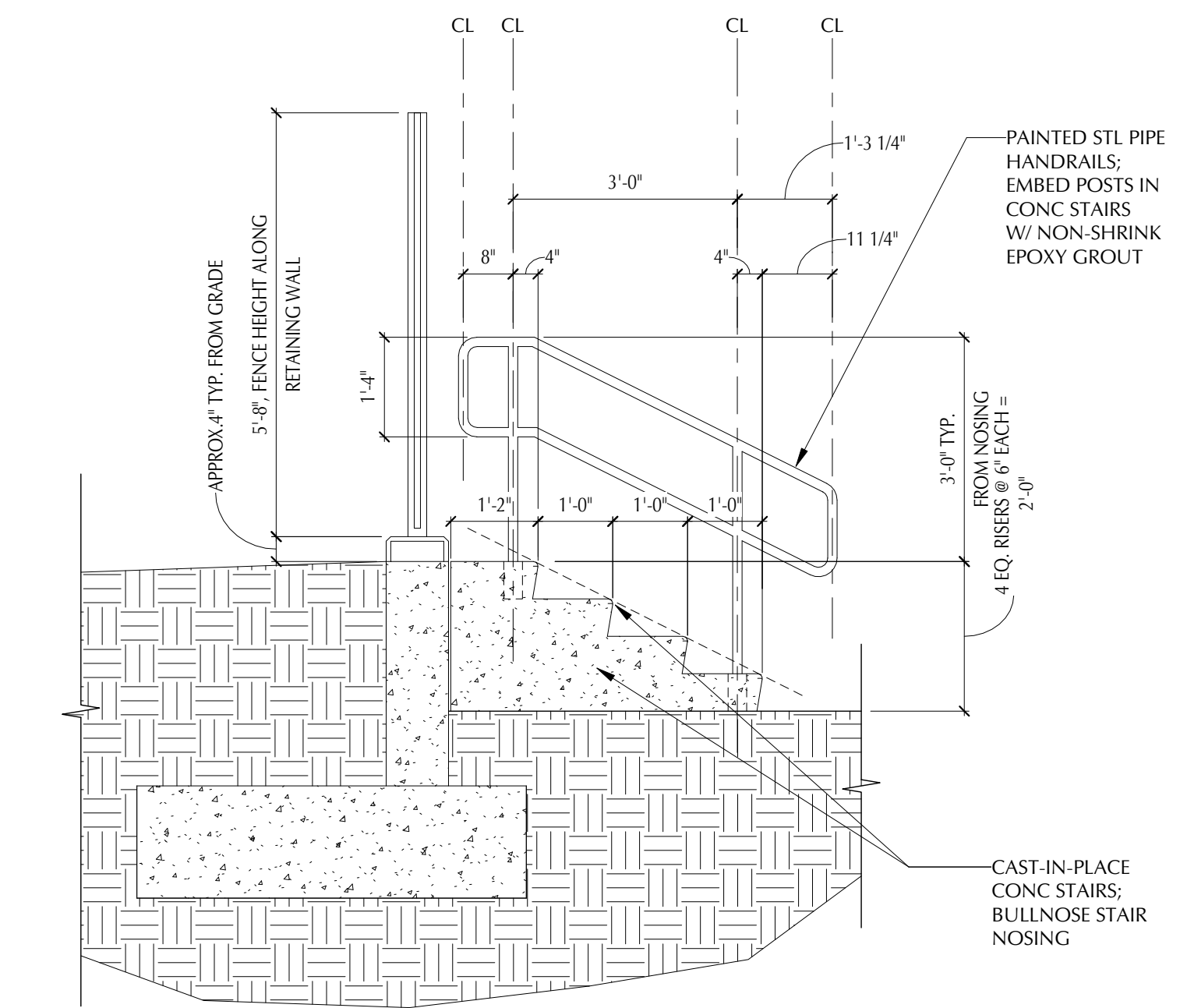
ISSUE FOR PERMIT  
 ADDENDUM 01  
 FIRST RE-SUBMITTAL - PLAN  
 REVIEW  
 RFI 026



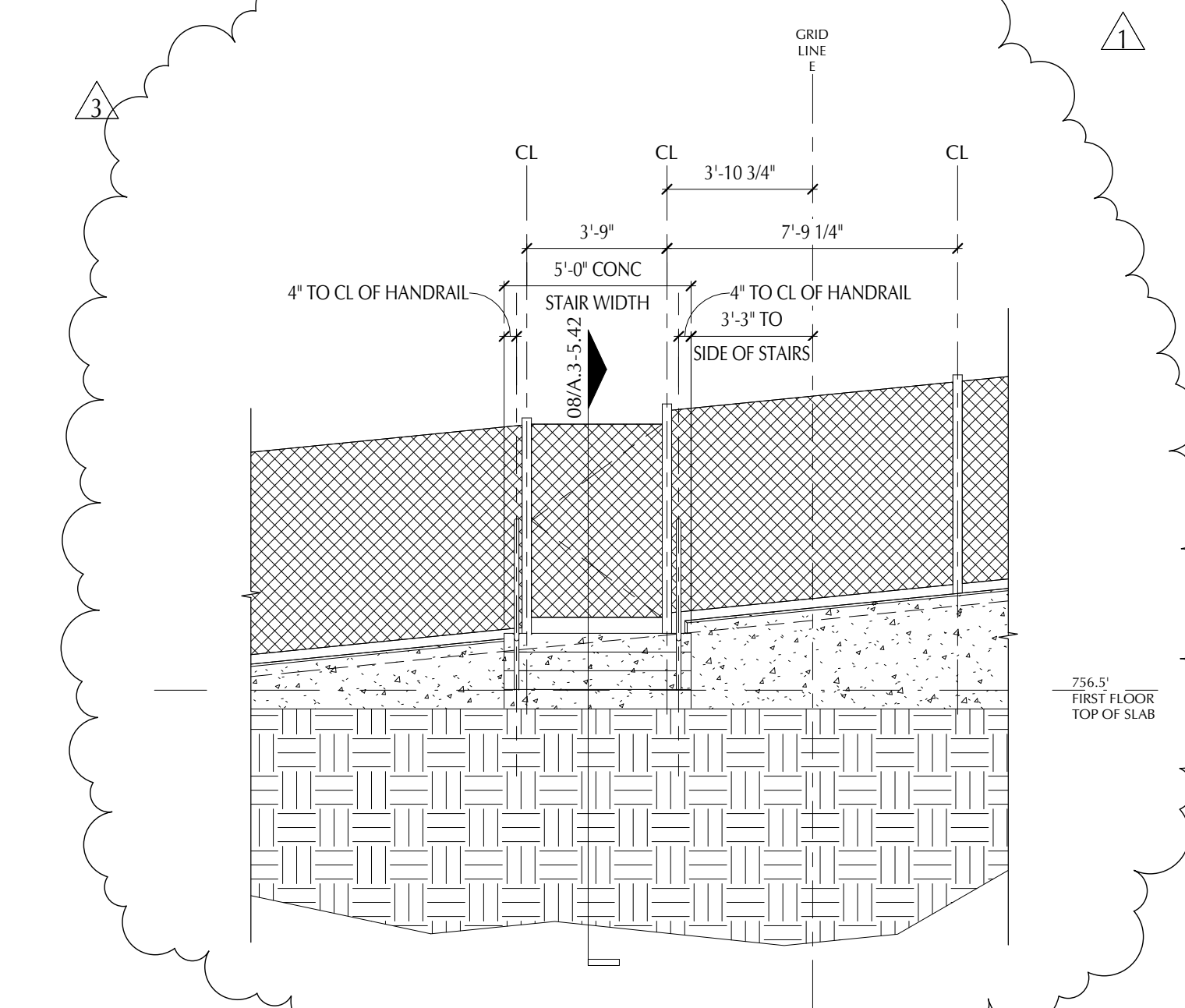
16 CHAIN LINK FENCE POST, TYP.  
 1/2" = 1'-0"



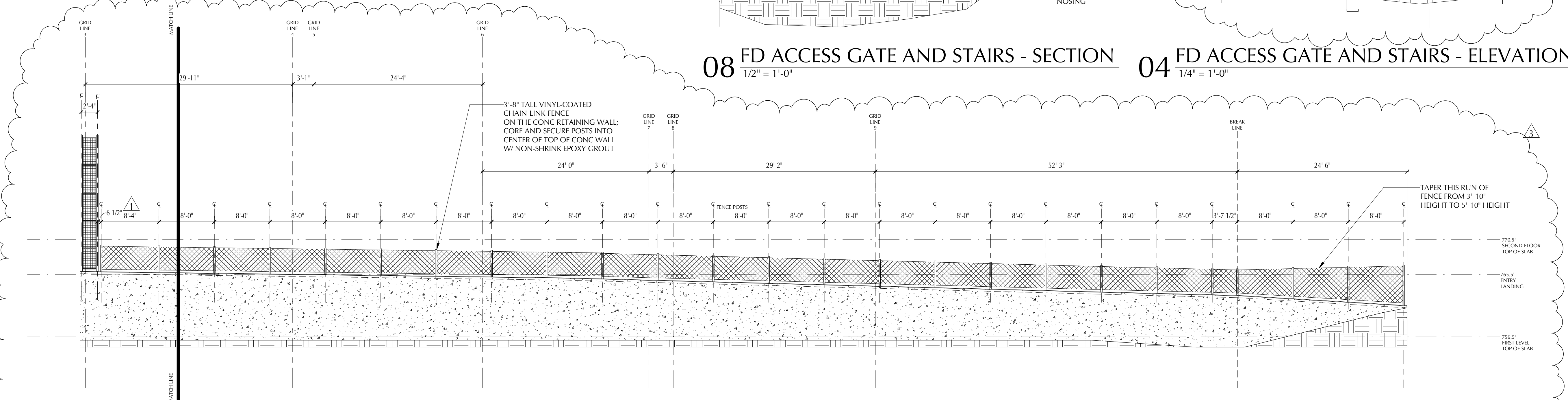
12 SITE STAIRS - SECTION  
 1/2" = 1'-0"



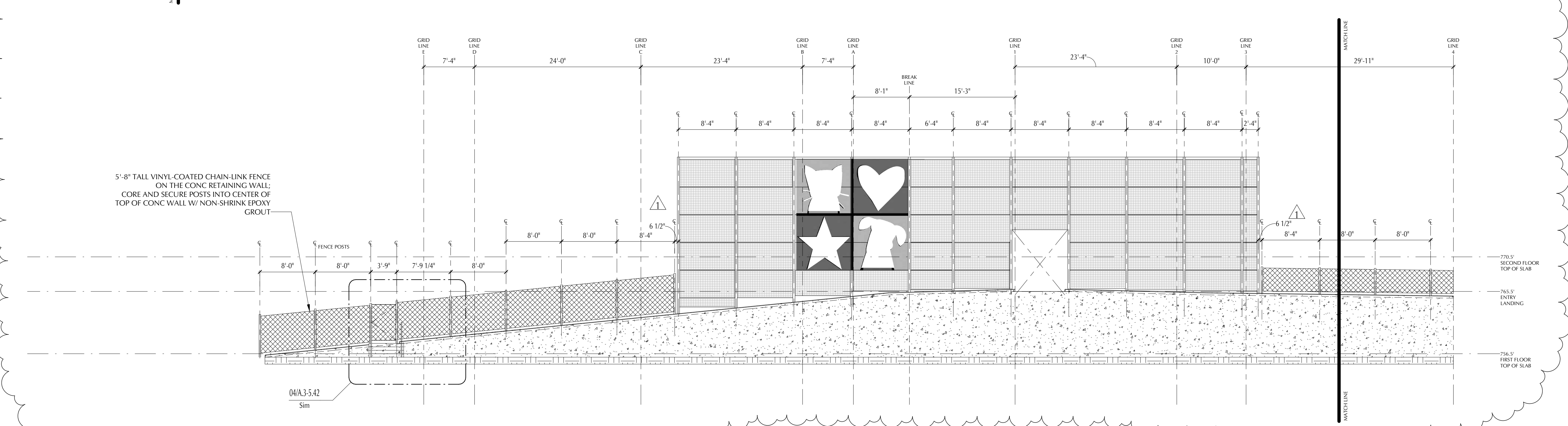
08 FD ACCESS GATE AND STAIRS - SECTION  
 1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION  
 1/4" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION  
 1/2" = 1'-0"



01 RETAINING WALL - INSIDE ELEVATION  
 1/8" = 1'-0"

TYPICAL NOTE:  
 SCREEN WALL AND ALUMINUM LOGO  
 PANEL CONNECTIONS TO STRUCTURE  
 TO BE PER THE PRODUCT MANUFACTURERS'  
 RECOMMENDATIONS

TYPICAL NOTE:  
 SCREEN WALL PANELS BY greenscreen,  
 www.greenscreen.com, PH. 310-837-0526,  
 OR APPROVED SUBSTITUTION

GEORGETOWN PROJECT NO. 2017-39592  
 Project Number: 16042  
**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**  
 1855 SE INNER LOOP  
 GEORGETOWN, TX 78626  
**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005  
 CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
 LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353  
 STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130  
 MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332



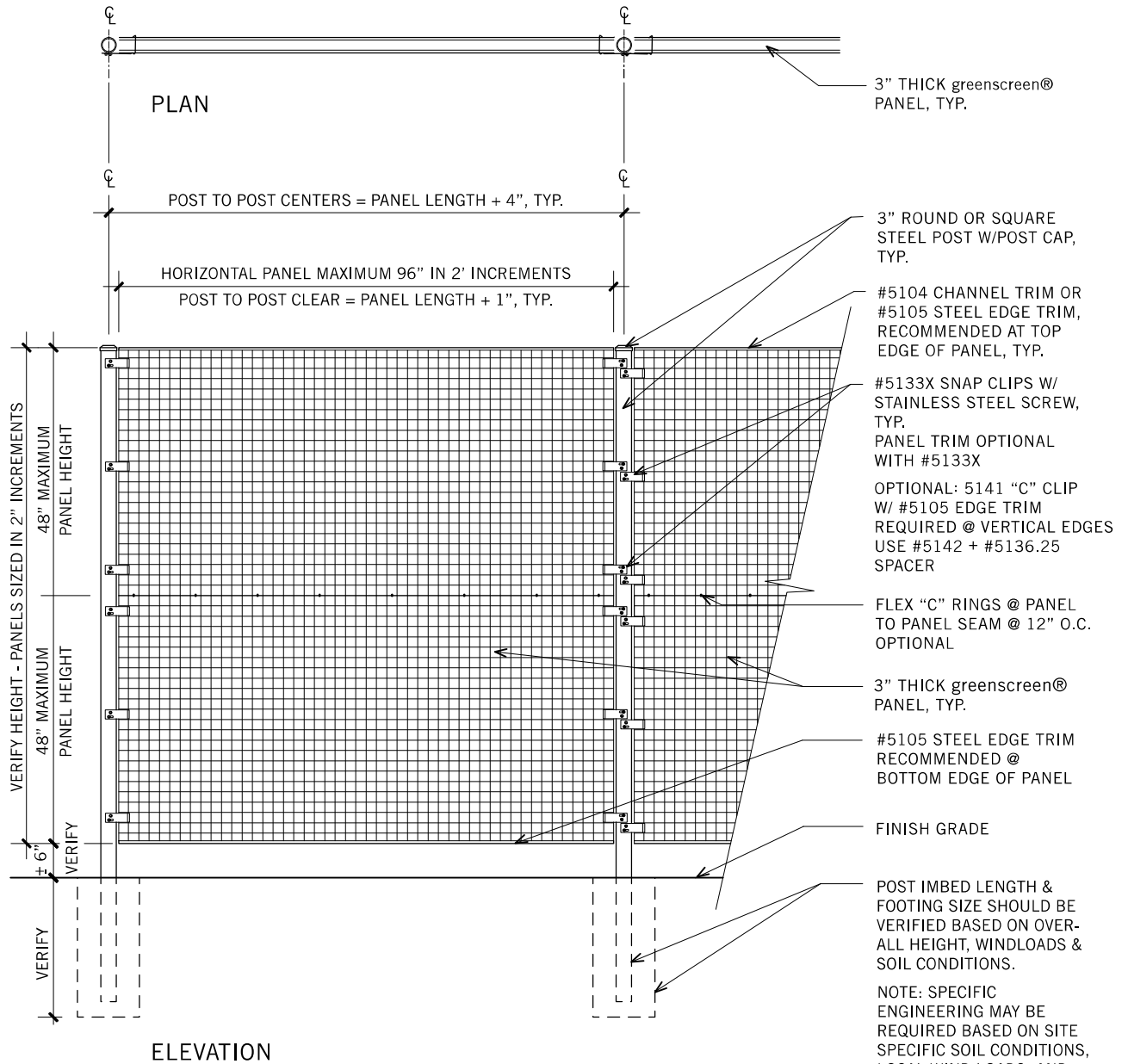
03/19/18  
 Sheet Content:  
**EXTERIOR ELEVATION  
 DETAILS AND SECTIONS**

SCALE: As indicated  
 Copyright 2016 JACKSON & RYAN, ARCHITECTS

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**A.3-5.42**  
 Plot Date: 09/27/17

# Freestanding, Horizontal FENCE / SCREEN



NOTE: SPECIFIC ENGINEERING MAY BE REQUIRED BASED ON SITE SPECIFIC SOIL CONDITIONS, LOCAL WIND LOADS, AND VERTICAL HEIGHT OF FENCE/SCREEN.

NOTE: VERIFY PANEL SPAN AND CLIP SPACING FOR ALL ROOFTOP INSTALLATIONS AND ALL INSTALLATIONS 20' ABOVE GRADE.

FALL 2015



P.O. Box 1057  
Round Rock, TX 78680  
(512) 244-0600  
Fax: (512) 244-0489

**17207 - WILCO ANIMAL SHELTER RETAINING WALL REVISION**

04/10/18

DESCRIPTION	Q'TY	UNIT	TOTAL BID
RETAINING WALL REVISION	1	LS	\$ 14,000.00
BACKFILL FOR GAS SUBCONTRACTOR	1	LS	\$ 1,100.00
<b>TOTAL REVISION</b>			<b>\$ 15,100.00</b>





18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0013

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Green Screen Detail Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:



# REQUEST FOR INFORMATION



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

**RFI NO:** 26

**To:** John Benham  
Jackson & Ryan Architects  
2370 Rice Boulevard, Suite 210  
Houston, TX 77005  
Phone: (713) 526-5436  
Fax:

**Date:** 03/06/2018

**Required By:** 03/09/2018

**Owner:** Williamson County, Texas

**From:** Thomas Morrill

**Job No :** 249101

**Project:** Animal Shelter Expansion  
1855 SE Inner Loop  
Georgetown, TX 78626

**Re:** Greenscreen Column Spacing

**Spec. Section:**

**Drawing Number:** 03 A.3-501, S.3-2.03, 01 A.3-5.42,  
A.3-5

**Other Reference:**

## Question:

1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

---

## Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

John Benham, AIA  
Jackson & Ryan Architects  
03/19/18

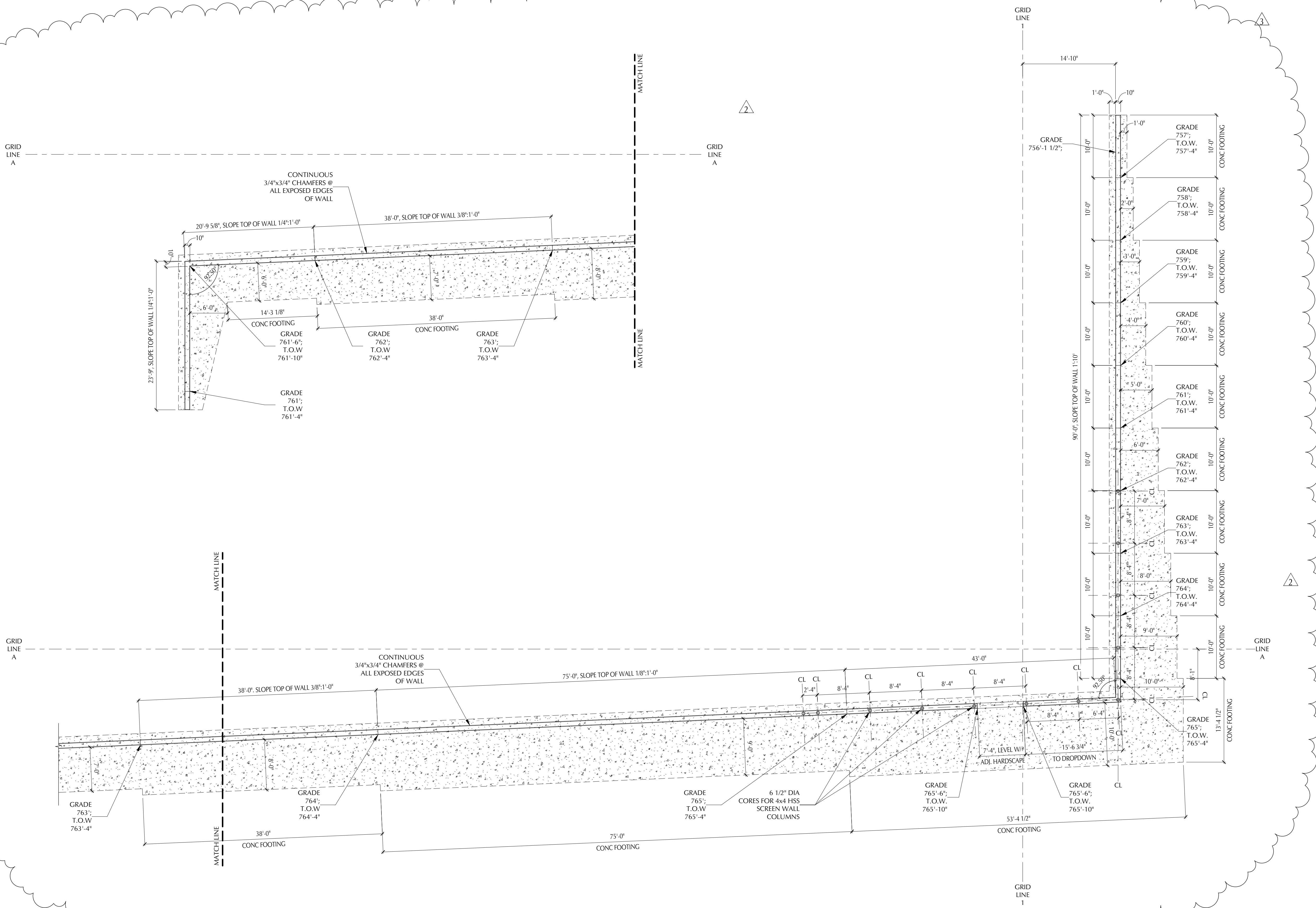
---

Very truly yours,

**VAUGHN CONSTRUCTION**

**Attachments:**

**CC:**



GEORGETOWN PROJECT NO. 2017-39592  
 Project Number: 16042  
**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**  
 1855 SE INNER LOOP  
 GEORGETOWN, TX 78626

**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
 LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353  
 STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130  
 MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332

REGISTERED ARCHITECT  
 MARTHA SENECA  
 JACKSON & RYAN  
 STATE OF TEXAS  
 8878  
 03/19/18

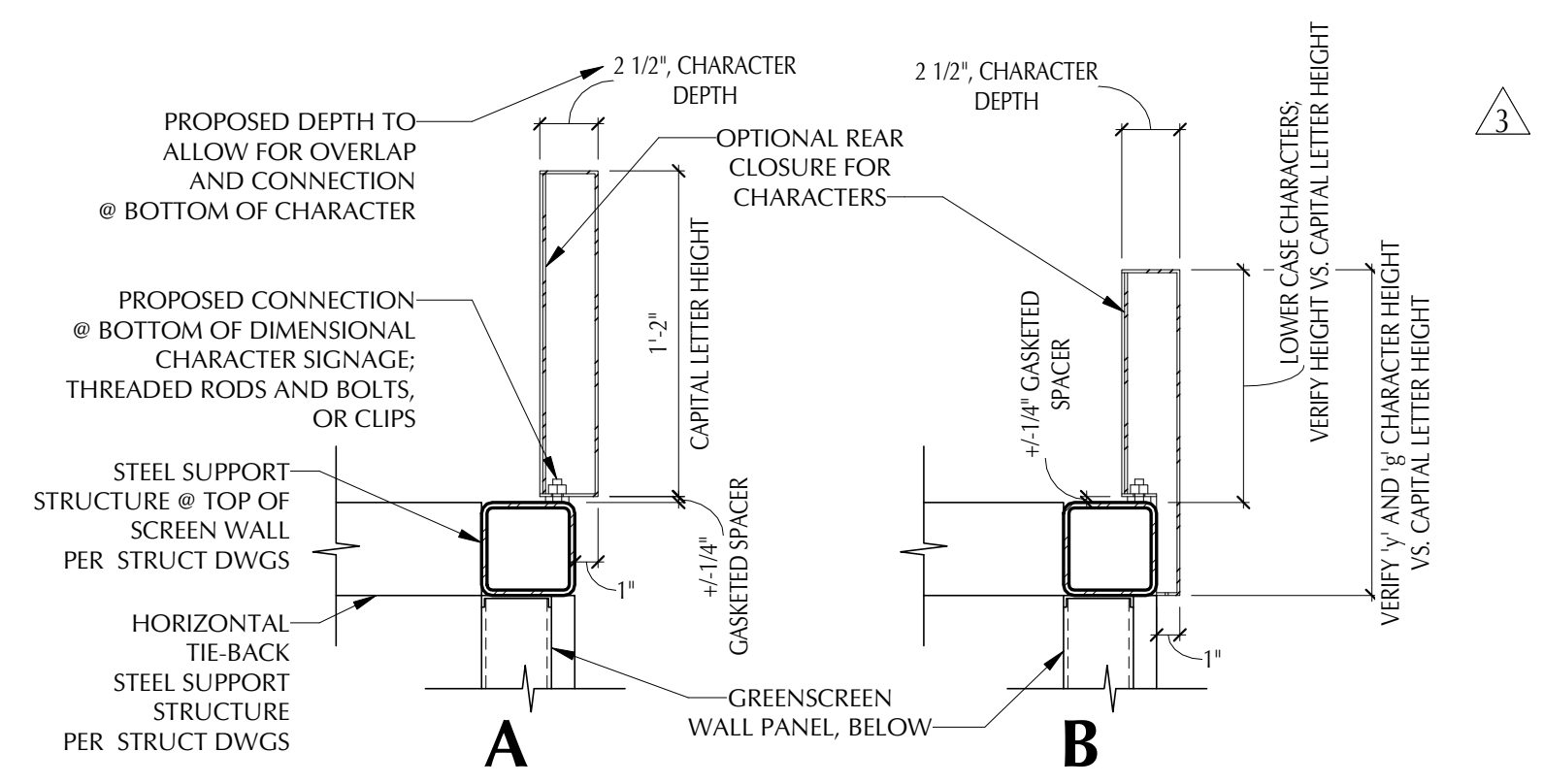
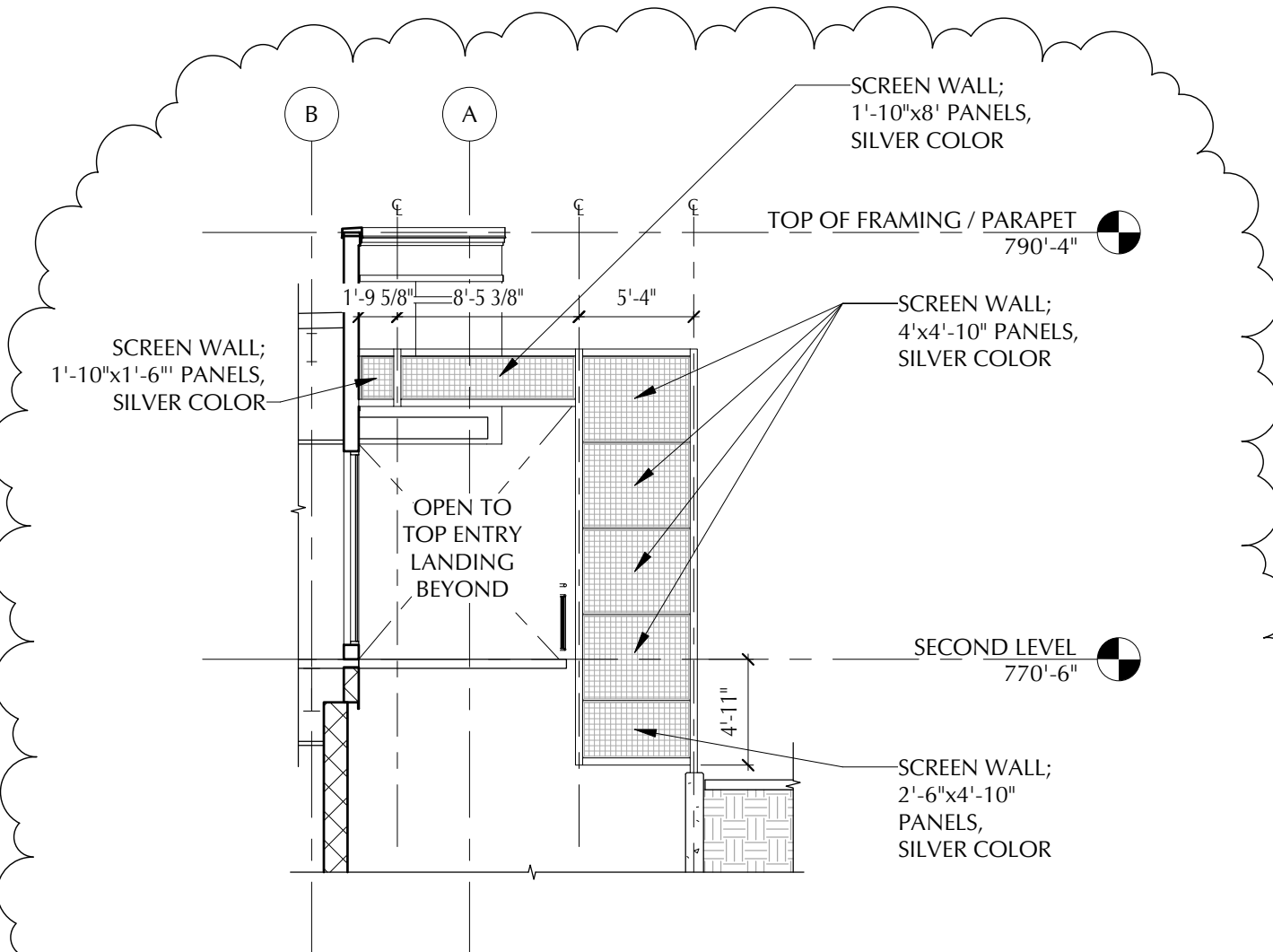
Sheet Content:  
**RETAINING WALL PLAN**

SCALE: 1/8" = 1'-0"

Copyright 2016 JACKSON & RYAN, ARCHITECTS

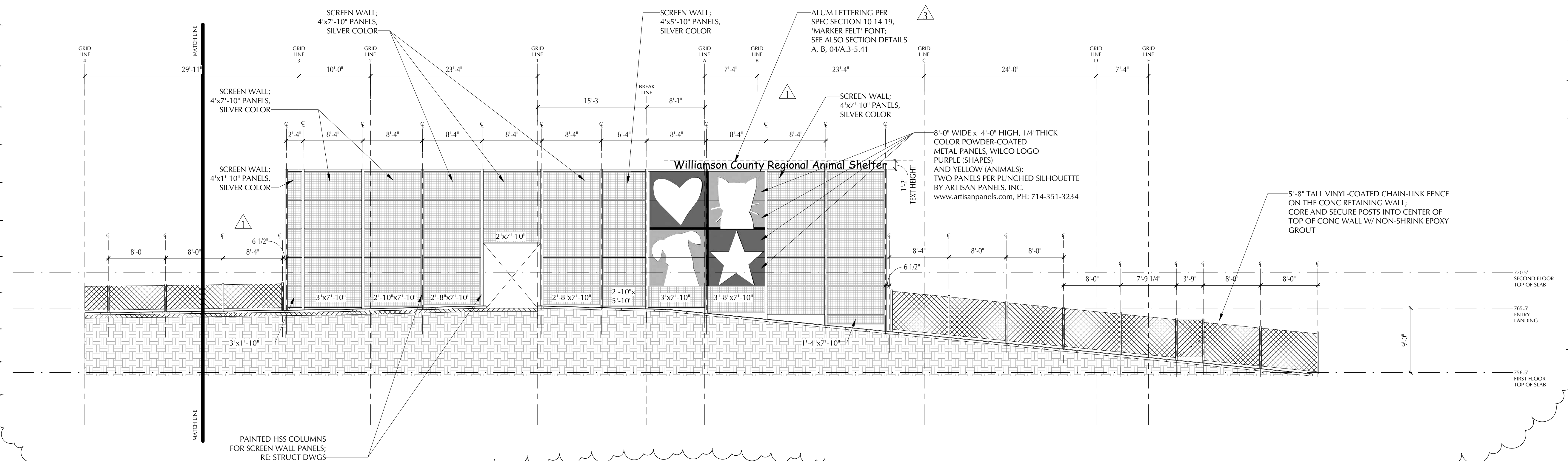
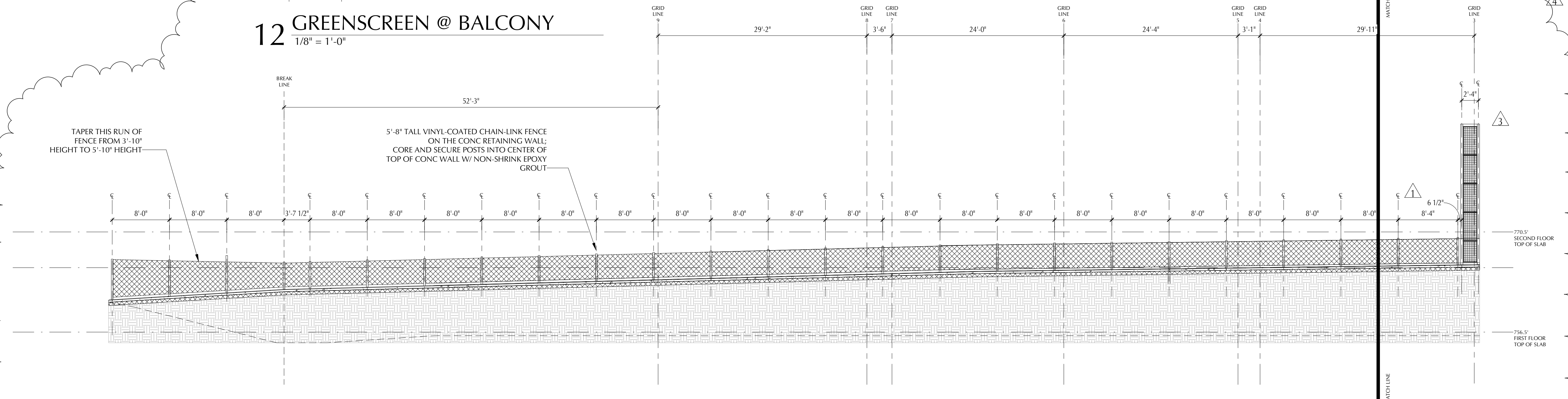
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**01** RETAINING WALL - PLAN  
 1/8" = 1'-0"



**04 RETAINING WALL - SIGNAGE DETAILS**  
1/8" = 1'-0"

**12 GREENSCREEN @ BALCONY**  
1/8" = 1'-0"



TYPICAL NOTE:  
SCREEN WALL AND ALUMINUM LOGO  
PANEL CONNECTIONS TO STRUCTURE  
TO BE PER THE PRODUCT MANUFACTURERS'  
RECOMMENDATIONS

TYPICAL NOTE:  
SCREEN WALL PANELS BY greenscreen,  
www.greenscreen.com, PH: 310-837-0526,  
OR APPROVED SUBSTITUTION

**01 RETAINING WALL - OUTSIDE ELEVATION**  
1/8" = 1'-0"

Date Issued:  
09/27/17  
10/18/17  
11/15/17  
01/17/18  
03/19/18

ISSUE FOR PERMIT  
ADDENDUM 01  
FIRST RE-SUBMITTAL - PLAN  
REVIEW  
RFI 004  
RFI 026

GEORGETOWN PROJECT NO. 2017-39592  
Project Number: 16042  
**WILLIAMSON COUNTY  
REGIONAL ANIMAL  
SHELTER**  
1855 SE INNER LOOP  
GEORGETOWN, TX 78626

**JACKSON & RYAN ARCHITECTS**  
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
DAVCAR ENGINEERING  
512-328-4428  
LANDSCAPE ARCHITECT  
GARCIA DESIGN  
512-892-0353  
STRUCTURAL ENGINEER  
MATRIX STRUCTURAL ENGINEERS  
713-664-0130  
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
SHAH SMITH & ASSOCIATES, INC.  
512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
512-318-1332



03/19/18  
Sheet Content:  
**EXTERIOR ELEVATION  
DETAILS AND SECTIONS**

SCALE: As indicated  
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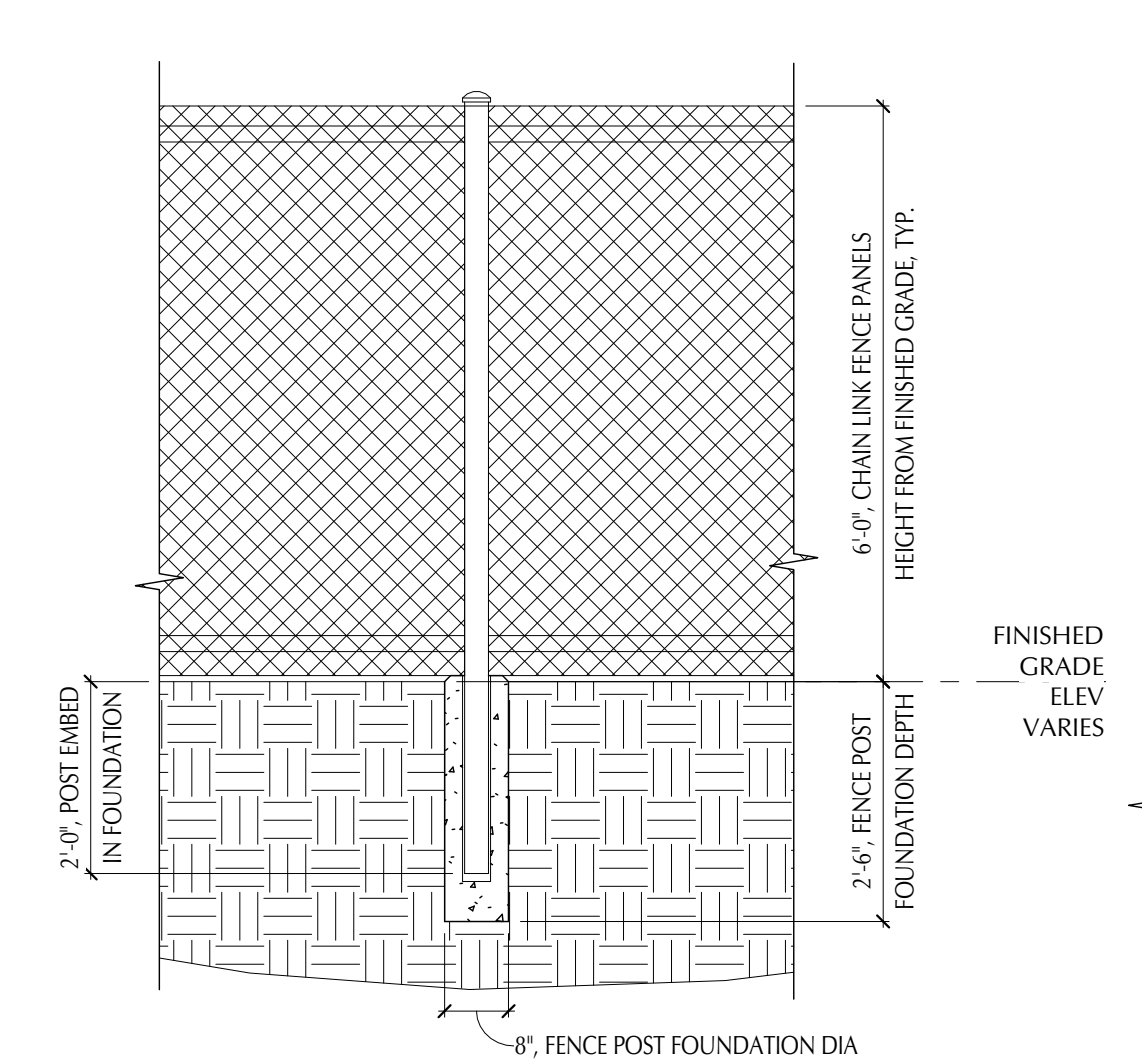
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**A.3-5.41**

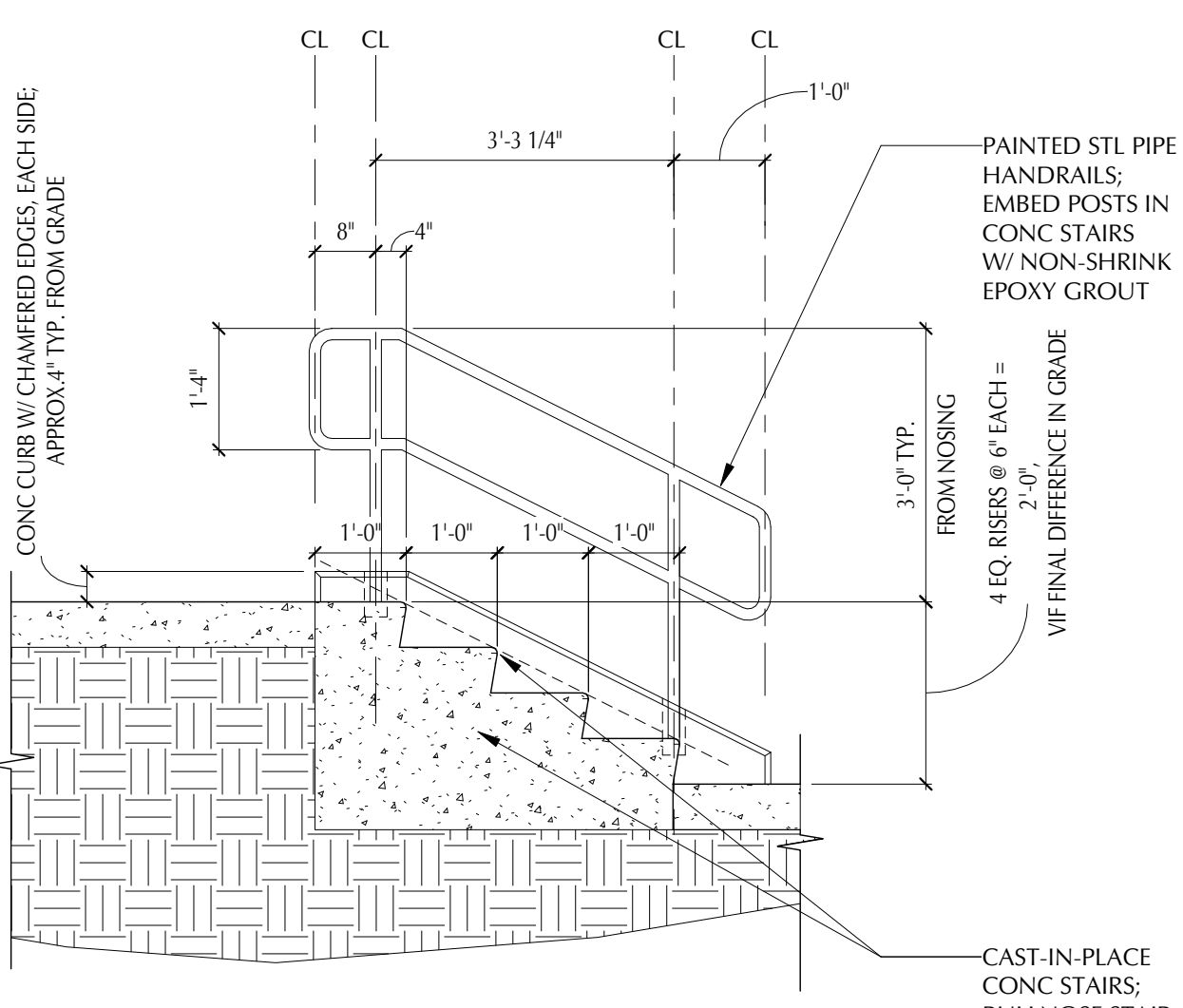
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 03/19/18

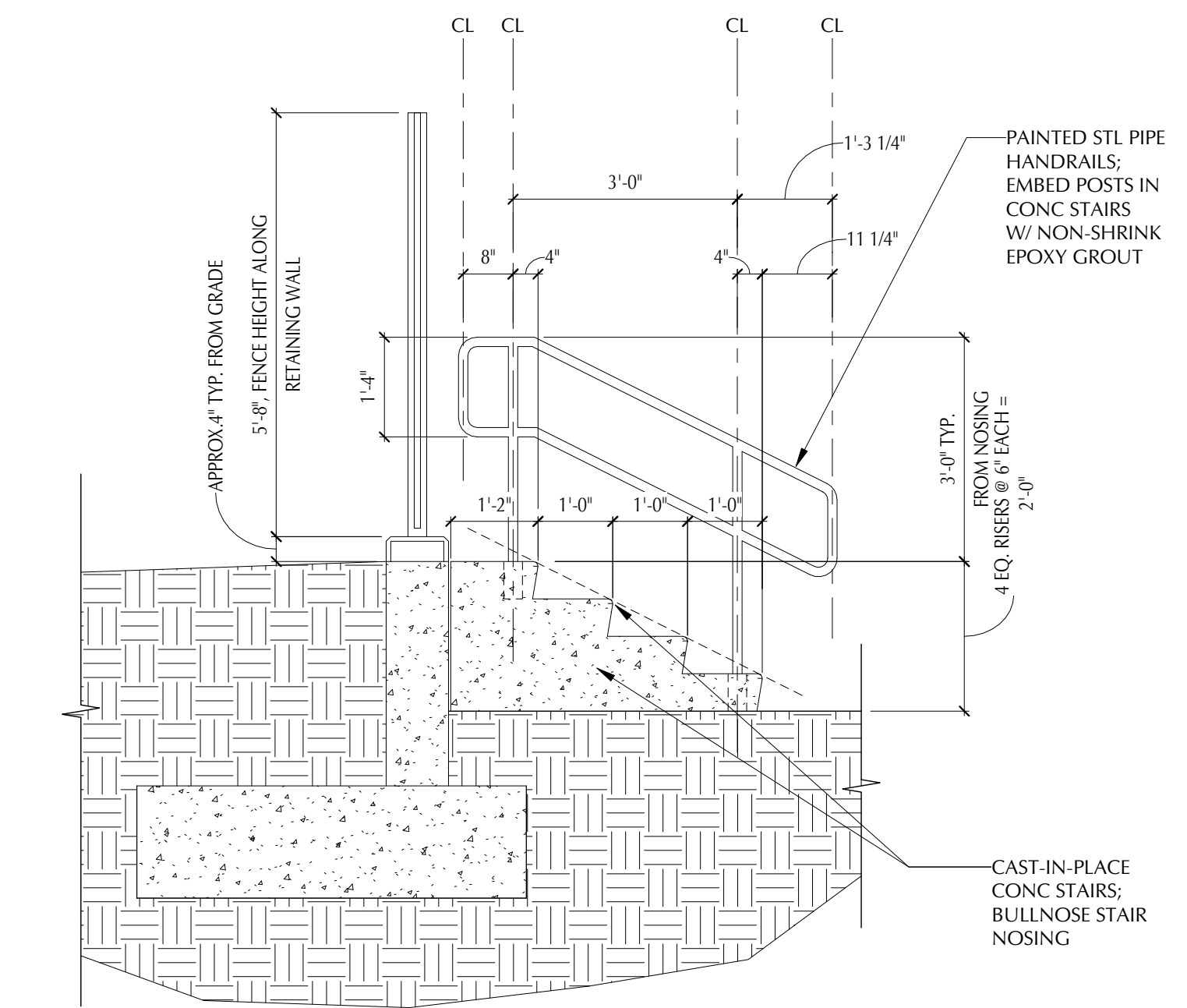
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 FIRST RE-SUBMITTAL - PLAN  
 REVIEW  
 RFI 026



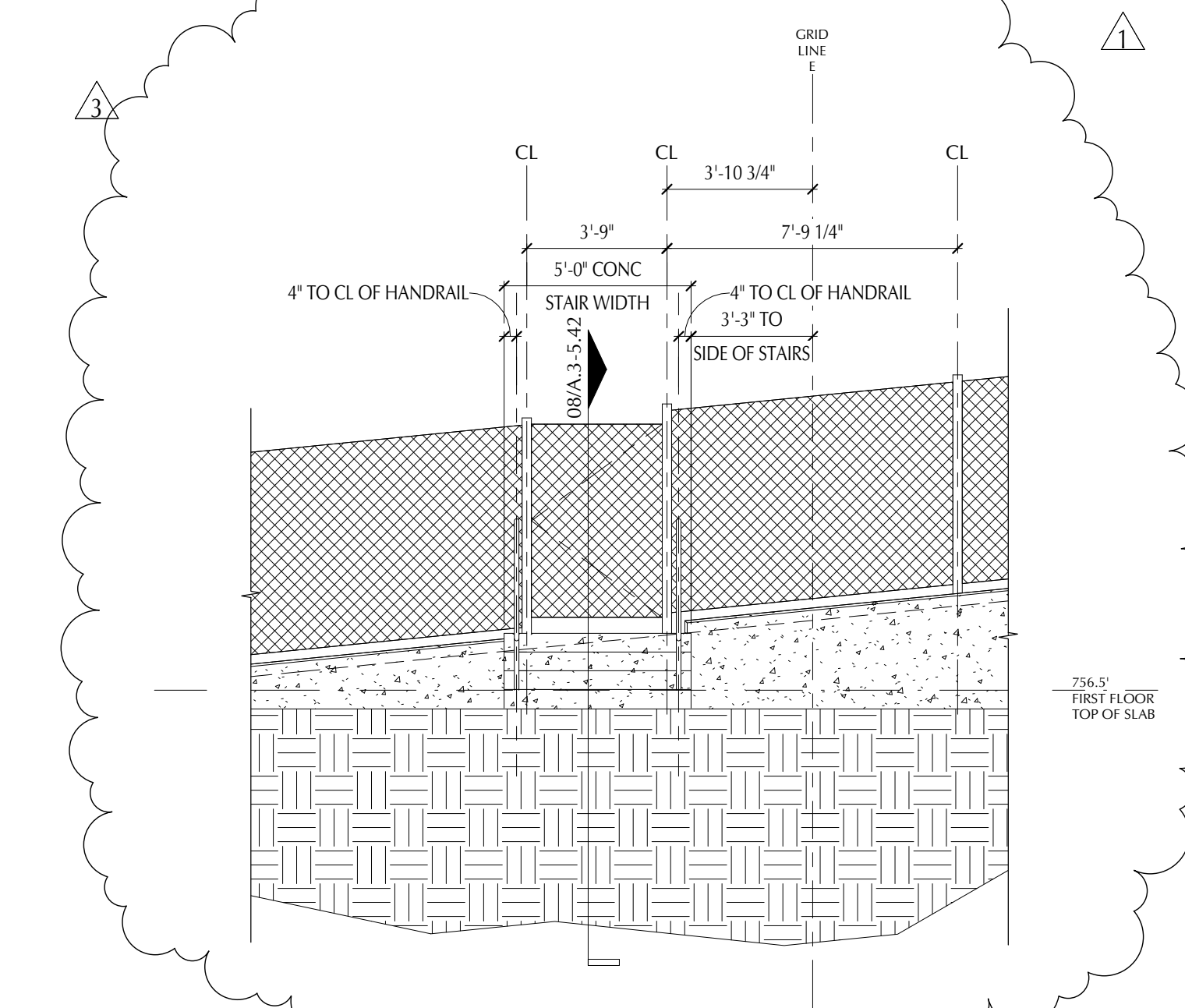
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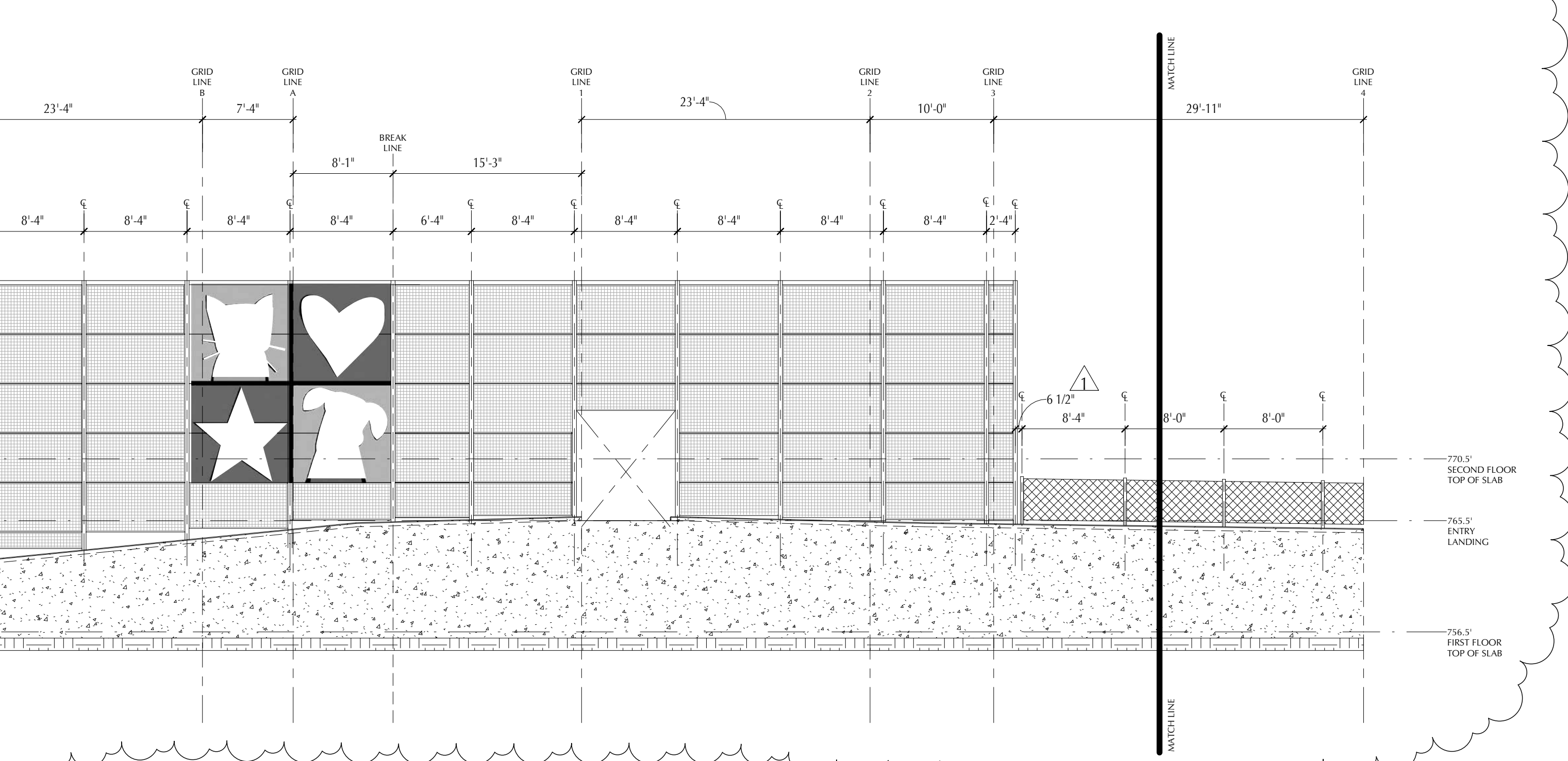
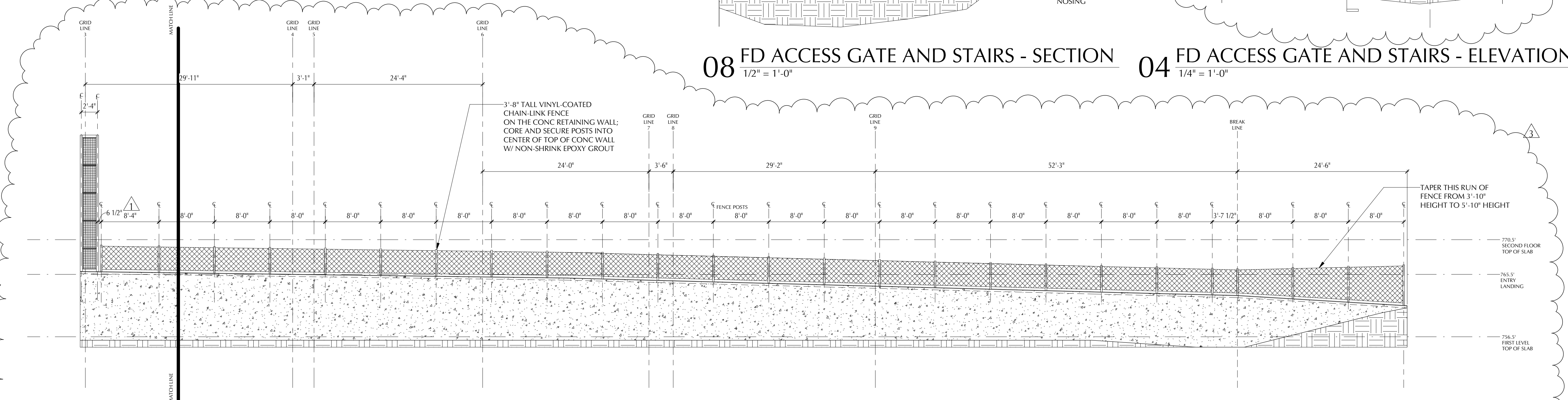
12 SITE STAIRS - SECTION  
 1/2" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION  
 1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION  
 1/4" = 1'-0"



01 RETAINING WALL - INSIDE ELEVATION  
 1/8" = 1'-0"

GEORGETOWN PROJECT NO. 2017-39592  
 Project Number: 16042  
**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**  
 1855 SE INNER LOOP  
 GEORGETOWN, TX 78626  
**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005  
 CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
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 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332



03/19/18

Sheet Content:  
**EXTERIOR ELEVATION  
 DETAILS AND SECTIONS**

SCALE: As indicated  
 Copyright 2016 JACKSON & RYAN, ARCHITECTS

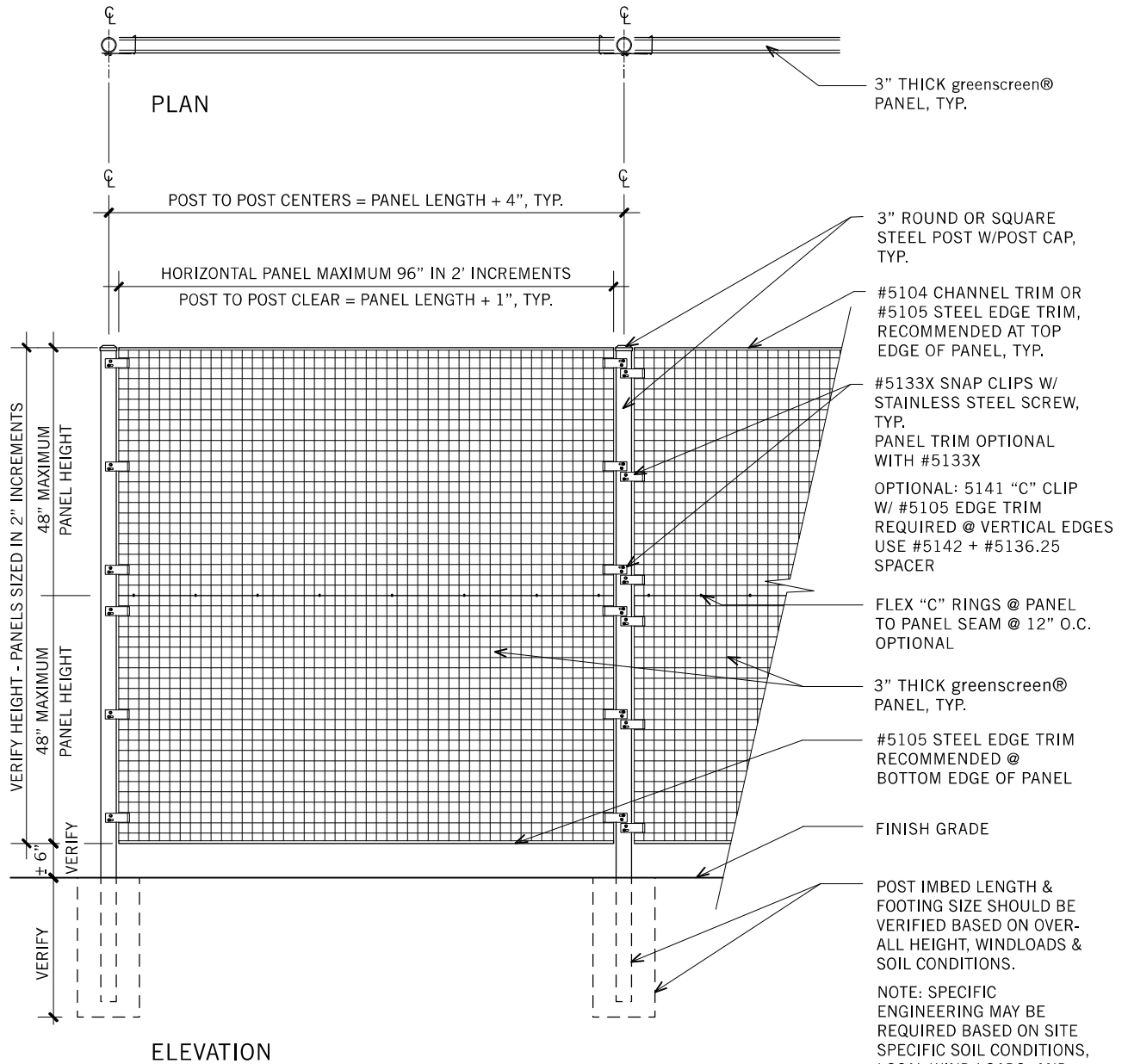
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**A.3-5.42**  
 Plot Date: 09/27/17

TYPICAL NOTE:  
 SCREEN WALL AND ALUMINUM LOGO  
 PANEL CONNECTIONS TO STRUCTURE  
 TO BE PER THE PRODUCT MANUFACTURERS'  
 RECOMMENDATIONS

TYPICAL NOTE:  
 SCREEN WALL PANELS BY greenscreen,  
 www.greenscreen.com, PH. 310-837-0526,  
 OR APPROVED SUBSTITUTION

# Freestanding, Horizontal FENCE / SCREEN



FALL 2015



**Fabricators of Commercial and Industrial Steel**

City of Houston Certified #367  
 9119 Weedy Ln. Houston, TX 77093  
 (713) 691-5200 Main Fax (713) 691-3355 Sales Fax (713) 691-4646

**\*\*\* CHANGE ORDER REQUEST \*\*\***

**DATE OF CHANGE ORDER** March 21, 2018  
**DATE OF LAST REVISION**  
**MYREX JOB NO.** 11174  
**MYREX CHANGE NO.** -001  
**CUSTOMER CHANGE ORDER OR RFI NO.** RFI #26  
**PROJECT** Williamson County Animal Shelter  
**CONTRACTOR NAME** VAUGHN CONSTRUCTION  
**PROJECT MANAGER** Thomas Morrill  
**JOB SITE PHONE**  
**JOB SITE FAX**

**PLEASE PROCESS A CHANGE ORDER TO OUR PURCHASE ORDER FOR THE EXTRA WORK DESCRIBED BELOW:**

Elevations at bottom for all green screen post revised at retaining wall

*All material will be painted with one coat of Myrex standard shop primer with SSPC-SP2 cleaning u.n.o.*

Materials

				Material Amount	0.00	
Fabrication	Manhours	0.00	Hourly Rate	55.00	Fabrication Labor	0.00
	Detailing	13.63	Hourly Rate	55.00	Detailing Time	749.65
	Project Mgr	0	Hourly Rate	55.00	Project Mgr Time	0.00
				Freight	0.00	

**ITEM DESCRIPTIONS AND AMOUNTS: Galvanizing, Miscellaneous, Buyouts, etc.**


**See Page 2 for Grand Total**

Subtotal from Page 1 749.65

5.00% Overhead 37.48

5.00% Profit 37.48

Erection

Erection Overhead/Profit 0.00

Customer Adjustment 0.39

NOTES

Empty rectangular box for notes.

CHANGE TOTALS

Change Amount 825.00

Tax Amount 0.00

GRAND TOTAL 825.00

The status of this Change Order is *Unapproved*

Approved = Myrex has received formal Change Order.

Unapproved = Myrex has been authorized to proceed, with formal Change Order to follow.

Quoted only = Myrex has not been authorized to proceed.

Please initial here \_\_\_\_\_ to verify Change Order status.

MYREX INDUSTRIES

VAUGHN CONSTRUCTION

Caden Fishbeck

Authorized Signature

NOTES: EXTRA WORK WILL NOT BE PERFORMED UNTIL A SIGNED COPY OF THIS REQUEST IS RETURNED TO MYREX INDUSTRIES. THE CHANGES QUOTED HEREIN WILL IMPACT THE MYREX PRODUCTION SCHEDULE BY A MINIMUM OF 0.00 WORKING DAYS.



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0014

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink that reads "Tom Morrill".

Thomas Morrill

Attachments:

CC:



# AIA<sup>®</sup> Document G710<sup>™</sup> – 1992

## Architect's Supplemental Instructions

**PROJECT:** *(Name and address)*

Williamson County Regional Animal Shelter  
1855 SE Inner Loop  
Georgetown, TX 78626

**ARCHITECT'S SUPPLEMENTAL****INSTRUCTION NUMBER:** 003OWNER ARCHITECT CONSULTANT CONTRACTOR FIELD OTHER **OWNER:** *(Name and address)*

Williamson County -  
Williamson County Facilities  
3101 SE Inner Loop  
Georgetown, TX. 78626

**DATE OF ISSUANCE:** 05 April 2018**CONTRACT FOR:** New Construction**CONTRACT DATE:** 08 January 2018**FROM ARCHITECT:** *(Name and address)*

Jackson & Ryan Architects  
2370 Rice Blvd., Suite 210  
Houston, Texas 77005

**TO CONTRACTOR:** *(Name and address)*

Vaughn Construction  
6604 N. Lamar  
Austin, Texas 78752

**ARCHITECT'S PROJECT NUMBER:** 16042

05 April 2018

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 acknowledgment that there will be no change in the Contract Sum or Contract Time.

**DESCRIPTION:**


ASI 003 submits revisions to the Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

**ATTACHMENTS:**

*(Here insert listing of documents that support description.)*

One (1) 8.5x11 Cover Page, one (1) 8.5x11 Narrative page, and one (1) 24x36 full-size drawing sheet.

**ISSUED BY THE ARCHITECT:**

  
*(Signature)*

Martha Seng, FAIA  
*(Printed name and title)*

JACKSON & RYAN  
ARCHITECTS

2370 Rice Boulevard, Suite 210  
Houston, TX 77005  
713.526.5436



04/05/18

## Architect's Supplemental Instructions ASI # 003

CONTRACTOR    FIELD    ARCHITECT    CONSULTANT    OWNER    OTHER

Project: Williamson County Regional Animal Shelter  
1855 SE Inner Loop  
Georgetown, TX 78626

Date Issued: 04/05/18  
Contract For: WilCo Animal Shelter  
Contract Dated: 01/8/18

Architect's Project Number: 16042

To Contractor: Thomas Morrill  
Vaughn Construction  
6604 N. Lamar  
Austin, TX. 78752

Owner: Dale Butler  
Williamson County Facilities  
3101 SE Inner Loop  
Georgetown, TX 78626

**NOTICE TO CONTRACTOR:** These supplemental instructions interpret the Contract Documents or order minor changes in the Work without changing the Contract Sum or Contract Time. Proceeding with the work in accordance with these instructions signifies the Contractor's acknowledgement of no change in the Contract Sum or Contract Time.

**Description:**

ASI 003 revises Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

**Attachments:**

Sheet M.2-0.02.

Issued by the Architect:

  
(Signature)

Martha Seng, FAIA

(Printed Name)

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT																					
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	SUPPLY AIR					EXHAUST AIR					VOLTS	PH	HZ	MCA	MOCP	MIN DESIGN EER	REMARKS	
				TOTAL SUPPLY CFM	QTY. FANS	OUTSIDE AIR FLOW	EXT. S.P. IN. W.G.	MOTOR BHP (SA)	MOTOR HP (SA)	CFM	QTY. FANS	EXT. S.P. IN. W.	MOTOR BHP (EA)								MOTOR HP (EA)
AHU-1	Level 1	3780	3780	3780	1	3780	0.35	3.22	5	3830	1	0.50	2.17	5	460	3	60	45.7	50	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	1	4460	0.75	4.63	5	3945	1	0.50	2.38	5	460	3	60	59.2	70	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	1	3380	0.75	2.61	5	2820	1	0.50	1.58	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	1	2820	0.50	2.19	5	2870	1	0.50	1.37	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT CONT.																							
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	GAS HEAT				DX COOLING						REHEAT COIL						MIN DESIGN EER	REMARKS		
				CFM	EAT °F	LAT °F	HEATING MBTUH	CFM	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	TOTAL MBTUH	MIN. SENS. MBTUH	REFRIGERANT	CFM MAX	MIN. CAP. MBH	EAT DB	EAT WB			LAT DB	LAT WB
AHU-1	Level 1	3780	3780	3780	51	80	150	3780	84	69	54	53	188	120	R410A	3780	66	54	53	70	60	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	49	82	160	4460	85	70	54	53	220	140	R410A	4460	82	54	53	71	60	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	54	90	120	3380	83	69	55	54	127	87	R410A	3380	55	55	54	70	60	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	55	94	120	2820	82	68	54	53	125	81	R410A	2820	55	54	53	72	60	11.0 EER	TRANE HORIZON G144

**PACKAGED DX UNIT NOTES**

- UNITS SHALL BE HORIZONTAL SUPPLY/HORIZONTAL RETURN. DOWNFLOW UNITS WITH HORIZONTAL DISCHARGE CURBS ARE NOT ACCEPTABLE.
- UNIT CONSTRUCTION SHALL BE 2" DOUBLE WALL WITH R-13 FOAM INSULATION.
- UNITS SHALL INCLUDE MINIMUM 6" SEPARATION BETWEEN THE EVAPORATOR COIL AND THE HOT GAS REHEAT COIL.
- UNITS SHALL INCLUDE APR VALVE ON FIRST CIRCUIT FOR CAPACITY MODULATION.
- UNITS SHALL INCLUDE STAINLESS STEEL DRAIN PAN.
- UNITS SHALL INCLUDE STAINLESS STEEL GAS HEAT EXCHANGER.
- SUPPLY FAN MOTOR SHALL BE ECM OR DIRECT DRIVE WITH VFD AND SLIDE OUT BLOWER.
- UNITS SHALL INCLUDE POWER EXHAUST.
- UNITS SHALL INCLUDE HAIL GUARDS.
- UNIT EFFICIENCIES MUST MEET MINIMUM OF IECC 2012.
- FURNISH UNITS WITH AN ECONOMIZER.
- UNITS SHALL INCLUDE ENERGY RECOVERY WHEEL WITH MINIMUM EFFICIENCY AS SCHEDULED BELOW.
- UNITS SHALL INCLUDE UNIT CONTROLLER WITH LCD DISPLAY FOR EASE OF TROUBLESHOOTING.

SCHEDULE - ENTHALPY WHEEL																										
MARK	LOCATION	SUMMER CONDITIONS										WINTER CONDITIONS										ENTHALPY WHEEL		REMARKS		
		SUPPLY AIR					EXHAUST AIR					SUPPLY AIR					EXHAUST AIR					MOTOR HP	VOLTS		PH	HZ
		CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O					
AHU-1	AHU-1	3780	100	78	82	68	1.00	3830	75	63	1.00	3780	22	22	51	46	1.00	3830	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-2	AHU-2	4460	100	78	85	70	1.00	3945	75	63	1.00	4460	22	22	49	44	1.00	3945	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-3	AHU-3	3380	100	78	83	69	0.75	2820	75	63	0.75	3380	22	22	54	48	0.75	2820	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-4	AHU-4	2820	100	78	82	68	0.75	2870	75	63	0.75	2820	22	22	55	48	0.75	2870	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC

**ENTHALPY WHEEL NOTES**

- FURNISHED AS PACKAGE WITH AHU.
- SUPPLY AIR MINIMUM EFFICIENCIES FOR AHUS ARE AS FOLLOWS:  
 AHU-1 - 79%  
 AHU-2 - 57%  
 AHU-3 - 67%  
 AHU-4 - 69%

SCHEDULE - FAN													
MARK	SERVICE	TYPE	DRIVE	CFM	E.S.P IN H20	BRAKE HP	HP	POWER			FAN RPM	INTERLOCK WITH	REMARKS
								VOLTS	PH	HZ			
EF-2-1	HOOD EXHAUST	UPBLAST	DIRECT	825	0.285	0.12	0.25	115	1	60	1551	CH-2-1	GREENHECK CUE-095-VG

**FAN SCHEDULE NOTES**

- PROVIDE ALUMINUM INSECT SCREEN.
- COAT INSIDE/OUTSIDE OF FAN PER SPECIFICATIONS.
- PROVIDE ROOF CURB, PRE-WIRED DISCONNECT SWITCH. VERIFY ROOF PITCH.
- PROVIDE WITH FACTORY MATCH STARTER/DISCONNECT TO BE INSTALLED BY DIV. 26.
- PROVIDE PRE-WIRED MOTORIZED BACKDRAFT DAMPER.

SCHEDULE - CANOPY HOOD												
MARK	LEVEL	SERVICE	TOTAL CFM	S.P. (IN)	CANOPY LENGTH	CANOPY WIDTH	CANOPY HEIGHT	EXHAUST CONNECTION LENGTH	EXHAUST CONNECTION WIDTH	THROAT AREA (SQ FT)	THROAT VELOCITY (FPM)	MANUFACTURER & MODEL

**CANOPY HOOD SCHEDULE NOTES**

- PROVIDE STAINLESS STEEL CANOPY HOOD.

SCHEDULE - DIFFUSER & GRILLE								
MARK	CFM RANGE	NECK SIZE	SUPPLY	RETURN	EXHAUST	TYPE	PATTERN	MANUFACTURER & MODEL NUMBER
A	0-180	6"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
B	181-350	8"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
C	351-450	10"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
D	451-710	12"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
G	0-160	6"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
H	161-275	8"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
I	276-435	10"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
J	436-625	12"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
L	RE: DWGS	RE: DWGS	X			SIDEWALL GRILLE	DOUBLE DEFLECTION	PRICE 620 FS, 3/4" BLADE SPACING ALUMINUM FACE AND FRAME
M	RE: DWGS	RE: DWGS		X	X	SIDEWALL GRILLE	SINGLE DEFLECTION	PRICE 630 FL ALUMINUM FACE AND FRAME

**DIFFUSER & GRILLE SCHEDULE NOTES**

- MAX NC-30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
- PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
- ALL DIFFUSERS IN GYP. BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

Date Issued:

09/27/17 ISSUE FOR PERMIT  
 11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW  
 04/04/18 ASI-003

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**

1855 SE INNER LOOP  
 GEORGETOWN, TX 78626

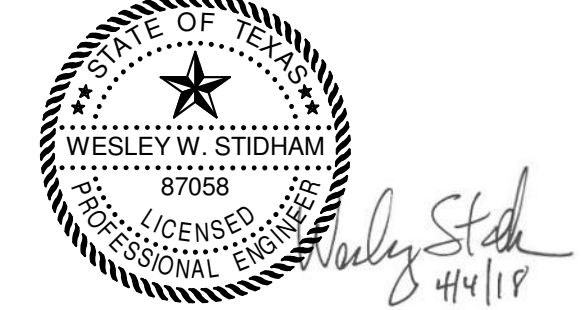
**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
 LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353  
 STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130  
 MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR

**VAUGHN CONSTRUCTION**  
 512-318-1332

Tx. Registration # F-2113



Sheet Content:

**KENNEL - MECHANICAL  
 SCHEDULES**

SCALE: No Scale

Copyright 2016 JACKSON & RYAN, ARCHITECTS

Drawings and Specifications as Instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job-site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

**M.2-0.02**

Plot Date: 10/18/2017

# Harkins Company

## **Mechanical Contractor**

(512) 281-5577 Fax (512) 281-5588

618 Hwy 95 N Elgin, Texas 78621

TACLA27076C

M39024

## **Change Order Proposal - 01**

April 12, 2018

Vaughn Construction

Attn: Brandon Smith

Project: Wilco Animal Shelter

RE: ASI-03

Harkins Company submits this change order proposal in response to the changes noted in ASI-03, which changed the size of the canopy hood on page M.2-0.02.

Materials: \$660.00

OH&P (10%): \$ 66.00

**TOTAL COST: \$726.00**



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0015

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Overtime Hours For Electrical Shutdown For Duct Back Conflict for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:





## PRICE ONLY PROPOSAL

To: Jay McGilton  
Vaughn Construction  
512.820.2308

Date: 3-27-18

Project Name: Williamson Co. Regional Animal Shelter  
Project Number: 988

Description of Work: PCO #1A (REVISED PCO #1)

### Scope:

Provide labor and material for the following:

- Add Overtime hours to remove and re-install existing 3- 2" conduit runs for electrical service from transformer to existing "H" Bldg. to allow new storm drain to be installed for new Adoption Bldg.

Cost: \$1,278.00

### Exclusions and Clarifications

- i. All work will be performed utilizing union labor after normal business hours.
- ii. This proposal is quoted with information supplied by Vaughn Construction.
- iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

**SCHMIDT ELECTRIC**

Donny Hammers  
Project Manager  
PCO #1A - Rev #0

# CHANGE NOTICE

**Schmidt Electric Company, Inc.**  
 9701 FM 1625  
 Austin, TX 78747

**CCN #** 1 A  
**Date:** 4/26/2018  
**Project Name:** WILCO RAS  
**Project Number:** WILCO RAS  
**Page Number:** 1

Client Address:

---

### Itemized Breakdown

---

Description	Qty	Net Price U	Total Mat.
Labor	1	0.01 E	0.01
<b>Totals</b>	<b>1</b>		<b>0.01</b>

---

### Summary

---

General Materials		0.01
<b>Total Material</b>		<b>0.01</b>
GF ST (520) (1.00 Hrs @ \$52.22)		52.22
GF OT (520) (6.00 Hrs @ \$74.93)		449.58
JW OT (520) (10.00 Hrs @ \$58.81)		588.10
PROJECT MANAGER (1.00 Hrs @ \$76.97)		76.97
<b>Subtotal</b>		<b>1,166.88</b>
Overhead (@ 10.000 %)		116.69
<b>Subtotal</b>		<b>1,283.57</b>
Final Adjustment		-5.57
<b>Final Amount</b>		<b>\$1,278.00</b>

---

### CLIENT ACCEPTANCE

<b>CCN #:</b> 1 A	_____
<b>Final Amount:</b> \$1,278.00	_____
<b>Name:</b>	_____
<b>Date:</b>	_____
<b>Signature:</b>	_____
<b>Change Order #:</b>	_____

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

**ORIGINAL**



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0016

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per RFI 30 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:

**FORM B**

**PROJECT: Animal Shelter Expansion**

**CHANGE PROPOSAL NO: 249101-0016**

**QUOTATION :**

<b>Item</b>	<b>Labor</b>	<b>Materials</b>	<b>Subs</b>	<b>Total</b>
Adding Disconnects, Fuses and Unistrut Per RFI 30	\$0.00	\$0.00	\$5,085.00	\$5,085.00
Subcontractor Default Insurance	\$0.00	\$64.00	\$0.00	\$64.00
CM Fee	\$0.00	\$175.00	\$0.00	\$175.00
To Be Funded By Owners Contingency	\$0.00	\$(5,324.00)	\$0.00	\$(5,324.00)

<b>Totals</b>	\$0.00	\$(5,085.00)	\$5,085.00	\$0.00
	<b>Insurance, Tax, Benefits on Labor</b>			\$0.00
	<b>Overhead</b>			\$0.00
	<b>Fee on Subs</b>			\$0.00
	<b>Fee on JTV</b>			\$0.00
	<b>Bond</b>			\$0.00
	<b>Remodel Tax</b>			\$0.00
	<b>TOTAL</b>			<b>\$0.00</b>

**TIME EXTENSION TO CONTRACT:** 0 Days

**Submitted Date:** 5/15/2018

**Accepted**

**VAUGHN CONSTRUCTION**

**By:** \_\_\_\_\_

*Thomas Morrill*  
**By:** \_\_\_\_\_  
**Thomas Morrill**

**Date** \_\_\_\_\_

**Proposal Valid for 10 Days**

# SCHMIDT ELECTRIC

## PRICE ONLY PROPOSAL

To: Jay McGilton  
Vaughn Construction  
512.820.2308

Date: 4-5-18

Project Name: Williamson Co. Regional Animal Shelter  
Project Number: 988

Description of Work: PCO #2 (RFI #30)

### Scope:

Provide labor and material for the following:

- Add Disconnects, Fuses and uni-strut per RFI #30

Cost: \$5,085.00

### Exclusions and Clarifications:

- i. There is NO CHARGE for changing Breakers per RFI #30 as there is no cost difference in the Breakers that were changed.
- ii. All work will be performed utilizing union labor during normal business hours.
- iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

**SCHMIDT  ELECTRIC**

Donny Hammers  
Project Manager  
PCO #2- Rev #0

# CHANGE NOTICE

**Schmidt Electric Company, Inc.**  
 9701 FM 1625  
 Austin, TX 78747

**CCN #** 2  
**Date:** 4/5/2018  
**Project Name:** WILCO RAS  
**Project Number:** WILCO RAS  
**Page Number:** 1

Client Address:

## Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOTTED HOLE GALV	120	583.12 C	699.74
20A 3P BREAKER BOLT-ON	-1	290.25 E	-290.25
70A 3P BREAKER BOLT-ON	1	354.75 E	354.75
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
15A FUSE 250V ONE TIME	1	3.20 E	3.20
30A FUSE 600V ONE TIME	-1	15.61 E	-15.61
40A FUSE 600V ONE TIME	1	25.18 E	25.18
50A FUSE 600V ONE TIME	1	29.27 E	29.27
70A FUSE 600V ONE TIME	1	66.20 E	66.20
<b>Totals</b>	<b>126</b>		<b>3,289.43</b>

## Summary

General Materials		3,289.43
<b>Total Material</b>		<b>3,289.43</b>
GF ST (520)	(2.00 Hrs @ \$52.22)	104.44
JW ST (520)	(26.00 Hrs @ \$41.34)	1,074.84
PROJECT MANAGER	(2.00 Hrs @ \$76.97)	153.94
<b>Subtotal</b>		<b>4,622.65</b>
Overhead	(@ 10.000 %)	462.27
<b>Subtotal</b>		<b>5,084.92</b>
Final Adjustment		0.08
<b>Final Amount</b>		<b>\$5,085.00</b>

## CLIENT ACCEPTANCE

ORIGINAL

# REQUEST FOR INFORMATION



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

**RFI NO:** 30  
**To:** John Benham  
Jackson & Ryan Architects  
2370 Rice Boulevard, Suite 210  
Houston, TX 77005  
Phone: (713) 526-5436  
Fax:  
**From:** Thomas Morrill

**Date:** 3/13/2018  
**Required By:** 3/15/2018  
**Owner:** Williamson County, Texas  
**Job No :** 249101  
**Project:** Animal Shelter Expansion  
1855 SE Inner Loop  
Georgetown, TX 78626

**Re:** Possible Undersized Breakers for AHU's

**Spec. Section:**

**Drawing Number:** E.1-7.01, E.2-7.01

**Other Reference:**

**Question:**

Breakers may be undersized to carry loads of AHU's in the following panels:

- Panel H2
- Panel H1 Sec 2

Please confirm


---

**Answer:**

See revised drawings.

Five (5) revised Electrical drawing sheets are attached:

- E.1-7.01,
- E.2-3.21,
- E.2-7.01,
- E.3-3.23, and
- E.3-7.01

  
Mark Green, P.E.  
Shah Smith & Associates, Inc.  
TX Registration #F-2113  
03/28/2018

John Benham, AIA

Jackson & Ryan Architects

3/28/18

---

Very truly yours,

**VAUGHN CONSTRUCTION**

**Attachments:**

**CC:**

REQUEST FOR INFORMATION

FROM: Schmidt Electric Company, LLC

RFI NO. 001

SEC JOB NO. 988

TO: Thomas Morrill  
Vaughn Construction

INQUIRY DATE 07-Mar-18

DATE NEEDED 14-Mar-18

PROJECT: Williamson Co. Regional Animal Shelter

DRAWING/DETAIL NO.: E.1-7.01/ E.2-7.01 SUBMITTAL NO.

SPEC. REFERENCE:

OTHER:

RFI SUBJECT: Possible undersized breakers for AHU's

Breakers may be undersized to carry loads of AHU's in following : Panel H2 & Panel H1 SEC. 2.

Please verify breaker sizes.

PROPOSED SOLUTION: TIME IMPACT: No COST IMPACT: No

SUBMITTED BY: Donny Hammers TITLE: Project Manager

ARCHITECTS RESPONSE:

PREPARED BY: DATE:

C:\Users\djinks\Documents\117-002-01\_Elec\_Main Building\_R17\_djinks.rvt

3/20/2018 5:30:56 PM

Panel: H2		WILLIAMSON COUNTY				WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER						
Location:	COMMUNITY KITCHEN 126	Volts:	480/277 Wye	Bus Rating:	400A	Feed Through:	EXISTING					
Supply From:	SHA	Phases:	3	MCB:	400A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	EXISTING / 1	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	SITE LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	SIGN	2	EXISTING
EXISTING	3	SITE LIGHTING	20 A	1		500 VA / 500 VA		1	20 A	SIGN	4	EXISTING
EXISTING	5	SITE LIGHTING	20 A	1			500 VA / 500 VA	1	20 A	MAIN BLDG. EXIT LTS.	6	EXISTING
EXISTING	7	BLDG. LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	KENNEL EXIT LTS.	8	EXISTING
EXISTING	9	3KVA XFMR OUTDOOR KENNEL	20 A	2		250 VA / 500 VA		1	30 A	EUH-1	10	EXISTING
-	11	-	--	--			250 VA / 500 VA	1	30 A	EUH-2	12	EXISTING
EXISTING	13	BLDG. LIGHTS	20 A	1	500 VA / 500 VA			1	30 A	EUH-3	14	EXISTING
EXISTING	15	BLDG. LIGHTING	20 A	1		500 VA / 0 VA		3	50 A	SPARE	16	
EXISTING	17	BLDG. LIGHTING	20 A	1			500 VA / 0 VA	--	--	--	18	--
3#10, #10 GND, 1"C	19	AHU-5	25 A	3	5817 VA / 0 VA			--	--	--	20	--
-	21	-	--	--		5817 VA / 0 VA		3	50 A	SPARE	22	--
-	23	-	--	--			5817 VA / 0 VA	--	--	--	24	--
EXISTING	25	CU-2	20 A	3	167 VA / 0 VA			--	--	--	26	--
-	27	-	--	--		167 VA / 0 VA		1	20 A	SPARE	28	--
-	29	-	--	--			167 VA / 0 VA	1	20 A	SPARE	30	--
EXISTING	31	CU-3	20 A	3	167 VA / 0 VA			1	20 A	SPARE	32	--
-	33	-	--	--		167 VA / 0 VA		1	20 A	SPARE	34	--
-	35	-	--	--			167 VA / 0 VA	1	20 A	SPARE	36	--
EXISTING	37	CU-4	20 A	3	167 VA / 0 VA			3	20 A	T2	38	EXISTING
-	39	-	--	--		167 VA / 0 VA		--	--	--	40	--
-	41	-	--	--			167 VA / 0 VA	--	--	--	42	--
					Total Load:	9317 VA	8567 VA					
					Total...	34 A	31 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Motor	17451 VA	100.00%	17451 VA									
Receptacles	9000 VA	100.00%	9000 VA									
				Total Conn. Load:	26451 VA							
				Total Est. Demand:	26451 VA							
				Total Conn. Current:	32 A							
				Total Est. Demand Current:	32 A							

Panel: L2-SECT 1		WILLIAMSON COUNTY				WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER						
Location:	COMMUNITY KITCHEN 126	Volts:	120/208 Wye	Bus Rating:	225A	Feed Through:	EXISTING					
Supply From:	SHA	Phases:	3	MCB:	225A	Sub-Feed:	Yes					
Mounting:	Surface	A.I.C. Rating:	EXISTING / 1	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	IRRIGATION RECEPT	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	REFRIGERATOR	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	COFFEE	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	16	EXISTING
EXISTING	17	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	AHU-3	18	EXISTING
EXISTING	19	VENDING	20 A	1	500 VA / 500 VA			1	20 A	EF-2	20	EXISTING
EXISTING	21	VENDING	20 A	1		500 VA / 540 VA		1	20 A	Receptacles	22	
EXISTING	23	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	EF-1	24	EXISTING
EXISTING	25	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	AHU-2	26	EXISTING
EXISTING	27	RECEPTS	20 A	1		500 VA / 0 VA					28	
EXISTING	29	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	GWH-1	30	EXISTING
EXISTING	31	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	GWH-2	32	EXISTING
EXISTING	33	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	CP-1	34	EXISTING
EXISTING	35	SEC FOR DOOR	20 A	1			500 VA / 500 VA	1	20 A	GRH-1 & 2	36	EXISTING
EXISTING	37	OVERHEAD DOOR	20 A	1	500 VA / 500 VA			1	20 A	EF-4	38	EXISTING
EXISTING	39	COPIER	20 A	1		500 VA / 500 VA		1	20 A	DDC CONTROLS	40	EXISTING
EXISTING	41	LCP-1	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LIGHTS	42	EXISTING
					Total Load:	7000 VA	6540 VA					
					Total...	59 A	55 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Receptacles	20540 VA	74.34%	15270 VA									
				Total Conn. Load:	20540 VA							
				Total Est. Demand:	15270 VA							
				Total Conn. Current:	57 A							
				Total Est. Demand Current:	42 A							

Panel: L2-SECT 2		WILLIAMSON COUNTY				WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER						
Location:	COMMUNITY KITCHEN 126	Volts:	120/208 Wye	Bus Rating:	225A	Feed Through:	EXISTING					
Supply From:	SHA	Phases:	3	MCB:	225A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	EXISTING / 1	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	REFRIGERATOR	20 A	1	500 VA / 0 VA			3	20 A	SPARE	2	
EXISTING	3	COFFEE	20 A	1		500 VA / 0 VA		--	--	--	4	--
EXISTING	5	RECEPTS	20 A	1			500 VA / 0 VA	--	--	--	6	--
EXISTING	7	FIRE ALARM PANEL	20 A	1	500 VA / 0 VA			3	20 A	SPARE	8	--
EXISTING	9	OUTDOOR OUTLET	20 A	1		500 VA / 0 VA		--	--	--	10	--
2#10, #10 GND, 3/4"C	11	SURGICAL LIGHT 103	20 A	1			500 VA / 0 VA	--	--	--	12	--
EXISTING	13	DRYER	20 A	1	500 VA / 167 VA			3	80 A	AHU-4	14	EXISTING
EXISTING	15	DRYER	20 A	1		500 VA / 167 VA		--	--	--	16	--
EXISTING	17	AH-31	40 A	2			250 VA / 167 VA	--	--	--	18	--
-	19	-	--	--	250 VA / 167 VA			3	20 A	GATE POWER	20	EXISTING
2#10, #10 GND, 3/4"C	21	X-RAY 101	20 A	1		180 VA / 167 VA		--	--	--	22	--
2#10, #10 GND, 3/4"C	23	AHU-5 AUX (LTG, RCPT)	20 A	1			500 VA / 167 VA	--	--	--	24	--
-	25	SPARE	20 A	1	0 VA / 500 VA			1	20 A	AIR COMPRESSOR	26	EXISTING
-	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	--
-	29	SPARE	20 A	1			0 VA / 500 VA	1	20 A	FANS	30	EXISTING
-	31	SPARE	20 A	1	0 VA / 250 VA			2	15 A	AC CONDENSOR	32	EXISTING
-	33	SPARE	20 A	1		0 VA / 250 VA		--	--	--	34	--
-	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	--
EXISTING	37	TVSS	30 A	3	167 VA / 0 VA			1	20 A	SPARE	38	--
-	39	-	--	--		167 VA / 0 VA		1	20 A	SPARE	40	--
-	41	-	--	--			167 VA / 0 VA	1	20 A	SPARE	42	--
					Total Load:	3000 VA	2430 VA					
					Total...	25 A	20 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Receptacles	8180 VA	100.00%	8180 VA									
				Total Conn. Load:	8180 VA							
				Total Est. Demand:	8180 VA							
				Total Conn. Current:	23 A							
				Total Est. Demand Current:	23 A							

Date Issued:

09/27/17 ISSUE FOR PERMIT  
 10/18/17 ADDENDUM 01  
 11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW  
 03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**WILLIAMSON COUNTY  
 REGIONAL ANIMAL  
 SHELTER**

1855 SE INNER LOOP  
 GEORGETOWN, TX 78626

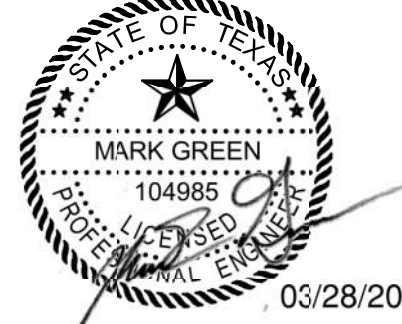
**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
 LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353  
 STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130  
 MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR

**VAUGHN CONSTRUCTION**  
 512-318-1332

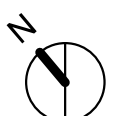
Tx. Registration # F-2113



Sheet Content:

**ELECTRICAL PANELBOARD  
 SCHEDULES**

SCALE:



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**E.1-7.01**

Plot Date: 10/18/2017

**KEYED NOTES - E.2-3.21**

- SHADED AREA NOT IN SCOPE OF POWER RENOVATION.
- PROVIDE POWER TO DRYERS AT 90" AFF IN BULKHEAD. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND EXACT LOCATION. PROVIDE NEMA 16-50R.
- PROVIDE POWER TO WASHING MACHINES. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND LOCATION. PROVIDE NEMA L14-20R.
- FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.

**KEYED NOTES - E.2-3.21**

- PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 50A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- PROVIDE POWER TO MECHANICAL EQUIPMENT AUXILIARIES (LIGHTING, RECEPTACLES, ETC.)
- PROVIDE POWER TO EXHAUST FAN ON ROOF. COORDINATE EXACT LOCATION WITH DIV 23.
- PROVIDE POWER TO COMMERCIAL DISH WASHER.
- REPLACE RECEPTACLE WITH GFCI-PROTECTED RECEPTACLE.
- CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING DISHWASH 212.

**KEYED NOTES - E.2-3.21**

- CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING FOOD PREP 211.
- EXTEND EXISTING CONDUIT FROM KENNEL TELECOM ROOM TO NEW ADOPTIONS TELECOM ROOM.
- CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING ROOM 201.
- PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 40A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- PROVIDE NEMA 3R, 100A/3P/600V RATED DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

**GENERAL NOTES - POWER**

- TELECOM, SECURITY, A/V OUTLETS, ADDITIONAL POWER AND OTHER COMMUNICATIONS SYSTEMS DEVICES ARE BY OWNER. COORDINATE WITH OWNER AND COMMUNICATION SUPPLIER FOR LOCATIONS AND REQUIREMENTS. TELECOM SPECS TO BE PROVIDED BY OWNER UNDER SEPARATE COVER.
- ALL RECEPTACLES ARE MOUNTED 18" UON. VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.
- PROVIDE MOTOR RATED SNAP SWITCH AT ACCESSIBLE ABOVE CEILING LOCATION, SEPARATE BUT ADJACENT TO VV BOXES. SEE MECHANICAL DRAWINGS FOR LOCATION AND QUANTITIES.
- UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.

Date Issued:

09/27/17 ISSUE FOR PERMIT  
 10/18/17 ADDENDUM 01  
 11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW  
 03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**Williamson County  
 Regional Animal Shelter**

1855 SE INNER LOOP  
 GEORGETOWN, TEXAS 78626

**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
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 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332

Tx. Registration # F-2113



Sheet Content

**KENNEL - RENOVATION -  
 POWER PLAN - LEVEL 1**

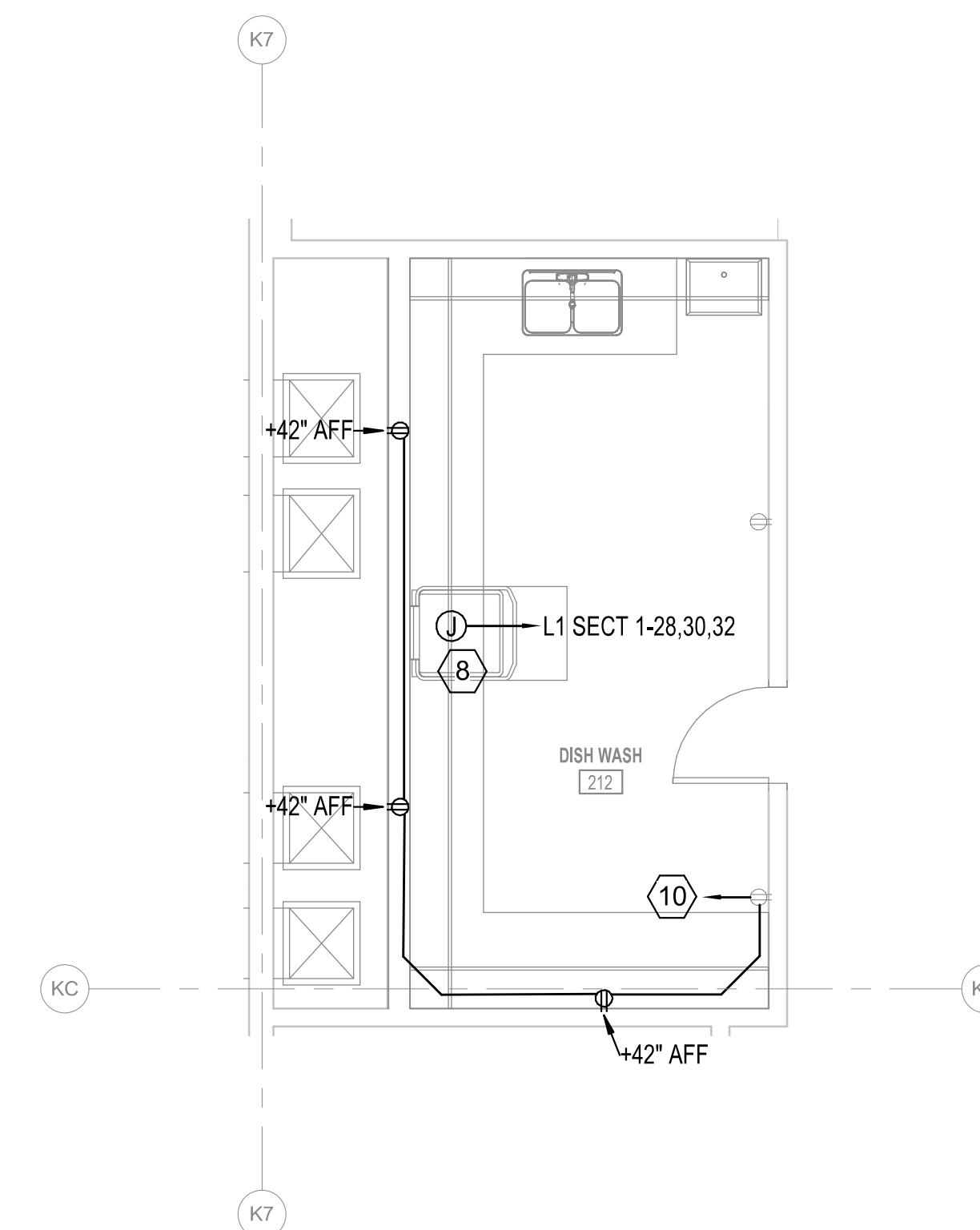
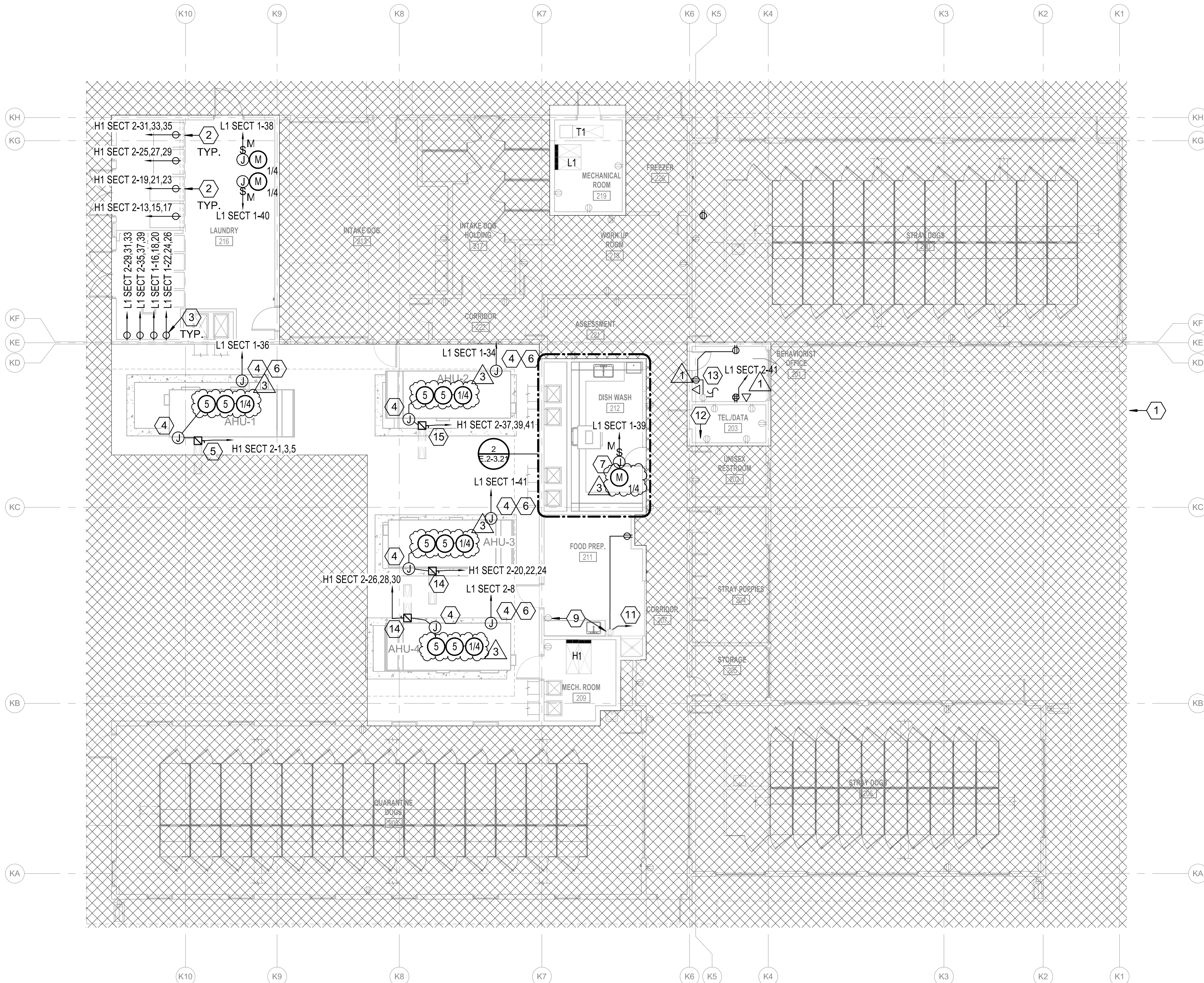
SCALE: As indicated

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**E.2-3.21**

Plot Date: 10/18/2017



**KENNEL - ENLARGED POWER PLAN -  
 RENOVATION - DISH WASH**  
 2 1/4" = 1'-0"



**1 KENNEL - POWER PLAN - RENOVATION**  
 1/8" = 1'-0"

Panel: H1 SECT 1				Williamson County Regional Animal Shelter								
Location: MECH. ROOM 209		Volts: 480/277 Wye		Bus Rating: 400A		Feed Through: EXISTING						
Supply From: SHA		Phases: 3		MCB: 400A		Sub-Feed: Yes						
Mounting: Surface		A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%						
Enclosure: Type 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
MATCH EXISTING	1	LIGHTING HALL AND SALLY PORT	20 A	1	659 VA / 333 VA			3	20 A	CU-6	2	EXISTING
MATCH EXISTING	3	LIGHTING WEST WING	20 A	1		500 VA / 333 VA		--	--	--	4	--
MATCH EXISTING	5	LIGHTING EAST WING	20 A	1			560 VA / 333 VA	--	--	--	6	--
EXISTING	7	VF-1	20 A	3	167 VA / 333 VA			3	20 A	CU-5	8	EXISTING
--	9	--	--	--		167 VA / 333 VA		--	--	--	10	--
--	11	--	--	--			167 VA / 333 VA	--	--	--	12	--
EXISTING	13	VF-2	20 A	3	333 VA / 167 VA			3	20 A	CU-7	14	EXISTING
--	15	--	--	--		333 VA / 167 VA		--	--	--	16	--
--	17	--	--	--			333 VA / 167 VA	--	--	--	18	--
EXISTING	19	VF-3	20 A	3	333 VA / 167 VA			3	20 A	CU-8	20	EXISTING
--	21	--	--	--		333 VA / 167 VA		--	--	--	22	--
--	23	--	--	--			333 VA / 167 VA	--	--	--	24	--
EXISTING	25	EUH-4	30 A	1	1000 VA / 0 VA			1	20 A	SPARE	26	--
EXISTING	27	EUH-5	30 A	1		1000 VA / 0 VA		1	20 A	SPARE	28	--
EXISTING	29	EUH-6	30 A	1			1000 VA / 0 VA	1	20 A	SPARE	30	--
EXISTING	31	EDH-4	20 A	1	1000 VA / 0 VA			1	20 A	SPARE	32	--
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	--
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	--
EXISTING	37	F-1	20 A	3	333 VA / 9041 VA			3	20 A	XFMR T-1	38	EXISTING
--	39	--	--	--		333 VA / 9709 VA		--	--	--	40	--
--	41	--	--	--			333 VA / 8373 VA	--	--	--	42	--
Total Load:		13867 VA	13376 VA	12100 VA								
Total...		51 A	49 A	44 A								
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
LIGHTING		219 VA	125.00%	273 VA								
Motor		2004 VA	100.00%	2004 VA	Total Conn. Load: 39343 VA							
Receptacles		37120 VA	63.47%	23560 VA	Total Est. Demand: 25837 VA							
					Total Conn. Current: 47 A							
					Total Est. Demand Current: 31 A							

Panel: L1 SECT 1				Williamson County Regional Animal Shelter								
Location: MECHANICAL ROOM 219		Volts: 120/208 Wye		Bus Rating: 225A		Feed Through: EXISTING						
Supply From: T1		Phases: 3		MCB: 150A		Sub-Feed: Yes						
Mounting: Surface		A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%						
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		180 VA / 1833 VA		3	20 A	WASHING MACHINE	16	3#10, #10 GND, 1°C
EXISTING	17	RECEPTS	20 A	1			180 VA / 1833 VA	--	--	--	18	--
EXISTING	19	OVERHEAD DOOR	20 A	1	500 VA / 1833 VA			--	--	--	20	--
EXISTING	21	SEC. DOOR	20 A	1		500 VA / 1833 VA		3	20 A	WASHING MACHINE	22	3#10, #10 GND, 1°C
EXISTING	23	SEC. DOOR	20 A	1			500 VA / 1833 VA	--	--	--	24	--
EXISTING	25	GRH-15, 17, 19	20 A	1	500 VA / 1833 VA			--	--	--	26	--
EXISTING	27	GRH-16, 18, 20	20 A	1		500 VA / 167 VA		3	20 A	DISH WASHER	28	3#10, #10 GND, 1°C
EXISTING	29	GRH-21, 23, 25, 27	20 A	1			500 VA / 167 VA	--	--	--	30	--
EXISTING	31	GRH-22, 24, 26, 28	20 A	1	500 VA / 167 VA			--	--	--	32	--
EXISTING	33	GRH-5, 7, 9, 11	20 A	1		500 VA / 500 VA		1	20 A	AHU-2 AUX (LTG, RCPT)	34	2#10, #10 GND, 3/4°C
EXISTING	35	GRH-6, 8, 10, 12, 14	20 A	1			500 VA / 500 VA	1	20 A	AHU-1 AUX (LTG, RCPT)	36	2#10, #10 GND, 3/4°C
EXISTING	37	GRH-3, 4	20 A	1	500 VA / 1168 VA			1	20 A	GWH-1	38	2#10, #10 GND, 3/4°C
EXISTING	39	KH-2-1	15 A	1		1168 VA / 1168 VA		1	20 A	GWH-2	40	2#10, #10 GND, 3/4°C
EXISTING	41	AHU-3 AUX (LTG, RCPT)	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LTG	42	EXISTING
Total Load:		9041 VA	9709 VA	8373 VA								
Total...		76 A	82 A	70 A								
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Motor		2004 VA	100.00%	2004 VA	Total Conn. Load: 27124 VA							
Receptacles		25120 VA	69.90%	17560 VA	Total Est. Demand: 19564 VA							
					Total Conn. Current: 75 A							
					Total Est. Demand Current: 54 A							

Panel: H1 SECT 2				Williamson County Regional Animal Shelter								
Location: MECH. ROOM 209		Volts: 480/277 Wye		Bus Rating: 400A		Feed Through: EXISTING						
Supply From: H1 SECT 1		Phases: 3		MCB: 400A		Sub-Feed: No						
Mounting: Surface		A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%						
Enclosure: Type 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
3#8, #10 GND, 3/4°C	1	AHU-1	50 A	3	12659 VA / 167 VA			3	20 A	EDH-1	2	EXISTING
--	3	--	--	--		12659 VA / 167 VA		--	--	--	4	--
--	5	--	--	--			12659 VA / 167 VA	--	--	--	6	--
EXISTING	7	F-3	20 A	3	167 VA / 167 VA			3	20 A	EDH-2	8	EXISTING
--	9	--	--	--		167 VA / 167 VA		--	--	--	10	--
--	11	--	--	--			167 VA / 167 VA	--	--	--	12	--
3#10, #10GND, 1°C	13	DRYER	50 A	3	10000 VA / 167 VA			3	20 A	EDH-3	14	EXISTING
--	15	--	--	--		10000 VA / 167 VA		--	--	--	16	--
--	17	--	--	--			10000 VA / 167 VA	--	--	--	18	--
3#10, #10GND, 1°C	19	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-3	20	3#8, #10GND, 3/4°C
--	21	--	--	--		10000 VA / 9224 VA		--	--	--	22	--
--	23	--	--	--			10000 VA / 9224 VA	--	--	--	24	--
3#10, #10GND, 1°C	25	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-4	26	3#8, #10GND, 3/4°C
--	27	--	--	--		10000 VA / 9224 VA		--	--	--	28	--
--	29	--	--	--			10000 VA / 9224 VA	--	--	--	30	--
3#10, #10GND, 1°C	31	DRYER	50 A	3	10000 VA / 0 VA			1	20 A	SPARE	32	--
--	33	--	--	--		10000 VA / 0 VA		1	20 A	SPARE	34	--
--	35	--	--	--			10000 VA / 0 VA	1	20 A	SPARE	36	--
3#4, #8 GND, 1°C	37	AHU-2	70 A	3	16398 VA / 0 VA			1	20 A	SPARE	38	--
--	39	--	--	--		16398 VA / 0 VA		1	20 A	SPARE	40	--
--	41	--	--	--			16398 VA / 0 VA	1	20 A	SPARE	42	--
Total Load:		88172 VA	88172 VA	88172 VA								
Total...		318 A	318 A	318 A								
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Motor		142516 VA	100.00%	142516 VA	Total Conn. Load: 264516 VA							
Receptacles		122000 VA	54.10%	66000 VA	Total Est. Demand: 208516 VA							
					Total Conn. Current: 318 A							
					Total Est. Demand Current: 251 A							

Panel: L1 SECT 2				Williamson County Regional Animal Shelter								
Location: MECHANICAL ROOM 219		Volts: 120/208 Wye		Bus Rating: 225A		Feed Through: EXISTING						
Supply From: L1 SECT 1		Phases: 3		MCB: 150A		Sub-Feed: No						
Mounting: Surface		A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%						
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	EVC-1 CONTROL	20 A	1	500 VA / 0 VA			3	15 A	SPARE	2	--
EXISTING	3	EVC-2 CONTROL	20 A	1		500 VA / 0 VA		--	--	--	4	--
EXISTING	5	EVC-3 CONTROL	20 A	1			500 VA / 0 VA	--	--	--	6	--
EXISTING	7	GHW	20 A	1	500 VA / 500 VA			1	20 A	AHU-4 AUX (LTG, RCPT)	8	2#10, #10 GND, 3/4°C
EXISTING	9	CP	20 A	1		500 VA / 500 VA		1	20 A	EVC-2	10	EXISTING
EXISTING	11	DDC CONTROLS	20 A	1			500 VA / 500 VA	1	20 A	EVC-3	12	EXISTING
EXISTING	13	DDC CONTROLS	20 A	1	500 VA / 500 VA			1	20 A	OVERHEAD DOOR	14	EXISTING
EXISTING	15	FREEZER CONDENSOR	30 A	3		167 VA / 500 VA		1	20 A	OVERHEAD DOOR	16	EXISTING
--	17	--	--	--			167 VA / 500 VA	1	20 A	OVERHEAD DOOR	18	EXISTING
--	19	--	--	--		167 VA / 500 VA		1	20 A	HEAT TRACE	20	EXISTING
EXISTING	21	FREEZER EVAP	30 A	3		167 VA / 500 VA		1	20 A	HEAT TRACE	22	EXISTING
--	23	--	--	--			167 VA / 500 VA	1	20 A	HEAT TRACE	24	EXISTING
--	25	--	--	--		167 VA / 0 VA		1	20 A	SPARE	26	--
EXISTING	27	FIRE ALARM PANEL	20 A	1		500 VA / 0 VA		1	20 A	SPARE	28	--
3#10, #10GND, 1°C	29	WASHER	20 A	3			1833 VA / 0 VA	1	20 A	SPARE	30	--
--	31	--	--	--		1833 VA / 167 VA		3	30 A	AIR COMPRESSOR	32	EXISTING
--	33	--	--	--			1833 VA / 167 VA	--	--	--	34	--
3#10, #10GND, 1°C	35	WASHER	20 A	3								

**KEYED NOTES - E.3-3.23**

- 1 PROVIDE 208V/1P POWER TO CONDENSING UNIT. INDOOR UNIT IS POWERED VIA OUTDOOR UNIT. PROVIDE ALL CONTROLS AND POWER CONDUIT/CONDUCTORS AS REQUIRED BETWEEN UNITS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
- 2 FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.
- 3 PROVIDE NEMA 3R, 100A/3P/600V RATED STARTER/DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 4 INSTALL STARTER/DISCONNECT FURNISHED BY DIV 23. COORDINATE LOCATION WITH DIV 23.

**KEYED NOTES - E.3-3.23**

- 5 PROVIDE NEMA 3R, 30A/3P/240V RATED STARTER/DISCONNECT FUSED AT 15A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 6 PROVIDE GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVERS MOUNTED TO SAME FRAME AS DISCONNECT.
- 7 PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 60A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 8 PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 45A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

**GENERAL NOTES - LIGHTNING PROTECTION**

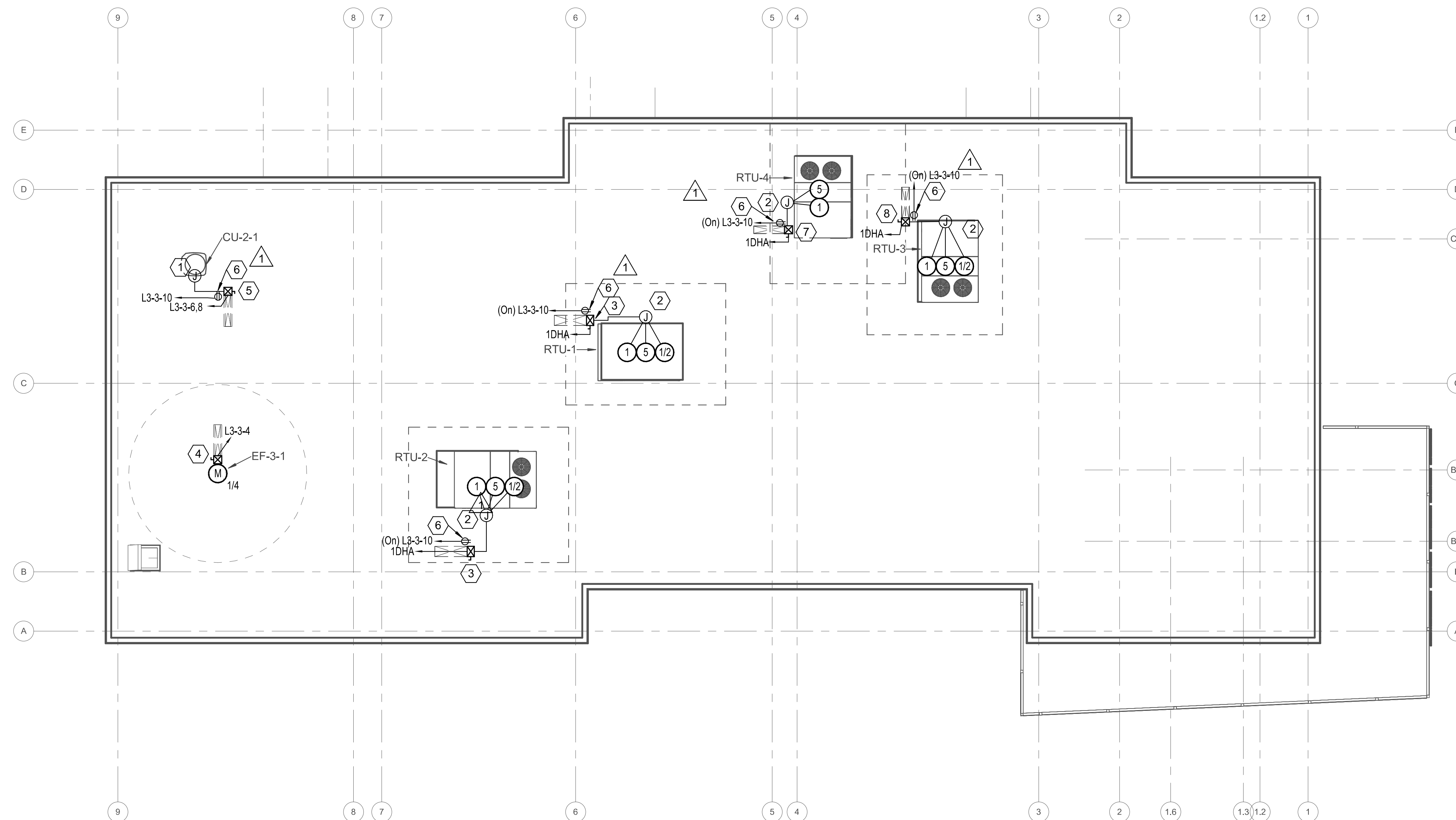
- A. COORDINATE WITH GROUNDING PLAN ON MEP1.0.
- B. REFER TO LIGHTNING PROTECTION DETAILS ON SHEET E-604. COORDINATE ELECTRICAL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.
- C. INSTALLATION SHALL COMPLY IN ALL ASPECTS TO L.P.I. CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER SUPERVISION OF AN L.P.I. CERTIFIED MASTER INSTALLER. UPON COMPLETION, THE L.P.I. CERTIFICATE WILL BE OBTAINED.
- D. COMPLETE DESIGN DRAWINGS SHOWING TYPE, SIZE, AND LOCATION OF ALL GROUNDING DOWN CONDUCTORS, THROUGH ROOF/THROUGH WALL ASSEMBLIES, ROOF CONDUCTORS, AIR TERMINALS, AND PANEL MOUNTED SURGE PROTECTION DEVICES (SPD) SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL.
- E. BOND METAL BODIES ON ROOF THAT ARE OUTSIDE THE ZONE OF PROTECTION THAT ARE SUBJECT TO A DIRECT LIGHTNING STRIKE OR WHICH EXCEED HEIGHT OF ADJACENT AIR TERMINALS WITH MAIN SIZE CONDUCTOR CABLE. TYPICAL METAL BODIES INCLUDE, BUT ARE NOT LIMITED TO, EXHAUST FANS, VENTS, HANDRAILS, ROOFTOP UNITS, LADDERS, AND ANTENNAS.

**GENERAL NOTES - POWER - ROOF**

- A. RECEPTACLES ARE TO BE GFCI-RATED, WITH WEATHERPROOF-WHILE-IN-USE COVER AND MOUNTED AT +18". VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- B. LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.
- C. UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.

Date Issued:

09/27/17 ISSUE FOR PERMIT  
 10/18/17 ADDENDUM 01  
 11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW  
 03/21/18 RFI-030



GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**Williamson County  
Regional Animal Shelter**

1855 SE INNER LOOP  
 GEORGETOWN, TEXAS 78626

**JACKSON & RYAN ARCHITECTS**  
 2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER  
 DAVCAR ENGINEERING  
 512-328-4428  
 LANDSCAPE ARCHITECT  
 GARCIA DESIGN  
 512-892-0353  
 STRUCTURAL ENGINEER  
 MATRIX STRUCTURAL ENGINEERS  
 713-664-0130  
 MECHANICAL, ELECTRICAL & PLUMBING ENGINEER  
 SHAH SMITH & ASSOCIATES, INC.  
 512-851-0404

GENERAL CONTRACTOR  
**VAUGHN CONSTRUCTION**  
 512-318-1332

Tx. Registration # F-2113



Sheet Content:

**NEW ADOPTIONS - POWER  
PLAN - ROOF**

SCALE: As indicated

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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

**E.3-3.23**

Plot Date: 10/18/2017



Panel: L3-1		Williamson County				Williamson County Regional Animal Shelter						
Location:	ELECTRICAL 318	Volts:	120/208 Wye	Bus Rating:	100A	Feed Through:						
Supply From:	1DLA	Phases:	3	MCB:	100A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	10,000	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12 GND, 3/4"	1	EXTERIOR WP RCPT SW WALL	20 A	1	720 VA / 1168 VA			1	15 A	GWH-1	2	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	3	EXTERIOR WP RCPT N WALL	20 A	1		540 VA / 1168 VA		1	15 A	HWC-1	4	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	5	RCPT RM 321	20 A	1			1080 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	6	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	7	GFCI RCPT RM 311	20 A	1	180 VA / 90 VA			--	--	--	8	--
2#12, #12 GND, 3/4"	9	RCPT RM 315	20 A	1		900 VA / 90 VA		2	30 A	WASHDOWN EQUIPMENT	10	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	11	GFCI RCPT RM 310	20 A	1			360 VA / 90 VA	--	--	--	12	--
2#12, #12 GND, 3/4"	13	RCPT RM 314	20 A	1	900 VA / 90 VA			2	30 A	WASHDOWN EQUIPMENT	14	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	15	RCPT RM 314	20 A	1		720 VA / 90 VA		--	--	--	16	--
2#12, #12 GND, 3/4"	17	EXTERIOR WP RCPT S WALL	20 A	1			900 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	18	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	19	RCPT RM 303	20 A	1	1080 VA / 90 VA			--	--	--	20	--
2#12, #12 GND, 3/4"	21	GFCI RCPT RM 301	20 A	1		360 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	22	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	23	RCPT ELECTRIC RM 318	20 A	1			360 VA / 180 VA	1	20 A	WASHDOWN EQUIPMENT	24	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	25	RCPTS: PLUMBING ROOM 312	20 A	1	360 VA / 180 VA			1	20 A	WASHDOWN EQUIPMENT	26	2#10, #10 GND, 3/4"
2#10, #10 GND, 3/4"	27	LCP-2	20 A	1		50 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	28	2#10, #10 GND, 3/4"
2#10, #10 GND, 3/4"	29	ELEV SHUNT TRIP	20 A	1			50 VA / 0 VA	1	20 A	SPARE	30	
2#10, #10 GND, 3/4"	31	ESP-1	20 A	2	564 VA / 0 VA			1	20 A	SPARE	32	
--	33	--	--	--		564 VA / 0 VA		1	20 A	SPARE	34	
2#10, #10 GND, 3/4"	35	RCPT PUMP ROOM	20 A	1			360 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	40	
	41	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	42	
Total Load:					5422 VA	4842 VA	3560 VA					
Total...					47 A	42 A	30 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Motor	2463 VA	100.00%	2463 VA									
NON-CONTINUOUS	100 VA	100.00%	100 VA	Total Conn. Load: 13823 VA								
Receptacles	11260 VA	94.40%	10630 VA	Total Est. Demand: 13193 VA								
				Total Conn. Current: 38 A								
				Total Est. Demand Current: 37 A								

Panel: L3-2		Williamson County				Williamson County Regional Animal Shelter						
Location:	ELECTRICAL 318	Volts:	120/208 Wye	Bus Rating:	100A	Feed Through:						
Supply From:	1DLA	Phases:	3	MCB:	100A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	10,000	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
Total Load:					0 VA	0 VA	0 VA					
Total...					0 A	0 A	0 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
				Total Conn. Load: 0 VA								
				Total Est. Demand: 0 VA								
				Total Conn. Current: 0 A								
				Total Est. Demand Current: 0 A								

Panel: L3-3		Williamson County				Williamson County Regional Animal Shelter						
Location:	ELECTRICAL 318	Volts:	120/208 Wye	Bus Rating:	100A	Feed Through:						
Supply From:	1DLA	Phases:	3	MCB:	100A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	10,000	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12 GND, 3/4"	1	RCPT CORRIDOR 424	20 A	1	900 VA / 100 VA			1	20 A	1DHA SHUNT TRIP	2	2#12, #12 GND, 3/4"
2#12, #12 GND, 3/4"	3	EDF CORRIDOR 424	20 A	1		650 VA / 668 VA		1	15 A	EF-1	4	2#12, #12 GND, 3/4"
2#12, #12 GND, 3/4"	5	EXTERIOR WP GFCI RCPT S & W WALL	20 A	1			180 VA / 650 VA	2	15 A	RCU/CU-2-1	6	2#10, #10 GND, 3/4"
2#10, #10 GND, 3/4"	7	LS-30R IT CLOSET 421	30 A	2	90 VA / 650 VA			--	--	--	8	--
--	9	--	--	--		90 VA / 900 VA		1	20 A	ROOF GFCI RCPTS	10	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	11	QUAD RCPT IT CLOSET 421	20 A	1			180 VA / 500 VA	1	20 A	CEILING FAN	12	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	13	QUAD RCPT IT CLOSET 421	20 A	1	180 VA / 180 VA			1	20 A	DEDICATED CIRCUIT	14	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	15	GFCI RCPT RR 423	20 A	1		360 VA / 180 VA		1	20 A	REFRIGERATOR	16	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	17	RCPT FACILITIES 425	20 A	1			360 VA / 180 VA	1	20 A	COPY MACHINE	18	2#10, #10 GND, 3/4"
2#12, #12 GND, 3/4"	19	RCPT ADMIN 419	20 A	1	1260 VA / 0 VA			1	20 A	SPARE	20	
2#12, #12 GND, 3/4"	21	QUAD RCPT OFFICE 420	20 A	1		180 VA / 0 VA		1	20 A	SPARE	22	
2#12, #12 GND, 3/4"	23	RCPT OFFICE 420	20 A	1			1080 VA / 0 VA	1	20 A	SPARE	24	
2#12, #12 GND, 3/4"	25	RCPT CONFERENCE 418	20 A	1	900 VA / 0 VA			1	20 A	SPARE	26	
2#12, #12 GND, 3/4"	27	RCPT ADMIN 416	20 A	1		900 VA / 0 VA		1	20 A	SPARE	28	
2#12, #12 GND, 3/4"	29	GFCI RCPT ADMIN 417	20 A	1			720 VA / 0 VA	1	20 A	SPARE	30	
2#12, #12 GND, 3/4"	31	GFCI RCPT WORK RM 410	20 A	1	540 VA / 0 VA			1	20 A	SPARE	32	
2#12, #12 GND, 3/4"	33	RCPT COLONY 413	20 A	1		1080 VA / 0 VA		1	20 A	SPARE	34	
2#12, #12 GND, 3/4"	35	RCPT ADOPTION 409	20 A	1			720 VA / 0 VA	1	20 A	SPARE	36	
2#12, #12 GND, 3/4"	37	RCPT FOYER	20 A	1	1080 VA / 0 VA			1	20 A	SPARE	38	
2#12, #12 GND, 3/4"	39	CASEWORK POWER FOYER	20 A	1		1000 VA / 0 VA		1	20 A	SPARE	40	
2#12, #12 GND, 3/4"	41	CASEWORK POWER FOYER	20 A	1			1500 VA / 0 VA	1	20 A	SPARE	42	
Total Load:					5880 VA	6008 VA	6070 VA					
Total...					49 A	50 A	51 A					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals								
HVAC	1000 VA	100.00%	1000 VA									
Motor	2468 VA	100.00%	2468 VA	Total Conn. Load: 17858 VA								
Receptacles	14390 VA	84.75%	12195 VA	Total Est. Demand: 15663 VA								
				Total Conn. Current: 50 A								
				Total Est. Demand Current: 43 A								

Panel: L3-4		Williamson County				Williamson County Regional Animal Shelter						
Location:	ELECTRICAL 318	Volts:	120/208 Wye	Bus Rating:	100A	Feed Through:						
Supply From:	1DLA	Phases:	3	MCB:	100A	Sub-Feed:	No					
Mounting:	Surface	A.I.C. Rating:	10,000	MLO:	No	Neutral Rating:	100.00%					
Enclosure:	NEMA 1											
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1				



18551 SE Inner Loop  
Georgetown, TX  
78626

T: (210) 328-0193

May 15, 2018

Dale Butler  
Williamson County  
710 Main Street  
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0017

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per ASI 002 for the above referenced project.

Our price is valid for Thirty (30) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:

**FORM B**

**PROJECT: Animal Shelter Expansion**

**CHANGE PROPOSAL NO: 249101-0017**

**QUOTATION :**

<b>Item</b>	<b>Labor</b>	<b>Materials</b>	<b>Subs</b>	<b>Total</b>
Adding Disconnects, Fuses and Unistrut Per ASI 002	\$0.00	\$0.00	\$4,752.00	\$4,752.00
Subcontractor Default Insurance	\$0.00	\$59.00	\$0.00	\$59.00
CM Fee	\$0.00	\$164.00	\$0.00	\$164.00
To Be Funded By Owners Contingency	\$0.00	\$(4,975.00)	\$0.00	\$(4,975.00)

<b>Totals</b>	\$0.00	\$(4,752.00)	\$4,752.00	\$0.00
	<b>Insurance, Tax, Benefits on Labor</b>			\$0.00
	<b>Overhead</b>			\$0.00
	<b>Fee on Subs</b>			\$0.00
	<b>Fee on JTV</b>			\$0.00
	<b>Bond</b>			\$0.00
	<b>Remodel Tax</b>			\$0.00
	<b>TOTAL</b>			<b>\$0.00</b>

**TIME EXTENSION TO CONTRACT:** 0 Days

**Submitted Date:** 5/15/2018

**Accepted**

**By:** \_\_\_\_\_

**Date** \_\_\_\_\_

**VAUGHN CONSTRUCTION**

**By:**   
\_\_\_\_\_  
**Thomas Morrill**

**Proposal Valid for 30 Days**



**PRICE ONLY PROPOSAL**

Date: 4-26-18

To: Jay McGilton  
Vaughn Construction  
C# 512.820.2308

Project Name: Williamson Co. Regional Animal Shelter  
Project Number: 249101-0007  
SEC Project Number: 988

Description of Work: PCO #3 (ASI 002)

**Scope:**

Provide labor and material for the following:  
Add Disconnects, Fuses & uni-strut per ASI 002

Cost: \$4,752.00

**Exclusions and Clarifications:**

- i. All work will be performed utilizing union labor during normal business hours.
- ii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iii. Excludes any cutting, patching and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,



Donny Hammers  
Project Manager  
PCO #3 - Rev #0

# CHANGE NOTICE

**Schmidt Electric Company, Inc.**  
 9701 FM 1625  
 Austin, TX 78747

**CCN #** 3  
**Date:** 4/26/2018  
**Project Name:** WILCO RAS  
**Project Number:** WILCO RAS  
**Page Number:** 1

Client Address:

---

### Itemized Breakdown

---

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOT GALV	40	583.12 C	233.25
30A 250V DSN SW FUSIBLE - NEMA 3R	1	373.50 E	373.50
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
45A FUSE 600V ONE TIME	1	31.43 E	31.43
60A FUSE 600V ONE TIME	1	24.91 E	24.91
70A FUSE 600V ONE TIME	1	66.20 E	66.20
<b>Totals</b>	<b>47</b>		<b>3,146.24</b>

---

### Summary

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General Materials	3,146.24
<b>Total Material</b>	<b>3,146.24</b>
AF ST (520) (3.00 Hrs @ \$48.59)	145.77
JW ST (520) (23.00 Hrs @ \$41.34)	950.82
PROJECT MANAGER (1.00 Hrs @ \$76.97)	76.97
<b>Subtotal</b>	<b>4,319.80</b>
Overhead (@ 10.000 %)	431.98
<b>Subtotal</b>	<b>4,751.78</b>
Final Adjustment	0.22
<b>Final Amount</b>	<b>\$4,752.00</b>

---

### CLIENT ACCEPTANCE

<b>CCN #: 3</b>	_____
<b>Final Amount: \$4,752.00</b>	_____
<b>Name:</b>	_____
<b>Date:</b>	_____
<b>Signature:</b>	_____
<b>Change Order #:</b>	_____
I hereby accept this quotation and authorize the contractor to complete the above described work.	

**ORIGINAL**