

150 E. GAY STREET, 24<sup>™</sup> FLOOR COLUMBUS, OH 43215-3192 TELEPHONE: (614) 744-2570 FACSIMILE: (844) 670-6009 http://www.dickinsonwright.com

WILLIAM V. VORYS WVorys@dickinsonwright.com (614) 744-2936

May 10, 2018

Ms. Barcy F. McNeal, Secretary Ohio Power Siting Board Docketing Division 180 East Broad Street, 11<sup>th</sup> Floor Columbus, OH 43215

#### Re: Case No. 13-197-EL-BGN, 16-1687-EL-BGA, and 17-1099-EL-BGA Trishe Wind Ohio, LLC Notification of Compliance with Condition 9 of the Supplement—State/Federal Permits

Dear Ms. McNeal:

Trishe Wind Ohio, LLC ("Applicant") is certified to construct a wind-powered electric generation facility in Paulding County, Ohio, in accordance with the December 16, 2013 Opinion, Order, and Certificate issued by the Ohio Power Siting Board ("OPSB"). The Certificate is subject to the 40 conditions set forth in the December 16, 2013 Order, as well as the 26 conditions set forth in the October 1, 2013 Supplement to the original application ("Supplement").

Condition 9 of the Supplement requires the Applicant to obtain and comply with any permits or authorizations required by federal or state laws and regulations. The Applicant is providing this letter to notify the OPSB that the Applicant is submitting final approvals from the Ohio Department of Commerce relating to its building permit, each of which is attached hereto. In addition, the Applicant is submitting its executed Ohio Department of Transportation Special Hauling Permit, which is also attached hereto.

We are available, at your convenience, to answer any questions you may have.

Respectfully submitted,

/s/ William V. Vorys William V. Vorys (0093479) Christine M.T. Pirik (0029759) Terrence O'Donnell (0074213) Dickinson Wright PLLC 150 East Gay Street, Suite 2400 Columbus, Ohio 43215 Phone: (614) 591-5461 Email: wvorys@dickinsonwright.com cpirik@dickinsonwright.com todonnell@dickinsonwright.com Attorneys for Trishe Wind Ohio, LLC

Enclosure COLUMBUS 73809-1 89228v1



#### Ohio Department of Commerce Division of Industrial Compliance

John R. Kasich Governor

Jacqueline T. Williams Director

#### **Certificate of Final Plan Approval**

Geoffrey D. Eaton Chief Building Official

<b>Plan Number:</b> 2018020527	Property Address: 11874 SR 144 HAVILAND OH 45851		County: PAULDING					
<b>Date of Approval:</b> 04/20/2018	Type of Project: New Building	Governing Buil OBC 2017	lding Code:					
Building / Business Name: NWOWF O&M BUILDING	Description of the Project: This is just for the footings and foundate building will be submit	ations plan review a	and approval, full					
Property Owner: STARWOOD ENERGY GROUP GLOBAL LLC ALEX DABERKO 5 GREENWICH OFFICE PARK Floor 2ND GREENWICH CT 06831	Submitter: PHILLIP GARNER 33126 MAGNOLIA CIR Suite 200 MAGNOLIA TN 77354	Design Profess TOD HENNING 1225 N LOOP W HOUSTON TX 7	/ Suite 800					
Approved Scope of Project: General Building Trade Mechanical Electrical	Authorized No. of Inspections: 6 6 6	Use Occupancy B S-1 Construction Type V B Number of Stor	ype: ies:					
		Building Occup 50	pant Load:					

The list of required inspections is specified in section 108 OBC. The owner or the owner's authorized agent is responsible for requesting applicable inspections accordingly. This certificate shall remain posted in a conspicuous and safe place on the job site until the work is completed. Failure to meet these requirements may result in the refusal of service and/or the issuance of an adjudication order. The building/structure shall pass final inspection and a State of Ohio Certificate of Use and Occupancy shall be issued before the building/structure can be legally occupied. The owner is responsible for obtaining all local zoning and sewage permits. In order to schedule an inspection, contact the numbers listed on the bottom of this certificate between the hours of 8:15 am and 2:30 pm.

Structural / Electrical / Plumbing 1-800-822-3208	State Fire Marshal	All Other Inquiries 1-800-523-3581	
8:15 am to 2:30 pm	614-728-5460	8:00 am to 5:00 pm	

State Inspector's Signature for Occupancy:

**Building Official Signature:** 

Final Structural Approval:		Date:
Final Electrical Approval:		Date:
Final Plumbing Approval:		Date:
Final Fire Approval:	·	Date:

Ohio Department of Commerce Division of Industrial Compliance 6606 Tussing Road, PO Box 4009 Reynoldsburg, OH 43068-9009 U.S.A. (614) 644-2622 Fax: (614) 644-3145



#### Ohio Department of Commerce Division of Industrial Compliance

John R. Kasich Governor

Jacqueline T. Williams Director

#### Certificate of Partial Plan Approval 1

Geoffrey D. Eaton Chief Building Official

Plan Number:	Property Address:		County:					
2018020527	11874 SR 144 HAVILAND OH 45851		PAULDING					
Date of Approval:	Type of Project:	Governing Buil	ding Code:					
03/21/2018	Alteration	OBC 2017						
Building / Business Name:	Description of the Project:							
NWOWF O&M BUILDING	This is just for the footings and foundat building will be submit	tions plan review a	and approval, full					
Property Owner: STARWOOD ENERGY GROUP	Submitter:	Design Profess	ional:					
GLOBAL LLC	PHILLIP GARNER	TOD HENNING	٦					
GREG CANTWELL	33126 MAGNOLIA CIR Suite 200	1225 N LOOP W Suite 800						
5 GREENWICH OFFICE PARK	MAGNOLIA TN 77354	HOUSTON TX 7708						
Floor 2ND								
GREENWICH CT 06831								
Approved Scope of Project:	Authorized No. of Inspections:	Use Occupancy Groups: B S-1						
General Building Trade	6	Construction Ty	/pe:					
		Type V B	MILLO MILLO					
			¢.					
		Number of Stor	ies:					
		1						
		Building Occupant Load: 50						

The list of required inspections is specified in section 108 OBC. The owner or the owner's authorized agent is responsible for requesting applicable inspections accordingly. This certificate shall remain posted in a conspicuous and safe place on the job site until the work is completed. Failure to meet these requirements may result in the refusal of service and/or the issuance of an adjudication order. The building/structure shall pass final inspection and a State of Ohio Certificate of Use and Occupancy shall be issued before the building/structure can be legally occupied. The owner is responsible for obtaining all local zoning and sewage permits. In order to schedule an inspection, contact the numbers listed on the bottom of this certificate between the hours of 8:15 am and 2:30 pm.

Structural / Electrical / Plumbing 1-800-822-3208	State Fire Marshal	All Other Inquiries 1-800-523-3581
8:15 am to 2:30 pm	614-728-5460	8:00 am to 5:00 pm

#### State Inspector's Signature for Occupancy:

**Building Official Signature:** 

Final Structural Approval:	Date:
Final Electrical Approval:	Date:
Final Plumbing Approval:	Date:
Final Fire Approval	Date:

and Silater.

Ohio Department of Commerce Division of Industrial Compliance 6606 Tussing Road, PO Box 4009 Reynoldsburg, OH 43068-9009 U.S.A. (614) 644-2622 Fax: (614) 644-3145

#### CPA # 2018020527 - April 20, 2018



#### Department of Commerce

Division of Industrial Compliance

John R. Kasich, Governor Jacqueline T. Williams, Director

03/21/2018

STARWOOD ENERGY GROUP GLOBAL LLC GREG CANTWELL 5 GREENWICH OFFICE PARK Floor 2ND GREENWICH CT 06831

#### **CORRECTION LETTER NO. 1**

 Project Number:
 2018020527

 Response Deadline:
 09/17/2018

The plans for the project referenced below have been reviewed and were found to be incomplete and/or to contain violations of the Ohio Building Code (OBC). As a result, your plans cannot be approved at this time.

This notice serves as a Correction Letter to inform you of what information is needed to get your plans approved. Pursuant to OBC section 110, you have the right to appeal any of the items listed below. You may contact the Chief Building Official to obtain a formal Adjudication Order that will provide the procedures to request an appeal hearing. In accordance with OBC section 107.6, if corrected documents have not been submitted within 6 months of the date of this letter, or the owner has not exercised the right to appeal, an adjudication order will be issued in accordance with section 109 OBC.

The plans affected by this notice are known or described as:

NWOWF O&M BUILDING 11874 SR 144 HAVILAND OH 45851

Your plans cannot be approved until all of the information specified below is submitted and reviewed:

#### **1. ENERGY ANALYSIS**

Submit documentation showing the building has been designed in accordance with the applicable provisions of the 'International Energy Conservation Code' or the requirements of 'ASHRAE 90.1' listed in Chapter 35 of this code; Section 1301.1 OBC.

CPA # 2018020527 - April 20, 2018

Bureau of Building Code Compliance 6606 Tussing Road PO Box 4009 Reynoldsburg, OH 43068-9009 U.S.A. 614 | 644 - 2622 Fax 614 | 644 - 3145 TTY/TDD 800 | 750 - 0750 www.com.ohio.gov

An Equal Opportunity Employer and Service Provider



Department of Commerce

Division of Industrial Compliance

John R. Kasich, Governor Jacqueline T. Williams, Director

# 2. Submit the special inspection requirement requested in the partial plan approval; Chapter 17 OBC.

# 3. Submit oil storage building and fence under separate permits; Sections 101.2, 106.1.1, 311.2, and 312.1 OBC.

4. Submit the rest of the construction documents including mechanical, electrical, and plumbing; Section 106.1.1 OBC.

In order to minimize the time it takes to review revised plans, circle the area of changes on the revised drawings with a red pencil. Mark the item number referenced above adjacent to the circled area. This needs only to be done on one set of the revised plans. Three identical sets of revised plans (five sets when drawings include plumbing) must be submitted. Submit revised plans to the address specified above. However, if the plans were submitted electronically through our website the first time, any subsequent submission of revised plans and/or response letters should also be submitted electronically through our website. Please log onto our website for further instructions.

If there are any questions, you may call your Plan Examiner by phone (614) 644-2622 to discuss or to make an appointment to meet with your Plan Examiner. If you wish to appeal any of the items contained in this letter, please contact Geoffrey D. Eaton, Chief Building Official at 614-644-2622 and a formal Adjudication order will be issued immediately. The Adjudication Order will provide the procedures you will need to request a hearing with the Board of Building Appeals.

Sincerely,

Jeffrey Lasko,

Plans Examiner

Bureau of Building Code Compliance 6606 Tussing Road PO Box 4009 Reynoldsburg, OH 43068-9009 U.S.A. 614 | 644 - 2622 Fax 614 | 644 - 3145 TTY/TDD 800 | 750 - 0750 www.com.ohio.gov

An Equal Opportunity Employer and Service Provider

# CPA # 2018020527 - April 20, 2018



# Site Inspection Sign-Off Log

Special Note: This inspection log must be kept on site with the approved plans at all times. Additional inspection fees will be charged when the actual number of inspections exceeds the number allowed for each scope of work.

Certificate of Plan Approval (CPA) Number: 2018020527

Scope of Bu	ilding General	Total num	6		
#	Inspected Item	Date	Inspector signature	Inspection	esults
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					



### Site Inspection Sign-Off Log

Special Note: This inspection log must be kept on site with the approved plans at all times. Additional inspection fees will be charged when the actual number of inspections exceeds the number allowed for each scope of work.

Certificate of Plan Approval (CPA) Number: 2018020527

Scope of V	vork: Mechanical	Total num	6		
#	Inspected Item	Date	Inspector signature	esults	
1					
2					
3					
4					
5					
6					
7					
8					
9				-	
10					
11					
12					



## Site Inspection Sign-Off Log

Special Note: This inspection log must be kept on site with the approved plans at all times. Additional inspection fees will be charged when the actual number of inspections exceeds the number allowed for each scope of work.

Certificate of Plan Approval (CPA) Number: 2018020527

Scope of W	Electrical	Total num	6		
#	Inspected Item	Date	Inspector signature	Inspection 1	esults
1					
2					
3					
4					
5					
6					
7					
8				L	
9					
10					
11					
12					

IEA WHITE HAVILAND - O&M XX PAULDING CO, OHIO	
PROJECT INFORMATION           Scope of work         Scope of work           Inference of the prevent o	

# GENERAL NOTES

- THE CONTRACTOR, IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THESE CONTRACT DOCUMENTS, SHALL PROVIDE ALL MATE 2
- соделяют слова мар ранутеляют теспляти, ли колика зили, ще перековала на состо кончилиля и манети, как нових яки, ще солае те статителено для и технора и те с сост, чиващита. На с коликастоя на во зацестиристор каки, солае на рак и сли и технитах констеплия. N N
  - LLATION OF ALL WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CALL FOR LOCAL INSPECTIONS
  - FROM CITY INSPECTORS. MATERIAL TESTING BY THIRD PARTY AND PAID FOR BY DWNER.

21 8 LAMAR 51, 51E 200 HOUSTON, TEXES 77003 (513) 842 - 7500

ИОЗЛАИОД ИЯИВХАЯ

- 4
- ø
- Suscentry Level and School Constraints and an on nonces.
   Suscentry Level and School Constraints and an on nonces.
   Suscentry Level and School Constraints and an one constraints and an one constraints and an another sector constraints and use and an another sector and an ġ
  - Ň

A.L.

- coarrest: And the contractionate source full assemblants. B. Donot Scuel Bearinesis, source full coarrest are source full assemblants on the index source are source as a source assemblants and and a mean source full assemblants are for address and and and and and a mean assemblants are assemblants and assemblants are assemblants and assemblants are assemblants are assemblants and a mean assemblants and assemblants are assemblants are assemblants and assemblants and assemblants are assemblants and assemblants are assemblants are assemblants and assemblants and assemblants are assemblants and assemblants and assemblants are assemblants and assemblants are assemblants are assemblants and assemblants are assemblants CONSTRUCTION.
  - WCTOR OF ANY CONDITIONS THAT MAY AFFECT THE EXECUTION OF THE WOR SUBCONTRACTORS SHALL VISIT THE SITE AND INF PRIOR TO COMMENCING ANY AFFECTED WORK. 6

- URER'S INSTRUCTIONS UNLESS SPECIFICALLY AL PRODUCTS AND MATERIALS SHALL BE NATALLED IN ACCORDANCE WITH THE MANUFACTURER'S NOT NOTED TO THE CONTRARY, MOTEV DESIGN IF MANUFACTURER'S MEQUINEMENT'S ANE MORE STRINGENT,

  - All MNTEWLS AND EQUIPMENT PRESIMENT IN SUSCEMENCE(DISE SIMUL IN: FRAVAND FREE FRAUENTEETS).
     CONTRACTERS SIMUL SHORE SUBJOINT PRESIMENT AND ALL MOLE THAN SUBJOINT AND ATTACHMENT OF CAGINO SIMULAND AND RESIDENT FRAVANDAS CONTRIBUTIONS AND ACCESSORIES ETC.
     WILL RANK DERIVERS FRACANDAS, CONTRIBUTIONS AND ACCESSORIES ETC.
     WILL RANK DERIVERS FRACANDAS, CONTRIBUTIONS AND ACCESSORIES ETC.
     WILL RANK DERIVERS FRACANDAS, CONTRIBUTIONS AND ACCESSORIES ETC.

- SHALL BE THE LATEST EDITION AND/O STRINGENT ADDENDUM OR WHICHEVER IS MORE
- MBING PRIOR TO 14. ESTABLISH AND VERIFY ALL OP

Construction Co.

K

- Construction, 15. NOTE Protection of constructing of carative, indites and thread, dating, and indite for percendication and constructions and conversal to sample works on the PhoLECT and To APPLICAGE CORRECTION OF ATTINGUES APPLICAGE APPL V understanding and the indites and applications and the PhoLECT and To APPLICAGE CORRECTION OF ATTINGUES A APPL V understanding and applications and applica
  - ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTER é

- REFER TO SPECIFICATIONS TECT/DESIGN BUILDER. 17. IN CARE OF PLAN LOCATION COMPLICTS BETWEEN DISCIPLINES. NOTIFY ARCHITECT DESIGN BUILDER 18. ALL DRAWING REFERENCES TO MATERIALS ARE GENERAL IN NATURE IN UNLESS OTHERMISE NOTED
- utimoso e constructiona y ne contraction seu, insored a juscando sectosaron to non feci me smachaer bueno constructions usuando sectoses seu variantes un varia terration to expension e usuando e to constructiona constructions constructionaria to me star to waventeci no to buendate seur, not insorate basectana un ter anon from OWMACTERSTICS AND REQUIREMENTS OF SPECIPIC MATERIALS. W. THE CONTINUCTOR STRUCTURAL DRIVING AND SMELTICATIONS REPRESENT THE PRESENCE THE PRESENCE THE PRESENCE OF STRUCTURE. THEY DO NOT BEDIEVE THE
- 20. THESE DOCUMENTS ARE NOT TO BE USED ARCHITECT OF RECORD.

1. зное ромного жит то сонячащить ма зничащите понятистви колематить минископистика технование в ко зное ромного жито сонячалисти колемания, кото разгружается на романали и кото со якие ромного за ликиется по базо пистик у вироспрокаток на практикатели и кото сонемания и кото сонатокати по колемата.

HO 'ALINOO ENIGINA

IEA WHITE - HAVILAND O&M BUILDING

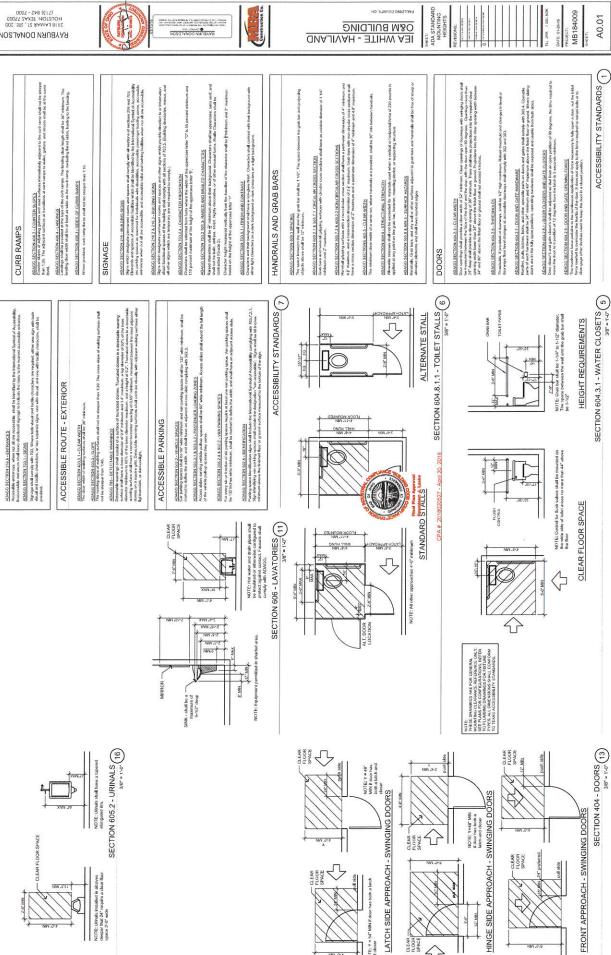
- 22. ALL DRYMALL MATTIONS ME DREARDING FAILS OF FINISH MALL TO FAILS OF RURN MALL, UNLESS OTHERMER, NOTICE 32. ALL DRYMALL MARTING ME DREARDING FAILS OF FINISH MALL IN THE OF RURN MALL, UNLESS OTHERMER, NOTICE 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROJECT FITCH AN ANA VARIAN MASS. CONTEMPTER LANGT 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROJECT FITCH AN ANA VARIAN. MASS. CONTEMPTER LANGT 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROJECT FITCH AN ANA VARIAN. MASS. CONTEMPTER LANGT 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROJECT FITCH AND ANA VARIAN MASS. CONTEMPTER LANGT 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROJECT FITCH AND ANA VARIAN MASS. CONTEMPTER FLAD 34. RELATED GREATED IF YOM SHALL IN FERDING FLAD PROFESSION AND ANA VARIAN MASS. CONTEMPTER FLAD 34. RELATED FLAD PROFESSION FLAD P
- Is taken onwith to hock access had method core Leffs. The mean of start or constructions between the core Leffs. Surveys and support of the transfersion uptor the source start control with the method and the surveys account to write source until the survey and was and surveys with the water so the source start of the survey of the survey and the surveys and surveys and surveys and the surveys account to write source in the survey and was and surveys and surveys and the surveys account to write source in the survey and was and surveys and and the surveys account and and the survey and account to the survey and account of the surveys and and the surveys account and account surveys a structure and account of the surveys for the surveys account and solve counter and account of the survey of the survey and account of the surveys account and account and account surveys as structures and account of the surveys for. The process counter and accounter and account surveys are accounted for the survey account and accounter and account the accounter and accounter and accounter and accounter accounter accounter accounter accounter and accounter the accounter and accounter and accounter accounter accounter accounter accounter accounter and accounter and the accounter and accounter and accounter accounter accounter accounter accounter accounter accounter and the accounter accounter and accounter accounte

TITLE SHEET

SHEET:

REVISIONS:

JRR / DE: NDI



NOTE: Y = 54" MIN if dog and closer

NIW ZE

٦

5

2118 LAMAR 51., 51E. 200 HOUSTON, TEXAS 77003 (513) 842 - 7500 NOSJANOG NAUBYAR

ENTRANCES





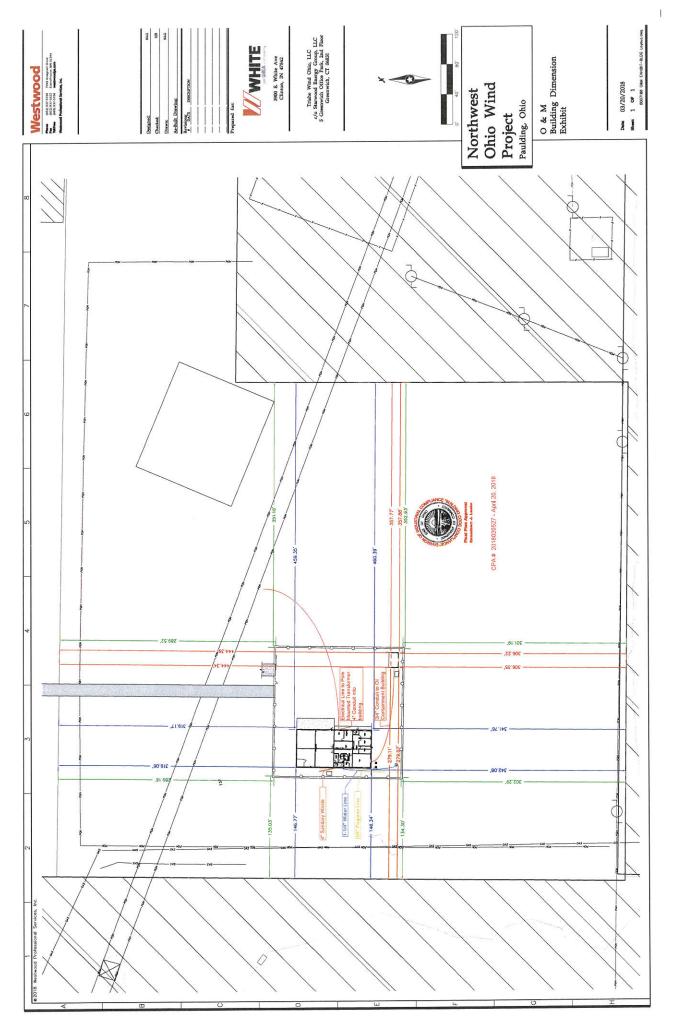
V

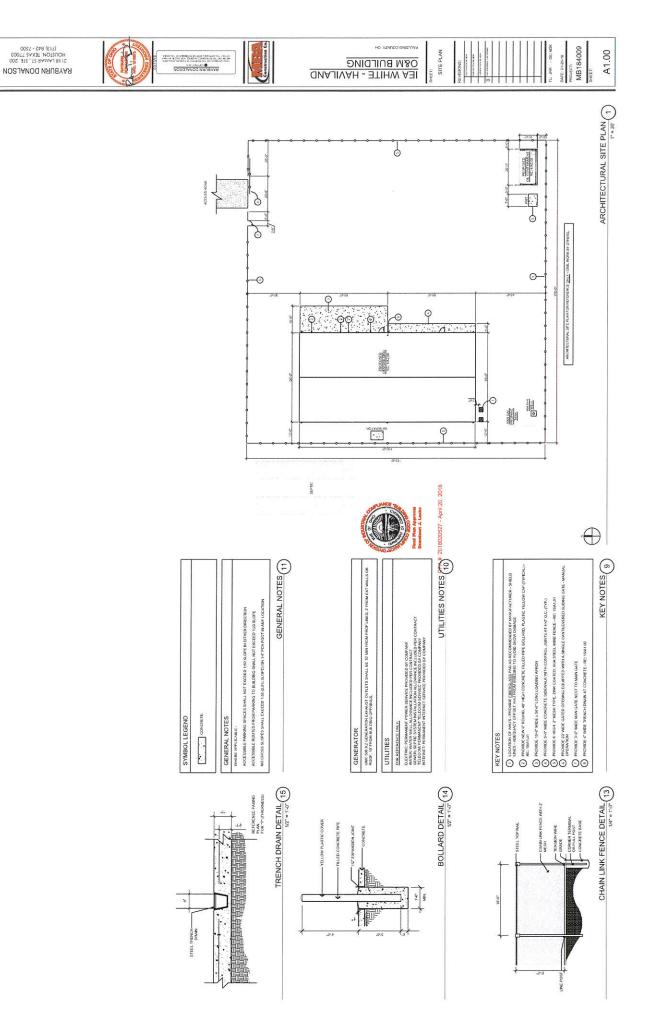
DNICTAH - ATIHW ABI DNICDIUB M&O

MB184009

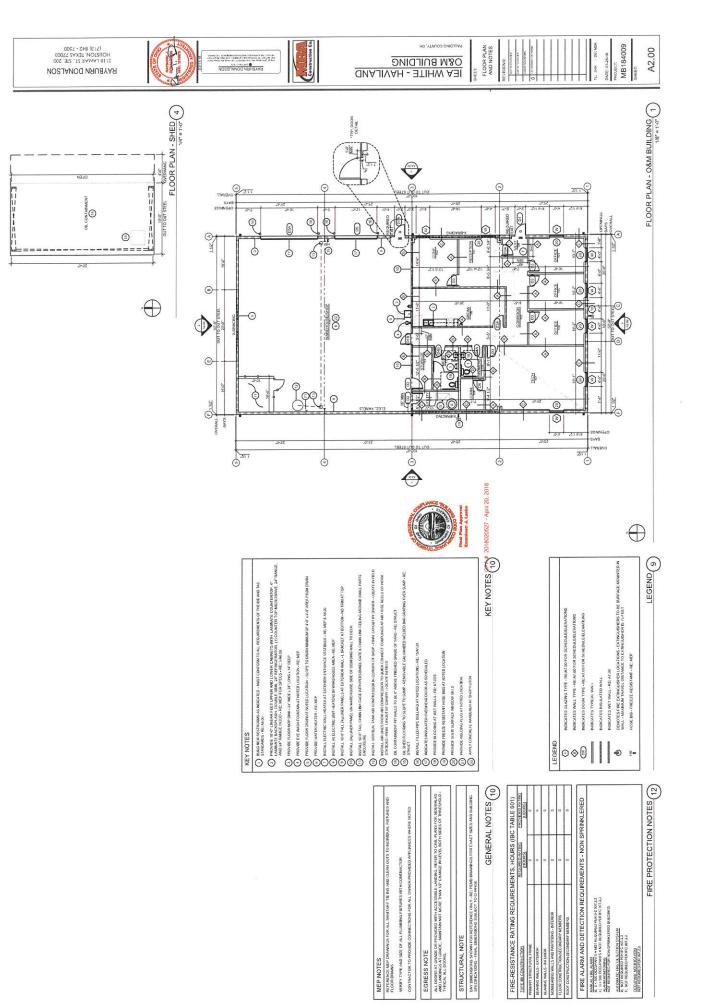
JRR / DE-

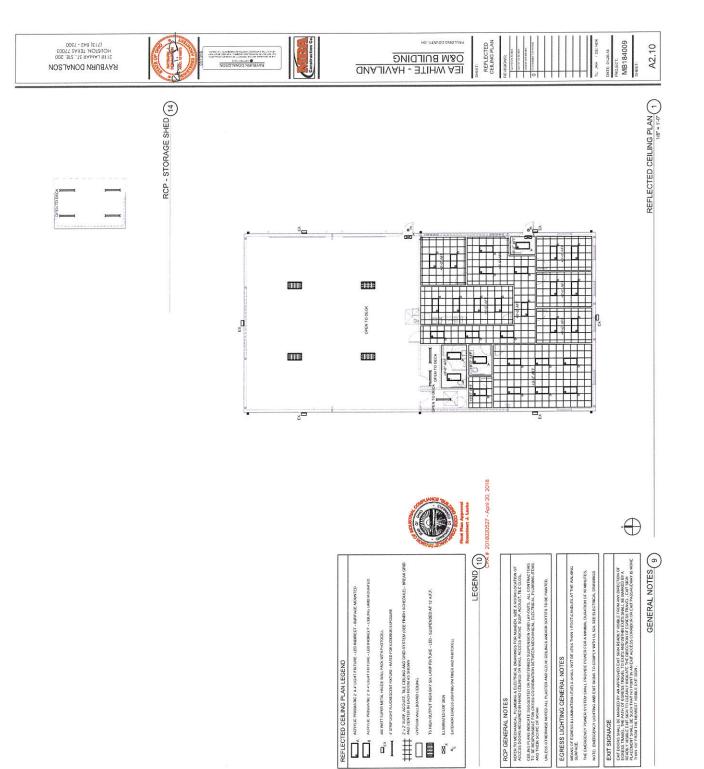
A0.01

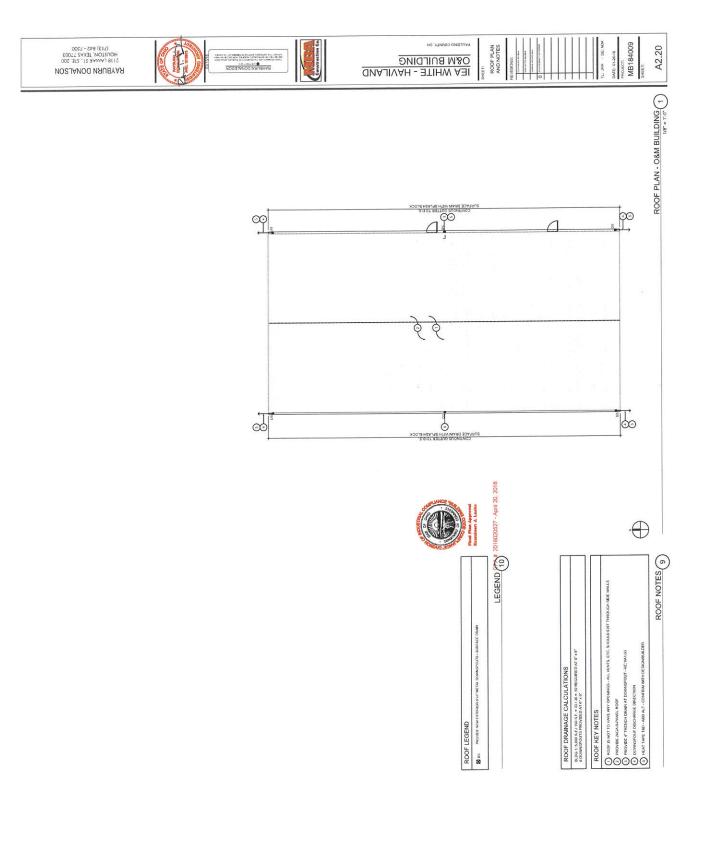


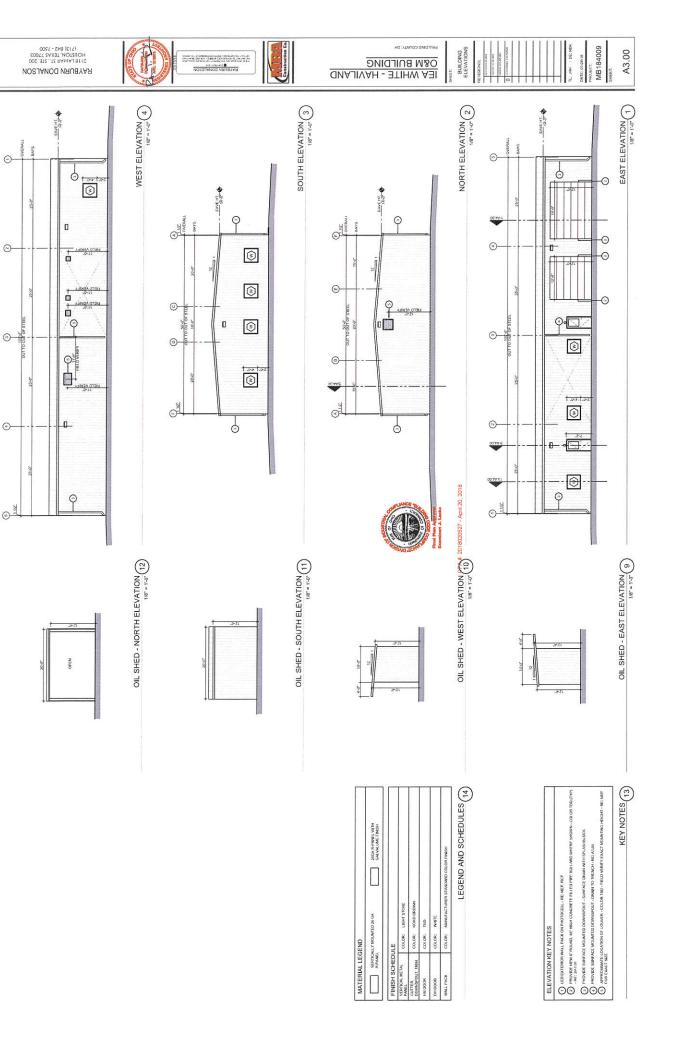


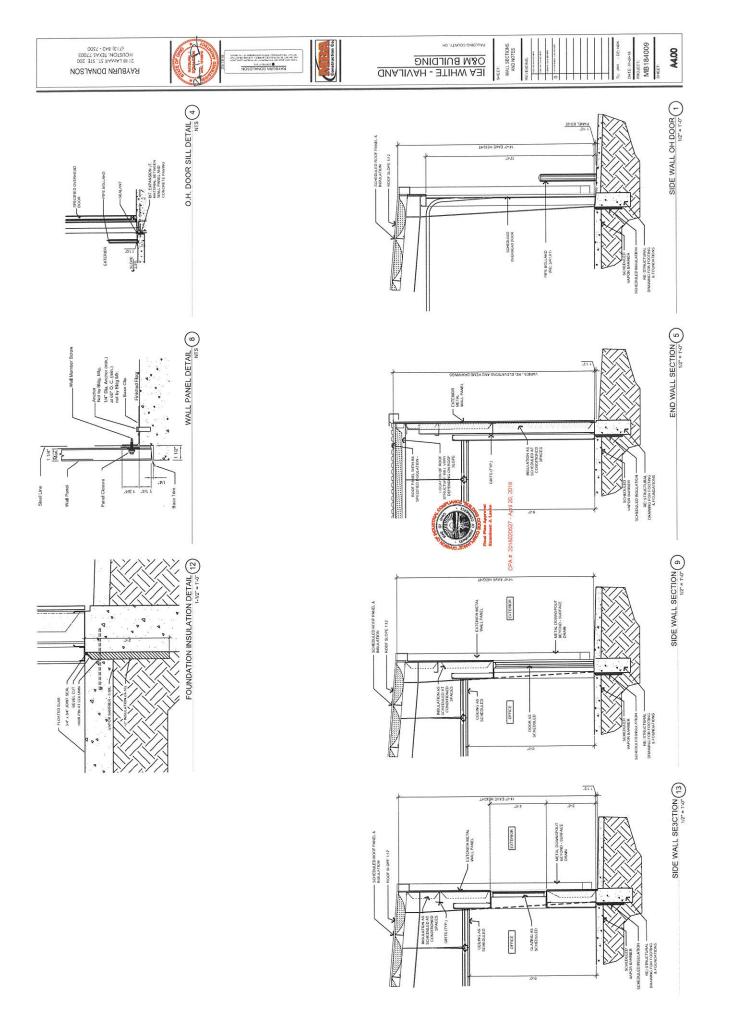
2118 LAMAR 31. 516, 200 HOUSTON, TEXAS 77003 (713) 842 - 7500

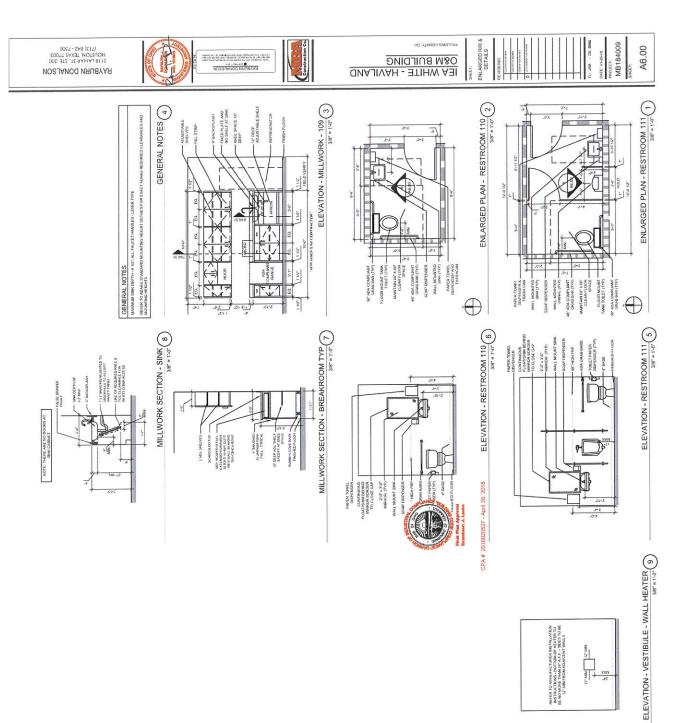












NOSJANO DONLSON 2016 LANAR 31, 512 200 2017 2433 JUOIZUOH 2005 2443 - X500 2025 2439 25151	A MANUAL		and a	n Bood Jac. 1994 - Oraci 1995 - Notes 1995 - Notes	o sala o sala o sala o sala o sala	NOC N	augyas o o organis organis	i de la composition de la comp			Construction Co.				ī	JNC	A٦	IV	<u>4</u> G	- =		NH MH			SHEP?	DOORWINDOW	SCHEDULES	REVISIONS:	Control File Parents	United and a second second						TL: JRR / DE: NDK	DATE: 01-26-18	MB184009	SHEET:	A7.00	
		/	O Hear and the construction of the constructio							of every and to come	IN ALL HAZARDOUS LOCATIONS SHALL COMPLY WITH	LUC, SECTION 2406 (INCLUEND) 2466.1, 2406.2, 2406.3), OLASS INSERTS AT DODRS AND ADJACENT GLASS PANELS SHALL BE SAFETVIRIPACT RESISTANT GLASS.	, LOW-E, TEMPERE	DOOR ELEVATIONS	1/4" = 1'-0"												SCHEDULE	FRAME REMARKS	released and rep. 1 Update TO BL Relia Artists Update TO BL Relia Artists	INVERTIGATION 2 DOOR TO REPORT ATTO INVERTIGATION 2 DOOR TO REPORT ATTO DOOR TO BE NOT	recommendation U.A.C.DRC _ 0.254 strend www.st.thc U.A.C.DRC _ 0.254 strend www.st.thc U.A.C.DRC _ 0.254	MARINAL SET NO. 1	Provincence Biol High in Processing Province Processing	Provincements into the contract of the contrac	round/works (at 1 Mc), 7 Modelan, Chranel MM	www.www.commun.com	NOTE 1: AT REQUIRED EATS AND VESTIBULE EXIT DOORS PROVIDE A READILY VISIBLE SIGN ON ECHESS SIDE OK ADJACENT TO THE DOOR STATING "THIS DOOR TO HEMAIN UNLOCKED WHEN BUILDING IS OCCUPTED" PEN	WITH ALL SECTIONS OF THE TAS	NOTE 3: ALL EGRESS DOORS SHALL BE READLY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A or you as assertial submar proof and an arrent want and and a second and and and a second a second a second and a second and a second a second a second and a second and a second a se	DOOR SCHEDULE	)
	T T		IN DO COM PRIMI DO COM	DS ELEVANDON						0 1000 1000 1000 1000 1000 1000 1000 1	GUAZING SUBJECT TO HUMAN IMPACT LOADS AND II	LUCU SECTION 2400 (INCLUDING 2466.1, 2409.2, 8.24 PANELS SHALL BE SAFETYRIPACT RESISTANT GLAS	ALL EXTERIOR GLAZING TO BE 1" THICK INSULATED, LOW-E, TEMPERE														DOOR	NO. SIZE TYPE FRAME	D1 ror-crec commenter incurrenties	D1A Torivition Extension and Torivition within HOLOWINCH	Transfer Million Million 1901	D3 Yarking Boundons Imur Orcount	D3A         Yar unit         Soundors         Immunit           D4         Yar unit         Soundors         Soundors	404242300 1844	D4B 276 FXX GARDONE INECTOREOUS.	ОЗА натексат он акстониото	NOTE 1: AT REQUIRED EXITS AND VESTIBULE LAIT DO OR ADJACENT TO THE DOOR STATING THIS DOOR TO	IBC, SECTION 1008-16.0(82)(2.2) NOTE 2: ALL DODRS AND HARDWARE SHALL COMPLY WITH ALL SECTIONS OF THE TAS	NOTE 3: ALL EGRESS DOORS SHALL BE READLY OPEN		
	роов наврилав конели в	REMARKS			LATOR CALINDER AND KEYNG PROVIDED BY CAMPER				2		CVINGER AND REVERSIBILITY OVALUE								POWORK WE READED IN THE AND THE READED IN THE READER OF TH					CYLINDER AND YEVENG PROVIDED INT CAMPER				T	CVL INCREA, AND MEYING PROVIDED BY OWNER			A LOUR							UTOP DATE IT UNDERCUT AT CONSE FOR ANY RETURN.	DOOR HARDWARE	)
	WOR HARDW	DESCRIPTION		CLOSER	PANG EXIT DEVICE AND LATCH CYLINDLAS	STRUCKES	5105460.15	THEFE SHOK DB	WEATHERSTERPING	INNU.	PAGE DEVICE	MONULE CYLINDER INBN	CLOSER	3f A1 5	DRP CAP	(1)Dect Bench		20461	1000		10MGL	DOOR SALLY	SEALS	1000	HNGE	1 5100	DOOR SWEEP	CLOSEH	1000		1510	THUMB LATCH / PRIVACY LOCH		- COLOR	AUX-PLAIL	CLOBUH		20000	CONDITION: PROVIDE 1"UNDE		

1361

HIM-2 Fines - LA LUBOH

HAM-3 KON PROPERTING

QUANTITY

SET HW-A LOCASU

(	0	2	)
1	J-E	Γ	
0	Ĕ		
.00	200		
(	S		
	ł		
	( L	AZING SCHEDULE	SING

. AT VESTBULE C

8-WH

GLAZ	GLAZING SCHEDULE AND NOTES		
14G	SDE	TMG	SIZE
	4'-0' x 4'-0'		
GLAZIN SECTIO PANELS	GuZING SUBJECT TO HUMAN NIPACT LONDS AND IN ALL INZARDOUS LOCATIONS SHALL COMPLY WITH SECTING ZAME INSCLUDES ZAME, JACLEZ Z. ARAM, STOREFRONT CLASS DOORS AND ADJACENT CLASS PARILS SAMLL BEARET TYMERACT RESISTANT CLASS.	I ALL HAZA STOREFRO S.	GLAZING SUBJECT TO HUMAN MINICT LOADS AND IN ALL INZARDOUS LOCATIONS SHALL COMPLY WITH B.C. SECTION ARE INCLUDENT SUPEL, TAKEN, STOREFROMT GLASS DOORS AND ACENT GLASS MALLS SHALL IS SECTIVENED TRESSIONT GLASS.
ALL EX	ALL EXTERIOR GLAZING TO BE DOUBLE PANED. TEMPERED, TINTED, LOW-E - SYSTEM TO BE DESIGNED FOR LATEST ADOPTED EDITION OF APPLICABLE BUILDING CODES	PERED. TIP CODES	VIED, LOW-E - SYSTEM TO BE DESIGNED FOR
ZONE SAC UFACTOR SHSC = PF	ZONE 5Ac UNACTOR = .54 MAX SH5C = PF < 0.2 = 0.48 MAX		
MINOO	MINDOW SYSTEM TO BE VINYL WINDOW SYSTEM		
GLAZIN	CLAZING VENDOR TO FIFTD VERIEY ALL MEASUREMENTS	BNTS	

NUTTON			ol constant	-	Mr. J. Lasko	613e1 3	577 - Amil 20 2016	181
No. of the second se	Star Star	No.3	THE PARTY	<u>_</u> _	Recently Recently	and the second se		1/4" = 1-40"
2	.0	., Z	1 3	¥117	+		21410	

3 -

PAN-6 PAN-6 PAN-6 PAN-6

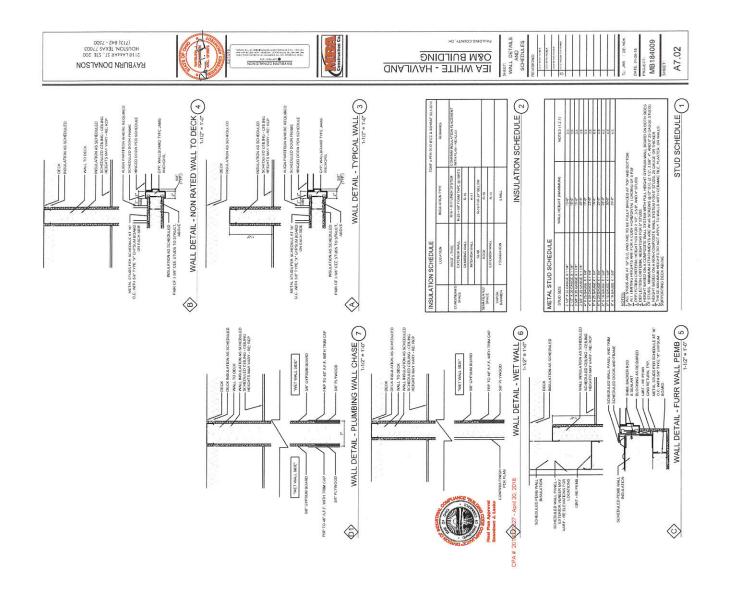
7.WH

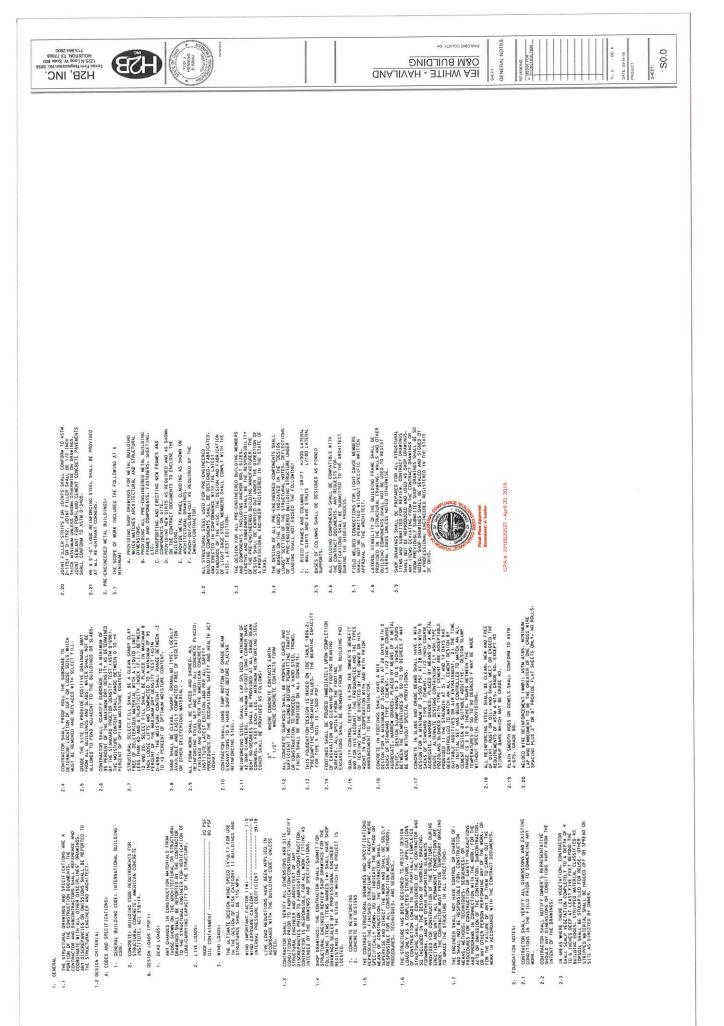
MALTHURK MALTHURK MALTHURK MALTHURK MALTHURK

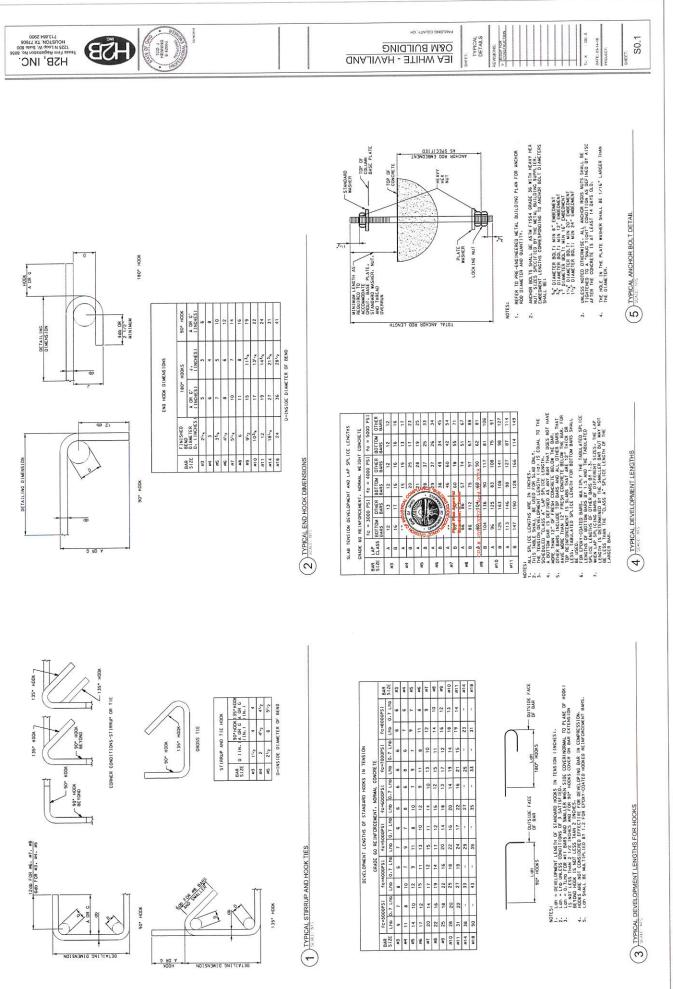


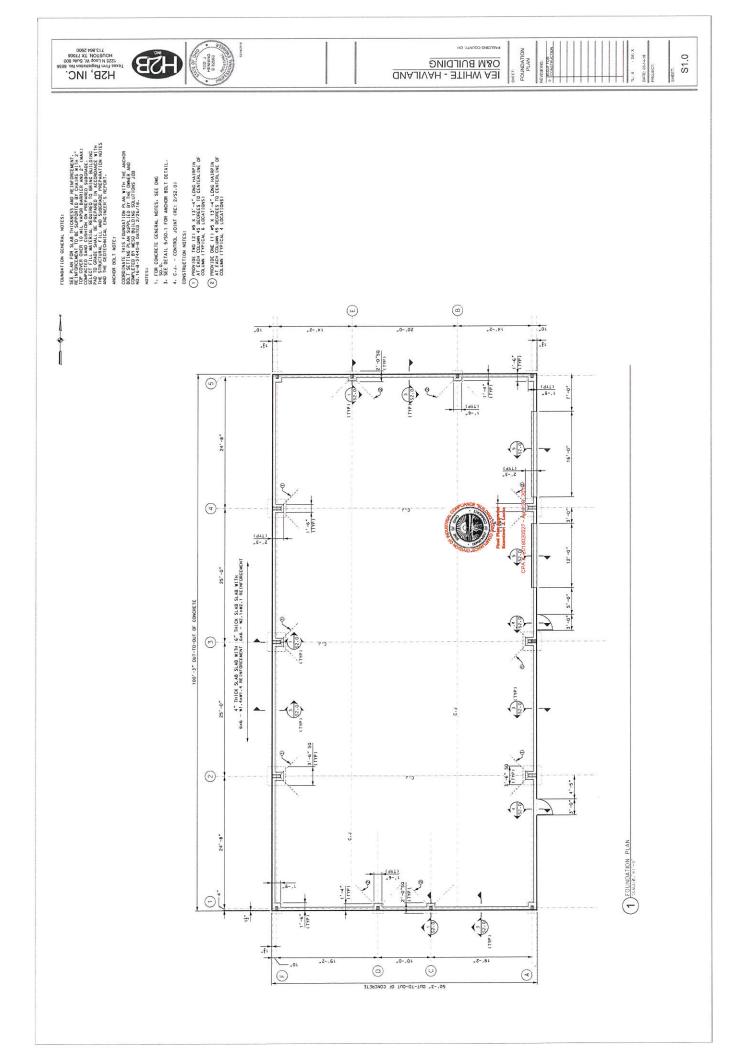
2	1	
*4	+ .	 -
e		

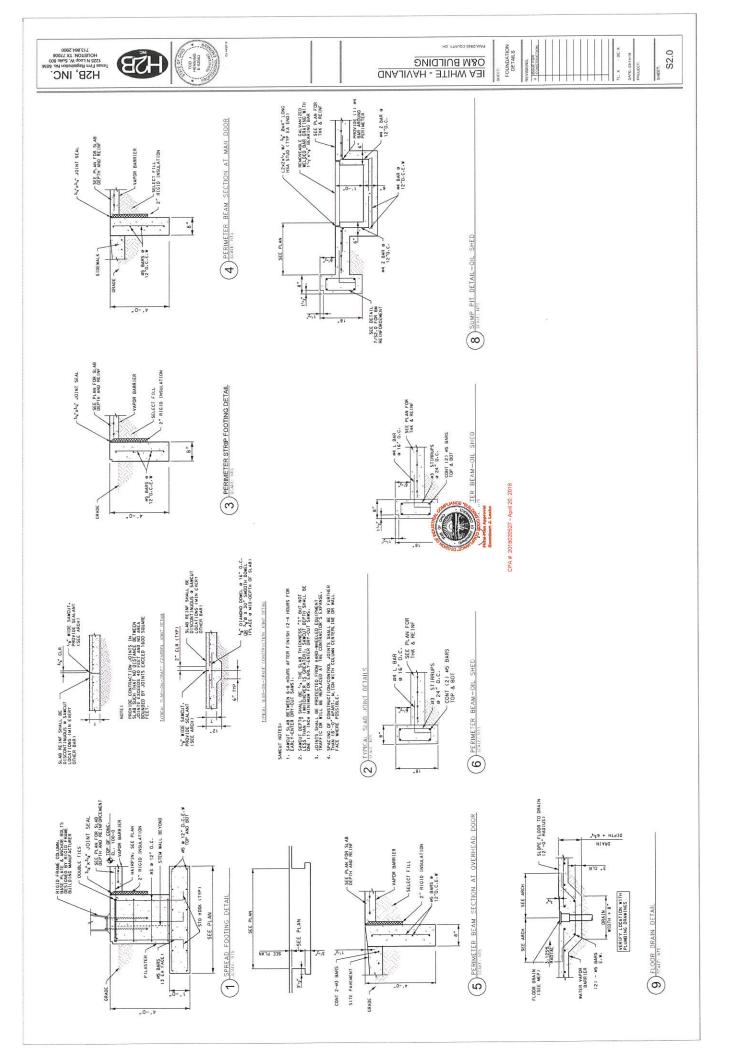
INDELADO NOR IANO NOR AND NOR AND N	FINISH NOTES
HATCHLEGEND HATCHLEGEND FINISH FLOOR PLAN	FINISH NOTES         PANSH NOTES         Primer in the structure of the property of the property and refer to ensure the structure of the property and refer to the structure of the property of the proper
Image: Second	Image: Section of the section of t
	Automatic states and a set of the
	MATERIAL SCHEDULE           SMBOIL         RUMON           SMDOIL         RUMON         RUMON           SMDOIL         RUMON         RUMON           SMDOIL         RUMON         RUMON         RUMON           SMDOIL         RUMON         RUMON         RUMON           SMDOIL         RUMON         RUMON         RUMON           SMDOIL         RUMON         RUMON         RUMON         RUMON           RUMON

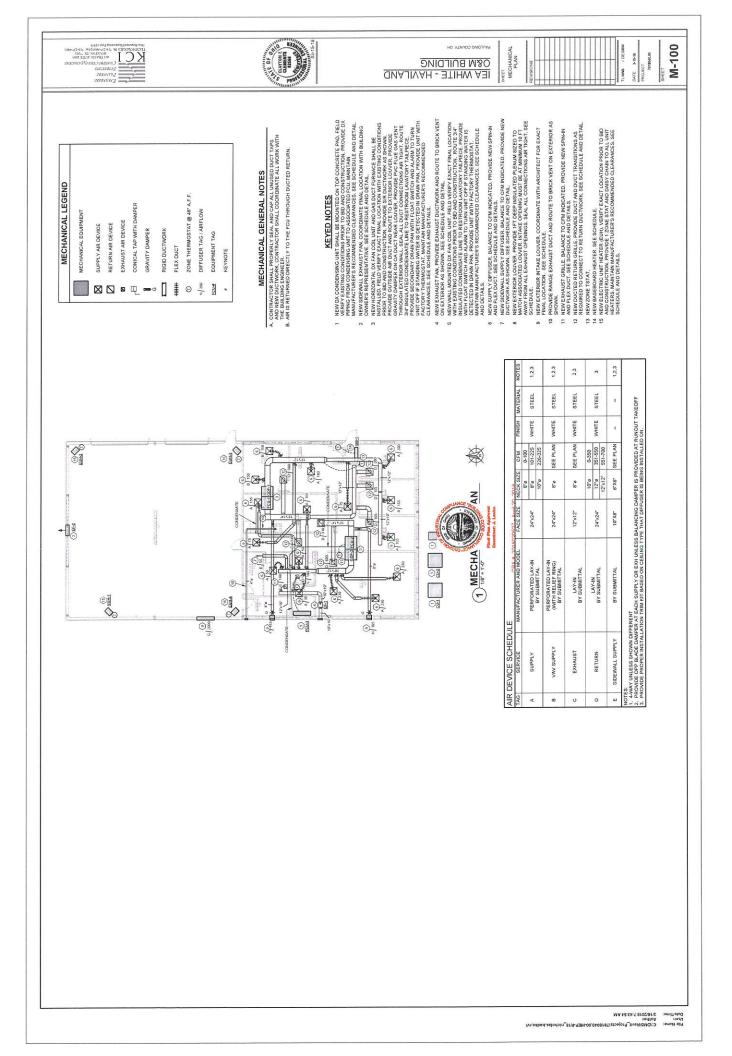


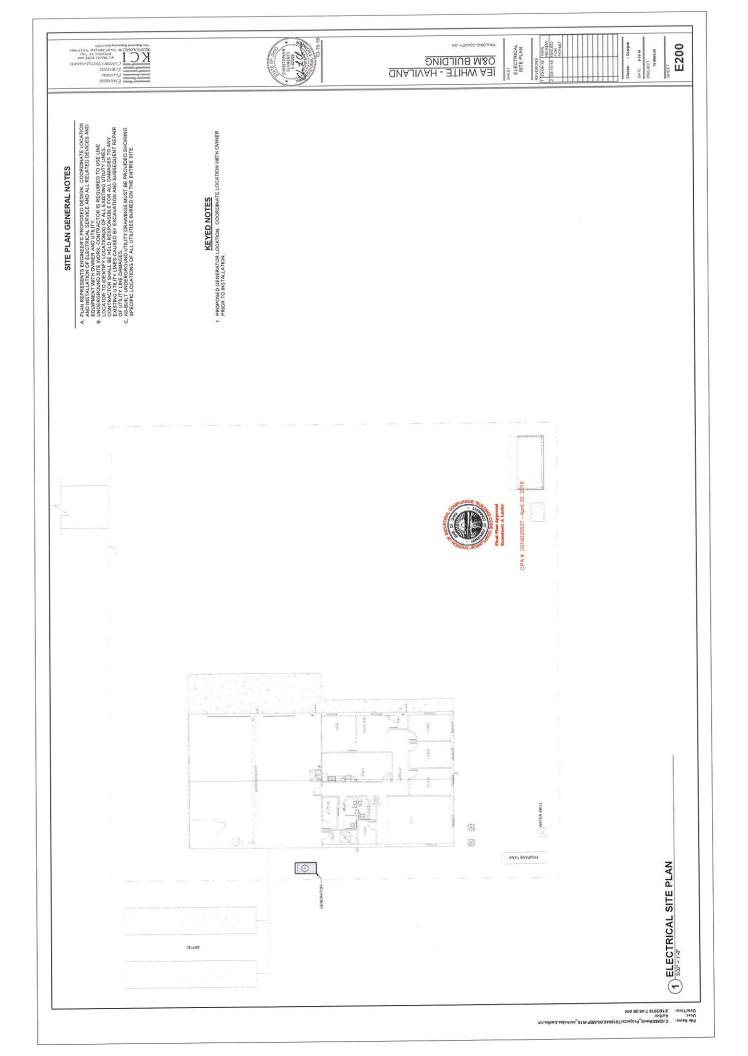


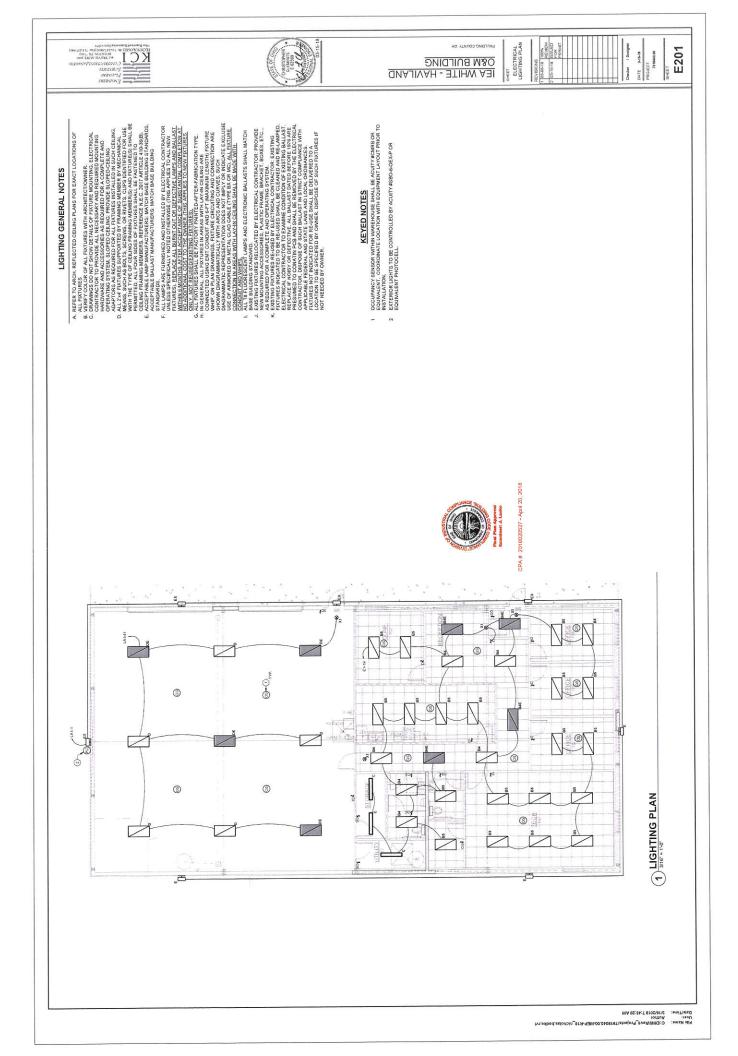


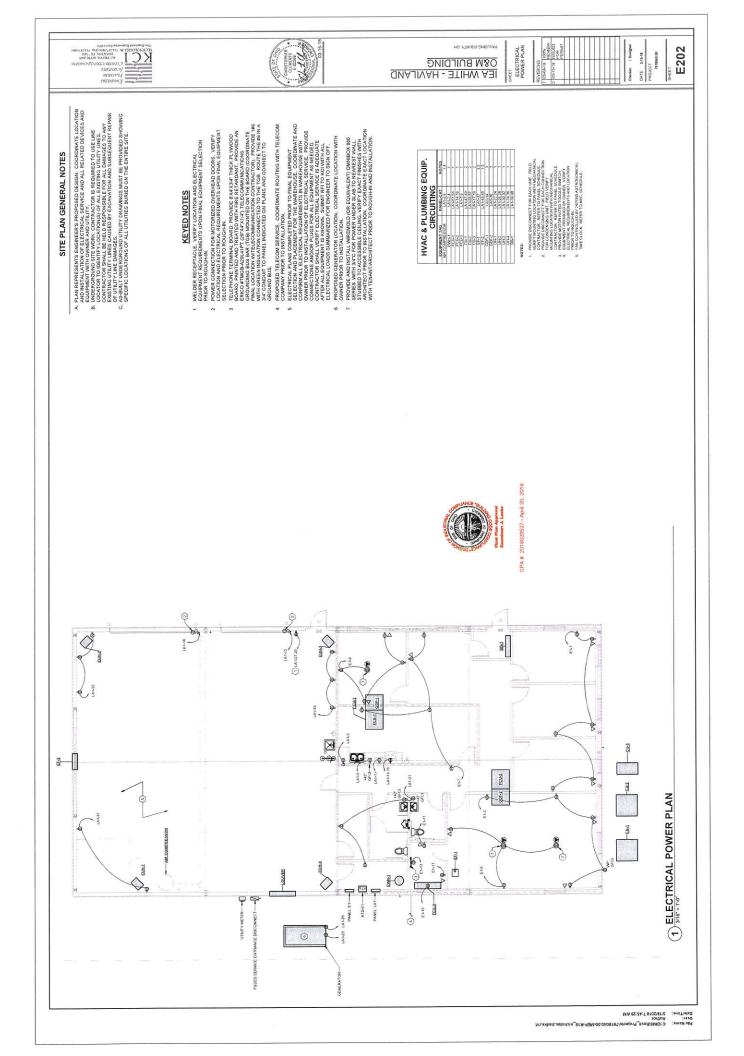


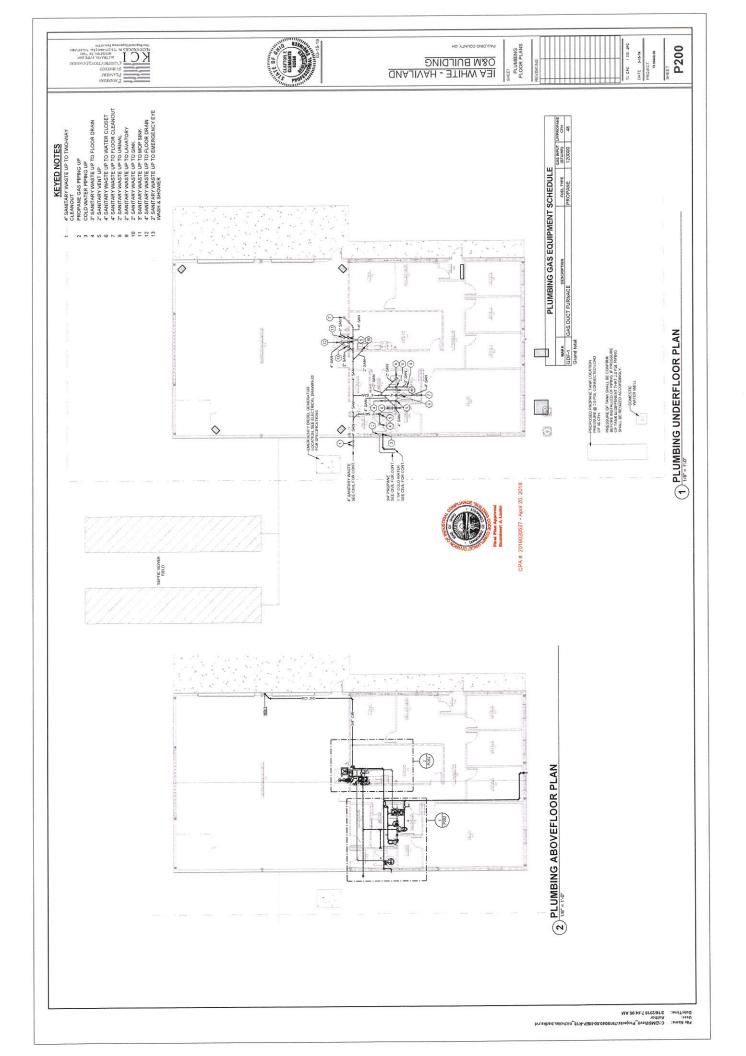


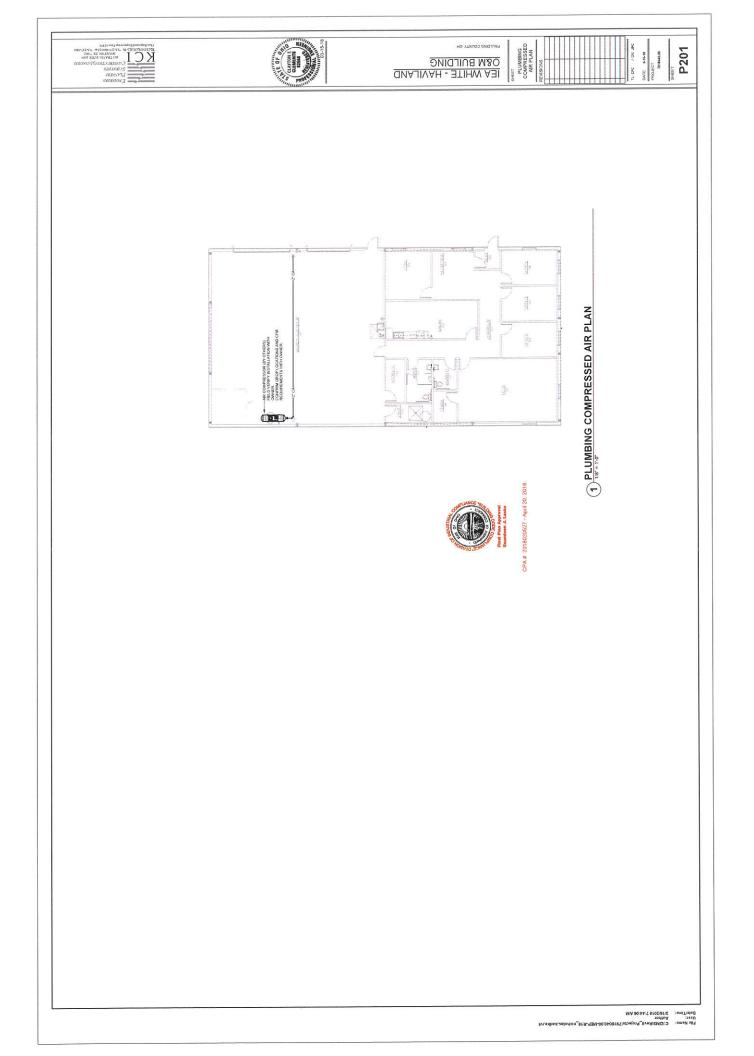


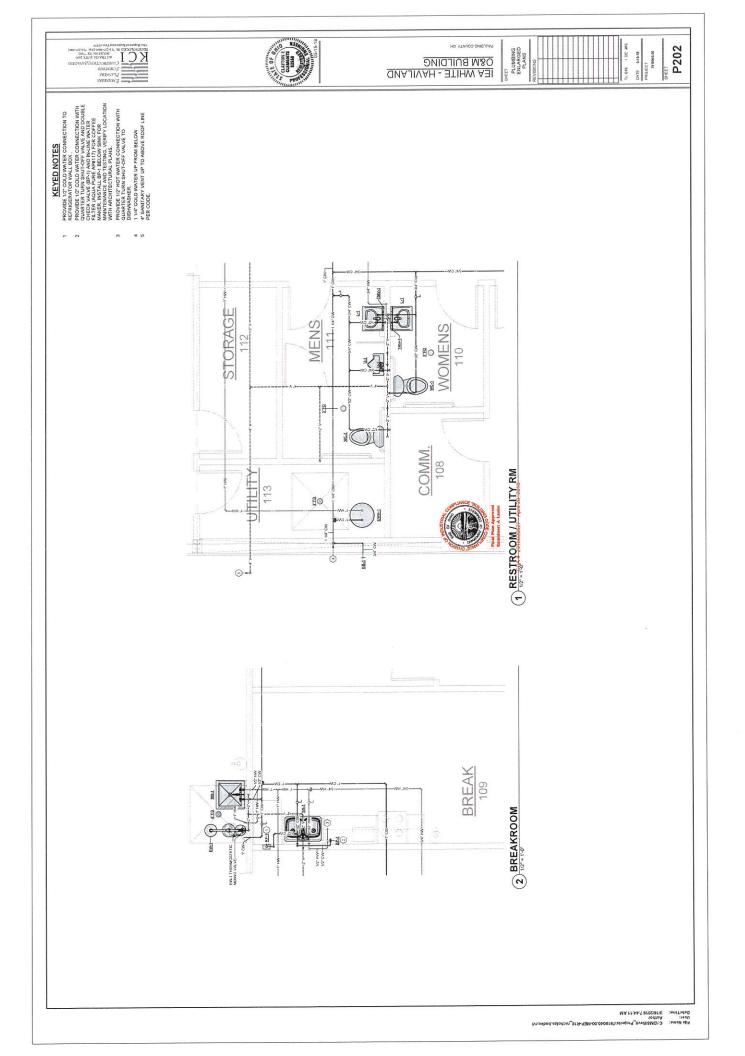




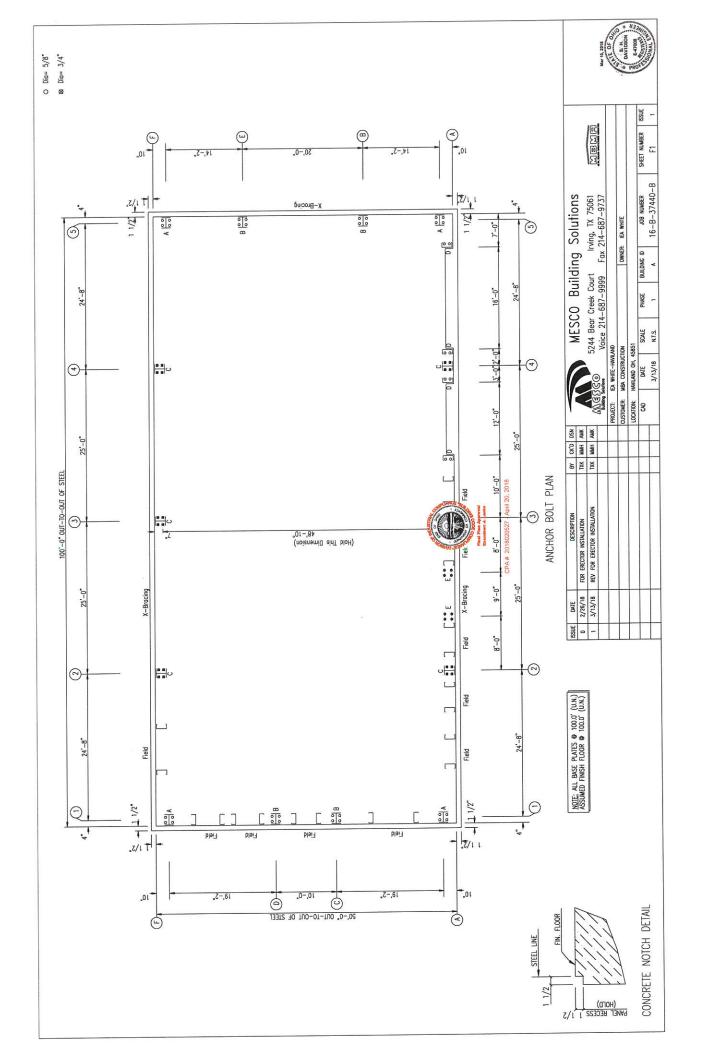




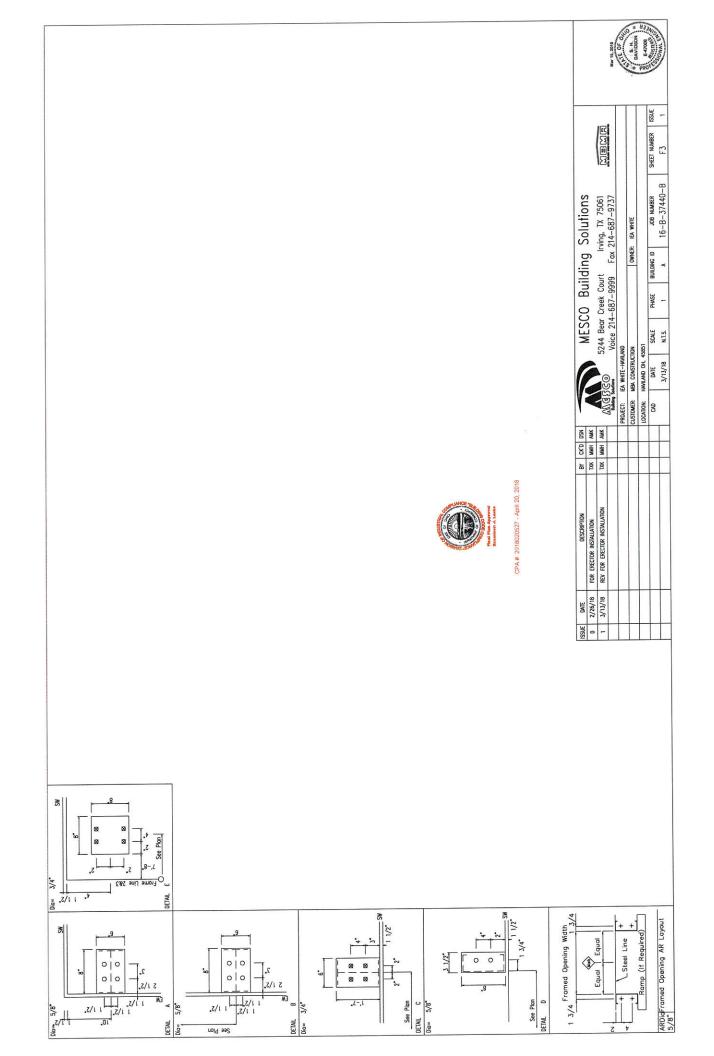


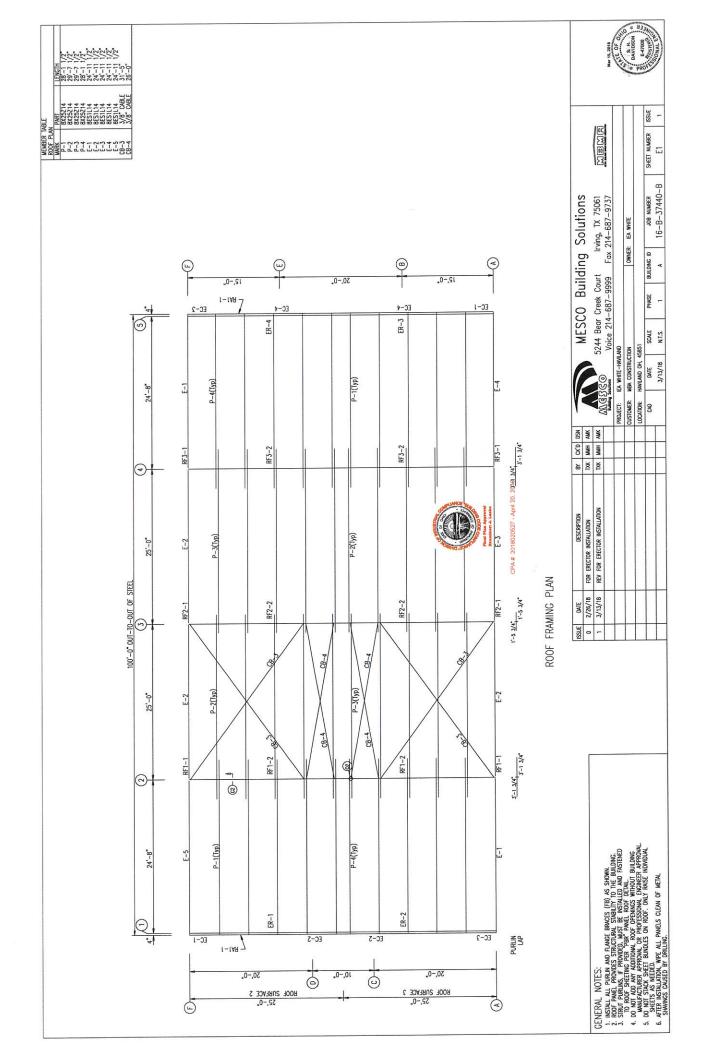


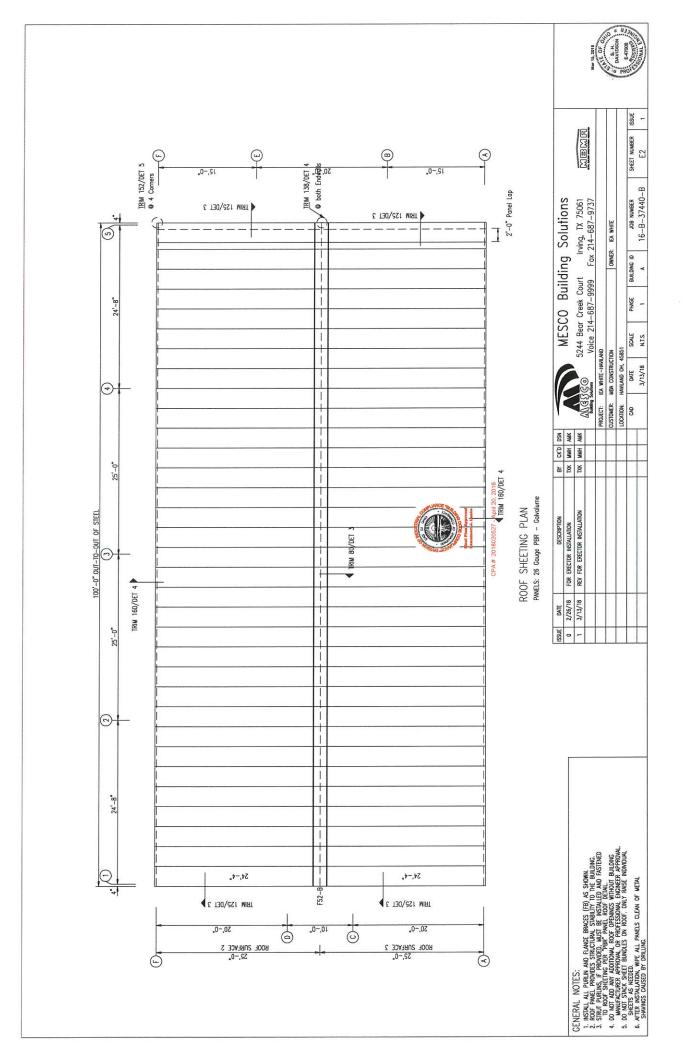
DRAWING INDEX           Mate         DRAWING INDEX           Mate         Descension           Cit         Descension           Descension         Descension           Descension <thdescensin< th="" th<=""><th>A CONTRACT OF CONTRACT</th></thdescensin<>	A CONTRACT OF CONTRACT		
DESIGN LOADING       Bis structure is branched with the close structure is structure is the close by transment.       Bis structure is to convert with the structure covery transment.       Figure structure is to convert with the structure covery transment.       Bis structure is to convert with the structure covery transment.       Bis converting is the structure covery structure covery transment.       Bis converting is the structure covery	BUILDING SIZE: 50'-0" × 100'-0" × 14'-0" 1.0:12 CO Building Solutions t Creek Court Irving, TX 75061 広辺凱辺京 4-687-9999 Fax 214-687-9737 0mke: ka write PMSE BULDINE I 0-08 NUMEER SIEFT NUMEER ISSUE		
<b>EXOLUTI NOTS EXOLUTI NOTS EXOLUTION NOTS EXOLUTI NOTS EXOLUTI NOTS EXOLUTI NOTS E</b>	Issue     Difference     Br     CCD     Building       0     2/26/18     For Erector MStaurtion     TXX     Juni JMX     MESCO     Building       1     3/13/18     REV For Erector MStaurtion     TXX     Juni JMX     MESCO     Building       1     3/13/18     REV For Erector MStaurtion     TXX     Juni JMX     Mesco     For Color Billion       1     3/13/18     Rev For Erector MStaurtion     TXX     Juni JMX     Juni JMX     Juni JMX       1     3/13/18     Rev For Erector MStaurtion     TXX     Juni JMX     Juni JMX     Juni JMX       1     3/13/18     Mitter-HMX.MD     Locoronex     Locoronex     Juni JMX     Juni JMX		
<b>BILIDER/CONTRACTOR_RESONSBILITE</b> <b>BILIDER/CONTRACTOR_RESONSBILITE</b> <b>BILIDER/CONTRACTOR_RESONSBILITE</b> <b>BILIDER/CONTRACTOR_PERFORMED</b> . Provide a thread design confriction on based on the reserver may ved these drenges, appropring ancourds circulations and campo confriction. The adverse particle interverse of the adverse in the adverse interverse development of the metal of the interverse of the adverse interverse of the monotocurer's drenges of the metal of the preserver may ved these compress, appropring ancourd circulations and campo real drenge of the metal of compare in the adverse interverse of the monotocurer's drenges and based of the metal of the monotocurer's drenges and based of the metal of compare interverse and perform a transmission of the monotocurer's drenges and the adverse interverse of the monotocurer's drenges and based of the metal of the metal of the monotocurer's drenges and based of the metal of the adverse of the monotocurer's drenges and based of the metal of the adverse of the monotocurer's drenges and based of the metal of the metal of the monotocurer's drenges and based of the metal of the metal of the monotocurer's drenges and based of the metal of the metal of the monotocurer's drenges and based of the metal of the metal of the metal of the monotocurer's drenges and the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal of the metal metal of the metal of the metal metal of th	1/2" A 325 BOLT GRIP TABLE       CRIP     1/2" A 325 BOLT GRIP TABLE       CRIP     LENCITH       OULL THREAD ENGAGEMENT IS       Out 0 10 1/16     1/2" A 325 BOLT GRIP TABLE       Out 0 11 1/16     1 1/16       Out 1 1/16     2       Out 1 1/16 <th <="" colspan="2" td=""></th>		

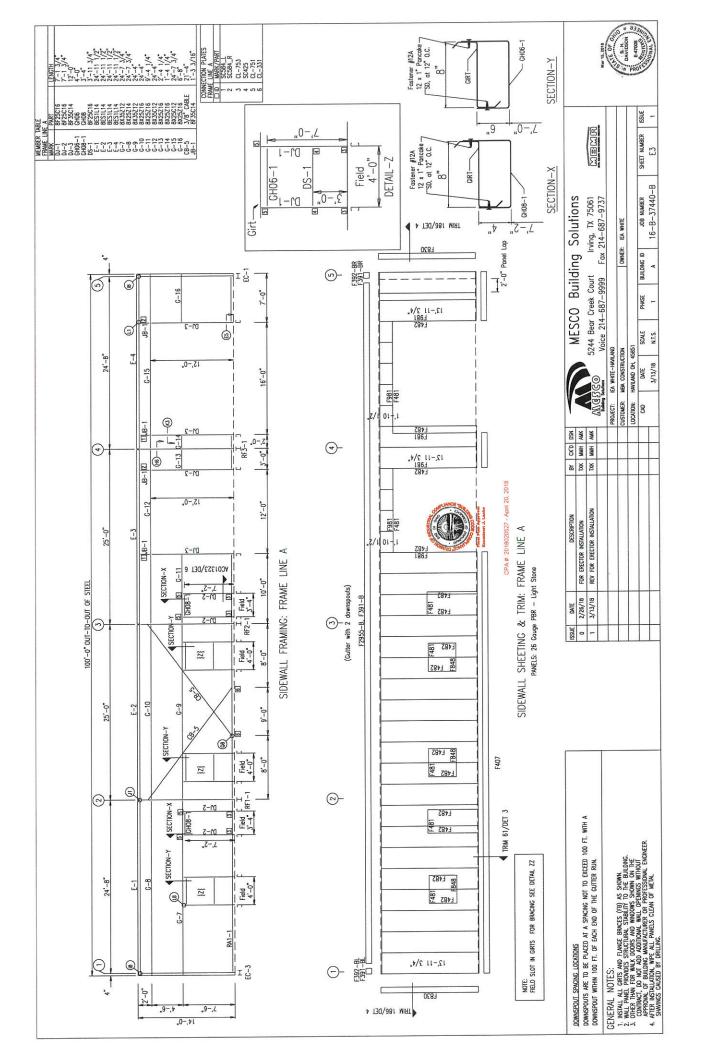


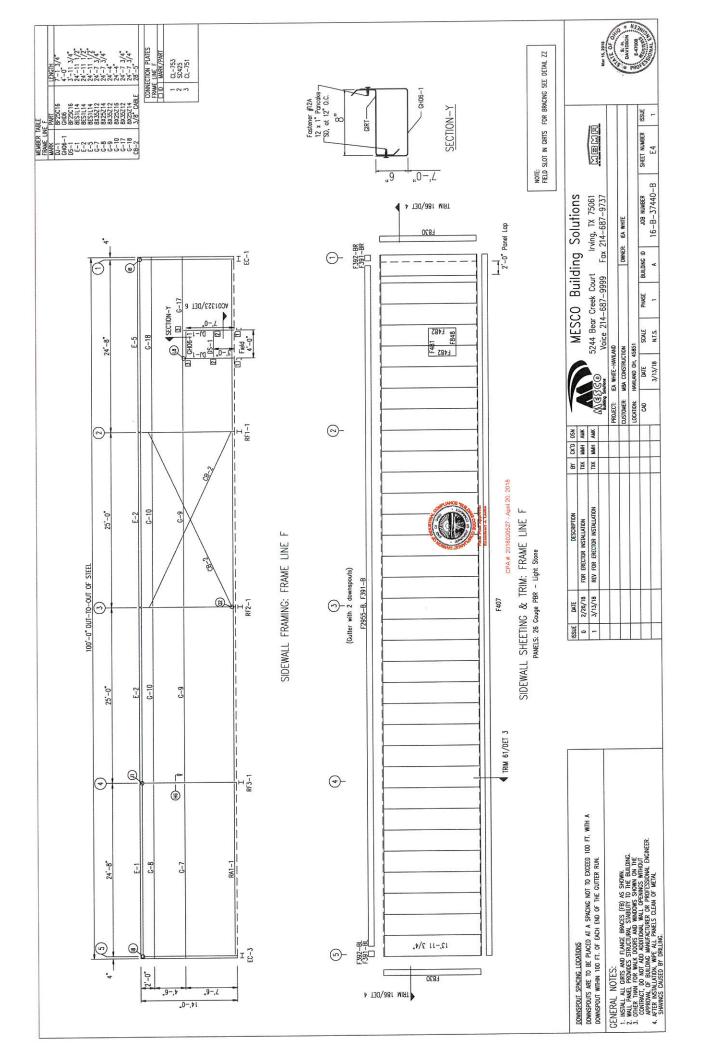
EVENT NOIS     EVENT NOIS     EVENT NOIS     EVENT NOIS     THE RECORMS BOONDS     IN THE RECORMS BOONDS     THE RECORMS BOONDS     THE RECORMS BOONDS     EVENT NOIS	CENERAL MOTES EXCOMMENT EXCOMMENT EXECUTION (NOTES) (NOTALL COLUMN: DESC COLUMN EXCOMPC (N) THE RECTOR (N) THE ACCOMPC (N) THE RECTOR (N) THE	
Contract Contrect Contract Contract Contract Contract Contract Contract Contrac	Col         Decision         Col         Co	H V RICID FRAME: AND REARS & BASE PAIRS
A log control of the log control	1         1	1750 4 0.750
MADD OFFICE A MADD OFFICE A MADD OFFICE A MADD OFFICE      MADD OFFICE	R 0.0 1.0 ANCHOR BOLT SUMMARY From the two	Col         Dec.         Det         MiDra         Processor         Cond           F         4         0.750         6000         19.00         0.03
= = = = = = = = = = = = = = = = = = =	Machine         Machine <t< th=""><th>RIGID         FRAME:         Ancore recits &amp; Buss Plane           Film         Cal         Over _ Bus         Plane         Plane           Film         Cal         Over _ Bus         Plane         Plane           A         F         4         0.759         6.000         19.00</th></t<>	RIGID         FRAME:         Ancore recits & Buss Plane           Film         Cal         Over _ Bus         Plane         Plane           Film         Cal         Over _ Bus         Plane         Plane           A         F         4         0.759         6.000         19.00
Sa fit reactions table for write household reactions in plane at	F 4 UA25 6.00 E.000 U.3.2 UG DTES FOR REACTIONS FOLLOWING MER ARE NOR WITH FOLLOWING MER ALE NOR WITH FOLLOWING UNIX OF THE STATE OF TH	RIGID         FRAME:         Beac         Colume Rectmans (I)           Frame Datame
	E000 Store (m/s/12)         103/2 (1/10.12)         2           E000 (m/s)         1000 (m/s)         2         2           E000 (m/s)         1000 (m/s)         2         2           E000 (m/s)         2         2         2         2         2           E000 (m/s)         2         2         2         2         2         2           E000 (m/s)         2	K         13         -13
	<b>1</b> 0	20 - 12 13 - 48 75 - 54 88 74 - 48 75
	The second se	77) 125 45 60 
MINIMUM WALL LENGTHS FOR USE OF PANEL SHEAR BRACING SYSTEM		Column HML SIGN - 12 HBML SLI - 12 HBML SLI 15 12 12 45 41 45 41 44 1 -77 123 413 510 -415 81 1 -77 123 413 510 -415 81
Prenel doprivant nacions is utilized to results search and/or wild nores applied parallel to the elevation. Well seleting must be continuous from even strut / rose mage to base support in order to be considered effective. The effective rose mage to base support in order to be considered effective. The effective social or and parallel and must be edentmend by rational analysis. considering ractured openage and height to which ratios of parel segments. Maintum effective length required in the and that off or and segments. Additional oppenage, you indicated should be anoted whiltout phor creatulation.	CONTRACTION OF CONTRACTICON OF CONTRACTICO	MESCO Building Solutions 5244 Bear Creek Court Irving, TX 75061 回動区周 Voice 214-687-9999 Fox 214-687-9737 四動区周
With the fired budget inductions and the second party of the second in the second of the second in the second of the second in the second of t	Image: Construction	Omnetre         Low Metre         Low Metre <thlow metre<="" th=""> <thlow metre<="" th=""> <thlow< td=""></thlow<></thlow></thlow>

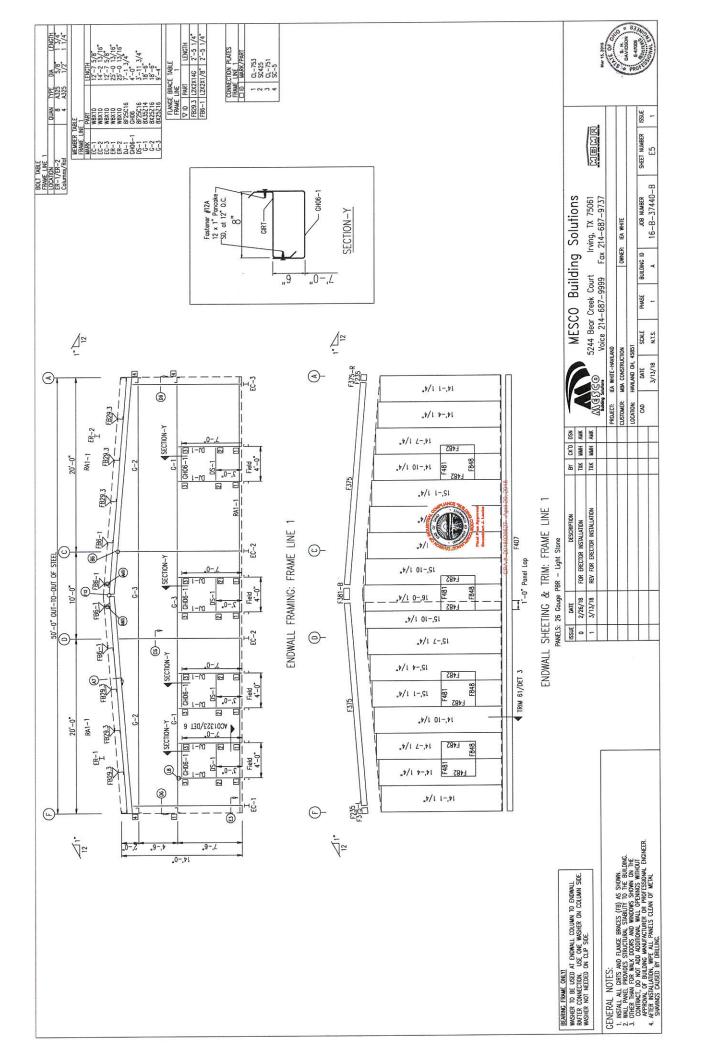


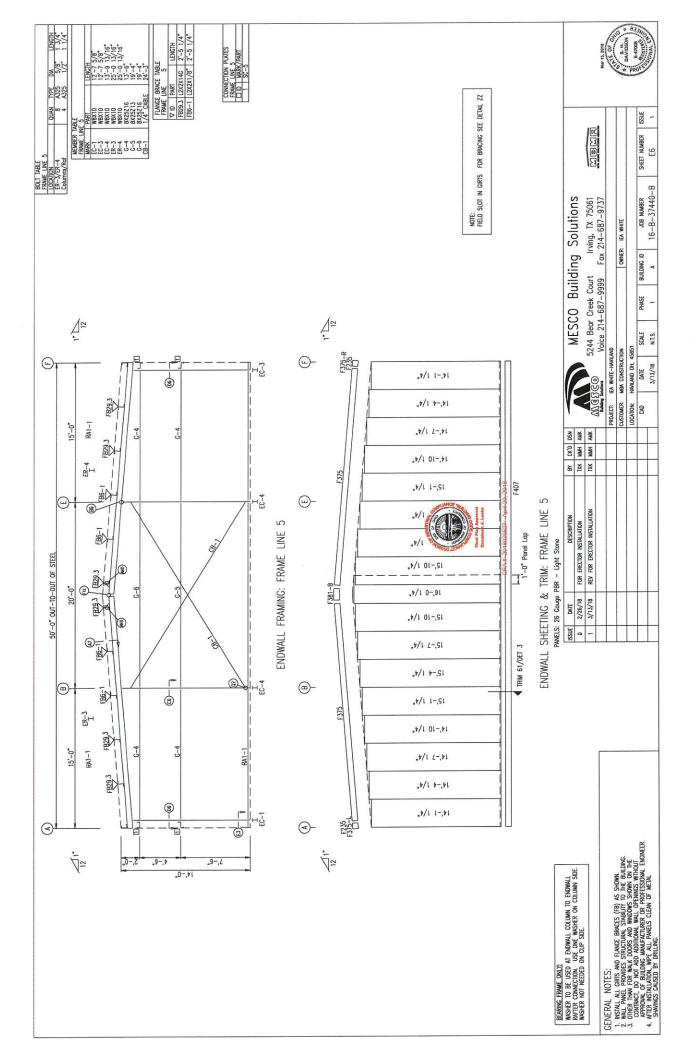


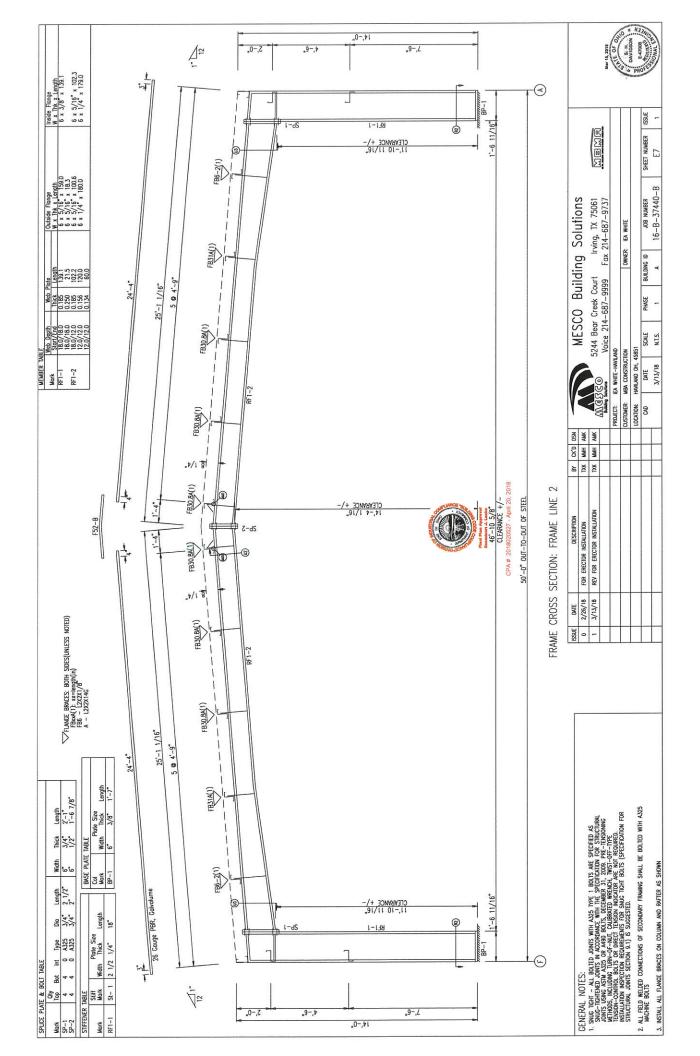


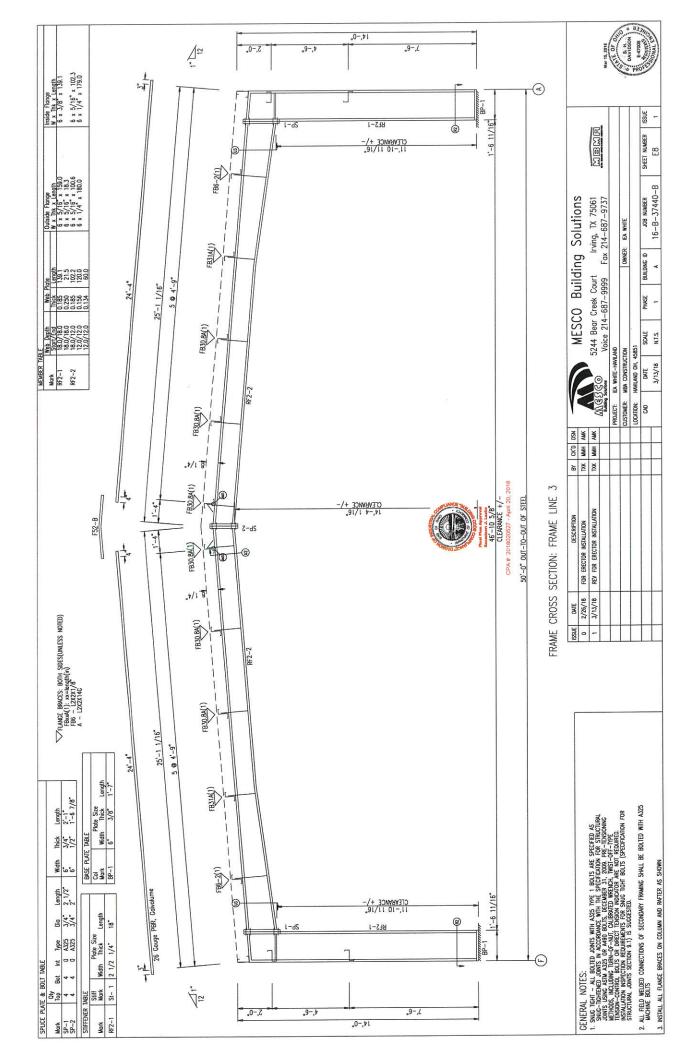


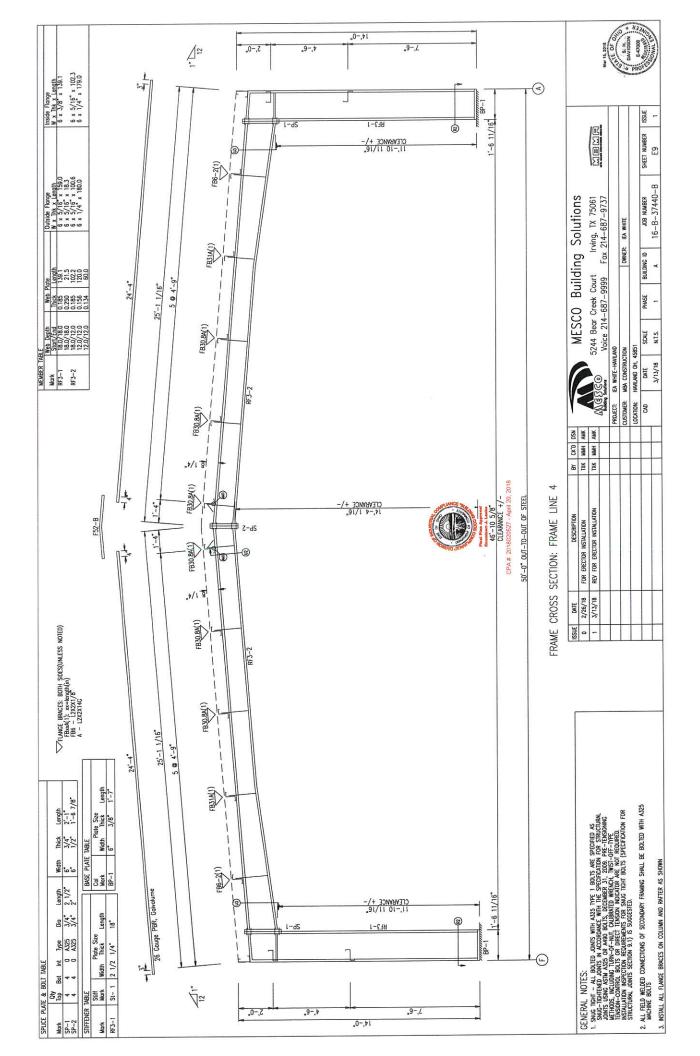


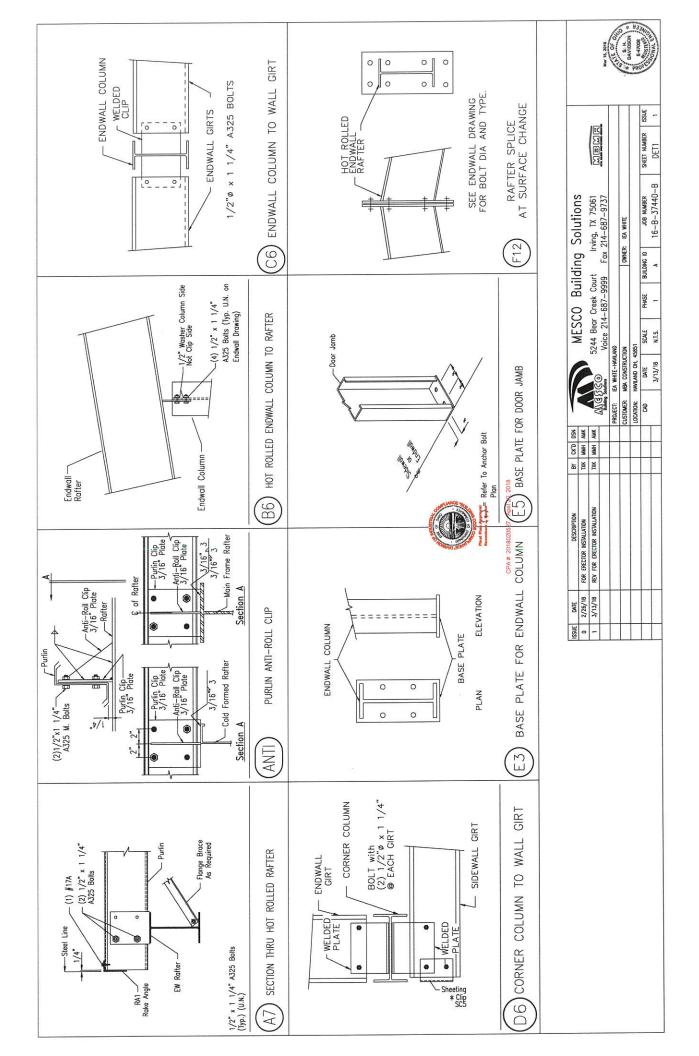


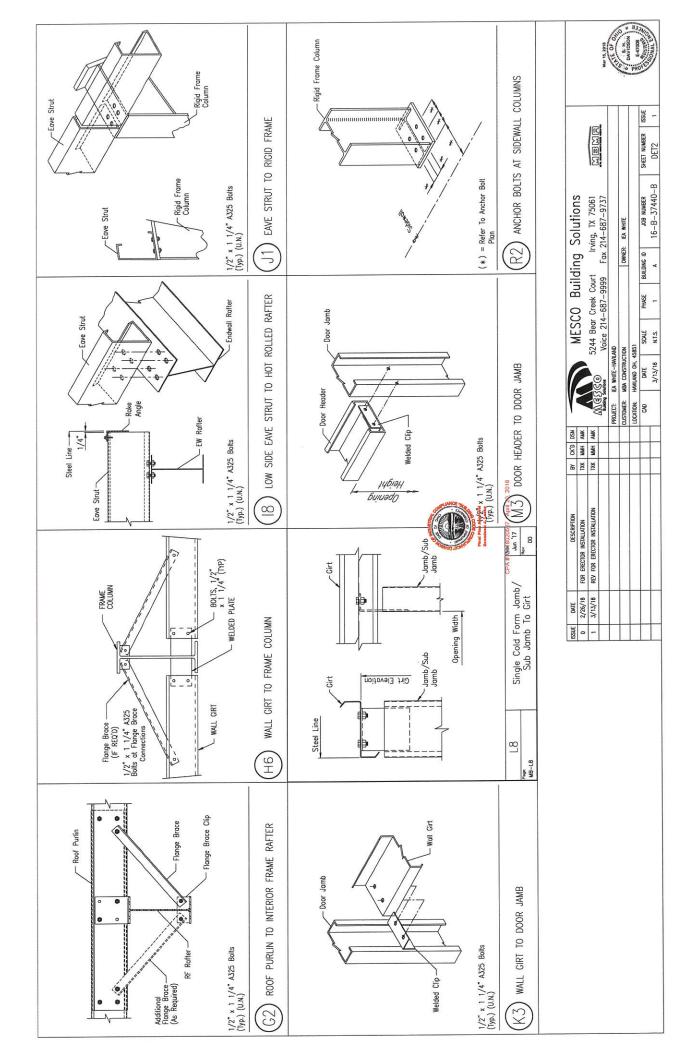


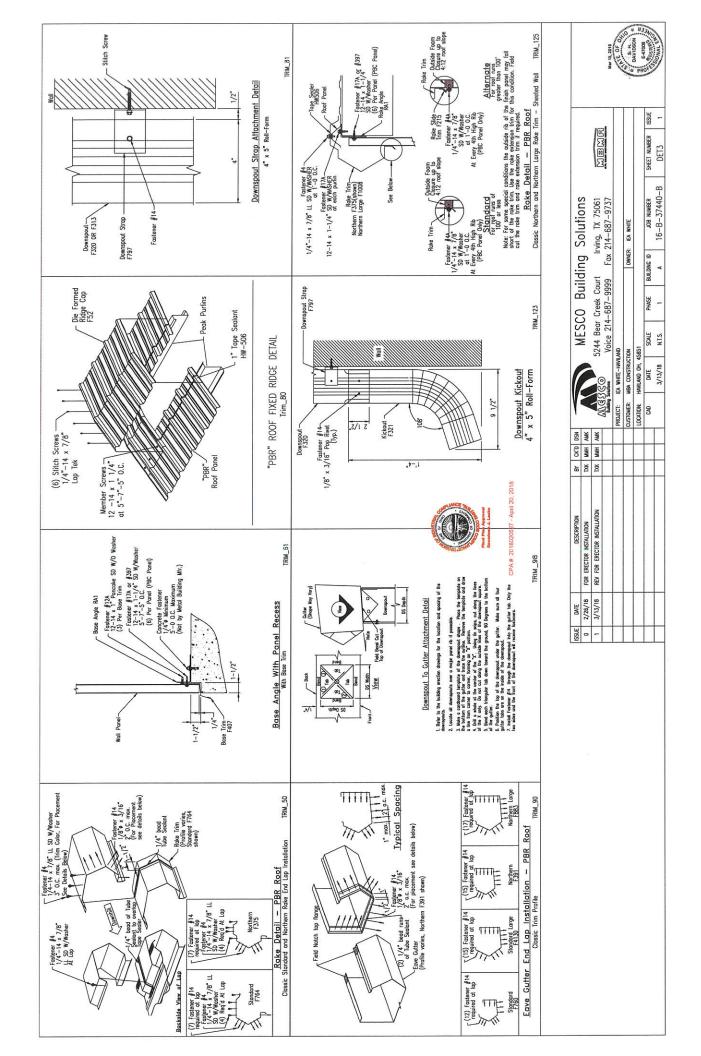


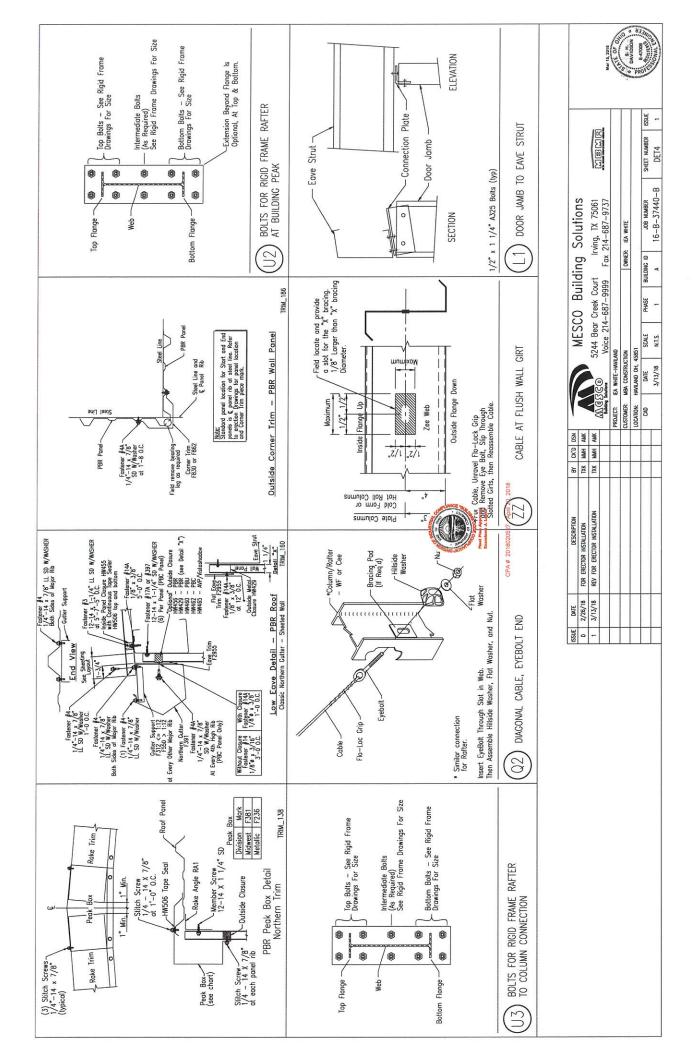


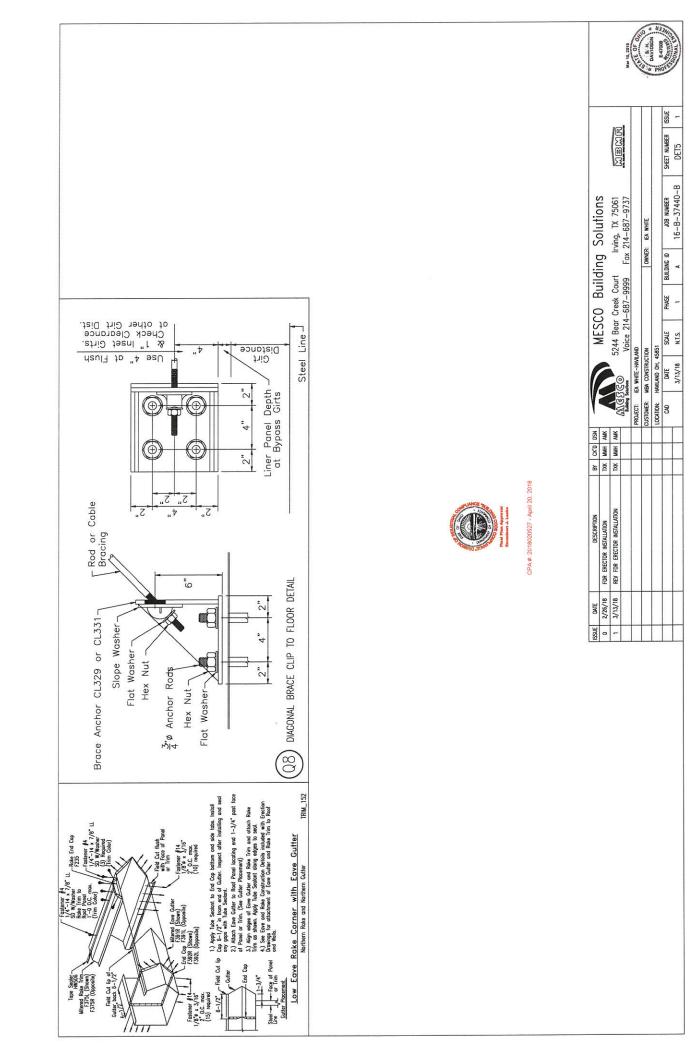


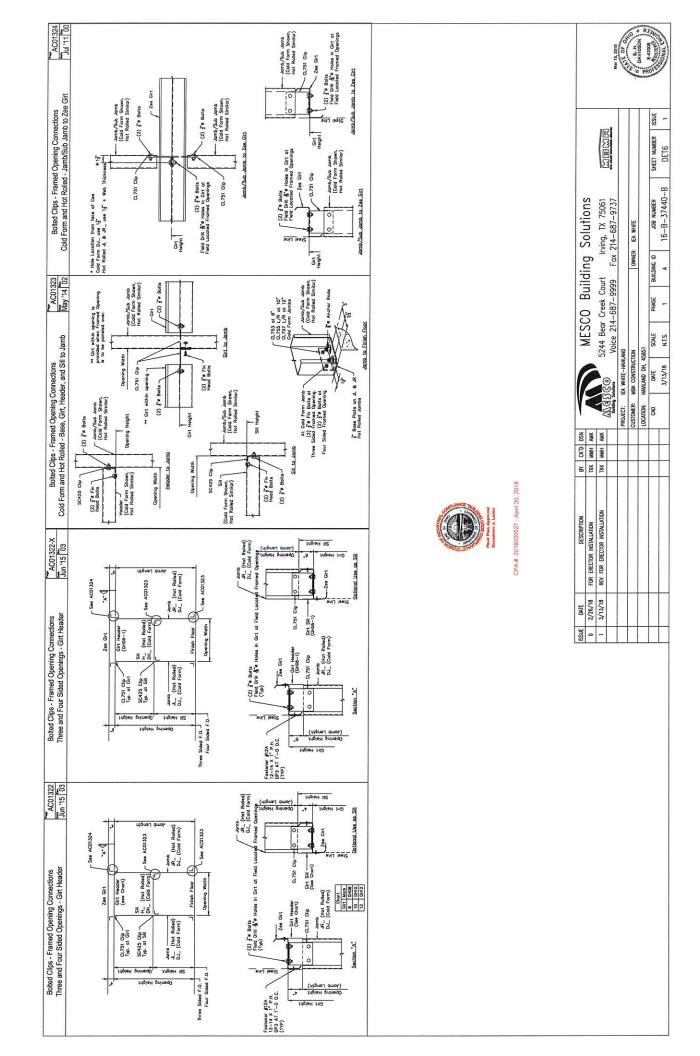


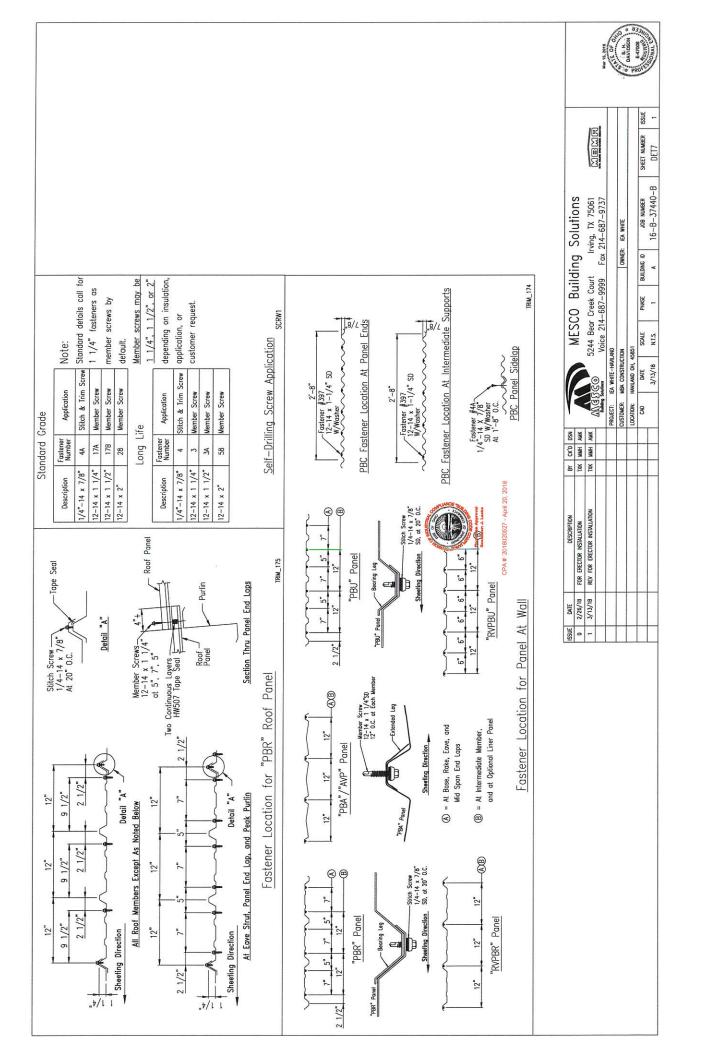


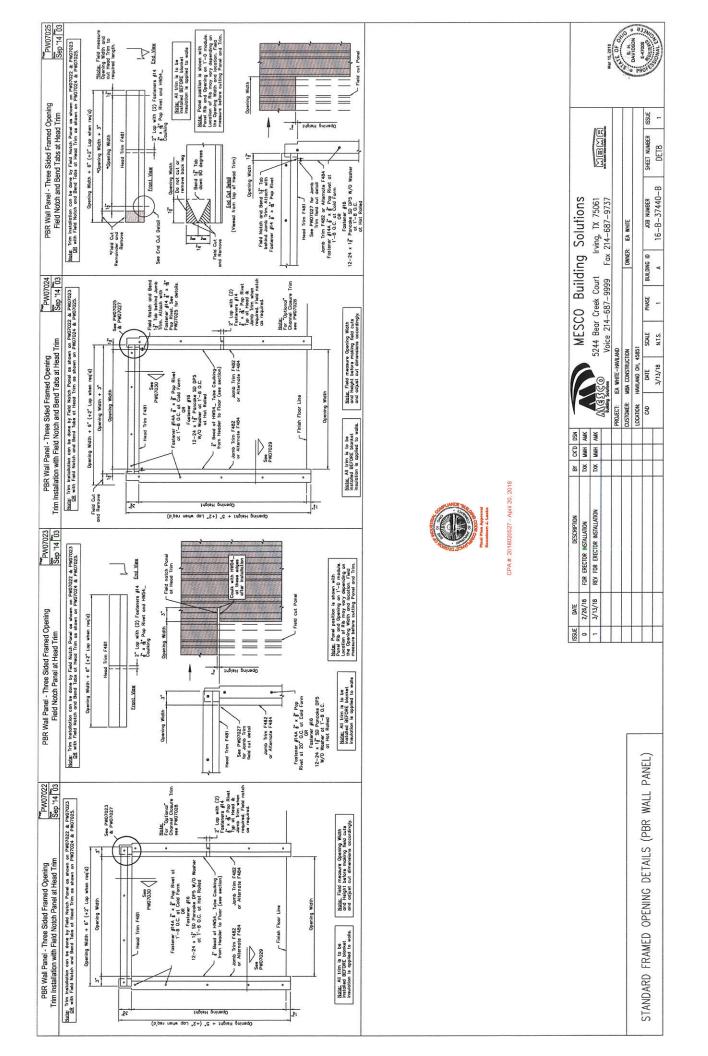


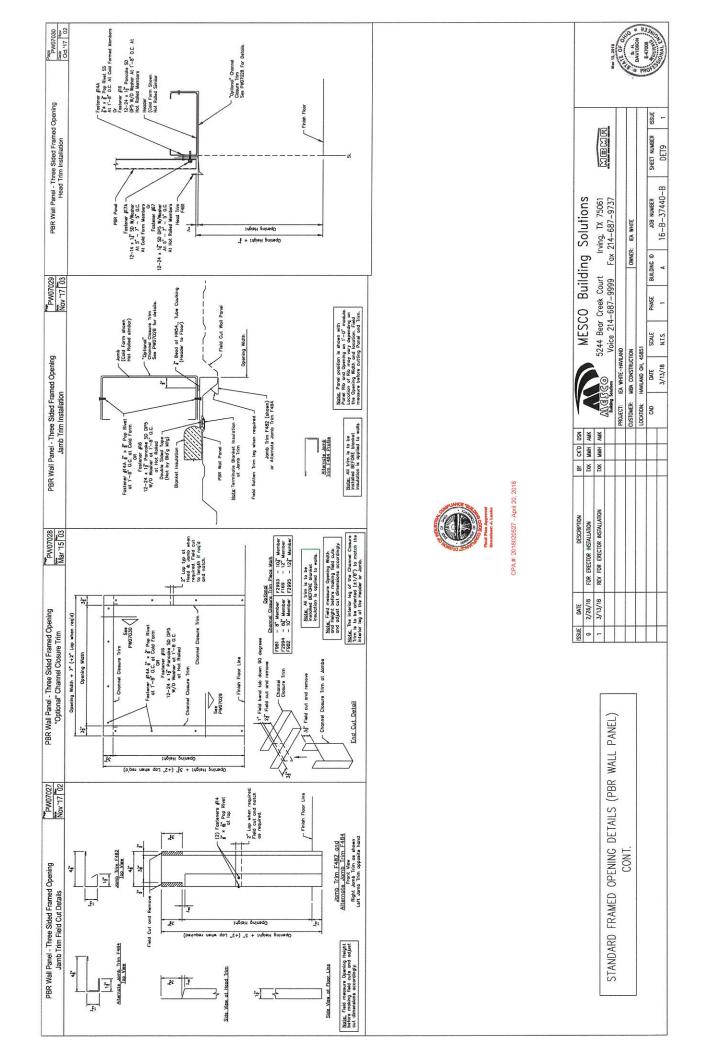


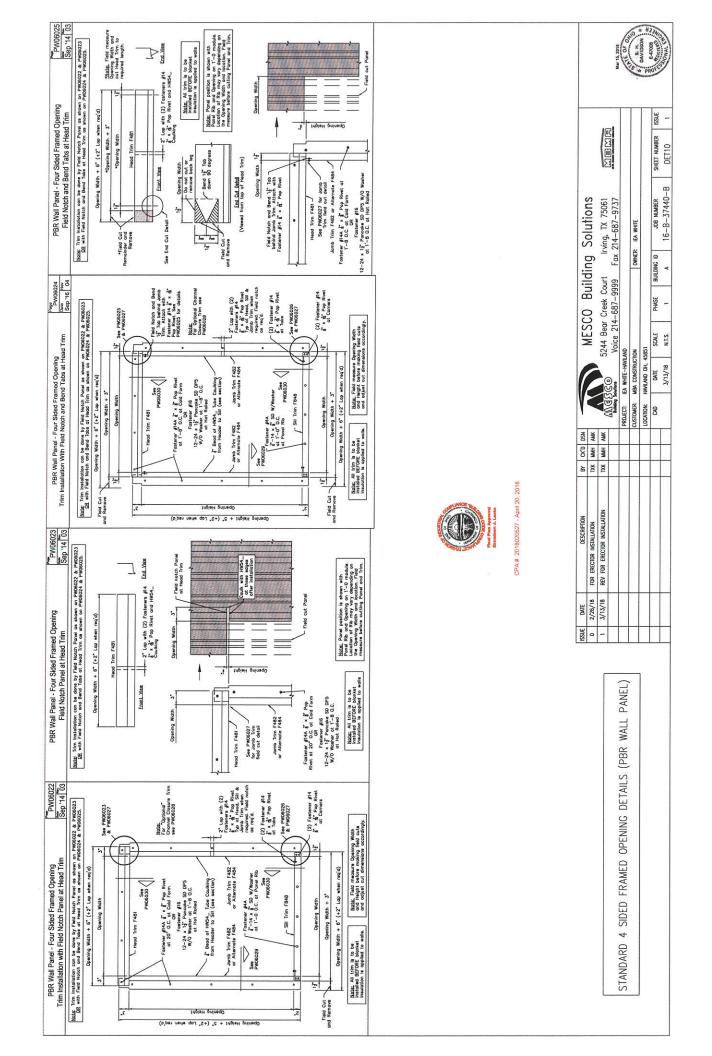


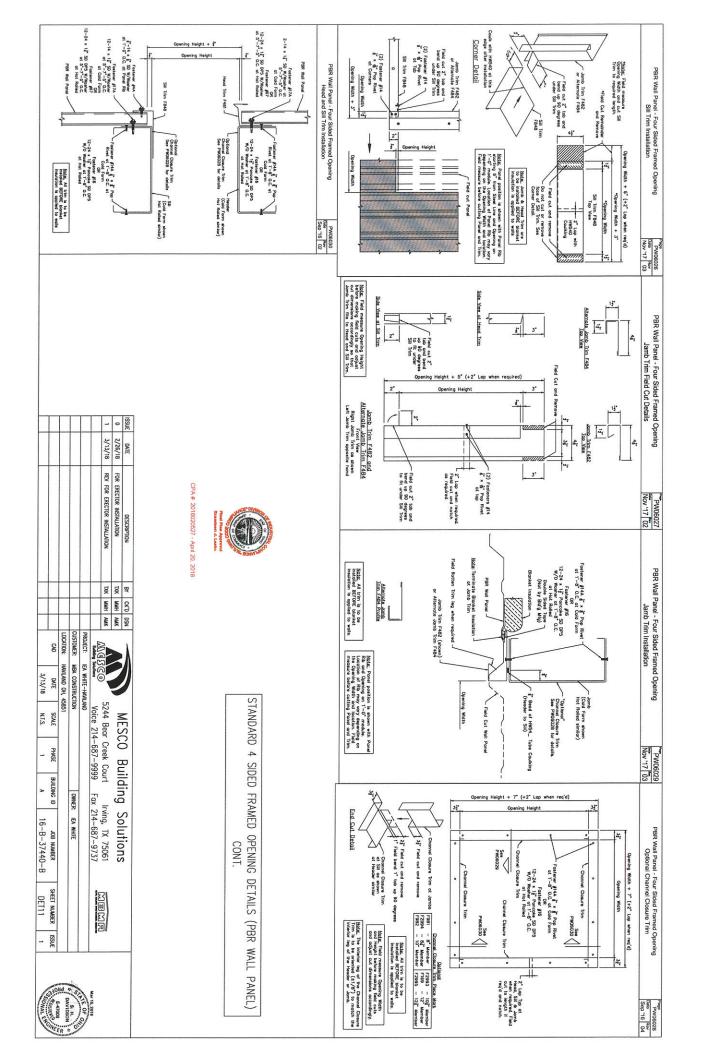












COMcheck Software Version 4.0.8.1

**4** Envelope Compliance Certificate

#### **Project Information**

Construction Site:

Owner/Agent:

Designer/Contractor:

Building Area	Floor Area
1-Office : Nonresidential	2500

#### **Envelope Assemblies**

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor <sub>(a)</sub>
Floor 1: Slab-On-Grade:Unheated, Vertical 2 ft., [Bldg. Use 1 - Office] (c)	200		10.0	0.540	0.540
Roof 1: Other Metal Building Roof, [Bldg. Use 1 - Office] (b)	2500			0.037	0.055
<u>NORTH</u> Exterior Wall 4: Steel-Framed, 16" o.c., [Bldg. Use 1 - Office] Door 2: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	750 72	19.0 	0.0	0.109 0.370	0.064 0.700
EAST Exterior Wall 1: Other Metal Building Wall, [Bldg. Use 1 - Office] (b) Window 1: Vinyl/Fiberglass Frame:Fixed, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.59, VT 0.64, [Bldg. Use 1 - Office] Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Office]	700 48 24		_	0.060 0.600 0.370	0.069 0.350 0.700
	24			0.370	0.700
SOUTH Exterior Wall 3: Other Metal Building Wall, [Bldg. Use 1 - Office] (b) Window 3: Vinyl/Fiberglass Frame:Fixed, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.59, VT 0.64, [Bldg. Use 1 - Office]	750 64	 		0.060 0.600	0.069 0.350
WEST Exterior Wall 2: Other Metal Building Wall, [Bldg. Use 1 - Office] (b) Window 2: Vinyl/Fiberglass Frame:Fixed, Perf. Type: Energy code default, Double Pane with Low-E, Clear, SHGC 0.59, VT 0.64, [Bldg. Use 1 - Office]	700 16			0.060 0.600	0.069 0.350

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) 'Other' components require supporting documentation for proposed U-factors.

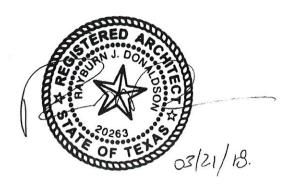
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

#### Envelope PASSES: Design 6% better than code

#### **Envelope Compliance Statement**

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

03/21/18 CANBURN J. Dontosson Name - Title Signature Date



Project Title: Data filename: C:\Users\nkapple\Desktop\HAVILAND.cck Report date: 03/13/18 Page 2 of 9

# COMcheck Software Version 4.0.8.1 Inspection Checklist

## Energy Code: 90.1 (2010) Standard

Requirements: 0.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	□Complies □Does Not □Not Observable □Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Reg.ID	Footing / Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.5.3.3 [FO1] <sup>2</sup>	Below-grade wall insulation R- value.	R	R	Complies Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.5.3.5 [FO3] <sup>2</sup>	Slab edge insulation R-value.	R Unheated	R Unheated	Complies Does Not	See the Envelope Assemblies table for values.
		Heated	Heated	□Not Observable □Not Applicable	
5.8.1.2 [FO4] <sup>2</sup>	Slab edge insulation installed per manufacturer's instructions.			Complies Does Not	2
				□Not Observable □Not Applicable	
5.5.3.5 [FO5] <sup>2</sup>	Slab edge insulation depth/length.	ft	ft	□Complies □Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.8.1.7.3 [FO7] <sup>1</sup>	Insulation in contact with the ground has $<=0.3\%$ water			Complies Does Not	
	absorption rate per ASTM C272.			□Not Observable □Not Applicable	
6.4.4.1.5 [FO11] <sup>3</sup>	Bottom surface of floor structures incorporating radiant heating	R	R	Complies Does Not	See the Envelope Assemblies table for values.
	insulated to >=R-3.5.			□Not Observable □Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Reg.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.2 [FR1] <sup>3</sup>	Factory-built fenestration and doors are labeled as meeting air		ang karier	Complies Does Not	
	leakage requirements.			□Not Observable □Not Applicable	
5.5.4.3a [FR8] <sup>1</sup>	Vertical fenestration U-Factor.	U	U	Complies Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.5.4.3b [FR9] <sup>1</sup>	Skylight fenestration U-Factor.	U	U	Complies Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.5.4.4.1 [FR10] <sup>1</sup>	Vertical fenestration SHGC value.	SHGC:	SHGC:	Complies Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.5.4.4.2 [FR11] <sup>1</sup>	Skylight SHGC value.	SHGC:	SHGC:	□Complies □Does Not	See the Envelope Assemblies table for values.
				□Not Observable □Not Applicable	
5.8.2.1 [FR12] <sup>2</sup>	Fenestration products rated in accordance with NFRC.			Complies Does Not	
				□Not Observable □Not Applicable	
5.8.2.2 [FR13] <sup>1</sup>	Fenestration products are certified as to performance labels			Complies Does Not	
	or certificates provided.			□Not Observable □Not Applicable	
5.8.2.3,5. 5.3.6	U-factor of opaque doors associated with the building	U Swinging	U Swinging	Complies Does Not	See the Envelope Assemblies table for values.
[FR14] <sup>2</sup>	thermal envelope meets requirements.	Nonswinging	Nonswinging	□Not Observable □Not Applicable	
5.4.3.1 [FR15] <sup>1</sup>	Continuous air barrier is wrapped, sealed, caulked, gasketed, and/or taped in an approved manner, except in semiheated spaces and in climate zones 1-6.	tan Control T		Complies Does Not Not Observable Not Applicable	

1 High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
------------------------	---	------------------------	---	---------------------

Section # & Reg.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.1 [IN1] <sup>1</sup>	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.			Complies Does Not Not Observable Not Applicable	
5.5.3.1 [IN2] <sup>1</sup>	Roof R-value. For some ceiling systems, verification may need to occur during Framing Inspection.	R Above deck Metal Attic	R Above deck Metal Attic	Complies Does Not Not Observable Not Applicable	See the Envelope Assemblies table for values.
5.8.1.2,5. 8.1.3 [IN3] <sup>1</sup>	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.			Complies Does Not Not Observable Not Applicable	
5.5.3.2 [IN6] <sup>1</sup>	Above-grade wall insulation R- value.	R Mass Metal Steel Wood	R   Mass   Metal   Steel   Wood	Complies Does Not Not Observable Not Applicable	See the Envelope Assemblies table for values.
5.8.1.2 [IN7] <sup>1</sup>	Above-grade wall insulation installed per manufacturer's instructions.			Complies Does Not Not Observable Not Applicable	
5.5.3.4 [IN8] <sup>2</sup>	Floor insulation R-value.	R Mass Steel Wood	R   Mass   Steel   Wood	□Complies □Does Not □Not Observable □Not Applicable	See the Envelope Assemblies table for values.
5.8.1.1 [IN10] <sup>2</sup>	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.			Complies Does Not Not Observable Not Applicable	
5.8.1.4 [IN11] <sup>2</sup>	Eaves are baffled to deflect air to above the insulation.			Complies Does Not Not Observable Not Applicable	
[IN12] <sup>2</sup>	Insulation is installed in substantial contact with the inside surface separating conditioned space from unconditional space.			Complies Does Not Not Observable Not Applicable	
5.8.1.6 [IN13] <sup>2</sup>	Recessed equipment installed in building envelope assemblies does not compress the adjacent insulation.			Complies Does Not Not Observable Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Project Title: Data filename: C:\Users\nkapple\Desktop\HAVILAND.cck

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.8.1.7 [IN14] <sup>2</sup>	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.			□Complies □Does Not □Not Observable □Not Applicable	
5.8.1.7.1 [IN15] <sup>2</sup>	Attics and mechanical rooms have insulation protected where adjacent to attic or equipment access.			□Complies □Does Not □Not Observable □Not Applicable	
5.8.1.7.2 [IN16] <sup>2</sup>	Foundation vents do not interfere with insulation.			Complies Does Not Not Observable Not Applicable	
5.8.1.8 [IN17] <sup>3</sup>	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.			Complies Does Not Not Observable Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
5.4.3.3 [FI1] <sup>1</sup>	Weatherseals installed on all loading dock cargo doors in Climate Zones 4-	□Complies □Does Not	
	8.	□Not Observable □Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)



Environmental, Geotechnical Engineering & Testing

#### Education

 Mechanical Engineering, The University of Toledo, Toledo, OH

### Certifications

- NACE CIP Level I Cert. No. 8573
- Certified Welding Inspector, American Welding Society, AWS QC1-92, Cert. No. 92030011
- SSI Certified Open Water Diver No. 606960242
- ODOT Coatings Inspector

### Training

- ODOT, Work Type 26, Structural Steel Painting Course
- ODOT, Work Type 57, Sealing of Concrete Surfaces Course
- OSHA 10-Hour Construction Safety Course
- KTA-Tator, Quality Coatings
   Inspection
- Hobart School of Welding Technology, Troy, Ohio, Oxygen Flame Welding, Shielded Metal Arc Welding I and II
- American Welding Society, Columbus, Ohio, Welding Inspection Technology, Structural Steel Code, Practical Inspection
- Terra Technical College, Fremont, Ohio, Training, Levels I and II, Liquid Dye Penetrant, Magnetic Particle
- Kraut Kramer-Branson/Hobart School of Technology, Training, Levels I and II, Ultrasonic

# **Steven P. Obertacz** *Structural Steel Inspector*

#### www.ttlassoc.com

### Summary of Experience

Steven joined TTL in 1986 and has over 32 years of experience in structural steel testing, welding and coatings inspections. He has experience performing quality assurance inspections, both in and out of the laboratory, on a wide variety of projects.

### **Relevant Project Experience**

**LUCAS-75-2.75 Part 1 and Part 2, ODOT Project No. 140268, Toledo, Ohio.** Independent Lead Structural Inspector (ILSI) responsible for the inspection and field documentation of all structural elements on the Project including but not limited to bridges, box culverts, walls, foundations, etc. primarily the structural steel for Oakwood Bridge over I-75.

**ODOT Maintenance Facility, Sandusky County, Ohio.** Lead structural steel inspector performing the steel inspection on this lightly-loaded, single-story, slab-on-grade structure. Testing also being performed includes soil bearing evaluation, soil/stone compaction, concrete testing (steel reinforcement inspection), and asphalt testing. All tests are being performed in accordance with the project plans and specifications.

Third Lane Construction, Contract No. 77-13-01, Mileposts 59.52 To 64.13, Wood & Lucas Counties, Ohio. Lead inspector performing the bridge painting inspections on seven bridges on the Ohio Turnpike.

**BGSU, Wolfe Center for Performing Arts, Bowling Green, Ohio.** Lead structural steel inspector for the construction materials testing services for this 122,000 square foot building constructed of a structural steel frame with concrete slab-on-grade floors and limited load-bearing masonry walls. Structural steel inspection services included visual weld inspection, ultrasonic weld examination, and bolt tension examination.

**University of Toledo, Fetterman Training Center, Toledo, Ohio.** Lead structural steel inspector for the construction material testing services for this 90,400 square-foot new indoor practice facility. Structural steel inspection services included visual weld inspection, ultrasonic weld examination, and bolt tension examination.

**Toledo Public Schools, Toledo, Ohio.** This program consists of the construction/renovation of 55 school facilities. Lead structural steel inspector for the services which included visual weld inspection, ultrasonic weld inspection, bolt torque inspection, paint thickness inspection, steel fabrication shop inspections and fireproofing inspections.

Teamwork - Trust - Leadership Since 1927



Environmental, Geotechnical Engineering & Testing

# Richard M. Grant Engineering Technician

www.ttlassoc.com

## Certifications

- ACI Concrete Field Testing Technician, Level I
- Certificate of Radiological Safety Training and Equipment Operation

### Summary of Experience

Rick joined TTL in 1991 and has over 27 years of experience.

### **Relevant Project Experience**

**The Andersons Corporate Headquarters, Maumee, Ohio.** Lead Engineering Technician for the construction material testing services for this 100,000 + square foot corporate headquarters facility located on 55 acers of land. Services included testing and inspection for shallow foundations, reinforcing steel, concrete testing, asphalt testing, and masonry inspection.

**New Keyser Elementary School, Toledo, Ohio.** Engineering technician who performed the materials testing and inspection services for this new elementary school. The new building was a slab-on-grade structure with a footprint of approximately 46,000 square feet. Services included soil bearing evaluation, soil/stone compaction, concrete testing, concrete steel reinforcement inspection, asphalt testing, structural steel inspection, and special inspection of masonry.

**BGSU Student Dining Commons, Bowling Green, Ohio.** Lead engineering technician for testing and inspection services for this single story slab-ongrade dining hall structure Services included soil bearing evaluations, soil compaction, concrete testing, and special inspection of masonry.

**Daimler Chrysler Bid Pack FP1 – Site Preparation, Toledo, Ohio.** Lead engineering technician for the testing and inspection services for the site preparation work at the Chrysler Jeep project. Services included soil/stone compaction testing, concrete testing, and asphalt testing.

**Maumee CSO Storage Basin, Toledo, Ohio.** Lead engineering technician for the testing and inspection services for the construction of a new combined sewer overflow (CSO) storage basin. The basin is approximately 180 feet long and 100 feet wide. All necessary services were performed including soil bearing evaluation, soil/stone compaction, and concrete/grout testing and inspection.

Teamwork - Trust - Leadership Since 1927



### Department of Commerce

Division of Industrial Compliance John R. Kasich, Governor Jacqueline T. Williams, Director

## **Statement of Special Inspections**

State CPA No.:	
Project Name:	
Project Location:	

Pursuant to section 1704.1.1 Ohio Building Code, this statement of special inspections must be prepared by the registered design professional in responsible charge acting as the owner's agent. This statement (2-part documents) should be submitted as a condition for plan approval and should include the following:

- **Part I**: A complete list of materials and work requiring special inspections and the required frequency of inspections by sections 1704.2 through 1704.16 Ohio Building Code.
- Part II: A list of special inspectors who are qualified and are competent to the particular type of construction or operations. These special inspectors shall be employed by the owner or by the registered design professional in responsible charge acting as the owner's agent. Submit proper resumes and/or certificates of the special inspectors.

\*\* Please mark "X" on all work items requiring special inspection and the required frequency of inspections for this project per requirements in section 1704 OBC.

PART I: SCHEDULE OF SPECIAL INSPECTIONS				
No.	ITEM	Req'd	Continuous Inspection	Periodic Inspection
1	Fabricators: (1704.2 OBC)			
	Structural load-bearing members			
	Structural load-bearing assemblies			
2	Steel Construction (1704.3 OBC)			
	High strength bolts			
	Structural steel materials			
	Structural steel welding			
	Structural steel frame joint details			
3	Concrete construction (1704.4 OBC)			
	Reinforcing steel placement			
	Reinforcing steel welding			*)
	Reinforcing steel bolting			
	• On site concrete testing			
	Concrete application techniques			
	Concrete curing temperature and techniques			
	Pre-stressed concrete			

614 | 644 2622 Fax 614 | 644 3145 TTY/TDD 800 | 750 0750 www.com.ohio.gov

An Equal Opportunity Employer and Service Provider CPA # 2018020527 - April 20, 2018 This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/10/2018 4:17:27 PM

in

## Case No(s). 13-0197-EL-BGN, 16-1687-EL-BGA, 17-1099-EL-BGA

Summary: Notification of Compliance with Condition 9 of the Supplement—State/Federal Permits (Part 1 of 2) electronically filed by Mr. William V Vorys on behalf of Trishe Wind Ohio, LLC