

Property Legal 1	Description:
City of San Anto	onio Building Permit A/P Number:
Dear	
(Choose one or	both)
X	The new roof framing associated with the change in pitch of the roof,
	The adequacy of the roof structural elements to support the change in heavier roof material to tile, at the above referenced address, was inspected for by our office. Qualified individuals from this office visited the site to check the construction. In our opinion, based on our experience, knowledge, information and belief, the structural elements that we observed is in general conformance with the current International Residential Code for residential sites or the current International Building Code for Commercial Sites.

These services do not constitute compliance with Section 1704, "Special Inspections", of the currently adopted

As denoted by the engineering seal on the construction documents and on this letter, we believe that we have fulfilled our obligations as an engineer under the Texas Engineering Practice Act pursuant to its requirements to protect the

International Building Code.

Respectfully,

If you have any questions, please call.

public health, safety, and welfare in the practice of engineering.

## Engineer Signature Stephanie Soloff, PE

WHE CODES		ueae.	METAL WOOD FRAMING HARDWARE:	
NAME CODES: Ness general notes apply to all structural drawings. This here general notes apply to all structural drawings. This he international Building Code (BEC), 2018 Edition and the Indian Other Structural (ASCE/2017-16). If moterial and workmanship shall be in accordance with a pecified obes.	project is designed in accordance with "Minimum Design Loads for Buildings applicable provisions of the codes	#XCD: A. Frenchig lumber shall be Stortham Phie (unless notice otherwise) and as foliase or better: A. Frenchig lumber shall be provided by the provided by th	A. At metal wood framity bardware shall be provided by "Simpson Strong-Tis" or equivolent.  B. At metal bordware shall be installed per manufacturer's recommendations.  C. At metal statemen and hardware in contact with pressure treated lumber shall be list Dipped dehanaled or 25st cooline (0-155).	
LISED IN DESIGN.		201 or larger studes #2 Unices Filters (1 April 201 or 1 April 201		
rovity Leading Roof Snow Loadis: Roof Live Leadis: Roof Dwod Leadis: Floor Dwod Leadis: Floor Dwod Leadis	5 per 20 per 10 per 40 per 10 per	Ga-Lum Beams . 24"-V4 DF/DF urbsas noted otherwise floats . 3 Code Float not These Floats . 2.1 E - Fs 2500  B. All wood construction shall be in conformance with the provisions of "The Notional	SHEATHING and DECKING. A. Roof sheathing/deciding shall be a minimum a rotad 0.58. C-0 inherior grade with exterior 48/24. B. Floor sheathing/deciding shall be a minimum a	
Wind Loading Velocity Ultimate (3 sec gust): Exposure: Risk Factor:	10 pef 115 mph C	6. All word construction shall be nonthermore with the providence of "the facilities from both Construction," where distill manufactures by "Problem" or epitheest or what Construction, and entitle manufactures by "Problem" or epitheest or word more APA Performance Standards, and bendand per manufacturers are constructed as the construction of the construction o	roted 0.S.B. C=0 interior grade with exterior 48/24.  C. Opsum sheathing for shear walls shall be a representations and shall confirm to ASTA COS.	minimum of 1/2" thick and free of
Internal Pressure Coeff., GCpt	-0.18 / 0.18 (Enclosed)	D. Where not otherwise shown on plane, oil nating or screeing shall be as indicated in the current Butching Code. All sheathing must be nailed. Adhesives SHALL NOT be used in place of nailing.	D. Exterior wall sheathing shall be a minimum of	
		F. APA rated CSB may be used in like of plywood with prior approval from Engineer of Record.  G. Minimum treatment for pressure treated lumber shall be as follows:	WRF NAILS:  A. Hall installation and materials shall be in corresponding to the properties.  B. Gun nails must be used in lieu of hand nailing follows:	pilance with AJ.T.C., NDS, and all . Gun nail substitutions shall be as
		Wood not in centact with sell 0.25 ACG     Wood in centact with sell 0.40 ACG     Wood in centact with sell	8d 0.113" x 2.5" 10d 0.123" x 3.0" 12d 0.123" x 3.25"	
INATION: O NOT SCALE PLANS. These construction documents were siding building provided from field measurements of the oreenforks Engineering and Consulting on Ame 28, 2022. I conditions which vary from these shown on these document of Consulting immediately for guidance on recessory other nontractor and/or client shall weifly of dimensions and lays.	e prepared with the information about the se-built building taken by personnel of If the contractor discovers edisting	<ol> <li>Bot holes in lumber shall be drived as bolt diameter plus 1/16".</li> </ol>	C. Note shall have a minimum penetration of 10 otherwise on the plans.  D. Edge distance for all note shall be a minimum	n of 4 times the wire diameter unless
and other action invasible in the absence on reasoning states of the action of the act	ges to be made.  out prior to construction. All dimensions above and any discrepancies shall be Record immediately. Refer to mechanical.		noted otherwise on the plans.  E. All nails listed /specified on the plans shall b	e Common.
actifical and architectural plans for openings not shown or hop drawings shall be prepared by the fabricator. Copyling	n the structural pions. g of these construction documents for			
is on anop ordering will not be permitted.  I temporary shoring shall be the responsibility of the contesting is based on the current applicable building codes its	tractor. Ited above and shall be vold if the			
diding code at the time of construction changes from the	e codes listed above.			
			STRUCTURAL	LEGEND
			SHEET DETAIL & OR LETTER	4 DIAMETER
			S SHEET DETAIL IS ON  SEE PLAN NOTES	(D) DROPPED BEAM
			ET BEAM AIDE SCHEDULE	**
			BI BEAM/HOR SCHEDULE  SD SHEAR WALL SCHEDULE	E.M. EDGE NAUNG EGST. EGSTING
			S) SHEAR WALL SCHEDULE	E.N. EDGE NALING
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			SHEAR WILL SCHEDULE  COL/POST SCHEDULE  SOLD BOX INDICATES LONG FROM ABOVE (CONTINUE POST SCHEDULE)  FOR SCHEDULE	EAL EDGE HAILING ENST. ENSTING F.F. FINISH FLOOR
			SHEAR WALL SCHEDULE  COL, POST SCHEDULE  SOLID BOX ROPACES LOAD  FOST SCHED HOP ROPACHINE  FOST SCHED TO FOUNDATION  BLOW	E.M. EDGE NALING EGST. EGSTNO F.F. FINISH FLOOR (F) FLUSH BEAM
			SHEAR WALL SCHEDULE  COL, POST SCHEDULE  SOLID BOX ROPACES LOAD  FOST SCHED HOP ROPACHINE  FOST SCHED TO FOUNDATION  BLOW	E.M. EDGE NAUMO DEST. DESTING F.F. PINSH FLOOR (F) PLUSH BEAM G.T. GROER TRUSS
			SHEAR WILL SCHEDULE  COL/POST SCHEDULE  SOLD BOX INDICATES LONG FROM ABOVE (CONTINUE POST SCHEDULE)  FOR SCHEDULE	E.N. EDGE NAUMO ERIST. DESTING F.F. PINSH FLOOR (7) FLUSH BEAM G.T. GROEN TRUSS HSS. HOLLOW STRUCTURAL SECTION
			SPEAR WALL SOMEDLE  COL, POST SOMEDLE  SOLD BOX RECEASES CAN POST SOME NO FOUNDATION BOLTON OFFIN BOX RECEASES LONG FOUNDATION FOUND	E.M. EDGE NAUNO  ENST. ENSTNO  F.F. PRISH FLOOR  (7) FLUSH BEAM  O.T. GROER TRUSS  HSS HALOW STRUCTURAL SECTION  K KING STUD
			SPEAN WALL SOMEDLE  COL, POST SOMEDLE  SOLD BOX ROCKATS LONG  FROM ABOVE (CONTRES LONG)	EAL EDGE NAUND DEST. DESTING F.F. PRISH FLOOR G.T. GARDER TRUSS HISS HOLDOR STRUCTURAL SECTION K. HIMS POST K.P. KIMS POST
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			SECONDARIA NAL DOMINAL  COMPANY DESIDENT  COMPAN	EA. EDIC MAUNG DEST: DESTING FF. PRISE FLOOR (9) FLUSH BEAM O. GROOT WAS HIS MAUNG K. GROOT WAS HIS STRUCK WAS K. HIS STRUC K. HIS STRUCK K. HIS STRUCK K. HIS STRUCK K. HIS STRUCK LLM. LONG LES HORGENTAL LLM. LONG LES HORGENTAL LLM. LONG LOS HORGENTAL O.G. ON CONTER O.G. ON CONTER O.G. ON CONTER STRUCK O.G.
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			STATE WAS DEFINED.  On A PORT STORMER  ON A PORT STATE OF TANKNING THE STATE OF TANKNING	EX. DISC MAUNO ERST. DISTING F.F. PRIME FLOOR OF TUSH REAM OF. GROSS THISS HISS MAUNO STRUCTURE, SECTION K.F.N. SHAP POST LLAL LUNG LES WITHOUS WHERE LLAL LUNG LES WITHOUS LUNGER LAL LUNG LES WITHOUS LUNGER LUNG RESTRUCT R







