GENERAL NO	DTES AND SPECIFICA	TIONS	PARAMETERS I
WOOD			
	ERAL: STS UNDER AND PARALLEL TO ALL BEA ALL DE DRILLED 1/32" TO 1/16" OVER		WIND DESIGN
• 2x12 JOISTS SHALL E	BE BLOCKED AT THE SUPPORTS AND AT	8 FEET o.c. (AND	1. BASIC WIND SPEED (3-SEC
	HAN 10" DEPTHS AT THE SUPPORTS AN		IMPORTANCE FACTOR, I=1.0
CROSS BRIDGING.	KING 2" SHALLOWER THAN JOISTS OR A	PPROVED METAL	 WIND EXPOSURE CATEGORY: THE APPLICABLE INTERNAL
	BERS: SOUTHERN PINE Nº2 UNLESS OTH	ERWISE MARKED ON	J. THE AFFLICADLE INTERNAL
THE PLANS.RAFTER TIES SPACED	AT 4 FEET (MAX.) ON CENTER ARE RE	QUIRED IMMEDIATELY	
	S WHICH ARE NOT PARALLEL TO THE R		
NAILING SCHEDULE TABL	LE		CON
JOIST TO SILL OR GIRI BRIDGING TO JOIST, TO		3-8d 2-8d	CONCRETE FOUNDATIO
1"x6" SUBFLOOR OR L	ESS TO EACH JOIST, FACE NAIL	2-8d	
	BFLOOR TO EACH JOIST, FACE NAIL ST OR GIRDER, BLIND AND FACE NAIL	3-8d 2-16d	ALL CONCRETE SHALL ATTAIN 1 FOOTINGS AND SLAB-ON-GRAD
	OR BLOCKING, TYPICAL FACE NAIL OR BLOCKING, AT BRACED WALL PANE		BAR SPLICES IN CONCRETE
TOP PLATE TO STUD,	END NAIL	2–16d	MAY BE WIRED TOGETHER, U
STUD TO SOLE PLATE DOUBLE STUDS FACE	· ·	0R 2-16d, END NAIL 16d @24"o.c.	
DOUBLED TOP PLATES DOUBLE TOP PLATES,	•	16d @16"o.c. 8-16d	
BLOCKING BETWEEN JO	DISTS OR RAFTERS TO TOP PLATE, TOEI	NAIL 3-8d	ADDITI
	ND INTERSECTIONS, FACE NAIL		
	TWO PIECES 16d @ o.		CONTRACTORS RESPONSIBLE
CONTINUOUS HEADER	TO STUD, TOENAIL OVER PARTITIONS, FACE NAIL		RESISTING SYSTEM/COMPONE SHALL SUBMIT A WRITTEN S
CEILING JOISTS, LAPS CEILING JOISTS TO PA	OVER PARTITIONS, FACE NAIL RALLEL RAFTERS, FACE NAIL	3-16d 3-16d	INSPECTORS AND THE OWNER
RAFTER TO PLATE, TC		3-8d	SYSTEM OR COMPONENT PER
1"x8" SHEATHING OR	LESS TO EACH BEARING, FACE NAIL	2-8d	IF ADVERSE SOIL CONDITIONS
WIDER THAN 1"x8" SH BUILT IT-UP CORNER	EATHINGS TO EACH BEARING, FACE NAI STUDS	L 3-8d 16d @24"o.c.	MAY BE REQUIRED.
	BEAMS 20d @32" o.c. AT TOP & BOTTC	M 2-20d @ ENDS	PERIODIC SPECIAL INSPECTIO
2"x PLANKS		2-16d@ EACH	PANELS, AND DIAPHRAGMS,
OOD SHEAR AND	DIAPHRAGMS [.]	BEARING	FASTENING COMPONENTS OF INSPECTION BY A DEPUTY IN
	BE USED FOR ALL DIAPHRAGMS AND SH	IEAR WALL NAILING.	OF THE SHEATHING IS 4 INC
AT PANELS EDGES, AND	THICK PLYWOOD CDX WITH INDEX 32/1) 8d NAILS @ 12" o.c. AT PANEL FIELD	ALLOW 1/8" SPACING AT	 FOUNDATION SILLS SHALL BE WOOD.
	OTHERWISE RECOMMENDED BY THE PA "THICK PLYWOOD CDX WITH INDEX 32		
	PANEL EDGES AND 10"o.c. IN THE FIL		 FIELD WELDING TO BE DONE STRUCTURAL STEEL. CONTINU
AT PANEL EDGES, UNLE <u>Plywood diaphragms</u> :	SS OTHERWISE RECOMMENDED BY THE PRODUCT STANDARD PS 1-95, SOUTH	PANEL MANUFACTURER. ERN PINE.	• SHOP WELDS MUST BE PERF
MINIMUM OF TWO 15# (CO OVER PLYWOOD SHEAR WALL WILL B GRADE D) UNDERLAYMENTS. NG TO BE INSPECTED BEFORE COVERING		SHOP.
PLYWOOD SHALL BE PE	RE TO BE INSPECTED BEFORE COVERING RPENDICULAR TO SUPPORTS. FLOOR SH PANELS EDGES. PLYWOOD SPANS SHALL	ALL HAVE TONGUE AND	 LOCAL COUNTY LICENSED FA
2304.7. WOOD CONSTRUC	CTION		 PROVIDE LEAD HOLE 40%-70 SMOOTH SHANK PORTION.
STRUCTURAL LUMBER SH	IALL BE GRADE-MARKED SOUTHERN PIN	E	
RAFTERS	2 TO 4 WIDE UP TO 6 DEEP	No. 2	 A COPY OF THE LOCAL STATISTICATION SHALL BE MADE AVAILABLE
JOISTS	2 TO 4 WIDE, 8" OR LARGER 2 TO 4 WIDE, 6 AND DEEPER	No. 2 No. 2	
BEAMS, PURLINS	OVER 4 WIDE	No. 1	 HOLD-DOWN CONNECTOR BO WASHERS: AND HOLD-DOWN
SUB-PURLINS LEDGERS	2 TO 4 WIDE, 4 DEEP	No. 1 No. 2	PRIOR TO COVERING THE WA
STUDS	2x4 OR 3x4	No. 2	REQUIRE STEEL PLATE WASH
STUDS POSTS	2x6	No. 2 No. 2	STATE BUILDING CODE.
SILLS, PLATES AND BLOCKING		No. 2	ROOF DIAPHRAGM NAILING T
	ARING ON CONCRETE OR MASONRY W	HICH IS WITHIN 48" OF	PLYWOOD SHALL BE PERPEN AND GROOVE OR BLOCKED F
EARTH SHALL BE PRE	ESSURE TREATED, OR EQUAL, WOOD	SILL PLATES SHALL BE	TABLE 2304.7.
	ATION WITH 5/8" DIAMETER x 10" B		
	TS MIN. PER PIECE. WHERE DIFFERENT SHALL GOVERN. INSTALL WITH 3"x3	,	 ALL DIAPHRAGM AND SHEAR GALVANIZED BOX.
PARALLAM BEAMS MUS	T BE FABRICATED IN A LOCAL COUNTY		• ALL BOLT HOLES SHALL BE
JOISTS SHALL BE BLO	CKED AT SUPPORTS AND BRIDGED OR ARE 2x12 OR DEEPER.	BLUCKED AT INTERVALS	HOLD-DOWN HARDWARE MUS
JOISTS UNDER NON-BE	ARING PARTITIONS SHALL BE DOUBLED, SHALL BE PRE-DRILLED TO SHANK DI		INSPECTION.
AND SCREWED (NOT DR			
HEADS OF LAGBOLTS.	BE PLACED UNDER HEADS AND NUTS O ONE CUT WASHER SHALL BE USED F ICRETE OR MASONRY WALLS.		
. ALL HARDWARE USED PRODUCTS. INSTALL PE	FOR WOOD CONNECTION SHALL B ER MANUFACTURERS RECOMMENDATION	S. ALTERNATE PRODUCTS	
ENGINEER.	TED IF WRITTEN APPROVAL AND ACCE VE A MOISTURE CONTENT NOT TO EXCE		
FABRICATION OR CONST	RUCTION.		
D PROVIDE LEAD HOLE A	0%-70% OF THREADED SHANK DIA. AN	D FULL DIA. FOR SMOOTH	
SHANK PORTION.	<u>g</u> in stud walls at ceiling and flo	OR LEVELS, AT EACH 10"	
SHANK PORTION. 1. <u>PLACE 2" FIREBLOCKING</u> HEIGHT OF STUDS, AND	<u>G</u> IN STUD WALLS AT CEILING AND FLO BETWEEN STAIR STRINGERS AT SUPPO SHEAR NAILING SHALL UTILIZE COMMO	RTS.	

DESIGN FBC 2023

COND GUST), MILES PER HOUR = 146 mph AND OCCUPANCY CATEGORY = II: C (CASE 1) PRESSURE COEFFICIENT =0.18

ICRETE NOTES

N, FLOOR SLABS,

THE FOLLOWING MINIMUM STRENGTHS AT 28 DAYS: E = 2500 PSISHALL BE LAP 40 BAR DIAMETERS MINIMUM, AND UNLESS OTHERWISE NOTED ON PLANS.

IONAL NOTES

FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE ENT LISTED IN THE "STATEMENT OF SPECIAL INSPECTION" STATEMENT OF RESPONSIBILITY TO THE LOCAL COUNTY ER PRIOR TO THE COMMENCEMENT OF WORK ON SUCH SEC. 1709.1.

ARE ENCOUNTERED, A SOILS INVESTIGATION REPORT

ON IS REQUIRED FOR WOOD SHEAR WALLS, SHEAR INCLUDING NAILING, BOLTING, ANCHORING, AND OTHER THE SEISMIC FORCE RESISTING SYSTEM. SPECIAL NSPECTOR IS REQUIRED WHERE THE FASTENER SPACING CHES ON CENTER OR LESS.

NATURALLY DURABLE OR PRESERVATIVE-TREATED

BY WELDERS CERTIFIED BY THE LOCAL COUNTY FOR UOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED.

FORMED IN A LOCAL COUNTY LICENSED FABRICATOR'S

ABRICATOR IS REQUIRED FOR STRUCTURAL STEEL.

0% OF THREADED SHANK DIA. AND FULL DIA. FOR

TE RESEARCH REPORT AND/OR CONDITIONS OF LISTING AT THE JOB SITE.

DLTS INTO WOOD FRAMING REQUIRE APPROVED PLATE is shall be finger tight and ½ wrench turn jus† ALL FRAMING. CONNECTOR BOLTS INTO WOOD FRAMING HERS IN ACCORDANCE WITH TABLE 2305.5 OF LOCAL

TO BE INSPECTED BEFORE COVERING. FACE GRAIN OF NDICULAR TO SUPPORTS. FLOOR SHALL HAVE TONGUE PANEL EDGES. PLYWOOD SPANS SHALL CONFORM WITH

WALL NAILING SHALL UTILIZE COMMON NAILS OR

DRILLED $\frac{1}{32}$ " TO $\frac{1}{16}$ " OVERSIZED.

ST BE SECURED IN PLACE PRIOR TO FOUNDATION

OWNER

CONTACT

TWA ENGINEERING & CONSULTING, PLLC 41 Centimeters Dr, Mauldin, SC 29662, USA E-Mail: toufic.awad@twaengineers.com Phone:7867778727

CODE DATA

PROJECT NAME:

PROPOSED CEILING ADDITION

PROPERTY ADDRESS: 175 116TH AVE, TREASURE ISLAND FL UNIT#203 33706

CITY: TREASURE ISLAND

33706

ZIP CODE:

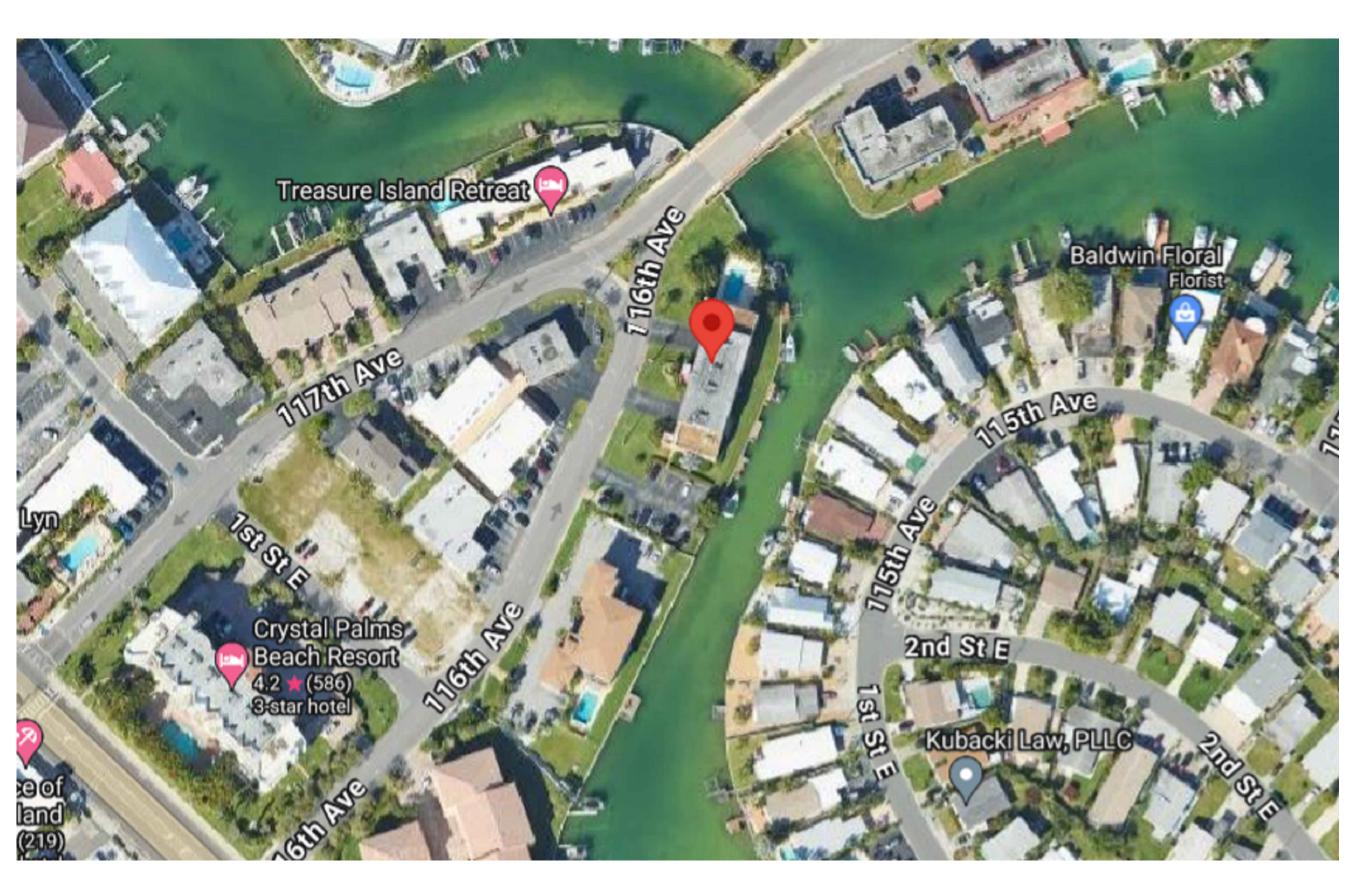
LOCAL JURISDICTION:

CODE UTILIZED:

2018 INTERNATIONAL **RESIDENCE CODE** 2023 FLORIDA BUILDING CODE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2018 (NDS)

SHEET INDEX

COVER SHEET & GENERAL NOTES S-1.0 S-2.0 STRUCTURAL PLAN



SITE MAP

PROJECT DESCRIPTION

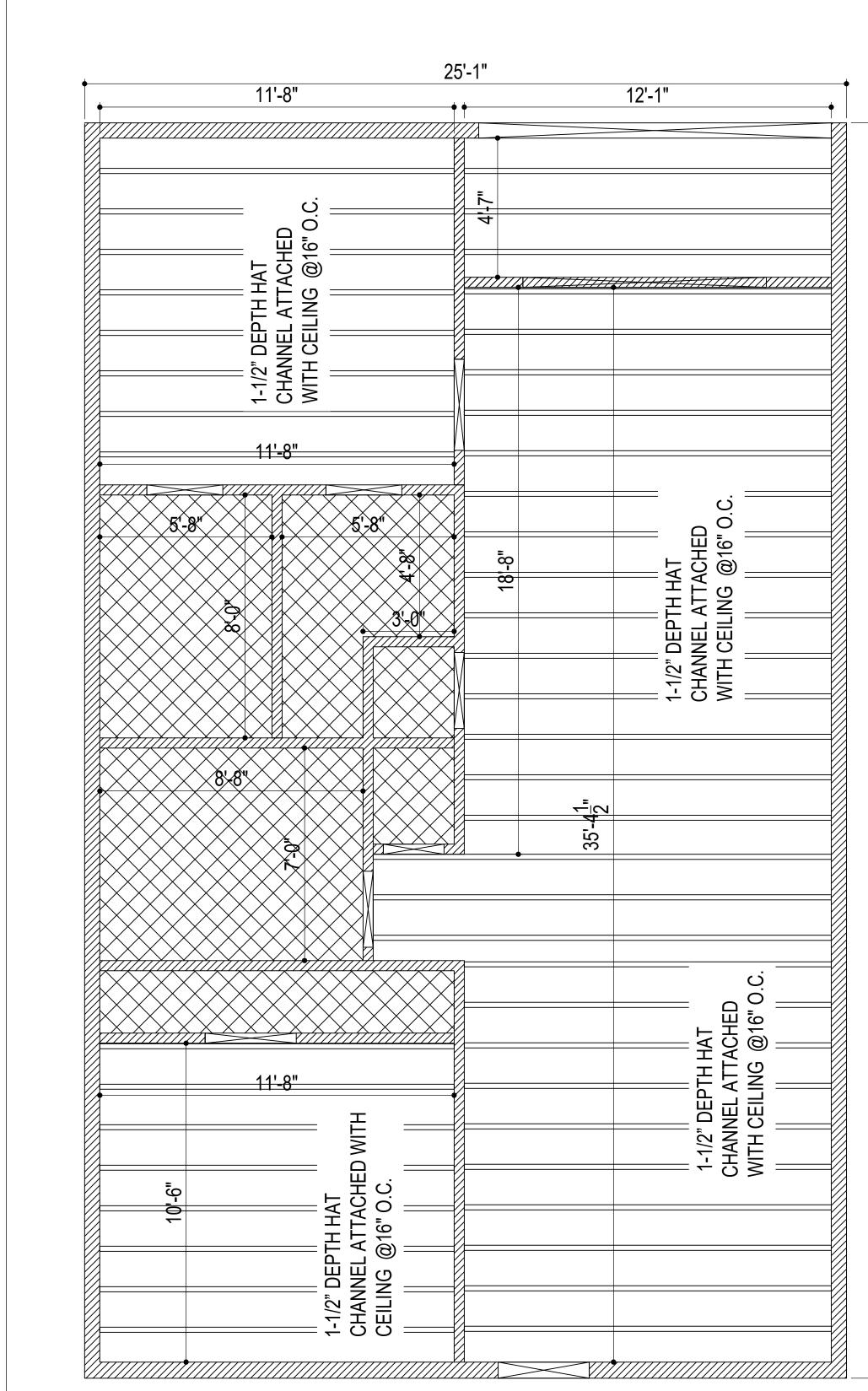
PROPOSED CEILING ADDITION AT 175 116TH AVE, TREASURE ISLAND FL 33706

STRUCTURAL ENGINEER

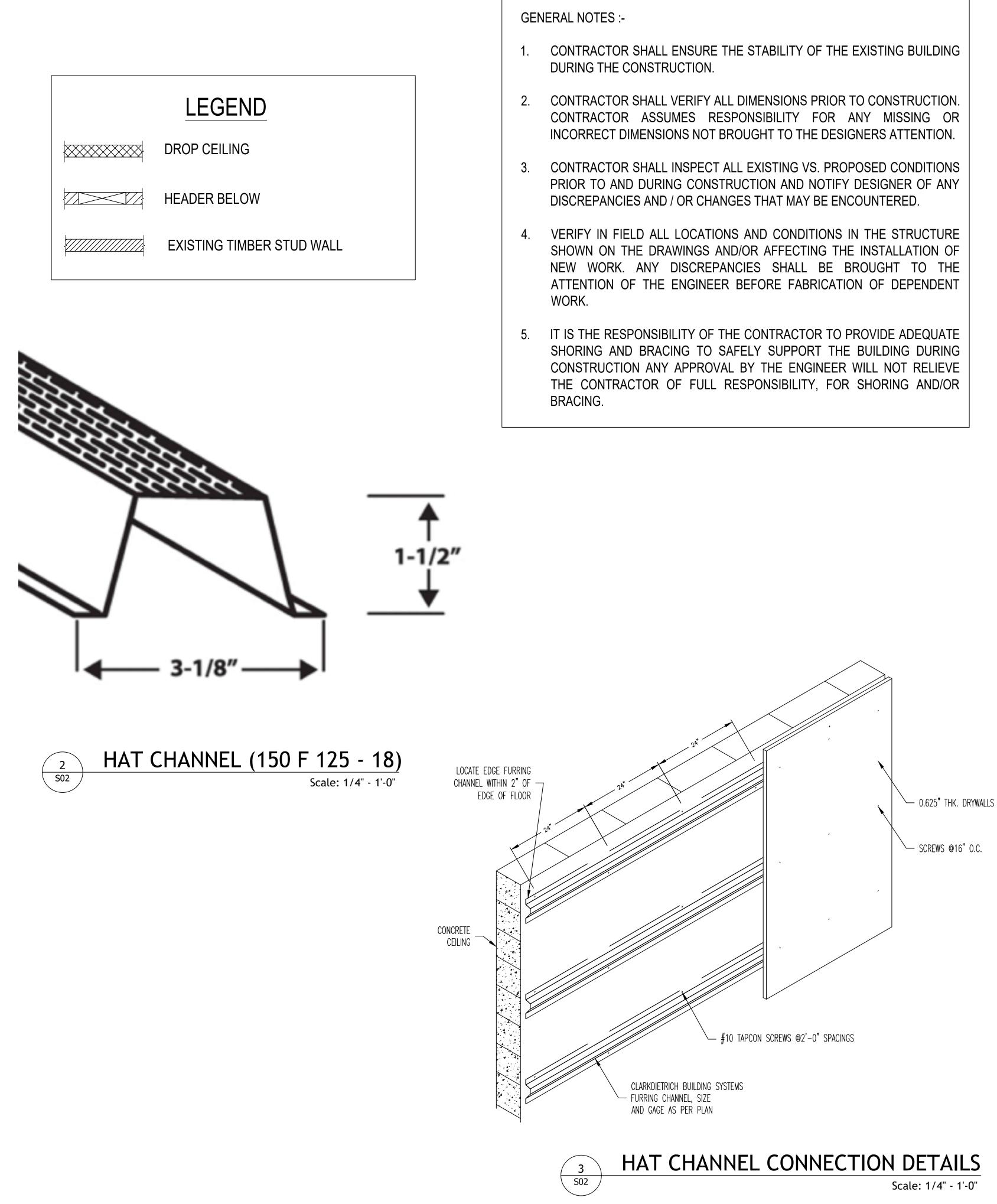
TWA ENGINEERING & CONSULTING, PLLC 41 Centimeters Dr, Mauldin, SC 29662, USA

	REVISION LOG	
REV NO	DESCRIPTION	DATE

TWA ENGINEERING & CONSULTING, PLLC 11 Centimeters Dr, Mauldin SC 29662
CEILING ADDITION 175 116th Ave, Treasure Island, Florida, 33706
STAMP







RKDIETRICH	BUILDING	SYSTEMS
RRING CHANN	NFL. SIZE	
) GAGE AS		

SHEET NUMBER	CONSUL 41 Centi	GINEERING & TING, PLLC meters Dr, SC 29662
DRAWN BY: Project Issue Date Revision Schedule Number Description Date 00 SUBMISSION 02/14 SHEET NAME SHEET NAME	CEILING ADDIT	16th Ave, Treasure Island, Florida, 3370
PLANS	DRAWN BY: Project Revis Number 00 S	t Issue Date sion Schedule Description Date SUBMISSION 02/14