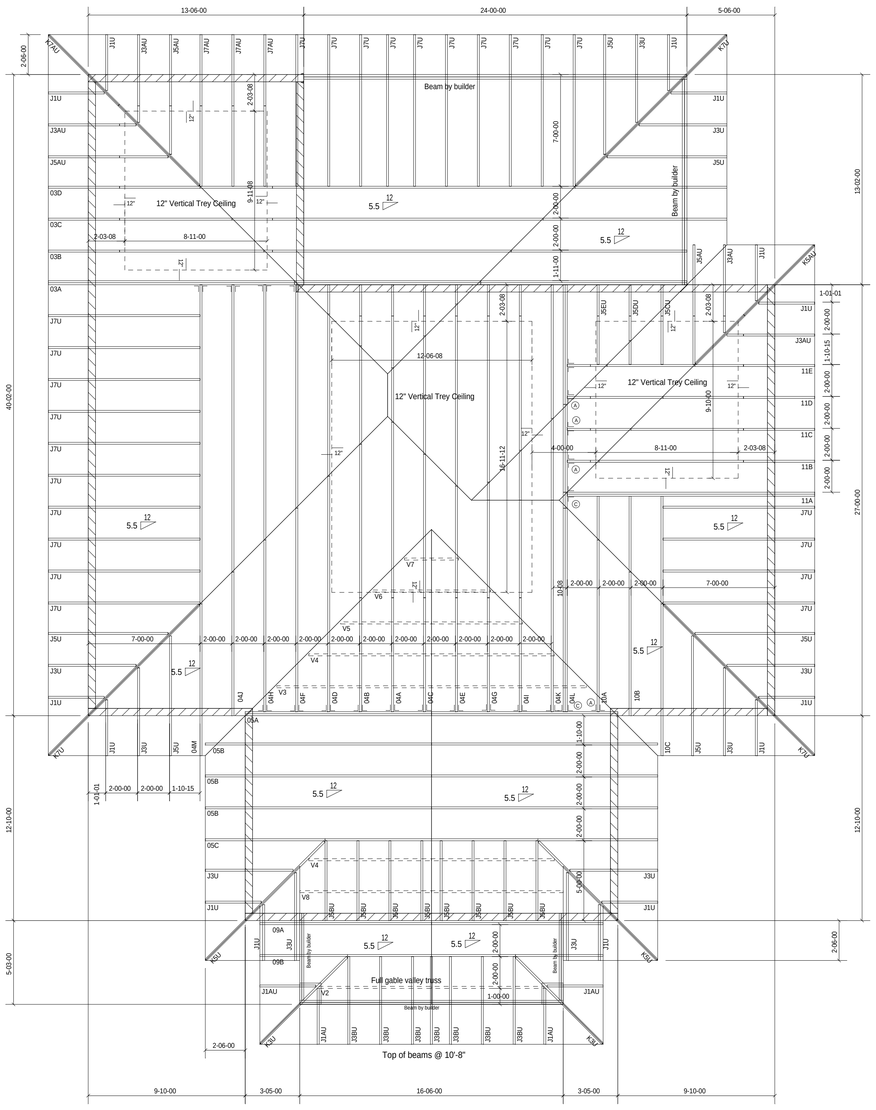

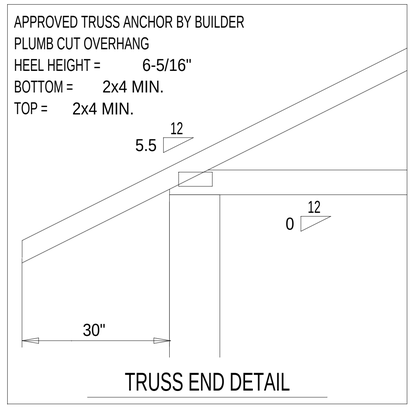

TRUSS END DETAIL

This layout created from building plans Dated: 2/15/19

*** Approved By : _____ Delivery Date : _____

Please Print Name: _____ Employed By: _____ Approval Date _____

TIBBETTS LUMBER CO., LLC
21033 S.R.54 LUTZ, FL
Phone: (813) 948-7584 Fax: (813) 948-0362

CLIENT APPROVAL

*** Signature of this document acknowledges that the client has reviewed this truss placement diagram in its entirety and is in agreement with the following items, including, but not limited to:

A.) The client is responsibility to verify the accuracy of information submitted for use in design, fabrication, and scheduling. Any labor, material, or time delay incurred from inadequate or incorrect information supplied from the client will be at the client's expense. Any field measurements, by an associate of Tibbetts Lumber Co. LLC, are performed as a courtesy to the client and shall be verified by the client.

B.) Design Criteria: The client acknowledges that the truss design criteria noted on this truss placement diagram meets or exceeds the design criteria specified by the building designer, engineer of record, and local and state building requirements.

C.) Fabrication and Delivery: One approved truss placement diagram must be returned to the truss manufacturer before fabrication and delivery will be scheduled. It is the client's responsibility to coordinate delivery dates with the truss manufacturer. The client shall provide a marked location for delivery, which must be accessible, level and clear of materials and debris, in lieu of this, trusses will be delivered in the best available location at our driver's discretion. Care and handling of the trusses following delivery is the responsibility of the client.

D.) Installation & Bracing: BCSI 2008 (Building Component Safety Information) WTCA / TPI guidelines shall be followed when handling, installing & bracing trusses. Temporary and / or permanent bracing and blocking is not included in the truss package. Trusses shall be braced to prevent rotation and provide lateral stability in accordance with the requirements specified in the construction documents for the building and on the individual truss design drawings. The overall stability of the truss system is the responsibility of the building designer.

E.) Field framing: 1.) Tray ceilings and other ceiling transitions may require field framing by others. 2.) Ceiling drops and valleys not shown are to be field framed by others. 3.) Overhangs may be over-length - cut to fit in the field. Overhangs are 2x4 or 2x6 - no blocking is applied. Corner jacks will be square cut and hip jacks will be double beveled.

F.) Repairs: Truss related problems are to be reported to the truss manufacturer ASAP, preferably in writing. Do Not Cut Any Trusses before contacting the truss manufacturer with specifics of the problem. Any field modifications made without an engineered repair drawing will be the responsibility of the client. No back charges or crane charges of any kind will be accepted, unless specifically approved in writing by the truss manufacturer's management.

G.) This Truss Placement Diagram was not created by an engineer, rather by Tibbetts Lumber Co. LLC staff, and is purely to be used as an installation guide and does not require a seal. Truss design analysis are on the Truss Design Drawings which may be sealed by the Truss Design Engineer.

TYPICAL DESIGN CRITERIA

Floor: Load: 55# psf; 40 TCLL, 10 TCDL, 00 BCLL, 05 BCDL; Dur.: 1.00
Design checked for 10psf non-concurrent LL on BC.

Roof: Load: 118# psf; 20 TCLL, 73 TCDL, 00 BCLL, 10 BCDL; Dur.: 1.25
Design checked for 10psf non-concurrent LL on BC.

Mitek Engineering			Exposure	:	B
Building Code	:	FBC 2017	Mean Height	:	≤ 30'
	:	ASCE 7-10	Bldg. Cat.	:	II
	:	TPI 1-2014	Importance Factor	:	1.00
Truss Design	:	Comp. & Cladding	Enclosure	:	Enclosed
Uplift Calculations	:	MWFRS	Entry	:	Exposed to Wind
Wind Speed	:	145 mph US	Lanai	:	Exposed to Wind

ROOF CRITERIA			FLOOR CRITERIA		
T.C. Pitch	:	5.5 / 12	T.C. Size	:	PC42
B.C. Pitch	:	. / 12	Depth	:	16"
T.C. Size	:	2 x 4	Spacing	:	24"
Heel Hgt.	:	6-5/16"	Bearing	:	8"
Bearing	:	8"	Lumber	:	SYP
Cantilever	:	.			
Overhang	:	30"			
O.H. Cut	:	Plumb			
Spacing	:	24" O.C.			
Lumber	:	SYP			

Vapor barrier between floor & concrete by other.
Floor trusses held back 3/4" at exterior wall, block & fill by other. Blocking for transfer of vertical load from above by others. Odd space floor trusses around plumbing as noted.

BRG. SCHEDULE

9'-4" Brg. Hgt.	Brg. Hgt.
Brg. Hgt.	Brg. Hgt.
Brg. Hgt.	Brg. Hgt.
Brg. Hgt.	Non-Brg. Wall

All Bearing Heights Above Finished Floor

CONNECTORS

ROOF TRUSS TO TRUSS CONNECTORS					
TYP.: THD26					
(A) JUS24	(G) THDH28-2	(M) HJC26			
(B) THD26-2	(H) THDH28-3	(N) THDH26-2IFL			
(C) THDH26-2	(I) THDH210-3	(O) .			
(D) THDH26-3	(J) GTWS2T	( ) .			
(E) THD28	(K) GTWS3T	( ) .			
(F) THDH28	(L) GTWS4T	( ) .			

FLOOR TRUSS TO TRUSS CONNECTORS			
TYP. : THD46			
(P) THDH46	(V) MSH422IF		
(Q) THD48	(W) MSH426		
(R) THDH48	(X) MSH426IF		
(S) THDH410	(Y) .		
(T) THDH610	(Z) .		
(U) MSH422	( ) .		

Installation shall be per connector manufacturer's guidelines. All connectors and tie downs, other than truss to girder truss connectors, are to be specified and supplied by others.

UPLIFT SUMMARY

(1)	R: .	U: .	(11)	R: .	U: .	(21)	R: .	U: .			
(2)	.	.	(12)	.	.	(22)	.	.			
(3)	.	.	(13)	.	.	(23)	.	.			
(4)	.	.	(14)	.	.	(24)	.	.			
(5)	.	.	(15)	.	.	(25)	.	.			
(6)	.	.	(16)	.	.	(26)	.	.			
(7)	.	.	(17)	.	.	(27)	.	.			
(8)	.	.	(18)	.	.	(28)	.	.			
(9)	.	.	(19)	.	.	(29)	.	.			
(10)	.	.	(20)	.	.	(30)	.	.			

Only Points Listed Above have Reaction >5000 or Uplift >1000
Values shown on the sealed Truss Design Drawings supersede the above.

NOTES

(N1) .
(N2) .
(N3) .
(N4) .
(N5) .
(N6) .
(N7) .
(N8) .
(N9) .

Diamond indicates left side of truss on truss design drawings.

CLIENT INFO.

Client : Deeb Family Homes
Project : New Residence
Address : 348 Shore Drive E.
Oldsmar, FL

REV.

. . .
. . .
. . .

Date	:	3/5/19	Scale	:	NTS D=.9
Revised	:	.	Drawn By	:	Scott Butler
Sheet #	:	1 of 1	Job #	:	413220-R