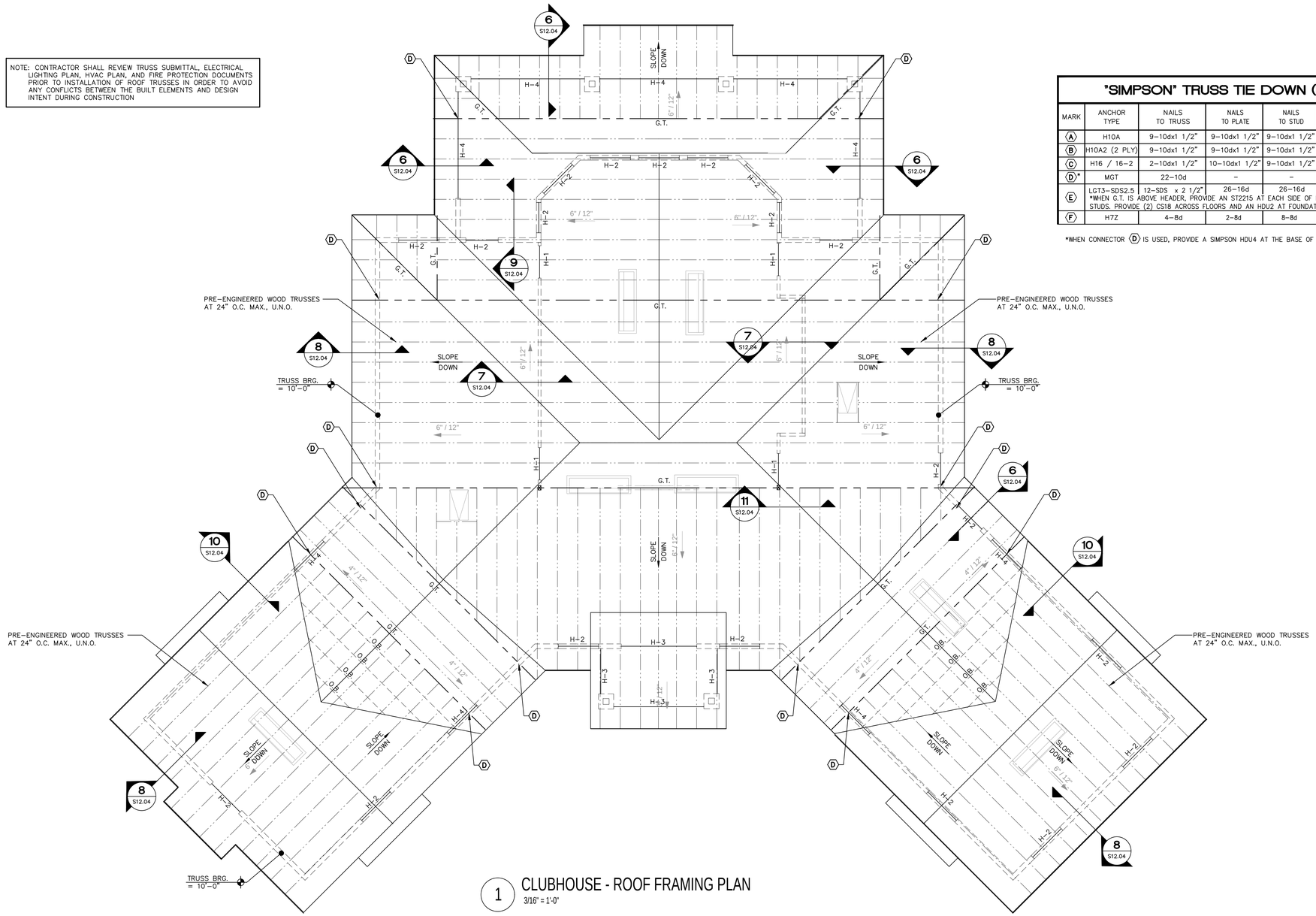
NOTE: CONTRACTOR SHALL REVIEW TRUSS SUBMITTAL, ELECTRICAL LIGHTING PLAN, HVAC PLAN, AND FIRE PROTECTION DOCUMENTS PRIOR TO INSTALLATION OF ROOF TRUSSES IN ORDER TO AVOID ANY CONFLICTS BETWEEN THE BUILT ELEMENTS AND DESIGN INTENT DURING CONSTRUCTION



1 CLUBHOUSE - ROOF FRAMING PLAN
3/16" = 1'-0"

"SIMPSON" TRUSS TIE DOWN (U.N.O.)

MARK	ANCHOR TYPE	NAILS TO TRUSS	NAILS TO PLATE	NAILS TO STUD	BOLTS	ALLOWABLE UPLIFT	LATERAL LOAD PARALLEL TO WALL	LATERAL LOAD PERPEND. TO WALL
(A)	H10A	9-10dx1 1/2"	9-10dx1 1/2"	9-10dx1 1/2"	-	1340 #	590 #	285 #
(B)	H10A2 (2 PLY)	9-10dx1 1/2"	9-10dx1 1/2"	9-10dx1 1/2"	-	1245 #	815 #	260 #
(C)	H16 / 16-2	2-10dx1 1/2"	10-10dx1 1/2"	9-10dx1 1/2"	-	1340 #	590 #	285 #
(D)*	MGT	22-10d	-	-	5/8"ø	3965 #	-	-
(E)	LGT3-SDS2.5	12-SDS x 2 1/2"	26-16d	26-16d	-	9715 # MIN	-	-
	*WHEN G.T. IS ABOVE HEADER, PROVIDE AN ST2215 AT EACH SIDE OF HEADER TO BEARING STUDS. PROVIDE (2) CS18 ACROSS FLOORS AND AN HDU2 AT FOUNDATION FOR EACH SIDE							
(F)	H7Z	4-8d	2-8d	8-8d	-	985 #	400 #	-

*WHEN CONNECTOR (D) IS USED, PROVIDE A SIMPSON HDU4 AT THE BASE OF THE SUPPORT FRAMING (DOUBLE STUDS) TO FOUNDATION

ROOF FRAMING PLAN NOTES:

1. TRUSS BEARING (BOTTOM CHORD OF TRUSS) ELEVATION AS SHOWN ON PLAN, VERIFY WITH ARCHITECTURAL DRAWINGS. SEE SECTIONS FOR BEARING CONDITIONS. SEE ARCHITECTURAL DRAWINGS FOR AREAS WHERE TRUSS BOTTOM CHORD IS BUILT DOWN.

2. WOOD TRUSSES SHALL BE SPACED 2'-0" O.C. MAXIMUM. SEE PLAN FOR ROOF LINES AND ROOF PITCHES. SEE ARCHITECTURAL DRAWINGS FOR TRUSS PROFILES, FLAT CHORD AREAS, PITCHED ROOF AREAS AND PARAPET WALL HEIGHTS. WOOD ROOF TRUSSES SHALL HAVE PARAPET WALLS BUILT INTO THE TRUSS. INSTALL ROOF TRUSSES PER APPROVED TRUSS SHOP DRAWINGS. WHERE TRUSSES ARE PARALLEL TO SHEAR WALL, LOCATE TRUSS DIRECTLY ABOVE SHEAR WALL.

   G.T. INDICATES A ROOF GIRDER TRUSS WITH SPECIAL LOADING CONDITION.

3. DELEGATED TRUSS ENGINEER TO DESIGN TRUSSES FOR ROOF TOP MECHANICAL LOADS. TRUSS FABRICATOR'S ENGINEER SHALL TAKE INTO ACCOUNT ADDITIONAL LOADS ON BOTTOM CHORD FROM VENTING SYSTEMS OVER COOKING AREAS. TRUSS DESIGNS SHALL INCLUDE BUILT-DOWN FRAMING ON CERTAIN TRUSSES, ADD A MINIMUM OF 5 PSF DEAD LOAD TO BOTTOM CHORD. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF BUILT-DOWN LOCATIONS.

4. SHADED WALLS INDICATE SHEAR WALLS BELOW. AT TRUSSES THAT RUN PARALLEL WITH SHEAR WALLS LOCATE TRUSS BOTTOM CHORD OVER DOUBLE TOP PLATE OF SHEAR WALL. TRUSS SHALL BE DESIGNED WITH VERTICALS AT 16" O.C. FOR SHEAR WALL SHEATHING ATTACHMENT, SEE SECTIONS. AT TRUSSES THAT RUN PERPENDICULAR TO SHEAR WALLS. PROVIDE SOLID 2x BLOCKING AT TOP AND BOTTOM CHORDS OF TRUSS. PROVIDE SHEAR WALL SHEATHING IN TRUSS SPACE.

5. ROOF SHEATHING SHALL BE 5/8" PLYWOOD. ATTACH SHEATHING AS SPECIFIED IN THE GENERAL NOTES.

6. H-# INDICATES A WOOD HEADER.
7. ROOF TRUSS ATTACHMENT:

   TRUSS TO WOOD LEDGER or STUD WALL = SIMPSON H10A

   GIRDER TRUSS TO TOP OF STUD WALL = SIMPSON MGT
   PROVIDE A LOAD PATH DOWN TO FOUNDATION UTILIZING (2) SIMPSON HDU4 HOLD-DOWNS OR A ⅝"ø TREADED ROD EMBEDDED INTO FOOTING 8". PROVIDE A TRIPLE 2x STUD COLUMN AT BEARING. FASTEN STUD PLYs TOGETHER WITH (2) ROWS OF 16d NAILS AT 12" O.C., EACH SIDE.

8. COORDINATE ALL M.E.P. RUNS THROUGH PRE-FABRICATED TRUSSES.

9. ROOF SHEATHING SHALL BE, IN LIEU OF GENERAL NOTES:
   ⅝" EXTERIOR GRADE PLYWOOD, APA 24/16 RATED. FASTEN SHEATHING TO SUPPORTS WITH 10d RING SHANK NAILS AT 2½" O.C. AT SHEATHING EDGES AND 6" O.C. IN FIELD

10. ALL NON-LOAD BEARING FRAMED ARCHITECTURAL ELEMENTS SHALL BE DESIGNED BY A DELEGATED SPECIALTY ENGINEER, WHO SPECIALIZES IN LIGHT GAUGE METAL DESIGN. SEE THE GENERAL NOTES FOR ADDITIONAL INFORMATION.

11. TRUSS BEARING ELEVATION = 10'-0" UNLESS NOTED OTHERWISE.
12. O.B. INDICATES ROOF OVERBUILT TRUSS BY TRUSS MANUFACTURER.
13. (#) INDICATES TRUSS HOLD DOWN, SEE SCHEDULE ON THIS SHEET.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	01/18/18	ISSUE FOR PERMIT

REVISION HISTORY

No.	Date	Description

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JOHN GUTHERMAN JR. LICENSE No. 60880 STATE OF FLORIDA PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN GUTHERMAN JR, PE # 60880 ON 1/22/2018 USING A DIGITAL SIGNATURE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

John Gutherman Jr., P.E.
FL. REG. #60880

SUMMER BAY APTS. II
LAKE COUNTY, FL

Drawn:	JRIVERA
Checked:	JGUTHERMAN
Approval:	JGUTHERMAN
Date:	Issue Date
Project #:	5389

ROOF FRAMING PLAN

S12.02