	TENANT WALL, UNITS SIDE				TENANT WALL, AIR-GAP SIDE, NO SHEATHING					
	LOCATION	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	UPLIFT AT END OF WALL	BOTTOM SILL PLATE ATTACHMENT	# OF STUDS AT WALL ENDS
SW-1	GROUND TO 2ND	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.	–	–	–	6,200 LB	5/8"ø ANCHOR BOLTS 5" EMBED AT 32" O.C.	(4) 2X4
	2ND TO 3RD	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	–	–	–	4,000 LB	(2) 0.162"ø NAILS AT 8" O.C.	(4) 2X4
	3RD TO 4TH	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	–	–	–	2,000 LB	(2) 0.162"ø NAILS AT 12" O.C.	(4) 2X4
	4TH TO ROOF	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	–	–	–	1,000 LB	(2) 0.162"ø NAILS AT 12" O.C.	(4) 2X4
	LEFT SIDE OF UNIT INTERIOR WALL SHEATHING				RIGHT SIDE OF UNIT INTERIOR WALL SHEATHING					
	LOCATION	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	UPLIFT AT END OF WALL	BOTTOM SILL PLATE ATTACHMENT	# OF STUDS AT WALL ENDS
SW-2	GROUND TO 2ND	(2) LAYERS 5/8" TYPE "X" GYPSUM SHEATHING BOARD	BASE PLY-6d AT 9" O.C.	FACE PLY-8d AT 7" O.C.	(2) LAYERS 5/8" TYPE "X" GYPSUM SHEATHING BOARD	BASE PLY-6d AT 9" O.C.	FACE PLY-8d AT 7" O.C.	12,000 LB	5/8"ø ANCHOR BOLTS 5" EMBED AT 32" O.C.	(4) 2X4
	2ND TO 3RD	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	7,200 LB	(2) 0.162"ø NAILS AT 8" O.C.	(4) 2X4
	3RD TO 4TH	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	4,000 LB	(2) 0.162"ø NAILS AT 12" O.C.	(4) 2X4
	4TH TO ROOF	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	1,200 LB	(2) 0.162"ø NAILS AT 12" O.C.	(4) 2X4
	ONE SIDE WALL SHEATHING									
	LOCATION	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	UPLIFT AT END OF WALL	BOTTOM SILL PLATE ATTACHMENT	# OF STUDS AT WALL ENDS
SW-3	GROUND TO 2ND	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.				7,200 LB	5/8"ø ANCHOR BOLTS 5" EMBED AT 32" O.C.	(3)2X6
	2ND TO 3RD	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.				4,300 LB	(2) 0.162"ø NAILS AT 6" O.C.	(2)2X6
	3RD TO 4TH	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.				2,200 LB	(2) 0.162"ø NAILS AT 8" O.C.	(2)2X6
	4TH TO ROOF	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.				1,000 LB	(2) 0.162"ø NAILS AT 12" O.C.	(2)2X6
	EXTERIOR WALL SHEATHING				INTERIOR WALL SHEATHING					
	LOCATION	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	UPLIFT AT EACH OPENING	BOTTOM SILL PLATE ATTACHMENT	# OF STUDS AT WALL ENDS
SW-4	GROUND TO 2ND	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	16,800 LB	5/8"ø ANCHOR BOLTS 5" EMBED AT 24" O.C.	(3)2X6
	2ND TO 3RD	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	12,000 LB	(2) 0.162"ø NAILS AT 6" O.C.	(3)2X6
	3RD TO 4TH	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	7,500 LB	(2) 0.162"ø NAILS AT 8" O.C.	(2)2X6
	4TH TO ROOF	7/16" CDX OR OSB	8d AT 6" O.C.	8d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 4" O.C.	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	2,200 LB	(2) 0.162"ø NAILS AT 12" O.C.	(2)2X6
	LEFT SIDE OF UNIT INTERIOR WALL SHEATHING				RIGHT SIDE OF UNIT INTERIOR WALL SHEATHING					
	LOCATION	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	UPLIFT AT END OF WALL	BOTTOM SILL PLATE ATTACHMENT	# OF STUDS AT WALL ENDS
SW-5	GROUND TO 2ND	15/32" CDX	10d AT 4" O.C.	10d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	6d COOLER OR WALLBOARD NAIL @ 12" O.C.	23,800 LB	5/8"ø ANCHOR BOLTS 5" EMBED AT 32" O.C.	(3)2X6
	2ND TO 3RD	15/32" CDX	10d AT 6" O.C.	10d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	6d COOLER OR WALLBOARD NAIL @ 12" O.C.	15,000 LB	(2) 0.162"ø NAILS AT 6" O.C.	(2)2X6
	3RD TO 4TH	15/32" CDX	10d AT 6" O.C.	10d AT 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	6d COOLER OR WALLBOARD NAIL @ 12" O.C.	8,200 LB	(2) 0.162"ø NAILS AT 8" O.C.	(2)2X6
	4TH TO ROOF	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	6d COOLER OR WALLBOARD NAIL @ 12" O.C.	5/8" TYPE "X" GYPSUM SHEATHING BOARD	6d COOLER OR WALLBOARD NAIL @ 7" O.C.	6d COOLER OR WALLBOARD NAIL @ 12" O.C.	3,200 LB	(2) 0.162"ø NAILS AT 12" O.C.	(2)2X6

SHRINKAGE CHART

	INCHES PER FLOOR	INCHES CUMULATIVE
ROOF	.239	.956
4th	.239	.717
3rd	.239	.478
2nd	.239	.239

ALL AND ANY CONTINUOUS ROD SYSTEM SHALL HAVE SHRINKAGE COMPENSATION DEVICES.

CONTINUOUS TIE DOWN ROD SYSTEMS: CONTRACTOR SHALL PROVIDE A CONTINUOUS ROD TIE DOWN SYSTEM USING CLP ROD SYSTEMS, SIMPSON RTUD TAKE UP DEVICES, OR OTHER SIMILAR PRODUCTS. ALL PRODUCTS MUST BE SIGNED AND SEALED BY A SPECIALTY DESIGN PROFESSIONAL BEING ABLE TO MEET OR EXCEED THE SCHEDULED UPLIFT LOADS SPECIFIED IN THE TABLE ON THIS SHEET.

DESIGN LOAD SCHEDULE

(ALL LOADS SHOWN ARE IN POUNDS PER SQ. FT.)

COMPONENT \ AREA	ELEVATED LIVING FLOOR AREAS	CORRIDORS	BALCONIES	ROOF	STAIRS	SLAB ON GRADE
SYSTEM	5	5	5		50	
BOTTOM CHORD DEAD	5	10	10	10		
PARTITIONS	5					
TOP CHORD DEAD				15		
TOPPING	10	10	30			
TOTAL DEAD LOAD	25	25	45	25	50	
TOTAL LIVE LOAD	40	40	40	20	100	100
TOTAL LOAD	65	65	85	45	150	100

FOOTING SCHEDULE

MARK	SIZE W x D x L	REINFORCING
F30	3'-0"x3'-0"x 12" DEEP	(4) #5 EA. WAY BOTTOM

WOOD POST SCHEDULE

MARK	SIZE (IN.)	SIMPSON BASE/CAP	TOTAL SERVICE LOAD (KIPS)
WP-1	3.50 x 5.25 PSL	ABU44Z/PC6Z	20
WP-2	3.50 x 7.00 PSL	ABU44/LCE 4 EA SIDE	12

HEADER SCHEDULE

MARK	SIZE (IN.)	BEARING STUDS
H-1	(2) 2 X 6	(3") B & (2) FULL HEIGHT
H-2	(2) 2 X 10	(3") B & (2) FULL HEIGHT
H-3	(3) 2 X 6	(1.5") B & (1) FULL HEIGHT
H-4	(3) 2 X 8	(3") B & (2) FULL HEIGHT
H-5	(3) 2 X 10	(3") B & (2) FULL HEIGHT
H-6	(3) 1.75 X 9.25 LVL	(WP-2) B & (2) FULL HEIGHT
H-7	(3) 1.75 X 11.25 LVL	(WP-2) B & (2) FULL HEIGHT
H-8	(3) 1.75 X 18.0 LVL	(3") B & (1) FULL HEIGHT

NOTE:
1. B INDICATES BEARING STUDS, TOTAL WIDTH OF SUPPORT.
2. PROVIDE 1/2" INSULATION BOARDS BETWEEN EXTERIOR HEADERS FOR FLITCH BEAM TO MAKE FULL 5.5" WIDTH.

ELEVATOR PIT SECTION

CONCRETE COVER SCHEDULE

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 OR LARGER	2"
#5 OR SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLABS, WALLS, JOISTS (#11 AND SMALLER)	3/4"
BEAMS, COLUMNS (PRIMARY REINF., TIES, STIRRUPS, SPIRALS)	1 1/2"
CONCRETE FOR COASTAL EXPOSURES EXPOSED TO WEATHER:	
WALL & SLABS	2"
OTHER MEMBERS	2 1/2"

PLYWOOD SHEATHING NAILING SCHEDULE

ROOF AND WALL (NOT FOR SHEAR WALLS)

NAIL SIZE	NAIL SPACING	ZONE
8d (RING SHANK)	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	ROOF 2 3
8d (RING SHANK)	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	ROOF 1
8d	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	WALL 5
8d	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	WALL 4

CORNER DISTANCE, A = 6.5 FEET

WALL FRAMING SCHEDULE

LOCATION	SYP #2 TYP.			
	1ST FLR	2ND FLR	3RD FLR	4TH FLR
CORRIDOR	2x4 @ 16" O.C.	2x4 @ 16" O.C.	2x4 @ 16" O.C.	2x4 @ 16" O.C.
EXTERIOR	2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.	2x6 @ 16" O.C.
TENANT SEPARATION WALL	(2)2x4 @ 16" O.C.	(2)2x4 @ 16" O.C.	2x4 @ 16" O.C.	2x4 @ 16" O.C.
INTERIOR UNIT BEARING WALL	(3)2x4 @ 16" O.C.	(2)2x4 @ 16" O.C.	(2)2x4 @ 16" O.C.	2x4 @ 16" O.C.

– FINGER JOINTED STUDS ARE NOT ALLOWED.

TYPICAL SUMP DETAIL

(AT SIDE WALL)

TYPICAL FLOOR SHEATING ATTACHMENT DETAIL

BUILT UP STUD NAILING PATTERN

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	1/18/2018	ISSUE FOR PERMIT

REVISION HISTORY

No.	Date	Description

© 2017 These documents and their contents are the property of FUGLEBERG KOCH - AA26002103, and are issued only for the specific project noted on these drawings. Any reproductions, revisions, or modifications of these documents without the expressed written consent of Fugleberg Koch, is prohibited by law.

FUGLEBERG KOCH
2555 Temple Trail, Winter Park, FL 32789 (407) 629-0595
www.fuglebergkoch.com AA26002103

CONSULTANT

GUTHERMAN STRUCTURAL INC.
330 GROWN OAK CENTRE DR.
LONGWOOD FL 32750
P: 407.701.0875 LIC. #28863
Gutherman STRUCTURAL

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

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.

SUMMER BAY APTS. II

LAKE COUNTY, FL

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

SCHEDULES AND TYPICAL DETAILS

S2.02