STRUCTURAL GENERAL NOTES GOVERNING CODE: 2018 INTERNATIONAL BUILDING COL	DE (IBC) AND ALL LOCAL AMENDMENTS.	
DESIGN LOADS:		
I. RISK CATEGORY: 2. SNOW LOADS:	ll	
 A. ROOF LIVE LOAD: B. GROUND SNOW LOAD (P_G): 	20 PSF 117 PSF	
C. FLAT ROOF SNOW LOAD (P _F): D. SNOW EXPOSURE FACTOR (C _E):	90 SF 0.9	2x DECKING, SEE PLAN
E. SNOW LOAD IMPORTANCE FACTOR (I_s): F. THERMAL FACTOR (C_T):	1.0 1.2	
G. SLOPE FACTOR (C _s): B. DECK LIVE LOADS:	1.0	
A. EXTERIOR DECKS: DEAD LOADS:	100 PSF	
	15 PSF	
 FOUNDATION DESIGN: FOUNDATION DESIGN IS IN ACCORDANCE WITH REC 21-12412, PREPARED BY NWCC, INC., DATED DECEMING 	OMMENDATIONS CONTAINED IN SOILS INVESTIGATION REPORT NUMBER	JOIST BLOCKING, SEE PLAN
. ALL FOUNDATIONS	ECHNICAL ENGINEER PRIOR TO PLACEMENT OF FORMWORK OR	JOIST, SEE PLAN
	THE STRUCTURAL ENGINEER SHALL BE NOTIFIED TO RE-EVALUATE THE	H2.5T HURRICANE TIE, TYP AT
FOOTINGS:	EAR ON NATURAL CLAYS, SANDS, GRAVELS, OR BEDROCK, OR ON	ALL JOISTS BEARING ON BEAMS
STRUCTURAL FILL PROPERLY PLACED AND COM B. EXTERIOR FOOTINGS SHALL BEAR BELOW FROS		TIMBER BEAM, SEE PLAN
EXTERIOR FINISHED GRADE. C. DESIGN OF FOOTINGS IS BASED ON:		
a. MAXIMUM ALLOWABLE BEARING PRESSURE:b. MINIMUM DEAD LOAD PRESSURE:	2,500 PSF N/A (PER GEOTECH EMAIL ON 6/22/2022)	
EINFORCED CONCRETE:		
CONCRETE" (ACI 318) AND SHALL BE CONSTRUCTED	NCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR REINFORCED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR	
	ING PROPERTIES (NORMAL WEIGHT CONCRETE UNLESS NOTED	1 NOT TO SCALE
OTHERWISE): A. CEMENT TYPE: B. MAXIMUM ACCRECATE SIZE:	/ 2/4"	
 B. MAXIMUM AGGREGATE SIZE: C. MINIMUM 28 DAY COMPRESSIVE STRENGTH (F'c) CONTINUES: 		
	3,500 PSI; MAX W/C 0.52; ENTRAINED AIR 1.5% (\pm 1.5%); SLUMP 5" (\pm 1") ACED IN ACCORDANCE WITH ACI 315 "DETAILS AND DETAILING OF	
CONCRETE REINFORCEMENT." WHEN COLD WEATHER CONDITIONS EXIST, PLACE A WELDED WIRE FABRIC SHALL CONFORM TO ASTMA		(2) 2x12 BLOCKING BTWN EA JOIST, TYP
	NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60 INCLUDING	
EPOXY COATED REINFORCING BARS SHALL CONFOR		
	RAWINGS, LAP BARS 50 DIAMETERS (50*BAR DIAMETER MINIMUM).	
	DING FOOTINGS) SHALL BE CONTINUOUS THROUGH OR AROUND ALL CORNER BARS OF EQUAL SIZE AND SPACING TO REINFORCING IN THE	A34 CLIP ANGLE EA SIDE
	OF ALL OPENINGS IN CONCRETE AND EXTEND 2'-8" PAST EDGES OF	JOISTS, SEE PLAN
	D-SPAN BETWEEN SUPPORTS AND SPLICE BOTTOM BARS OVER	
FORM INTERMITTENT SHEAR KEYS AT ALL CONSTRU	ICTION JOINTS AND AS SHOWN ON THE STRUCTURAL DRAWINGS. NIMUM CONCRETE COVER OVER REINFORCING SHALL BE AS FOLLOWS:	
A. UNFORMED SURFACE CAST AGAINST AND PERM B. FORMED SURFACE EXPOSED TO EARTH OR WEA	ANENTLY EXPOSED TO EARTH: 3"	
 a. #6 THROUGH #18 BARS b. #5 BAR, W31 OR D31 WIRE, AND SMALLER 	2" 1-1/2"	RFID GATE A
. INSTALL CHAIRS, BOLSTERS, ADDITIONAL REINFORG	EMENT, AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT REINFORCEMENT ON WOOD, BRICK, OR OTHER UNACCEPTABLE	3 NOT TO SCALE
MATERIALS SHALL NOT BE PERMITTED.	ND OIL. OIL FORMS PRIOR TO PLACING REINFORCEMENT.	
	PYLENE, FIBRILLATED FIBERS, TYPE III 4.1.3, PERFORMANCE LEVEL ONE,	
	NTAIN SECURELY IN PLACE ALL EMBEDDED ITEMS PRIOR TO AND DURING	
. ANCHOR BOLTS AND RODS FOR BEAM AND COLUMN	-BEARING PLATES SHALL BE PLACED WITH SETTING TEMPLATES. AL DRAWINGS, PROVIDE 3/4" CHAMFERS AT ALL COLUMN, WALL, SLAB OR	
BEAM EDGES THAT ARE EXPOSED TO VIEW IN THE F	, , ,	\sim
RUCTURAL WOOD & TIMBER: DESIGN IS BASED ON AWC NDS "NATIONAL DESIGN S	SPECIFICATION FOR WOOD CONSTRUCTION WITH SUPPLEMENT: DESIGN	
	WS "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC."	
ALL LUMBER SHALL BE 19% OR LESS MAXIMUM MOIS ALL WOOD TO BE PRESSURE-TREATED DOUGLAS FI	STURE CONTENT, UNLESS NOTED OTHERWISE.	
FASTENERS FOR USE WITH TREATED WOOD SHALL		
PRESERVATIVE TREATED WOOD SHALL BE TREATED		
	HEDULE. NOTE THAT HEAVY-DUTY HANGERS AND SKEWED HANGERS	$\left(\begin{array}{c}4\end{array}\right)$ TIVIBER COL NOT TO SCALE
LEAD HOLES FOR LAG SCREWS SHALL BE 40%-70%	DF THE SHANK DIAMETER AT THE THREADED SECTION AND EQUAL TO DN PER <nds 11.1.3="" <u="" section="">- 09'/12'><nds 12.1.4="" <u="" section="">- 15'/18'>.</nds></nds>	\smile
	ORM TO ANSI/ASME B18.2.1 AND ASTM SAE J429 GRADE 1.	
WOOD SCREWS SHALL CONFORM TO ANSI/ASME B1		
DOD FRAMING NOTES: INSTALL SOLID BLOCKING BETWEEN JOISTS UNDER		
	O FOUNDATION. S OF SOLID BLOCKING X JOIST DEPTH X 12 INCHES LONG IN FLOOR	
	X6, OR 2X8 STUDS WITH NUMBER OF LAMINATIONS NOTED ON PLAN AND	
COLUMN. DO NOT SPLICE LAMINATIONS.	TH (2) ROWS OF 12D GUN NAILS (0.131"Ø X 3 1/4") @ 6" FULL HEIGHT OF	
	BLE END TRUSSES SHALL BE ANCHORED TO WALL PLATE WITH FRAMING	WOOD COL, SEE PLAN
	OPENINGS EQUAL TO ONE-HALF OR GREATER THE NUMBER OF STUDS	POST BASE, SEE PLAN
INTERRUPTED BY OPENING UNLESS NOTED OTHER	OR TO FLOOR OR FROM FLOOR TO ROOF.	TOP OF GRADE, SEE CIVIL
	DIST SUPPORTS AND JOIST ENDS. IGNATED SHEAR WALLS SHALL BE NAILED WITH (4) 0.131"ØX3" NAILS AT	
16" MINIMUM. I. ALL ROOF RAFTERS, JOISTS, TRUSSES, BEAMS SHA	LL BE ANCHORED TO SUPPORTS WITH METAL FRAMING ANCHORS.	
INCLUDING APA TRADEMARK AND PANEL SPAN RATI	OOR, ROOF, AND WALL SHEATHING SHALL BE APA RATED WITH STAMP NG.	
A. MINIMUM FLOOR SHEATHING: SEE PLAN NOTES B. MINIMUM ROOF SHEATHING: SEE PLAN NOTES		
C. MINIMUM WALL SHEATHING: SEE PLAN NOTES SHEATH ALL EXTERIOR WALLS. SHEATH INTERIOR \	VALLS AS SHOWN ON THE DRAWINGS.	

3. SHEATHING SHALL BE CONTINUOUS FROM BOTTOM PLATE TO TOP PLATE. CUT IN "L" AND "T" SHAPES AROUND OPENINGS. LAP SHEATHING OVER RIM JOISTS A MINIMUM 4" AT ALL FLOORS TO TIE UPPER AND LOWER STUD WALLS TOGETHER. 4. MINIMUM HEIGHT OF SHEATHING PANELS SHALL BE 16" TO ENSURE THAT PLATES ARE TIED TO STUDS.

5. MACHINE APPLIED NAILING (I.E. GUN NAILING): THE USE OF MACHINE APPLIED NAILING IS SUBJECT TO SATISFACTORY JOBSITE DEMONSTRATION AND THE APPROVAL BY THE PROJECT STRUCTURAL ENGINEER. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

T.O. FTG

SEE PLAN

5

CONCRETE FOOTING SCHEDULE (ISO PADS)

TAG	LENGTH	WIDTH	THICKNESS	REINFORCEMENT
F2.25	2'-3"	2'-3"	1'-0"	(3) #5 EA WAY BOTTOM
F3.0	3'-0"	3'-0"	1'-0"	(4) #5 EA WAY BOTTOM
F3.0x5.0	5'-0"	3'-0"	1'-0"	#5@12" (MAX) EA WAY BOT
F4.0	4'-0"	4'-0"	1'-0"	(5) #5 EA WAY BOTTOM

