GENERAL NOTES:

- 1. BUILDING DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. SEE ARCHITECTURAL 1. MINIMUM GRADES OF SAWN LUMBER (UNLESS NOTED OTHERWISE): POSTS AND BEAMS 4X AND DRAWINGS (SAD) FOR ALL ACTUAL BUILDING DIMENSIONS. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER SO CLARIFICATION CAN BE MADE. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AND SUBMITTED IN WRITING TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
- 2. DETAILS NOT FULLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS. 3. ELEVATIONS ON PLANS AND DETAILS 🕁 ARE TO HEIGHTS ABOVE FINISHED GROUND FLOOR
- ELEVATION REFERENCE 0'-0".
- 4. CONTRACTOR TO VERIFY THE WEIGHTS OF MECHANICAL UNITS AND THEIR ACTUAL LOCATION OF INSTALLATION PRIOR TO INSTALLATION AND SHALL REPORT RESULTS TO THE ARCHITECT/ENGINEER.

DESIGN NOTES:

DESIGN CRITERIA: 2019 CALIFORNIA BUILDING CODE:	
- ROOF LIVE LOAD	= 20 PSF
- FLOOR LIVE LOAD	= 40 PSF
WIND DESIGN DATA	
- WIND DESIGN SPEED	= 95 MPH(V _{ult})
- RISK CATEGORY	=
- WIND EXPOSURE	= C
SEISMIC DESIGN DATA	
- RISK CATEGORY	= 11
- SEISMIC IMPORTANCE FACTOR	= 1.0
- SPECTRAL RESPONSE ACCELERATIONS	= Ss : 1.772, S1 : 0.723
- SPECTRAL RESPONSE COEFFICIENTS	= SDS : 1.418, SD1 : 1.205
- SEISMIC DESIGN CATEGORY	= D
- SITE CLASS	= D (DEFAULT)
- SEISMIC MODIFICATION FACTOR	= 6.5
GEOTECHNICAL DESIGN DATA	
PER CHAPTER 18, TABLE 1806.2	
- SOIL BEARING PRESSURE	= 1,500 PSF (DEAD + LIVE)
W/ INCREASE FOR WIND OR SEISMIC	= 2,000 PSF
- LATERAL ACTIVE	= N/A
- LATERAL PASSIVE	= N/A
- FRICTION COEFFICIENT	= 0.30

FOUNDATION NOTES:

- 1. ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 18 OF THE 2019 CBC. FOUNDATION DESIGN PRESSURES LIST IN DESIGN CRITERIA. ALL FOUNDATIONS SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. ALL FOOTING EXCAVATIONS SHALL BE AS NEAT AS PRACTICABLE. OVER-EXCAVATIONS IN DEPTH SHALL BE FILLED WITH CONCRETE, AND IN WIDTH MAY BE FILLED WITH LEAN CONCRETE. ALL LOOSE SOILS SHALL BE REMOVED FROM EXCAVATIONS PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE.
- 2. USE 5/8" DIAMETER X 12" (18" AT CURBS) HEADED ANCHOR BOLTS (AB) AT 48" OC WHERE NOT OTHERWISE NOTED. ANCHOR BOLTS SHALL HAVE 7" MINIMUM EMBED INTO CONCRETE. ANCHOR BOLTS SHALL BE LOCATED 6" MIN AND 12" MAX FROM END OF SILL. ANCHOR BOLTS ARE TO BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE CONSTRUCTION:

1. CONCRETE SHALL BE HARD ROCK CONCRETE (6 SACK MIN. MIX) AND MEET THE FOLLOWING ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS.

LOCATION	MIN. STRENGTH 28 DAYS PSI	AGGREGATE SIZE - INCHES	SLUMP INCHES			
SLAB ON GRADE FOUNDATIONS*	3000 3000	1 1/2" MAX 1 1/2" MAX	3 1/2" 3 1/2"			
TOLERANCE * CONCRETE STRUCTURAL DESIGN IS BASED ON 2500 PSI; THEREFORE, NO SPECIAL INSPECTION IS REQUIRED BY ENGINEER. +1/2"						

2. CONCRETE MIX DESIGN AND TESTING SHALL MEET THE REQUIREMENTS SECTION 1905 OF THE 2019 CBC, AND THESE SPECIFICATIONS.

- 3. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 FOR #5 & LARGER BARS AND GRADE 40 FOR #4 AND ALL DOWELS AND TIES. REINFORCING STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
- 4. SUBMIT SHOP DRAWING FOR REVIEW PRIOR TO INSTALLATION.
- 5. ANCHOR BOLTS SHALL BE A36 OR A307.
- 6. INSTALL ALL CONSTRUCTION JOINTS INDICATED ON THE PLANS. ADDITIONAL JOINTS MAY BE PLACED FOR THE CONTRACTORS CONVENIENCE, SUBJECT TO APPROVAL BY THE ENGINEER. MAXIMUM SPACING OF CONSTRUCTION JOINTS IN SLABS IS 25 FEET IN EITHER DIRECTION.

WOOD FRAMING NOTES:

- LARGER, DF #1; JOISTS, RAFTERS, PLATES AND STUDS, DF #2, BEAMS AND POSTS TO BE FREE OF HEART CENTER (FOHC).
- 2. METAL FRAMING CLIPS, HANGERS, ETC. ARE BY "SIMPSON STRONG TIE", STOCKTON CA. NAILING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS WITH A NAIL PROVIDED FOR EACH PUNCHED HOLE.
- 3. BOLTS SHALL BE UNFINISHED MACHINE BOLTS PER ASTM-307. LENGTH OF BOLTS SHALL BE SUCH THAT THE BOLT PROJECTION IS NOT LESS THAN 1/16" NOR MORE THAN 1/2" PAST END OF NUT. BOLT HOLES IN WOOD SHALL BE 1/32" LARGER THAN BOLT SIZES (UNO). PROVIDE WASHERS UNDER HEAD AND NUT WHERE BOLT HEADS WOULD BEAR ON WOOD. NUTS SHALL BE TIGHTENED WHEN PLACED AND RE-TIGHTENED BEFORE CLOSING IN OF WALLS OR OTHER CONSTRUCTION. DO NOT CRUSH WOOD WHEN TIGHTENING.
- 4. WOOD AGAINST STABILIZED SOIL OR CONCRETE SHALL BE PRESSURE TREATED DOUGLAS FIR (PTDF) OR FOUNDATION GRADE REDWOOD, AS NOTED.
- 5. STRUCTURAL PLYWOOD SHALL CONFORM TO PS 1-95, STAMPED AND GRADED BY APA, WITH EXTERIOR GLUE. PLYWOOD SHEETS SHALL ALIGN ALONG CENTERLINE OF FRAMING MEMBER WITH NAILING SPACED NOT LESS THAN 3/8" FROM EDGE OF SHEETS. GUN NAILING AND NAILS TO BE APPROVED BY THE ENGINEER PRIOR TO USE. PLYWOOD NAILS OF COMMON WIRE WITH FULL ROUND HEADS ARE REQUIRED.
- 6. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
- 7. PROVIDE ADDITIONAL JOIST UNDER ALL PARALLEL PARTITIONS OF LENGTH GREATER THAN ONE-HALF THE JOIST SPAN OR WALLS GREATER THAN FOUR (4) FEET IN LENGTH UNO.
- 8. TYPICAL ROOF SHEATHINGS: 1/2" CDX PLY (32/15) WITH 8d @ 6" OC EDGES (PEN) UNO ON PLANS
- 9. ALL NAILS TO BE OF COMMON WIRE WITH FULL ROUND HEADS. COMMON NAILS TO BE USED FOR ROUGH FRAMING ARE SPECIFIED. CEMENT COATED SINKER NAILS MAY BE SUBSTITUTED TO MEET CBC PENETRATION REQUIREMENTS. NAIL MUST NOT BE OVERDRIVEN. ALL NAILING NOT NOTED OR DETAILED OTHERWISE SHALL BE PER CBC TABLE 2304.10.1,OR "MINIMUM NAILING SCHEDULE" ON THIS SHEET.
- 10. ALL MECHANICAL SUPPLY AND RETURN OPENINGS TO BE BETWEEN FRAMING UNO.

AND 12" OC FIELD. NO PLY LESS THAN 24" WIDE SHALL BE USED.

- 11. 🛛 INDICATES WOOD POST ABOVE, 🛛 INDICATES WOOD POST BELOW.
- 12. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR STRAPPED MEMBER SHALL BE EQUIDISTANT FROM THE SPLICE.
- 13. ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAX. MOISTURE CONTENT. ALLOWABLE STRESS REQUIREMENT SHALL BE IN ACCORDANCE WITH CBC SECTION 2306.
- 14. FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC COATED GALVANIZED STEEL OR EQUAL.

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						_		MID	B√
		STAN	IDARD ABBREVIATION					++++	
@	AT	FF	FINISH FLOOR	PL	PLATE				
ę	CENTERLINE	FOC	FACE OF CONCRETE/COLUMN	PLY	PLYWOOD				~
DIA	DIAMETER	FG	FINISH GRADE	PNL	PANEL				õ
2	PLATE	FLR	FLOOR	PSF	POUNDS PER SQUARE FOOT				РТ
ī	FLOWLINE	FN	FACE NAIL	PSI	POUNDS PER SQUARE INCH				ß
AB	ANCHOR BOLT	FOM	ΕΑCE OF MASONRY	PT	POINT			ONL	Я
AC	AIR CONDITIONING	FOS	FACE OF STUD	PTDF	PRESSURE TREATED DOUGLAS FIR			Ν	
ADJ	ADJACENT	FRMG	FRAMING	R	RADIUS			SEVI	
ALT	ALTERNATE	FS	FAR SIDE	RC	REINFORCED CONCRETE			ORI	
BM	BEAM	FTG	FOOTING	REF	REFERENCE		┢┼┼┼┼		
BLDG	BUILDING	GA	GAUGE	REINF	REINFORCING				Щ
BLK/BLKG	BLOCK/BLOCKING	GALV	GALVANIZED	REQ'D	REQUIRED			ATE	A
BOT	BOTTOM	GLS	GLUE LAMINATED SEAM	REV	REVISION		┢╶┼╶┼╴┼		
BLW	BELOW	GR	GRADE	RF	ROOF			∀	\geq
BRG	BEARING	HD	HOLDOWN	RFTR	RAFTER				~
BTWN	BETWEEN	HDR	HEADER	SAD	SEE ARCHITECTURAL DWGS				_
C	AMERICAN STANDARD CHANNEL	HGR	HANGER	SB	SOLID BLOCK				
СВ	CARRIAGE BOLT	HORIZ	HORIZONTAL	SCD	SEE CIVIL DRAWINGS				
CJ	CONTROL JOINT	HP	HIGH POINT	SCHED					
CLG	CEILING	НТ	HEIGHT		SEE ELECTRICAL DRAWING				
CLR	CLEAR	HS	HIGH STRENGTH	SLD	SEE LANDSCAPE DRAWING				
COL	COLUMN	HSB	HIGH STRENGTH BOLT	SMD	SEE MECHANICAL DRAWING				
CONC	CONCRETE	HSS	HOLLOW STRUCTURAL SECTION	SPEC	SPECIFICATION				
CONN	CONNECTION/CONNECT	HSG	HIGH STRENGTH GROUT	SPA	SPACING				
CONT	CONTINUOUS	INT	INTERIOR	SQ			Ι.		
CP	COMPLETE PENETRATION	JST	JOIST	STD	STAINLESS STEEL				
CMU	CONCRETE MASONRY UNIT	L	ANGLE	STIFF	STIFFENER				
CTR	CENTER	11	LIVE LOAD	STL	STEEL				
CW	CUT WASHER			STRUCT	STRUCTURAL			$\geq \sim$	
b	PENNY (NAIL SIZE)		LONG LEG VERTICAL	SYM				\sim	
OBL	DOUBLE	LVL	LAMINATED VENEER LUMBER	510/5				T O	
DF	DOUGLAS FIR	МАХ	ΜΑΧΙΜΙΙΜ	T&B	TOP & BOTTOM			<u> </u>	
AIC	DIAMETER	MB	MACHINE BOLT	T&G	TONGUE & GROOVE			4 0	
DIM	DIMENSION	MBM	METAL BUILDING MANUFACTURER	ТНК	ТНІСК				
DL	DEAD LOAD	MC		THRD	THREADED			U E	
ON	DOWN	MECH	MECHANICAL	THRU	THROUGH			∕, DI	
00	DITTO	MFR	MANUFACTURER					S S S S S S S	
DWG	DRAWING	MIN	MINIMUM						
ĒA	EACH	MISC	MISCELLANEOUS	тот				O E	
EE	EACH END	MTL	METAL	TS				5	
ELEC	ELECTRICAL	ML	MICROLLAM	ТҮР	TYPICAL			2 S	
EL OR ELEV	ELEVATION	(N)	NEW	UNO	UNLESS NOTED OTHERWISE				
EMBED	EMBEDMENT	NIC	NOT IN CONTRACT	VB	VAPOR BARRIER				
EN	EDGE NAILING	NO OR #	NUMBER	VERT	VERTICAL				
EQ.	EQUAL	NOM	NOMINAL	VSH	VERTICAL SLOTTED HOLE				
ES	EACH SIDE	NTS	NOT TO SCALE	W	W SHAPE STRUCTURAL STEEL				
EW	EACH WAY				WITHOUT				
EXIST OR (E)	EXISTING				WOOD				
EXP	EXPANSION								
EXI									
-DN	FOUNDATION		PLYWOOD EDGE NAIL						

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NOTES AND SPECIFICATION

SHEET NUMBER

1 OF 4 SHEETS

MINIMUM NAILING SCHEDULE

DNNECTION	
ST TO SILL OR GIRDER, RAFTER OR TRUSS TO TOP PLATE, TOENAIL	(3)-8d
IDGING TO JOIST, TOENAIL EACH END	(2)-8d
LE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL LE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	16d @ 16" (3)-16d PER
P PLATE TO STUD, END NAIL	(2)-16d
JD TO SOLE PLATE	(4)-8d, TOE (2)-16d END
UBLE STUDS, FACE NAIL	16d @ 24" (
UBLED TOP PLATES, TYPICAL FACE NAIL UBLE TOP PLATES, LAP SPLICE	16d @ 16" ((8)-16d
OCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(3)-8d
/I JOIST TO TOP PLATE	8d @ 6" (15
P PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2)-16d
NTINUOUS HEADER, TWO PIECES	16d @ 16" ALONG EAC
ILING JOISTS TO TOP PLATE, TOENAIL	(3)-8d
NTINUOUS HEADER TO STUD, TOENAIL	(4)-8d
ILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	(3)-16d
NTINUOUS HEADER TO STUD, TOE NAIL	(4) 8d
ILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	(3) 16d
LING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3) 16d
ILT-UP CORNER STUDS	16d @ 24" (

L
NAILING
)-8d
)-8d
6d @ 16" (406 mm) o.c. 3)-16d PER 16" (406 mm)
)-16d
)-8d, TOENAIL OR)-16d END NAIL
id @ 24" (610 mm) o.c.
6d @ 16" (406 mm) o.c.)-16d
)-8d
d @ 6" (152 mm) o.c.
?)-16d
6d @ 16" (406 mm) o.c. LONG EACH EDGE
)-8d
)-8d
)-16d
) 8d
) 16d
) 16d
6d @ 24" (610 mm) o.c.



MINIMUM BAR LAPS FOR REINFORCING STEEL					
	CONCRETE STREN	GTH: 3000	PSI OR LESS		
(STAGGER SPLICES)					
SIZE	LAP LENGTH	SIZE	LAP LENGTH	SIZE	LAP LENGTH
#3	21"	#6	42"	#9	80"
#4	28"	#7	62"	#10	90"
#5	36"	#8	71"	#11	99"

CONCRETE COVER FOR REINFORCING STEEL	
CAST AGAINST EARTH OR GRADE	
EXPOSED TO EARTH (FORMED) OR WEATHER	
#5 & SMALLER	

NDT USED	BODEGA COUNTRY STORE - PORCH Image: Construction Image: Cons	
NOTE USED NOTO SCALE	T55 BAYWOOD DRIVE, SUITE 263 PETALUMA, CA 94954 PH (707) 321-8294, FAX (781) 335-3543	
	STANDARD DETAILS	
	JOB NUMBER: 74756 DESIGNED BY: TYS DRAWN BY: TYS CHECKED BY: DJW SCALE: AS SHOWN DATE: FEBRUARY 25, 2022	
NOT TO SCALE	S2.0 2 OF 4 SHEETS	



FINSHED GRADE Image: Sub PER PLAN Image: Sub Per Plan Image: Sub Per Plan	BODEGA COUNTRY STORE - PORCH 17190 BODEGA HWY BODEGA, CA 94922 REV DATE DECRIPTION BV	
	755 BAYWOOD DRIVE, SUITE 263 PETALUMA, CA 94954 PH (707) 321-8294, FAX (781) 335-3543	
	FOUNDATION PLAN	
	I DB NUMBER: 74756 DB NUMBER: 74756 DESIGNED BY: TYS DRAWN BY: TYS DRAWN BY: TYS CHECKED BY: DIW STEE: AS SHOWN DATE: FEBRUARY 25, 2022 3 OF 4 SHEETS	



