JOB NUMBER :	2021-5000		VALID ONLY WITH ORIGI	NAL SIGNATURE				
	CALCULATIONS FOR :							
FOR THE STRU				46 2021				
DESIGN PARA	WIETERS			46.7371				
SCOPE:	THESE CALCULATIONS CHECK THE P LATERAL LOADS: WIND AND SEISMIN ONLY		R					
<b>REFERENCES:</b>	2019 C.B.C. 2019 C.R.C.	. AND 2018 I.B.C.						
SOILS:	SOILS VALUES PER GEOTECHNICAL REPORT BY HENRY JUSTINIANNO							
LATERAL LOADS:	WIND V(ULT) = 110 MPH. V(ASD) = 85 MPH.	EXPOSURE C	RISK CATEGORY	II				
	SEISMIC DESIGN CATEGORY LIGHT WEIGHT FRAMING R=	D 6.5	IMPORTANCE FACTOR	1				
			CTION PER 1705.11 EXCEPT	TON 3)				
ASSUMPTIONS:	WEIGHTS OF MATERIALS ARE CONSERVATIVE BY ABOUT 10% INPUT TO COMPUTER ASSUMED ACCURATE TO $\pm$ 5% COMPUTER SOFTWARE IS ACCURATE TO FROM -0% TO +5% (CONSERVATIVE)							
	UPLIFT FORCES OF LESS THAN 240 LBS ARE ASSUMED TO BE RESISTED BY ANCHOR BOLTS, SILL NAILING, ADJACENT WALLS, ETC. WITHOUT REQUIRING A HOLDOWN.							
<b>LIMITATIONS:</b> THESE CALCULATIONS HAVE BEEN PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE IN THE STATE OF CALIFORNIA AND NO OTHER WARRANTIES ARE MADE AS TO THE PROFESSIONAL ADVICE PROVIDED HEREIN.								
	A. & E. DESIGN SERVICES WILL ACCE		or work performed by ( Js . It is the responsibil					

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HULE 2021-	-5000. xls				<u> </u>
WEIGHTS OF	F MATERIALS				
ROOF:	MATERIAL COMPOSITION ROOF #1 2ND LAYER OF ROOFING SOLAR PANELS RAFTERS	WEIGHT           3.1         psf.           2.3         psf.           2.4         psf.           1.8         psf.	ROOF SLOPE (F): ROOF DEAD LOAD ROOF LIVE LOAD	4:12 WO 12 psf. 20 psf.	RST CASE
	DECKING 1/2 in. MISCELLANEOUS SLOPE INCREASE	1.6 psf. 0.2 psf. 0.6 psf.	( 20 psf. X (1.2–0. TOTAL (ROOF ONLY)	.05 F) for 4 < F 32 psf.	< 12 )
CEILING:	CEILING 1/2 in. CEILING JOISTS INSULATION AND MISC.	2.4 psf. 1.1 psf. 1.5 psf.	CEILING DEAD LOAD CEILING LIVE LOAD (LIMITED STORAGE NON CO TOTAL DEAD LOAD <b>TOTAL LOAD</b>	5 psf. 20 psf. Incurrent) 17 psf. 37 psf.	<u>E.S.</u> 7% 3%
FLOOR:	JOISTS DECKING 3/4 in. CEILING 1/2 in. FLOOR COVERING INSULATION AND MISC.	<ul><li>3.3 psf.</li><li>2.4 psf.</li><li>2.4 psf.</li><li>3.0 psf.</li><li>2.9 psf.</li></ul>	FLOOR DEAD LOAD FLOOR LIVE LOAD TOTAL LOAD	14 psf. 40 psf. <b>54 psf.</b>	19% 5%
EXT. WALLS: (2ND FLOOR)	STUDS         2 X 6 @ 16           STUCCO         7/8 in.           PLYWOOD         1/2 in.           GYPSUM 1)         1/2 in.           INSULATION AND MISC.	1.6 psf. 9.0 psf. 1.6 psf. 2.4 psf. 1.4 psf.	TOTAL LOAD	16 psf.	7%
EXT. WALLS: WITH STONE VENEER (1ST FLOOR)	STUDS         2 X 6 @ 16           STUCCO         7/8 in.           VENEER         1 1/2 in.           PLYWOOD         1/2 in.           GYPSUM 1)         1/2 in.           INSULATION AND MISC.	1.8 psf. 9.3 psf. 15.4 psf. 1.8 psf. 2.3 psf. 1.8 psf.	TOTAL LOAD	32 psf.	5%
INT. WALLS:	STUDS 2 X 4 @ 16 GYPSUM 2) 1/2 in. PLYWOOD 1/2 in. MISCELLANEOUS	1.0 psf. 4.8 psf. 1.6 psf. 0.2 psf.	TOTAL LOAD	8 psf.	2%

# UCCENERAL NOTES

 ALL WORK SHALL COMPLY WITH THE 2018 IR.C. AS AMENDED BY THE 2019 C.R.C. & C.B.C. THE 2018 U.M.C. AS AMENDED BY THE 2019 C.M.C. THE 2018 U.P.C. AS AMENDED BY THE 2019 C.P.C. THE 2017 N.E.C. AS AMENDED BY THE 2019 C.E.C. THE 2018 INTERNATIONAL FIRE CODE AS AMMENDED BY THE 2019 CALIFORNIA FIRE CODE, THE 2019 CALIFORNIA ENERGY CODE, THE 2019 GREEN BUILDING STANDARDS AND ALL APPLICABLE STATE COUNTY AND LOCAL CODES AND STANDARDS.

2) CONTRACTORS SHALL VERIFY ALL DIMENSIONS PRIOR TO THE FABRICATION OF ANY WORK. DO NOT SCALE PLANS. ANY ERRORS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER IMMEDIATELY.

3) IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT SHOWN, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS WHICH ARE SHOWN OR CALLED FOR.

4) CONTRACTOR SHALL INSPECT ALL EXISTING CONDITIONS WHICH EFFECT THE WORK AND NOTIFY THE ENGINEER OF ANY CONDITIONS WHICH CONFLICT WITH THE WORK TO BE DONE.

5) THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR THE CONDUCT OF THE WORK INCLUDING ALL METHODS, PROCEDURES, SITE SAFETY, TEMPORARY BRACING AND SHORING, SCHEDULING OF INSPECTIONS AND OBTAINING NEEDED PERMITS.

6) IN THE EVENT OF A CONFLICT BETWEEN CODES THE MORE STRINGENT SHALL GOVERN.

7) CONTRACTOR SHALL REVIEW ALL DOCUMENTS COMPLETELY BEFORE PROCEEDING WITH THE CONSTRUCTION.

8) ALL MANUFACTURED MATERIALS, COMPONENTS, FASTENERS AND ASSEMBLIES SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

9) PLANS CAN NOT BE MODIFIED BY ANYONE OTHER THAN THE DESIGNER AND LICENSED ENGINEER.

10) CONTRACTOR AND ALL SUBCONTRACTORS TO VERIFY THAT THEY ARE USING ONLY THE FINAL PERMITTED SET OF PLANS.

MATERIALS:						
2 X RAFTERS AND JOISTS	DF #2 U.O.N.					
4 X & 6 X BEAMS AND POSTS	DF #1 U.O.N.	(UNDER FLOOR GIRDERS MAY BE DF #2)				
TYPICAL HEADERS	DF #2 U.O.N.					
STUDS	STANDARD OR BE					
GLU-LAM BEAMS		NDARD CAMBER FOR SIMPLE SPANS V8 FOR CANTILEVERS				
/		IFIED AND STAMPED BY INSPECTION AGENCY.				
CONCRETE (no special inspection)		MP 3/4" MAX AGGREGATE SIZE PER A.S.T.M.C33				
		F 7-1/2 GALLONS OF CLEAN WATER PER SACK OF CEMENT.				
REBAR	#5 AND SMALLER GRADE 40, #6 AND LARGER GRADE 60 PER ASTM A615					
CONNECTORS	DEFORMED BARS P					
CONNECTORS	SIMPSON STRONG	THE OR EQUAL VALUES USED ARE FOR SINKER NAILS				
		SED TO THE WEATHER OR IN CONTACT WITH PRESSURE TREATED				
ANCHOR BOLTS		DIP GALVANIZED. (5/8" ANCHOR BOLTS EXCEPTED ) DLTS AT 48"oc. OR PER SHEARWALL SCHEDULE. AND 4" MIN. TO 12" MAX.				
ANCHUR BULTS		D SILL AND 1-3/4" to 2-1/4". FROM EDGE. EMBED 7" INTO CONCRETE.				
		ALLS OR BRACED WALL LINES SHALL BE INSTALLED WITH SIMPSON				
		VASHERS AND CUT WASHERS. (BP 5/8-3 OK WITHOUT CUT WASHER)				
MACHINE BOLTS		IGHTEN HAND TIGHT PLUS ONE HALF TURN FOR WOOD CONNECTIONS				
NAILS 2 X MEMBERS		6d SINKER NAILS U.O.N.				
1 X MEMBERS	8d COMMON U.O.N					
PLYWOOD		FORMED SHANK BOX. U.O.N. FLOORS TO BE GLUED.				
SILLS & LEDGERS TO CONCRETE						
SIELS & ELDOLING TO CONCRETE		LESS THAN 5/8" DIA. INTO P.T. TO BE GALVANIZED.				
	NAILS AND DOL 13	LESS THAN S/O DIA. INTO T.T. TO BE GAEVANIZED.				
NAILING SHALL CONFORM TO THE F	OLLOWING AND C.R	.C. TABLE R602.3(1) UNLESS A GREATER NUMBER				
OF NAILS IS CALLED FOR ON THE D						
JOISTS OR RAFTERS	TO BEARING (SILL	OR GIRDER) 3)-8d TOENAILS EACH END				
	TO PARALLEL MEN	BERS 16d AT 12"				
SOLE PLATE	TO PARALLEL MEN TO JOIST OR BLOC	KING 16d AT 16" OR PER SHEARWALL SCHEDULE				
STUDS	TO BEARING	2)-16d END NAIL				
	TO SOLE PLATE	2)-16d END NAIL (20d @ 3x plate) or 4)-8d TOENAILS				
	TO PARALLEL STU	DS 16d AT 24"				
	TO CONTINUOUS H					
4 X 4 AND LARGER	TO BEARING	4) 8d TOENAILS				
TOP PLATE	TO SECOND TOP P					
	LAP SPLICE	10) 16d				
	AT INTERSECTION					
BLOCKING BETWEEN JOISTS	TO TOP PLATES					
	TO JOISTS	3) 8d TOENAILS EACH END				
RIM JOISTS	TO TOP PLATES O					
CEILING JOISTS	TO TOP PLATES	3) 8d TOENAILS				
	LAP AT PARTITION					
	TO PARALLEL RAF					
3/8",1/2"AND 3/4" PLYWOOD	TO FRAMING	8d COMMON OR DEFORMED SHANK (MIN.)				
1-1/8" PLYWOOD	to Framing	10d COMMON OR 16d SINKER				
		A COPY OF THIS PAGE SHOULD BE ATTACHED TO THE PLANS				

# FRAMING NOTES

## TYPICAL

- 1) ALL UNTREATED WOOD TO BE 1/2" MINIMUM FROM CONCRETE OR MASONRY. ( RAISE PLYWOOD 1/2" )
- 2) WHEREVER THE WOOD TENDS TO SPLIT, HOLES SHALL BE PREDRILLED. SPLIT MEMBERS SHALL BE REPLACED.
- 3) PROVIDE POSTS THE FULL WIDTH OF BEAMS AND PROVIDE SOLID POSTS AND/OR BLOCKING TO FOUNDATION.
- 4) WHERE TOP PLATES OR SOLE PLATE ARE CUT FOR PLUMBING, PROVIDE A 1-1/2" WIDE X .058" STRAP EACH SIDE W/ 12)16d
- 5) PROVIDE DOUBLE JOISTS UNDER PARALLEL PARTITIONS EVEN IF NOT SHOWN ON PLANS.

#### PLYWOOD

- 6) CENTER PLYWOOD JOINTS OVER FRAMING MEMBERS WITH 1/16"± SPACE BETWEEN SHEETS.
- 7) DRIVE NAILS FLUSH WITH PLYWOOD SURFACE. PROVIDE 3/8" MIN. EDGE DISTANCE FOR NAILS AT PLYWOOD & FRAMING MEMBERS.
- 8) EDGE NAIL PLYWOOD TO COLLECTORS WITH 2) ROWS OF 8d AT 6" WHERE TWO SHEETS MEET. 1) ROW OF 8d AT 4" IN FIELD
- 9) LAY PLYWOOD SHEETS WITH FACE GRAIN PERPENDICULAR TO RAFTERS AND JOISTS WITH 24" MIN. SHEET SIZE.
- 10) ROOF DIAPHRAGM TO BE 1/2" CDX PLYWOOD WITH 8d AT 6" EDGE & 12" FIELD (UNBLOCKED) U.O.N. (1/2" O.S.B. OK)
  11) FLOOR DIAPHRAGMS TO BE 3/4" O.S.B. <u>GLUED</u> & NAILED W/ 8d AT 6 EDGE & 12" FIELD (UNBLOCKED) U.O.N. (PLYWOOD OK)

## BLOCKING

12) PROVIDE SOLID BLOCKING BETWEEN JOISTS UNDER PARTITION WALLS, OVER BEARING POINTS & FIRE BLOCKING PER CBC. 717.2 13) SOLID BLOCK AT 8' o.c. BETWEEN 2 X 12 FLOOR JOISTS WITH SPANS OVER 10'. (WHERE CEILINGS DO NOT BRACE JOISTS.)

#### TRUSSES

- 14) WHEN ROOF TRUSSES SPAN OVER 30'-0", PROVIDE A STUD DIRECTLY BELOW THE TRUSS. ADD STUDS AS NEEDED.
- 15) PROVIDE 1/4" GAP BETWEEN TRUSSES AND NON BEARING PARTITIONS AND CONNECT WITH SIMPSON STC PLATE.

16) TRUSS CALCULATIONS SHALL BE PROVIDED BY MANUFACTURER, REVIEWED BY THE ENGINEER, AND SUBMITTED TO THE BUILDING DEPT., FOR APPROVAL, PRIOR TO MANUFACTURE AND INSTALLATION. SEE "SUMMARY" FOR ROOF LOADS

#### GLU LAMS

- 17) STANDARD CAMBER FOR GLU-LAMS IS A 3500 FT. MIN. RADIUS. (=1/8" @ 16' SPAN, =3/16" @ 20' SPAN )
- 18) AITC. CERTIFICATES FOR GLU-LAMS SHALL BE PROVIDED BY MANUFACTURER AND SUBMITTED TO THE BUILDING DEPT., FOR APPROVAL, PRIOR TO INSTALLATION.

### ATTICS

19) ATTICS TO HAVE 22" X 30" ACCESS TO ALL AREAS OVER 30" HIGH. VENTS TO BE PROVIDED EQUAL TO THE AREA / 300 WITH HALF THE VENTS AT THE EAVES AND HALF THE VENTS NO MORE THAN 3' BELOW THE RIDGE.

### GENERAL

- 20) NOT ALL PORTIONS OF ANY GIVEN STRUCTURE ARE REQUIRED TO BE ENGINEERED. ANY PORTION NOT DETAILED ON THE PLANS SHOULD BE CONSTRUCTED PER THE CONVENTIONAL LIGHT FRAME CONSTRUCTION PROVISIONS OF 2019 C.R.C.
- 21) LUMBER TO HAVE 19% MAX. MOISTURE CONTENT AT TIME OF INSTALLATION.
- 22) PREFABRICATED PRODUCTS SUCH AS "I" JOISTS, TRUSSES GLU-LAMS AND PARALLAMS CAN NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERWISE ALTERED WITH OUT THE APPROVAL OF THE PROJECT ENGINEER.

# FOUNDATION NOTES

## CONCRETE

- 1) DO NOT LOAD CONCRETE UNTIL IT HAS SUFFICIENTLY CURED TO CARRY THE LOADS. (TYPICALLY 7 DAYS.)
- 2) ALL CONCRETE TO CONFORM WITH ACI 318-14
- 3) CONCRETE SLABS TO BE CURED BY BEING KEPT MOIST FOR SEVEN DAYS AFTER POURING OR BY SPRAYING WITH AN APPROVED CURING COMPOUND. ALL SLABS TO HAVE A MINIMUM OF #3 BARS AT 18" o.c. BOTH WAYS.
- 4) CONCRETE TO BE VIBRATED OR RODDED DURING PLACEMENT TO FILL ALL VOIDS.
- 5) SPECIAL INSPECTION REQUIRED FOR PIER HOLES PRIOR TO POUR.

#### REBAR

6) REBAR TO BE CLEAN OF MUD AND OIL AND SUPPORTED SO AS TO STAY IN POSITION DURING THE POUR. DO NOT WELD REBAR.

7) PROVIDE 3" CONCRETE COVER FROM REBAR TO SOIL, 2" AT BOTTOM OF SLABS ON GRADE. 1-1/2" COVER TO AIR.

## GENERAL

- 8) PROVIDE EXPANSION STRIPS AT EDGES OF SLABS, U.N.O. AND KNIFE CUT CONTRACTION JOINTS AT APPROXIMATELY 10'-0" o.c. SOIL UNDER SLABS TO BE MOISTURE CONDITIONED PRIOR TO POUR TO MINIMIZE SWELL POTENTIAL.
- 9) FOOTINGS TO BEAR ON UNDISTURBED MATERIAL REGARDLESS OF ELEVATIONS SHOWN. ALL TRENCHES TO BE CLEAN, LEVEL AND TAMPED DOWN. TOP OF FOUNDATION TO BE LEVEL AND STEPPED AS NEEDED. 10:1 MAX SLOPE UNDER FOOTINGS
- 10) PROVIDE 8" FROM WOOD TO EARTH AND SLOPE GRADE AWAY FROM STRUCTURE AT 5 % WITHIN 10' OR TO SUITABLE DRAIN. BOLTS
  - 11) ANCHOR BOLTS TO BE 5/8" DIA. AT 48" o.c. WITH 2) MIN. PER PIECE, AND 4" TO 12" FROM THE ENDS OF ALL SILL PLATES, UNLESS A GREATER NUMBER OF BOLTS ARE CALLED FOR IN THE SHEARWALL SCHEDULE. (W/ BPS 5/8-3 PLATE WASHERS & CUT WASHERS AT SHEARWALLS OR BRACED WALL LINES.)

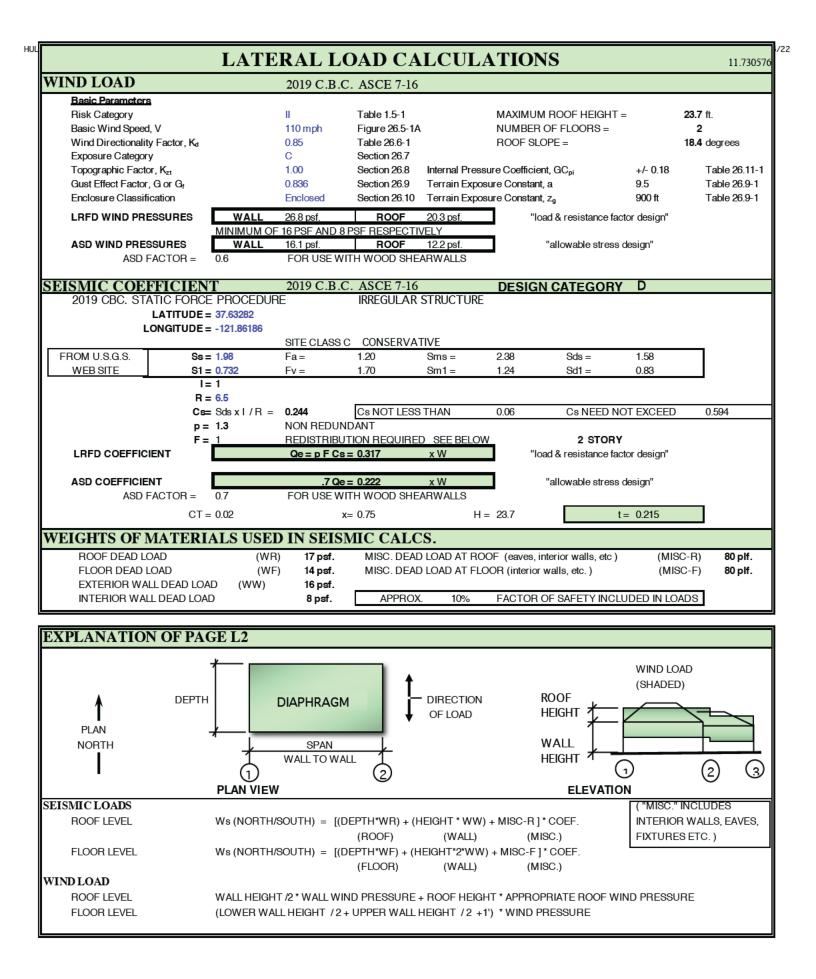
LOCATE PLATE WASHERS WITHIN 1/2" OF EDGE OF MUD SILL TAKING PLYWOOD NAILING.

### CRAWL SPACE

- 12) PROVIDE 18" MIN. CLEAR FROM GROUND TO FLOOR JOISTS AND 12" MIN. CLEAR TO GIRDERS. ALL UNDER FLOOR AREAS TO HAVE AN 18" X 24" MINIMUM ACCESS.
- 13) UNDER FLOOR SHALL BE VENTILATED BY OPENINGS IN THE EXTERIOR FOUNDATION WALLS. OPENINGS SHALL HAVE A MINIMUM AREA OF 1 SQ. FT FOR EACH 150 SQ. FT. OF UNDER FLOOR AREA AND BE COVERED WITH CORROSION RESISTANT WIRE MESH WITH OPENINGS OF 1/4" MAX. PER C.B.C. LOCATE VENTS NEAR CORNERS AND ON AT LEAST 2 OPPOSITE SIDES OF CRAWL AREA. DO NOT CUT HOLES IN GRADE BEAMS UNLESS APPROVED BY THE ENGINEER.

### MUD SILLS

- 14) MUD SILLS TO BE PRESSURE TREATED DOUGLAS FIR. SPRAY ALL CUTS AND HOLES WITH COPPER GREEN TREATMENT OR EQUAL.
- 15) NAILS & BOLTS INTO PRESSURE TREATED WOOD TO BE GALVANIZED. 5/8" DIA BOLTS AND LARGER DO NOT NEED TO BE GALV.
- 16) PIPES THROUGH CONCRETE TO BE SLEEVED OR WRAPPED. NO ALUMINUM SHALL BE IN CONTACT WITH CONCRETE.
- 17) WOOD TO BE 8" MIN. ABOVE GRADE. STUCCO SCREED TO BE 4" MIN. ABOVE GRADE.
- 18) PLYWOOD TO BE 1/2" MIN. FROM CONCRETE



BUIL	LDIN	<u>G DE</u>	FINITIO	N TABLE							
2ND LEVEL			SPAN WALL TO WALL	DEPTH OF DIAPH. (LOAD)	DEPTH OF DIAPH. (STRESS)	WEIGHT OF DIAPH.	PERP. WALL WEIGHT	WALL HEIGHT	GABLE HEIGHT (VERTICAL)	ROOF HEIGHT (SLOPED)	
NOR	TH / SC	DUTH									
3 5 6	TO TO TO	5 6 8	24 ft. 16 ft. 35 ft.	32 ft. 32 ft. 47 ft.	30 ft. 32 ft. 18 ft.	17 psf. 17 psf. 17 psf.	16 psf. 16 psf. 16 psf.	9 ft. 10 ft. 10 ft.		4 ft. 4 ft. 4 ft.	
	ST / WE	-	00 11.	47.16	10 10.	17 - por.	10 p31.	10 11.		τι.	
A B	TO TO	B C	15 ft. 32 ft.	64 ft. 74 ft.	64 ft. 70 ft.	15 psf. 17 psf.	16 psf. 16 psf.	10 ft. 10 ft.		4 ft. 5 ft.	
	1ST LEVEL		SPAN WALL TO WALL	DEPTH OF DIAPH. ( LOAD )	DEPTH OF DIAPH. (STRESS)	WEIGHT OF DIAPH.	PERP. WALL WEIGHT	WALL HEIGHT	GABLE HEIGHT (VERTICAL)	ROOF HEIGHT (SLOPED)	
NOR	TH / SC	DUTH									
1	TO TO	1 2	2 ft. 22 ft.	12 ft. 32 ft.	12 ft. 32 ft.	17 psf. 17 psf.	24 psf. 24 psf.	10 ft. 10 ft.		2 ft. 5 ft.	
2	то	3	9 ft.	32 ft.	32 ft.	17 pst.	24 pst. 24 psf.	10 ft.		5 ft.	
3	то	4	6 ft.	44 ft.	33 ft.	14 psf.	24 psf.	10 ft.		• • • •	
4	то	5	15 ft.	44 ft.	33 ft.	14 psf.	24 psf.	10 ft.			
5	то	6	16 ft.	41 ft.	33 ft.	14 psf.	24 psf.	10 ft.			
6	то	7	6 ft.	26 ft.	17 ft.	14 psf.	24 psf.	10 ft.			
7	то	8	29 ft.	41 ft.	17 ft.	14 psf.	24 psf.	10 ft.			
8	TO	9	10 ft.	46 ft.	15 ft.	17 psf.	16 psf.	10 ft.		3 ft.	
	ST WE	-									
A	TO	B	15 ft.	64 ft.	64 ft.	14 psf.	16 psf.	10 ft.			
В	то	C E	32 ft. 32 ft.	76 ft. 34 ft.	76 ft. 34 ft.	14 psf. 17 psf.	16 psf. 24 psf.	10 ft. 10 ft.		5 ft.	

LATERAL LOADS									
	2ND LEVEL		WIND LOAD ON WALL	WIND LOAD ON ROOF	TOTAL WIND LOAD		VERTICAL REDIST. V / Cvx V	DESIGN WIND LOAD	DESIGN SEISMIC LOAD
NOR	TH / SO	UTH							
3	то	5	72 plf.	49 plf.	121 plf.	2 OF 2	1.122	137 plf.	199 plf.
3	то	5	80 plf.	61 plf.	141 plf.	2 OF 2	1.122	157 plf.	203 plf.
5	то	6	80 plf.	49 plf.	129 plf.	2 OF 2	1.122	145 plf.	203 plf.
6	то	8	80 plf.	49 plf.	129 plf.	2 OF 2	1.122	145 plf.	270 plf.
6	то	8	80 plf.	49 plf.	129 plf.	2 OF 2	1.122	145 plf.	270 plf.
E/	ST WE	ST							
Α	то	В	80 plf.	49 plf.	129 plf.	2 OF 2	1.122	145 plf.	314 plf.
В	то	С	80 plf.	61 plf.	141 plf.	2 OF 2	1.122	157 plf.	391 plf.
	1ST LEVEL		WIND LOAD ON WALL	WIND LOAD ON ROOF	TOTAL WIND LOAD		VERTICAL REDIST. V / Cvx V	DESIGN WIND LOAD	DESIGN SEISMIC LOAD
NOR	TH / SO	UTH							
	то	1	80 plf.	24 plf.	105 plf.	1 OF 1	1.000	121 plf.	119 plf.
1	то	2	80 plf.	61 plf.	141 plf.	1 OF 1	1.000	157 plf.	199 plf.
2	то	3	80 plf.	61 plf.	141 plf.	1 OF 1	1.000	157 plf.	199 plf.
3	то	4	153 plf.		153 plf.	1 OF 2	0.792	169 plf.	210 plf.
4	то	5	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	214 plf.
5	то	6	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	206 plf.
6	то	7	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	167 plf.
7	то	8	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	206 plf.
8	то	9	80 plf.	37 plf.	117 plf.	1 OF 1	1.000	133 plf.	237 plf.
E/	ST WE	ST							
Α	то	В	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	239 plf.
В	то	С	161 plf.		161 plf.	1 OF 2	0.792	177 plf.	270 plf.
С	то	D	80 plf.		80 plf.	1 OF 1	1.000	96 plf.	91 plf.
D	то	Е	80 plf.	61 plf.	141 plf.	1 OF 1	1.000	157 plf.	207 plf.