



Ground Snow Load (Ps)	=	28.6	psf
Pf or Ps	=	22.0	psf
Ce	=	1.00	
I	=	1.10	
Cl	=	1.00	
Wind design pressure (P)	=	24.7	psf
<b>Earthquake Design Data:</b>			
Av	=	0.05	
As	=	0.05	
Seismic Hazard Exposure Group	=	1.00	
Seismic Performance Category	=	A	
Soil Profile Type	=	S4	
Basic Structural System	=	Moment Resisting Steel Frame/Braced Structure	
Response Modification Factor (R)	=	4.50	
	=	6.00	
Deflection Amplification Factor (Cd)	=	4.00	
	=	5.00	
Analysis Procedure	=	Equivalent Lateral Force Procedure	
<b>Special Loads:</b>			
	=	None	

COLUMN DESIGNATION	FOUNDATION LOADS						AB (QTY)	BASE PLATE		
	DEAD + LIVE		DEAD + WIND		BRACING			WIDTH	THK.	LENGTH
	H	V	H	V	H	V				
1A, 1K	1	5	5	-5	-	-	-	0"	0"	0"
1D, 1G	-	10	9	-6	-	-	-	0"	0"	0"
2A-4A, 2K-4K	13	28	14	-17	-	-	-	0"	0"	0"
5A, 5K	1	4	5	-6	-	-	-	0"	0"	0"
5C, 5H	-	14	1	-4	-	-	-	0"	0"	0"
6A, 6K	1	5	4	-5	14	-13	-	0"	0"	0"
6B, 6E, 6F, 6J	-	7	1	-6	-	-	-	0"	0"	0"
7A, 7B, 7E, 7F, 7J, 7K	1	3	1	-1	-	-	-	0"	0"	0"

- FOR VERTICAL REACTIONS, (+) DENOTES DOWNWARD LOAD APPLIED TO FOUNDATION.
- D+L AND D+W HORIZONTAL REACTIONS ACT PERPENDICULAR TO THE BUILDING WALL.
- BRACING HORIZONTAL REACTIONS ACT PARALLEL TO THE BRACED WALL AND THE BRACING VERTICAL REACTIONS ACT BOTH UP AND DOWN.
- LOADS SHOWN ARE BASED ON THE FOLLOWING CRITERIA :

BUILDING CODE	SBC 1994
LIVE LOAD	20 psf
GROUND SNOW	20 psf
COLLATERAL LOAD	3 psf
ROOF DEAD LOAD	- psf + frame
WIND LOAD	95 MPH
OTHER	

SEISMIC ZONE: 1  
 USE CATEGORY CHANGED TO 2, THEREFORE THE  
 WIND IMPORTANCE = 1.15, SNOW IMPORTANCE = 1.10  
 INLAND NOT RESPONSIBLE FOR EITHER DESIGNING  
 OR PROVIDING OF ANCHOR BOLTS, NOR FOR  
 PROVIDING BASE PLATES

**ANCHOR BOLT PLAN**

Job: CHRIST EPISCOPAL CHURCH  
 Location: COVINGTON, LA  
 Builder: CHRIST EPISCOPAL CHURCH

NO.	DATE	BY	REVISION

**INLAND BUILDINGS**

2141 2nd Avenue, S.W.  
 Cummer, AL 38005  
 (800) 438-1606

THIS PRINT IS FOR  
 JOB ERECTION

- NOTES**
- ALL COLUMNS SET AT FINISHED FLOOR, UNLESS NOTED.
  - COLUMN FOOTINGS AND PIERS MUST BE DESIGNED TO WITHSTAND HORIZONTAL AND VERTICAL REACTIONS. REACTIONS ARE GIVEN IN KIPS (1 KIP = 1000 LBS.)
  - INLAND BUILDINGS ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATIONS, FLOOR, OR SLAB DESIGN OR CONSTRUCTION.
  - THE DESIGN OF HAIRPINS OR TIE RODS TO CONTROL THE HORIZONTAL FORCES SHOWN IS NOT FURNISHED BY INLAND BUILDINGS.
  - ALL ANCHOR BOLTS INCLUDING NUTS AND WASHERS FOR SAME ARE NOT FURNISHED BY INLAND BUILDINGS. BOLT LENGTHS SHALL BE DETERMINED BY THE FOUNDATION DESIGNER. MATERIALS SHALL CONFORM TO ASTM A307 OR EQUAL.
  - ALL FRAMED OPENINGS ARE TO BE FIELD LOCATED & FRAMED OPENING ANCHORS ARE TO BE FIELD DRILLED. ALL JAMBS SET AT FINISHED FLOOR UNLESS NOTED. SEE "TYPICAL FRAMED OPENING DETAILS" DRAWING FOR ANCHOR BOLT LAYOUT. WHEN F.O. IS IN MASONRY, THE MASONRY OPENING SHALL BE F.O. WIDTH PLUS 6".

SCALE:	DATE
DRAWN: JAR	7/3/97
CHECKED: <i>jar</i>	7/23/97
DESIGNER:	

JOB NO.  
**N7287-01**

DWNG. NO.  
 1

JOB #1  
 2/25/97