



**ROOF SHEETING PLAN**  
SCALE: 1/4"=1'-0"

NO WORK IN THIS AREA  
1/2" OSB w/ 10d @ 6" o.c. BN, 12" o.c. FN (BLOCKED)  
1/2" OSB w/ 10d @ 6" o.c., 12" o.c. FN (UNBLOCKED)

NOTE:  
FOR INFORMATION NOT SHOWN ON THE STRUCTURAL DRAWINGS PERTAINING TO THE ROOF COVERING, UNDER-LAYMENT, FLASHING, OR OTHER ROOFING RELATED ITEMS, PLEASE REFER TO THE ARCHITECTURAL DRAWINGS.

NOTE:  
WHERE NAILING IS SPECIFIED, THE CONTRACTOR MAY SUBSTITUTE SIMPSON SD OR SDS SCREWS ON A ONE FOR ONE BASIS. SELECT APPROPRIATE SCREWS FROM THE SIMPSON CATALOG AND USE EQUIVALENT SCREWS FOR THE NAIL SIZE BEING REPLACED.

<b>CODE</b>		2015 CALIFORNIA BUILDING CODE
<b>RISK CATEGORY</b>		II
<b>ROOF LOADS</b>		
INTERIOR DEAD LOADS	NA	
EXTERIOR DEAD LOADS	10 PSF ASSUMED	
LIVE LOAD	20 PSF ASSUMED	
<b>FLOOR LOADS</b>		
DEAD LOADS	NA	
LIVE LOADS	NA	
<b>WALL LOADS</b>		
EXTERIOR WALL DEAD LOADS	NA	
INTERIOR WALL DEAD LOADS	NA	
<b>SNOW LOADS</b>		
GROUND SNOW LOADS, $P_g$	NA	
FLAT ROOF SNOW LOADS, $P_f$	NA	
SLOPED ROOF SNOW LOADS, $P_s$	NA	
<b>SEISMIC LOADING CRITERIA</b>		
SEISMIC IMPORTANCE FACTOR	1.0	
MAPPED SPECTRAL ACCELERATION, MCE:		
a. $S_a$	.414	
b. $S_b$	.211	
SPECTRAL RESPONSE COEFFICIENT:		
a. $F_a$	-	
b. $F_v$	-	
MAXIMUM CONSIDERED EARTHQUAKE RESPONSE ACCELERATIONS:		
a. $S_{MS}$	.608	
b. $S_{M1}$	.418	
DESIGN SPECTRAL RESPONSE ACCELERATIONS:		
a. $S_{DS}$	.405	
b. $S_{D1}$	.278	
SEISMIC DESIGN CATEGORY		D
RESPONSE MODIFICATION COEFFICIENT, R	2	
SEISMIC RESPONSE COEFFICIENT/BASE SHEAR ANALYSIS PROCEDURE USED	.268 *IN	
SEISMIC SYSTEM OVERSTRENGTH FACTOR	NA	
SEISMIC DEFLECTION AMPLIFICATION FACTOR, C	NA	
SEISMIC FORCE REDUNDANCY FACTOR	1.3	
<b>WIND LOADING CRITERIA</b>		
IMPORTANCE FACTOR, I	NA	
BASIC WIND SPEED, $V_{50}$	110	
EXPOSURE CATEGORY	C	
DESIGN WALL WIND LOADS, $F_{net}$	14.71 PSF (ASD)	
DESIGN PARAPET WIND LOADS, $F_{net}$	NA	
DESIGN UPLIFT WIND LOADS, $F_{net}$	NA	
<b>SOILS CRITERIA</b>		
ALLOWABLE BEARING PRESSURE (DL + LL)	-	
PASSIVE EARTH PRESSURE	-	
COEFFICIENT OF FRICTION	-	
SITE CLASSIFICATION	-	
GEOTECHNICAL LAB	-	
GEOTECHNICAL REPORT NUMBER	-	
GEOTECHNICAL REPORT DATE	-	

SCALE: N.T.S.

ENGINEER	RANSOM
DRAWN BY	gfr
DATE	20 SEPT 2018
REVISIONS	1/25/18 ARCHITECT REVIEW 1/26/18 TEAM REVIEW

ST. JAMES EPISCOPAL CHURCH  
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PROJECT NUMBER  
17852

SHEET NUMBER  
S-1

SIZE: 1/4" X 2 1/2"