

WIND DESIGN		ASCE 7-10	
Risk Category	II	Risk Category	II
Directionality (95)	0.85	Directionality (94)	0.85
Mean Roof H. (ft)	17.83	Mean Roof H. (ft)	28.67
Parapet H above gnd	27.33	Parapet H above gnd	0
Exposure Category C	Exposure Category C	Exposure Category C	Exposure Category C
Enclosed Building	Enclosed Building	Enclosed Building	Enclosed Building
Internal pressure	0.16	Internal pressure	0.16
a =	5.9 ft	a =	3.0 ft
Minimum parapet height at building perimeter	4.5 ft	Minimum parapet height at building perimeter	4.5 ft
Roof Angle	0.6 deg	Roof Angle	26.5 deg
Type of roof	hsp	Type of roof	hsp

ULTIMATE LOADS:		ULTIMATE LOADS:	
Basic Wind speed	144 mph (LRFD)	Basic Wind speed	144 mph (LRFD)
Base pressure (psf) =	26.7 psf (LRFD)	Base pressure (psf) =	43.2 psf (LRFD)
<b>Roof</b>			
Surface Pressure (psf) -LRFD Values		Surface Pressure (psf) -LRFD Values	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-46.7 psf -45.7 psf -44.1 psf -42.9 psf -42.9 psf	Negative Zone 1	-46.7 psf -45.7 psf -44.1 psf -42.9 psf -42.9 psf
Negative Zone 2	-78.1 psf -73.3 psf -69.2 psf -66.2 psf -63.6 psf	Negative Zone 2	-91.2 psf -84.8 psf -80.2 psf -78.7 psf -76.7 psf
Positive Zone 3	-78.1 psf -73.3 psf -69.2 psf -66.2 psf -63.6 psf	Negative Zone 3	-100.2 psf -112.4 psf -102.1 psf -94.3 psf -94.3 psf
Positive All Zones	15.1 psf 17.3 psf 15.3 psf 15.0 psf 18.0 psf	Positive All Zones	29.4 psf 26.8 psf 23.4 psf 20.8 psf 21.8 psf
Overhang Zone 1&2	-47.5 psf -45.8 psf -45.8 psf -43.5 psf -43.5 psf	Overhang Zone 2	-85.1 psf -85.1 psf -95.1 psf -95.1 psf -95.1 psf
Overhang Zone 3	-47.5 psf -46.3 psf -46.8 psf -43.6 psf -43.6 psf	Overhang Zone 3	-156.0 psf -144.4 psf -123.7 psf -108.1 psf -108.1 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Walls</b>			
Surface Pressure (psf) -LRFD Values		Surface Pressure (psf) -LRFD Values	
Area	10 sf 20 sf 50 sf 100 sf 500 sf	Area	10 sf 20 sf 50 sf 100 sf 500 sf
Positive Zone 4	-45.5 psf -44.6 psf -42.1 psf -40.2 psf -36.9 psf	Negative Zone 4	-55.3 psf -53.2 psf -50.0 psf -47.7 psf -42.4 psf
Negative Zone 5	-57.2 psf -53.1 psf -48.4 psf -44.5 psf -39.9 psf	Negative Zone 5	-68.3 psf -63.7 psf -57.6 psf -53.0 psf -47.4 psf
Positive Zone 4 & 5	42.9 psf 41.0 psf 38.5 psf 36.5 psf 32.2 psf	Positive Zone 4 & 5	51.0 psf 48.7 psf 45.7 psf 43.4 psf 38.0 psf

SERVICES LOADS:		SERVICES LOADS:	
Basic Wind speed	111.5 mph (ASCE)	Basic Wind speed	111.5 mph (ASCE)
Base pressure (psf) =	23.8 psf (ASCE)	Base pressure (psf) =	25.3 psf (ASCE)
<b>Roof</b>			
Surface Pressure (psf) -ASD Values		Surface Pressure (psf) -ASD Values	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-28.1 psf -27.4 psf -26.5 psf -25.7 psf -25.7 psf	Negative Zone 1	-48.9 psf -44.9 psf -38.7 psf -35.5 psf -35.5 psf
Negative Zone 2	-47.2 psf -42.2 psf -38.5 psf -36.5 psf -36.5 psf	Negative Zone 2	-72.1 psf -67.4 psf -61.2 psf -56.6 psf -56.6 psf
Positive Zone 3	11.4 psf 10.7 psf 9.6 psf 9.5 psf 9.5 psf	Positive All Zones	17.6 psf 16.1 psf 14.0 psf 12.5 psf 12.5 psf
Overhang Zone 1&2	-40.5 psf -38.8 psf -38.8 psf -38.1 psf -33.0 psf	Overhang Zone 2	-87.1 psf -87.1 psf -97.1 psf -97.1 psf -97.1 psf
Overhang Zone 3	-40.5 psf -39.2 psf -38.9 psf -38.1 psf -33.0 psf	Overhang Zone 3	-86.0 psf -86.6 psf -74.2 psf -64.9 psf -64.9 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Walls</b>			
Surface Pressure (psf) -ASD Values		Surface Pressure (psf) -ASD Values	
Area	10 sf 20 sf 50 sf 100 sf 500 sf	Area	10 sf 20 sf 50 sf 100 sf 500 sf
Positive Zone 4	-27.9 psf -26.7 psf -23.2 psf -21.4 psf -21.5 psf	Negative Zone 4	-44.0 psf -41.6 psf -39.0 psf -38.5 psf -35.4 psf
Negative Zone 5	-34.3 psf -32.0 psf -29.0 psf -26.7 psf -21.5 psf	Negative Zone 5	-41.0 psf -38.2 psf -34.9 psf -31.8 psf -25.4 psf
Positive Zone 4 & 5	25.7 psf 24.6 psf 23.1 psf 22.0 psf 19.3 psf	Positive Zone 4 & 5	30.6 psf 29.2 psf 27.4 psf 26.0 psf 22.6 psf

JOINT UPLIFT PRESSURES		JOINT UPLIFT PRESSURES	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	38.5 psf 35.1 psf 34.1 psf 32.9 psf 32.9 psf	Negative Zone 1	-69.2 psf -63.3 psf -59.2 psf -56.8 psf -56.8 psf
Negative Zone 2	-69.2 psf -63.3 psf -59.2 psf -56.8 psf -56.8 psf	Negative Zone 2	-88.7 psf -83.5 psf -79.2 psf -76.8 psf -76.8 psf
Positive Zone 3	37.2 psf 34.2 psf 32.5 psf 32.5 psf 32.5 psf	Positive Zone 3	37.2 psf 34.2 psf 32.5 psf 32.5 psf 32.5 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Joint Net Uplift Surface Pressure (psf) -LRFD Values</b>			
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-31.2 psf -30.7 psf -29.1 psf -27.9 psf -27.9 psf	Negative Zone 1	-53.7 psf -50.3 psf -46.2 psf -43.9 psf -43.9 psf
Negative Zone 2	-63.1 psf -59.3 psf -55.2 psf -52.8 psf -52.8 psf	Negative Zone 2	-83.1 psf -78.3 psf -74.2 psf -71.8 psf -71.8 psf
Positive Zone 3	31.2 psf 28.2 psf 26.5 psf 26.5 psf 26.5 psf	Positive Zone 3	31.2 psf 28.2 psf 26.5 psf 26.5 psf 26.5 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Joint Net Uplift Surface Pressure (psf) -ASD Values</b>			
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-18.1 psf -17.4 psf -16.5 psf -15.7 psf -15.7 psf	Negative Zone 1	-37.2 psf -34.2 psf -32.5 psf -30.5 psf -30.5 psf
Negative Zone 2	-37.2 psf -34.2 psf -32.5 psf -30.5 psf -30.5 psf	Negative Zone 2	-52.8 psf -49.8 psf -47.2 psf -45.2 psf -45.2 psf
Positive Zone 3	18.1 psf 16.5 psf 15.7 psf 15.7 psf 15.7 psf	Positive Zone 3	18.1 psf 16.5 psf 15.7 psf 15.7 psf 15.7 psf

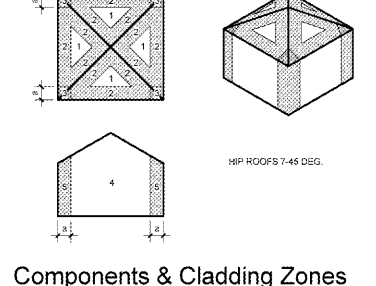
MAIN BUILDING		MAIN BUILDING	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	13.1 psf 12.4 psf 11.5 psf 10.7 psf 10.7 psf	Negative Zone 1	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf
Negative Zone 2	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf	Negative Zone 2	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf
Positive Zone 3	32.2 psf 27.2 psf 20.5 psf 15.5 psf 15.5 psf	Positive Zone 3	32.2 psf 27.2 psf 20.5 psf 15.5 psf 15.5 psf

FLAT ROOF		FLAT ROOF	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	13.1 psf 12.4 psf 11.5 psf 10.7 psf 10.7 psf	Negative Zone 1	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf
Negative Zone 2	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf	Negative Zone 2	-32.2 psf -27.2 psf -20.5 psf -15.5 psf -15.5 psf
Positive Zone 3	32.2 psf 27.2 psf 20.5 psf 15.5 psf 15.5 psf	Positive Zone 3	32.2 psf 27.2 psf 20.5 psf 15.5 psf 15.5 psf

WIND DESIGN		ASCE 7-10	
Risk Category	II	Risk Category	II
Directionality (94)	0.85	Directionality (94)	0.85
Mean Roof H. (ft)	28.67	Mean Roof H. (ft)	28.67
Parapet H above gnd	0	Parapet H above gnd	0
Exposure Category C	Exposure Category C	Exposure Category C	Exposure Category C
Enclosed Building	Enclosed Building	Enclosed Building	Enclosed Building
Internal pressure	0.16	Internal pressure	0.16
a =	3.0 ft	a =	3.0 ft
Minimum parapet height at building perimeter	4.5 ft	Minimum parapet height at building perimeter	4.5 ft
Roof Angle	26.5 deg	Roof Angle	26.5 deg
Type of roof	hsp	Type of roof	hsp

ULTIMATE LOADS:		ULTIMATE LOADS:	
Basic Wind speed	144 mph (LRFD)	Basic Wind speed	144 mph (LRFD)
Base pressure (psf) =	43.2 psf (LRFD)	Base pressure (psf) =	43.2 psf (LRFD)
<b>Roof</b>			
Surface Pressure (psf) -LRFD Values		Surface Pressure (psf) -LRFD Values	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-46.7 psf -45.7 psf -44.1 psf -42.9 psf -42.9 psf	Negative Zone 1	-46.7 psf -45.7 psf -44.1 psf -42.9 psf -42.9 psf
Negative Zone 2	-91.2 psf -84.8 psf -80.2 psf -78.7 psf -76.7 psf	Negative Zone 2	-100.2 psf -112.4 psf -102.1 psf -94.3 psf -94.3 psf
Positive Zone 3	-91.2 psf -84.8 psf -80.2 psf -78.7 psf -76.7 psf	Positive All Zones	29.4 psf 26.8 psf 23.4 psf 20.8 psf 21.8 psf
Overhang Zone 1&2	-47.5 psf -45.8 psf -45.8 psf -43.5 psf -43.5 psf	Overhang Zone 2	-85.1 psf -85.1 psf -95.1 psf -95.1 psf -95.1 psf
Overhang Zone 3	-47.5 psf -46.3 psf -46.8 psf -43.6 psf -43.6 psf	Overhang Zone 3	-156.0 psf -144.4 psf -123.7 psf -108.1 psf -108.1 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Walls</b>			
Surface Pressure (psf) -LRFD Values		Surface Pressure (psf) -LRFD Values	
Area	10 sf 20 sf 50 sf 100 sf 500 sf	Area	10 sf 20 sf 50 sf 100 sf 500 sf
Positive Zone 4	-45.5 psf -44.6 psf -42.1 psf -40.2 psf -36.9 psf	Negative Zone 4	-55.3 psf -53.2 psf -50.0 psf -47.7 psf -42.4 psf
Negative Zone 5	-57.2 psf -53.1 psf -48.4 psf -44.5 psf -39.9 psf	Negative Zone 5	-68.3 psf -63.7 psf -57.6 psf -53.0 psf -47.4 psf
Positive Zone 4 & 5	42.9 psf 41.0 psf 38.5 psf 36.5 psf 32.2 psf	Positive Zone 4 & 5	51.0 psf 48.7 psf 45.7 psf 43.4 psf 38.0 psf

SERVICES LOADS:		SERVICES LOADS:	
Basic Wind speed	111.5 mph (ASCE)	Basic Wind speed	111.5 mph (ASCE)
Base pressure (psf) =	25.3 psf (ASCE)	Base pressure (psf) =	25.3 psf (ASCE)
<b>Roof</b>			
Surface Pressure (psf) -ASD Values		Surface Pressure (psf) -ASD Values	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-28.0 psf -27.2 psf -26.2 psf -25.4 psf -25.4 psf	Negative Zone 1	-48.9 psf -44.9 psf -38.7 psf -35.5 psf -35.5 psf
Negative Zone 2	-47.2 psf -42.2 psf -38.5 psf -36.5 psf -36.5 psf	Negative Zone 2	-72.1 psf -67.4 psf -61.2 psf -56.6 psf -56.6 psf
Positive Zone 3	11.4 psf 10.7 psf 9.6 psf 9.5 psf 9.5 psf	Positive All Zones	17.6 psf 16.1 psf 14.0 psf 12.5 psf 12.5 psf
Overhang Zone 1&2	-40.5 psf -38.8 psf -38.8 psf -38.1 psf -33.0 psf	Overhang Zone 2	-87.1 psf -87.1 psf -97.1 psf -97.1 psf -97.1 psf
Overhang Zone 3	-40.5 psf -39.2 psf -38.9 psf -38.1 psf -33.0 psf	Overhang Zone 3	-86.0 psf -86.6 psf -74.2 psf -64.9 psf -64.9 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Walls</b>			
Surface Pressure (psf) -ASD Values		Surface Pressure (psf) -ASD Values	
Area	10 sf 20 sf 50 sf 100 sf 500 sf	Area	10 sf 20 sf 50 sf 100 sf 500 sf
Positive Zone 4	-27.9 psf -26.7 psf -23.2 psf -21.4 psf -21.5 psf	Negative Zone 4	-44.0 psf -41.6 psf -39.0 psf -38.5 psf -35.4 psf
Negative Zone 5	-34.3 psf -32.0 psf -29.0 psf -26.7 psf -21.5 psf	Negative Zone 5	-41.0 psf -38.2 psf -34.9 psf -31.8 psf -25.4 psf
Positive Zone 4 & 5	25.7 psf 24.6 psf 23.1 psf 22.0 psf 19.3 psf	Positive Zone 4 & 5	30.6 psf 29.2 psf 27.4 psf 26.0 psf 22.6 psf



JOINT UPLIFT PRESSURES		JOINT UPLIFT PRESSURES	
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	38.5 psf 35.1 psf 34.1 psf 32.9 psf 32.9 psf	Negative Zone 1	-69.2 psf -63.3 psf -59.2 psf -56.8 psf -56.8 psf
Negative Zone 2	-69.2 psf -63.3 psf -59.2 psf -56.8 psf -56.8 psf	Negative Zone 2	-88.7 psf -83.5 psf -79.2 psf -76.8 psf -76.8 psf
Positive Zone 3	37.2 psf 34.2 psf 32.5 psf 32.5 psf 32.5 psf	Positive Zone 3	37.2 psf 34.2 psf 32.5 psf 32.5 psf 32.5 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Joint Net Uplift Surface Pressure (psf) -LRFD Values</b>			
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-31.2 psf -30.7 psf -29.1 psf -27.9 psf -27.9 psf	Negative Zone 1	-53.7 psf -50.3 psf -46.2 psf -43.9 psf -43.9 psf
Negative Zone 2	-63.1 psf -59.3 psf -55.2 psf -52.8 psf -52.8 psf	Negative Zone 2	-83.1 psf -78.3 psf -74.2 psf -71.8 psf -71.8 psf
Positive Zone 3	31.2 psf 28.2 psf 26.5 psf 26.5 psf 26.5 psf	Positive Zone 3	31.2 psf 28.2 psf 26.5 psf 26.5 psf 26.5 psf
Note: CIP reduced to 10% due to roof slope = 10 deg.			
<b>Joint Net Uplift Surface Pressure (psf) -ASD Values</b>			
Area	10 sf 20 sf 50 sf 100 sf 200 sf	Area	10 sf 20 sf 50 sf 100 sf 200 sf
Positive Zone 1	-18.1 psf -17.4 psf -16.5 psf -15.7 psf -15.7 psf	Negative Zone 1	-37.2 psf -34.2 psf -32.5 psf -30.5 psf -30.5 psf
Negative Zone 2	-37.2 psf -34.2 psf -32.5 psf -30.5 psf -30.5 psf	Negative Zone 2	-52.8 psf -49.8 psf -47.2 psf -45.2 psf -45.2 psf
Positive Zone 3	18.1 psf 16.5 psf 15.7 psf 15.7 psf 15.7 psf	Positive Zone 3	18.1 psf 16.5 psf 15.7 psf 15.7 psf 15.7 psf

**GENERAL**

A. ALL WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2014, AS ADOPTED AND SUPPLEMENTED BY LOCAL REGULATION.

B. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH WORK.

C. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETE DESIGN OF THE STRUCTURE. THEY DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION UNLESS SO STATED OR NOTED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE WORKERS, OR THEIR PERSONS DURING CONSTRUCTION.

D. OBSERVATION VISITS TO THE SITE BY EOR OR REPRESENTATIVES OF THE EOR MAY BE MADE DURING CONSTRUCTION. ANY SUPPORT SERVICES PERFORMED HEREIN SHALL BE DISTINGUISHED FROM INSPECTION AND/OR TESTING SERVICES PERFORMED BY OTHERS, AND ARE NOT TO BE CONSTRUED AS SUPERVISION AND/OR MANAGEMENT OF CONSTRUCTION.

E. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING OF ALL STRUCTURAL MEMBERS AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING THE PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER OF ANY CONDITION WHICH IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS WITHIN THE STRUCTURE.

F. CONSTRUCTION MATERIALS SHALL NOT BE STACKED ON FLOORS OR ROOFS IN EXCESS OF THE DESIGN LIVE LOADS WHICH ARE INDICATED IN THE GENERAL NOTES. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SUBCONTRACTORS ARE INFORMED AND DO NOT VIOLATE THIS IMPORTANT REQUIREMENT. IMPACT SHALL BE AVOIDED WHEN PLACING MATERIALS ON FLOORS OR ROOFS.

G. DRAWINGS ARE NOT TO BE SCALED.

H. FOR ACTUAL ELEVATION TO FIRST FLOOR (REF. ELEV. 0'-0" HEREIN), SEE SITE PLAN.

I. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO THE DETAILS PRESENTED. SIMILAR DETAILS SHALL BE USED SUBJECT TO THE REVIEW OF ENGINEER OF RECORD.

J. SUBMIT WRITTEN REQUEST TO THE ARCHITECT FOR APPROVAL OF ANY PROPOSED CHANGE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFYING, CUTTING, NOTCHING OR OTHER ALTERATIONS TO STRUCTURAL MEMBERS ARE NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER. ANY UNAUTHORIZED DEVIATION FROM THE CONTRACT DOCUMENTS, AND CORRECTION THEREOF, IS THE RESPONSIBILITY OF THE CONTRACTOR. SUBSEQUENT DOCUMENTS OR COMMENTS TO BUILDINGS ENGINEER OF RECORD FROM GC SHALL INCLUDE EVALUATION OF DEVIATIONS FROM A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

K. THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT BETWEEN SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS.

L. DESIGN DATA

ROOF LIVE LOADS 20 PSF  
ROOF DEAD LOADS 20 PSF

WIND DESIGN, REFERENCE GENERAL NOTES TABLES

**SUBMITTALS**

A. SHOP DRAWINGS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT. CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, AND FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AN INCREASE IN THE CONTRACT BUDGET.

B. APPROVAL OF SHOP DRAWINGS DOES NOT INDICATE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEW, UNLESS SPECIFICALLY NOTED THEREIN BY ENGINEER OF RECORD.

C. ANY CHANGES TO THE DESIGN CONCEPT SHOWN IN CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO SUBMITTING SHOP DRAWINGS. ALL SUCH CHANGES SHALL BE SUBMITTED ON THE SHOP DRAWINGS AND REFERENCED TO THE PROPER R.F.I.

D. SUBMITTALS SHALL CONFORM TO THE REQUIREMENTS OF THE CONTRACT DRAWINGS (REFERENCE ITEM C ABOVE FOR EXCEPTION). NON-CONFORMING OR NON-REVIEWED SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.

1. SHOP DRAWINGS SHALL BE "APPROVED", SIGNED AND DATED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT AND ENGINEER OF RECORD.

2. SHOP DRAWINGS SHALL NOT CONTAIN REPRODUCTIONS OF THE CONTRACT DRAWINGS.

3. SUBMITTAL REQUIREMENTS:

SHOP DRAWINGS DATA TO BE SUBMITTED FOR APPROVAL:

CONCRETE MIX DESIGNS (INDICATED USE OF EACH)

REINFORCING STEEL STRUCTURAL STEEL (INCLUDING JOIST GIRDER DETAILS)

SHOP DRAWINGS DATA TO BE SUBMITTED FOR AS-BUILT RECORD:

CONCRETE MIX DESIGNS (INDICATED USE OF EACH)

REINFORCING STEEL STRUCTURAL STEEL (INCLUDING JOIST GIRDER DETAILS)

AS-BUILT RECORD SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA.

**EQUIVALENCES WORK**

A. FOUNDATION DESIGN SHALL BE UPON THE FOLLOWING SOILS REPORT:

OFFSHORE FOUNDATION INDUSTRIES, INC.  
CORPORATE OFFICE  
10000 W. BOULEVARD, SUITE 100  
FORT MYERS, FL 33907-1299 REV. 1/10

B. ALLOWED SOIL PRESSURES TO BE 3,000 PSF.

C. ANY FILL REQUIRED TO BACKFILL EXCAVATED AREA OR ACHIEVE FINISHED GRADE IN STRUCTURAL AREAS SHALL BE AS INDICATED BY GEOTECHNICAL ENGINEER. THE FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEED 12 INCHES LOOSE THICKNESS AND COMPACTED TO A MINIMUM OF 98% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM SPECIFICATION D-1557.

D. IN-