

Order Plans

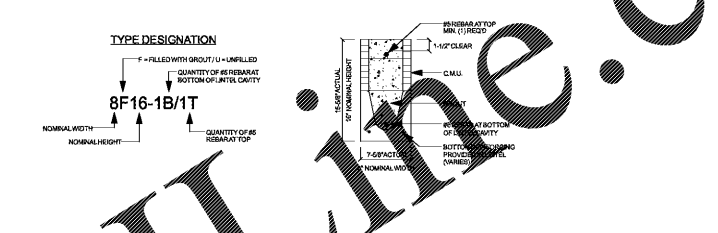
### LINTEL SCHEDULE FOR GRAVITY UPLIFT LATERAL LOADS

NOTE: LINTELS MAY BE CASTCRETE, MARIION MASONRY, POWERS STEEL, OR LOTT'S CONCRETE PRODUCTS

GRAVITY														UPLIFT															
LENGTH	TYPE	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	LENGTH	TYPE	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
2'-0" (24")	PRECAST	2302	2306	2310	2314	2318	2322	2326	2330	2334	2338	2342	2346	2350	2'-0" (24")	PRECAST	2302	2306	2310	2314	2318	2322	2326	2330	2334	2338	2342	2346	2350
2'-6" (30")	PRECAST	2354	2358	2362	2366	2370	2374	2378	2382	2386	2390	2394	2398	2402	2'-6" (30")	PRECAST	2354	2358	2362	2366	2370	2374	2378	2382	2386	2390	2394	2398	2402
3'-0" (36")	PRECAST	2404	2408	2412	2416	2420	2424	2428	2432	2436	2440	2444	2448	2452	3'-0" (36")	PRECAST	2404	2408	2412	2416	2420	2424	2428	2432	2436	2440	2444	2448	2452

### RECESSED DOOR LINTEL SCHEDULE

GRAVITY														UPLIFT															
LENGTH	TYPE	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	LENGTH	TYPE	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
2'-4" (28")	PRECAST	1488	1492	1496	1500	1504	1508	1512	1516	1520	1524	1528	1532	1536	2'-4" (28")	PRECAST	1488	1492	1496	1500	1504	1508	1512	1516	1520	1524	1528	1532	1536
2'-8" (32")	PRECAST	1538	1542	1546	1550	1554	1558	1562	1566	1570	1574	1578	1582	1586	2'-8" (32")	PRECAST	1538	1542	1546	1550	1554	1558	1562	1566	1570	1574	1578	1582	1586



### COMPONENT & CLADDING DESIGN PRESSURES.

COMPONENT & CLADDING DESIGN PRESSURE LOADS. SUPPLIERS/MANUFACTURERS OF ALL CLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWNINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE 6TH EDITION (2017).

COMPONENT & CLADDING FROM TABLE R301.2(2) OF THE FLORIDA BUILDING CODE.

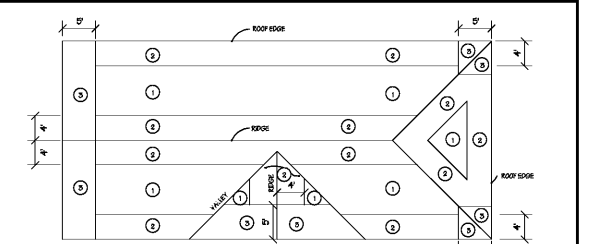
COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf), ULTIMATE WIND SPEED 140 MPH, (ASD) WORKING SPEED 120MPH (TABLE R301.2(2))

ZONE	COMPONENT AREA	140 MPH PRESSURE IN PSF	
		POSITIVE	NEGATIVE
1	10.0	29.3	32.3
1	50.0	18.5	31.4
1	50.0	16.1	30.2
2	100.0	14.3	29.3
2	20.0	10.3	26.2
2	20.0	9.5	24.7
2	50.0	16.1	45.7
3	100.0	14.3	41.2
3	20.0	10.3	83.1
3	20.0	18.5	77.7
3	50.0	16.1	70.5
3	100.0	14.3	65.1

ZONE	COMPONENT AREA	140 MPH PRESSURE IN PSF	
		POSITIVE	NEGATIVE
4	10.0	35.3	38.2
4	20.0	33.7	36.7
4	50.0	31.6	34.6
4	100.0	30.0	33.0
5	10.0	35.3	47.2
5	20.0	33.7	44.0
5	50.0	31.6	39.8
5	100.0	30.0	36.7

\* SEE ROOF PLAN FOR ZONE 1, 2, & 3  
\* SEE FLOOR PLAN FOR WINDOW & DOOR OPENING SIZES

### NAILING DETAIL



SHEATHING SHALL BE FASTENED TO ROOF W/ AN KING SHANK NAILS, 8d-HOT DIPPED GALVANIZED 8D NAILS OR L225 GAGE 1 1/2" MINIMUM LENGTH POWER NAILS @ 4" O.C. @ EDGES AND @ 6" O.C. @ INTERMEDIATE FRAMING JOISTS AS FOLLOWS:  
ZONE 1 - 12" IN THE FIELD AND 4" @ EDGES  
ZONE 2 - 8" IN THE FIELD AND 4" @ EDGES  
ZONE 3 - 4" IN THE FIELD AND 4" @ EDGES

### PARTITION SCHEDULE

TYPE	DETAILS	THICKNESS / NOTES
M-1	TOP OF CMU 10'-0" A.F.F. FINISH FLOOR 0'-0"	9 1/2" 1. 8" x 8" x 16" CMU TO 10'-0" A.F.F. W/ #9 WIRE LADDER TYPE REINFORCING @ 16" O.C. VERT. 2. SYNTHETIC MASONRY TEXTURE / STONE WHERE SHOWN ON ELEVATIONS 3. 3/4" PT FURRING STRIPS OR 3/4" STEEL HAT CHANNELS @ 16" O.C. VERT. 4. 3/4" RIGID INSULATION 5. 1/2" GYPSUM PANELS ATTACHED TO FURRING AS PER MANUFACTURERS RECOMMENDATION. EXTEND TO DECK ABOVE 6. 16" BOND BEAM W/ #9 CONT. HORIZONTAL REINFORCING AS INDICATED ON STRUCTURAL DRAWINGS AND NOTES 7. FILLED CELLS W/ VERTICAL REINFORCING AS INDICATED ON STRUCTURAL DRAWINGS AND NOTES
M-2	TOP OF CMU 10'-0" A.F.F. FINISH FLOOR 0'-0"	8 1/4" 1. 8" x 8" x 16" CMU TO 10'-0" A.F.F. W/ #9 WIRE LADDER TYPE REINFORCING @ 16" O.C. VERT. 2. SYNTHETIC MASONRY TEXTURE / STONE WHERE SHOWN ON ELEVATIONS 3. FILLED CELLS W/ VERTICAL REINFORCING AS INDICATED ON STRUCTURAL DRAWINGS AND NOTES 4. 16" BOND BEAM W/ #9 CONT. HORIZONTAL REINFORCING AS INDICATED ON STRUCTURAL DRAWINGS AND NOTES
W-1	BOTTOM CHORD OF TRUSS FINISH FLOOR 0'-0"	4 1/2" EXCEPT WHERE NOTED ON PLAN 1. 2" x 4" PT BASE PLATE 2. 2" x 4" WOOD STUDS @ 16" O.C. EXTENDED TO BOTTOM CHORD OF TRUSS OR AS NOTED 3. SOUND ATTENUATION BLANKETS AROUND ALL RESTROOMS AND WHERE INDICATED ON PLAN 4. 1/2" GYPSUM PANELS ATTACHED TO WOOD STUDS AS PER MANUFACTURERS RECOMMENDATION. EXTENDED TO TOP PLATE 5. 2" x 4" TOP PLATE
W-2	BOTTOM CHORD OF TRUSS FINISH FLOOR 0'-0"	1. 4 1/2" EXCEPT WHERE NOTED ON PLAN 2. LOAD-BEARING WALL 3. 2" x 6" PT BASE PLATE W/ 1/2" ANCHOR BOLT OR 5/8" WEDGE ANCHOR @ 48" O.C. 4. 2" x 6" WOOD STUDS @ 12" O.C. EXTENDED TO BOTTOM CHORD OF TRUSS OR AS NOTED 5. SOUND ATTENUATION BLANKETS AROUND ALL RESTROOMS AND WHERE INDICATED ON PLAN 6. 1/2" GYPSUM PANELS ATTACHED TO WOOD STUDS AS PER MANUFACTURERS RECOMMENDATION. EXTENDED TO TOP PLATE 7. DOUBLE 2" x 6" TOP PLATE
W-3	42" OR AS NOTED FINISH FLOOR 0'-0"	4 3/4" EXCEPT WHERE NOTED ON PLAN 1. 2" x 4" PT BASE PLATE W/ 1/2" ANCHOR BOLT OR 5/8" WEDGE ANCHOR @ 48" O.C. 2. 2" x 4" WOOD STUDS @ 16" O.C. EXTENDED ABOVE FINISH FLOOR AS NOTED 3. 1X WOOD CAP OR AS DIRECTED BY OWNER 4. 5/8" GYPSUM PANELS ATTACHED TO WOOD STUDS AS PER MANUFACTURERS RECOMMENDATION. PROVIDE MOISTURE RESISTANT GYP. BOARD IN DAMP AREAS 5. DOUBLE 2" x 4" TOP PLATE 6. 3 1/2" x 3 1/2" x 1/4" x 4'-0" ANGLE AT 32" O.C. ANCHOR TO SLAB W/ EXPANSION ANCHOR AND SCREW TO STUDS

### REVISIONS

DATE: 12/18/18  
JOB: D\_18017

DRAWN BY: JG JAD

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