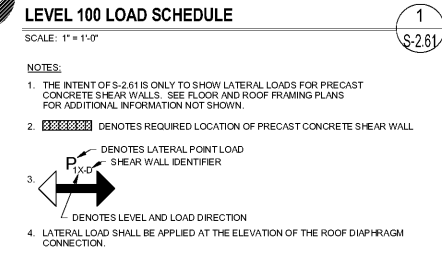


LEVEL 100 FLOOR (1X/1Y) LATERAL PRECAST LOADS

MARK	SEISMIC	WIND
P100,1	20K	10K
P100,2	20K	10K
P100,3	10K	5K
P100,4	40K	15K
P100,5	52K	15K
P100,6	30K	35K
P100,7	40K	25K
P100,8	40K	25K
P100,9	5K	5K
P100,10	5K	5K
P100,11	15K	15K

NOTES:
 1. FORCE MARKS ARE CUMULATIVE LOAD PER LINE OF WALL INDICATED.
 2. SEISMIC LOADS INDICATED ARE ULTIMATE LEVEL AND ARE BASED ON THE FOLLOWING:
 -R = 3 FOR A COMBINED SYSTEM WITH "ORDINARY PRECAST SHEAR WALLS";
 -INTERMEDIATE REINFORCED MASONRY SHEAR WALLS AND "STEEL MOMENT FRAMES NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE";
 -SEISMIC DESIGN CATEGORY B
 -NO OVERSTRENGTH FACTOR IS INCLUDED IN FORCES STATED
 -EQUIVALENT LATERAL FORCE PROCEDURE ANALYSIS (INCLUDING ACCIDENTAL TORSION)
 3. WIND FORCES INDICATED ARE BASED ON MAIN WIND FORCE RESISTING LOADS AND ARE ULTIMATE.



ROOF LEVEL (RX/RX) LATERAL PRECAST LOADS

MARK	SEISMIC	WIND
P100,1	9K	30K
P100,2	6K	15K
P100,3	6K	15K
P100,4	15K	10K
P100,5	15K	10K
P100,6	6K	5K
P100,7	10K	6K
P100,8	10K	6K
P100,9	6K	6K
P100,10	1K	5K
P100,11	1K	5K
P100,12	10K	10K
P100,13	6K	6K
P100,14	6K	6K
P100,15	28K	32K
P100,16	17K	10K
P100,17	17K	10K
P100,18	3K	10K
P100,19	3K	9K
P100,20	3K	5K
P100,21	5K	5K
P100,22	5K	5K
P100,23	25K	15K

NOTES:
 1. FORCE MARKS ARE CUMULATIVE LOAD PER LINE OF WALL INDICATED.
 2. SEISMIC LOADS INDICATED ARE ULTIMATE LEVEL AND ARE BASED ON THE FOLLOWING:
 -R = 3 FOR A COMBINED SYSTEM WITH "ORDINARY PRECAST SHEAR WALLS";
 -INTERMEDIATE REINFORCED MASONRY SHEAR WALLS AND "STEEL MOMENT FRAMES NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE";
 -SEISMIC DESIGN CATEGORY B
 -NO OVERSTRENGTH FACTOR IS INCLUDED IN FORCES STATED
 -EQUIVALENT LATERAL FORCE PROCEDURE ANALYSIS (INCLUDING ACCIDENTAL TORSION)
 3. WIND FORCES INDICATED ARE BASED ON MAIN WIND FORCE RESISTING LOADS AND ARE ULTIMATE.

MID-HEIGHT ROOF LEVEL (MX/MY) LATERAL PRECAST LOADS

MARK	SEISMIC	WIND
P100,1	22K	10K
P100,2	22K	10K

NOTES:
 1. FORCE MARKS ARE CUMULATIVE LOAD PER LINE OF WALL INDICATED.
 2. SEISMIC LOADS INDICATED ARE ULTIMATE LEVEL AND ARE BASED ON THE FOLLOWING:
 -R = 3 FOR A COMBINED SYSTEM WITH "ORDINARY PRECAST SHEAR WALLS";
 -INTERMEDIATE REINFORCED MASONRY SHEAR WALLS AND "STEEL MOMENT FRAMES NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE";
 -SEISMIC DESIGN CATEGORY B
 -NO OVERSTRENGTH FACTOR IS INCLUDED IN FORCES STATED
 -EQUIVALENT LATERAL FORCE PROCEDURE ANALYSIS (INCLUDING ACCIDENTAL TORSION)
 3. WIND FORCES INDICATED ARE BASED ON MAIN WIND FORCE RESISTING LOADS AND ARE ULTIMATE.



Order Plans @ WWW.LDOnline.com

CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS
 2500 Cumberland Pkwy., Suite 350 - Atlanta, Ga 30339 - Phone: 404.733.5493

DOE FACILITY CODE: 660-3086
 RIVERWOOD HIGH SCHOOL - PHASE 3 - AUDITORIUM/GYMNASIUM ADDITION
 5900 RAIDER DRIVE NW SANDY SPRINGS, GA 30328
 FULTON COUNTY SCHOOLS RFP NO. XXX-XX

PRECAST SHEAR WALL LOADS

PROJECT NO. 0217302.00
 DATE: 09/17/18
 DRAWN BY: RAS
 CHECKED BY: ACB

S-2.61

CHAPMAN GRIFFIN LANIER SUSENBACH ARCHITECTS
 2017
 RELEASED FOR CONSTRUCTION

 P.E. STRUCTURAL ENGINEERS
 11/01/2018

 DATE NO. DESCRIPTION
 06/16/18 NO. CONSTRUCTION DOCUMENTS
 09/17/18 DOE CHECK-SET/PERMIT SET
 10/19/18 FINAL ISSUE SUBMITTAL
 11/01/18 ISSUED FOR PROPOSALS