

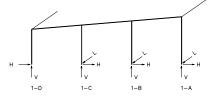
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Jul 16, 2024 S. HOSSI



PATH:	FRAME DESCRIPTION: FRAME DESCRIPTION: Endwall EWB R:\jobs\Active\Eng\19-B-68083\ver01-jose.martinez menez\BLDG-A\run0	NAME: Jose.Mar NAME: 68083A	DATE: 07/02/24 FILE: REW3BLDG1	PAGE: EW-1
	T REACTIONS FOR EACH LOAD GROUP			

## REACTION NOTATIONS



LUAD	GROUP	REACTION	IABI

COLUMN	LUMN 1-D		1-C			1-B			1-A			
LOAD GROUP	н	٧	L	н	٧	L	н	v	L	н	٧	L
D	0.0	0.5	0.	0.	0.9	0.0	0.	1.0	0.0	0.0	0.5	0.
О	0.0	0.3	0.	0.	0.8	0.0	0.	0.8	0.0	0.0	0.3	0.
L	0.1	1.7	0.	0.	4.1	0.0	0.	4.1	0.0	0.0	1.7	0.
S	0.1	4.6	0.	0.	11.3	-0.1	0.	11.3	-0.1	-0.1	4.6	0.
W+	-0.1	-2.2	0.	0.	-5.8	3.1	0.	-6.0	3.4	0.1	-6.2	3.4
W-	-0.1	-2.2	0.	0.	-5.8	-2.9	0.	-6.0	-3.2	0.1	1.1	0.
WR	-0.1	-2.2	0.	0.	-4.4	0.0	1.9	-7.5	0.0	0.1	-2.6	0.
WL.	-0.1	-2.2	0.	-0.7	-6.3	0.0	0.	-5.5	0.0	0.1	-2.6	0.
E+	0.	0.	0.	0.	0.	0.0	0.	0.	0.0	0.	-4.4	4.0
E-	0.	0.	0.	0.	0.	0.0	0.	0.	0.0	0.	4.4	0.
ER	0.	0.	0.	0.	0.4	0.	0.6	-0.4	0.	0.	0.	0.
EL	0.	0.	0.	-0.6	-0.5	0.	0.	0.5	0.	0.	0.	0.

## LOAD GROUP DESCRIPTION

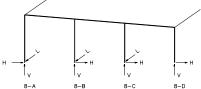
- Seismic force acting inward Seismic force acting outward Seismic force from right

PATH: R:\jobs\Active\Eng\19-B-68083\ver01-j

EL	:	Seismic	torce	trom	lett

SUPPORT REACTIONS FOR EACH LOAD GROUP NOTE: All reactions are in kips and kip-ft. TIME: 10: 59: 01

# REACTION NOTATIONS



# LOAD GROUP REACTION TABLE

COLUMN	8-A			8-A 8-B 8-C				8-D				
LOAD GROUP	Н	٧	L	Н	٧	L	Н	٧	L	Н	٧	L
D	0.0	0.6	0.	0.	0.9	0.0	0.	0.9	0.0	0.0	0.5	0.
С	0.0	0.3	0.	0.	0.7	0.0	0.	0.7	0.0	0.0	0.3	0.
L	0.0	1.6	0.	0.	3.9	0.0	0.	3.9	0.0	0.0	1.6	0.
S	0.1	4.3	0.	0.	10.7	-0.1	0.	10.7	-0.1	-0.1	4.3	0.
W+	-0.1	-2.4	1.8	0.	-5.7	3.4	0.	-5.5	3.1	0.1	-2.1	0.
W-	-0.1	-2.4	-1.7	0.	-5.7	-3.2	0.	-5.5	-2.9	0.1	-2.1	0.
WR	-0.1	-2.4	0.	0.	-5.2	0.0	0.6	-6.0	0.0	0.1	-2.1	0.
WL.	-0.1	-2.4	0.	-1.8	-7.1	0.0	0.	-4.2	0.0	0.1	-2.1	0.
E+	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.
E-	0.	0.	0.0	0.	0.	0.0	0.	0.	0.0	0.	0.	0.
ER	0.	0.	0.	0.	0.4	0.	0.5	-0.4	0.	0.	0.	0.
EL	0.	0.	0.	-0.5	-0.4	0.	0.	0.4	0.	0.	0.	0.

# LOAD GROUP DESCRIPTION

- Dead load Collateral load
- Live load Uniform snow load
- Wind load as an inward acting pressure Wind load as an outward acting suction
- Wind force from the right
- Wind force from the left
- Seismic force acting inward Seismic force acting outward
- Seismic force from right Seismic force from left

FRAME ID #27 ss 60./14./17.5 20.89/10.02 SUPPORT REACTIONS FOR EACH LOAD GROUP DATE: 07/15/24 PAGE: 27-2 FILE: frames\_2-7.fra USER NAME: Jose.Martinez jim JOB NAME: 68083A TIME: 15: 57: 58

### REACTION NOTATIONS



LOAD.	GROUP	REACTION	TABLE	GRIDLINES	* =	2	3	4	5	6

COLUMN		*-D		*-A			
LOAD GROUP	н	٧	L	H V L			
DL	1.7	2.7	-0.0	-1.7	3.1	-0.0	
COLL	1.5	2.1	-0.0	-1.5	2.1	-0.0	
PAR1	10.6	22.9	-0.0	-10.6	7.1	-0.0	
PAR2	10.5	7.1	-0.0	-10.5	22.9	-0.0	
SNOW	21.2	30.0	-0.0	-21.2	30.0	-0.0	
LL	7.7	11.0	-0.0	-7.7	11.0	-0.0	
RBUPEQ	0.2	-3.3	-4.0	-0.2	-4.4	-4.0	
RBDWEQ	-0.1	3.3	-0.0	0.1	4.4	-0.0	
EQ	-0.7	-0.3	-0.0	-0.5	0.3	-0.0	
WL1	-5.6	-6.4	-0.0	3.3	-5.9	-0.0	
WL2	-6.9	-9.3	-0.0	4.6	-8.8	-0.0	
WL3	-3.6	-2.1	-0.0	1.4	-1.7	-0.0	
WL4	-0.4	-2.7	-0.0	4.4	-4.0	-0.0	
WL5	-1.7	-5.5	-0.0	5.7	-6.8	-0.0	
WL6	1.6	1.6	-0.0	2.5	0.3	-0.0	
LWL1	-3.1	-6.1	-0.0	3.5	-6.2	-0.0	
RBUPLW	0.1	-2.4	-3.0	-0.1	-3.7	-3.4	
LWL2	-4.4	-9.0	-0.0	4.8	-9.1	-0.0	
LWL3	-1.2	-1.8	-0.0	1.6	-2.0	-0.0	
LWL4	-1.4	-3.4	-0.0	1.3	-3.3	-0.0	

NOTES

USER NAME: Jose.Mar DATE: 07/02/24 PAGE: EW-2
JOB NAME: 68083A FILE: REW4BLDG1

DL		Roof Dead Load
COLL	:	Roof Collateral Load
PAR1	:	Partial Load [PARxx]
PAR2	:	Partial Load [PARxx]
0110111		

Partial Load [PARxx]
Roof Snow Load
Roof Live Load
Roof Live Load
Roof Live Load
Loward Acting Rod Brace Load from Long, Seismic
Downward Acting Rod Brace Load from Long, Seismic
Lateral Seismic Load [parallel to plane of frome]
Wind from Left to Right with CpiCgi
Wind from Left to Right with CpiCgi
Wind from Left to Right with CpiCgi
Wind from Right to Left with CpiCgi
Wind from Back to Front without CpiCgi
Upward Acting Rod Brace Lood from Long, Wind
Wind from Back to Front with CpiCgi
Wind from Back to Front with CpiCgi
Wind from Back to Front with CpiCgi
Wind from Fack to Front with CpiCgi

1) THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOCUMENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.

2) THE REACTIONS PROVIDED HAVE BEEN CREATED WITH THE FOLLOWING LAYOUT (UNLESS NOTED

- ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.

  2) THE REACTIONS PROVIDED HAVE BEEN CREATED WITH THE FOLLOWING LAYOUT (UNLESS NOTED OTHERWISE).

  3) A REACTION TABLE IS PROVIDED WITH THE REACTIONS FOR EACH LOAD GROUP.

  4) RIGID FRAMES TRANSVERSE AND LONGITUDINAL

  (1) FOR CANADA BUILDING CODE (NBCC), INDIVIDUAL TRANSVERSE SEISMIC LOADS FOR MOMENT FRAMES (C2) ARE NOT MULTIPLED BY FORCE REDUCTION FACTOR, R, WHEN SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO (1) FOR CANADA BUILDING CODE (NBCC), WHEN PORTAL FRAMES ARE PRESENT IN THE SIDEWALL, INDIVIDUAL LONGITUDINAL SEISMIC LOADS (EQ.) ARE NOT MULTIPLED BY FORCE REDUCTION FACTOR, R, WHEN SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO (1) FAS(0.2) IS GREATER THAN 0.45.

  5) ENDWALLS SEISMIC BASE SHEAR FROM WALL MASS

  (1) FOR CANADA BUILDING CODE (NBCC), INDIVIDUAL LONGITUDINAL SEISMIC LOADS (E+ & E-), AND INDIVIDUAL LICATION SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO (1) FOR CANADA BUILDING CODE (NBCC), INDIVIDUAL LONGITUDINAL SEISMIC LOADS (E+ & E-), AND INDIVIDUAL TRANSVERSE SEISMIC LOADS (E+ & ER) ARE MULTIPLED BY FORCE REDUCTION FACTOR, R, WHEN SPECIFIED SHORT-PERIOD SPECTRAL ACCELERATION RATIO (1) FARSON SPECTRAL SPECTRAL SHORT-PERIOD SPECTRAL ACCELERATION RATIO (1) FARSON SPECTRAL SHORT SPECTRAL
- ANCHOR RODS ARE ASTM F1554 GR. 36 MATERIAL UNLESS NOTED OTHERWISE ON THE ANCHOR

FRAME ID #27 ss 60./14./17.5 20.89/10.02 USER NAME: Jose.Martinezjim JOB NAME: 68083A DATE: 07/15/24 PAGE: 27-3 FILE: frames 2-7. fra ss 50.714.71.5 zu.say1.0.vc

SUPPORT REACTIONS FOR EACH LOAD GROUP

1,0CATION: Gridines: 2 3 4 5 6 7

NOTES: (1) All reactions or in kips and kip-fit.

2) Primary wind load cases are not concurrent.

(3) X-broading reactions (REPULW one REUPEQ) are combined withLWL and LEQ groups only.

## REACTION NOTATIONS



LOAD GROUP R	EACTION	TABLE (	GRIDLINES	S * =	2 3	4 5 6		
COLUMN		*-D		*-A				
LOAD GROUP	Н	٧	L	Н	٧	٦		
LWL5	-2.7	-6.3	-0.0	2.6	-6.1	-0.0		
LWL6	0.5	0.9	-0.0	-0.7	1.0	-0.0		
RBDWLW	-0.1	2.4	-0.0	0.1	3.7	-0.0		

## LOAD GROUP DESCRIPTION

Wind from Front to Back with CpiCgi Wind from Front to Back with —CpiCgi Downward Acting Rod Brace Load from Long. Wind

BUILDINGS AM, ONTARIO LOR 5V2 MIDDLETON ) 8TH STREET EAST N SOUND,CN N4K 6M9 **EEL** II, MARKH 8676 FA STI

STEEL BUILDINGS LTE ST 1405 DENISON S HAM,CN L3R-5V2 NOT TO SCALE Drawn by:

Checked by: DC 07/12/2024

0

TOR 1405 DEN

Project Engineer: JDM Job Number: 19-B-68083

Sheet Number: F3 of 3

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Sa seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer not the overall engineer of record for this project.

S. HOSSEINZADEH, P.ENG

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Jul 16, 2024

