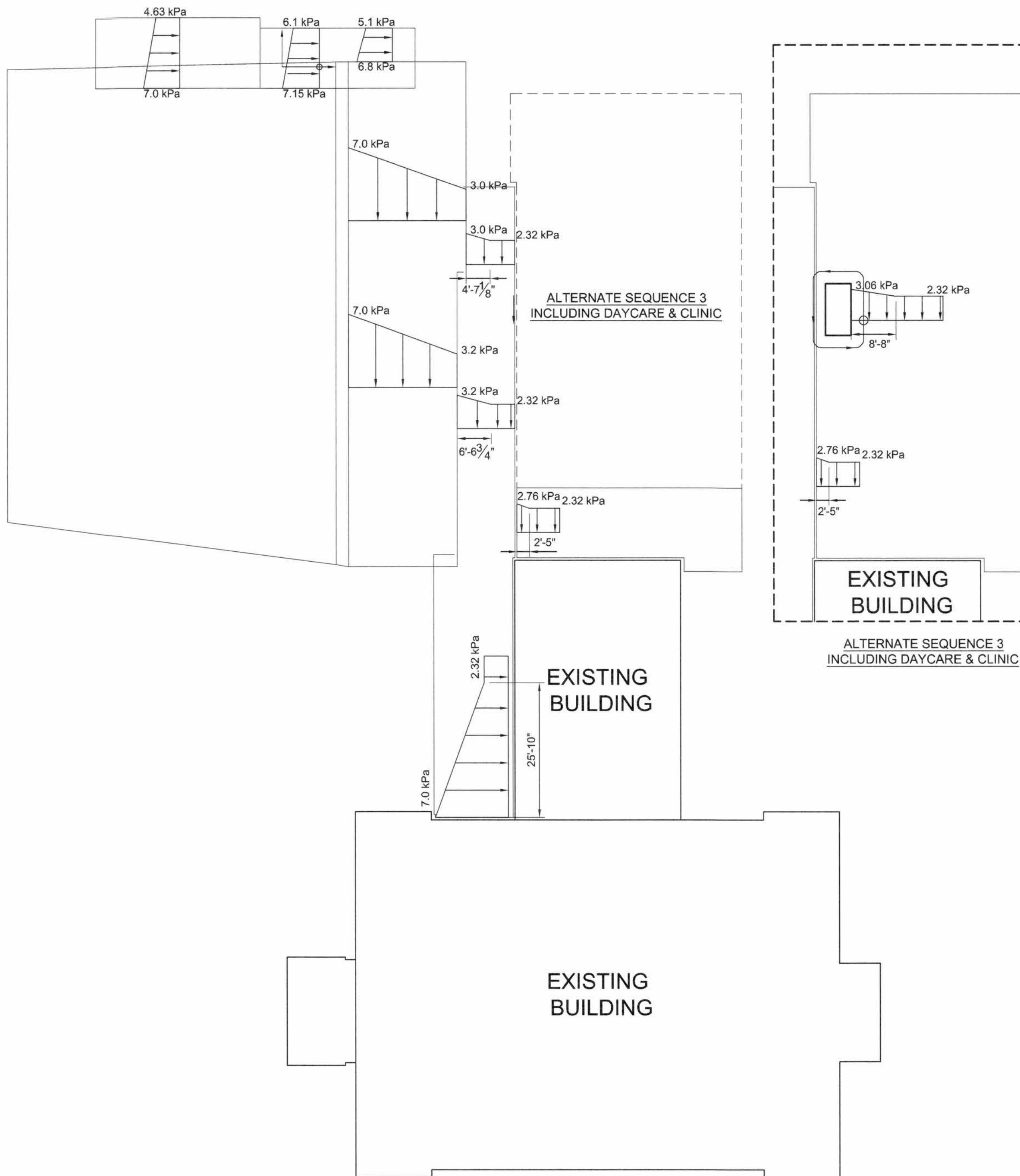


File Location: I:\27000\27672-000.1 - cspao - 2720 richmond road (mfr)\JLR DWG\Struct\27672 S01 S02.dwg

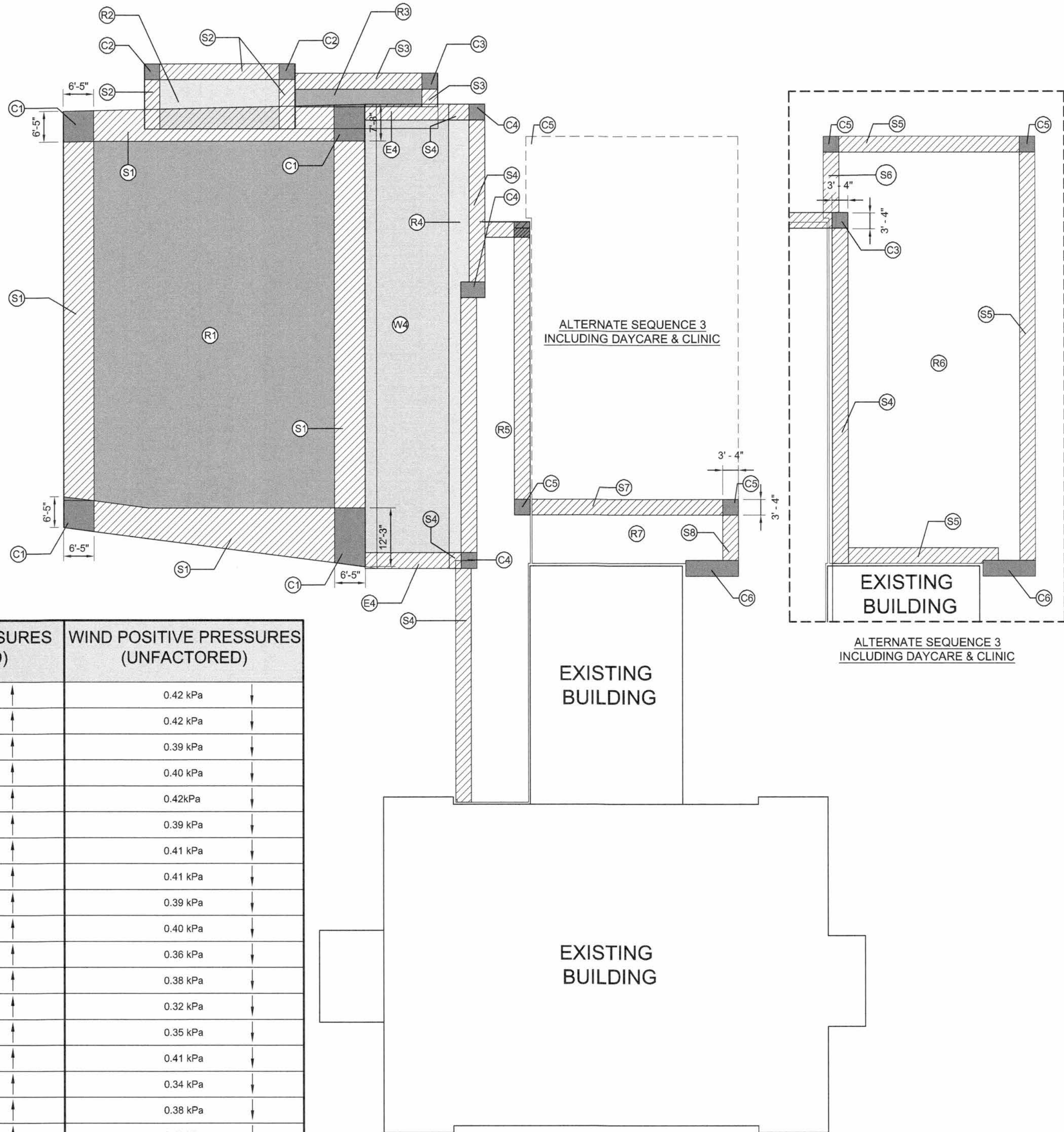


NOTE:
BASIC SNOW LOAD IS 2.32kPa.
AREAS OF THE ROOF NOT INDICATED WITH SNOW LOADS
SHALL BE DESIGNED FOR A BASIC SNOW LOAD OF 2.32 kPa

WIND UPLIFT PRESSURES (UNFACTORED)		WIND POSITIVE PRESSURES (UNFACTORED)	
C1	-2.40 kPa	0.42 kPa	
C2	-2.30 kPa	0.42 kPa	
C3	-2.10 kPa	0.39 kPa	
C4	-2.20 kPa	0.40 kPa	
C5	-2.13 kPa	0.42kPa	
C6	-1.55 kPa	0.39 kPa	
S1	-1.50 kPa	0.41 kPa	
S2	-1.20 kPa	0.41 kPa	
S3	-1.10 kPa	0.39 kPa	
S4	-1.40 kPa	0.40 kPa	
S5	-1.04 kPa	0.36 kPa	
S6	-1.24 kPa	0.38 kPa	
S7	-0.73 kPa	0.32 kPa	
S8	-1.50 kPa	0.35 kPa	
R1	-0.91 kPa	0.41 kPa	
R2	-0.80kPa	0.34 kPa	
R3	-0.84 kPa	0.38 kPa	
R4	-0.87 kPa	0.40 kPa	
R5	-0.78 kPa	0.36 kPa	
R6	-0.89 kPa	0.36 kPa	
R7	-1.04 kPa	0.32 kPa	
E4	-1.00 kPa	0.40 kPa	
W4	-0.83 kPa	0.40 kPa	

WIND LOADS

P	=	$I_w q C_e C_d C_g$	WIND PRESSURE
$C_e C_g$	=	VARIES	(FIGURE I-9 OF THE 2010 NBCC)
q_{150}	=	0.41 kPa	(OTTAWA)
I_w	=	1.0	NORMAL IMPORTANCE (ULS)
I_w	=	0.75	NORMAL IMPORTANCE (SLS)
C_e	=	$(h/10)^{0.2}$	EXPOSURE (OPEN TERRAIN)
C_{pe}	=	0.3	GUST EFFECT FACTOR (CATEGORY 2)
C_{pi}	=	-0.45	GUST EFFECT FACTOR (CATEGORY 2)



1 FOR TENDER 01/06/18	
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DRAWING: LOADING DIAGRAMS	
DESIGN: SDB /VR DRAWN: JPS CHECKED: MJB JLR # 27672-001	DRAWING # S03

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