

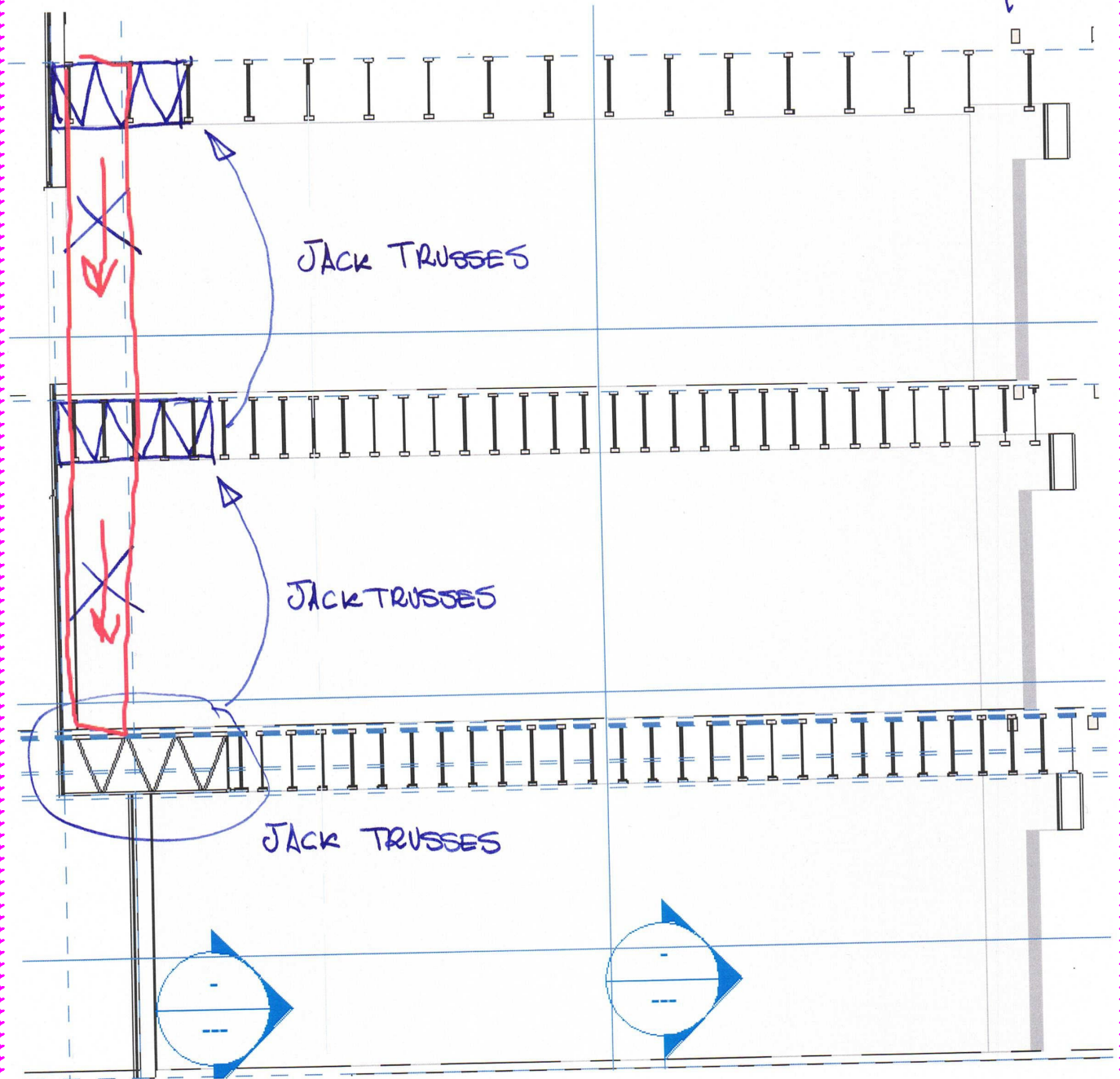
OKATP 23/12/2019

LA

OK App

CANTILEVERED FLOORS SOUTH FACADE

20/1/2020



Loads on girder truss									
ID	Dead load		Live load		Wind load		Snow load		
	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)	
Jack truss number	1	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	2	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	3	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	4	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	5	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	6	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	7	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	8	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	9	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	10	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	11	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	12	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	13	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
	14	2.70	0.61	-0.50	-0.11	0.00	0.00	0.00	0.00
A	-8.60	-1.93	5.00	1.12	0.00	0.00	0.00	0.00	
B	4.15	0.93	-24.20	-5.44	14.30	3.21	-22.60	-5.08	

Loads on LVL blind fascia								
ID	Dead load		Live load		Wind load		Snow load	
	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)	kN (uplift>0)	kips (uplift>0)
B	-4.15	-0.93	24.20	5.44	-14.30	-3.21	22.60	5.08
F1	17.70	3.98	10.70	2.41	-3.50	-0.79	5.60	1.26
F2	15.86	3.57	10.24	2.30	-3.25	-0.73	5.15	1.16
F3	14.03	3.15	9.78	2.20	-3.00	-0.67	4.70	1.06
F4	12.19	2.74	9.31	2.09	-2.75	-0.62	4.25	0.96
F5	10.35	2.33	8.85	1.99	-2.50	-0.56	3.80	0.85
F6	8.51	1.91	8.39	1.89	-2.25	-0.51	3.35	0.75
F7	6.68	1.50	7.93	1.78	-2.00	-0.45	2.90	0.65
F8	4.84	1.09	7.46	1.68	-1.75	-0.39	2.45	0.55
F9	3.00	0.67	7.00	1.57	-1.50	-0.34	2.00	0.45

b=	3.50	0.089	0.75	0.019	CDG	0.476401923
h=	1.50	0.038	12	0.305	d1=	0.461
d=	11.00	0.28	12.38	0.31	d2=	0.1469
A=		3.39E-03 m2		5.81E-03 m2	d3=	0.1754
i=		409.73E-09 m4		44.95E-06 m4		
I=		1.02E-03 m4				

B=	1.25	0.03
H=	12.50	0.32

Girder

I2=		1.81E-03
B=	1.25	0.03
H=	19.09	0.48

b=	1.75	0.044
h=	22.00	0.559
A=		24.84E-03 m2
i=		646.34E-06 m4

0.6096