

COLUMN SCHEDULE

COLUMN MARK DATA	PA-P2a	PA-P3	PA-P3a	PA-P4	PA-P5a	PA-P6a	PA-x3	PA-x4	PA-P10	PAy-P1	PB-P2a	PB-x1	PB-P3a	PB-P4	PB-P5	PB-P6a	PC-P8	PC-x4	PC - P10 Offset	PC Offset - P10	PD-P6a	PF-P1	PF-P2	PG-P2a	PG-x1	PH-P5	PH-P6	PH-P8	PJ-P1
CLERESTORY ELEV. = +8940																													
ROOF LEVEL ELEV. = +7900													HSS152x152x8.0 Pf=120kN																
SECOND FLOOR ELEV. = +3900	HSS152x152x13.0 -250mm TO US OF BASE PL UNO. (TYP)	W200x71	W200x71	W200x71	HSS152x152x8.0	HSS152x152x8.0	HSS152x152x9.5	HSS203x152x13.0	HSS152x152x8.0	HSS127x127x8.0	HSS152x152x13.0	HSS152x152x13.0			HSS152x152x9.5	HSS152x152x9.5	HSS152x152x9.5	HSS152x152x13.0	HSS152x152x8.0 T.O.S.=±2300		HSS152x152x8.0 STAIR LANDING POST	HSS152x152x8.0	HSS127x127x8.0	HSS152x152x13.0	HSS152x152x8.0 Pf=200kN	HSS152x152x9.5	HSS152x152x9.5	HSS152x152x13.0	HSS152x152x13.0
SLAB ON GRADE FIN FLOOR ELEV. = 0																									HSS203x152x13.0	HSS203x152x13.0	HSS152x152x13.0	HSS152x152x13.0	HSS127x127x8.0
FACTORED FTG. LOAD (kN)																		ORIENT BPL TO CLEAR ELEVATOR PIT OPENING											
BASE PLATE TYPE	1P	3PV	3PV	3PV	1CV	1	1	3CV	1CV	1	1	1		1	1	1	1P	1	3CV	3CV	1V	1PV	1		1	3	3	1	1PV
PIER TYPE	P1	P2	P2	P2	P2	P1	P1	P2	P2	P1	P1	P1		P1	P1	P2	P2	P1	P3	P3	P2	P2	P1		P1	P1	P1	P1	P2
FOOTING	F1	F5B	F5B	F5B	F3B	F2	F3	F4B	F2B	F2	F3	F2		F2	F2	COMBINED FOOTING SEE PLAN	COMBINED FOOTING SEE PLAN	COMBINED FOOTING SEE PLAN	F2	F2	COMBINED FOOTING SEE PLAN	F2B	F2		F3	F3	F3	COMBINED FOOTING SEE PLAN	F2B

- NOTES:  
1. REFER TO PLAN FOR LOWERED COLUMNS DUE TO ROOF SLOPES.  
2. Pf= FACTORED COLUMN REACTION. DESIGNED TRANSFER BEAM FOR POINT LOAD. PROVIDE MIN 13mm THK WEB STIFFENER PLATES ON BOTH SIDES.

COLUMN SCHEDULE

COLUMN MARK DATA	PJ-P2a	PJ-x1	PK-x2	PK-P6b	PK-P7	PL-P1	PM-P6b	PM-P7	PM-P8	PM-P9	xA-P5a	xA-P5b	xA-x3	xA-x4	xB-P2a	xB-x1	xB-x4	xB-P9	xC-P2a	xC-x1	xC-x2	xC-P6b	xC-P7	xC-x4				
CLERESTORY ELEV. = +8940																												
ROOF LEVEL ELEV. = +7900																												
SECOND FLOOR ELEV. = +3900	HSS152x152x8.0	HSS152x152x8.0	HSS152x152x13.0	HSS152x152x8.0	HSS152x152x6.4	HSS127x127x8.0	W200x42 CANOPY (VARIES) SEE ARCH.	HSS152x152x9.5	W200x42	W200x42	HSS152x152x8.0	HSS152x152x6.4	HSS152x152x6.4	HSS152x152x8.0	HSS152x152x13.0	HSS152x152x8.0	HSS152x152x13.0	W200x42 CANOPY (VARIES) SEE ARCH.	HSS152x152x8.0	HSS152x152x8.0	HSS152x152x6.4	HSS152x152x9.5	HSS203x152x13.0	HSS203x203x13.0				
SLAB ON GRADE FIN FLOOR ELEV. = 0																												
FACTORED FTG. LOAD (kN)																												
BASE PLATE TYPE	1V	1	1V	1V	1	1C	3C	1P	3P	3CV	1CV	1P	1PV	1CV	1CV	1	1V	3P	1CV	1PV	1P	1	3V	3V				
PIER TYPE	P2	P1	P2	P2	P1	P1	P1	P1	P1	P1	P2	P1	P2	P2	P2	P1	P2	P1	P2	P2	P1	P2	P2					
FOOTING	F3B	F2	F4B	F2B	F1	F1	COMBINED FOOTING SEE PLAN	F1	F1	F1	F3B	F2	F3B	F3B	F4B	F2	COMBINED FOOTING SEE PLAN	COMBINED FOOTING SEE PLAN	F3B	F3B	F3	COMBINED FOOTING SEE PLAN	F3B	F3B				

BASE PLATE SCHEDULE

BASE PLATE TYPE	X (mm)	Y (mm)	THICKNESS (mm)	ANCHORS	Sx (mm)	COMMENTS
1	350	350	22	4-19mmØ		
1V	350	350	25	4-32mmØ		
1P	350	270	22	4-19mmØ		
1PV	350	270	25	4-32mmØ		
1C	270	270	22	3-19mmØ		
1CV	270	270	32	3-32mmØ		
3V	400	400	25	4-32mmØ		
3PV	400	300	35	4-32mmØ		
3CV	450	450	22	5-19mmØ		

- NOTES:  
1. CENTER ALL COLUMNS ON BASE PLATE. UNO.  
2. UNDERSIDE OF ALL COLUMN BASE PLATES TO BE 250mm BELOW FINISHED SOG ELEVATION. UNO. FOR COLUMNS WHERE THERE IS A STORM DRAIN, LOWER UNDERSIDE OF BASE PLATES TO BE 450mm BELOW FINISHED SOG ELEVATION.  
3. PROVIDE 50mm DRY PACKED NON-SHRINK GROUT BELOW ALL BASE PLATES.  
4. ALL CORNER COLUMNS TO HAVE 3 ANCHOR RODS AS PER TYPICAL DETAIL CW16.  
5. ALL PERIMETER COLUMN BASE PLATES TO BE DETAILED AS PER TYPICAL DETAIL CW15.  
6. ALL CORNER AND PERIMETER COLUMNS THAT ARE PART OF A VERTICAL BRACE FRAME ARE TO BE DETAILED AS PER TYPICAL DETAIL CW15.  
7. MIN EMBEDMENT DEPTH FOR 32mmØ ANCHORS = 550mm  
8. FOR ANCHOR ROD DETAILS REFER TO TYPICAL DETAIL S01.  
9. BASE PLATE MARK LEGEND:  
BPL 1 = HSS 152 & HSS 127 P BLANK = INTERIOR COLUMN V BLANK = NO BRACING  
P = PERIMETER COLUMN V = PART OF VBF  
C = CORNER COLUMN

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stamp



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revision date

Do not scale drawings  
Verify all dimensions and conditions on site and  
immediately notify the Departmental Representative of all  
discrepancies

A detail no.  
no. du détail  
B drawing no. - where detail required  
dessin no. - où détail exigé  
C drawing no. - where detailed  
dessin no. - où détaillé

project title  
titre du projet

GRAND VALLEY INSTITUTION FOR WOMEN  
1575 HOMER WATSON BLVD.  
KITCHENER, ONTARIO, N2P2C5

PRINCIPAL ENTRANCE BUILDING

drawing title  
titre du dessin

SCHEDULES

drawn by  
dessiné par KAZ

designed by  
conc par NM

approved by  
approuvé par DK

bid  
offre RP project manager  
administrateur de projets

project date  
date du projet 10/24/2012

project no.  
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R.047995.001

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dessiné no.

S3.01