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Madison, WI 53703
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www.capitalgroup.com

Architect: OpeningDesign
315 N Wisconsin Ave., Suite 675
Madison, WI 53703
Tel: 773.425.4446
www.openingdesign.com

ROYAL CONSTRUCTION
General Contractor: ROYAL CONSTRUCTION
3553 Greenway Street | Eau Claire, WI 54601
Tel: 715.825.4817
www.royalconstruction.com

Cedar
Civil Engineer: CEDAR CORPORATION
604 Wilson Avenue | Monona, WI 53411
Tel: 715.235.9081
www.cedarcorp.com

XC
Structural Engineer: Structural Engineering
Cable Accession Works, 62803 Woodard
Tel: 608.619.3636
www.structuralxc.com

Emuvelon
Structural Engineer: Structural Engineering
4729 Dale Court Dr., Jefferson, WI 53558
Tel: 608.838.3636
www.emuvelon.com

Howlands
Mechanical Engineer: HOWLANDS HVAC
10000 Highway 100, Oshkosh, WI 54901
Tel: 920.235.5595
www.howlands-hvac.com

Electrical Engineer: FRANK DIBSON ELECTRICAL
68403 State Rd 85 | Monona, WI 53455
Tel: 715.797.0602
www.frankdibson.com

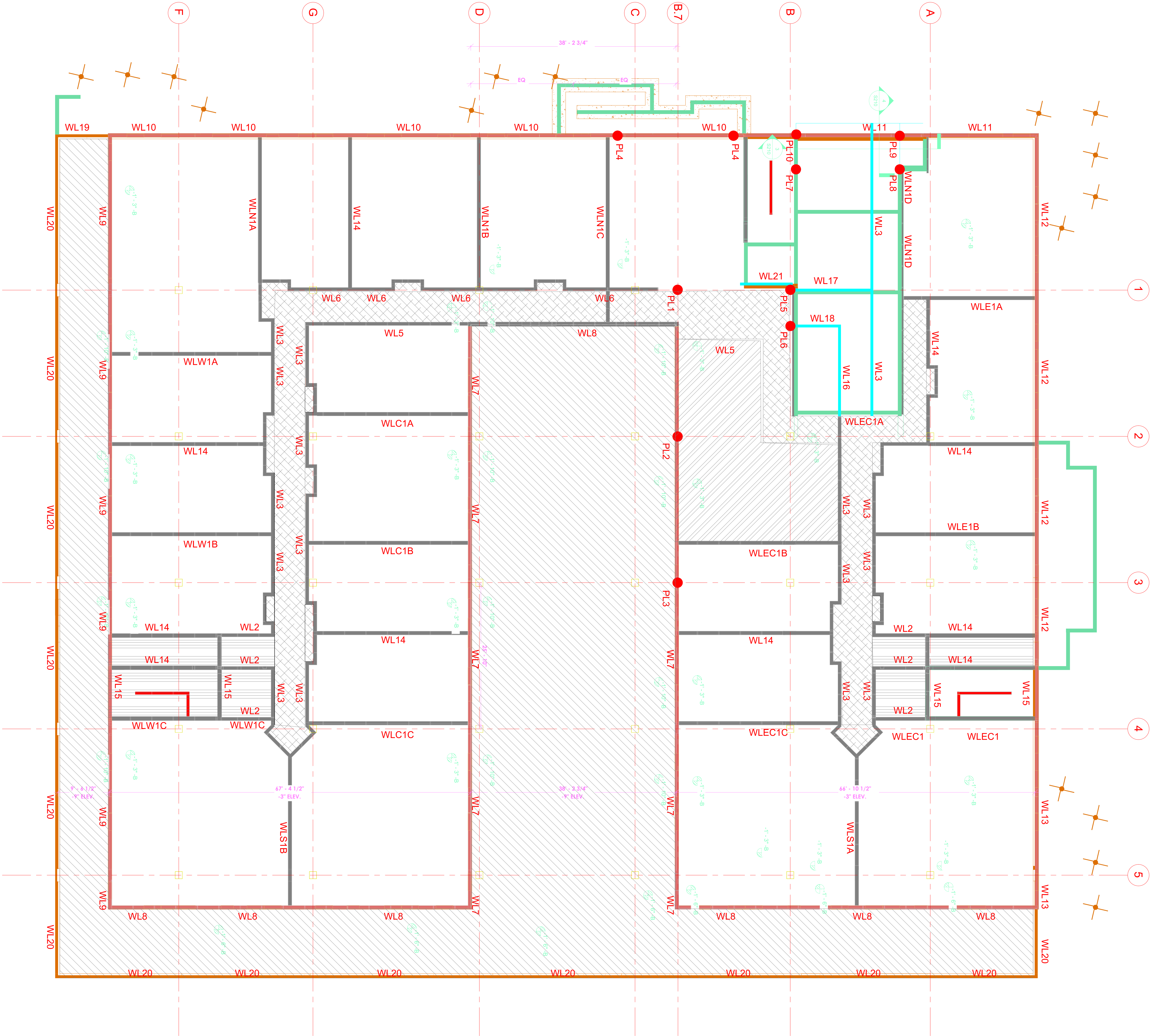
Plumbing Engineer: TAILORED ENGINEERING
1400 Aspen Commons | Ste 210 | Madison, WI 53703
Tel: 608.209.7500
www.tailoredengineering.com

Date	Description
06.21.2019	Loding
06.29.2019	in plane lateral load
07.04.2019	increase in courtyard
	load values
10.10.2019	update load values;
14.10.2019	update load values

WALL LOAD SCHEDULE											
Mark	Dead Load kSF/ft ²	Live Load kSF/ft ²	Earth Press. In plane kSF/ft ²	Up/ltt kSF/ft ²	W-E Wind Load Down/ltt kSF/ft ²	In plane At end kSF/ft ²	Up/ltt kSF/ft ²	N-S Wind Load Down/ltt kSF/ft ²	In plane At end kSF/ft ²	Up/ltt kSF/ft ²	N-S Wind Load Down/ltt kSF/ft ²
WL1	2.06	3.51	N/A	N/A	N/A	N/A	-0.56	N/A	N/A	11.6	13.14
WL2	0.28	1.11	0.21	N/A	N/A	N/A	0.99	N/A	N/A	N/A	N/A
WL3	0.04	0.12	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WL3A	1.47	2.15	0.89	N/A	-0.56	N/A	N/A	0.84	N/A	9.25	N/A
WLN1A	1.02	1.57	0.89	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WL4	1.40	2.05	0.83	N/A	-0.52	N/A	N/A	N/A	N/A	N/A	N/A
WL7	1.00	1.53	0.63	N/A	-0.40	N/A	N/A	N/A	N/A	N/A	N/A
WL7a	1.01	1.72	0.74	N/A	-0.47	N/A	N/A	N/A	N/A	N/A	N/A
WL8	0.50	1.57	0.69	N/A	-0.44	N/A	N/A	N/A	N/A	N/A	N/A
WL9	1.02	1.57	0.89	N/A	-0.44	N/A	N/A	N/A	N/A	N/A	N/A
WL10	0.58	1.49	0.65	2.30	N/A	N/A	-0.41	N/A	N/A	N/A	N/A
WL11	0.50	0.16	0.12	2.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WL12	1.02	1.57	0.69	2.30	-0.44	N/A	N/A	N/A	N/A	N/A	N/A
WL13	1.04	1.79	0.77	2.30	-0.49	N/A	N/A	N/A	N/A	N/A	N/A
WL14	0.27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WL15	0.45	0.36	0.12	N/A	N/A	N/A	0.00	N/A	N/A	11.6	5.02
WLN1C	0.45	0.36	0.12	N/A	N/A	N/A	0.48	N/A	N/A	9.71	N/A
WLN1D	0.45	0.36	0.12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WLN1E	0.15	0.36	0.12	N/A	0.00	N/A	1.31	14.89	N/A	N/A	N/A
WLN1F	0.45	0.36	0.12	N/A	0.00	N/A	0.04	N/A	0.00	N/A	N/A
WLN1G	0.54	0.33	0.44	N/A	0.30	N/A	0.99	11.24	N/A	N/A	N/A
WLN1H	0.45	0.36	0.12	N/A	-0.30	N/A	0.09	1.05	N/A	N/A	N/A
WLN1I	0.45	0.36	0.12	N/A	0.21	N/A	1.15	13.02	N/A	N/A	N/A
WLN1J	0.45	0.36	0.12	N/A	0.11	N/A	0.10	10.03	N/A	N/A	N/A
WLN1K	0.45	0.36	0.12	N/A	0.00	N/A	0.01	0.68	N/A	N/A	N/A
WLN1L	0.45	0.36	0.12	N/A	0.20	N/A	1.24	N/A	N/A	N/A	N/A
WLN1M	0.45	0.36	0.12	N/A	0.12	N/A	0.59	1.05	N/A	N/A	N/A
WLN1N	0.45	0.36	0.12	N/A	0.00	N/A	0.09	1.05	N/A	N/A	N/A
WLN1O	0.45	0.36	0.12	N/A	-0.21	N/A	1.15	13.02	N/A	N/A	N/A
WLN1P	0.45	0.36	0.12	N/A	-0.30	N/A	0.00	0.00	N/A	N/A	N/A
WLN1Q	0.45	0.36	0.12	N/A	0.44	N/A	1.33	N/A	0.00	0.00	N/A
WLN1R	0.04	0.12	0.00	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
WLN1S	0.09	0.28	0.08	N/A	-0.55	N/A	N/A	N/A	N/A	N/A	N/A
WLN1T	0.50	0.14	0.00	2.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WLN1U	N/A	N/A	N/A	2.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WLN1V	1.44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

POINT LOAD SCHEDULE				
Mark	Dead Load kSF	Live Load kSF	Snow Load kSF	Wind Load kSF
P1	3.04	4.71	23.46	-14.82
P2	34.73	53.36	23.46	-4.45
P3	10.42	16.01	7.04	-4.51
P4	11.63	17.74	7.77	3.91
P5	11.44	14.00	9.19	0.00
P6	0.96	2.97	0.00	0.00
P7	0.96	2.97	0.00	0.00
P8	5.69	5.62	2.27	0.00
P9	28.12	22.19	8.67	0.00
P10	18.83	13.67	5.71	0.00

SUPERIMPOSED UNIFORM LOAD SCHEDULE				
Mark	DEAD LOAD kSF	LIVE LOAD kSF	SNOW LOAD kSF	COMMENTS
WL1	110.00	100.00	42.00	YARDS AND TERRACES
WL2	20.00	100.00	N/A	CORRIDORS FIRST FLOOR
WL3	20.00	100.00	N/A	STAIRS AND EXITS
WL4	20.00	100.00	N/A	STORE FIRST FLOOR
WL5	20.00	40.00	N/A	PRIVATE ROOMS
WL6	20.00	40.00	N/A	MULTIFAMILY DWELLINGS



CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - 1ST FLOOR