

Group 1 WSEC-Commercial Code Proposals - 2021

Proponent	Section	Subject	Init. Log Number	Tentative Date	TAG Action	Committee Action	Council Action
Duane Jonlin, City of Seattle	402.2.8 & 9 new sections	Thermal bridging concrete balconies and fenestration framing	<a href="#">21-GP1-159</a>	13-Aug			
Jonny Kocher, RMI	403.1.4, 407, 503.4.1, 503.4.6	Space Heating Proposal	<a href="#">21-GP1-103</a>	13-Aug	AM 7/16/21 Further modified 7/23		
Nicholas O'Neil, Energy 350	202, 403.1.3	Data Center MLC Updates	<a href="#">21-GP1-235</a>	13-Aug			
Henry Odum, Ecotope	403.3.5.5	DOAS Tempering	<a href="#">21-GP1-239</a>	13-Aug			
Duane Jonlin, City of Seattle	403.3.7 new section	Hydronic system max flow in piping system	<a href="#">21-GP1-166</a>	13-Aug			
Eric Vander Mey, Rushing	403.4.11	DDC Controls	<a href="#">21-GP1-227</a>	13-Aug			
Henry Odum, Ecotope	403.5.11 & 403.14	Operable Openings	<a href="#">21-GP1-240</a>	13-Aug			
Mike Kennedy	403.7.1	DCV	<a href="#">21-GP1-190</a>	13-Aug			
Mike Kennedy	403.7.5	Garage Ventilation	<a href="#">21-GP1-191</a>	13-Aug			
Eric Vander Mey, Rushing	403.7.5.2	Parking garage vent controls	<a href="#">21-GP1-229</a>	13-Aug			
Nicholas O'Neil, Energy 350	403.7.7.1.3	Kitchen DCV	<a href="#">21-GP1-236</a>	13-Aug			
Sean Denniston, New Buildings Institute	403.4.1	DR Thermostats	<a href="#">21-GP1-97</a>	13-Aug			
Eric Vander Mey, Rushing	403.5 Exceptions 1 and 5	Airside Economizer	<a href="#">21-GP1-228</a>	13-Aug			
Mike Kennedy	403.3.2.4, 403.4.1.1	Packaged electric heating and cooling equipment.	<a href="#">21-GP1-194</a>	13-Aug			
Sean Denniston, New Buildings Institute	403.15	Indoor Horticulture Dehumidification	<a href="#">21-GP1-95</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	403.5	PTHP Econo Exp for Group R1 and I1	<a href="#">21-GP1-184</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	403.5	Group R2 Exclusion for Econo Exp 1	<a href="#">21-GP1-185</a>	13-Aug			
Duane Jonlin, City of Seattle	403.11	Extend radiant heating req't to include unheated spaces	<a href="#">21-GP1-172</a>	13-Aug			
Eric Vander Mey, Rushing	403.10.3	Refrigerant piping clarifications	<a href="#">21-GP1-226</a>	13-Aug			
Sean Denniston, New Buildings	404.14	DR Water Heaters	<a href="#">21-GP1-99</a>	13-Aug			
Jonny Kocher, RMI	404.2.1, 404.2.2, 406.1, 406.8, 406.9	heat pump water heating	<a href="#">21-GP1-136</a>	13-Aug	7/30:TAG directed proponent to work with interest group with new version without NEEA standard		
CJ Brockway, Sparklab Lighting Design	Table 405.4.2(2) footnotes / 405.2.2.1	Additional interior lighting power	<a href="#">21-GP1-94</a>	13-Aug			
Duane Jonlin, City of Seattle	405.7.1	Electrical receptacles at gas appliances	<a href="#">21-GP1-179</a>	13-Aug			
Nicholas O'Neil, Energy 350	202, 405.13	UPS efficiency for computer rooms	<a href="#">21-GP1-137</a>	13-Aug			
Gavin Tenold, WA Solar Energy Industries Assoc	202, 406, 407, 412	Community Solar Project	<a href="#">21-GP1-120</a>	13-Aug			
Reid Hart, PNNL	403.4.11.1 & 406	HVAC applications	<a href="#">21-GP1-206</a>	13-Aug			

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Mark Frankel, Ecotope	411, with carry over to 406, 407	RENEWABLE ENERGY	<a href="#">21-GP1-78</a>	13-Aug			
Alexander Ratcliff, PAE Consulting Engineers	406	Fault Detection and Diagnostic System	<a href="#">21-GP1-107</a>	13-Aug			
Chelsea Guenette, PAE Consulting Engineers	406	DOAS- HR	<a href="#">21-GP1-109</a>	13-Aug			
Aaron Whitlatch, Rushing	406	Lighting reduction	<a href="#">21-GP1-210</a>	13-Aug			
Austin Bonnes, Rushing	406.1	Heat pump dryers	<a href="#">21-GP1-231</a>	13-Aug			
Austin Bonnes, Rushing	406.1	Radiant heating and cooling	<a href="#">21-GP1-232</a>	13-Aug			
Austin Bonnes, Rushing	406.1	Temp set points	<a href="#">21-GP1-233</a>	13-Aug			
Mark Frankel, Ecotope	406.1	Additional efficiency	<a href="#">21-GP1-146</a>	13-Aug			
Reginald Christor, Rushing	406.13	High performance temperature maintenance system	<a href="#">21-GP1-213</a>	13-Aug			
Chris Little, Rushing	406.13	Drainwater heat recovery	<a href="#">21-GP1-214</a>	13-Aug			
Chris Little, Rushing	406.13	High efficiency circulation systems	<a href="#">21-GP1-215</a>	13-Aug			
Anton Leitner, Rushing	406.13	Appendix M plumbing sizing for DCW/DHW	<a href="#">21-GP1-217</a>	13-Aug			
Chris Little, Rushing	406.13	Low flow showerheads for R-1 and R-2 occupancies	<a href="#">21-GP1-218</a>	13-Aug			
Eric Vander Mey, Rushing	406.2	Building areas and occupancies	<a href="#">21-GP1-221</a>	13-Aug			
Aaron Whitlatch, Rushing	406.3	Reduced lighting dwelling units	<a href="#">21-GP1-210</a>	13-Aug			
Eric Vander Mey, Rushing	406.5	On-site renewable energy.	<a href="#">21-GP1-220</a>	13-Aug			
Aaron Whitlatch, Rushing	406.7	High performance dedicated outdoor air system (DOAS)	<a href="#">21-GP1-211</a>	13-Aug			
Clarence Clipper, Centrio	202/403.1.1/ 404.2.2/406	Low-Carbon district energy x 3	<a href="#">21-GP1-121</a>	13-Aug			
Alexander Ratcliff, PAE Consulting Engineers	406.1 & 406.12	Enhanced Commercial Kitchen equipment	<a href="#">21-GP1-106</a>	13-Aug			
Rahul Athalye, NORESKO	406.4.13, 406.4.14	Enhanced Kitchen and Laundry equipment in accordance with Section 406.13 and 406.14	<a href="#">21-GP1-88</a>	13-Aug			
Chris Little, Rushing	406.8 and 406.9	clarification of service water heat pump efficiencies	<a href="#">21-GP1-212</a>	13-Aug			
Dan Kirschner, NW Gas Association	Table 406.1 and Sections 406.8 and 406.9	Efficiency	<a href="#">21-GP1-140</a>	13-Aug			
Michael Rosenberg Pacific NW National	407	Total Building Performance	<a href="#">21-GP1-70</a>	13-Aug	**AM 7/23/21; <a href="#">sections to be revisited</a>		
Clarence Clipper, Centrio	202/407.3/ 404.2.1	Low-Carbon district energy x 2	<a href="#">21-GP1-122</a>	13-Aug			
Doug Smith Meng Analysis	408	Lower Commissioning exception thresholds	<a href="#">21-GP1-101</a>	13-Aug			
Eric Vander Mey, Rushing	409.1	Source vs End use metering exceptions	<a href="#">21-GP1-222</a>	13-Aug			
Mike Kennedy	410	Unscramble refrigeration language	<a href="#">21-GP1-128</a>	13-Aug			
Mike Kennedy	412	COMPRESSED AIR	<a href="#">21-GP1-193</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	409.1.2, 409.4.4, 409.5	Metering corrections/clarifications	<a href="#">21-GP1-238</a>	13-Aug			
Aaron Tanner, Rushing	409.4.1 through 409.4.3	Consumption rate and display clarifications	<a href="#">21-GP1-223</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	411.1, 502.1, 503.1, 505.1	Solar Readiness Provision	<a href="#">21-GP1-115</a>	13-Aug			
Mark Frankel, Ecotope	501, New 501.7	Building Energy Performance EUI	<a href="#">21-GP1-79</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	501.2, 503.2, 503.3, 505.1	Change in space conditioning	<a href="#">21-GP1-114</a>	13-Aug			
Sean Denniston	502, 503, new 506	Historic Buildings	<a href="#">21-GP1-102</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	502.1, 502.2, 502.3, 503.1, 503.3 through 503.7	Existing Building Language Cleanup	<a href="#">21-GP1-112</a>	13-Aug			

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Lisa Rosenow, Evergreen Technology Consulting	Table 503.4	PTHP PTAC	<a href="#">21-GP1-183</a>	13-Aug			
Mike Baranick, Hargis Engineers	503.8 (new section)	compliance path for building alterations	<a href="#">21-GP1-118</a>	13-Aug			
Lisa Rosenow, Evergreen Technology Consulting	202, 403.3.5.1, 403.3.5.2, 403.3.5.3, 403.3.5.4, 406.7	DOAS fan power	<a href="#">21-GP1-110</a>		<a href="#">AM 7/23/21</a>		
Nicholas O'Neil, Energy 350	202, 403.8.1, 403.8.1.1, 403.8.1.2, 503.4, 503.4.6, 403.3.5.1, 403.6.10, 403.12	Fan Power Allowance tables	<a href="#">21-GP1-138</a>		<a href="#">AM 7/23/21</a>		
Michael Rosenberg Pacific NW National	403.1.1 and App D	HVAC TSPR	<a href="#">21-GP1-69</a>		<a href="#">AM 7/23/21</a>		
Mike Kennedy	403.2.2, 406.6, 406.7	Over 150 pct Ventilation - DOAS ERV	<a href="#">21-GP1-188</a>		<a href="#">AM 7/23/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	Chapter 6, 403.3.5.1, 403.3.6, 406.7	DOAS Sensible Recovery Readiness	<a href="#">21-GP1-113</a>		<a href="#">AM 7/23/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	403.3.5.1	DOAS DCV Exception	<a href="#">21-GP1-111</a>		<a href="#">AM 7/23/21</a>		
Duane Jonlin, City of Seattle	403.3.5.1	60% enthalpy ERV required for DOAS, except R1/R2	<a href="#">21-GP1-165</a>		<a href="#">AM 7/23/21</a>		
Mike Kennedy	403.8.1	DOAS Allowable fan motor horsepower	<a href="#">21-GP1-187</a>		<a href="#">WD 7/23/21</a>		
Mike Baranick, Hargis Engineers	403.1.1	HVAC TSPR	<a href="#">21-GP1-119</a>		<a href="#">WD 7/23/21</a>		
Mike Baranick, Hargis Engineers	407.2 & 407.3	Mandatory Requirements	<a href="#">21-GP1-117</a>		<a href="#">WD 7/23/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	202	Definition Updates	<a href="#">21-GP1-148</a>		<a href="#">AM 7/09/21</a>		
Aaron Whitlatch, Rushing	202	Definitions	<a href="#">21-GP1-224</a>		<a href="#">AM 7/09/21</a>		
Mike Kennedy	401.1	Process Form	<a href="#">21-GP1-129</a>		<a href="#">AS 6/25/21</a>		
Aaron Whitlatch, Rushing	402.1.1.1	Low energy buildings	<a href="#">21-GP1-225</a>		<a href="#">AS 7/09/21</a>		
Mike Kennedy	402.1.1.2	Semiheat	<a href="#">21-GP1-130</a>		<a href="#">AM 7/16/21</a>		
Duane Jonlin, City of Seattle	402.1.1.2	Semi-heated buildings definition	<a href="#">21-GP1-158</a>		<a href="#">AM 7/09/21</a>		
Duane Jonlin, City of Seattle	202, Table 402.1.3(i)	Continuous insulation, Stainless steel penetrations	<a href="#">21-GP1-157</a>		<a href="#">AS 7/16/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	402.1.5.1, 402.2, Table 402.1.3	General Updates	<a href="#">21-GP1-149</a>		<a href="#">AS 6/25/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	202, Table 402.1.3, Table 402.1.4	Mass Transfer Decks	<a href="#">21-GP1-150</a>		<a href="#">AM 7/16/21</a>		
Luke Howard, Dept of Commerce	402.1.3 footnote c & 402.1.4 footnote d	CMU Walls Table	<a href="#">21-GP1-207</a>		<a href="#">AS 7/16/21</a>		
Luke Howard, Dept of Commerce	402.1.3 footnote c & 402.1.4 footnote d	Elimination of table	<a href="#">21-GP1-208</a>		<a href="#">AS 7/16/21</a>		
Duane Jonlin, City of Seattle	402.1.4.3	PTAC U-factors	<a href="#">21-GP1-160</a>		<a href="#">AS 7/16/21</a>		
Alexander Ratcliff, PAE Consulting Engineers	402.2.5	Rooms containing fuel-burning appliances	<a href="#">21-GP1-104</a>		<a href="#">AS 7/16/21</a>		
Duane Jonlin, City of Seattle	Table 402.4	Reduce fenestration U-values	<a href="#">21-GP1-161</a>		<a href="#">AM 7/30/21</a>		
Mike Kennedy	402.4.2	Minimum Skylight fenestration	<a href="#">21-GP1-131</a>		<a href="#">AS 7/16/21</a>		
Michael Fowler, Passive House NW	402.5.2 and 402.5.3	Dwelling Unit Enclosure	<a href="#">21-GP1-91</a>		<a href="#">AM 7/16/21</a>		
Chelsea Guenette, PAE Consulting Engineers	402.5.3	Building thermal envelope testing	<a href="#">21-GP1-108</a>		<a href="#">AS 7/16/21</a>		
Duane Jonlin, City of Seattle	402.5.7	No vestibules req'd for doors to outdoor dining	<a href="#">21-GP1-162</a>		<a href="#">AS 6/25/21</a>		
Nicholas O'Neil, Energy 350	202, 403.3.4	Boiler Controls	<a href="#">21-GP1-139</a>		<a href="#">AS 6/25/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	403.2.1, 403.4.1, 403.4.11.2, 403.4.11.3, 403.8.1, 403.9.2.2, 404.4, 411.2	General Mechanical updates	<a href="#">21-GP1-152</a>		<a href="#">AM 6/25/21</a>		
Duane Jonlin, City of Seattle	403.2.3	5 HP threshold for variable flow	<a href="#">21-GP1-163</a>		<a href="#">AS 6/25/21</a>		
Mike McGivern	403.2.3	DDC Systems	<a href="#">21-GP1-008</a>		<a href="#">WD 8/02/21</a>		
Alexander Ratcliff, PAE Consulting Engineers	403.2.5.7	Air intakes errata	<a href="#">21-GP1-105</a>		<a href="#">AS 6/25/21</a>		

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Robby Oylear	403.3, 403.3.7, 403.3.7.1	New sub-section to 403.3 Equipment Selection 403.3.7 Hydronic Coil Selection 403.3.7.1 Chilled-Water Coil Selection	21-GP1-52		AM 7/30/21		
Mark Frankel, Ecotope	403.3.1.1	Hot Water Coil Capacity	21-GP1-147		Withdrawn after modification of 052 7/30/21		
Mike Kennedy	403.3.2	Boiler Efficiency	21-GP1-132		AM 6/25/21		
Lisa Rosenow, Evergreen Technology Consulting	403.3.2	General Mechanical updates Equip Re-org	21-GP1-154		AS 6/25/21		
Duane Jonlin, City of Seattle	403.3.2.4	Extend HP requirement from packaged to include split systems	21-GP1-164		AS 6/25/21		
Mike Kennedy	403.3.4.2 (new)	High capacity space heating boiler	21-GP1-133		AS 6/25/21		
Mike Kennedy	403.3.5	DOAS Exception modifications	21-GP1-189		WD 7/15/21		
Robby Oylear	403.4.4	Part load controls	21-GP1-54		AS 7/30/21		
Duane Jonlin, City of Seattle	403.4.12 new section	Pressure independent control valves	21-GP1-167		AM 6/25/21		
Lisa Rosenow, Evergreen Technology Consulting	403.6.10	General Mechanical updates-HEVAV	21-GP1-153		AS 6/25/21		
Duane Jonlin, City of Seattle	403.7.1	DCV threshold moves from 25 to 15 occ/1000 sf	21-GP1-168		AS 6/25/21		
Duane Jonlin, City of Seattle	403.7.5	Clarify that "garage" ventilation include repair garages	21-GP1-169		AM 6/25/21		
Duane Jonlin, City of Seattle	403.7.6	Increase ERV effectiveness from 50% to 60%, except R1/R2	21-GP1-170		AS 6/25/21		
Robby Oylear	403.8.2	Motor nameplate horsepower	21-GP1-51		WD By proponent 6/23/21		
Duane Jonlin, City of Seattle	403.9.1	Set cooling tower condenser water max temp	21-GP1-171		WD 7/26/21		
Lisa Rosenow, Evergreen Technology Consulting	403.10.1.1, 403.10.2	General Mech Updates to Duct Insulation	21-GP1-209		AM 6/25/21		
Howard Ahern, Airex MFG.	403.10.3.1	Protection of piping insulation	21-GP1-155		AM 6/25/21		
Robby Oylear	403.10.4	Insulation of refrigerant piping	21-GP1-53		WD By proponent 6/25/21		
Mike Kennedy	Table 404.2	Water Heater	21-GP1-192		AM 7/16/21; modified 7/30/21		
Duane Jonlin, City of Seattle	Table 404.3.1	Allow 8 feet of pipe length between circ pipe and lavatory, instead of just 1 or 2	21-GP1-173		AS 6/25/21		
Duane Jonlin, City of Seattle	404.6.1	Storage tank insulation for higher-temperature storage	21-GP1-174		AS 7/16/21		
Duane Jonlin, City of Seattle	404.7.1	Require thermostatic balancing valves and thermostatic mixing valves	21-GP1-175		AS 7/16/21		
Lisa Rosenow, Evergreen Technology Consulting	404.7.1, 404.7.1.1, 404.7.1.2	Circulation pump	21-GP1-182		AM 7/16/21		
Duane Jonlin, City of Seattle	404.7.3.1	Pipe insulation 1" thicker on circulation system piping	21-GP1-176		AS 7/16/21		
Duane Jonlin, City of Seattle	404.11.1	Pool water heaters over 2000 gallons req'd to be heat pump	21-GP1-177		AS 7/23/21		
Heli Ojamaa, Blanca Lighting Design	405.2	Interior Lighting Allowance	21-GP1-76		AM 7/09/21		
Mike Kennedy	405.2	Lighting controls- LLLC	21-GP1-124		WD 7/09/21		
Duane Jonlin, City of Seattle	405.2	Require LLLC lighting or digital lighting control system for large open office areas.	21-GP1-178		AM 7/09/21		
Mike Kennedy	405.2	LLLC Relocation proposal	21-GP1-126		AM 7/09/21		
Shaun Darragh, Lighting Design Lab	405.2.1	Occupant Sensor Controls	21-GP1-93		AM 7/09/21 - But with the understanding it may be revisited		
Shaun Darragh, Lighting Design Lab	405.2.1 Ex 4	Timer Switches	21-GP1-92		AS 7/09/21		
Mike Kennedy	405.2.1.4, 405.2.8	Parking Garage Lighting	21-GP1-127		AS 7/09/21		
Lisa Rosenow, Evergreen Technology Consulting	405.2.2.1, 405.2.5, 405.4.2.2.1, 405.5.2, 405.5.3, 405.9.2	General Lighting Updates	21-GP1-237		AS 7/09/21		
Levi Snow	405.2.4	Daylight Harvesting	21-GP1-026		AM 7/09/21		
Michael Myer, Pacific NW Ntl Lab	405.2.6	Nonvisual lighting	21-GP1-199		AM 7/09/21		
Mike McGivern	405.2.6(3)	Luminaires	21-GP1-009		AS 7/09/21		

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Mike Kennedy	405.2.7.3	Lighting setback	<a href="#">21-GP1-125</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.2.7.3	Parking Occupancy	<a href="#">21-GP1-202</a>		WD		
Michael Myer, Pacific NW Ntl Lab	405.2.9	Footprint	<a href="#">21-GP1-200</a>		WD		
Sean Denniston, New Buildings Institute	405.3	Plant light efficacy	<a href="#">21-GP1-98</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.4.1	Connected power for track	<a href="#">21-GP1-201</a>		D 7/09/21		
Daniel Salinas	405.4.2 (2)	Add note for Unfinished Spaces	<a href="#">21-GP1-144</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.4.2.2	LPA Table footnote cleanup	<a href="#">21-GP1-197</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.4.2.2	Space by Space Method	<a href="#">21-GP1-203</a>		AS 7/09/21		
Michael Myer, Pacific NW Ntl Lab	405.5.1	Exterior building grounds lighting	<a href="#">21-GP1-204</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.5.3	Exterior Lighting	<a href="#">21-GP1-198</a>		<a href="#">AM 7/09/21</a>		
Michael Myer, Pacific NW Ntl Lab	405.5.3	connected exterior lighting power	<a href="#">21-GP1-205</a>		WD		
						Disapproved / Incomplete	
Sean Denniston, New Buildings Institute	405.13	Electricification Readiness	<a href="#">21-GP1-96</a>				
Aaron Whitlatch, Rushing	406.1	Additional energy efficiency credit requirements	<a href="#">21-GP1-230</a>	30-Jul	<a href="#">AM 7/30/21</a>		
Sean Denniston, New Buildings Institute	406.1	Addtl. Energy Credits Existing Bldgs	<a href="#">21-GP1-100</a>		D 7/30/21		
Mike Kennedy	503.8	alterations, comply with 406	<a href="#">21-GP1-195</a>	30-Jul	D 7/30/21		
Chris Little, Rushing	406.13	Efficient domestic hot water system distribution	<a href="#">21-GP1-216</a>		WD		
Chris Little, Rushing	406.13	Water harvesting systems	<a href="#">21-GP1-219</a>		WD		
Dan Kirschner, NW Gas Association	Table 407.3(1)	Cost & Emissions Factors	<a href="#">21-GP1-142</a>		D 6/25/21		
Dan Kirschner, NW Gas Association	Table 407.3(1)	Carbon Emissions	<a href="#">21-GP1-141</a>		D 6/25/21		
Emily Salzberg, Dept of Commerce	Table 407.3(1)	updated carbon emissions factor	<a href="#">21-GP1-156</a>		AS 6/25/21		
Duane Jonlin, City of Seattle	503.6	Reduce threshold for LPA compliance from 50% to 20%	<a href="#">21-GP1-180</a>		<a href="#">AM 7/09/21</a>		
Lisa Rosenow, Evergreen Technology Consulting	503.3.1	Roof retrofit	<a href="#">21-GP1-151</a>		AS 6/25/21		
Mike Kennedy	503.6.1	Luminaire additions and alterations	21-GP1-123		WD		
Michael Fowler	App F	F101.3.2 Table	<a href="#">21-GP1-90</a>		<a href="#">AM 6/25/21</a>		