

PARTICULAR SPECIFICATION

APPENDIX AG

DESIGN SUBMISSION CHECKLIST FORM A1 and A2

CHECKLIST FORM A1**Summary for Design and Checking of Structural Elements***[To be submitted together by QP and AC]*1. Preliminary Submission ☐ 2. Pre-Final Submission ☐ 3. Final Submission ☐4. ST Submission ☐ 5. Others ☐ (please specify _____)

Project Ref. No.: _____ Doc. Ref. No.: _____

Project Description: _____

Summary of Structural Elements Sheet*Below table is an example for illustration purpose only.*

S/N	Type of Structural Elements*	Element Markings in Structural Plan	QP		AC ¹	
			Design Calculations			
			Element Marking ²	Page Numbers	Element Marking ²	Page Numbers
1	<i>Footing</i>	<i>F1 to F4, F4a, F5 to F7</i>	<i>Same as plan</i>	<i>5-15</i>	<i>Same as plan</i>	<i>5 – 18</i>
2	<i>Level 1 Beams</i>	<i>1B1 to 1B10</i>	<i>A-1 to A-10</i>	<i>16-30</i>	<i>Same as plan</i>	<i>19 - 39</i>
3	<i>Level 2 Beams</i>	<i>2B1 to 2B5, 2B6 (transfer), 2B7 to 2B10</i>	<i>A-11 to A-20</i>	<i>Refer to Level 1 Beams</i>	<i>Same as plan</i>	<i>40 – 60</i>
4	<i>Typical Floor Beams</i>	<i>3B1 to 3B10, 4B1 to 4B10</i>	<i>A-21 to A-40</i>	<i>31-55</i>	<i>Same as plan</i>	<i>61 – 90</i>
5	<i>Columns</i>	<i>1C1 to 1C8, 2C1 to 2C8, 2C9 to 2C10 (transfer), 3C1 to 3C10</i>	<i>Same as plan</i>	<i>56-71</i>	<i>C1 – C28</i>	<i>91-115</i>
6	<i>Slabs</i>	<i>S1 – S10</i>	<i>Same as plan</i>	<i>72-90</i>	<i>NA</i>	<i>NA</i>
7	<i>Critical Connections</i>	<i>Details A - G</i>	<i>Same as plan</i>	<i>91-101</i>	<i>Same as plan</i>	<i>116-126</i>

CHECKLIST FORM A1

S/N	Type of Structural Elements*	Element Markings in Structural Plan	QP		AC ¹	
			Design Calculations			
			Element Marking ²	Page Numbers	Element Marking ²	Page Numbers
8						
9						
10						
11						
12						
13						
14						

* All structural elements in the project to be designed / checked, e.g. piles / earth retaining structures / retaining walls / columns / walls / beams / slabs / staircase / barrier.

 Stamp & Signature of Qualified Person

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¹ AC to indicate 'NA' for elements not checked for under his scope.

² Where QP/AC indicates element markings in design calculations as "same as plan" or equivalent, all the structural elements listed under "Element markings in structural plan" shall be deemed to be designed and checked by QP/AC.

CHECKLIST FORM A2**Summary for Design and Checking of Structural Elements***[To be submitted by QP and AC separately]*1. Preliminary Submission ☐ 2. Pre-Final Submission ☐ 3. Final Submission ☐4. ST Submission ☐ 5. Others ☐ (please specify _____)

Project Ref. No.: _____ Doc. Ref. No.: _____

Project Description: _____

Grouping of Structural Elements Sheet*Below table is an example for illustration purpose only.*

S/N	Type of Structural Elements*	Element Markings in Structural Plan	Designed Structural Elements that are similar	Remarks
1	<i>Beam or N.A</i>	<i>3B1, 3B2, 3B3, 3B4, 3B5 or N.A.</i>	<i>2B1, 2B2, 2B3, 2B4, 2B5 or [to indicate N.A. if there is no grouping in the design]</i>	<i>Typical floor</i>
2				
3				
4				
5				

* All structural elements in the project to be designed / checked, e.g. piles / earth retaining structures / retaining walls / columns / walls / beams / slabs / staircase / barrier.

Stamp & Signature of Qualified Person / Accredited Checker