**Project Builders Risk – CLT / Mass Timber Supplement**

 *(To be completed in addition to the standard PBR Questionnaire when project will involve CLT / MT)*

**SECTION 1 – PROJECT TEAM EXPERIENCE**

**Provide the project team’s overall experience with CLT / Mass Timber projects and attach any prior project detail (size, location, scope of CLT as component of larger job, etc.)**

Project Owner: Please provide project owner experience

General Contractor: Please provide GC experience

Lead Architect: Please provide Lead Architect experience

Structural Engineer: Please provide Structural Engineer experience

Please provide how your Qualification process for the above parties?

Please provide insight into how these parties were selected.

Have any of the parties above worked together prior? [ ]  Yes [ ]  No 🡪 If so, %: % repeat%

**SECTION 2 – PROJECT SPECIFIC DETAILS**

**How will CLT / MT be used in project?** Select from listIf “other”, explain: Note other use

**Please provide a list of all CLT / Mass Timber components and how they will be utilized within the design and construction means and methods (e.g. beams, canopies, columns, floor, internal paneling, etc.)**

|  |
| --- |
| Please enter component information here |

**If this will be a hybrid project (i.e., combo of CLT / MT and non-combustible material), provide how concrete and steel will be used / integrated (e.g. columns, flooring, etc.)**

|  |
| --- |
| Please provide details re: integration of conventional noncombustible materials |

**Will the project involve any traditional wood frame material in framing or sheathing in wall partitions, exterior paneling, or trusses?** [ ]  Yes [ ]  No If “Yes”, please explain: Enter here

**Material Manufacturer / Supplier**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Material** | **Manufacturer** | **Plant Location** | **Transport Mode** | **Distance to Site** |
| Glulam | Enter here | Enter here | Choose an item. | Enter here Miles |
| Cross Laminated Timber (CLT) | Enter here | Enter here | Choose an item. | Enter here Miles |
| Dowel Laminated Timber (DLT) | Enter here | Enter here | Choose an item. | Enter here Miles |
| Nail Laminated Timber (NLT) | Enter here | Enter here | Choose an item. | Enter here Miles |
| Other: Enter here | Enter here | Enter here | Choose an item. | Enter here Miles |

**Certification**

CLT / DLT / NLT meets ANSI / APA PRG – 320 certification as recognized by the IBC? [ ]  Yes [ ]  No

Glulam meets ANSI / AITC A 190.1-17 certification as recognized by the IBC? [ ]  Yes [ ]  No

If “No” answered for either of the above, please describe certification process to ensure that international certifications meet or exceed ANSI / APA PRG 320 and will be accepted by the Authority Having Jurisdiction (AHJ) under IBC requirements for CLT.

|  |
| --- |
| Provide documentation around certification process |

**SECTION 3 – MEANS & METHODS / LOSS PREVENTION MEASURES**

**Please provide detail around engineered erection and bracing plan for the framing system to be used:**

Enter erection and bracing plan detail

**Describe the structural framing erection sequencing:**

Enter structural framing sequencing

**Water Damage / Moisture Prevention**

Written Water Damage / Moisture Plan in place? [ ]  Yes [ ]  No *(Please provide copy of such)*

Water IoT with real time flow and leak detection monitoring? [ ]  Yes [ ]  No (*Please provide details)*

What preventative measures will be in place prior to finalizing building envelope?

Detail preventative measures here

Methods to control climate and prevent extreme swings in humidity and temperature?

Provide climate control methods here

**Fire & Overall Site Protection**

Fire Department briefed on use of CLT / MT? [ ]  Yes [ ]  No

Distance to nearest responding station: Enter here Miles

Permanent fire water supply sufficient for project in place and available prior to installation / erection of CLT / Mass Timber components? [ ]  Yes [ ]  No

Will temporary standpipes be installed & remain operational during and after structural work? [ ]  Yes [ ]  No

Will the site utilize any forms of project surveillance or cameras?[ ]  Yes [ ]  No

If “Yes”, can you please provide what kind(s)? Provide detail on site security

**QA / QC Requirements**

Will manufacturers of CLT / Mass Timber conduct QC inspections?[ ]  Yes [ ]  No

Will third party consultants be utilized for review of building envelope? [ ]  Yes [ ]  No

If “Yes”, please provide Consultant Name / Firm: Provide Consultant Name

Will there be any regular representatives from manufacturers onsite? [ ]  Yes [ ]  No

Building Envelope and/or framing mocks-ups completed? [ ]  Yes [ ]  No

If “Yes”, please describe: Describe mock-ups and results

**Superficial Damage Control**

What measures will be taken to prevent damage which may alter the appearance of the CLT / Mass Timber such as discoloration, marring, pitting, staining, UV related damage?

|  |
| --- |
| Provide details on preventative measures against aesthetic or superficial damage |

**SECTION 4 – ADDITIONAL PROJECT COMMENTS**

**In the event that there is additional information or detail regarding this project that was not otherwise addressed or called out in this questionnaire but which you believe is important for underwriting to be aware of, please provide your comments below.**

|  |
| --- |
| Provide any additional commentary regarding the project here |