1. Independent verification certificate

#### Project details

|  |  |
| --- | --- |
| Item | Details |
| Project name |  |
| Organisation accountable for design/asset impact assessment |  |
| Purpose of independent verification (design/asset impact assessment) |  |
| Verified design component/asset |  |
| Independent verifier organisation |  |
| Associated engineering disciplines |  |

#### Schedule of Certified Design Documentation *(List all verified documents)*

|  |  |  |
| --- | --- | --- |
| Name | Document Type | Revision/ Version |
| *[Enter text]* | *Example: Drawing/ Specification/ Report/ Calculations/ Impact assessment/ System Model/ Need Specification* | *[Enter text]* |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

#### Compliance Statement *(strikeout components when not relevant)*

I/ We certify that I/We have:

1. Undertaken an independent engineering verification in relation to the design/ impact assessment represented by the drawings / specifications/ report/ calculations provided by the designer as listed in the above schedule;
2. Carried out a detailed check of individual design elements and the proposed asset as a whole including specified material properties;
3. Reviewed all the relevant inputs in accordance with Sydney Water Technical Specifications Civil, Mechanical, Electrical;
4. Reviewed the proposed construction procedure and the aspects of associated impacts on the Sydney Water and other assets;
5. Fulfilled the role and responsibility of the independent verifier in accordance with Sydney Water’s Engineering Competency Standard (BMIS number: D0000833).

In performing the function of Independent Verification, I/ We have used due skill, care and diligence and from my/ our review and in my/ our opinion as a professional engineer, I/ We consider that:

1. All relevant design actions and design criteria are covered by the design and that these actions and criteria and overall concept meet the requirements of the intent of the design/ impact assessment
2. The strength, stability, serviceability, durability and other Limit State requirements as defined in the Sydney Water technical specifications are met; and
3. The construction drawings and specifications accurately describe the following matters critical to the structural integrity:
   1. Detailing and dimensions,
   2. The required material properties and
   3. The construction procedure and temporary works.

#### Independent verifier personnel and signatures *(List all relevant discipline independent verifiers)*

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Discipline | Relevant Engineering Competency Classification | Signature |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### References *(List relevant Standard, where compliance is checked against)*

|  |  |  |  |
| --- | --- | --- | --- |
| Document Title | Version | Document Type | **Relevance** |
| *[eg.: Technical Specification- Civil]* | *[eg.: V9.0]* | *Technical Specification* |  |
| *[eg: Technical Specification Mechanical]* | *[eg.: V11.0]* | *Technical Specification* |  |
| *[eg.: Technical Specification Electrical]* | *[eg.: V12.0]* | *Technical Specification* |  |
| *BOA Guideline* | *[eg.: V1.0]* | *Guideline* |  |
|  |  |  |  |
|  |  |  |  |