

**Appendix III – Data Filtering Rule Table**

| <b>Data Provider / Data Receiver</b> | <b>ArchSD</b>  | <b>CEDD</b>  | <b>DSD</b>  | <b>EMSD</b>   | <b>HyD</b>  | <b>LandsD</b>  | <b>WSD</b>   |
|--------------------------------------|--|--|---|---|---|--|--|
| <b>ArchSD</b>                        |  | Site terrain and feature, slope, bridge, road, tunnel, cavern, foundation, utilities, tree | Plant, mains, pipes, manhole, drainage-related underground structure e.g. box culvert, tunnel, stormwater storage structure, etc. | E&M installations, utilities                                | Road, bridge, railway structure and substructure, street lighting, traffic light, noise barrier, tree | Site boundary, existing buildings, registered slope and site features      | Plant, reservoir, mains, pipes, manholes                                   |
| <b>CEDD</b>                          | External features and outlines of structures   |  | Drainage and Sewage system, Pump room and Treatment plant   | E&M Installations and Utilities                             | Road, Bridge, Railway structure, Street furniture, Drain, Noise barrier, Slope and Tree               | Land status information, 3D spatial data, Digital aerial photos, and Slope | Water Supply system  |
| <b>DSD</b>                           | Terminal manhole and pipework  |  |   | DCS Pipe and associated structures                          | Terminal manhole and pipework   | 3D topographical and photogrammetry data and images                        | Terminal manhole and pipework  |
|                                      | Project boundaries   |  |   | Project boundaries  |   | Land lot boundaries and land status plans                                  | Project boundaries   |
|                                      | General external configuration and appearance of structures  |  |   | General external configuration and appearance of structures |   | N/A  | General external configuration and appearance of structures                |
|                                      | Full set of BIM Models in Native Format for works to be handed over to DSD   |  |   | N/A   | Full set of BIM Models in Native Format for works to be handed over to DSD                            | N/A  | Full set of BIM Models in Native Format for works to be handed over to DSD |
|                                      | N/A  |  |   | N/A   | Underground utilities   | N/A  | Underground assets   |
| <b>EMSD</b>                          | General building plans/ E&M Installation   | Building plans for plant building/ E&M Installation/ Utilities for DCS pipe laying         | Utilities for DCS pipe laying   |   | Street Furniture / Footbridge lift / Lighting / MEP Installation                                      | N/A  | Utilities for DCS pipe laying  |
| <b>HyD</b>                           | Building, Bridge, Foundation, Road, Slope, Tree  | Bridge, Foundation, Road, Slope, Tree, Tunnel, Utilities                                   | Drainage, Road, Slope, Tree, Utilities  | E&M Installation, Utilities                                 |   | Existing Ground Condition, Road, Slope, Tree                               | Road, Slope, Tree, Utilities, Waterworks                                   |
| <b>LandsD</b>                        | ● Full set of As-built BIM and Shareable BIM   |  |   |   |   |  | ditto  |
| <b>WSD</b>                           | BIM models of underground structures and features (especially within unallocated land and waterworks reserve, e.g. bridge foundations, subways, box culvert, etc.) and underground utilities |  |   |   |   |  |  |
|                                      | Only external features and outlines/appearance of buildings for above ground structures  |  |   |   |   |  |  |

● Full Set of As-built BIM Models in Native Format