


| Element Classification                                  | Building Alteration (Work Done to Existing Buildings) |                                  | Equipment and Systems                  | New Construction | Horizontal, Civil                           | Other                                 |                      |         | Direct Tenant TAA Projects Appendix A2   |
|---|---|----------------------------------|--|------------------|---|---------------------------------------|----------------------|---------|--|
|   | Exterior Alterations                                  | Interior Alterations to Building | Installation of new Standalone Systems | New Buildings    | All Horizontal and Site Utility Replacement | Building Demolition, Total or Partial | Temporary Structures | Signage | Notes for LOD Requirements    |
| Element Name  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>A</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Site/Civil</b>                                       |   |                                  |  |                  |   |                                       |                      |         |  |
| Site Improvements                                       | Use Pull Down Menu for LOD.                           |                                  |  |                  |   |                                       |                      |         |  |
| Roadways  | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Parking Lots  | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Pedestrian Plazas and Walkways                          | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Airfields   | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Athletic, Recreational, and Playfield Areas             | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Site Development  | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| Landscaping   | 200   | 200                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | MPA Civil 3D Template File   |
| <b>Liquid and Gas Site Utilities</b>                    |   |                                  |  |                  |   |                                       |                      |         |  |
| Water Utilities   | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | Interior Projects- Link to Utilities   |
| Sanitary Sewerage Utilities                             | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | Provide hook-up location to existing utility lines. Provide "z" coordinate for utilities. MPA Civil 3D template file   |
| Storm Drainage Utilities                                | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| Site Energy Distribution                                | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| Site Fuel Distribution                                  | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| Liquid and Gas Site Utilities Supplementary Components  | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| <b>Electrical Site Improvements</b>                     |   |                                  |  |                  |   |                                       |                      |         |  |
| Site Electric Distribution Systems                      | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | Equipment shall be identified  |
| Site Lighting   | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     | Equipment shall be identified  |
| <b>Site Communications</b>                              |   |                                  |  |                  |   |                                       |                      |         |  |
| Site Communications Systems                             | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| <b>Miscellaneous Site Const</b>                         |   |                                  |  |                  |   |                                       |                      |         |  |
| Tunnels   | 200   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| <b>Subgrade Enclosures</b>                              |   |                                  |  |                  |   |                                       |                      |         |  |
| Walls for Subgrade Enclosures                           | 300   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| <b>Slabs-on-Grade</b>                                   |   |                                  |  |                  |   |                                       |                      |         |  |
| Slabs   | 300   | 300                              | N/A                                    | 300              | 300   | N/A                                   | N/A                  | N/A     |  |
| <b>B</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Superstructure/Envelope</b>                          |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Superstructure</b>                                   |   |                                  |  |                  |   |                                       |                      |         |  |
| Floor Construction                                      | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Provide accurate geometry to the highest level created for project. For new construction Massport requires the exterior shell. Interior information on major equipment location and type required for rescue services. |
| Roof Construction                                       | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Structural Framing                                      | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Structural Columns                                      | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Exterior Vertical Enclosures</b>                     |   |                                  |  |                  |   |                                       |                      |         |  |
| Exterior Walls  | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Provide accurate geometry to the highest level created for project. For new construction Massport requires the exterior shell. Interior information on major equipment location and type required for rescue services. |
| Exterior Windows  | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Exterior Doors  | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Exterior Louvers  | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>C</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Internal to MPA Facilities</b>                       |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Interiors</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Interior Construction</b>                            |   |                                  |  |                  |   |                                       |                      |         |  |
| Interior Partitions                                     | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Interior Windows  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Interior Doors  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Secure/Not secure  |
| Interior Grilles  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Raised Floor Construction                               | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Suspended Ceiling Construction                          | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Interior Finishes</b>                                |   |                                  |  |                  |   |                                       |                      |         |  |
| Wall Finishes   | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Flooring  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Stair Finishes  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Ceiling Finishes  | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Interior Finish Schedules                               | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>D</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>MEP/FP &amp; Equipment</b>                           |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Conveying</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| Vertical Conveying Systems                              | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Provide Shop Drawings  |
| Horizontal Conveying Systems                            | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Provide Shop Drawings  |
| Material Handling                                       | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     | Provide Shop Drawings  |
| <b>Plumbing</b>   |   |                                  |  |                  |   |                                       |                      |         |  |
| Domestic Water Distribution                             | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     | Provide hook-up location to existing utility lines. Provide "z" coordinate for utilities. MPA AutoCAD template file or .rvt model file   |
| Sanitary Drainage                                       | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Building Support Plumbing                               | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| General Service Compressed Air                          | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Process Support Plumbing                                | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>HVAC</b>   |   |                                  |  |                  |   |                                       |                      |         |  |
| Facility Fuel Systems                                   | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Heating Systems   | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Cooling Systems   | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Facility HVAC Distribution System                       | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Ventilation   | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Special Purpose HVAC Systems                            | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Fire Protection</b>                                  |   |                                  |  |                  |   |                                       |                      |         |  |
| Fire Suppression  | N/A   | 300                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Fire Protection Specialties                             | N/A   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Electrical</b>                                       |   |                                  |  |                  |   |                                       |                      |         |  |
| Facility Power Generation                               | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Electrical Service and Distribution                     | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| General Purpose Elec. Power                             | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Lighting  | 300   | 350                              | N/A                                    | 350              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Misc. Electrical Systems                                | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Communications</b>                                   |   |                                  |  |                  |   |                                       |                      |         |  |
| Data Communications                                     | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Voice Communications                                    | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Audio-Video Communication                               | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Distributed Communications and Monitoring               | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Communications Components                               | N/A   | 300                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Elect Safety and Security</b>                        |   |                                  |  |                  |   |                                       |                      |         |  |
| Access Control and Intrusion Detection                  | 300   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Electronic Surveillance                                 | 200   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Detection and Alarm                                     | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Electronic Monitoring and Control                       | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Electronic Safety and Security Supplementary Components | 300   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>Integrated Automation</b>                            |   |                                  |  |                  |   |                                       |                      |         |  |
| Integrated Automation Facility Controls                 | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>E</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Furnishings</b>                                      |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Equipment</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| Vehicle and Pedestrian Equipment                        | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Commercial Equipment                                    | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Institutional Equipment                                 | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>F</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Specialties</b>                                      |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Furnishings</b>                                      |   |                                  |  |                  |   |                                       |                      |         |  |
| Fixed Furnishings                                       | N/A   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Movable Furnishings                                     | N/A   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| <b>G</b>  |   |                                  |  |                  |   |                                       |                      |         |  |
| <b>Special Construction</b>                             |   |                                  |  |                  |   |                                       |                      |         |  |
| Special Function Construction                           | 200   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Special Facility Components                             | 200   | 300                              | N/A                                    | 300              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Athletic and Recreational Special Construction          | 200   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |
| Special Instrumentation                                 | 200   | 200                              | N/A                                    | 200              | N/A   | N/A                                   | N/A                  | N/A     |  |