Exhibit M

DRAFT

AIA® Document G202™ – 2013

Project Building Information Modeling Protocol Form

PROJECT: *(Name and address)*
«CREC New Two Rivers High School»
«Bloomfield, CT»
PROTOCOL VERSION NUMBER: « »
DATE: «draft – October 23, 2014 »
PREPARED BY: «Robert W. Roach, AIA »
DISTRIBUTION TO: *(List each individual to whom this protocol is distributed. Include individuals listed in Section 1.1, or reference Section 1.1, along with any additional recipients.)*
« »

TABLE OF ARTICLES

ARTICLE 1 GENERAL PROVISIONS

§ 1.1 For each Project Participant that has incorporated the Project specific AIA Document E203™–2013, Building Information Modeling and Digital Data Protocol Exhibit, dated « » , into its agreement for the Project, identify and provide the contact information for individuals responsible for implementation of the Modeling protocols. If, for any Project Participant, more than one individual will be responsible for implementation of the Modeling protocols, list each individual separately and describe the unique Modeling Role assigned to each individual.

Modeling Role	Project Participant	Individual Responsible	Contact Information
« »			

§ 1.2 This document establishes the Modeling protocols for the Project. For purposes of these protocols, the Model is comprised of the following information and other data sets: *(Indicate disciplines, separate models, and other data that will be included within the Model and governed by the Modeling protocols.)*

« »

§ 1.3 Collaboration Protocols. The Project Participants' protocols for the collaborative utilization of the Model, if any, including communications protocols, a collaboration meeting schedule and colocation requirements, are as follows:

« »

§ 1.4 Technical Requirements. The technical requirements relating to the utilization of Building Information Modeling, including specific software and hardware requirements are as follows:

« »

ADDITIONS AND DELETIONS: The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This document is intended to be used in conjunction with a Project specific AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, which the Parties will incorporate into their agreement for the Project, and a Project specific AIA Document G201™–2013, Project Digital Data Protocol Form.

ELECTRONIC COPYING of any portion of this AIA® Document to another electronic file is prohibited and constitutes a violation of copyright laws as set forth in the footer of this document.

§ 1.5 Training and Support. The parameters for any training or support program(s) that will be implemented with respect to any collaboration strategy or technical requirements are set forth below:

« »

§ 1.6 Model Standard. The Model shall be developed in accordance with the following Model Standard, if any:

« »

§ 1.7 Model Management Protocols and Processes
The following Model Management Protocols and Processes shall apply to the Project only if specifically designated in the table below as being applicable.
(Designate the Model Management Protocols and Processes applicable to the Project in the second column of the table below. In the third column, indicate whether the detailed description of the Model Management Protocol or Process is located in Section 1.8 or in an attached exhibit. If in an exhibit, identify the exhibit.)

Model Management Protocols and Processes	Applicability to Project *(Applicable or Not Applicable)*	Location of Detailed Description *(Section 1.8 below or in an attachment to this exhibit identified below)*
§ 1.7.1 Model origin point, coordinate system, precision, file formats and units	–Applicable	
§ 1.7.2 Model file storage location(s)	Applicable	
§ 1.7.3 Processes for transferring and accessing Model files	Applicable	
§ 1.7.4 Naming conventions	Applicable	
§ 1.7.5 Processes for aggregating Model files from varying software platforms	Applicable	
§ 1.7.6 Model access rights	Applicable	
§ 1.7.7 Design coordination and clash detection procedures.	Applicable	
§ 1.7.8 Model security requirements	Applicable	

§ 1.8 Insert a description of each Model Management Protocol and Process identified in Section 1.7, if not further described in an exhibit attached to this document:

« »

§ 1.9 Terms in this document shall have the same meaning as those in AIA Document E203–2013.

ARTICLE 2 LEVEL OF DEVELOPMENT
§ 2.1 The Level of Development (LOD) descriptions, included in Section 2.2 through Section 2.6 below, identify the specific minimum content requirements and associated Authorized Uses for each Model Element at five progressively detailed levels of completeness. The Parties shall utilize the five LOD descriptions in completing the Model Element Table at Section 3.3.

§ 2.2 LOD 100
§ 2.2.1 Model Element Content Requirements. The Model Element may be graphically represented in the Model with a symbol or other generic representation, but does not satisfy the requirements for LOD 200. Information related to the Model Element (i.e., cost per square foot, tonnage of HVAC, etc.) can be derived from other Model Elements.

§ 2.2.2 Authorized Uses
§ 2.2.2.1 Analysis. The Model Element may be analyzed based on volume, area and orientation by application of generalized performance criteria assigned to other Model Elements.

§ 2.2.2.2 Cost Estimating. The Model Element may be used to develop a cost estimate based on current area, volume or similar conceptual estimating techniques (e.g., square feet of floor area, condominium unit, hospital bed, etc.).

§ 2.2.2.3 Schedule. The Model Element may be used for Project phasing and determination of overall Project duration.

§ 2.2.2.4 Other Authorized Uses. Additional Authorized Uses of the Model Element developed to LOD 100, if any, are as follows:

« »

§ 2.3 LOD 200
§ 2.3.1 Model Element Content Requirements. The Model Element is graphically represented within the Model as a generic system, object, or assembly with approximate quantities, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.

§ 2.3.2 Authorized Uses
§ 2.3.2.1 Analysis. The Model Element may be analyzed for performance of selected systems by application of generalized performance criteria assigned to the representative Model Elements.

§ 2.3.2.2 Cost Estimating. The Model Element may be used to develop cost estimates based on the approximate data provided and quantitative estimating techniques (e.g., volume and quantity of elements or type of system selected).

§ 2.3.2.3 Schedule. The Model Element may be used to show ordered, time-scaled appearance of major elements and systems.

§ 2.3.2.4 Coordination. The Model Element may be used for general coordination with other Model Elements in terms of its size, location and clearance to other Model Elements.

§ 2.3.2.5 Other Authorized Uses. Additional Authorized Uses of the Model Element developed to LOD 200, if any, are as follows:

« »

§ 2.4 LOD 300
§ 2.4.1 Model Element Content Requirements. The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of quantity, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.

§ 2.4.2 Authorized Uses
§ 2.4.2.1 Analysis. The Model Element may be analyzed for performance of selected systems by application of specific performance criteria assigned to the representative Model Element.

§ 2.4.2.2 Cost Estimating. The Model Element may be used to develop cost estimates suitable for procurement based on the specific data provided.

§ 2.4.2.3 Schedule. The Model Element may be used to show ordered, time-scaled appearance of detailed elements and systems.

§ 2.4.2.4 Coordination. The Model Element may be used for specific coordination with other Model Elements in terms of its size, location and clearance to other Model Elements including general operation issues.

§ 2.4.2.5 Other Authorized Uses. Additional Authorized Uses of the Model Element developed to LOD 300, if any, are as follows:

« »

§ 2.4 LOD 350
§ 2.4.1 Model Element Content Requirements. The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of quantity, size, shape, location, orientation, and interfaces with other building systems. Non-graphic information may also be attached to the Model Element.

§ 2.4.2 Authorized Uses
§ 2.4.2.1 Analysis. The Model Element may be analyzed for performance of selected systems by application of specific performance criteria assigned to the representative Model Element.

§ 2.4.2.2 Cost Estimating. The Model Element may be used to develop cost estimates suitable for procurement based on the specific data provided.

§ 2.4.2.3 Schedule. The Model Element may be used to show ordered, time-scaled appearance of detailed elements and systems.

§ 2.4.2.4 Coordination. The Model Element may be used for specific coordination with other Model Elements in terms of its size, location and clearance to other Model Elements including general operation issues.

§ 2.4.2.5 Other Authorized Uses. Additional Authorized Uses of the Model Element developed to LOD 350, if any, are as follows:

§ 2.5 LOD 400
§ 2.5.1 Model Element Content Requirements. The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of size, shape, location, quantity, and orientation with detailing, fabrication, assembly, and installation information. Non-graphic information may also be attached to the Model Element.

§ 2.5.2 Authorized Uses
§ 2.5.2.1 Analysis. The Model Element may be analyzed for performance of systems by application of actual performance criteria assigned to the Model Element.

§ 2.5.2.2 Cost Estimating. Costs are based on the actual cost of the Model Element at buyout.

§ 2.5.2.3 Schedule. The Model may be used to show ordered, time-scaled appearance of detailed specific elements and systems including construction means and methods.

§ 2.5.2.4 Coordination. The Model Element may be used for coordination with other Model Elements in terms of its size, location and clearance to other Model Elements, including fabrication, installation and detailed operation issues.

§ 2.5.2.5 Other Authorized Uses. Additional Authorized Uses of the Model Element developed to LOD 400, if any, are as follows:

« »

§ 2.6 LOD 500
§ 2.6.1 Model Element Content Requirements. The Model Element is a field verified representation in terms of size, shape, location, quantity, and orientation. Non-graphic information may also be attached to the Model Elements.

§ 2.6.2 Authorized Uses. Specific Authorized Uses of the Model Element developed to LOD 500, if any, are as follows:

« »

ARTICLE 3 MODEL ELEMENTS

§ 3.1 Reliance on Model Elements

§ 3.1.1 At any particular Project milestone, a Project Participant may rely on the accuracy and completeness of a Model Element only to the extent consistent with the minimum data required for the Model Element's LOD for that Project milestone as identified below in the Model Element Table, even if the content of a specific Model Element includes data that exceeds the minimum data required for the identified LOD.

§ 3.1.2 Coordination and Model Refinement

Where conflicts are found in the Model, regardless of the phase of the Project or LOD, the Project Participant that identifies the conflict shall promptly notify the Model Element Authors and the Project Participant identified in AIA Document E203–2013 Section 4.8 as being responsible for Model management. Upon such notification, the Model Element Author(s) shall act promptly to evaluate, mitigate and resolve the conflict in accordance with the processes established in Section 1.7.7, if applicable.

Exhibit M

§ 3.2 Table Instructions

§ 3.2.1 The Model Element Table in Section 3.3 indicates the LOD to which each Model Element shall be developed at each identified Project milestone and the Model Element Author.

§ 3.2.2 Abbreviations for each Model Element Author to be used in the Model Element Table are as follows:
(Provide abbreviations, such as "A—Architect," or "C—Contractor.")

Abbreviation	Model Element Author (MEA)
A – Architect/ Landscape designer	TBD
C – C.M., Contractors & Sub-contractors	TBD
CV – Civil Engineer	TBD
M – M/E/P/FP Engineers	TBD
S – Structural Engineer	TBD
SEC – Security consultant	TBD
V – Voice/Data consultant	TBD

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes *(See Sec 3.4)*
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
A SUBSTRUCTURE																			
A10 FOUNDATIONS																			
A1010 Standard Foundations																			
A1010.10 Wall Foundations	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1010.30 Column Foundations	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1010.90 Standard Foundation Supplementary Components	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020 Special Foundations																			
A1020.10 Driven Piles	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.15 Bored Piles	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.20 Caissons	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.30 Special Foundation Walls	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.40 Foundation Anchors	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.50 Underpinning	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.60 Raft Foundations	100	S		200	S		300	S		350	S		400	C		500	C, S		

Formatted Table

Formatted Table

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
A1020.70 Pile Caps	100	S		200	S		300	S		350	S		400	C		500	C, S		
A1020.80 Grade Beams	100	S		200	S		300	S		350	S		400	C		500	C, S		
A20 SUBGRADE ENCLOSURES																			
A2010 Walls for Subgrade Enclosures																			
A2010.10 Subgrade Enclosure Wall Construction	100	S		200	S		300	S		350	S		400	C		500	C, S		
A2010.20 Subgrade Enclosure Wall Interior Skin	100	S		200	S		300	S		350	S		400	C		500	C, S		
A2010.90 Subgrade Enclosure Wall Supplementary Components	100	S		200	S		300	S		350	S		400	C		500	C, S		
A40 SLABS-ON-GRADE																			
A4010 Standard Slabs-on-Grade	100	A		200	A		300	A		350	A		400	C		500	C, A		
A4020 Structural Slabs-on-Grade	100	S		200	S		300	S		350	S		400	C		500	C, S		
A4030 Slab Trenches	100	S		200	S		300	S		350	S		400	C		500	C, S		
A4040 Pits and Bases	100	S		200	S		300	S		350	S		400	C		500	C, S		
A4090 Slab-On-Grade Supplementary Components																			
A4090.10 Perimeter Insulation	100	A		200	A		300	A		350	A		400	C		500	C, A		
A4090.20 Vapor Retarder	100	A		200	A		300	A		350	A		400	C		500	C, A		
A4090.30 Waterproofing	100	A		200	A		300	A		350	A		400	C		500	C, A		
~~A4090.50 Mud Slab~~																			
A4090.60 Subbase Layer	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
A60 WATER AND GAS MITIGATION																			
A6010 Building Subdrainage																			
A6010.10 Foundation Drainage	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
A6010.20 Underslab Drainage	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
A6020 Off-Gassing Mitigation																			
A6020.10 Radon Mitigation	100	M		200	M		300	M		350	M		400	C		500	C, M		
A6020.50 Methane Mitigation	100	M		200	M		300	M		350	M		400	C		500	C, M		
A90 SUBSTRUCTURE RELATED ACTIVITIES																			
A9010 Substructure Excavation																			
A9010.10 Backfill and Compaction	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
A9020 Construction Dewatering	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		

Formatted Table

Formatted: Strikethrough

Exhibit M

Formatted Table

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
A9030 Excavation Support																			
A9030.10 Anchor Tiebacks	100	S		200	S		300	S		350	S		400	C		500	C, S		
A9030.20 Cofferdams	100	S		200	S		300	S		350	S		400	C		500	C, S		
A9030.40 Cribbing and Walers	100	S		200	S		300	S		350	S		400	C		500	C, S		
A9030.60 Ground Freezing	100	S		200	S		300	S		350	S		400	C		500	C, S		
A9030.70 Slurry Walls	100	S		200	S		300	S		350	S		400	C		500	C, S		
A9040 Soil Treatment	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
B SHELL																			
B10 SUPERSTRUCTURE																			
B1010 Floor Construction																			
B1010.10 Floor Structural Frame	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1010.20 Floor Decks, Slabs, and Toppings	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1010.30 Balcony Floor Construction	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1010.40 Mezzanine Floor Construction	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1010.50 Ramps	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1010.90 Floor Construction Supplementary Components	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1020 Roof Construction																			
B1020.10 Roof Structural Frame	100	S		200	S		300	S		350	S		400	C		500	C, S		
B1020.20 Roof Decks, Slabs, and Sheathing	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1020.30 Canopy Construction	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1020.90 Roof Construction Supplementary Components	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1080 Stairs																			
B1080.10 Stair Construction	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1080.30 Stair Soffits	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1080.50 Stair Railings	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1080.60 Fire Escapes	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B1080.70 Metal Walkways	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S,		

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
																	A		
B1080.80 Ladders	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B20 EXTERIOR VERTICAL ENCLOSURES																			
B2010 Exterior Walls																			
B2010.10 Exterior Wall Veneer	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.20 Exterior Wall Construction	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.30 Exterior Wall Interior Skin	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.40 Fabricated Exterior Wall Assemblies	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.50 Parapets	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.60 Equipment Screens	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.80 Exterior Wall Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2010.90 Exterior Wall Opening Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2020 Exterior Windows																			
B2020.10 Exterior Operating Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2020.20 Exterior Fixed Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2020.30 Exterior Window Wall	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2020.50 Exterior Special Function Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2050 Exterior Doors and Grilles																			
B2050.10 Exterior Entrance Doors	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
B2050.20 Exterior Utility Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2050.30 Exterior Oversize Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2050.40 Exterior Special Function Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2050.60 Exterior Grilles	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
B2050.70 Exterior Gates	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2050.90 Exterior Door Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2070 Exterior Louvers and Vents																			
B2070.10 Exterior Louvers	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
B2070.50 Exterior Vents	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
B2080 Exterior Wall Appurtenances																			
B2080.10 Exterior Fixed Grilles and Screens	100	A		200	A		300	A		350	A		400	C		500	C, A		

Formatted Table

Exhibit M

Formatted Table

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
B2080.30 Exterior Opening Protection Devices	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2080.50 Exterior Balcony Walls and Railings	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
B2080.70 Exterior Fabrications	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2080.80 Bird Control Devices	100	A		200	A		300	A		350	A		400	C		500	C, A		
B2090 Exterior Wall Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
B30 EXTERIOR HORIZONTAL ENCLOSURES																			
B3010 Roofing																			
B3010.10 Steep Slope Roofing	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3010.50 Low-Slope Roofing	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3010.70 Canopy Roofing	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3010.90 Roofing Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3020 Roof Appurtenances																			
B3020.10 Roof Accessories	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3020.30 Roof Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3020.70 Rainwater Management	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
B3040 Traffic Bearing Horizontal Enclosures																			
B3040.10 Traffic Bearing Coatings	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
B3040.30 Horizontal Waterproofing Membrane	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
B3040.50 Wear Surfaces	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
B3040.90 Horizontal Enclosure Supplementary Components	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
B3060 Horizontal Openings																			
B3060.10 Roof Windows and Skylights	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3060.50 Vents and Hatches	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
B3060.90 Horizontal Opening Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3080 Overhead Exterior Enclosures																			
B3080.10 Exterior Ceilings	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3080.20 Exterior Soffits	100	A		200	A		300	A		350	A		400	C		500	C, A		
B3080.30 Exterior Bulkheads	100	A		200	A		300	A		350	A		400	C		500	C, A		
C INTERIORS																			
C10 INTERIOR CONSTRUCTION																			
C1010 Interior Partitions																			

Exhibit M

Formatted Table

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
C1010.10 Interior Fixed Partitions	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1010.20 Interior Glazed Partitions	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1010.40 Interior Demountable Partitions	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
C1010.50 Interior Operable Partitions	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
C1010.70 Interior Screens	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1010.90 Interior Partition Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1020 Interior Windows																			
C1020.10 Interior Operating Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1020.20 Interior Fixed Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1020.50 Interior Special Function Windows	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1020.90 Interior Window Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030 Interior Doors																			
C1030.10 Interior Swinging Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.20 Interior Entrance Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.25 Interior Sliding Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.30 Interior Folding Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.40 Interior Coiling Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.50 Interior Panel Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.70 Interior Special Function Doors	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.80 Interior Access Doors and Panels	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1030.90 Interior Door Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1040 Interior Grilles and Gates																			
C1040.10 Interior Grilles	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1040.50 Interior Gates	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1060 Raised Floor Construction																			
C1060.10 Access Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1060.30 Platform/Stage Floors	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
C1070 Suspended Ceiling Construction																			
C1070.10 Acoustical Suspended Ceilings	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1070.20 Suspended Plaster and Gypsum Board Ceilings	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1070.50 Specialty Suspended Ceilings	100	A		200	A		300	A		350	A		400	C		500	C, A		

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
C1070.70 Special Function Suspended Ceilings	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1070.90 Ceiling Suspension Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090 Interior Specialties																			
C1090.10 Interior Railings and Handrails	100	S,A		200	S,A		300	S,A		350	S,A		400	C		500	C, S, A		
C1090.15 Interior Louvers	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.20 Information Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.25 Compartments and Cubicles	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.30 Service Walls	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.35 Wall and Door Protection	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.40 Toilet, Bath, and Laundry Accessories	100	A		200	A		300	A		350	A		400	C		500	C, A		
~~C1090.45 Interior Gas Lighting~~																			
~~C1090.50 Fireplaces and Stoves~~																			
C1090.60 Safety Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.70 Storage Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
C1090.90 Other Interior Specialties	100	A		200	A		300	A		350	A		400	C		500	C, A		
C20 INTERIOR FINISHES																			
C2010 Wall Finishes																			
C2010.10 Tile Wall Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.20 Wall Paneling	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.30 Wall Coverings	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.35 Wall Carpeting	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.50 Stone Facing	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.60 Special Wall Surfacing	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.70 Wall Painting and Coating	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.80 Acoustical Wall Treatment	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2010.90 Wall Finish Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2020 Interior Fabrications	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030 Flooring																			
C2030.10 Flooring Treatment	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.20 Tile Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
C2030.30 Specialty Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.40 Masonry Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.45 Wood Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.50 Resilient Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.60 Terrazzo Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.70 Fluid-Applied Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.75 Carpeting	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.80 Athletic Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.85 Entrance Flooring	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2030.90 Flooring Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040 Stair Finishes																			
C2040.20 Tile Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040.40 Masonry Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040.45 Wood Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040.50 Resilient Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040.60 Terrazzo Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2040.75 Carpeted Stair Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2050 Ceiling Finishes																			
C2050.10 Plaster and Gypsum Board Finish	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2050.20 Ceiling Paneling	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2050.70 Ceiling Painting and Coating	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2050.80 Acoustical Ceiling Treatment	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2050.90 Ceiling Finish Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
C2090 Interior Finish Schedules	100	A		200	A		300	A		350	A		400	C		500	C, A		
D SERVICES																			
D10 CONVEYING																			
D1010 Vertical Conveying Systems																			
D1010.10 Elevators	100	M, S, A		200	M, S, A		300	M, S, A		350	M, S, A		400	C		500	C, M, S, A		
D1010.20 Lifts	100	M, S, A		200	M, S, A		300	M, S, A		350	M, S, A		400	C		500	C, M, S, A		
~~D1010.30 Escalators~~																			

Formatted Table

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~D1010.50 Dumbwaiters~~																			
~~D1010.60 Moving Ramps~~																			
~~**D1030 Horizontal Conveying**~~																			
~~D1030.10 Moving Walks~~																			
~~D1030.30 Turntables~~																			
~~D1030.50 Passenger Loading Bridges~~																			
~~D1030.70 People Movers~~																			
~~**D1050 Material Handling**~~																			
~~D1050.10 Cranes~~																			
~~D1050.20 Hoists~~																			
~~D1050.30 Derricks~~																			
~~D1050.40 Conveyors~~																			
~~D1050.50 Baggage Handling Equipment~~																			
~~D1050.60 Chutes~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~D1050.70 Pneumatic Tube Systems~~																			
~~D1080 Operable Access Systems~~																			
~~D1080.10 Suspended Scaffolding~~																			
~~D1080.20 Rope Climbers~~																			
~~D1080.30 Elevating Platforms~~																			
~~D1080.40 Powered Scaffolding~~																			
~~D1080.50 Building Envelope Access~~																			
D20 PLUMBING																			
D2010 Domestic Water Distribution																			
D2010.10 Facility Potable-Water Storage Tanks	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2010.20 Domestic Water Equipment	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2010.40 Domestic Water Piping	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2010.60 Plumbing Fixtures	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
D2010.90 Domestic Water Distribution Supplementary Components	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2020 Sanitary Drainage																			
D2020.10 Sanitary Sewerage Equipment	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
D2020.30 Sanitary Sewerage Piping	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
D2020.90 Sanitary Drainage Supplementary Components	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
D2030 Building Support Plumbing Systems																			
D2030.10 Stormwater Drainage Equipment	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2030.20 Stormwater Drainage Piping	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2030.30 Facility Stormwater Drains	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	M, CV		500	C, M, CV		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™		Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
		LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
D2030.60	Gray Water Systems	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	M, CV		500	C, M, CV		
D2030.90	Building Support Plumbing System Supplementary Components	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2050	**General Service Compressed-Air**	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2060	**Process Support Plumbing Systems**																			
D2060.10	Compressed-Air Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2060.20	Vacuum Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2060.30	Gas Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D2060.40	Chemical-Waste Systems	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		~~400~~	C		~~500~~	C, M		
D2060.50	Processed Water Systems	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		~~400~~	C		~~500~~	C, M		
D2060.90	Process Support Plumbing System Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D30	**HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)**																			
D3010	**Facility Fuel Systems**																			
D3010.10	Fuel Piping	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3010.30	Fuel Pumps	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3010.50	Fuel Storage Tanks	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3020	**Heating Systems**																			
D3020.10	Heat Generation	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3020.30	Thermal Heat Storage	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3020.70	Decentralized Heating Equipment	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3020.90	Heating System Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3030	**Cooling Systems**																			
D3030.10	Central Cooling	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3030.30	Evaporative Air-Cooling	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3030.50	Thermal Cooling Storage	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3030.70	Decentralized Cooling	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3030.90	Cooling System Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3050	**Facility HVAC Distribution Systems**																			
D3050.10	Facility Hydronic Distribution	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3050.30	Facility Steam Distribution	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3050.50	HVAC Air Distribution	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3050.90	Facility Distribution Systems Supplementary	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		

Formatted Table

Exhibit M

Formatted Table

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
Components																			
D3060 Ventilation																			
D3060.10 Supply Air	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.20 Return Air	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.30 Exhaust Air	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.40 Outside Air	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.60 Air-to-Air Energy Recovery	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.70 HVAC Air Cleaning	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3060.90 Ventilation Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D3070 Special Purpose HVAC Systems																			
D3070.10 Snow Melting	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D40 FIRE PROTECTION																			
D4010 Fire Suppression																			
D4010.10 Water-Based Fire-Suppression	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4010.50 Fire-Extinguishing	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4010.90 Fire Suppression Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4030 Fire Protection Specialties																			
D4030.10 Fire Protection Cabinets	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4030.30 Fire Extinguishers	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4030.50 Breathing Air Replenishment Systems	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D4030.70 Fire Extinguisher Accessories	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D50 ELECTRICAL																			
D5010 Facility Power Generation																			
D5010.10 Packaged Generator Assemblies	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.20 Battery Equipment	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.30 Photovoltaic Collectors	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.40 Fuel Cells	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.60 Power Filtering and Conditioning	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.70 Transfer Switches	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5010.90 Facility Power Generation Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5020 Electrical Service and Distribution																			
D5020.10 Electrical Service	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™		Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
		LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
D5020.30	Power Distribution	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5020.70	Facility Grounding	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5020.90	Electrical Service and Distribution Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5030	**General Purpose Electrical Power**																			
D5030.10	Branch Wiring System	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5030.50	Wiring Devices	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5030.90	General Purpose Electrical Power Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5040	**Lighting**																			
D5040.10	Lighting Control	~~100~~	A,M		~~200~~	A,M		~~300~~	A,M		~~350~~	A,M		400	C		500	C, A, M		
D5040.20	Branch Wiring for Lighting	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5040.50	Lighting Fixtures	~~100~~	A,M		~~200~~	A,M		~~300~~	A,M		~~350~~	A,M		400	C		500	C, A, M		
D5040.90	Lighting Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5080	**Miscellaneous Electrical Systems**																			
D5080.10	Lightning Protection	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5080.40	Cathodic Protection	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5080.70	Transient Voltage Suppression	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D5080.90	Miscellaneous Electrical Systems Supplementary Components	~~100~~	M		~~200~~	M		~~300~~	M		~~350~~	M		400	C		500	C, M		
D60	**COMMUNICATIONS**																			
D6010	**Data Communications**																			
D6010.10	Data Communications Network Equipment	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6010.20	Data Communications Hardware	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6010.30	Data Communications Peripheral Data Equipment	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6010.50	Data Communications Software	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6010.60	Data Communication Program and Integration Services	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6020	**Voice Communications**																			
D6020.10	Voice Communications Switching and Routing Equipment	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6020.20	Voice Communications Terminal Equipment	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6020.30	Voice Communications Messaging	100	V		200	V		300	V		350	V		400	C		500	C,V		

Formatted Table

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
D6020.40 Call Accounting	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6020.50 Call Management	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6030 Audio-Video Communication																			
D6030.10 Audio-Video Systems	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6030.50 Electronic Digital Systems	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6060 Distributed Communications and Monitoring																			
D6060.10 Distributed Audio-Video Communications Systems	100	V		200	V		300	V		350	V		400	C		500	C,V		
~~D6060.30 Healthcare Communications and Monitoring~~																			
D6060.50 Distributed Systems	100	V		200	V		300	V		350	V		400	C		500	C,V		
D6090 Communications Supplementary Components																			
D6090.10 Supplementary Components	100	V		200	V		300	V		350	V		400	C		500	C,V		
D70 ELECTRONIC SAFETY AND SECURITY																			
D7010 Access Control and Intrusion Detection																			
D7010.10 Access Control	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
D7010.50 Intrusion Detection	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
D7030 Electronic Surveillance																			
D7030.10 Video Surveillance	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
D7030.50 Electronic Personal Protection	100	A		200	A		300	A		350	A		400	C		500	C, A		
D7050 Detection and Alarm																			
D7050.10 Fire Detection and Alarm	100	M, A		200	M, A		300	M, A		350	M, A		400	C		500	C, M, A		
D7050.20 Radiation Detection and Alarm	100	A		200	A		300	A		350	A		400	C		500	C, A		
D7050.30 Fuel-Gas Detection and Alarm	100	A		200	A		300	A		350	A		400	C		500	C, A		
D7050.40 Fuel-Oil Detection and Alarm	100	A		200	A		300	A		350	A		400	C		500	C, A		
D7050.50 Refrigeration Detection and Alarm	100	A		200	A		300	A		350	A		400	C		500	C, A		
D7050.60 Water Intrusion Detection and Alarm	100	A		200	A		300	A		350	A		400	C		500	C, A		
~~**D7070 Electronic Monitoring and Control**~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~D7070.10 Electronic Detention Monitoring and Control~~																			
	100			200			300			350			400	C		500			
D7090 Electronic Safety and Security Supplementary Components																			
D7090.10 Supplementary Components	100	A		200	A		300	A		350	A		400	C		500	C, A		
D80 INTEGRATED AUTOMATION																			
D8010 Integrated Automation Facility Controls																			
D8010.10 Integrated Automation Control of Equipment	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.20 Integrated Automation Control of Conveying Equipment	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.30 Integrated Automation Control of Fire-Suppression Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.40 Integrated Automation Control of Plumbing Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.50 Integrated Automation Control of HVAC Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.60 Integrated Automation Control of Electrical Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.70 Integrated Automation Control of Communication Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.80 Integrated Automation Control of Electronic Safety and Security Systems	100	M		200	M		300	M		350	M		400	C		500	C, M		
D8010.90 Integrated Automation Supplementary Components	100	M		200	M		300	M		350	M		400	C		500	C, M		
E EQUIPMENT AND FURNISHINGS																			
E10 EQUIPMENT																			
~~E1010 Vehicle and Pedestrian Equipment~~																			
~~E1010.10 Vehicle Servicing Equipment~~																			
~~E1010.30 Interior Parking Control Equipment~~																			
~~E1010.50 Loading Dock Equipment~~																			
~~E1010.70 Interior Pedestrian Control Equipment~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™		Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
		LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
E1030	**Commercial Equipment**																			
E1030.10	Mercantile and Service Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.20	Vault Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
~~E1030.25~~	~~Teller and Service Equipment~~																			
E1030.30	Refrigerated Display Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.35	Commercial Laundry and Dry Cleaning Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.40	Maintenance Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.50	Hospitality Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.55	Unit Kitchens	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.60	Photographic Processing Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.70	Postal, Packaging, and Shipping Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.75	Office Equipment	100	A		200	A		300	A		350	A		400	C		500	C, A		
E1030.80	Foodservice Equipment	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
E1040	**Institutional Equipment**																			
E1040.10	Educational and Scientific Equipment	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
~~E1040.20~~	~~Healthcare Equipment~~																			
~~E1040.40~~	~~Religious Equipment~~																			
E1040.60	Security Equipment	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
~~E1040.70~~	~~Detention Equipment~~																			
E1060	**Residential Equipment**																			
E1060.10	Residential Appliances	100	A		200	A		300	A		350	A		400	C		500	C,A		
E1060.50	Retractable Stairs	100	A		200	A		300	A		350	A		400	C		500	C,A		
E1060.70	Residential Ceiling Fans	100	A		200	A		300	A		350	A		400	C		500	C,A		
E1070	**Entertainment and Recreational Equipment**																			
E1070.10	Theater and Stage Equipment	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
E1070.20 Musical Equipment	100	A		200	A		300	A		350	A		400	C		500	C,A		
E1070.50 Athletic Equipment	100	A		200	A		300	A		350	A		400	C		500	C,A		
E1070.60 Recreational Equipment	100	A		200	A		300	A		350	A		400	C		500	C,A		
~~**E1090 Other Equipment**~~																			
~~E1090.10 Solid Waste Handling Equipment~~																			
~~E1090.30 Agricultural Equipment~~																			
~~E1090.40 Horticultural Equipment~~																			
~~E1090.60 Decontamination Equipment~~																			
E20 FURNISHINGS																			
E2010 Fixed Furnishings																			
E2010.10 Fixed Art	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2010.20 Window Treatments	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2010.30 Casework	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2010.70 Fixed Multiple Seating	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2010.90 Other Fixed Furnishings	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2050 Movable Furnishings																			
E2050.10 Movable Art	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2050.30 Furniture	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2050.40 Accessories	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2050.60 Movable Multiple Seating	100	A		200	A		300	A		350	A		400	C		500	C,A		
E2050.90 Other Movable Furnishings	100	A		200	A		300	A		350	A		400	C		500	C,A		
F SPECIAL CONSTRUCTION AND DEMOLITION																			
F10 SPECIAL CONSTRUCTION																			
~~**F1010 Integrated Construction**~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~F1010.10 Building Modules~~																			
~~F1010.50 Manufactured/Fabricated Rooms~~																			
~~F1010.70 Modular Mezzanines~~																			
F1020 Special Structures																			
~~F1020.10 Fabric Structures~~																			
~~F1020.20 Space Frames~~																			
~~F1020.30 Geodesic Structures~~																			
F1020.40 Manufacturer-Engineered Structures	100	A,S		200	A,S		300	A,S		350	A,S		400	C		500	C, A, S		
~~F1020.60 Manufactured Canopies~~																			
F1020.65 Rammed Earth Construction	100	CV		200	CV		300	CV		350	CV		400	C		500	C, A, CV		
F1020.70 Towers	100	A,S		200	A,S		300	A,S		350	A,S		400	C		500	C, A, S		
F1030 Special Function Construction																			
F1030.10 Sound and Vibration Control	100	A		200	A		300	A		350	A		400	C		500	C, A		
F1030.30 Seismic Control	100	A,S, M		200	A,S, M		300	A,S, M		350	A,S, M		400	C		500	C, A, S, M		
~~F1030.50 Radiation Protection~~																			
F1050 Special Facility Components																			
F1050.10 Pools	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
F1050.20 Interior Fountains	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
F1050.30 Interior Water Features	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A,		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
																	M		
F1050.40 Aquariums	100	A, M		200	A, M		300	A, M		350	A, M		400	C		500	C, A, M		
~~F1050.50 Amusement Park Structures and Equipment~~																			
~~F1050.60 Ice Rinks~~																			
~~F1050.70 Animal Containment~~																			
F1060 Athletic and Recreational Special Construction																			
~~F1060.10 Indoor Soccer Boards~~																			
F1060.20 Safety Netting	100	A		~~200~~	A		300	A		350	A		400	C		500	C, A		
F1060.30 Arena Football Boards	100	A		200	A		300	A		350	A		400	C		500	C, A		
F1060.40 Floor Sockets	100	A		200	A		300	A		350	A		400	C		500	C, A		
F1060.50 Athletic and Recreational Court Walls	100	A		200	A		300	A		350	A		400	C		500	C, A		
F1060.60 Demountable Athletic Surfaces																			
~~**F1080 Special Instrumentation**~~																			
~~F1080.10 Stress Instrumentation~~																			
~~F1080.20 Seismic Instrumentation~~																			
~~F1080.40 Meteorological Instrumentation~~																			
~~F1080.60 Earth Movement Monitoring~~																			
~~**F20 FACILITY REMEDIATION**~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~F2010 Hazardous Materials Remediation~~																			
~~F2010.10 Transportation and Disposal of Hazardous Materials~~																			
~~F2010.20 Asbestos Remediation~~																			
~~F2010.30 Lead Remediation~~																			
~~F2010.40 Polychlorinate Biphenyl Remediation~~																			
~~F2010.50 Mold Remediation~~																			
~~F30 DEMOLITION~~																			
~~F3010 Structure Demolition~~																			
~~F3010.10 Building Demolition~~																			
~~F3010.30 Tower Demolition~~																			
~~F3010.50 Bridge Demolition~~																			
~~F3010.70 Dam Demolition~~																			
~~F3030 Selective Demolition~~																			
~~F3030.10 Selective Building Demolition~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~F3030.30 Selective Interior Demolition~~																			
~~F3030.50 Selective Bridge Demolition~~																			
~~F3030.70 Selective Historic Demolition~~																			
~~**F3050 Structure Moving**~~																			
~~F3050.10 Structure Relocation~~																			
~~F3050.30 Structure Raising~~																			
G SITEWORK																			
G10 SITE PREPARATION																			
~~**G1010 Site Clearing**~~																			
~~G1010.10 Clearing and Grubbing~~																			
~~G1010.30 Tree and Shrub Removal and Trimming~~																			
~~G1010.50 Earth Stripping and Stockpiling~~																			
G1020 Site Elements Demolition																			
~~G1020.10 Utility Demolition~~																			
~~G1020.30 Infrastructure Demolition~~																			
G1020.50 Selective Site Demolition	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1030 Site Element Relocations																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Font: Strikethrough, Not Hidden

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
G1030.10 Utility Relocation	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
~~G1050 Site Remediation~~																			
~~G1050.10 Physical Decontamination~~																			
~~G1050.15 Chemical Decontamination~~																			
~~G1050.20 Thermal Decontamination~~																			
~~G1050.25 Biological Decontamination~~																			
~~G1050.30 Remediation Soil Stabilization~~																			
~~G1050.40 Site Containment~~																			
~~G1050.45 Sinkhole Remediation~~																			
~~G1050.50 Hazardous Waste Drum Handling~~																			
~~G1050.60 Contaminated Site Material Removal~~																			
~~G1050.80 Water Remediation~~																			
G1070 Site Earthwork																			
G1070.10 Grading	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.20 Excavation and Fill	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.30 Embankments	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.35 Erosion and Sedimentation Controls	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.40 Soil Stabilization	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.45 Rock Stabilization	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
G1070.50 Soil Reinforcement	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.55 Slope Protection	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.60 Gabions	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.65 Riprap	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.70 Wetlands	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.80 Earth Dams	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G1070.90 Site Soil Treatment	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G20 SITE IMPROVEMENTS																			
G2010 Roadways																			
G2010.10 Roadway Pavement	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2010.20 Roadway Curbs and Gutters	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2010.40 Roadway Appurtenances	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2010.70 Roadway Lighting	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2010.80 Vehicle Fare Collection	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2020 Parking Lots																			
G2020.10 Parking Lot Pavement	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2020.20 Parking Lot Curbs and Gutters	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2020.40 Parking Lot Appurtenances	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2020.70 Parking Lot Lighting	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2020.80 Exterior Parking Control Equipment	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030 Pedestrian Plazas and Walkways																			
G2030.10 Pedestrian Pavement	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030.20 Pedestrian Pavement Curbs and Gutters	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030.30 Exterior Steps and Ramps	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030.40 Pedestrian Pavement Appurtenances	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030.70 Plaza and Walkway Lighting	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G2030.80 Exterior Pedestrian Control Equipment	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
~~**G2040 Airfields**~~																			
~~G2040.10 Aviation Pavement~~																			

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
~~G2040.20 Aviation Pavement Curbs and Gutters~~																			
~~G2040.40 Aviation Pavement Appurtenances~~																			
~~G2040.70 Airfield Lighting~~																			
~~G2040.80 Airfield Signaling and Control Equipment~~																			
G2050 Athletic, Recreational, and Playfield Areas																			
G2050.10 Athletic Areas	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2050.30 Recreational Areas	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2050.50 Playfield Areas	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060 Site Development																			
G2060.10 Exterior Fountains	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.20 Fences and Gates	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.25 Site Furnishings	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.30 Exterior Signage	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.35 Flagpoles	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.40 Covers and Shelters	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.45 Exterior Gas Lighting	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.50 Site Equipment	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.60 Retaining Walls	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		
G2060.70 Site Bridges	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A,CV		

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™		Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
		LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
	G2060.80 Site Screening Devices	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2060.85 Site Specialties	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
G2080	**Landscaping**																			
	G2080.10 Planting Irrigation	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2080.20 Turf and Grasses	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2080.30 Plants	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2080.50 Planting Accessories	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2080.70 Landscape Lighting	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
	G2080.80 Landscaping Activities	100	A,CV		200	A,CV		300	A,CV		350	A,CV		400	C		500	C,A, CV		
G30	**LIQUID AND GAS SITE UTILITIES**																			
G3010	**Water Utilities**																			
	G3010.10 Site Domestic Water Distribution	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3010.30 Site Fire Protection Water Distribution	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3010.50 Site Irrigation Water Distribution	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G3020	**Sanitary Sewerage Utilities**																			
	G3020.10 Sanitary Sewerage Utility Connection	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3020.20 Sanitary Sewerage Piping	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3020.40 Utility Septic Tanks	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3020.50 Sanitary Sewerage Structures	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3020.60 Sanitary Sewerage Lagoons	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G3030	**Storm Drainage Utilities**																			
	G3030.10 Storm Drainage Utility Connection	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3030.20 Storm Drainage Piping	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3030.30 Culverts	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3030.40 Site Storm Water Drains	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3030.50 Storm Drainage Pumps	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
	G3030.60 Site Subdrainage	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		

Formatted Table

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
G3030.70 Storm Drainage Ponds and Reservoirs	100	CV		200	CV		300	CV		350	CV		400	C		500	C, CV		
G3050 Site Energy Distribution																			
G3050.10 Site Hydronic Heating Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G3050.20 Site Steam Energy Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G3050.40 Site Hydronic Cooling Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
~~**G3060 Site Fuel Distribution**~~																			
~~G3060.10 Site Gas Distribution~~																			
~~G3060.20 Site Fuel Oil Distribution~~																			
~~G3060.30 Site Gasoline Distribution~~																			
~~G3060.40 Site Diesel Fuel Distribution~~																			
~~G3060.60 Site Aviation Fuel Distribution~~																			
G3090 Liquid and Gas Site Utilities Supplementary Components																			
G3090.10 Supplementary Components	100	CV		200	CV		300	CV		350	CV		400	C		500	C,CV		
G40 ELECTRICAL SITE IMPROVEMENTS																			
G4010 Site Electric Distribution Systems																			
G4010.10 Electrical Utility Services	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4010.20 Electric Transmission and Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4010.30 Electrical Substations	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4010.40 Electrical Transformers	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4010.50 Electrical Switchgear and Protection Devices	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		

Formatted Table

Formatted: Left

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

§ 3.3 Model Element Table

Identify (1) the LOD required for each Model Element at each Project milestone, (2) the Model Element Author, and (3) references to any applicable notes found in Section 3.4.

Insert abbreviations for each MEA identified in the table below, such as "A – Architect," or "C – Contractor."

NOTE: LODs must be adapted for the unique characteristics of each Project.

Model Elements Utilizing CSI UniFormat™	Project Milestone 1: May 29, 2015 100% DD			Project Milestone 2: September 11, 2015 50% CD			Project Milestone 3: December 21, 2015 90% CD			Project Milestone 4: July 1, 2016 Pre-Bid Model			Project Milestone 5: March 28, 2018 Construction Complete			Project Milestone 6: August 17, 2018 As-Built Model			Notes (See Sec 3.4)
	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	LOD	MEA	Notes	
G4010.70 Site Grounding	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4010.90 Electrical Distribution System Instrumentation and Controls	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4050 Site Lighting																			
G4050.10 Area Lighting	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4050.20 Flood Lighting	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4050.50 Building Illumination	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G4050.90 Exterior Lighting Supplementary Components	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G50 SITE COMMUNICATIONS																			
G5010 Site Communications Systems																			
G5010.10 Site Communications Structures	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G5010.30 Site Communications Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G5010.50 Wireless Communications Distribution	100	M, CV		200	M, CV		300	M, CV		350	M, CV		400	C		500	C, M, CV		
G90 MISCELLANEOUS SITE CONSTRUCTION																			
G9010 Tunnels																			
~~G9010.10 Vehicular Tunnels~~																			
~~G9010.20 Pedestrian Tunnels~~																			
~~G9010.40 Service Tunnels~~	100			200			300			350			400	C		500			
~~G9010.90 Tunnel Construction Related Activities~~																			

§ 3.4 Model Element Table Notes

Notes:

Formatted Table

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Formatted: Strikethrough

Exhibit M

(List by number shown on table.)

« »