

Modeling Elements	LOD		Extents Type		Notes
	General	Detailed	Limited	Sbux	
Floor Plan Elements					
Exterior Walls		250	✓	✓	Model all walls as Generic-xx
Interior Walls, Partitions, Partial Height Walls		250	✓	✓	Model all walls as Generic-xx
Bump-Outs, Recesses, Niches		250	✓	✓	
Wall Openings/Pass Throughs		250	✓	✓	
Visible Columns, Visible Embedded Columns		250	✓	✓	
Doors		250	✓	✓	
Windows		250	✓	✓	
Storefront		250	✓	✓	
Vestibules		250	✓	✓	
Built-in Cabinetry, countertops		250	✓	✓	LOD 100 in limited area
Built-in Shelving		250	✓	✓	LOD 100 in limited area
Built-in Furniture		250	✓	✓	LOD 100 in limited area
Built Up Window Display boxes		250	✓	✓	LOD 100 in limited area
Hand Rails [Interior Only]		250	✓	✓	
Floor Hatches (access Panels)		250	✓		
Built-in Display Platforms		250	✓	✓	LOD 100 in limited area
Steps, Ramps, Changes in Level		250	✓	✓	
Escalators		250	✓	✓	
Elevator Shafts		250	✓	✓	
Restroom Partitions		250	✓		
Finishes Plan Elements					
Wall Finishes					
					Within the Starbucks space, show floor patterning by floor plate. Limited Scope space, differentiate flooring by floor plate only, with no patterning shown
Floor Finishes		250	✓	✓	
Ceiling Finishes					
Baseboards		250		✓	
Chair Rails		250		✓	Model as Railing family or MIP
Crown Moulding		250		✓	Wall sweep depending on situation.
General Equipment Elements					
ATMs	✓		✓		Generic Family or MIP
Safes	✓		✓		Generic Family or MIP
Compactors	✓		✓		Generic Family or MIP
Built-in Coolers/Freezers	✓		✓		Generic Family or MIP
Roll-up Security Grates	✓		✓	✓	Generic Family or MIP
Loading dock lifts/equipment	✓		✓	✓	Generic Family or MIP
Roller/Conveyor systems	✓		✓		Generic Family or MIP
Fixture Plan Elements					
Gondolas		250	✓	✓	LOD 100 in limited area
Merchandiser [Fixed]		250	✓	✓	LOD 100 in limited area
Merchandiser [Non-Fixed]		250	✓	✓	LOD 100 in limited area
Shelving Units		250	✓	✓	LOD 100 in limited area
Furniture [Non-Fixed]		250	✓	✓	LOD 100 in limited area
Free-standing Coolers/Freezer		250	✓	✓	LOD 100 in limited area
Mechanical Elements					
HVAC Units	✓			✓	
Compressors	✓			✓	
Evaporative Coolers	✓			✓	
Gas Meters	✓			✓	
Thermostats	✓			✓	

Wall-mounted HVAC registers		250		✓	
Ductwork		250		✓	
Electrical Elements					
Tel./Data boards	✓			✓	
Electrical Panels	✓			✓	
Electrical Meters	✓			✓	
Timers	✓			✓	
Disconnect Switches	✓			✓	
Control Panels	✓			✓	
Key Pads	✓			✓	
Transformers	✓			✓	
Outlets		200		✓	
Switches		200		✓	
Sensors		200		✓	
Cameras		200		✓	
Wall-mounted lights		200	✓	✓	
Doorbell Equip.	✓			✓	
Plumbing Elements					
Toilets		200		✓	
Urinals		200		✓	
Hand Sinks		200		✓	
Utility Sinks, Mop Sinks		200		✓	
3-comp/2-comp Sinks		200		✓	
Drinking Fountains		200		✓	
Grab bars		200		✓	
Clean-outs		200		✓	
Exposed Plumbing [Stub-outs, Shut-offs]		200		✓	
Water Heaters/Insta-Hots		200		✓	
Water Meters		200		✓	
Shower Stalls		200		✓	
Restroom Accessories		200		✓	
Tel/Data Plan Elements					
Telephone Ports		200		✓	
Data Ports		200		✓	
Tel./Data boards		200		✓	
Server Equip.		200		✓	
Routers/Wi-Fi Equip.		200		✓	
D-mac/MPOE		200		✓	
Fire/Life Safety Plan Elements					
Fire Extinguishers		200		✓	
Fire Alarm Pulls		200		✓	
Fire Pin [ansul] Pull Panel		200		✓	
Fire strobes		200		✓	
Fire alarm control Panels		200		✓	
Exit Signs		200		✓	
Emergency Lights		200		✓	
Sprinkler System Equipment		200		✓	
Site Plan Elements					
Exterior Utilities [Meter, Panels]		200	✓	✓	
Curb at perimeter of surveyed space		200	✓	✓	If within 20 ft
Parking lot islands		200	✓	✓	If within 20 ft
Trash Enclosures		200	✓	✓	If within 20 ft
Light Posts		200	✓	✓	If within 20 ft
Signage		200	✓	✓	If within 20 ft
Ingress/Egress to Site/Shopping Center		200	✓	✓	If within 20 ft
Main Entry to Surveyed Space		200	✓	✓	If within 20 ft

Bollards		200	✓	✓	If within 20 ft
Loading Docks/Areas		200	✓	✓	If within 20 ft
Slopes & Ramps		200	✓	✓	If within 20 ft
HC Parking Spaces		200	✓	✓	If within 20 ft
HC paths of travel		200	✓	✓	If within 20 ft
RCP Elements					
Ceiling Heights		200	✓	✓	
Soffits/Change in Ceiling Height		200	✓	✓	
Headers/Beams		200	✓	✓	
T-Grid		200	✓	✓	
Lights		200	✓	✓	
Cameras, Camera Panels/Domes		200		✓	
Outlets		200		✓	
Speakers		200		✓	
HVAC Registers [Supply/Return]		200		✓	
Switches		200		✓	
Sensors		200		✓	
Access Hatches		200		✓	
Smoke Detectors		200		✓	
Exit Signs		200		✓	
Emergency Lights		200		✓	
Sprinkler Heads		200		✓	
Fire Strobes		200		✓	
Ceiling Fans		200		✓	
Ceiling-Mounted TV's/Monitors		200		✓	
Roof Plan Elements					
Access Hatches		200	✓	✓	
Parapet Walls		200	✓	✓	
Steps/Changes in Level		200	✓	✓	
Drainage Lines		200	✓	✓	
Direction of Roof Slopes		200	✓	✓	
Roof Vents		200	✓	✓	
Exhaust Fans		200	✓	✓	
RTUs		200	✓	✓	
Condensers		200	✓	✓	
Satellites		200	✓	✓	
Roof Drains		200	✓	✓	
Roof Deck Penetrations		200	✓	✓	
Piping [Gas, elec, cond.]		200	✓	✓	
Exterior Elevation Elements					
Main building elements		250	✓	✓	
Doors/Frames		250	✓	✓	
Windows/Mullions		250	✓	✓	
Awnings		250	✓	✓	
Wall-mounted lights		250	✓	✓	
Wall-mounted signs		250	✓	✓	
Utility boxes		200	✓	✓	
Piping [Gas, elec, cond.]					
Gutters/Downspout		250	✓	✓	Generic Family or MIP
Grade Line					
Top of Foundation Wall					
Curbs adjacent to building		250	✓	✓	Generic Family or MIP
Roof ladders		200	✓	✓	Generic Family or MIP
Bollards		200	✓	✓	Generic Family or MIP
Fire Dept. Connections		200	✓	✓	Generic Family or MIP
Finish Materials					

Columns		250	✓	✓	
Architectural Details		250	✓	✓	
Interior Elevation Elements					
Main building elements		250			
Columns		250			
Roof Drains		250			
Built in Casework		250			LOD 100 in limited area
Doors/Frames		250			
Windows/Mullions		250			
Wall Mounted Lights		250			
Wall Mounted Signs		250			
Utility boxes		200			
Finish Materials					
MEP Elements		250		✓	
Life Safety Elements		250		✓	
Building Section Elements					
Roof Deck		250	✓	✓	
Finish Ceiling Heights		250	✓	✓	
Structural Beams		250	✓	✓	
Roof/Floor Joists		250	✓	✓	
Columns		250	✓	✓	
Structural Walls		250	✓	✓	
Storefront Section Elements					
Roof Deck		250	✓	✓	
Finish Ceiling Heights		250	✓	✓	
Structural Beams		250	✓	✓	
Roof/Floor Joists		250	✓	✓	
Bulkheads		250	✓	✓	
Entry Doors		250	✓	✓	
HVAC Plan Elements					
HVAC Ductwork		250		✓	
Roof Deck Penetrations		250		✓	
HVAC Registers/Diffusers		250		✓	
Structural Plan Elements					
Structural Beams		250	✓	✓	
Structural Walls		250	✓	✓	
Columns		250	✓	✓	
Joist [Roof, Floor, Ceiling]		250	✓	✓	
Roof Deck		250	✓	✓	
Sprinkler Plan Elements					
Main Sprinkler Lines		250		✓	
Branch Sprinkler Lines		250		✓	
Sprinkler Heads		250		✓	