

EXHIBIT 14 21 00-01 ELECTRIC TRACTION ELEVATOR MODERNIZATION CHECKLIST

[Note to AE: This checklist is a design tool to help determine the scope of elevator replacement or upgrade.]

Elevator-Related Component to Evaluate Prior to Developing Project Specifications	Re-Use	Replace	Comments
<b>Items Inside Car</b>			
Car Fixtures -Car Station - Pos Indicator –			
Direction Indicators & Tones			
Keying (Fire Service & Other)			
Entire Cab - Evaluate Options			
Car Sill - (Appropriate For Loading)			
Car Doors			
Finished Flooring			
Sub-Flooring - Existing?			
Flooring For C3			
Handrails			
Drop Ceiling			
Cab Height			
Lighting (Code)			
Emergency Battery Lighting			
Cab Dimensions vs. Capacity			
Emergency Phone			
Door Operator			
Fan			
Door Re-Opening Device			
Door Restrictors			
Overload Jewel & Buzzer			
<b>Car Components</b>			
Sling / Safety Plank & Determine Proper Sizing			
Roller Guides			
Platform			
Safeties			
Inspection Station			
Car Top Lighting			
Car Top Railing (As Required)			
Up-Dated Cross Head Data Tag			
Escape Hatch & Contact			
Hoist Ropes			
Shackles			
Car Balance & Weight Frame			
Traveling Cable			
Door Clutch And Related Equipment			
<b>Machine Room</b>			
Engineering: Machine Beams, Floors, Etc.			

Elevator-Related Component to Evaluate Prior to Developing Project Specifications	Re-Use	Replace	Comments
Drive Machine: Evaluation, Grooves, Bearings, Age, Sound Isolation, Etc.			
Controller			
Selector			
Machine Motor			
Rope Gripper & Engineering for Installation			
Clearances and Dimensions			
Governor			
Governor Rope			
Voltage			
Emergency Power?			
Overhead Machinery Space Requirements			
Basement Machine Issues			
Access Doors (As Needed)			
<b>Pit</b>			
Buffers			
Pit Channels - Cntwt & Car			
Bottom Rail Attachments			
Governor Rope Tension Frame			
Pit Ladder			
Depth & Run-By			
<b>Hoistway</b>			
Rails-Joints-Bracket Spacing-Alignment – Etc.			
Hoisting / Machine Beams			
Counterweight Rails - Bracket Spacing - Alignment - Attachments			
Counterweight Frame & Weights			
Counterweight Roller Guides			
Hoistway Switches			
Existing Electrical Raceways			
Overhead Height			
Interlocks And Wiring			
Door Frames & Slushed?			
Door Tracks			
Doors			
Hall Sills & Support			
Fascia			
Hall Fixtures - PI - Direction Arrows			
Deflector Sheaves			
Hoistway Access Feature			