

OFFICE BUILDING BOILER RETROFIT DESIGN-BUILD PROJECT CONSTRUCTION PHASE – ENGINEER’S PUNCLIST

The design engineer shall check off the boxes from the list of company’s standardized field observation checklists below that he will need to upload on to his tablet computer the prior to heading out to the construction site to complete his final HVAC inspection and punchlist. These checklists will be touchscreen type. When the engineer returns to the office or he sends the completed checklists via the internet to the office, the completed checklists shall be automatically downloaded to the company’s computer server and placed in the job folder’s “Project Closeout” section of the folder. The completed checklists, along with associated digital photographs taken at the time of the field visit, will automatically be electronically sent to the following individuals and departments.

TEAM CORRESPONDENCE DIRECTORY CHECKLIST (check the appropriate boxes)

Project Architect Owner Representative IPD Manager Construction Manager General Contractor Design-Build Contractor Facility Manager HVAC Subcontractor BAS Subcontractor State Energy Department ASHRAE Piping Subcontractor Sheet Metal Subcontractor Utility Company Representative 3rd-Party Commissioning Consultant Equipment Manufacturers Building Inspector Others: (insert list) Owner's Security Manager

HVAC/BAS CONTRACT SPECIFICATION CHECKLIST (check the appropriate boxes)

Division 1 Project Closeout BOMA Equipment Owner Furnished Equipment Structural Electrical Plumbing Fire Protection HVAC Infection Control BAS Boilers Pumps Chillers Fans Air Handlers Terminal Units Piping System Sheet Metal System TAB Commissioning Others: (insert list) Owner's Security System Interface

HVAC/BAS CONTRACT DRAWING INSTALLATION CHECKLIST (check the appropriate boxes)

BOMA Equipment Owner Furnished Equipment Structural Electrical Plumbing Fire Protection HVAC Infection Control BAS Boilers Pumps Chillers Fans Air Handlers Terminal Units Piping System Sheet Metal System Equipment Room Tel-Data Others: (insert list) Owner's Security System Interface

HVAC STARTUP CHECKLIST (check the appropriate boxes)

BOMA Equipment Owner Furnished Equipment Structural Electrical Plumbing Fire Protection HVAC Infection Control BAS Boilers Pumps Chillers Fans Air Handlers Terminal Units Piping System Sheet Metal System Equipment Room Tel-Data Others: (insert list) Owner's Security System Interface

COMMISSIONING FPT (FUNCTIONAL PERFORMANCE TEST) (check the appropriate boxes)

BOMA Equipment Owner Furnished Equipment Structural Electrical Plumbing Fire Protection HVAC System Infection Control System BAS System Central HVAC Air System Heating System Air Conditioning System Boilers Pumps Chillers Fans Air Handlers Terminal Units Piping System Sheet Metal System Equipment Room Tel-Data Others: (insert list) Owner's Security System Interface

To view the solution online, please visit www.esmagazine.com.