Building Department
1700 Convention Center Drive, 2nd FL
Miami Beach, Florida 33139
Telephone: 305-673-7610
http://www.miamibeachfl.gov/city-hall/building/

Effective **October 15th, 2018,** a Selective Coordination Requirement Form for Plan Review will be required for all projects which include **ELEVATORS, MOVING WALKWAYS, WHEELCHAIR LIFTS, STAIRWAY CHAIRLIFTS, FIRE PUMPS, EMERGENCY SYSTEMS, LEGALLY REQUIRED STANDBY SYSTEMS, and CRITICAL OPERATIONS POWER SYSTEMS.**

This form provides documentation to assure compliance with the NFPA 70, National Electrical Code. The current version recognized by Chapter 27 of the Florida Building Code is the 2014 edition of the NEC and requirements for selective coordination are found directly in articles 240, 620, 695, 700, 701, and 708.

Should you have any questions, please contact the Chief Electrical Inspector of the City of Miami Beach Building Department, at (305) 673-7610 Extension 6771, Monday – Friday, from 7:30 a.m. to 4:00 p.m. (excluding legal holidays) or via email to ChiefElectrical@miamibeachfl.gov.

Thank you.

Building Department
1700 Convention Center Drive, 2nd FL
Miami Beach, Florida 33139
Telephone: 305-673-7610
http://www.miamibeachfl.gov/city-hall/building/

SELECTIVE COORDINATION REQUIREMENTS FORM FOR PLAN REVIEW

This form provides documentation to assure compliance with the National Electrical Code (NEC) NFPA70. The current version recognized by the Florida Building Code Chapter 27 is the 2014 edition of the NEC. Requirements for selective coordination are found in articles 620, 695, 700, 701, and 708.

PROCESS #: _____

JOB LOCATION: _____

ENGINEERING FIRM: _____

COMPLIANCE CHECKLIST

Several actions in the Code require all supply side overcurrent protective devices to be selectively coordinated in the circuits supply life-safety loads to the .1 second (100 ms) standard as described in NFPA 99. This applies to overcurrent protective devices (NEC 240.12) for the following loads: Elevator circuits (NEC 620.62), Fire pumps (NEC 695.3(C)(3), Emergency Systems (NEC 700.28), Legally Required Standby Systems (NEC 701.27), and Critical Operations Systems (NEC 708.54). This includes integrating the short-circuits analysis as necessary points in the system, plots of time-current curves, and analysis/interpretation of the curves to ensure selective coordination is achieved. These requirements have been taken into account and the installation has been designed to meet the following sections for the normal and alternate circuit paths to the loads (check all that apply).

ARTICLE 620- ELEVATORS, DUMBWAITERS, ESCALATORS, MOVING WALKWAYS, WHEELCHAIR LIFTS, AND STAIRWAY CHAIRLIFTS. YES____ NO____ N/A____

620.62 Selective Coordination. Where more than one driving machine disconnecting means is supplied by a single feeder, the overcurrent devices in each disconnecting means shall be selectively coordinated with any other supply side overcurrent protective devices.

ARTICLE 695- FIRE PUMPS. YES____ NO____ N/A____

695.3(C)(3) Selective Coordination. The overcurrent protective device(s) in each disconnecting means shall be selectively coordinated with any other supply side overcurrent device(s).

ARTICLE 700- EMERGENCY SYSTEMS. YES____ NO____ N/A____

700.28 Selective Coordination. Emergency systems overcurrent device(s) shall be selectively coordinated with all supply side overcurrent protective devices. (Exception: Shall not be required between two overcurrent located in series if no loads are connected in parallel with other downstream device).

ARTICLE 701- LEGALLY REQUIRED STANDBY SYSTEMS. YES____ NO____ N/A____

701.27 Selective Coordination. Legally Required Standby System(s) overcurrent devices shall be selectively coordinated with all supply–side overcurrent protective devices.

ARTICLE 708- CRITICAL OPERATIONS SYSTEMS (COPS). YES____ NO____ N/A____

708.54 Selective Coordination. Critical operations power system(s) overcurrent devices shall be selectively coordinated with all supply-side overcurrent protective devices.

Print Name: _____ Date: _____

Signature: _____ _____

P.E. Seal

Approved by Building Official, Ana M. Salgueiro, P.E. 06/26/2018