



City of North Miami Beach, Florida

BUILDING DEPARTMENT

PROCEDURES FOR AWNING PERMIT

Following is the procedure for the permit for awnings.

- 1) Comply with section 3105 of the Florida Building Code.
- 2) Provide a layout of the trusses and columns with all dimensions.
- 3) Make sure that the load path is followed.
- 4) Design the structure for $V = 105$ mph & Exposure according to site condition.
- 5) Provide the following calculations:
 - a) Wind Analysis
 - b) Sizing of steel sections
 - c) Connections of members
 - d) Connections of members to support.
 - e) Connections of columns to foundations
- 6) Provide the following details.
 - a) Sizes of all members
 - b) Grade of steel, welding, plates & bolts
 - c) Weld sizes for connections of members.
 - d) Truss to wall connections - size the plates, bolts & edge distances.
 - e) Column to foundation connections - size the plates, bolts & edge distances.
 - f) Dimensions of the trusses with slopes & spacing of members
- 7) Make note that the canvas shall be removed when the winds approach 75 mph.
- 8) Provide the flame certificate for the canvas in accordance with NFPA - 701 .