



## PROJECT PROFILE

### Chatham County EOC



#### CHALLENGE

Current regulations mandate that an Emergency Operation Center (EOC) adhere to storm shelter requirements, as outlined in ICC-500 and FEMA P-361 guidelines. Here, the architect required a custom solution to safeguard incoming utilities penetrating the hardened shell.



#### RESULTS

RPH worked closely with the design and construction team to engineer a highly customized solution for installing a Custom CYCLONE® Steel Housing (CSH). This involved coordination with the roofing and technology contractors to ensure an optimal RPH Exit Seal™ and gasket hole configuration, meeting precise specifications. The unit was designed to provide safe future pathways. Notably, the Custom CSH adhered to the same rigorous standards as our standard CYCLONE® products.

#### PROJECT TYPE

Emergency Operations Center (EOC)  
Storm Shelter

#### SOLUTION USED

Custom CYCLONE® Steel Housing

#### SIZE OF UNITS

36" x 26" x 32"

#### NUMBER OF PENETRATIONS

24, with additional space allocated  
for future pathways

