



1.00 DOCUMENTS AND LIMITATIONS

- 1.01 NOTES ON THE CONSTRUCTION DRAWINGS ARE PART OF THE PROJECT REQUIREMENTS...
1.02 THE SCOPE OF WORK AND ANTICIPATED QUANTITIES SPECIFIED IN THESE CONSTRUCTION DOCUMENTS...
1.03 THE DRAWINGS, CALCULATIONS, SPECIFICATIONS, AND REPRODUCTIONS, RELATING TO THE PROJECT...
1.04 IT IS UNDERSTOOD THAT THE ENGINEER OF RECORD MAKES NO WARRANTY...
1.05 ALL NON-STRUCTURAL ELEMENTS INDICATED ON THE STRUCTURAL DRAWINGS...
1.06 EXISTING CONDITIONS SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY...

2.00 CONSTRUCTION SAFETY

- 2.01 IT IS UNDERSTOOD THAT THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS...
2.02 THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS...
2.03 THE CONTRACTOR'S DUTIES AND RESPONSIBILITIES FOR THE SAFETY AND PROTECTION OF THE WORK SHALL CONTINUE UNTIL SUCH TIME AS THE WORK IS SATISFACTORILY COMPLETED...

3.00 DIMENSIONS

- 3.01 BEFORE STARTING WORK, CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE SITE, AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
3.02 THE CONTRACTOR, BEFORE STARTING ANY WORK, SHALL CHECK ALL DIMENSIONS GIVEN ON THE STRUCTURAL DRAWINGS...
3.03 THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ANY DIMENSION NOT GIVEN ON OR OBTAINABLE FROM THE DRAWINGS...

4.00 SHOP DRAWINGS

- 4.01 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR HIS REVIEW IN ACCORDANCE WITH A SCHEDULE OF SUBMITTALS...
4.02 REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS LIMITED TO COMPLIANCE OF THE COMPLETED STRUCTURE WITH THE DESIGN CONCEPT AND INFORMATION GIVEN IN THE PROJECT DOCUMENTS...

5.00 POST INSTALLED ANCHORS

5.01 UNLESS OTHERWISE INDICATED ON PLANS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES, OR APPROVED EQUAL:

Table with 3 columns: Material, Adhesive Anchor, Mechanical Anchor. Rows include Solid Concrete, Grouted Masonry, and Hollow Masonry or Brick.

- 5.02 SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD...
5.03 INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
5.04 THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING...
5.05 ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE...
5.06 EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS...

6.00 STRUCTURAL STEEL

- 6.01 DESIGN, FABRICATION AND ERECTION MUST BE IN ACCORDANCE WITH THE LATEST VERSION OF AISC 360 "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS".
6.02 REFER TO PROJECT SPECIFICATIONS FOR MATERIAL SPECIFICATION FOR EACH TYPE OF STEEL SHAPE.
6.03 FORCES PROVIDED ON PLAN ARE ASD-LEVEL FORCES UNLESS NOTED OTHERWISE. CONNECTION DESIGN MUST CONFORM TO THE LATEST VERSION OF AISC 360.
6.04 ALL WELDS MUST BE PERFORMED BY CERTIFIED WELDERS AND MUST CONFORM TO REQUIREMENTS OF THE LATEST VERSION OF AWS D1.1.
6.05 THE BOLT SUPPLIER MUST USE PAINT TO COLOR AND IDENTIFY UNIQUE BOLT SIZES AND GRADES...
6.06 ALL COPES, BLOCKS AND CUTS IN STRUCTURAL MEMBERS MUST BE MADE FREE OF NOTCHES OR OTHER AREAS...
6.07 ALL FIELD SPLICES OF CONTINUOUS BEAMS MUST BE FULL PENETRATION WELDS. NO BOLTED FIELD SPLICES OF BEAMS WILL BE PERMITTED.
6.08 FABRICATOR MUST PROVIDE A FIELD-WELD SCHEDULE SUMMARIZING MINIMUM PREHEAT, THE WELD FILLER MATERIAL, THE PROPER WELD DEPOSITION RATE...
6.09 ALL EMBED PLATES MUST BE OVER-SIZED TO ACCOUNT FOR PRECAST AND STRUCTURAL STEEL FABRICATION AND ERECTION TOLERANCES...
6.10 ALL STEEL MUST BE HOT-DIPPED GALVANIZED UNLESS IT IS DETERMINED IN THE FIELD THAT EXISTING STEEL IS PAINTED...

7.00 REPAIRS

- 7.01 REPAIRS IN THIS DOCUMENT ARE CONSIDERED PART OF PERMANENT STRUCTURAL RESTORATION OF THE STRUCTURAL ELEMENTS OF THE RALEIGH CONVENTION CENTER THAT WERE OBSERVED TO BE DAMAGED BY THE ROOF FIRE ON DECEMBER 1, 2025.
7.02 MOBILIZATION: THIS WORK CONSISTS OF PREPARATORY WORK AND OPERATIONS TO MOBILIZE PERSONNEL, MATERIALS, AND EQUIPMENT TO THE PROJECT SITE.
7.03 TRAFFIC CONTROL: WHENEVER IT IS NECESSARY TO USE TRAFFIC CONTROL DEVICES, THE WORK OF FURNISHING, ERECTING, OPERATING, MAINTAINING, COVERING, RELOCATION, AND REMOVING TRAFFIC...
7.04 SEE THE FOLLOWING SHEETS FOR THE FULL SCOPE OF STRUCTURAL REPAIRS. IT GENERALLY CONSISTS OF REMOVING EXISTING, DAMAGED WIDE-FLANGED BEAM MEMBERS...
7.05 THESE REPAIRS RESTORE THE STRUCTURE TO ITS ORIGINAL DESIGN INTENT AND THE BUILDING SYSTEM DOES NOT CHANGE...

2/26/2026 4:46:19 PM Autodesk Docs (RCC) User: Eran.Hill@CityOfRaleigh.com - Repair Fire Damaged RCC - Struct - 2025.rvt



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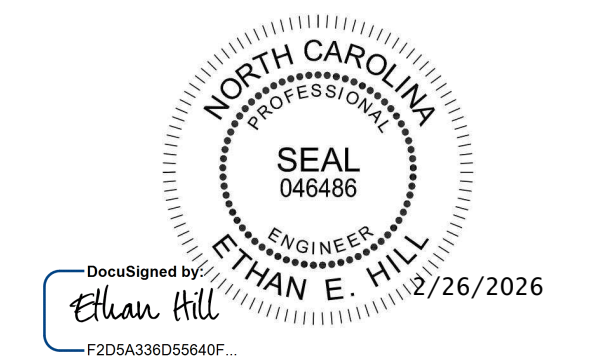
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SEALS



City of Raleigh

Raleigh Convention Center Post-Fire Repairs

Raleigh, NC

Table with 3 columns: NO., DATE, DRAWING ISSUE DESCRIPTION. Contains 15 empty rows.

DESIGNED BY: EEH
DRAWN BY: PCM
CHECKED BY: JBH
SCALE: None
DATE: 02/26/26
PROJECT NO: 011063178

STRUCTURAL GENERAL NOTES

PERMIT DOCUMENTS

S-001







