## GENERAL

1. THE STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE (CBC).

2. ALL REFERENCES AND ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS PERTAIN TO THE LATEST EDITIONS.

3. THE STRUCTURAL DRAWINGS ARE NOT STAND ALONE DOCUMENTS. THEY SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. 4. THE CONTRACTOR SHALL COORDINATE THE SIZES AND LOCATIONS OF ALL PENETRATIONS WITH THE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.

5. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE A METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEANS NECESSARY TO PROTECT THE STRUCTURE AND PERSONNEL DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT LIMITED TO TEMPORARY BRACING, SHORING, FORMING, SCAFFOLDING, PLANKING, AND SAFETY NETS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES.

## 6. DRAWINGS SHALL NOT BE SCALED.

7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO PROCEEDING WITH WORK. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO FABRICATION/CONSTRUCTION. CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES PRIOR TO FABRICATION/CONSTRUCTION, ALONG WITH A RECOMMENDED SOLUTION. 8. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

9. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE AND SIMILAR CONDITIONS.

## PRE-ENGINEERED BULDING DESIGN CRITERIA

THE MANUFACTURER SHALL MEET THE ACCREDITATION CRITERIA FOR INSPECTION PROGRAMS FOR MANUFACTURERS OF METAL BUILDING SYSTEM (AC427) STRENGTH AS FOLLOWS: CONCRETE PIERS.. 1. PRE-ENGINEERED BUILDING MATERIAL MANUFACTURER SHALL BE RESPONSIBLE FOR THE ENTIRE ..3000 PSI DESIGN OF THE STEEL SUPERSTRUCTURE, ROOF, SUPPORT, BRACING, LATERAL ANALYSIS AND ALL ACI315 AND ACI 318. REINFORCING SHALL CONFORM AS FOLLOWS: REINFORCING STEEL. ..ASTM A615 GRADE 60 WELDED WIRE REINFORCING (WWR)... ...ASTM A185 ...ASTM A615 GRADE 60 DOWELS..

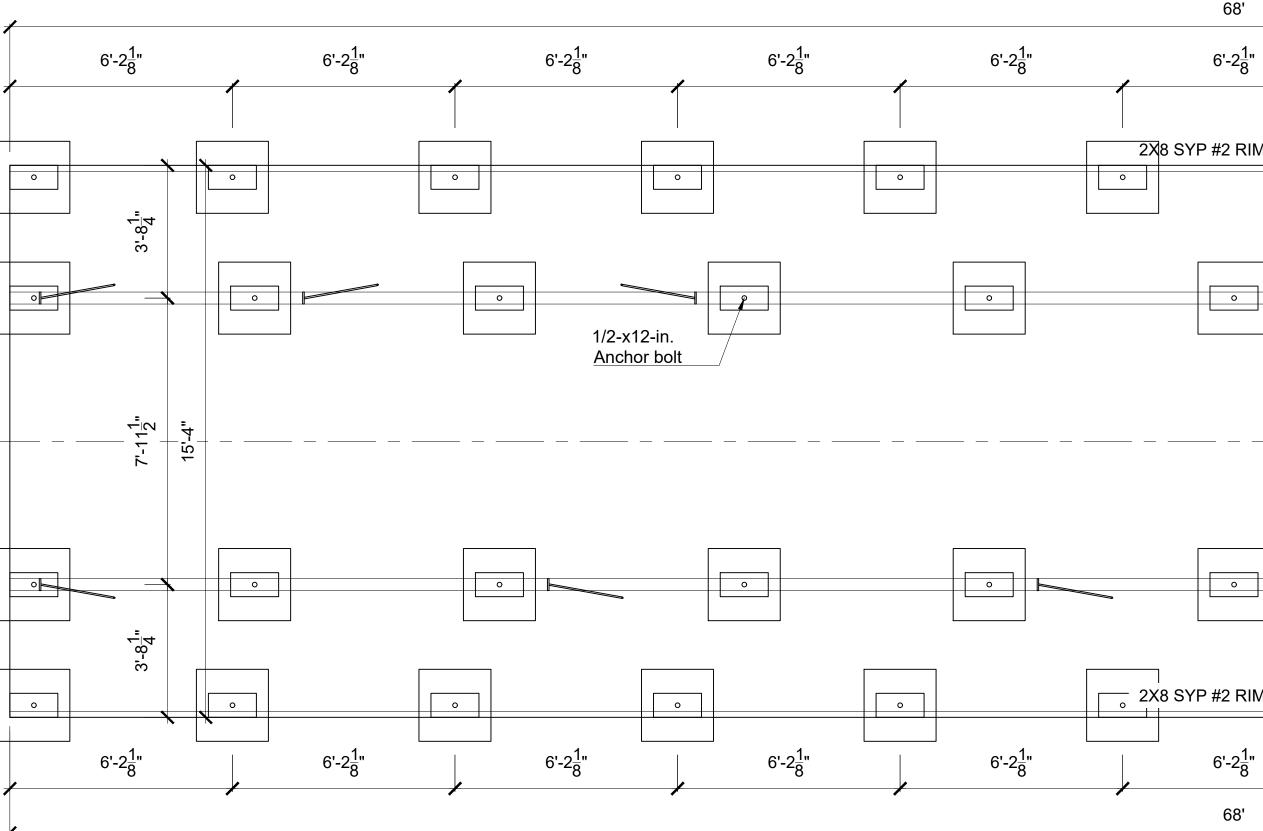
RELATED WORK. 2. THE ENTIRE SUPERSTRUCTURE, SHALL BE DESIGNED IN ACCORDANCE WITH THE BUILDING CODE WIND UPLIFT PRESSURES FOR ENCLOSED AND UNENCLOSED BUILDING AREAS SHALL BE CONSIDERED IN

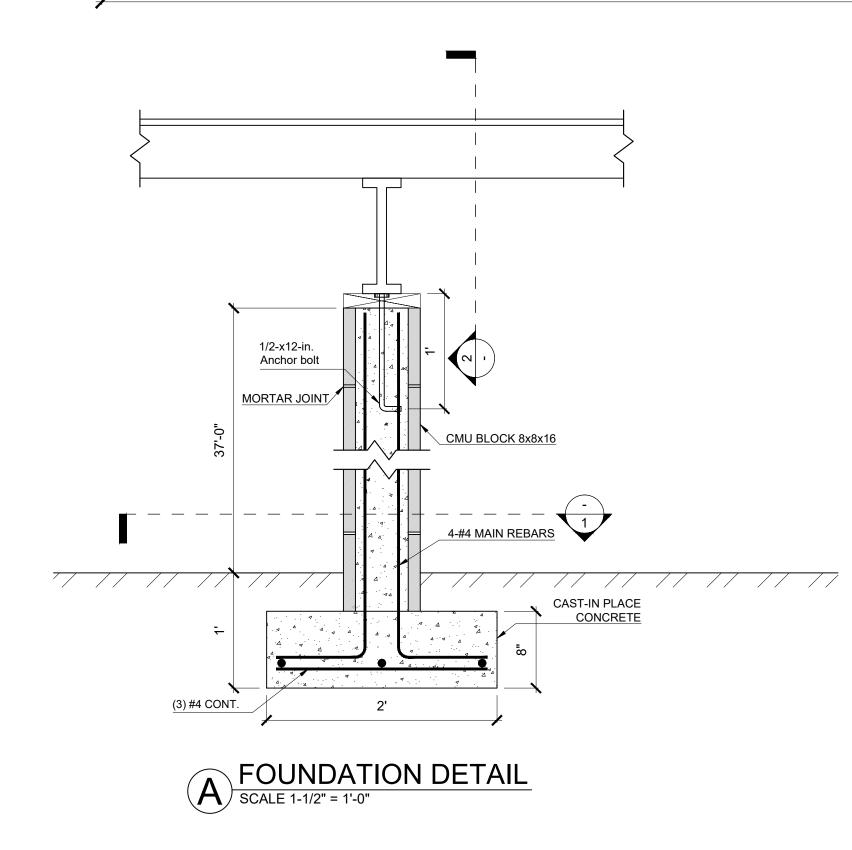
ACCORDANCE WITH THE CODE. 3. THE PRE-ENGINEERED BULDING SHALL BE DESIGNED TO SUPPORT SELF WEIGHT PLUS SUPERIMPOSED DEAD, LIVE, WIND AND/OR SEISMIC LOADING (WHICHEVER COMBINATION PRODUCES THE MOST SEVERE CONDITION). IN ACCORDANCE WITH THE LASTEST RECOMMENDATIONS OF THE METAL BUILDING MANUFACTURER'S ASSOCIATION.

4. PRE-ENGINEERED BUILDING MANUFACTURER SHALL DESIGN AND SUPPLY ALL REQUIRED FULL PANELS AND TIED ON EACH SIDE. SUB-FRAMING FOR OPENINGS, INCLUDING FRAMING TO SUPPORT THE WEIGHT OF MECHANICAL EQUIPMENT UNLESS SPECIFICALLY CALLED OUT ON PLAN. 5. ASTM A307 BOLTS SHALL NOT BE USED AS ANCHOR RODS UNLESS SPECIFICALLY AUTHORIZED ON JOISTS).. ..3/4" WRITING BY THE ENGINEER. BEAMS AND COLUMNS.. ...1 1/2"

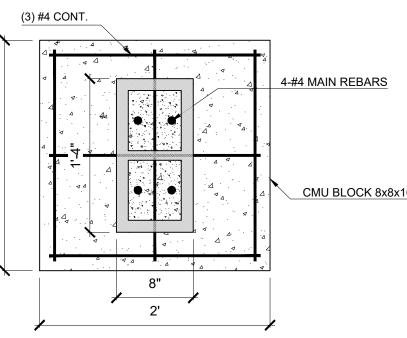
6. SEE THE PLANS FOR SPECIFIC REQUIREMENT FOR GIRT SPACING IN FIRE-RATED WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR OTHER REQUIREMENTS. 7. COLUMN BASE CONNECTIONS SHALL BE DESIGNED AS PINNED CONNECTIONS WITH NO MOMENT TRANSFERRED TO THE FOUNDATION.

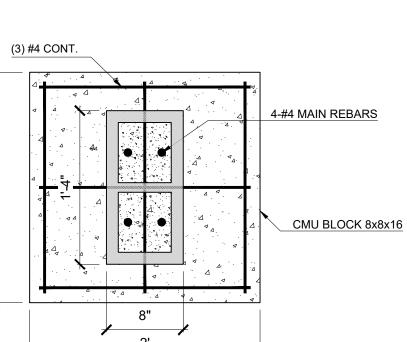
8. PRE-ENGINEERED METAL BUILDING MANUFACTURER SHALL PROVIDE ROLLING DOOR SUPPORTS AND THEIR CONNECTIONS TO FOUNDATION. FOOTINGS WILL BE VERIFIED BASED ON THE REACTIONS FROM THE SUPPORTS.

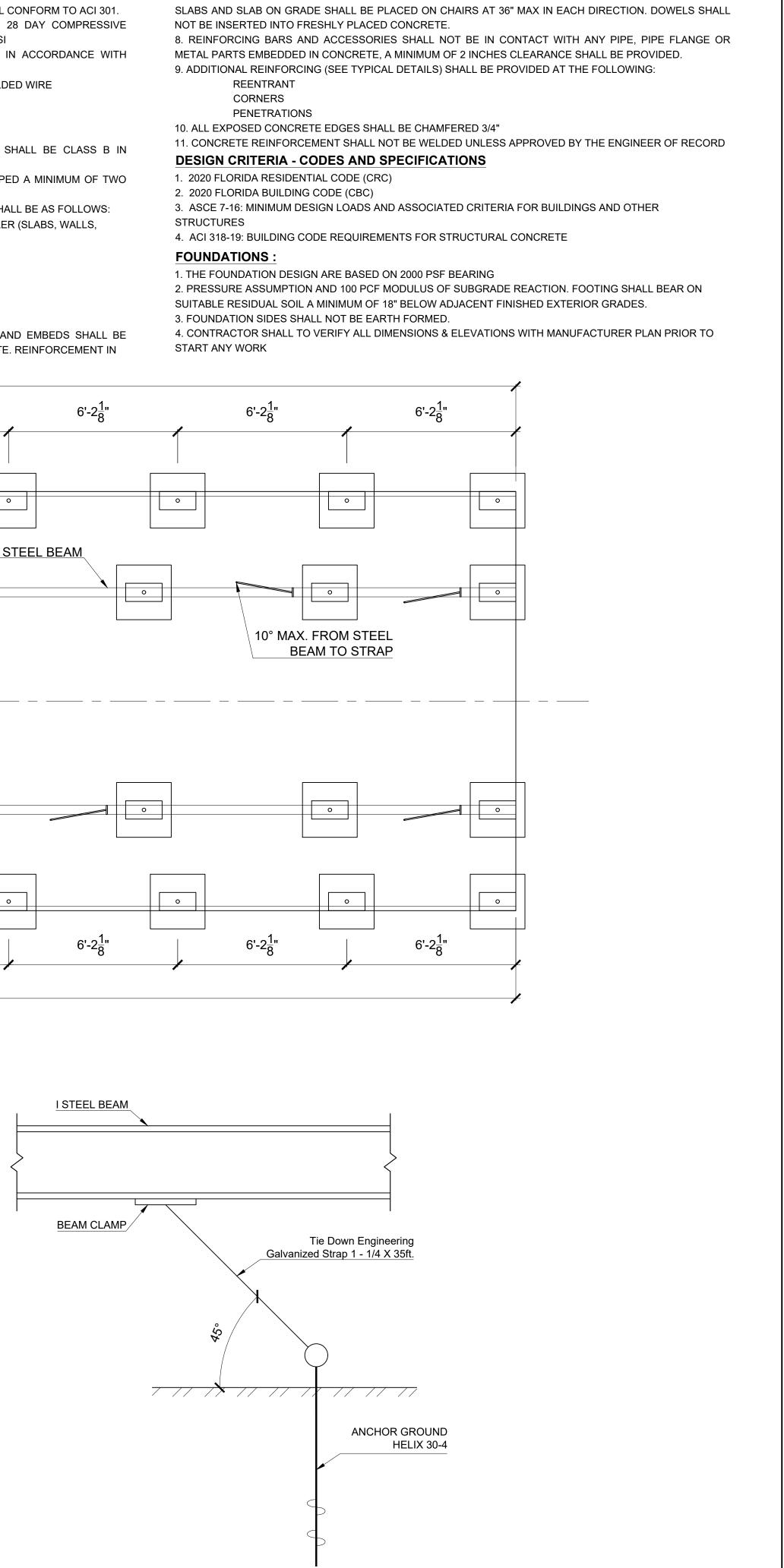


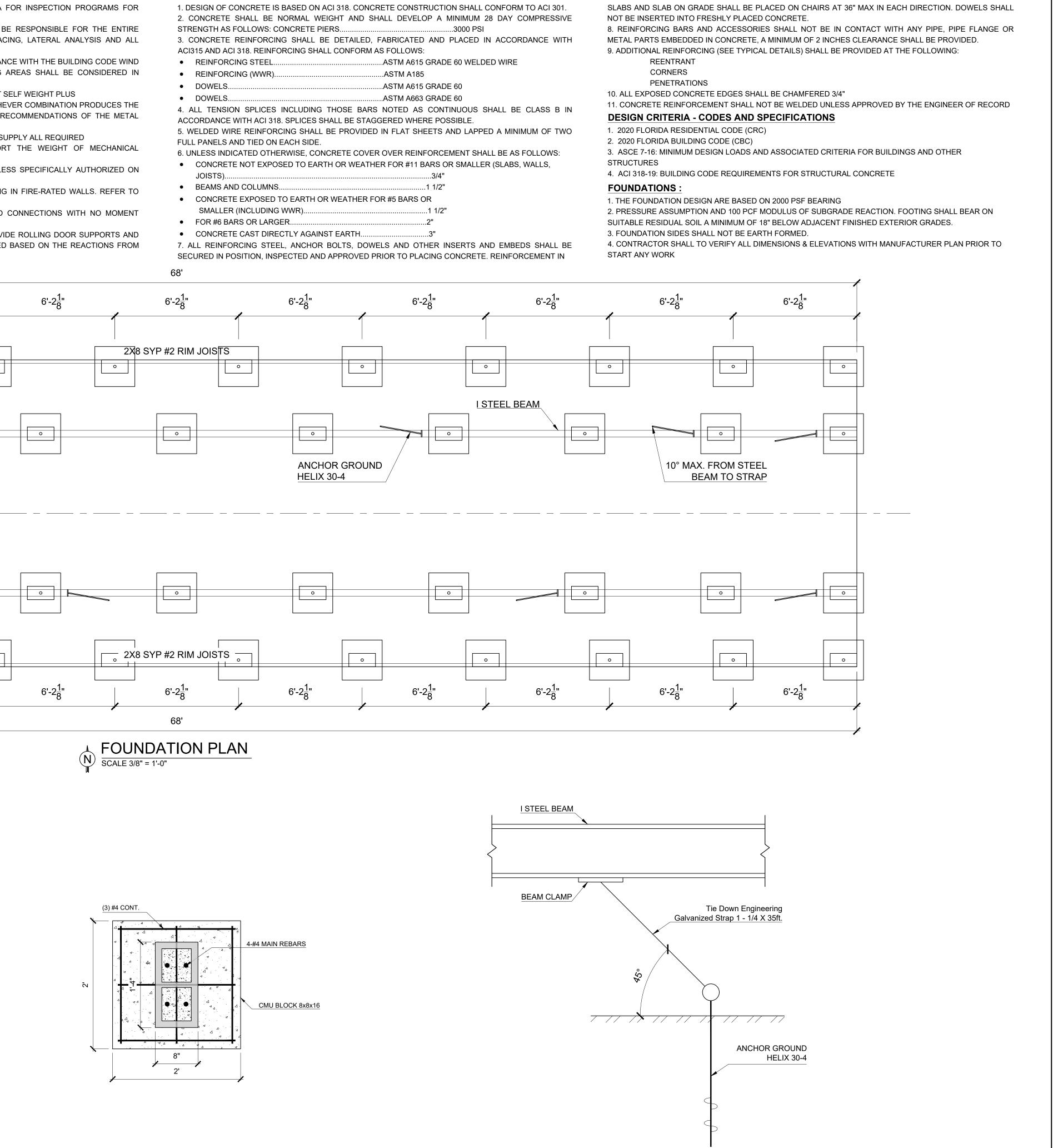


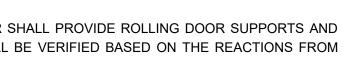












CONCRETE (CAST-IN-PLACE)

STE. 300 Washington, D.C. 20016 Phone Number: 202-539-0014 contact@ceedcivil.com S  $\supset$  $\infty$ 3 Ο  $\mathbf{N}$ 3  $\geq$ Ш  $\Gamma$  $\mathbf{n}$  $\square$ N I X S 95  $\overline{}$ STAMP Barrett CS: (900) No. 58449 4-5-2022 STATE OF SSIONALE PROJECT #: DRAWN BY: **Revision Schedule** Number Description Date SHEET NAME FOUNDATION PLAN SHEET NUMBER S100

**GEED GIVIL** 

4301 50th St. N.W.