

DESIGN PARAMETERS

- 1. BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE
2. DEAD LOADS: A. ROOF SELF WEIGHT, B. FLOOR SELF WEIGHT
3. LIVE LOADS: A. ROOF 20 PSF (UNIFORM), B. FLOOR 40 PSF
4. SNOW LOADS: A. GROUND SNOW LOAD, Pg 15 PSF
5. WIND LOADS: A. BASIC WIND SPEED (3 SECOND GUST) 115 MPH, B. RISK CATEGORY II, C. EXPOSURE CLASSIFICATION C, D. INTERNAL PRESSURE COEFFICIENT +/- 0.18, E. BASIC WIND PRESSURE (q) 19.7 PSF, F. DESIGN WIND PRESSURE ON EXTERIOR WALLS (C&C LOAD BASED ON 100 FT AREA) 22.1 PSF, G. DESIGN UP/LIFT PRESSURE ON ROOFS (C&C LOAD BASED ON 100 FT AREA) 17.2 PSF
6. SEISMIC LOADS: A. SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), Ss 0.131, B. SPECTRAL RESPONSE ACCELERATION (1-SEC. PERIOD), S1 0.088, C. SPECTRAL RESPONSE COEFFICIENT (SHORT PERIOD), Sds 0.139, D. SPECTRAL RESPONSE COEFFICIENT (1-SEC. PERIOD), Sd1 0.110, E. SITE CLASS D, F. IMPORTANCE FACTOR, I 1.0, G. SEISMIC DESIGN CATEGORY C, H. BASIC STRUCTURAL SYSTEM AND SEISMIC RESISTING SYSTEM LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS, I. RESPONSE MODIFICATION FACTOR, R 6.5, J. SYSTEM OVER-STRENGTH FACTOR, Q 2.5, K. DEFLECTION AMPLIFICATION FACTOR, Cd 4, L. ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE

GENERAL

- 1. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES.
2. WHERE CONFLICT EXISTS AMONG VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
3. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, THE FOLLOWING RULES SHALL APPLY:
4. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY.
5. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED.
6. WEIGHTS OF MECHANICAL EQUIPMENT SHOWN ON THE STRUCTURAL PLANS ARE FOR UNITS SPECIFIED BY THE MECHANICAL ENGINEER.
7. THE SIZE AND LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE VERIFIED BY THE CONTRACTOR.
8. PRIOR TO FABRICATION AND/OR ERECTION OF ANY MATERIALS, THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS AND SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER OF RECORD OR THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
9. BACKFILL BOTH SIDES OF ALL FOUNDATION AND RETAINING WALLS EQUALLY UNTIL LOW SIDE IS UP TO FINISH GRADE.
10. CONNECTIONS OF SYSTEMS DESIGNED BY THE CONTRACTOR'S ENGINEER SUCH AS, BUT NOT LIMITED TO, CLADDING, STAIRS, ELEVATORS AND MEP LOADS ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURAL MEMBERS WITHOUT GENERATING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS.
11. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
12. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
13. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF 360 ENGINEERING GROUP, PLLC, IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS.

DIVISION 2 - FOUNDATIONS

- 1. FOOTINGS SHALL BEAR EITHER ON COMPETENT NATIVE SOIL OR COMPACTED STRUCTURAL FILL.
2. EXTERIOR AND EXTERIOR PERIMETER FOOTINGS SHALL BEAR NOT LESS THAN 24 INCHES BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER AND/OR BUILDING OFFICIAL.
3. PROVIDE A MINIMUM OF 4-INCH CLEAN, FREE-DRAINING GRANULAR SUBBASE FILL BELOW ALL INTERIOR SLABS-ON-GRADE UNLESS NOTED OR DETAILED OTHERWISE.
4. A 15-MIL MINIMUM POLYETHYLENE FILM VAPOR RETARDER, MEETING THE REQUIREMENTS IN THE SPECIFICATIONS, SHALL BE PLACED BELOW ALL INTERIOR SLABS-ON-GRADE.
5. THE CONTRACTOR IS CAUTIONED AGAINST LOADING SLAB-ON-GRADE WITH CONSTRUCTION EQUIPMENT.
6. EXTERIOR FOOTINGS FOR STAIRS AND RAMPS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH.
7. FOUNDATION WALLS SHALL HAVE ADEQUATE TEMPORARY BRACING INSTALLED BY THE CONTRACTOR BEFORE BACKFILL IS PLACED AGAINST THEM.

DIVISION 4 - MASONRY

- 1. CONCRETE MASONRY UNITS SHALL MEET ASTM SPECIFICATION C90, GRADE N TYPE 1 BLOCK WITH A MINIMUM UNIT COMPRESSIVE STRENGTH OF 1900 PSI.
2. MORTAR SHALL MEET ASTM SPECIFICATION C270 FOR TYPE 'S' MORTAR.
3. GROUT SHALL MEET ASTM SPECIFICATION C476 AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI.
4. GROUT PLACED BY THE LOW LIFT GROUTING METHOD SHALL BE MECHANICALLY CONSOLIDATED USING A VIBRATOR WITH A MAXIMUM 3/4 INCH DIAMETER HEAD.
5. HORIZONTAL JOINT REINFORCEMENT SHALL BE LADDER TYPE (REFERENCE SPECIFICATION), JOINT REINFORCEMENT SHALL BE SPACED AT 8 INCHES ON CENTER BELOW FINISHED FLOOR AND IN PARAPETS, AND 16 INCHES ON CENTER ABOVE FINISHED FLOOR.
6. CONCRETE MASONRY SHALL BE LAID IN RUNNING BOND.
7. CONCRETE MASONRY BELOW FINISHED FLOOR SHALL BE NORMAL WEIGHT UNITS AND SHALL HAVE ALL THE CELLS FULLY GROUTED.
8. REFER TO WALL SECTIONS AND DETAILS FOR MISCELLANEOUS BOND BEAM LOCATIONS AND EMBEDDED ITEMS.
9. REINFORCING STEEL SHALL MEET ASTM SPECIFICATION A615, GRADE 60.
10. ANCHORS INSTALLED IN GROUT FILLED CONCRETE MASONRY UNITS SHALL BE USED WHERE SPECIFIED ON THE DRAWINGS.

BRICK LINTEL SCHEDULE table with columns: CLEAR SPANS (S), ANGLE SIZE, BEARING (EACH END). Rows include various span and bearing combinations with corresponding angle sizes and bent plate specifications.

DIVISION 3 - CONCRETE

- 1. ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
2. CONTRACTOR SHALL FOLLOW ACI 308.1 FOR COLD WEATHER CONCRETE PLACEMENT AND CURING GUIDELINES.
3. ARRANGEMENTS AND DETAIL OF REINFORCING BENDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PUBLICATION SP-86, 'ACI DETAILING MANUAL' AND ACI 318, 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.'
4. UNLESS NOTED OTHERWISE, BAR SPLICES SHALL BE CLASS B TENSION SPLICES AND SHALL BE LAPPED WITH MINIMUM LENGTHS AS LISTED IN THE LAP LENGTH SCHEDULE.
5. LOCATIONS AND SIZES OF OPENINGS, SLEEVES, ETC. REQUIRED FOR OTHER TRADES MUST BE VERIFIED BY THESE TRADES BEFORE PLACING CONCRETE.
6. ALL WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 12" AT THE SIDES AND ENDS.
7. AS PART OF THE SUBMITTAL PROCESS, THE ELECTRICAL AND MECHANICAL CONTRACTOR(S) SHALL SUBMIT PROPOSED ROUTING PLAN FOR ALL PIPES, CONDUITS, OR OTHER DEVICES TO BE EMBEDDED IN THE CONCRETE.
8. ALL SLOTS, SLEEVES, TRENCHES AND OTHER EMBEDDED ITEMS SHALL BE SET AND SECURED AGAINST MOVEMENT BEFORE THE CONCRETE IS PLACED.
9. NO ALUMINUM CONDUITS, DEVICES, OR FIXTURES MAY BE EMBEDDED INTO THE CONCRETE SO THAT THE ALUMINUM IS IN DIRECT CONTACT WITH THE CONCRETE.
10. NO MORE THAN FOUR CONDUITS MAY BE PLACED ADJACENT TO EACH OTHER WITHOUT PRIOR APPROVAL IN WRITING FROM THE STRUCTURAL ENGINEER OF RECORD.
11. CORNER BARS SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCING BARS AT THE INTERSECTIONS AND CORNERS OF ALL STRIP FOOTINGS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE.
12. CONTINUE HORIZONTAL WALL BARS THROUGH PILASTERS, COLUMNS AND INTERSECTING WALLS.
13. CORNER BARS SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCING BARS AT THE INTERSECTIONS AND CORNERS OF ALL STRIP FOOTINGS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE.
14. HEAD SHEAR STUDS SHALL BE NELSON HEADED ANCHORS WITH FLUXED ENDS (ICC ESR-2856) OR APPROVED, DEFORMED BAR ANCHORS (D.B.A.) SHALL BE NELSON, TYPE D2L (ICC ESR-2907), OR APPROVED.
15. ANCHORS INSTALLED IN HARDENED CONCRETE SHALL BE USED WHERE SPECIFIED ON THE CONTRACT DRAWINGS.

CONCRETE REINFORCING TENSION CONTACT LAP SPLICE LENGTHS

Table showing concrete reinforcing tension contact lap splice lengths for concrete compression strength (PSI) of 3,000, 4,000, 5,000, and 8,000. Includes rows for Class A and Class B, Case #1 and Case #2, with sub-rows for bars less than and greater than #7.

- WHERE: DB: DIAMETER OF REINFORCING BAR
CLASS A: CLASS A TENSION SPLICE
CLASS B: CLASS B TENSION SPLICE
CASE #1: CLEAR SPACING GREATER THAN OR EQUAL TO 2\*db AND COVER GREATER THAN OR EQUAL TO db.
CASE #2: CLEAR SPACING LESS THAN 2\*db OR COVER LESS THAN db.
TOP: WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE.
OTHER: OTHER CONDITION NOT SATISFYING TOP QUALIFICATION (BOTTOM HORIZONTAL REINFORCING)

- GENERAL CONCRETE MIX NOTES
1. ALL TENSION SPLICES SHALL BE CONTACT CLASS B SPLICES UNLESS NOTED OTHERWISE.
2. SPLICE LENGTHS IN TABLE ARE FOR SINGLE BAR SPLICES WITH MAXIMUM YIELD STRENGTH OF 60 KSI NON-EPOXY REINFORCING BARS.
3. FOR REINFORCING WITH A SPECIFIED YIELD STRENGTH GREATER THAN 60 KSI MULTIPLY SPLICE LENGTH BY (SPECIFIED YIELD STRENGTH/60 KSI)
4. FOR INDIVIDUAL BARS WITHIN A BUNDLE LAP LENGTHS SHALL BE MULTIPLIED BY 1.33 FOR FOUR BUNDLES AND 1.20 FOR THREE BAR BUNDLES.
5. BARS LARGER THAN #11 SHALL NOT BE LAP SPLICED.
6. WHERE BAR OF DIFFERENT SIZE ARE LAP SPLICED IN TENSION THE MINIMUM SPLICE LENGTH SHALL BE THE LARGER OF THE LENGTH OF A CLASS B TENSION SPLICE OR THE SMALLER BAR, OR THE LENGTH OF A CLASS A TENSION LAP SPLICE OF THE LARGER BAR.
7. LAP SPLICES ARE NOT PERMITTED WHERE MINIMUM CLEARANCE BETWEEN REINFORCING CANNOT BE MAINTAINED.
8. LAP SPLICE LENGTH SHALL NOT BE LESS THAN THE LARGER OF 12 INCHES MULTIPLIED BY ALL APPLICABLE MULTIPLIERS OR THE TABLE LENGTH MULTIPLIED BY ALL APPLICABLE MULTIPLIERS.

REQUIRED CONCRETE COVER FOR NON-FIRE-RATED ASSEMBLIES table with columns: ASSEMBLY, COVER (IN). Rows include concrete cast against earth, exposed to earth or weather, and not exposed to earth or weather.

- NOTES
1. PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS

CONCRETE MATERIALS DESIGNATION

Table mapping material names to standards. Includes Portland Cement (ASTM C150), Fly Ash (ASTM C618), Aggregate (ASTM C33), Water (Potable), Water Reducing Admixture (ASTM C494), High Range Water Reducing Admixture (ASTM C494), Accelerator Admixture (ASTM C290), Air Entraining Admixture (ASTM C260), Curing Compound (ASTM C309), Reinforcing Bars (ASTM A615), Welded Reinforcing Bars (ASTM A706), Epoxy Coated Reinforcing Bars (Epoxy Coated), and Vapor Retarder (ASTM E1745).

- NOTES
1. TYPE III PORTLAND CEMENT MAY BE USED IF ACCEPTABLE TO THE ARCHITECT.

CONCRETE MIX DESIGN REQUIREMENTS

Table for concrete mix design requirements with columns: ELEMENT, fc (psi), CEMENT TYPE, MAX W/C, MAX AGG, AIR CONTENT, SLUMP, and EXPOSURE. Lists items like Drilled Piers, Footings and Grade Beams, Foundation Walls, Interior Slab on Grade, Columns, Structural Slabs, Steel Stair Pans, and Sidewalks.

TABLE FOOTNOTES

- 1. MINIMUM AIR CONTENT EQUALS 5% IF CONCRETE IS EXPOSED TO FREEZING TEMPERATURE AND MOISTURE REGARDLESS OF VALUE INDICATED IN TABLE.
2. TOLERANCE ON AIR CONTENT AS DELIVERED SHALL BE +/-1.5% FOR Fc<= 5000 PSI, 1.0% FOR Fc>5000 PSI
3. REFER TO SPECIFICATIONS FOR MAXIMUM SHRINKAGE.
4. SLUMP TOLERANCES AS FOLLOWS (ACI 117) SPECIFIED SLUMP NOT GREATER THAN +/-1" SPECIFIED SLUMP MORE THAN +/-1" WHERE SLUMP IS SPECIFIED AS A RANGER = NO TOLERANCE SEE ACI 301 FOR SLUMP OF CONCRETE BEFORE ADDITION OF PLASTICIZERS OR HIGH-RANGE WATER REDUCING ADMIXTURES

GENERAL CONCRETE MIX NOTES

- 1. STRENGTH (fc) IS THE 28 DAY COMPRESSIVE STRENGTH AT 28 DAYS UNLESS NOTED OTHERWISE OR COMPRESSIVE STRENGTH AT THE SPECIFIED AGE.
2. CONCRETE IS NORMAL WEIGHT UNLESS NOTED OTHERWISE.
3. MIX DESIGNS SHALL BE IN ACCORDANCE WITH ACI 301.
4. EXPOSURE CLASS INDICATES THE SEVERITY OF THE ANTICIPATED EXPOSURE OF CONCRETE MEMBERS FOR EACH EXPOSURE INDICATED BELOW ACCORDING TO ACI 318/ACI 301.
5. CORROSION PROTECTION OF REINFORCEMENT NOTED THUS: C0, C1, C2 REFER TO ACI 301/ ACI 318 FOR SPECIFIC REQUIREMENTS BASED ON THE EXPOSURE CATEGORY INDICATED IN THE MIX DESIGN TABLE ABOVE.
6. CORROSION PROTECTION OF REINFORCEMENT REQUIREMENTS (CONCRETE, BY % WEIGHT OF CEMENT REINFORCED CONCRETE C0=1.0 C1=0.3 C2=0.15
7. WHERE CONCRETE IS EXPOSED TO F3 FREEZE THAW EXPOSURE, RESTRICTIONS ON MAXIMUM FLY ASH AND/OR OTHER CEMENTITIOUS MATERIALS APPLY. REFER TO TABLE 4.4.2 IN ACI 318 FOR REQUIREMENTS

CONCRETE REINFORCING TENSION CONTACT SPLICE LENGTHS

Table for concrete reinforcing tension contact splice lengths for concrete compression strength 4000 PSI Case 1. Columns: BAR SIZE, LAP CLASS, TOP BARS, OTHER BARS. Rows include bar sizes #3 through #8.

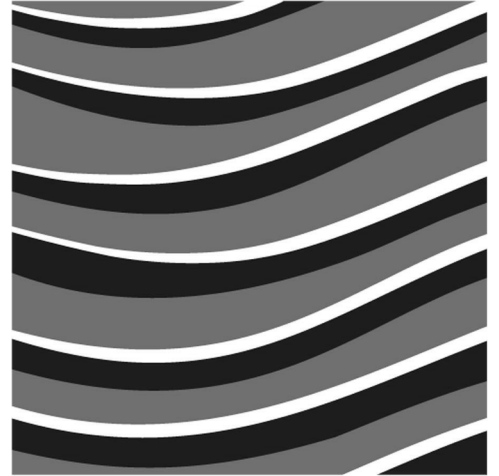
- NOTES:
1. THE TABLE ABOVE IS FOR CONCRETE COMPRESSION STRENGTH OF 5000PSI AND CASE #1 REINFORCEMENT.
2. THE TABLE ABOVE IS FOR CASE #1 REINFORCEMENT WITH CLEAR SPACING GREATER THAN 2\*db AND COVER GREATER THAN OR EQUAL TO db
3. TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE. ALL TENSION SPLICES SHALL BE CLASS B SPLICES UNLESS NOTED OTHERWISE.
4. OTHER BARS ARE REINFORCEMENT OTHER THAN TOP BARS.

APPROVED POST INSTALLED ANCHORS

Table mapping anchor types to products. Includes Expansion (Hilti KWK Bolt Tz, Simpson Strong Bolt 2), Concrete Screw (Hilti KWK Hus-EZ, Simpson Titan HD), and Epoxy Adhesive (Hilti HIT RE-500 SD, Simpson Set-XP).

NOTE: THE SPECIFIC APPLICATION OF EACH POST INSTALLED TO BE APPROVED BY ENGINEER BEFORE USE.

CONTRACTOR TO INCLUDE AN ALLOWANCE OF UP TO 2 TONS OF INSTALLED REINFORCING STEEL TO BE PLACED AT THE ENGINEERS DIRECTION.



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CHEROKEE NATION MODULAR HOME FOUNDATIONS ADDRESS HERE S001 GENERAL NOTES



BLUE RIVER PROJECT NUMBER: 20210121.32

ISSUE DATE: 12/02/22

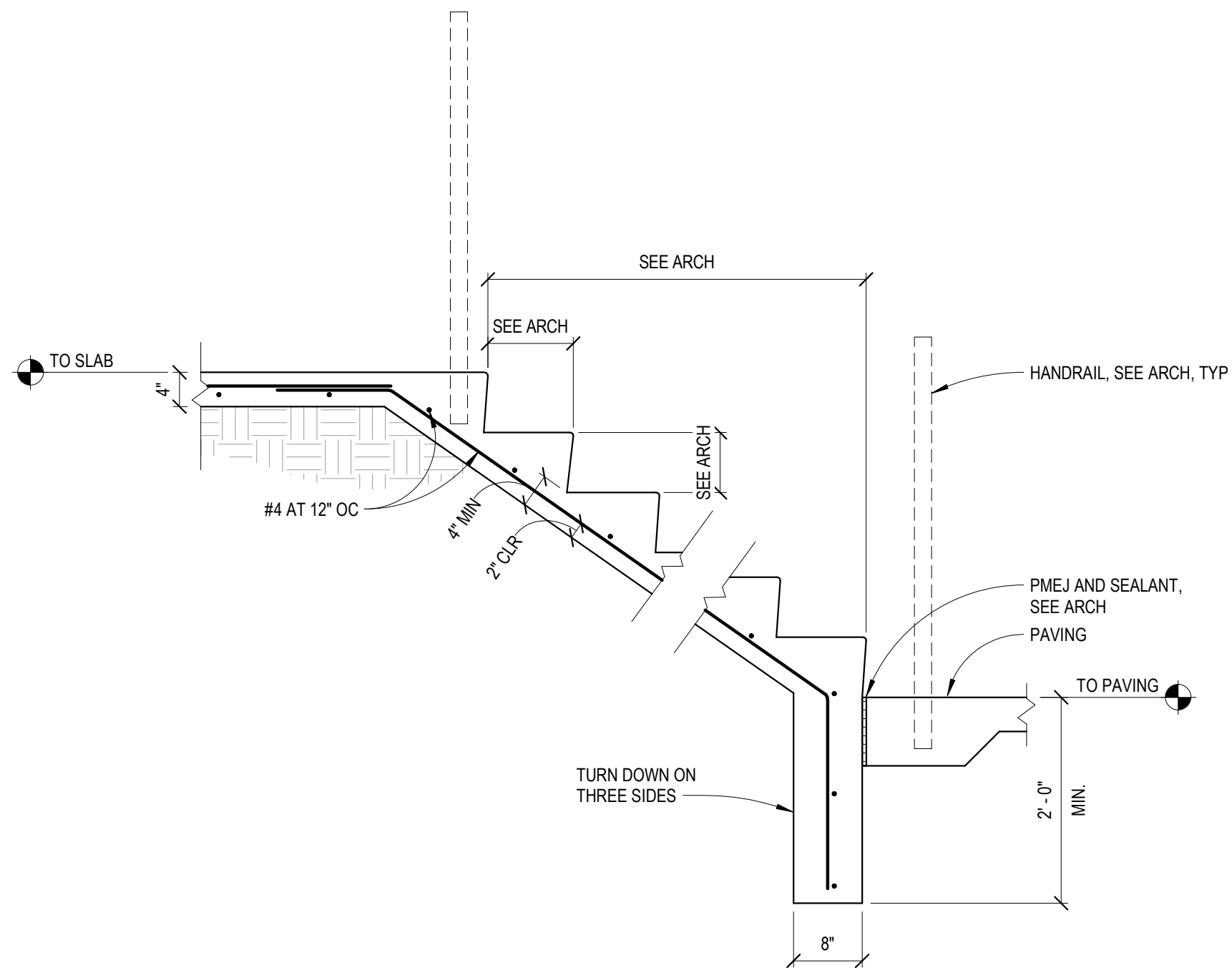
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SHEET NAME: GENERAL NOTES

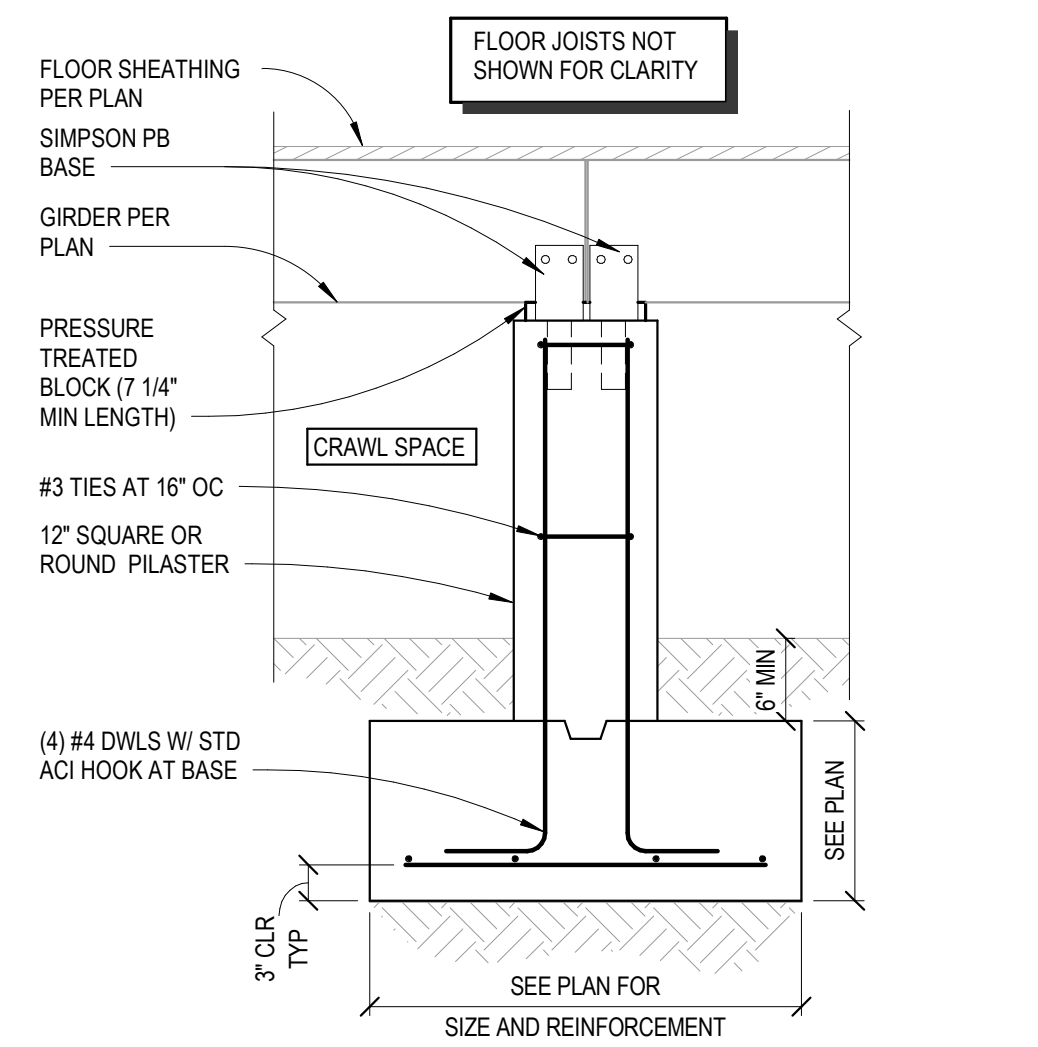
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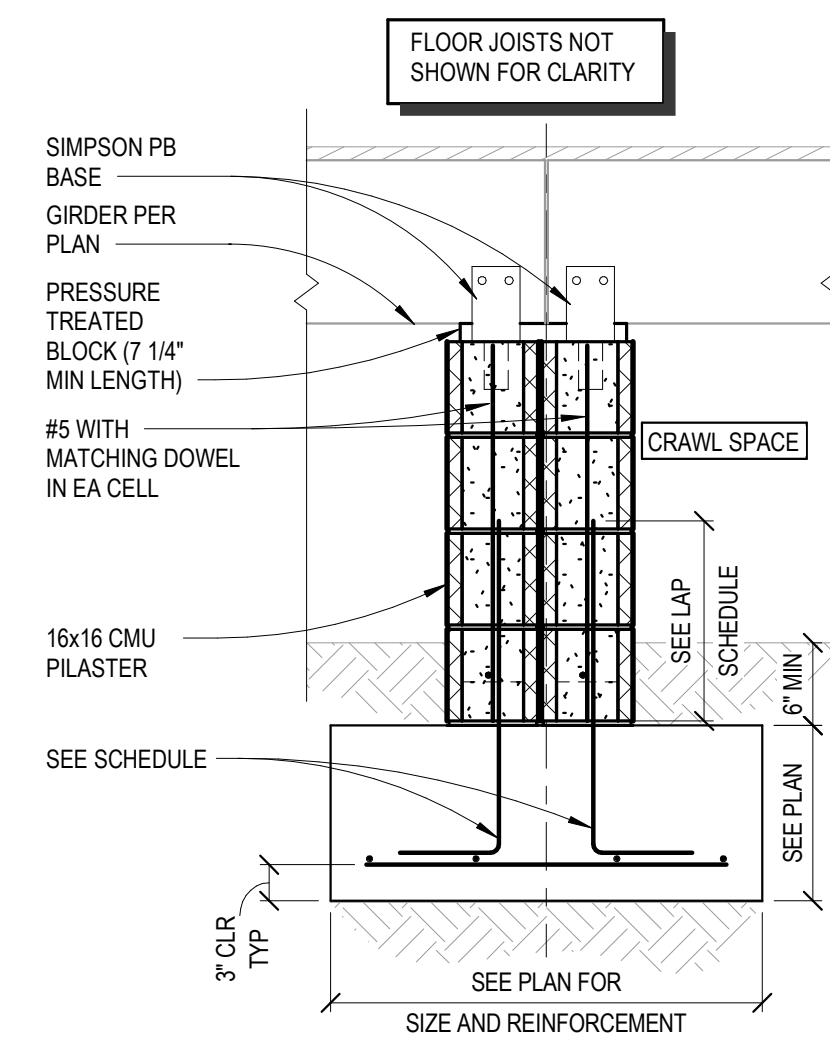
360 Engineering Group, PLLC 1201 East 3rd Street Joliet, IL 61720 815.518.1124 Certificate of Authorization: OK #5996 | EXP 6.30.2024



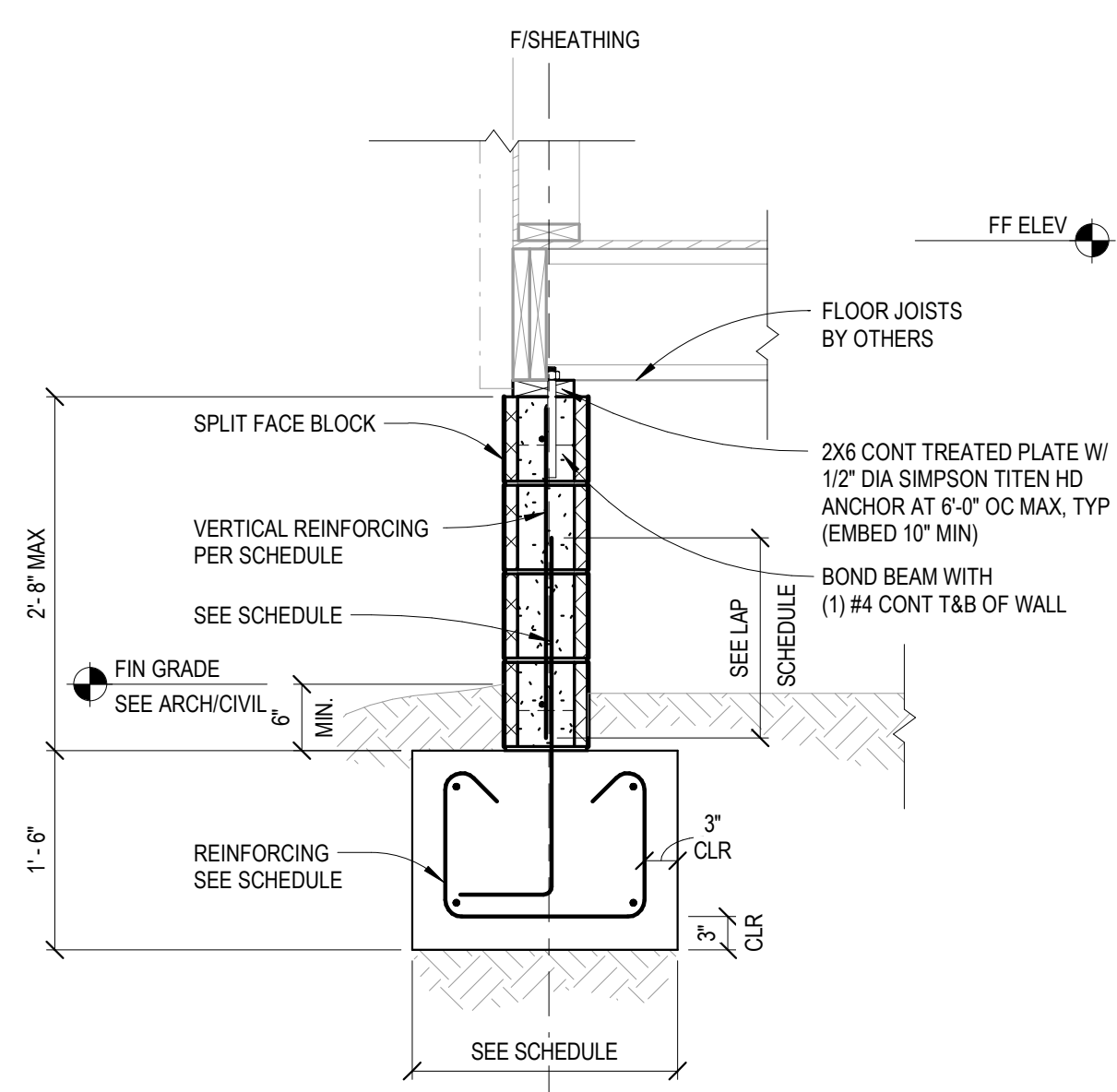
6 CONCRETE STAIRS (SITE)  
3/4" = 1'-0"



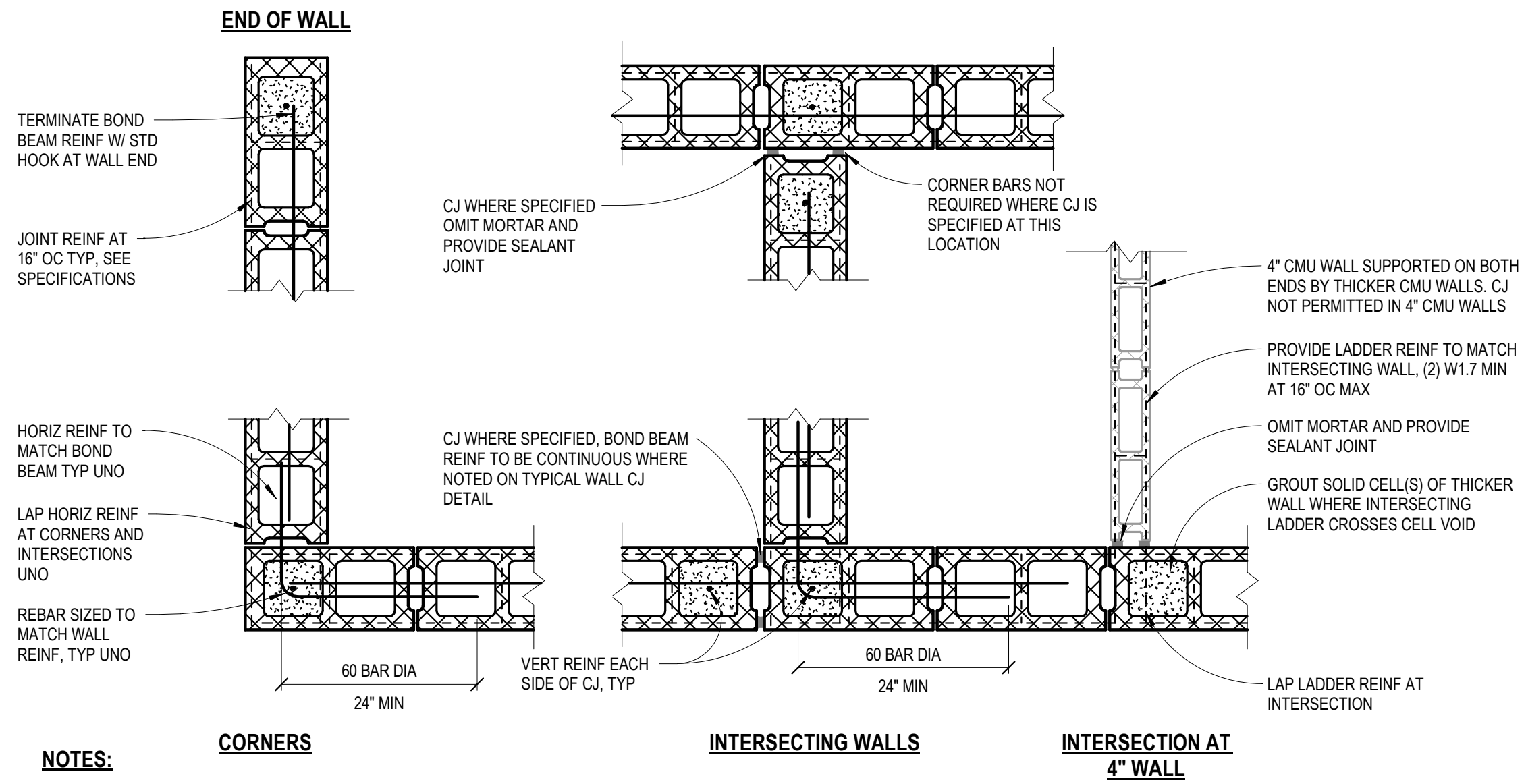
3 CONCRETE PILASTER OPTION DETAIL AT CRAWLSPACE  
3/4" = 1'-0"



4 CMU PILASTER OPTION DETAIL AT CRAWLSPACE  
3/4" = 1'-0"



2 TYP FOUNDATION WALL  
3/4" = 1'-0"



5 TYPICAL STRUC MASONRY WALL INTERSECTIONS  
1" = 1'-0"

- NOTES:
- REINFORCEMENT SHOWN IS IN ADDITION TO MINIMUM WALL REINFORCEMENT SHOWN IN CONC MASONRY WALL REINF SCHEDULE
  - REINFORCING TO BE CONTINUOUS FROM FOOTING TO TOP OF WALL. FILL CORES SOLID WITH GROUT AS NOTED IN THE SPECIFICATIONS OR GENERAL NOTES. SEE CONCRETE MASONRY NOTES FOR REINF LAPPING LENGTH
  - USE PREFABRICATED JOINT REINFORCEMENT "T" AND "L" SECTIONS ACROSS ALL INTERSECTIONS AT STRUC TO STRUC WALLS.

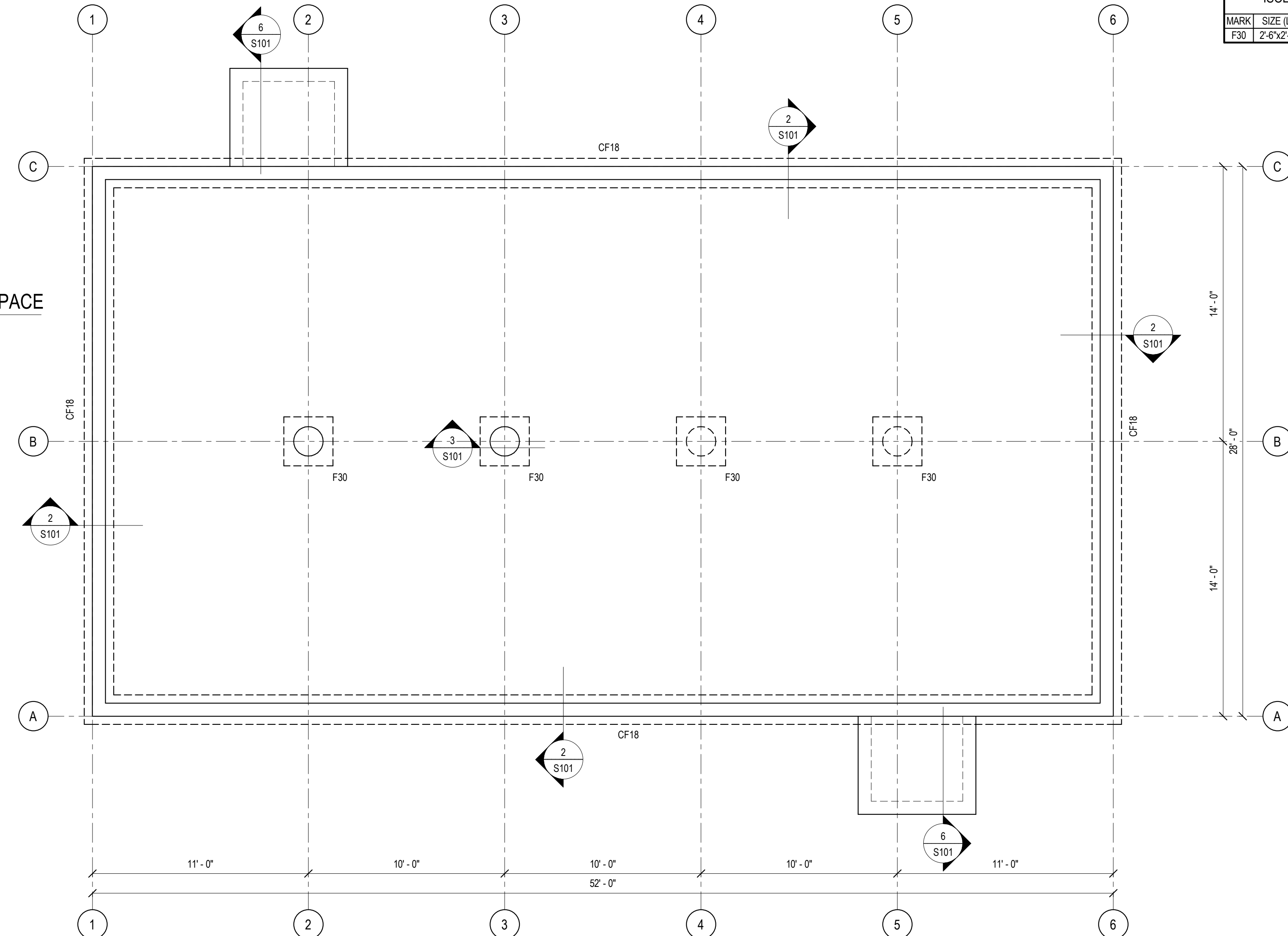
FOUNDATION DESIGNS AND LOCATIONS SHOWN ARE SUBJECT TO CHANGE UNTIL 360 ENGINEERING HAS COMPLETED REVIEW AND APPROVED FINAL SHOP DRAWINGS FOR BUILDING FRAMING.  
360 ENGINEERING GROUP, PLLC.

GRADING PLAN INFORMATION WERE UNAVAILABLE DURING THE FOUNDATION DESIGN, THEREFORE FOUNDATION ELEVATIONS SHOWN ON THE PLAN ASSUME A UNIFORM FINISH GRADE 6" BELOW FINISH FLOOR ELEVATION AROUND THE PERIMETER OF THE BUILDING. REFER GENERAL NOTES FOR MINIMUM BOTTOM OF FOOTING BEARING ELEVATION, BELOW ADJACENT GRADE. IF SITE CONDITIONS VARY FROM THAT STATED, CONTRACTOR SHALL NOTIFY ARCHITECT AND STRUCTURAL ENGINEER FOR A RE-DESIGN OF THE FOUNDATION SYSTEM TO ACCOMMODATE ACTUAL SITE CONDITIONS.

CMU VERTICAL REINFORCING SCHEDULE		
SIZE	WALL REINFORCING	REMARKS
8"	(1) #5 VERT AT 48" OC WITH (1) #5 DOWEL AT 48" OC	--

CONTINUOUS FOOTING SCHEDULE		
MARK	SIZE (WxD)	REINFORCEMENT
CF18	1'-6"x1'-6"	(2) #5 CONT T&B W/ #3 TIES AT 48" OC

ISOLATED FOOTING SCHEDULE		
MARK	SIZE (LxWxD)	REINFORCEMENT
F30	2'-6"x2'-6"x1'-6"	(4) #5 BOT BARS, EW



1 FOUNDATION PLAN  
1/4" = 1'-0"

GENERAL FOUNDATION NOTES (S)

- SOME GENERAL SHEET NOTES MAY NOT APPLY TO THIS SHEET.
- SEE SHEET S001 FOR GENERAL NOTES.
  - SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS.
  - SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
  - CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION.



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CHEROKEE NATION MODULAR HOME FOUNDATIONS  
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S101 FOUNDATION PLAN



BLUE RIVER PROJECT NUMBER:  
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ISSUE DATE:  
12/02/22  
ISSUE:

OTHER ISSUE DATES:  
NO. DESCRIPTION DATE

SHEET NAME:  
FOUNDATION PLAN

SHEET NUMBER:  
S101

