

# ABBREVIATIONS (NOTE: NOT ALL ABBREVIATIONS USED)

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes terms like ANCHOR BOLT, ADJACENT, ABOVE FINISHED FLOOR, ARCHITECTURAL, etc.

# SYMBOLS

Table with 3 columns: Symbol, Description, Symbol, Description. Includes AT CENTER LINE, STRUCTURAL LINE, etc.

# STRUCTURAL DESIGN DATA

Table containing structural design data: BUILDING CODE (2021 ARKANSAS FIRE PREVENTION CODE), GRAVITY LOADS, LIVE LOADS, SNOW LOAD, LATERAL LOADS, SEISMIC.

# GENERAL NOTES

- 1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.

# GENERAL NOTES CONT.

- 9. MECHANICAL EQUIPMENT LOADINGS ARE BASED ON THE WEIGHTS OF PROVIDED EQUIPMENT INFORMATION. ANY CHANGES IN TYPE, SIZE, OR NUMBER OF PIECES OF EQUIPMENT SHALL BE REPORTED TO THE ARCHITECT/ENGINEER OF RECORD FOR VERIFICATION OF THE ADEQUACY OF THE SUPPORTING MEMBERS PRIOR TO THE PLACEMENT OF SUCH EQUIPMENT.

# EARTHWORK, FOUNDATION & SLAB-ON-GRADE NOTES

- 1. FOUNDATION DESIGN IS BASED ON SOILS INVESTIGATION AND REPORT BY GTS, INC., DATED DEC 7, 2023, PREPARED FOR HAWKINS-WEIR ENGINEERS, GTS PROJECT NUMBER: 23-010-001.

# CONCRETE MATERIAL

- 1. MINIMUM CONCRETE STRENGTH AT 28 DAYS:
A. CLASS A: CONCRETE FILL & PIPE ENCASEMENT fc = 2500 PSI
B. CLASS B: CONCRETE SIDEWALKS & PAVEMENT fc = 3,500 PSI
C. CLASS C: STRUCTURAL CONCRETE fc = 4,000 PSI

# STRUCTURAL STEEL NOTES

- 1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
ALL CHANNELS, ANGLES, PLATES, ETC. (U.N.O.)
ALL WIDE FLANGES (U.N.O.)
STRUCTURAL TUBE
STEEL PIPE
ANCHOR RODS
BOLTS
WELD ELECTRODES

# SUBMITTAL PROCEDURES

- 1. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER FOR THIS PROJECT MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL ALL RELATED SUBMITTALS ARE RECEIVED.

# SEISMIC NOTE

I hereby certify that the structural load carrying members of this building structure have been designed in accordance with Arkansas Act 1100 1991.

John Riordan, P.E.
Arkansas Registration No. 14516

# CONCRETE REINFORCING STEEL

- 1. DESIGN OF THE REINFORCED CONCRETE IS IN CONFORMANCE TO ACI 318-2011. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.

Table with 4 columns: BAR SIZE, TOP BARS, OTHER BARS, COMPRESSION SPLICES (IN.). Rows #3 through #11.

# ADHESIVE ANCHOR NOTES

- 1. CONCRETE ADHESIVE SHALL BE A HIGH STRENGTH, TWO PART EPOXY ADHESIVE SUPPLIED IN SINGLE CARTRIDGES SEPARATING THE RESIN FROM THE HARDENER, AND CAPABLE OF DISPENSING AN ACCURATELY PROPORTIONED ADHESIVE MIXTURE.

# SHEET INDEX

Table with 2 columns: Sheet ID, Description. Includes SB-01 STRUCTURAL NOTES, SB-02 PROJECT 3D VIEWS, etc.

Professional Engineer Seal for John M. Riordan, State of Arkansas, License No. 14516. Includes company logo for Hawkins-Weir Engineers, Inc. and Cornerstone Structural Engineering, Inc. and project information: Maintenance Building Structural Notes, August 2024.

Autodesk Docs/CSE23068 HW Rogers PCE Phase2 SH Improv/408493-Maintenance Building-CSE.rvt 8/26/2024 10:03:19 AM TPL / STRUCTURAL NOTES