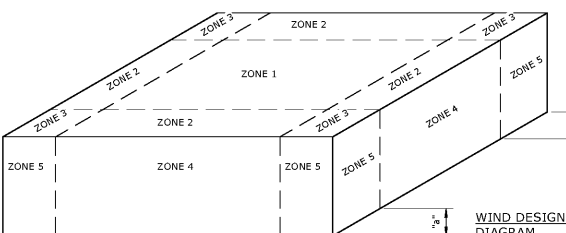


GENERAL NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BRACING DURING CONSTRUCTION... 2. THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE WITH 2020 GEORGIA AMENDMENTS SHALL APPLY... 3. CONTRACTOR SHALL VERIFY LOCATION OF ALL ROOF OPENINGS... 4. DETAILS NOT SHOWN SHALL BE ACCORDING TO: AMERICAN INSTITUTE OF STEEL CONSTRUCTION... 5. DESIGN LOADS: DEAD, LIVE, SNOW, WIND, SEISMIC... 6. COMPONENT & CLADDING SUCTION/PRESSURES... 7. WALL PRESSURE (PSF)...

Table with 2 columns: Zone, Pressure (PSF). Rows for Roof Pressure and Roof Suction across zones 1-3.

Table with 2 columns: Zone, Force Acts Towards Surface / Away from Surface (PSF).



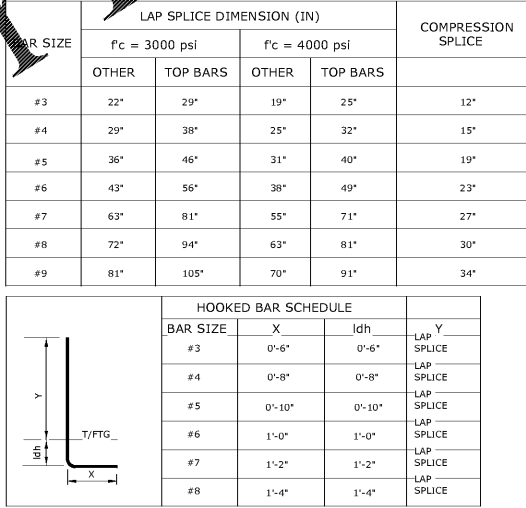
- 6. CONTRACTOR SHALL REVIEW SHOP DRAWINGS AND VERIFY ALL DIMENSIONS... 7. ALL SHOP DRAWINGS SHALL BE PREPARED UNDER THE DIRECT SUPERVISION... 8. EXPANSION BOLTS AND/OR SLEEVE ANCHORS ARE NEVER TO BE SUBSTITUTED... 9. THE DESIGN OF SPECIAL CONNECTIONS BETWEEN STEEL FRAMING COMPONENTS... 10. SPECIAL INSPECTION REPORTS AND A FINAL BUILDING REPORT...

CONCRETE NOTES:

- 1. ALL CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 4" AND A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS: FOOTINGS, SLAB ON GRADE, RETAINING WALLS, EXTERIOR SLABS... 2. AIR ENTRAINING AGENTS SHALL BE USED TO PRODUCE 3% TO 6% AIR BY VOLUME... 3. ON PLANS INDICATES CONSTRUCTION JOINTS OR CONTROL JOINTS... 4. ALL STEEL BAR REINFORCEMENT SHALL BE A.S.T.M. A-615, GRADE 60... 5. MAINTAIN MINIMUM CONCRETE COVERAGE FOR REINFORCING STEEL... 6. UNLESS NOTED OTHERWISE IN THE DRAWINGS, CAST IN PLACE CONCRETE SHALL HAVE THE FOLLOWING TRIM STEEL ADEQUATE ABOVE ALL OPENINGS... 7. FOUNDATIONS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY... 8. SEE ARCHITECTURAL DRAWINGS/SPECIFICATIONS FOR CONCRETE FLOOR FINISH REQUIREMENTS... 9. DESIGN OF CONCRETE STRUCTURAL ELEMENTS SHALL BE IN ACCORDANCE WITH ACI-318-11... 10. CONCRETE TEST REPORTS SHALL BE AVAILABLE AT THE JOBSITE... 11. CHAMFER ALL CORNERS 3/4" U.N.O... 12. CONCRETE SUPPLIER TO PROVIDE MIX DATA IN COMPLIANCE WITH ACI 318-11 CHAPTER 5... 13. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW... 14. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT... 15. SLAB-ON-GRADE SHALL BE SAWCUT IMMEDIATELY AFTER CONCRETE HARDENS... 16. MINIMUM LAP AND SPLICE LENGTH FOR A REINFORCEMENT BAR SHALL BE CLASS B PER THE SCHEDULE BELOW... 17. PROVIDE A 15-MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS WELDED NOT LESS THAN 6 INCHES... 18. STEEL REINFORCEMENT TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706... 19. COLD WEATHER PLACEMENT: COMPLY WITH PROVISIONS OF ACI 306 AND AS FOLLOWS...

LAP SPLICE SCHEDULE table with columns: BAR SIZE, LAP SPLICE DIMENSION (IN) for f'c = 3000 psi and f'c = 4000 psi, COMPRESSION SPLICE.

HOOKED BAR SCHEDULE table with columns: BAR SIZE, X, ldh, LAP SPLICE.



STEEL NOTES:

- 1. ALL STRUCTURAL STEEL SHALL BE PROVIDED AS FOLLOWS: RECTANGULAR/SQUARE HSS SHAPES (ASTM A500 Gr. B), STEEL PIPES (ASTM A53 Gr. B), W SHAPES (ASTM A992), STRUCTURAL STEEL U.N.O. (ASTM A36)... 2. ALL STRUCTURAL STEEL FASTENERS SHALL BE U.N.O. (ASTM A325-14) CARBON AND ALLOY NUTS (ASTM A563)... 3. STRUCTURAL STEEL MEMBERS TO RECEIVE SPRAYED-ON FIREPROOFING... 4. UNLESS NOTED OTHERWISE IN THE DRAWINGS, ALL FILLET WELDS SHALL BE 3/16"... 5. UNLESS OTHERWISE SHOWN, ALL BEAM CONNECTIONS SHALL BE STANDARD FRAMED OR SEATED CONNECTIONS... 6. CONTRACTOR SHALL PROVIDE CONTINUOUS L4x4x5/16 AS TYPICAL ROOF DECK CLOSURE... 7. GRIND EXPOSED WELDS SMOOTH AND FLUSH... 8. COAT ALL COLUMN BASES EXPOSED TO EARTH W/ BITUMASTIC COATING... 9. ALL BOLTED CONNECTIONS SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RSCS-2009... 10. BOLTED CONNECTIONS SHALL BE ASSEMBLED AND INSPECTED ACCORDING TO SPECIFICATIONS FOR STRUCTURAL JOINTING USING ASTM A325... 11. WHERE PRACTICAL, UNLESS SHOWN DIFFERENTLY ON DRAWINGS, ALL BRACING CONNECTIONS SHALL BE DESIGNED AND DETAILED SO THAT ALL FORCE COMPONENTS CAN BE DELIVERED DIRECTLY TO THE CENTRAL LINE OF INTERSECTING MEMBERS... 12. GROUT SHALL BE NON-SHRINK WITH A MINIMUM 7 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I... 13. COORDINATE PRIMER FOR ALL EXPOSED STEEL WITH REQUIREMENTS OF SECTION 09960... 14. STRUCTURAL STEEL ENCASED IN CONCRETE SHALL BE GALVANIZED... 15. FOR COLD-FORMED METAL FRAMING (STRUCTURAL): MEMBERS SHALL POSSESS MIN. SECTION AND MATERIAL PROPERTIES PER AISI COLD-FORMED STEEL SPECIFICATIONS...

MASONRY NOTES:

- 1. MASONRY WALL CONTROL JOINTS SHALL BE LOCATED IN THE MASONRY UNIT HEAD JOINT CLOSEST TO LOCATION SHOWN ON ARCHITECTURAL ELEVATIONS... 2. PROVIDE MIN. 0"-8" BEARING AT EACH SIDE OF MASONRY OPENINGS... 3. REINFORCED MASONRY GROUT (R.M.G.) FOR FILLING CELLS IN C.M.U. WALLS SHALL CONFORM TO STANDARD SPECIFICATIONS... 4. TYPE "S" MORTAR SHALL BE USED FOR ALL C.M.U. WALLS MIN... 5. FILLED CELLS IN CONCRETE MASONRY UNITS (C.M.U.) SHALL BE LOCATED AS NOTED ON THE FOUNDATION PLAN OR SHOWN IN SECTIONS/TYPICAL DETAILS... 6. FILLED CELLS SHALL BE CONTINUOUS FROM FOOTING TO TOP BOND BEAM COURSE... 7. ALL VERTICAL REINFORCEMENT IN FILLED CELLS SHALL BE DOWELED INTO FOOTING AT BOTTOM AND BOND BEAM COURSE AT TOP... 8. CONTRACTOR SHALL PROVIDE STANDARD GAUGE "DUR-O-WALL" OR EQUIVALENT JOINT REINFORCEMENT AT 16" O.C. IN ALL C.M.U. WALLS... 9. BARS SHALL BE A.S.T.M. A-615, GRADE 60, EXCEPT TIES AND STIRRUPS... 10. BOND BEAMS SHALL BE PROVIDED AT THE TOP OF WALL OPENINGS... 11. A MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (fm) OF 2000 P.S.I. IS REQUIRED FOR ALL REINFORCED MASONRY CONSTRUCTION... 12. ALL ANCHORS BUILT INTO MASONRY SHALL BE GALVANIZED... 13. MASONRY CONSTRUCTION SHALL CONFORM TO SECTION 530.1, CURRENT EDITION... 14. MASONRY UNITS ARE NOT TO BE SUPPORTING AND SHOULD BE SHORED FOR LATERAL LOADING UNLESS ATTACHED TO THE STRUCTURE... 15. REINFORCING BARS FOR VERTICAL FILLED CELLS SHALL BE LAPPED AS FOLLOWS:

Table for REINFORCING BARS FOR VERTICAL FILLED CELLS with columns: BAR SIZE, LONGITUDINAL DEVELOPMENT LENGTH, REINFORCEMENT LOCATION, OFFSET IN CELL, MIN. 1 1/2" CLEAR COVER*, MIN. 2" CLEAR COVER**.

JOIST NOTES:

- 1. DIAGONAL BRIDGING FOR JOISTS AND LONG SPAN JOISTS SHALL NOT BE ALLOWED IN BAYS UTILIZED BY MECHANICAL DUCTWORK RUNS... 2. JOIST SPACINGS MAY BE ADJUSTED BY 6" MAX. TO ACCOMMODATE FAN UNIT CLEARANCE REQUIREMENTS... 3. MECHANICAL EQUIPMENT LOCATIONS SHOWN ON THE ROOF FRAMING PLANS ARE BASED ON INFORMATION THAT WAS SUPPLIED BY THE MECHANICAL ENGINEER... 4. JOIST DETAILER SHALL LOCATE JOIST BRIDGING IN SUCH A WAY AS TO PREVENT INTERFERENCE WITH MECHANICAL/ELECTRICAL EQUIPMENT...

METAL DECK NOTES:

- 1. ROOF DECK SHALL BE 1 1/2" DEEP WIDE RIB STEEL ROOF DECK, TYPE 1500-0... 2. ROOF DECK SHALL BE ATTACHED TO SUPPORTING MEMBERS AND SECURE ANGLES AND/OR PLATES IN ACCORDANCE WITH VULCRRAFT... 3. THE BELOW PRODUCTS ARE THE DESIGN BASIS FOR THE METAL DECK... 4. FASTENING STRUCTURE FROM THE ROOF DECK IS NOT PERMITTED.

POST INSTALLED ANCHOR NOTES:

- POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS... 1. FOR ANCHORING TO CONCRETE: MECHANICAL ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE... 2. ADHESIVE ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE... 3. POWER ACTUATED FASTENERS FOR USE IN CONCRETE... 4. FOR ANCHORING TO MASONRY: ANCHORAGE TO SOLID-GROUTED CONCRETE MASONRY... 5. STEEL FASTENERS: GAS AND POWDER-ACTUATED FASTENERS FOR USE IN STEEL...

BXA Breaux & Associates ARCHITECTS logo and contact information: 5605 Shiloh Road East, Suite 200, Alpharetta, Georgia 30005 | (678) 565-4068



PROJECT: GEORGIA ASSOCIATES 4411 - 1st Floor - Addition - 11/2024 4411 - 1st Floor - Addition - 11/2024 4411 - 1st Floor - Addition - 11/2024 4411 - 1st Floor - Addition - 11/2024

Table with 3 columns: NO, DESCRIPTION, DATE.

RUSSOM ELEMENTARY SCHOOL ADDITION 44 RUSSOM ELEMENTARY SCHOOL LANE DALLAS, GA 30132 (FACILITY CODE: 710-0204) PAULDING COUNTY SCHOOLS

GENERAL NOTES

Table with 2 columns: DATE (03/06/2020), PROJECT NO. (19117). Includes a large 'S1.0' stamp.

DEFERRED SUBMITTAL ITEMS:

- PRIOR TO INSTALLATION AND INSPECTION OF DEFERRED ITEMS, CALCULATIONS AND LAYOUT PLANS SHALL BE AT THE JOB SITE WITH ALL SHEETS BEARING A GEORGIA CIVIL/STRUCTURAL ENGINEER WET SEAL AND SIGNATURE RESPONSIBLE FOR THE DESIGN... 1. CANOPIES/AWININGS 2. GLAZED SYSTEMS (INCLUDED BUT NOT LIMITED TO WINDOW UNITS, CURTAIN WALL, AND STOREFRONTS) WHICH EXCEED 10FT. IN HEIGHT. 3. LIGHT GAUGE STEEL FRAMING