● CONTRACTOR(S) SHALL VERIFY EXISTING CONDITIONS AND CORRELATE DIMENSIONS PRIOR TO PROVIDING THE WORK DETAILED IN THESE DRAWINGS, AND SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

GENERAL NOTES & SPECIFICATIONS

Design Criteria

Applicable Building Code: 2013 Kentucky Building Code

1. Design wind loads

   A. Interior Pressure = 5 psf

   B. Components and cladding: use the most stringent wind load obtained from code, underwriter criteria (Factory Mutual, etc.), and the project specifications. Cladding manufacturer shall consider increased pressure coefficients at building perimeter, corners, eaves, and rakes. Loads noted in general notes are obtained from code.

2. Seismic

   S_S = 0.188

   S_1 = 0.096

   S_{DS} = 0.201

   S_{D1} = 0.146

Seismic importance factor (Ie)	1.0
Occupancy Category	II
Seismic site class	D (presumed)
Seismic design category	C

General

1. The term General Contractor (G.C.) as used in these documents refers to the Contractor / Construction Manager in responsible charge of the project in terms of coordination, scheduling, subcontractor coordination, etc. This term refers to, but is not limitd to, General Contractor, Construction Manager, Design Build Contractor, Prime Contractor, etc. The term is referencing the entity that coordinates the work of other trades.

2. The structure or its modifications are designed to be self-supporting and stable after the building or its modifications are fully completed. It is solely the contractor's responsibility to determine erection procedure and sequence and insure the safety of the construction personnel, public, building and its component parts, and adjacent buildings and properties. This includes the addition of whatever temporary or permanent shoring, bracing, etc. that may be necessary to brace new construction, existing walls, and framing to remain so that the structure is braced for wind, seismic, gravity, construction loads, etc. and that no horizontal or vertical settlement or any damage occurs to the adjacent existing structures. Temporary supports shall be maintained in place until permanent supports and/or shoring and bracing are installed. Design of these supports shall be by a registered engineer registered in the state where the project is located in the employ of the contractor.

3. Fall protection support shall be provided in accordance with OSHA requirements as required. Such material shall remain the contractor's property after completion of the project.

4. It is the contractors responsibility to enforce all applicable safety codes and regulations during all phases of construction.

5. The contractor shall perform all construction for the project in a manner and sequence that are based on accepted industry standards that recognize the interaction of the components that comprise the structure, without causing distress, unanticipated movement, or irregular load paths as a result of the construction means and methods employed.

6. Construction loads shall not exceed design live loads. The contractor shall be responsible for all design required to support construction equipment used in constructing this project. Shoring and re-shoring is the responsibility of the contractor.

7. The existing conditions shown on these documents were based upon survey prepared by Architectural Group International. The drawings illustrate the existing structure, structural elements and framing details based on either the original construction drawings and/or site observation. Prior to initiating material procurement and construction, it is the contractor's responsibility to verify existing conditions are consistent with the contract documents. This may require the removal of existing finishes and possible selective demolition to verify the as-built conditions. The contractor is responsible for field verifying all existing conditions, any discrepancies are to be immediately reported to the engineer and architect prior to proceeding with any of the work in question.

8. All mechanical and electrical duct work, plumbing, piping, wiring, lighting and all architectural items that need to be removed during the modification of, or reinforcing of, existing structure shall be replaced in kind. The contractor shall keep all existing systems in operation during the construction phase of the project.

9. All contractors are required to examine the drawings and specifications carefully, visit the site and fully inform themselves as to all existing conditions and limitations, prior to agreeing to perform the work. Failure to visit the site and familiarize themselves with the existing conditions and limitations will in no way relieve the contractor from furnishing any materials or performing any work in accordance with drawings and specifications without additional cost to the owner.

10. Details labeled "Typical Details" on drawings apply to situations occurring on the project that are the same or similar to those specifically detailed. Such details apply whether or not details are referenced at each location. Notify engineer of clarifications regarding applicability of "Typical Details".

11. Work these drawings with architectural, mechanical, and electrical drawings.

12. Do not scale drawings.

13. Any discrepancies between structural and architectural drawings shall be brought to the attention of the architect and structural engineer.

14. Should any of the general notes conflict with any details or instructions on plans, or in the specifications, the strictest provision shall govern.

Cold Formed Metal Framing

1. The design, installation and construction of cold-formed carbon or low-alloy steel, structural and nonstructural exterior steel framing, shall be in accordance with "The Standard for Cold-Formed Steel Framing-General Provisions, American Iron and Steel Institute" (AISI-general) and AISI-NASPEC.

2. System components: with each type of metal framing required, provide manufacturer's standard steel runners (tracks), bracing, clip angles, shoes, reinforcements, fasteners, and accessories as recommended by manufacturer for applications indicated, as needed, to provide a complete metal framing system.

3. The supplier shall provide all components and connections relative to size, spacing, gauge location, and anchorage of metal studs shown on architectural and structural drawings. Additional costs associated with an increase in the size, or gauge of the studs from that shown on the drawings are not permitted. The design intent shall be followed and supplier shall provide design for all framing components and connections not specifically detailed including trusses, headers, jambs, supplemental bracing, etc. Any deviation from this design shall be approved by the architect/engineer. Additional fees required to evaluate a revision in stud size, gauge or spacing are the responsibility of the contractor.

4. Design of metal stud framing shown is based on CSJ type (1 5/8" flange) studs with Clark-Dietrich Industries section properties and allowable resisting moment capacity. Alternate manufacturer's framing size shall meet the minimum section properties and allowable resisting moment capacity of the members indicated on the design drawings. Additional costs for an increase in stud size or gage is prohibited.

5. Contractor shall submit fabrication and erection shop drawings to the engineer for review of all cold formed metal framing components and connections indicated on the contract drawings. Any deviation from this design shall be approved by the architect/engineer and additional review costs shall be the responsibility of the contractor.

6. Design of cold-formed metal stud framing shown is based on SSMA studs with section properties and allowable resisting moment capacities as defined in AISI manual, Cold-Formed Steel Design.

7. Minimum thickness of exterior cold-formed wall studs and tracks shall be 18 ga. at masonry veneer and 20 ga. at other locations, (u.n.o.). Minimum stud flange width shall be 1 5/8". Increase gauge thickness as required by finish system manufacturer (e.g. metal panel system, etc.). G.C. to coordinate requirements with selected manufacturers.

8. Member sizes given or connections specifically detailed on the drawings shall be considered a minimum requirement.

9. All framing members 16 ga. and heavier shall be formed from steel with a minimum yield strength of 50 ksi. All other framing shall be formed from steel with a minimum yield strength of 33 ksi.

10. All framing shall be galvanized, G90 coating at masonry veneer and G60 at other locations.

11. All connections shall be screwed or welded. Powder driven fasteners are not acceptable for any structural applications.

12. Welding: use qualified welders and comply with AWS D1.3 "Structural Welding Code - Sheet Steel".

13. Connection methods and fastener sizes/types shall not deviate from that indicated on drawings unless a substitution request is submitted and approved by architect/engineer prior to installation.

14. Member web openings shall be positioned a minimum of 10" from connections.

15. All welds shall be touched up with zinc-rich paint.

16. Fabrication tolerances: fabricate assemblies level, plumb, and true to line to a maximum allowable tolerance variation of 1/8" in 10 feet (1:960) and as follows:

   A. Spacing: space individual framing members no more than plus or minus 1/8 inch (3mm) from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

   B. Squareness: fabricate each cold-formed metal framing assembly to a maximum out-of-square tolerance of 1/8 inch (3mm).

17. Install cold-formed metal framing according to ASTM C 1007, unless more stringent requirements are indicated.

18. Install supplementary framing, blocking and bracing in metal framing system wherever walls, partitions, canopies and soffits are indicated to support fixtures, equipment, services, and similar work. where type of supplementary support is not otherwise indicated, comply with stud manufacturer's recommendations and industry standards in each case, considering weight or loading resulting from item supported.

19. Installation of stud system: secure studs to runner tracks by either welding or screw fastening at both inside and outside flanges unless otherwise noted on drawings. Seat studs completely in track.

20. Frame both sides of expansion and control joints with separate studs; do not bridge the joint with components of stud system.

21. Install horizontal stiffeners in stud system, spaced at not more than 4'-0" on center. Weld at each intersection.

22. Where stud system abuts structural columns, beams or walls, including masonry walls, anchor ends of stiffeners to supporting structure.

23. Install temporary bracing and supports to secure framing and support loads comparable in intensity to those for which structure was designed. Maintain braces and supports in place, undisturbed, until entire integrated supporting structure has been completed and permanent connections to framing are secured.

29. Contractor shall coordinate installation of edge angles with steel erection and metal stud contractor to ensure proper alignment of angles for metal stud installation.

30. Galvanized repairs: prepare and repair damaged galvanized coatings on fabricated and installed cold formed metal framing with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.

31. Touch up painting: wire brush, clean, and paint scarred areas, welds, and rust spots on fabricated and installed prime-painted, cold-formed metal framing. Paint framing surfaces with same type of shop paint used on adjacent surfaces.

Quality Assurance

1. Testing: owner will engage a qualified independent testing agency to perform field quality-control testing.

2. Field and shop welds will be subject to inspection and testing.

3. Testing agency will report test results promptly and in writing to contractor and architect.

4. Remove and replace work that does not comply with specified requirements.

5. Additional testing and inspecting, at contractor's expense, will be performed to determine compliance of corrected work with specified requirements.

ABBREVIATIONS

A.B.	ANCHOR BOLTS
ADD'L.	ADDITIONAL
AFF	ABOVE FINISH FLOOR
ARCH.	ARCHITECTURAL
B. PL	BASE PLATE
BLDG.	BUILDING
BLK.	BLOCK
BM.	BEAM
BOT.	BOTTOM
BRDG.	BRIDGING
BRG.	BEARING
BTJ	BOTTOM TIE JOIST
CANT'L.	CANTILEVER
C.I.P.	CAST-IN-PLACE
C.J.	CONTROL JOINT
CL	CENTERLINE
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
C.Y.	CUBIC YARD
DBA	DEFORMED BAR ANCHOR
DET.	DETAIL
DIAG.	DIAGONAL
Ø or DIA.	DIAMETER
DJ	DOUBLE JOIST
DK.	DECK
D.L.	DEAD LOAD
DWG.	DRAWING
DWLS	DOWELS
EA.	EACH
E.F.	EACH FACE
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELEV.	ELEVATOR
E.S.	EACH SIDE
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.W.	EACH WAY
EXP.	EXPANSION
(E) or EXIST.	EXISTING
EXT.	EXTERIOR
F/BLDG.	FACE OF BUILDING
F/CONC.	FACE OF CONCRETE
F.D.	FLOOR DRAIN
FIN.	FINISH
FLG.	FLANGE
FLR.	FLOOR
F.S.	FAR SIDE OR FOOTING STEP
FT.	FEET
FTG.	FOOTING
GA.	GAUGE
G.B.	GRADE BEAM
G.C.	GENERAL CONTRACTOR
GALV.	GALVANIZED
HD'D.	HEADED
HORIZ.	HORIZONTAL
I.F.	INSIDE FACE
INT.	INTERIOR
J/B	JOIST BEARING
JST.	JOIST
JT.	JOINT
k	KIP
LG.	LONG
L.L.	LIVE LOAD
(LLH)	LONG LEG HORIZONTAL
(LLV)	LONG LEG VERTICAL
LW	LONG WAY
MAS.	MASONRY
MC	MOMENT CONNECTION
MECH.	MECHANICAL
MFR.	MANUFACTURER
MTL	METAL
(N)	NEW
(N.I.C.)	NOT IN CONTRACT
N.S.	NEAR SIDE
NTS	NOT TO SCALE
O.C.	ON CENTER
O.F.	OUTSIDE FACE
O/O	OUT TO OUT
OPP.	OPPOSITE
PC	PRECAST CONCRETE
PL	PLATE
PLCS.	PLACES
P.S.F.	POUNDS/SQUARE FOOT
P.S.I.	POUNDS/SQUARE INCH
RAD.	RADIUS
R.D.	ROOF DRAIN
REINF.	REINFORCING
REQ'D.	REQUIRED
RET.	RETAINING
SECT.	SECTION
SIM.	SIMILAR TO
S.O.G.	SLAB ON GRADE
SP.	SPACES
SQ.	SQUARE
STIFF.	STIFFENER
STL.	STEEL
STRUCT.	STRUCTURAL
SW	SHORT WAY
SYM.	SYMMETRICAL
T/	TOP OF
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W.P.	WORK POINT
W.W.F.	WELDED WIRE FABRIC
W/	WITH

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PERMIT SET	09/25/18

ARCH. PROJECT #	BBB PROJECT #
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DRAWING TITLE:
GENERAL NOTES

S1.0

0 1/2" 1" 2" 3" 4" 5"

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