GENERAL STRUCTURAL NOTES (CONT.):

K. PRE-ENGINEERED METAL BUILDING SYSTEMS:

1. METAL BUILDING SYSTEMS FOR THIS PROJECT SHALL BE DESIGNED IN ACCORDANCE WITH THE METAL BUILDING MANUFACTURER'S ASSOCIATION (MBMA) "DESIGN PRACTICES MANUAL," IBC 2018, AND THE LOADS SHOWN IN NOTE A.10 ON SHEET S-001. WHERE THERE IS A DISCREPANCY IN DESIGN LOAD REQUIREMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA FOR THE DESIGN OF THE METAL BUILDING SYSTEMS, INCLUDING DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE.
3. THE METAL BUILDING FOUNDATIONS HAVE BEEN DESIGNED FOR THE MAXIMUM COLUMN LOADS SHOWN ON SHEET S-007. IF THE BUILDING SYSTEM PROVIDED HAS GREATER COLUMN LOADS, THE CONTRACTOR SHALL REDESIGN AND INSTALL MODIFIED FOUNDATIONS AT NO ADDITIONAL CHARGE TO THE OWNER. THE REDESIGN SHALL BE PREFORMED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA.
4. STEEL FRAMING SHALL BE FABRICATED AND ERECTED TO BE ELECTRICALLY CONTINUOUS FOR LIGHTNING PROTECTION.
5. THE CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS OF CONCRETE FOUNDATIONS AND CASTING OF ANCHOR-ROD INTO THE FOUNDATION.
6. PROVIDE A COMPLETE, INTEGRATED SET OF MUTUALLY DEPENDENT COMPONENTS AND ASSEMBLIES THAT FORM A METAL BUILDING SYSTEM CAPABLE OF WITHSTANDING REQUIRED STRUCTURAL LOADS, THERMALLY INDUCED MOVEMENT, AND EXPOSE TO WEATHER WITHOUT FAILING.
7. PRIMARY-FRAME TYPE SHALL CONSIST OF RIGID, SOLID-MEMBERS.
8. ALL STRUCTURAL STEEL SHALL COMPLY WITH AISC 360, "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS."
9. ALL BOLTED CONNECTIONS SHALL COMPLY WITH RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS."
10. ALL COLD-FORMED STEEL SHALL COMPLY WITH AISI'S "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
11. DO NOT FIELD CUT, DRILL, OR ALTER THE STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM METAL BUILDING SYSTEM MANUFACTURER'S PROFESSIONAL ENGINEER.
12. SET STRUCTURAL FRAMING ACCURATELY IN LOCATIONS AND TO ELEVATIONS INDICATED, ACCORDING TO AISC SPECIFICATIONS. MAINTAIN STRUCTURAL STABILITY OF FRAMES DURING ERECTION.
13. CLEAN CONCRETE BEARING SURFACES AND BOTTOM OF BASE PLATE BEFORE ERECTING COLUMNS.
14. SET BASE PLATES WITH LEVELING NUTS AND TIGHTEN ANCHOR ROD NUTS AFTER SUPPORTED COLUMNS HAVE BEEN POSITIONED AND PLUMBED. PROMPTLY PACK GROUT SOLIDLY BETWEEN BEARING SURFACE AND PLATES SO NO VOIDS REMAIN. NEATLY FINISH EXPOSED SURFACES, PROTECT GROUT, AND ALLOW TO CURE. COMPLY WITH ALL MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR NON-SHRINK GROUT.
15. ALL ERECTION TOLERANCES SPECIFIED IN AISC 303 SHALL BE MAINTAINED.
16. ANY DESIGN DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER-OF-RECORD.

L. SPECIAL INSPECTIONS:

1. QUALIFIED SPECIAL INSPECTORS SHALL BE RETAINED TO PERFORM INSPECTIONS REQUIRED BY THE BUILDING CODE. SEE SHEET S-004 FOR THE SPECIAL INSPECTIONS SCHEDULES.
2. ANY FIELD OBSERVATIONS OR OTHER WORK PROGRESS REVIEW PERFORMED BY THE STRUCTURAL ENGINEER SHALL NOT BE CONSTRUED AS A SPECIAL INSPECTION.

ABBREVIATION KEY

@	AT	LLV	LONG LEG VERTICAL
ARCH.	ARCHITECTURAL	MAX.	MAXIMUM
B/	BOTTOM OF	MECH.	MECHANICAL
BLDG.	BUILDING	MFR.	MANUFACTURER
BM	BEAM	MIN.	MINIMUM
C.L.	CENTERLINE	mph	MILES PER HOUR
CJ	CONTROL JOINT	N/A	NOT APPLICABLE
CLR.	CLEAR	N.T.S.	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	O.C.	ON CENTER
COL.	COLUMN	OPP.	OPPOSITE
CONT.	CONTINUOUS	PEMB	PRE-ENGINEERED METAL BUILDING SYSTEM
DEG.	DEGREE	PL.	PLATE
DIA.	DIAMETER	PJF	PRE-MOLDED JOINT FILLER
DWG.	DRAWING	psf	POUNDS PER SQUARE FOOT
ELEC.	ELECTRICAL	psi	POUNDS PER SQUARE INCH
ELEV.	ELEVATION	REINF.	REINFORCEMENT
E.O.R.	ENGINEER OF RECORD	REQ'D	REQUIRED
E.O.S.	EDGE OF SLAB	SIM.	SIMILAR
EQ.	EQUAL	SQ.	SQUARE
E.W.	EACH WAY	STD.	STANDARD
EXIST.	EXISTING	T&B	TOP AND BOTTOM
GALV.	GALVANIZED	T/	TOP OF
HOR.	HORIZONTAL	TYP.	TYPICAL
HSS	HOLLOW STRUCTURAL SECTION	U.N.O.	UNLESS NOTED OTHERWISE
IN.	INCH	VERT.	VERTICAL
INT.	INTERIOR	w/	WITH
K	KIPS	W/C	WATER TO CEMENT
ksi	1,000 POUNDS PER SQUARE INCH	W.P.	WORKING POINT
lb	POUNDS	WWR	WELDED WIRE REINFORCEMENT
LLH	LONG LEG HORIZONTAL		

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CHECKED BY: BK
SUBMITTED BY: EL
ISSUED FOR CONSTRUCTION 13-07-2020

MARK	DESCRIPTION	DATE

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PER MTA 400.10.140 OBTAINED FROM THE BUILDING OWNER'S REPRESENTATIVE MANAGER AND THE OFFICE

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GENERAL STRUCTURAL NOTES

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S-003

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