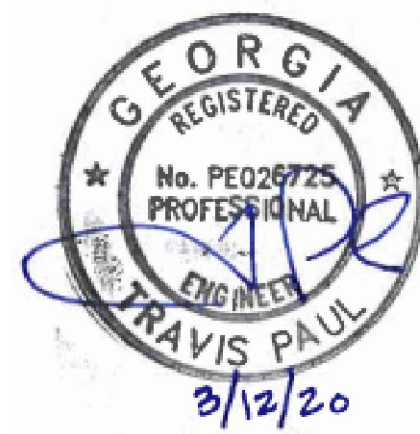


3/12/20



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ACI	AMERICAN CONCRETE INSTITUTE	K	KIPS (KILOPOUNDS)
ADDL	ADDITIONAL	KLF	KIPS PER LINEAL FOOT
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL	KSI	KIPS PER SQUARE INCH
AFB	ABOVE FINISHED FLOOR	KSF	KIPS PER SQUARE FOOT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	L	LENGTH
AISI	AMERICAN IRON AND STEEL INSTITUTE	LHF	LONG FACE HORIZONTAL
ALTN	ALTERNATE	LFV	LONG FACE VERTICAL
AR	ANCHOR ROD	LG	LONG
ARCH	ARCHITECT	LL	LIVE LOAD
ASD	ALLOWABLE STRESS DESIGN	LLH	LONG LEG HORIZONTAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	LLV	LONG LEG VERTICAL
AWS	AMERICAN WELDING SOCIETY	LO	LOW
B/	BOTTOM OF	LOCs	LOCATIONS
BD	BOARD	LRFD	LOAD RESISTANCE FACTORED DESIGN
BETW	BETWEEN	LSH	LONG SIDE HORIZONTAL
BLDG	BUILDING	LSV	LONG SIDE VERTICAL
BM	BEAM	LW	LONG WAY
BOT	BOTTOM	LWC	LIGHT WEIGHT CONCRETE
BP	BASE PLATE	MAX	MAXIMUM
BRDG	BRIDGING	MEP	MECHANICAL, ELECTRICAL & PLUMBING
BRG	BEARING	MEZZ	MEZZANINE
C/C	CENTER-CENTER	MFR	MANUFACTURER
CFSF	COLD FORMED STEEL FRAMING	MIN	MINIMUM
CJ	CONTROL JOINT	MISC	MISCELLANEOUS
CL	CENTERLINE	MPPI	MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS
CLR	CLEAR	MTL	METAL
CMU	CONCRETE MASONRY UNIT	NIC	NOT IN CONTRACT
COL	COLUMN	NS	NEAR SIDE
CONC	CONCRETE	NTS	NOT TO SCALE
CONN	CONNECTION	OC	ON CENTER
CONT	CONTINUOUS	OD	OUTSIDE DIAMETER
CTR	CENTER	OH	OPPOSITE HAND
D&E	DRILL & EPOXY	OPNG	OPENING
DB	DEEP	PAF	POWDER ACTUATED FASTENERS
DBA	DEFORMED BAR ANCHOR	PEMB	PRE-ENGINEERED METAL BUILDING
DBL	DOUBLE	PIF	PREFORMED JOINT FILLER
DEP	DEPRESSED	PL	PLATE
DIA	DIAMETER	PLF	POUNDS PER LINEAL FOOT
DIAL	DIAGONAL	PPHC	PRESTRESSED PRECAST HOLLOW CORE CONCRETE
DL	DEAD LOAD	PREFAB	PRE-FABRICATED
DWL	DOWEL	PSI	POUNDS PER SQUARE INCH
EA	EACH	PSF	POUNDS PER SQUARE FOOT
E	EACH FACE	PT	POST TENSIONED
EJ	EXPANSION JOINT	P.T.	PRESSURE TREATED
ELEV	ELEVATION	QTY	QUANTITY
ENG	ENGINEER OR ENGINEERING	RAD	RADIUS
EOS	EDGE OF SLAB	RD	ROOF DRAIN
EQ	EQUAL	REF	REFERENCE
EW	EACH WAY	REFR	REINFORCED
EXIST	EXISTING	REQD	REQUIRED
EXP	EXPANSION	REV	REVISION
EXT	EXTERIOR	RTU	ROOF TOP UNIT
F/	FACE OF	SCHED	SCHEDULE
FD	FLOOR DRAIN	SER	STRUCTURAL ENGINEER OF RECORD
FDN	FOUNDATION	SF	SQUARE FOOT
FF	FINISH FLOOR	SHTHG	SHOEING
FRT	FIRE RETARDANT TIMBER	SIM	SIMILAR
FS	FAR SIDE	SLH	SHORT LEG HORIZONTAL
FTG	FOOTING	SLV	SHORT LEG VERTICAL
FA	FIELD VERIFY	SPA	SPACES
GV	GAUGE, GAGE	SPEC	SPECIFICATION
GALV	GALVANIZED	SS	STAINLESS STEEL
GC	GENERAL CONTRACTOR	STD	STANDARD
GDR	GIRDER	STIFF	STIFFENER
GENDL	GENERAL	STL	STEEL
GYP	GYPSUM	SW	SHORT WAY
HCA	HEADED CONCRETE ANCHORS	SYM	SYMMETRICAL
HDR	HEADER	T/	TOP OF
HG	HIP GIRDER	T&B	TOP & BOTTOM
HGR	HANGER	T&G	TONGUE & GROOVE
HI	HIGH	TEMP	TEMPORARY
HKD	HOOKE <td>TG</td> <td>TRUSS GIRDER</td>	TG	TRUSS GIRDER
HORIZ	HORIZONTAL	THK	THICKENED or THICK
HSS	HOLLOW STRUCTURAL SECTION	THRU	THROUGH
H.T.	HEAVY TIMBER	TYP	TYPICAL
ID	INSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
IE	INVERT ELEVATION	VERT	VERTICAL
INSUL	INSULATION OR INSULATING	WIDE	WIDE
INT	INTERIOR	W/	WITH
JST	JOIST	W/O	WITHOUT
JT	JOINT	WO	WOOD
		WP	WORK POINT
		WWR	WELDED WIRE REINFORCEMENT

PROVIDE TEMPORARY SHORES, GUYS, BRACES, AND OTHER SUPPORTS DURING ERECTION TO KEEP STRUCTURAL STEEL SECURE, PLUMB, AND IN ALIGNMENT AGAINST TEMPORARY CONSTRUCTION LOADS AND LOADS EQUAL, IN INTENSITY TO DESIGN LOADS. REMOVE ALL TEMPORARY SUPPORTS WHEN STRUCTURE IS COMPLETE. TEMPORARY CONNECTIONS, BRACING, AND DIAPHRAGMS ARE IN PLACE UNLESS OTHERWISE INDICATED.

U. SET STRUCTURAL STEEL ACCURATELY IN LOCATIONS AND TO ELEVATIONS INDICATED AND

V. BASE PLATES: CLEAN CONCRETE- AND MASONRY-BEARING SURFACES OF BOND-REDUCING MATERIALS, AND ROUGHEN SURFACES PRIOR TO SETTING PLATES. CLEAN BOTTOM SURFACE OF PLATES. SET PLATE FOR STRUCTURAL MEMBERS ON WEDGES, SHIMS, OR SETTING NUTS. WEDGES, SHIMS, OR PLATES TO BE USED TO BASE PLATE WHERE NOTED AS REQUIRED FOR CONSTRUCTION DRAWINGS. SNUG-TIGHTEN ANCHOR RODS AFTER SUPPORTED MEMBERS ARE POSITIONED AND PLUMB. DO NOT OVER-TIGHTEN ANCHOR RODS. SHIMS SHOULD PROTRUDE, CUT OFF FLUSH WITH EDGE OF PLATE BEFORE PACKING WITH GROUT. PROPERLY PACK GROUT SOLIDLY BETWEEN BEARING SURFACES AND PLATES SO NO VOID SPACE REMAINS. DO NOT OVER-TIGHTEN ANCHOR RODS TO THE POINT OF CURVE. COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR SHRINKAGE-RESISTANT GROUTS.

W. MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL WITHIN AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."

X. ALIGN AND ADJUST VARIOUS MEMBERS THAT FORM PART OF COMPLETE FRAME OR STRUCTURE BEFORE PERMANENTLY FASTENING. BEFORE ASSEMBLY, CLEAN BEARING SURFACES OF ALL MEMBERS. AFTER ASSEMBLY, CHECK ALL MEMBERS FOR PLUMB. PERFORM NECESSARY ADJUSTMENTS TO COMPENSATE FOR DISCREPANCIES IN ELEVATIONS AND ALIGNMENT. LEVEL AND PLUMB INDIVIDUAL MEMBERS OF STRUCTURE. MAKE NECESSARY ADJUSTMENTS FOR CORRECTION OF CURVATURE, TWIST, OR TIMING OF ERECTION AND MEAN TEMPERATURE WHEN STRUCTURE IS COMPLETE AND IN SERVICE.

Y. SET MEMBERS ONLY WHERE INDICATED.

Z. DO NOT USE THERMAL CUTTING DURING ERECTION.

AA. EXCEPT WHERE NOTED OTHERWISE, ALL BURNING OR CUTTING USING PINS, REM. HOLS THAT MUST BE ENLARGED TO ADMIT BOLTS.

BB. SHEAR CONNECTIONS: PREPARE STEEL SURFACES AS RECOMMENDED BY MANUFACTURER OF CONNECTIONS. PREPARE STEEL SURFACES AND CONNECTIONS USING CONNECTIONS ACCORDING TO AWS D1.1/D1.1M AND MANUFACTURER'S WRITTEN INSTRUCTIONS.

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