

ABBREVIATIONS:

#	INCH	FRM	FRAMED, FRAMING
&	NUMBER, POUND AND FEET	FRT	FIRE RETARDANT TREATED
(E)	EXISTING	FT	FOOT, FEET
(N)	NEW	FTG	FOOTING
@	AT	FUT	FUTURE
		Fy	YIELD STRESS
GA	GAUGE		
AL=	AXIAL FORCE	GB	GALVANIZED
ANCHOR BOLT		GB	GRADE BEAM
ABV	ABOVE	GC	GENERAL CONTRACTOR
ACI	AMERICAN CONCRETE INSTITUTE	GEN	GENERAL
ADD	ADDENDUM, ADDITION	GL	GLU-LAMINATED
ADJ	ADJUST, ADJUSTABLE	GLB	GLU-LAMINATED BEAM
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	GND	GROUND
AFF	ABOVE FINISHED FLOOR	GR	GRADE
ALT	ALTERNATE	GYP	GYP SUM
ALUM	ALUMINUM	GYP BD	GYP SUM BOARD
APPROX	APPROXIMATE		
ARCH	ARCHITECTURAL	HAS	HEADED ANCHOR STUD
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	HC	HOLLOW CORE
AVG	AVERAGE	HCP	HOLLOW CORE PLANK
AWS	AMERICAN WELDING SOCIETY	HDR	HEADER
		HEX	HEXAGONAL
B/	BOTTOM OF	HI	HIGH
BW	BETWEEN	HM	HOLLOW METAL
BALC	BALCONY	HORIZ	HORIZONTAL
BD	BOARD	HSS	HOLLOW STRUCTURAL SECTION
BEV	BEVEL	HT	HEIGHT
BKR	BACKER	HVAC	HEATING - VENTILATION - AIR CONDITIONING
BLDG	BUILDING		
BLK	BLOCK	IBC	INTERNATIONAL BUILDING CODE
BLKG	BLOCKING	ICF	INSULATED CONCRETE FORMS
BM	BEAM	ID	INSIDE DIAMETER
BOC	BOTTOM OF CURB	IJ	ISOLATION JOINT
BOT/BTM	BOTTOM	IN	INCH, INCHES
BOW	BOTTOM OF WALL	INFO	INFORMATION
BP	BASEPLATE	INSP	INSPECTION
BRDG	BRIDGE, BRIDGING	INSUL	INSULATION
BRG	BEARING	INT	INTERIOR
BRK	BRICK	INV	INVERT
BSMT	BASEMENT		
BU	BUILT-UP	JT	JOINT, JOINTS
C	CHANNEL	k	KILOPOUND (1000 POUNDS)
C=	COMPRESSION FORCE	K-FT	KIP-FOOT (1000 POUND - FEET)
CEM	CEMENT, CEMENTITIOUS	KIP	KILOPOUND (1000 POUNDS)
CGS	CENTER OF GRAVITY OF STRAND		
CIP	CAST IN PLACE	L	ANGLE, LEFT, LENGTH
CJ	CONTROL JOINT	LAM	LAMINATE, LAMINATED
CJP	COMPLETE JOINT PENETRATION	LAT	LATERAL
CL	CENTER LINE	LB	POUND
CLG	CEILING	LF	LINEAL FEET, LINEAR FOOTAGE
CLR	CLEAR	LG	LONG
CMU	CONCRETE MASONRY UNIT	LIN	LINEAR
COL	COLUMN	LIN FT	LINEAL FEET, LINEAR FOOTAGE
COMP	COMPOSITE, COMPENSATION	LL	LIVE LOAD
CONC	CONCRETE	LLH	LONG LEG HORIZONTAL
COND	CONDITION	LLV	LONG LEG VERTICAL
CONN	CONNECTION	LNTL	LINTEL
CONSTR	CONSTRUCTION	LONG	LONGITUDINAL
CONT	CONTINUOUS	LS	LONG SLOTTED
COORD	COORDINATE	LSH	LONG SIDE HORIZONTAL
CORR	CORRIDOR	LSL	LAMINATED STRAND LUMBER
CTR	CENTER	LSV	LONG SIDE VERTICAL
CTRL	CONTROL	LT WT	LIGHT WEIGHT
CTSK	COUNTERSINK	LVL	LAMINATED VENEER LUMBER
CU	CUBIC		
CUST	CUSTOM	MAX	MAXIMUM
CY	CUBIC YARD	MB	MACHINE BOLT
		MC	MISCELLANEOUS CHANNEL
DBA	DEFORMED BAR ANCHOR	MCJ	MASONRY CONTROL JOINT
DBL	DOUBLE	MECH	MECHANICAL
DEFL	DEFLECTION	MEMB	MEMBRANE
DEG	DEGREE	MEP	MECHANICAL, ELECTRICAL, PLUMBING
DEMO	DEMOLITION	MEZZ	MEZZANINE
DEPT	DEPARTMENT	MFR	MANUFACTURER
DET	DETAIL	MIN	MINIMUM
DIA - Ø	DIAMETER	MISC	MISCELLANEOUS
DIAG	DIAGONAL	MO	MASONRY OPENING
DIM	DIMENSION	MTL	METAL
DKG	DECKING	MTL	METAL
DL	DEAD LOAD	MUL	MULLION
DWG	DRAWING		
DWGS	DRAWINGS	N	NORTH
DWL	DOWEL	NIC	NOT IN CONTRACT
		NO	NUMBER
EA	EACH	NOM	NOMINAL
EF	EACH FACE	NTS	NOT TO SCALE
EIFS	EXTERIOR INSULATED FINISH SYSTEM	NW	NORMAL WEIGHT
EJ	EXPANSION JOINT		
EL	ELEVATION	OC	ON CENTER
ELEC	ELECTRICAL	OD	OUTSIDE DIAMETER
ELEV	ELEVATOR	OPNG	OPENING
ENGR	ENGINEER	OPP	OPPOSITE
EOD	EDGE OF DECK	OSB	ORIENTED STRAND BOARD
EOP	EDGE OF PLATE	OWSJ	OPEN WEB STEEL JOIST
EOR	ENGINEER OF RECORD		
EOS	EDGE OF SLAB	P/L	PROPERTY LINE
EQ	EQUAL	PAF	POWDER ACTUATED FASTENER
EQPT	EQUIP	PC	PRECAST
ES	EACH SIDE	PCF	POUNDS PER CUBIC FOOT
EW	EACH WAY	Pd	DRIFTED SNOW LOAD
EXIST	EXISTING	PE	PROFESSIONAL ENGINEER
EXP	EXPANSION	PEMB	PRE ENGINEERED METAL BUILDING
EXT	EXTERIOR	PERF	PERFORATE, PERFORATED, PERFORMANCE
		PERIM	PERIMETER
F TO F	FACE TO FACE	PERP	PERPENDICULAR
Fc	CONCRETE COMPRESSIVE STRENGTH	PI	FLAT ROOF SNOW LOAD
FAB	FABRICATIONS/FABRICATED	PJP	PARTIAL JOINT PENETRATION
FB	FLAT BAR	PL	PLATE
FD	FLOOR DRAIN	PLF	POUNDS PER LINIER FOOT
FF	FINISH FLOOR	PLWD	PLYWOOD
FFE	FINISH FLOOR ELEVATION	PMEJ	PREMOLDED EXPANSION JOINT
FIN	FINISH	PMF	PREMOLDED FILLER
FLR	FLOOR	PNL	PANEL
FNDN	FOUNDATION	PREFAB	PREFABRICATED
FOC	FACE OF CONCRETE	PREFIN	PREFINISHED
FOF	FACE OF FINISH	Ps	SLOPED ROOF SNOW LOAD
FOM	FACE OF MASONRY	PSF	POUNDS PER SQUARE FOOT
FOS	FACE OF STUD	PSI	POUNDS PER SQUARE INCH
FR	FIRE RATED, FIRE RESISTIVE	PSL	PARALLEL STRAND LUMBER

PT	PRESSURE TREATED	PTD	PAINTED
QTY	QUANTITY		
R	RISER		
R=	BEAM END SHEAR REACTION		
RAD	RADIUS		
RCP	REFLECTED CEILING PLAN		
RD	ROOF DRAIN		
REF	REFER - REFERENCE		
REIN	REINFORCING		
REQ'D	REQUIRED		
REV	REVISION		
RO	ROUGH OPENING		
		SCHED	SCHEDULE
		SCL	STRUCTURAL COMPOSITE LUMBER
		SE	STRUCTURAL ENGINEER
		SECT	SECTION
		SF	SQUARE FEET
		SGL	SINGLE
		SHT	SHEET
		SHTG	SHEATHING
		SIM	SIMILAR
		SIMP	SIMPSON STRONG TIE
		SL	SNOIW LOAD
		SOG	SLAB ON GRADE
		SPEC	SPECIFICATIONS
		SQ	SQUARE
		SS	STAINLESS STEEL
		STD	STANDARD
		STL	STEEL
		STRUCT	STRUCTURAL
		SUSP	SUSPENDED
		SYS	SYSTEM
T	TREAD		
T&B	TOP AND BOTTOM		
T&G	TONGUE AND GROOVE		
T/	TOP OF		
T=	TENSION FORCE		
TAN	TANGENT		
THK	THICK		
THRD	THREADED		
TOB	TOP OF BEAM		
TOC	TOP OF COLUMN, TOP OF CURB, TOP OF CONCRETE		
TOF	TOP OF FOOTING		
TOJ	TOP OF JOIST		
TOI	TOP OF LINTEL, LANDING		
TOL	TOLERANCE		
TOP	TOP OF PIER, TOP OF PLATE		
TOPV	TOP OF PAVEMENT		
TOS	TOP OF STEEL, TOP OF SLAB		
TOW	TOP OF WALL		
TRANS	TRANSVERSE		
TRANSL	TRANSLUCENT		
TYP	TYPICAL		
		UNO	UNLESS NOTED OTHERWISE
		UTIL	UTILITY
VERT	VERTICAL		
VFY	VERIFY		
VIF	VERIFY IN FIELD		
W	SNOW DRIFT WIDTH		
W/	WITH		
W/O	WITHOUT		
WCJ	WALL CONTRACTION JOINT		
WD	WOOD		
WF	WIDE FLANGE		
WP	WORK POINT		
WR	WATER RESISTANT, WATER RESISTIVE		
WS	WATERSTOP		
WT	WEIGHT		
WWF	WELDED WIRE FABRIC		

GA	GAUGE		
GALV	GALVANIZED		
GB	GRADE BEAM		
GC	GENERAL CONTRACTOR		
GEN	GENERAL		
GL	GLU-LAMINATED		
GLB	GLU-LAMINATED BEAM		
GND	GROUND		
GR	GRADE		
GYP	GYP SUM		
GYP BD	GYP SUM BOARD		
		HAS	HEADED ANCHOR STUD
		HC	HOLLOW CORE
		HCP	HOLLOW CORE PLANK
		HDR	HEADER
		HEX	HEXAGONAL
		HI	HIGH
		HM	HOLLOW METAL
		HORIZ	HORIZONTAL
		HSS	HOLLOW STRUCTURAL SECTION
		HT	HEIGHT
		HVAC	HEATING - VENTILATION - AIR CONDITIONING
		IBC	INTERNATIONAL BUILDING CODE
		ICF	INSULATED CONCRETE FORMS
		ID	INSIDE DIAMETER
		IJ	ISOLATION JOINT
		IN	INCH, INCHES
		INFO	INFORMATION
		INSP	INSPECTION
		INSUL	INSULATION
		INT	INTERIOR
		INV	INVERT
		JT	JOINT, JOINTS
		k	KILOPOUND (1000 POUNDS)
		K-FT	KIP-FOOT (1000 POUND - FEET)
		KIP	KILOPOUND (1000 POUNDS)
		L	ANGLE, LEFT, LENGTH
		LAM	LAMINATE, LAMINATED
		LAT	LATERAL
		LB	POUND
		LF	LINEAL FEET, LINEAR FOOTAGE
		LG	LONG
		LIN	LINEAR
		LIN FT	LINEAL FEET, LINEAR FOOTAGE
		LL	LIVE LOAD
		LLH	LONG LEG HORIZONTAL
		LLV	LONG LEG VERTICAL
		LNTL	LINTEL
		LONG	LONGITUDINAL
		LS	LONG SLOTTED
		LSH	LONG SIDE HORIZONTAL
		LSL	LAMINATED STRAND LUMBER
		LSV	LONG SIDE VERTICAL
		LT WT	LIGHT WEIGHT
		LVL	LAMINATED VENEER LUMBER
		MAX	MAXIMUM
		MB	MACHINE BOLT
		MC	MISCELLANEOUS CHANNEL
		MCJ	MASONRY CONTROL JOINT
		MECH	MECHANICAL
		MEMB	MEMBRANE
		MEP	MECHANICAL, ELECTRICAL, PLUMBING
		MEZZ	MEZZANINE
		MFR	MANUFACTURER
		MIN	MINIMUM
		MISC	MISCELLANEOUS
		MO	MASONRY OPENING
		MTL	METAL
		MTL	METAL
		MUL	MULLION
		N	NORTH
		NIC	NOT IN CONTRACT
		NO	NUMBER
		NOM	NOMINAL
		NTS	NOT TO SCALE
		NW	NORMAL WEIGHT
		OC	ON CENTER
		OD	OUTSIDE DIAMETER
		OPNG	OPENING
		OPP	OPPOSITE
		OSB	ORIENTED STRAND BOARD
		OWSJ	OPEN WEB STEEL JOIST
		P/L	PROPERTY LINE
		PAF	POWDER ACTUATED FASTENER
		PC	PRECAST
		PCF	POUNDS PER CUBIC FOOT
		Pd	DRIFTED SNOW LOAD
		PE	PROFESSIONAL ENGINEER
		PEMB	PRE ENGINEERED METAL BUILDING
		PERF	PERFORATE, PERFORATED, PERFORMANCE
		PERIM	PERIMETER
		PERP	PERPENDICULAR
		PI	FLAT ROOF SNOW LOAD
		PJP	PARTIAL JOINT PENETRATION
		PL	PLATE
		PLF	POUNDS PER LINIER FOOT
		PLWD	PLYWOOD
		PMEJ	PREMOLDED EXPANSION JOINT
		PMF	PREMOLDED FILLER
		PNL	PANEL
		PREFAB	PREFABRICATED
		PREFIN	PREFINISHED
		Ps	SLOPED ROOF SNOW LOAD
		PSF	POUNDS PER SQUARE FOOT
		PSI	POUNDS PER SQUARE INCH
		PSL	PARALLEL STRAND LUMBER

PROJECT DESCRIPTION:

- TWO STORY FIRE DEPARTMENT
 - STEEL TRUSSES
 - LOAD-BEARING MASONRY WALLS
 - COMPOSITE STEEL AND CONCRETE DECK AT MEZZANINE
 - CONVENTIONAL REINFORCED CONCRETE FOUNDATIONS

GENERAL:

- THE STRUCTURAL DRAWINGS ARE A PORTION OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, AND ELECTRICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS FROM THE ENTIRE SET OF CONTRACT DOCUMENTS (INCLUDING THE PROJECT SPECIFICATIONS) INTO THEIR WORK.
- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS.
- VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS.
- DETAILS ON THESE PLANS ARE INTENDED TO DEPICT THE GENERAL CONSTRUCTION METHODS FOR THIS STRUCTURE. CONNECTIONS, DETAILS, AND CONDITIONS NOT SPECIFICALLY SHOWN THAT ARE SIMILAR TO THOSE THAT ARE SPECIFIED SHALL BE ASSUMED ONE AND THE SAME. IF QUESTIONS REGARDING THE APPLICATION OF DETAILS ARE ENCOUNTERED, NOTIFY THE ARCHITECT/ENGINEER FOR CLARIFICATION IN A TIMELY MANNER PRIOR TO BID OPENING.

CODE REQUIREMENTS:

- CONFORM TO 2018 INTERNATIONAL BUILDING CODE AS ADOPTED W/ AMMENDMENTS BY THE 2020 NYS BUILDING CODE.
- ALL REFERENCE TO OTHER CODES AND STANDARDS (ACI, ASCE, ASTM, ETC.) SHALL BE FOR THE EDITIONS LISTED IN CHAPTER 35 OF THE IBC.

TEMPORARY CONDITIONS:

- THE STRUCTURE HAS BEEN DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT REQUIRED AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
- CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

DESIGN CRITERIA:

- DESIGN WAS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE IBC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS AND ALLOWANCES W