GENERAL NOTES :

I - CODES

1. THE 2020 BUILDING CODE OF NEW YORK STATE BASED ON THE 2018 INTERNATIONAL BUILDING CODE.
2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN" AISC 360-10 ("AISC").
3. AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318-14 ("ACI")
4. AMERICAN IRON AND STEEL INSTITUTE "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", AISI S100-12 ("AISI")

II - MATERIALS

UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS:

1.	STRUCTURAL STEEL: ALL ROLLED SHAPES: ALL CHANNELS, PLATES AND CONNECTION MATERIAL: ALL TUBULAR SECTIONS: ALL PIPE SECTIONS: ANCHOR BOLTS, U.O.N.:	 ASTM A572 OR A992, GRADE 50 ASTM A36, OR A572, GRADE 50 ASTM A500, GRADE C ASTM A53, GRADE B ASTM F1554|
2.	WELDING ELECTRODES:	E70XX LOW HYDROGEN.
3.	BOLTING MATERIALS:	ASTM A325 OR F1852 (TWIST-OFF TYPE), OR A490, OR F2280 (TWIST-OFF TYPE), U.O.N.
4.	LIGHT GAGE FRAMING:	ASTM A653 GRADE 50 FOR 16 GAGE AND HEAVIER GRADE 33 FOR 18 GAGE AND LIGHTER G60 GALVANIZING, TYP

III - GENERAL

1. NOTES, TYPICAL DETAILS AND SCHEDULES APPLY TO ALL STRUCTURAL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF A SIMILAR NATURE. VERIFY APPLICABILITY BY SUBMITTING SHOP DRAWINGS FOR REVIEW.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS, ARCHITECTURAL AND MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO PERFORMING WORK.
3. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.
4. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WATER/DAMPPROOFING AND FIREPROOFING DETAILS AND REQUIREMENTS.
5. DO NOT CUT OR ALTER ANY EXISTING STRUCTURAL MEMBERS WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER.
6. THESE DRAWINGS DO NOT DEFINE SCOPE OF CONTRACTS. SEE CONSTRUCTION MANAGER'S DOCUMENTS.
7. ONSTRUCTION MANAGER SHALL COORDINATE THE WORK AND SEQUENCE OF VARIOUS TRADES.
8. SHOP DRAWINGS SHALL BE SUBMITTED, FOR ITEMS NOTED HEREIN, TO THE ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO THE START OF WORK ON SUCH ITEMS. RESUBMITTED SHOP DRAWINGS SHALL HAVE ALL CHANGES CLOUDED AND IDENTIFIED. DRAWING RESUBMITTED WITHOUT CLOUDS WILL NOT BE REVIEWED.
9. DEVIATIONS FROM CONTRACT DOCUMENTS ARE ONLY PERMITTED WHEN ACCEPTED BY ENGINEER IN WRITING. REQUESTS FOR DEVIATIONS MUST BE SUBMITTED IN WRITING ON CONTRACTOR'S LETTERHEAD. ACCEPTANCE OF SHOP DRAWINGS WHICH INCLUDE DEVIATIONS NOT DETECTED DURING REVIEW DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY TO CONFORM STRICTLY TO THE CONTRACT DOCUMENTS.
10. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECT'S OR ENGINEER'S PRESENCE OR REVIEW OF WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION.
11. SHORING, BRACING AND PROTECTION OF EXISTING AND ADJACENT STRUCTURES DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PROTECT AND MAINTAIN THE INTEGRITY OF ADJACENT STREETS, BUILDINGS AND STRUCTURES.
12. ALL EXISTING DIMENSIONS AND LOCATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY FIELD MEASUREMENTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
13. DRAWINGS HAVE BEEN PREPARED BASED ON AVAILABLE KNOWLEDGE OF EXISTING CONDITIONS. IF, DURING DEMOLITION, EXCAVATION OR CONSTRUCTION, ACTUAL CONDITIONS ARE DISCOVERED TO DIFFER FROM THOSE INDICATED ON DRAWINGS, ENGINEER SHALL BE NOTIFIED. PRIOR TO PREPARATION OF SHOP DRAWINGS, CONTRACTOR SHALL VERIFY AND/OR DETERMINE SIZE, LOCATION, CONFIGURATION, ETC. OF EXISTING STRUCTURE EVERY PLACE WHERE NEW WORK IS TO ABUT, ATTACH, CLEAR, ETC. NOTIFY ENGINEER IN WRITING OF ANY AND ALL CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON DRAWINGS.
14. REUSE OF SALVAGED MATERIALS IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY ENGINEER IN WRITING.

IV - STEEL NOTES

1. ALL STEEL WORK, INCLUDING STRUCTURAL STEEL SHOWN ON ARCHITECTURAL AND MECHANICAL DRAWINGS, SHALL COMPLY WITH THE "AISC SPECIFICATION".
2. FOR FIREPROOFING REQUIREMENTS AND ASSEMBLIES SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. SHOP DRAWINGS, PREPARED IN ACCORDANCE WITH AISC "DETAILING FOR STEEL CONSTRUCTION" UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF CONNECTICUT, SHALL BE SUBMITTED FOR ALL STRUCTURAL STEEL WORK.
4. BOLTED CONNECTIONS: BOLTS ARE TO BE A325 OR A490 SLIP CRITICAL, CLASS A. MINIMUM DIAMETER OF ALL BOLTS SHALL BE 3/4", MAX. DIA. 1-1/8". PROVIDE AT LEAST 2 BOLTS PER CONNECTION.
5. COPED OR CUT ENDS OF MEMBERS SHALL BE REINFORCED WHERE REQUIRED TO SUSTAIN THE SPECIFIED REACTIONS.
6. UNLESS OTHERWISE SHOWN ON DRAWINGS, SIZE OF WELDS SHALL NOT BE SMALLER THAN 1/4".
7. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST, ALL ADDITIONAL STEEL, CONNECTIONS, GUYING, ETC. REQUIRED FOR ERECTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE STABILITY AND SAFETY OF THE WORK DURING CONSTRUCTION.
8. UNLESS SPECIFICALLY NOTED, STEEL DETAILS SHOWN ON THE DRAWINGS ARE FOR CONCEPT ONLY AND DO NOT INDICATE REQUIRED NUMBER OF BOLTS, SIZE OF WELDS, ETC.
9. MEMBERS MAY ONLY BE SPLICED WHERE SPECIFICALLY DETAILED ON ACCEPTED SHOP DRAWINGS.
10. FIELD CUTTING OF STRUCTURAL STEEL IS NOT PERMITTED EXCEPT WHERE ACCEPTED BY THE ENGINEER IN REVIEW OF DRAWINGS SUBMITTED BY CONTRACTOR. CUTTING OR ENLARGEMENT OF BOLT HOLES WITH TORCHES IS STRICTLY PROHIBITED.
11. BOLTS, NUTS AND WASHERS FOR STEEL PERMANENTLY EXPOSED TO WEATHER SHALL BE GALVANIZED, SEE SPECIFICATIONS.
12. ALL HSS TUBES AND PIPES SHALL BE COMPLETELY SEALED WITH CAP PLATES.
13. WELDERS SHALL BE CERTIFIED BY THE BUILDING DEPARTMENT AND/OR AWS AS REQUIRED. SLAG SHALL BE REMOVED FROM ALL WELDS FOR INSPECTION.
14. OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING. PRECISE MEASUREMENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. STEEL DETAILER TO VISIT THE JOB SITE AS MANY TIMES AS NECESSARY TO FAMILIARIZE HIMSELF WITH THE EXISTING FIELD CONDITIONS AND OBTAIN ALL NECESSARY INFORMATION NEEDED TO COMPLETE THE JOB.
16. STEEL TO BE ENCLOSED BUT NOT SPRAY FIREPROOFED SHALL BE CLEANED TO SSPC SP-3 AND SHOP PAINTED WITH ALKYD PRIMER.

V - COLD FORM NOTES

1. ALL COLD-FORMED STEEL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST AISI STANDARDS, GUIDELINES AND SPECIFICATIONS.
2. ALL STUDS SHALL BE MARKED WITH THE MANUFACTURER'S NAME, GAUGE SIZE OF MATERIAL AND YIELD STRENGTH.
3. ALL FRAMING MEMBERS TO BE MINIMUM 18 GAUGE THICKNESS AND HAVE A MINIMUM FLANGE WIDTH OF 1-5/8", UNLESS OTHERWISE NOTED.
4. SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER
REGISTERED IN THE STATE OF NEW YORK FOR REVIEW AND ACCEPTANCE BY THE ENGINEER OF RECORD. DRAWINGS SHALL IDENTIFY AND LOCATE ALL COMPONENTS AND SHALL SPECIFY MEMBER SIZES, BRACING, CONNECTIONS, AND ALL OTHER NECESSARY FABRICATION AND ERECTION INFORMATION.
5. CONTRACTOR TO SUBMIT COPIES OF MANUFACTURER'S PRODUCT INFORMATION AND INSTALLATION INSTRUCTIONS FOR EACH ITEM OF LIGHT GAGE FRAMING AND ACCESSORIES.
6. CONNECTIONS SHALL BE SELF-DRILLING SCREWS OR WELDING.
7. UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL FASTENERS CONNECTING LIGHT GAUGE MEMBERS AND ACCESSORIES SHALL BE A MINIMUM OF #10 SIZE, EXCEPT FASTENERS CONNECTING 14 GAUGE OR HEAVIER MATERIAL SHALL BE #12 SIZE.
8. PENETRATION OF SCREWS THROUGH JOINED MATERIALS SHALL NOT BE LESS THAN 3 EXPOSED THREADS.
9. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 AND AISI. WELDERS SHALL BE QUALIFIED IN LIGHT GAGE WELDING PER AWS.
10. ALL FRAMING COMPONENTS SHALL BE PLUMBED, ALIGNED AND LEVELED.
11. FOR CUTTING OF STEEL FRAMING MEMBERS, A SAW OR SHEARS SHALL BE USED. TORCH CUTTING IS NOT PERMITTED.
12. SPLICING OF FRAMING COMPONENTS, OTHER THAN TRACK, IS NOT PERMITTED.
13. HOLES THAT ARE FIELD CUT INTO STEEL FRAMING MEMBERS SHALL BE WITHIN THE LIMITATIONS OF THE PRODUCT AND ITS DESIGN.
14. ALL STRUCTURAL MEMBERS SHALL BE GALVANIZED MEETING ASTM A525, G60 REQUIREMENTS. ALL WELDS SHALL BE TOUCHED UP WITH ZINC-RICH PAINT.
15. ALL NESTED STUD AND TRACK COMBINATIONS SHALL BE FASTENED ON EACH FLANGE @ 12" O.C., MINIMUM, UNLESS NOTED OTHERWISE.
16. WITH EACH TYPE OF METAL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL TRACKS, BRIDGING, LINTELS, CLIP ANGLES, FASTENERS AND ACCESSORIES AS NEEDED TO COMPLETE METAL FRAMING SYSTEM.
17. ALL STUD WALLS SHALL BE LATERALLY BRACED WITH COLD-FORMED CHANNELS SPACED AT 4'-0" ON CENTER, MAXIMUM. LATERAL BRACING ATTACHMENTS SHALL BE WITH SELF-DRILLING SCREWS OR WELDS.
18. ALL BRIDGING, BRACING, BLOCKING, STRAPPING, WEB REINFORCING, ETC... MUST BE IN PLACE PRIOR TO LOADING OF FLOORS.

VI - POST INSTALLED ANCHORS IN CONCRETE AND MASONRY

1. POST INSTALLED ANCHORS SHALL BE USED ONLY WHERE SPECIFIED ON STRUCTURAL DRAWINGS.
2. THE INSTALLATION OF POST INSTALLED ANCHORS AS REPAIR FOR MISSING OR MISPLACED CAST IN-PLACE ANCHORS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD (EOR).
3. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE SHALL NOT BE CUT UNLESS APPROVED BY THE EOR.
4. POST-INSTALLED ANCHORS SPECIFIED ON THE DRAWINGS FORM THE BASIS OF DESIGN. SUBSTITUTIONS WITH EQUAL OR BETTER ANCHORS SHALL BE SUBMITTED FOR APPROVAL BY EOR.
5. SUBMITTAL OF ALL PROPOSED PRODUCTS, WITH TECHNICAL DATA AND CURRENT ICC-ESR REPORTS IS REQUIRED FOR REVIEW AND APPROVAL BY EOR. ADDITIONAL CALCULATIONS FOR SPECIFIC APPLICATIONS MAY BE REQUIRED BY THE EOR.
6. ALL ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) IN CONJUNCTION WITH EDGE DISTANCE, SPACING AND EMBEDMENT DEPTH AS INDICATED ON THE DRAWINGS.
7. THE CONTRACTOR SHALL ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL PRODUCTS TO BE USED, PRIOR TO COMMENCEMENT OF WORK. ONLY TRAINED INSTALLERS SHALL PERFORM POST INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING SHALL BE KEPT ON SITE AND BE MADE AVAILABLE TO THE EOR AND INSPECTOR AS REQUESTED OR REQUIRED BY SPECIAL INSPECTION.
8. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER (AAI) AS CERTIFIED THROUGH ACI/CRSI (ACI 318), PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF INSTALLATION.
9. ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS (ACI 318).
10. POST-INSTALLED ANCHORS UTILIZED IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F SHALL BE QUALIFIED PER THE PROVISIONS FOR EARTHQUAKE LOADING IN THE APPLICABLE ACCEPTANCE CRITERIA.

<u>CONCRETE ANCHORS</u>

11. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRACKED AND UNCRACKED CONCRETE.
12. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED AND UNCRACKED CONCRETE.
13. 'CAST-IN-PLACE INSERTS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC446 FOR CRACKED AND UNCRACKED CONCRETE.

<u>MASONRY ANCHORS</u>

14. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 OR AC106.
15. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58.

<u>POWDER ACTUATED FASTENERS</u>

16. POWDER ACTUATED FASTENERS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC70.

VII - DEMOLITION

1. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS FOR THE DEMOLITION AND REMOVAL WORK.
2. NOTIFY ALL LOCAL AGENCIES HAVING JURISDICTION.
3. DEMOLITION PROCEDURES, SHORING REQUIREMENTS, SEQUENCES, TECHNIQUES, ETC. EITHER GIVEN IN OR IMPLIED BY THESE DRAWINGS ARE SUGGESTIONS ONLY. CONTRACTOR SHALL RETAIN, AT HIS OWN EXPENSE, A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT TO DETERMINE AND DESIGN ALL CONSTRUCTION REQUIREMENTS AND TECHNIQUES. CONTRACTOR TO SUBMIT DRAWINGS SIGNED AND SEALED BY HIS ENGINEER TO OWNER AND ENGINEER FOR CONCEPT REVIEW AND RECORD PURPOSES. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION, STABILITY, INTEGRITY, ETC. OF EXISTING AND NEW STRUCTURES DURING EXECUTION OF THE WORK.
4. BEFORE UNDERTAKING ANY DEMOLITION WORK, ASCERTAIN BY SURVEY THE EXISTING CONDITIONS OF THE PROPERTIES AND BUILDINGS ADJOINING OR IN CLOSE PROXIMITY TO THE PREMISES.
5. CONTRACTOR SHALL PERFORM ALL WORK IN SUCH A MANNER AS TO PROTECT EXISTING AND ADJACENT STRUCTURES AND BE RESPONSIBLE TO PROPERLY REPAIR ANY DAMAGE WHICH OCCURS AS A RESULT OF HIS WORK.
6. CONTRACTOR SHALL REPAIR ALL DAMAGE TO STREETS, SIDEWALKS, UTILITY LINES OR ANY OTHER PUBLIC OR PRIVATE PROPERTIES RESULTING FROM THE EXECUTION OF THE WORK AT NO COST TO THE OWNER OR ENGINEER.
7. THE USE OF EXPLOSIVES IS NOT PERMITTED.
8. CEASE OPERATIONS AND NOTIFY OWNER AND ENGINEER IMMEDIATELY IF SAFETY OR INTEGRITY OF STRUCTURE APPEARS TO BE ENDANGERED. PROPERLY BRACE AND SUPPORT STRUCTURE BEFORE RESUMING OPERATIONS.
9. NOTIFY OWNER AND ENGINEER IMMEDIATELY IF ANY PORTION OF EXISTING STRUCTURE WHICH IS NOT TO BE DEMOLISHED IS DAMAGED. CONTRACTOR SHALL PAY FOR ALL REPAIR COSTS, INCLUDING DESIGN AND INSPECTION EXPENSES.
10. NOTES, TYPICAL DETIALS AND SCHEDULES APPLY TO ALL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF A SIMILAR NATURE.
11. STRUCTURAL ALTERATION DRAWINGS SHALL BE USED IN CONJUNCTION WITH STRUCTURAL DRAWINGS, SPECIFICATIONS, ARCHITECTURAL AND MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY AMONG DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO PERFORMING WORK.
12. DO NOT CUT OR ALTER ANY STRUCTURAL MEMBERS WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER UNLESS INDICATED ON THE STRUCTURAL DRAWINGS.
13. ALL EXISTING DIMENSIONS (DISTANCES, ELEVATIONS AND MEMBER SIZES) SHOWN ON THE DRAWINGS SHALL BE CHECKED BY MEASUREMENT IN THE FIELD.
14. DO NOT ALLOW RESULTING DEBRIS TO ACCUMULATE. DISPOSE OF THIS MATERIAL IN A LEGAL MANNER.
15. CUTTING OF EXISTING SLABS SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. DRILL CORNERS AND SAW CUT STRAIGHT LINES.
16. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.

VIII - SHORING

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, ERECTION, REMOVAL, SAFETY AND ADEQUACY OF ALL FORMWORK, FALSEWORK, SHORING, RESHORING AND THE LIKE.
   - A. CONTRACTOR SHALL PREPARE FORMWORK, SHORING AND RESHORING DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK. THESE DRAWINGS WILL NOT BE REVIEWED BY THE ENGINEER. THIS REQUIREMENT IS SOLELY TO ENSURE THAT THESE ITEMS HAVE BEEN DESIGNED BY A LICENSED PROFESSIONAL ENGINEER.

IX - INSPECTION AND TESTING

OWNER WILL ENGAGE AND PAY FOR AN INDEPENDENT TESTING AGENCY TO PERFORM THE FOLLOWING INSPECTION AND TESTING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PRIOR NOTICE FOR COMPLETION OF SUCH.

1. STEEL:
   - A. ALL FIELD WELDING SHALL BE VISUALLY INSPECTED. FIELD WELDS SHALL BE TESTED PER AWS D1.1 AS FOLLOWS: ALL PENETRATION WELDS SHALL BE ULTRASONICALLY TESTED, 50 PERCENT OF FILLET WELDS SHALL BE TESTED BY DYE PENETRANT OR MAGNETIC PARTICLE.
   - B. INSTALLATION OF HIGH STRENGTH BOLTS SHALL BE INSPECTED.
2. COLD FORMED STRUCTURAL STEEL:
   - A. INSTALLATION OF FRAMING MEMBERS INCLUDING BRACING, CONNECTIONS AND WELDING TO BE INSPECTED.
   - B. ALL STUD WELDING SHALL BE INSPECTED AND TESTED PER AWS D1.1.
3. POST INSTALLED ANCHORS:
   - A. INSPECT ALL MECHANICAL AND ADHESIVE ANCHORS PER THE APPLICABLE BUILDING CODE AND PER THE CURRENT ICC-ES REPORT.
   - B. CONTINUOUSLY INSPECT ALL ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED FOR THAT PURPOSE BY THE BUILDING OFFICIAL (ACI 318).

X - SYMBOLS USED ON DRAWINGS

U.O.N.	DENOTES "UNLESS OTHERWISE NOTED".
(N)	DENOTES "NEW".
(E)	DENOTES "EXISTING".
	DENOTES (N) CONCRETE (CUT).
	DENOTES (E) CONCRETE OR CMU (CUT).
	DENOTES (E) STRUCTURE TO BE REMOVED.
	DENOTES (N) CONCRETE TO BE PLACED.
	DENOTES (E) STEEL MEMBER TO REMAIN.
	DENOTES (N) STEEL MEMBER.
	DENOTES (N) OPENING.
	DENOTES TEMPORARY SHORING. SEE DEMOLITION NOTES.
	DENOTES (E) STEEL MEMBER TO BE REMOVED.
V	DENOTES SHEAR FORCE (KIPS).
F	DENOTES AXIAL FORCE (KIPS).
M	DENOTES MOMENT (KIP-FT).
	DENOTES SPAN DIRECTION JOIST SYSTEM.
	DENOTES SPAN DIRECTION OF METAL DECK.
T.O. STL.	DENOTES 'TOP OF STEEL'.
T.O.	DENOTES 'TOP OF'.
H.P., L.P.	DENOTES 'HIGH POINT' OR 'LOW POINT'.

SHEET INDEX

SHEET NUMBER	SHEET NAME
S-1	GENERAL NOTES & DESIGN CRITERIA
S-2	FRAMING PLANS
S-3	SECTIONS AND DETAILS

CROCKFORDS - RESORTS WORLD CATSKILLS

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BIDDING & CONSTRUCTION
07/06/2022

PIC [JMM] DL [MIL]
PM [DT] DTL [LKB]

ISSUE 02/17/2022
JOB H18064.19
DRAWN Author
SCALE 12" = 1'-0"

REVISIONS
Date 1 Revision 1

GENERAL NOTES & DESIGN CRITERIA

S-1

DRAWING PRINTED FULL SIZE (36"x24") DRAWING PRINTED HALF SIZE (18"x12") WILL FIT ON A SHEET 18"x24" WITH 1.5" OF EXTRA SPACE ON ALL FOUR SIDES. DRAWING PRINTED NEAR/THIRD SIZE (12"x9") WILL FIT TIGHTLY ON 11"x17". INDIVIDUAL 1/2", 1/4", 1/8", 1/16" AND 1/32" VIEW SCALES WILL TRANSLATE BY MULTIPLYING THE DENOMINATOR BY 2 AND MAKING THE NUMERATOR 1. FOR EXAMPLE 1/8"=1'-0" AT 1/3" (1/4) WILL BE 3/64"=1'-0" FOR SCALES AT 3/4", 3/8", 3/16" AND 3/32" THE TRANSLATION IS CLOSE ENOUGH TO USE THE DENOMINATOR EQUIVALANT AND CHANGE THE NUMERATOR TO 1. EXAMPLE 3/8"=1'-0" AT 1/3" (1/4) WILL BE NEARER TO 1/4"=1'-0"

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