

## GENERAL NOTES:

1. GENERAL NOTES & DETAILS ARE PROVIDED TO COVER GENERAL CONSTRUCTION CONDITIONS. THE CONTRACTOR SHALL FOLLOW THOSE DETAILS & NOTES PERTAINING TO THE SPECIFIC NATURE OF THE WORK TO BE PERFORMED.
2. NOTES & DETAILS ON THESE STRUCTURAL DRAWINGS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. DETAILS ARE SHOWN IN DIAGRAMMATIC FORM AND ARE NOT TO BE SCALED (SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, FINISHES, ETC.). CONSTRUCTION DETAILS NOT SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS. ALL WORK OR CONSTRUCTION SHALL COMPLY WITH THE CURRENT BUILDING CODE AND ALL OTHER APPLICABLE REGULATIONS & SAFETY REQUIREMENTS.
3. DISCREPANCIES - IN THE EVENT OF A DISCREPANCY IN THE STRUCTURAL CONSTRUCTION DOCUMENTS, THE NOTE OR DETAIL UTILIZING THE STRICTER REQUIREMENT SHALL APPLY.
4. EXCAVATION, SHORING, & BRACING - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING, FORM WORK, ETC., AS REQUIRED FOR PROTECTION OF LIFE & PROPERTY, TO SUPPORT ANY CONSTRUCTION LOADS, AND TO MAINTAIN ALL BUILDING COMPONENTS SAFELY IN PLACE PRIOR TO THEIR FINAL ASSEMBLY AND ANCHORAGE INTO THE COMPLETED STRUCTURE.
5. INSPECTIONS - ALL INSPECTION AND TESTING SHALL BE PERFORMED ACCORDING TO BUILDING CODE AND/OR MORE STRINGENT REQUIREMENTS OF THESE PLANS.
6. COORDINATION - REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND ALL OTHER PERTINENT DRAWINGS FOR THE SIZE AND LOCATION OF PIPE, VENT, DUCT, AND OTHER OPENINGS & DETAILS NOT SHOWN ON THESE STRUCTURAL DRAWINGS. ALL DIMENSIONS SHALL BE CHECKED & COORDINATED BY THE CONTRACTOR.

## DESIGN CRITERIA:

### BUILDING CODE:

2013 KENTUCKY BUILDING CODE AND 2012 INTERNATIONAL BUILDING CODE (IBC)

### LIVE LOAD:

20 PSF TOP CHORD

### DEAD LOAD:

5 PSF TOP CHORD  
10 PSF BOTTOM CHORD

### SNOW LOAD:

GROUND SNOW LOAD (Ps) 15 PSF  
SNOW EXPOSURE FACTOR (Ce) 0.9  
THERMAL FACTOR (Ct) 1.1  
SNOW LOAD IMPORTANCE FACTOR (Is) 1.0  
FLAT ROOF SNOW LOAD, Pf = 0.7 CeCtIsPs  
MINIMUM ROOF SNOW LOAD 8.9 PSF

### WIND LOAD:

ULTIMATE DESIGN WIND SPEED 115  
RISK CATEGORY II  
EXPOSURE CATEGORY C  
INTERNAL PRESSURE COEFFICIENT (GCpi) ±0.18

### SEISMIC LOAD:

#### RISK CATEGORY

#### SEISMIC IMPORTANCE FACTOR (Ie)

1.0

#### MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:

##### Ss

0.221

##### Si

0.114

#### SITE CLASS

##### D

#### DESIGN SPECTRAL ACCELERATION PARAMETERS:

##### Sds

0.235

##### SD1

0.178

#### SEISMIC DESIGN CATEGORY

C

## FOUNDATION NOTES:

1. SPREAD AND STRIP FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1,500 PSF AT 36 INCHES BELOW GRADE.
2. PROTECT EXISTING UTILITIES AND STRUCTURES, OVERHEAD OR UNDERGROUND, IN WORK AREA.

## CONCRETE NOTES:

1. CONCRETE STRENGTH - PROVIDE CONCRETE WITH THE FOLLOWING STRENGTHS AT THE LOCATIONS NOTED. MIX DESIGN, SLUMP, AIR ENTRAINMENT, AGGREGATE SIZE, ETC., SHALL BE IN CONFORMANCE WITH THE A.C.I. CODE, LATEST EDITION.

LOCATION	STRENGTH (PSI @ 28 DAYS)
SPREAD FOOTINGS, SLABS-ON-GRADE	4,000 PSI NORMAL WEIGHT
2. REINFORCING STEEL - ASTM A615 GRADE 60 (UNLESS WELDED).
3. WELDING OF REINFORCING STEEL SHALL CONFORM TO AWS D12.1 USING PROPER LOW HYDROGEN ELECTRODES. ALL BARS TO BE WELDED SHALL CONFORM TO ASTM A706.
4. FABRICATE AND PLACE REINFORCEMENT IN ACCORDANCE WITH ACI PUBLICATION SP-66, ACI DETAILING MANUAL - LATEST EDITION.
5. PLACE CONCRETE IN COMPLIANCE WITH ACI 304. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED.
6. CONCRETE COVER FOR REINFORCEMENT FOR NON-PRESTRESSED, CAST IN PLACE CONCRETE SHALL BE AS FOLLOWS:

CONDITION	COVER
CAST AGAINST EARTH EXPOSED TO WEATHER	3"
#6 & SMALLER	1 1/2"
#6 & LARGER	2"
SLAB-ON-GRADE	2"

7. EMBEDS - ALL ITEMS TO BE CAST INTO CONCRETE SUCH AS REINFORCING DOWELS, BOLTS, ANCHORS, PIPES, SLEEVES, ETC., SHALL BE SECURELY AND ACCURATELY POSITIONED INTO THE FORMS PRIOR TO PLACING THE CONCRETE.
8. CONSTRUCTION JOINTS - THE CONTRACTOR SHALL OBTAIN THE ENGINEER'S APPROVAL FOR CONCRETE CONSTRUCTION JOINT LOCATIONS. REINFORCING STEEL DETAILING MAY CHANGE AND THE CONTRACTOR MAY BE RESPONSIBLE FOR ADDITIONAL EXPENSES AS A RESULT.

## COLD-FORMED STEEL (CFS) FRAMING:

1. ALL STRUCTURAL MEMBERS SHALL CONFORM TO THE AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION.
2. ALL COLD-FORMED METAL STUDS AND/OR JOISTS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, AND MINIMUM GAGE INDICATED.
3. A SPECIALTY STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE SHALL DESIGN THE WALL FRAMING INCLUDING THE ANCHORAGE TO THE PRIMARY STRUCTURAL FRAME AND SHALL PROVIDE SEALED CALCULATIONS AND SEALED SHOP DRAWINGS.
4. ALL STRUCTURAL MEMBERS SHALL BE FORMED FROM ZINC COATED STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A653, WITH A MINIMUM COATING OF G60.
5. STUDS SHALL BE CUT SQUARE AND PLACED TIGHT TO TRACKS WITH NO GAPS, EXCEPT AT DEFLECTION TRACK/CLIP LOCATIONS ABOVE NON-BEARING PARTITIONS.
6. THE FRAMING INSTALLER IS TO ENSURE PUNCHOUT ALIGNMENT WHEN ASSEMBLING LATERAL BRACING AND FIELD CUTTING STUDS TO LENGTH. LATERAL BRACING MUST BE INSTALLED AT THE TIME OF WALL ERECTION.
7. FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. WIRE TYING OF COMPONENTS IS NOT PERMITTED. SPLICES

## COLD-FORMED STEEL (CFS) TRUSSES:

1. A SPECIALTY STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE SHALL DESIGN THE ROOF TRUSSES INCLUDING THE ANCHORAGE TO THE PRIMARY STRUCTURAL FRAME AND SHALL PROVIDE SEALED CALCULATIONS AND SEALED SHOP DRAWINGS.
2. COLD-FORMED STEEL TRUSS DESIGN SHALL COMPLY WITH AISI S210, 213 AND 214, THE NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - FLOOR & ROOF SYSTEMS, LATERAL DESIGN AND TRUSS DESIGN.
3. TRUSSES TO BE DESIGNED TO WITHSTAND DESIGN LOADS WITHOUT VERTICAL DEFLECTIONS GREATER THAN 1/360 OF THE SPAN.
4. TRUSS MEMBERS SHALL BE FORMED FROM STEEL SHEET, ASTM A 1003/A 1003M, STRUCTURAL GRADE, TYPE H, METALLIC COATED, OF GRADE ST50H WITH A MINIMUM COATING OF G60.
5. 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.
6. INSTALL COLD-FORMED METAL FRAMING LEVEL, PLUMB, AND TRUE TO LINE TO A MAXIMUM ALLOWABLE TOLERANCE VARIATION OF 1/8 INCH IN 10 FEET. SPACE INDIVIDUAL FRAMING MEMBERS NO MORE THAN PLUS OR MINUS 1/8 INCH FROM PLAN LOCATION. CUMULATIVE ERROR SHALL NOT EXCEED MINIMUM FASTENING REQUIREMENTS OF SHEATHING OR OTHER FINISHING MATERIALS.
7. DO NOT ALTER, CUT, OR REMOVE FRAMING MEMBERS OR CONNECTIONS OF TRUSSES.

## HEAVY TIMBER CONSTRUCTION:

1. A SPECIALTY STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE SHALL DESIGN THE INDEPENDENT TIMBER CANOPY STRUCTURE INCLUDING ALL MEMBERS CONNECTIONS AND ANCHORAGE TO THE STRUCTURAL FOUNDATIONS AND SHALL PROVIDE SEALED CALCULATIONS AND SEALED SHOP DRAWINGS. DESIGN OF THE CANOPY STRUCTURE TO BE COORDINATED WITH THE ARCHITECT OF RECORD.
2. THE TIMBERS ARE TO BE OF SAWN TIMBER CONSTRUCTION, DOUGLAS FIR-LARCH NO. 1 OR GREATER WITH MINIMUM NOMINAL DIMENSIONS OF 6" WIDTH FOR RAFTER MEMBERS AND 10" WIDTH FOR BEAM AND COLUMN MEMBERS. OMIT GRADE STAMPS AND PROVIDE CERTIFICATES OF GRADE COMPLIANCE ISSUED BY GRADING AGENCY. THE SUPPLIER SHALL FURNISH ALL MATERIALS INCLUDING CONNECTING STEEL AND HARDWARE FOR A COMPLETE INSTALLATION.
3. BOLTS FOR CONNECTIONS TO BE MINIMUM 3/4" ASTM A307 AND PLATES TO BE MINIMUM 3/16" ASTM A36 STEEL. HOT-DIP GALVANIZE STEEL ASSEMBLIES AND FASTENERS AFTER FABRICATION TO COMPLY WITH ASTM A 123/A 123M OR ASTM A 153/A 153M.
4. ERECT HEAVY TIMBER FRAMING TRUE AND PLUMB. PROVIDE TEMPORARY BRACING TO MAINTAIN LINES AND LEVELS UNTIL PERMANENT SUPPORTING MEMBERS ARE IN PLACE. INSTALL HORIZONTAL AND SLOPING MEMBERS WITH CROWN EDGE UP, AND PROVIDE NOT LESS THAN 4 INCHES OF BEARING ON SUPPORTS. PROVIDE CONTINUOUS MEMBERS UNLESS OTHERWISE INDICATED. TIE TOGETHER OVER SUPPORTS WITH METAL STRAP TIES IF NOT CONTINUOUS.
5. UNLESS OTHERWISE INDICATED, INSTALL BOLTS WITH SAME ORIENTATION WITHIN EACH CONNECTION AND IN SIMILAR CONNECTIONS. INSTALL BOLTS WITH ORIENTATION AS INDICATED OR, IF NOT INDICATED, AS DIRECTED BY ARCHITECT.
6. HANDLE AND TEMPORARILY SUPPORT HEAVY TIMBER FRAMING TO PREVENT SURFACE DAMAGE, COMPRESSION, AND OTHER EFFECTS THAT MIGHT INTERFERE WITH INDICATED FINISH. REPLACE DAMAGED HEAVY TIMBER FRAMING IF REPAIRS ARE NOT APPROVED BY ARCHITECT.

## CONCRETE MASONRY GENERAL NOTES:

1. PROVIDE VERTICAL REINFORCEMENT AS FOLLOWS:

#4 @ 32" O.C. WITH 2) #4 AT ENDS AND CORNERS.
PROVIDE 2) #4 VERTICAL REINFORCEMENT AT JAMBS OF EACH OPENING, AT BOTH SIDES OF CONTROL JOINT; AND AT EACH END OR CORNER OF WALL, UNLESS SHOWN OTHERWISE.
2. PROVIDE HORIZONTAL REINFORCEMENT AS FOLLOWS:

BOND BEAM REINFORCING TO BE 1) #5 REBAR AT SPACING NOT TO EXCEED 8 FT. PROVIDE ADDITIONAL BOND BEAMS AT TOP & BOTTOM OF DOOR OPENINGS.
LADDER TYPE W1.7 (9 GA.) GALVANIZED WELDED WIRE JOINT REINF. @ 16" O.C.
PROVIDE 90° HOOKS FOR ALL BOND BEAM REINFORCING BARS AT CORNERS.
3. GROUT ALL BELOW GRADE CORES SOLID.
4. CONSTRUCT MASONRY IN RUNNING BOND ONLY, UNLESS NOTED OTHERWISE.
5. THE MASONRY WORK HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530/ASCE 5/TMS 402).
6. ALL CMU SHALL BE LIGHTWEIGHT, CONFORMING TO ASTM C90, GRADE N, WITH MINIMUM AVERAGE NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI BUT NOT LESS THAN, UNLESS NOTED OTHERWISE.
7. USE TYPE OF MORTAR IN CONJUNCTION WITH THE TYPE OF CMU TO PRODUCE REQUIRED MASONRY COMPRESSIVE STRENGTH, AND CONFORMING TO ASTM C270.
8. THE REINFORCEMENT SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS:

REBAR	ASTM A615 GRADE 60
GALVANIZED CARBON STEEL WIRE	ASTM A82
9. GROUT REINFORCED MASONRY WITH LOW RISE METHOD ONLY. GROUT SHALL CONFORM TO ASTM C476 AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI @ 28 DAYS.

**MORTAR SHALL NOT BE USED IN PLACE OF GROUT**

## EPOXY NOTES:

1. ALL REINFORCING DOWELS OR THREADED ROD DOWELS INDICATED IN THE CONSTRUCTION DOCUMENTS TO BE "SET INTO HOLES FILLED WITH EPOXY ADHESIVE" SHALL BE GOVERNED BY THE PROVISIONS IN THIS SECTION AS WELL AS THE SPECIFIC INSTALLATION PROVISIONS REQUIRED BY THE PRODUCT MANUFACTURER AND APPLICABLE I.C.B.O. EVALUATION REPORT REQUIREMENTS.
2. ACCEPTABLE PRODUCTS ARE AS FOLLOWS:

THE GENERAL CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER THE EPOXY PRODUCT NAME TO BE USED ALONG WITH ITS I.C.B.O. REPORT & TESTING REQUIREMENTS.
ADHESIVE ANCHORS FOR CONCRETE WITH Safe Set™ TECHNOLOGY AS PROVIDED BY HILTI, INC. CONTACT HILTI AT (800) 879-8000 FOR PRODUCT RELATED QUESTIONS.
A. HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM INSTALLED USING THE HILTI HOLLOW DRILL BIT (TE-CD OR TE-YD) WITH HAS-E THREADED ROD OR DEFORMED REBAR PER ESR-3187 FOR FAST CURE APPLICATIONS.
3. PROVIDE DRILLED HOLES OF DIAMETER AND DEPTH SPECIFIED BY THE PRODUCT MANUFACTURER FOR THE DOWEL SIZE SPECIFIED IN THE CONSTRUCTION DOCUMENTS OR THE DIAMETER AND DEPTH SPECIFIED IN THE CONTRACT DOCUMENTS, WHICHEVER IS GREATER WHEN DEPTH OF EMBEDMENT IS CONSIDERED.
4. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
5. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
6. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

## STATEMENT OF SPECIAL INSPECTIONS

IN ACCORDANCE WITH THE 2013 KENTUCKY BUILDING CODE, THE OWNER WILL EMPLOY AN APPROVED INDEPENDENT INSPECTION/TESTING AGENCY AS DEFINED IN SECTION 1704 TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1705. THE SPECIAL INSPECTION AGENCY WILL PROVIDE TESTING AND INSPECTION REPORTS TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING AND/OR CORRECTING DEFICIENCIES AS IDENTIFIED BY THE AGENCY. THE CONTRACTOR SHALL COORDINATE WITH THE AGENCY FOR ALL REQUIRED INSPECTIONS AND TESTING. REPORTS WILL BE PROVIDED FOR EACH DAYS INSPECTION. ALL NONCONFORMING ITEMS WILL BE BROUGHT TO THE CONTRACTORS ATTENTION, AND WILL BE RECORDED ON THE INSPECTION REPORT.

VERIFICATION AND INSPECTION OF SOILS (IBC TABLE 1705.6)			
	VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)			
	VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1	INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	-	X
2	INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2b.	-	-
3	INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	-	X
4	INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	-	X
5	VERIFYING USE OF REQUIRED DESIGN MIX.	-	X
6	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-
7	INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-
8	INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X
9	INSPECTION OF PRESTRESSED CONCRETE: -APPLICATION OF PRESTRESSING FORCES. -GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC FORCE RESISTING SYSTEM.	X	-
10	ERECTION OF PRECAST CONCRETE MEMBERS.	-	X
11	VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X
12	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X

## LEVEL 2 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION

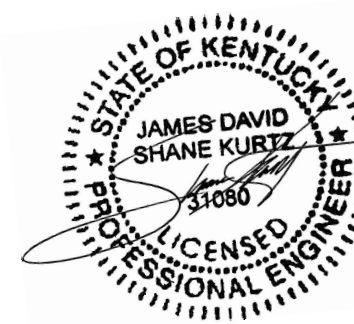
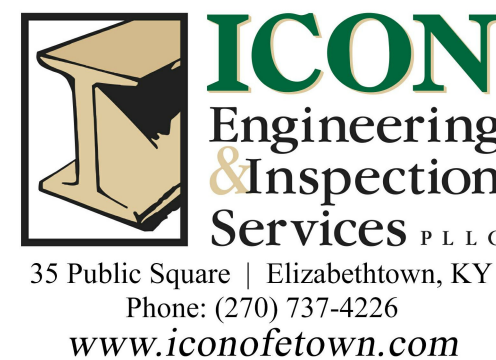
INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA																																						
	CONTINUOUS	PERIODIC	KBC	ACI 530.1/ ASCE 5/TMS 402	ACI 530.1/ ASCE 6/TMS 602																																				
1. FROM THE BEGINNING OF MASONRY CONSTRUCTION, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: <table border="1"><tbody><tr><td>A. PROPORTIONS OF SITE-PREPARED MORTAR, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.</td><td>-</td><td>X</td><td>-</td><td>-</td><td>ART. 2.6A</td></tr><tr><td>B. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS.</td><td>-</td><td>X</td><td>-</td><td>-</td><td>ART. 3.3B</td></tr><tr><td>C. PLACEMENT OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.</td><td>-</td><td>X</td><td>-</td><td>SEC. 1.13</td><td>ART. 3.4, 3.6A</td></tr><tr><td>D. GROUT SPACE PRIOR TO GROUTING.</td><td>X</td><td>-</td><td>-</td><td>-</td><td>ART. 3.2D</td></tr><tr><td>E. PLACEMENT OF GROUT.</td><td>X</td><td>-</td><td>-</td><td>-</td><td>ART. 3.5</td></tr><tr><td>F. PLACEMENT OF PRESTRESSING GROUT.</td><td>X</td><td>-</td><td>-</td><td>-</td><td>ART. 3.6C</td></tr></tbody></table>	A. PROPORTIONS OF SITE-PREPARED MORTAR, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X	-	-	ART. 2.6A	B. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS.	-	X	-	-	ART. 3.3B	C. PLACEMENT OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.	-	X	-	SEC. 1.13	ART. 3.4, 3.6A	D. GROUT SPACE PRIOR TO GROUTING.	X	-	-	-	ART. 3.2D	E. PLACEMENT OF GROUT.	X	-	-	-	ART. 3.5	F. PLACEMENT OF PRESTRESSING GROUT.	X	-	-	-	ART. 3.6C					
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2. THE INSPECTION PROGRAM SHALL VERIFY: <table border="1"><tbody><tr><td>A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.</td><td>-</td><td>X</td><td>-</td><td>-</td><td>ART. 3.3G</td></tr><tr><td>B. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.</td><td>X</td><td>-</td><td>-</td><td>SEC. 1.2.2(e), 2.1.4, 3.1.6</td><td>-</td></tr><tr><td>C. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.</td><td>-</td><td>X</td><td>-</td><td>SEC. 1.13</td><td>ART. 2.4, 3.4</td></tr><tr><td>D. WELDING OF REINFORCING BARS.</td><td>X</td><td>-</td><td>-</td><td>SEC. 2.1.10.7.2, 3.3.3.4(b)</td><td>-</td></tr><tr><td>E. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).</td><td>-</td><td>X</td><td>SEC. 2104.3, 2104.4</td><td>-</td><td>ART. 1.8C, 1.8D</td></tr><tr><td>F. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.</td><td>X</td><td>-</td><td>-</td><td>-</td><td>ART. 3.6B</td></tr></tbody></table>	A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	-	X	-	-	ART. 3.3G	B. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	X	-	-	SEC. 1.2.2(e), 2.1.4, 3.1.6	-	C. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.	-	X	-	SEC. 1.13	ART. 2.4, 3.4	D. WELDING OF REINFORCING BARS.	X	-	-	SEC. 2.1.10.7.2, 3.3.3.4(b)	-	E. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).	-	X	SEC. 2104.3, 2104.4	-	ART. 1.8C, 1.8D	F. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X	-	-	-	ART. 3.6B					
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3. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	X	-	SEC. 2105.2.2, 2105.3	-	ART. 1.4																																				
4. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	-	X	-	-	ART. 1.5																																				

## HIGH STRENGTH NON-SHRINK GROUT NOTES:

NON-SHRINK GROUT SHALL BE NON-FERROUS, NON-SHRINK GROUT WITH A STRENGTH OF 10,000 PSI MINIMUM MANUFACTURED BY MASTER BUILDERS (NSGROUT), OR EQUAL. SURFACE OR EXISTING CONCRETE SHALL BE FREE FROM DUST, DEBRIS OR WATER PRIOR TO PLACING GROUT. GROUT PRODUCT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS. GROUT MUST BE PLACED IMMEDIATELY AFTER COLUMN IS PLUMB, AND BEFORE ANY DECKING IS PLACED.

## SHOP DRAWINGS:

SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. ANY REVIEW OF SHOP DRAWINGS BY THIS OFFICE IS ONLY FOR GENERAL CONFORMANCE TO THE STRUCTURAL REQUIREMENTS AND IN NO WAY GUARANTEES THE ACCURACY OR COMPLETENESS OF INFORMATION THEREON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE ALL CONSTRUCTION IS IN FULL COMPLIANCE WITH THE LATEST SET OF STRUCTURAL DRAWINGS. SHOP DRAWINGS MAY NOT BE BASED ON CONTRACT DRAWINGS. ALL SHOP DRAWINGS WHICH HAVE NOT BEEN PREPARED FROM SCRATCH WILL BE REJECTED. SUBMIT ELECTRONIC COPY FOR REVIEW. REVIEW SET WILL BE RETURNED WITH ANY COMMENTS ELECTRONICALLY IN PDF FORM.



A PROPOSED NEW CONSTRUCTION FOR  
THE AMERICAN LEGION PARK  
**GOLF HOUSE**  
841 N MILES ST  
ELIZABETHTOWN, KY 42701

## REVISIONS



## DOCUMENT PHASE

## CONSTRUCTION

## DOCUMENTS

## DATE ISSUED

08/15/2017

## SHEET NAME

GENERAL

**SO.0**