

1	2	3	4	5	6																																																																																																				
<p>3. HORIZONTAL WALL REINFORCING:</p> <p>A. PROVIDE CONTINUOUS HORIZONTAL REINFORCING AT THE TOP OF THE WALL AND AT A MAXIMUM OF 4'-0" ON CENTER IN KNOCK-OUT BOND BEAMS UNLESS NOTED OTHERWISE. REINFORCING STEEL SHALL LAP PER TABLE.</p> <p>B. PROVIDE HORIZONTAL REINFORCING AT THE HEAD OF ALL OPENINGS IN A "U" SHAPED SOLID BOTTOM LINTEL BLOCK. CUT OFF THE BOTTOM SHELL OF THE LINTEL BLOCKS AT VERTICAL REINFORCING LOCATION FOR JAMBS. PROVIDE HORIZONTAL REINFORCING AT THE SILL OF ALL OPENINGS IN A KNOCK-OUT BOND BEAM. REINFORCING STEEL SHALL EXTEND BEYOND OPENING PER DETAILS.</p> <p>C. MINIMUM HORIZONTAL REINFORCING IN ALL LINTELS AND BOND BEAMS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">THICKNESS</td> <td style="width:33%;">REINFORCING</td> <td style="width:33%;"></td> </tr> <tr> <td>8"</td> <td>(2) #4</td> <td></td> </tr> </table> <p>4. VERTICAL REINFORCING:</p> <p>A. PROVIDE VERTICAL REINFORCING (NORMAL REINFORCING) IN FULLY GROUTED CELLS, CENTERED AND HELD IN PLACE BY REINFORCING STEEL GUIDES IN ALL WALLS AS FOLLOWS, UNLESS NOTED OTHERWISE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">THICKNESS</td> <td style="width:33%;">INTERIOR NON-LOAD BRG. WALLS</td> <td style="width:33%;">EXTERIOR & LOAD BRG. WALLS</td> </tr> <tr> <td>8"</td> <td>#5 AT 48" O.C.</td> <td>#5 AT 48" O.C.</td> </tr> </table> <p>B. PROVIDE VERTICAL FULLY GROUTED REINFORCED CELLS AT EACH SIDE OF AN ISOLATION JOINT, AT INTERSECTIONS OF WALLS, EACH SIDE OF A WALL OPENING, AT EACH BEAM BEARING, AND AT THE END OF A WALL.</p> <p>C. VERTICAL REINFORCING SHALL EXTEND CONTINUOUSLY FROM THE TOP OF THE SUPPORTING MEMBER TO THE TOP BOND BEAM. THERE SHALL BE A DOWEL, CAST INTEGRAL WITH THE SUPPORTING MEMBER, FOR EACH VERTICAL REINFORCING BAR EXCEPT AS NOTED. ALL VERTICAL REINFORCING STEEL SHALL BE HOOKED INTO TOP BOND BEAM. ALL HOOKS, STRAIGHT EMBEDMENTS AND LAPS SHALL BE PER TABLE.</p> <p>5. LOCATION AND DETAILS OF CONTROL AND ISOLATION JOINTS IN MASONRY WALLS SHALL BE PER THE ARCHITECTURAL DRAWINGS. IF NOT SHOWN OR NOTED ON THE ARCHITECTURAL DRAWINGS, THE MAXIMUM SPACING OF CONTROL OR ISOLATION JOINTS SHALL BE AT A LENGTH TO HEIGHT RATIO OF 2:1 OR 30'-0" O.C., WHICHEVER IS LESS. REINFORCING IN ALL BOND BEAMS, INCLUDING THE TOP BOND BEAM, SHALL BE DISCONTINUOUS AT CONTROL AND ISOLATION JOINTS. CONTRACTOR SHALL SUBMIT A JOINT LAYOUT PLAN FOR APPROVAL PRIOR TO CONSTRUCTION.</p> <p>6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WALL ELEVATIONS AS PART OF THE SUBMITTAL. WALL ELEVATIONS SHALL INCLUDE HORIZONTAL AND VERTICAL REINFORCING, EMBEDS, CONTROL JOINTS, OPENINGS, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL OPENING LOCATION.</p> <p>7. EMBEDDED CONDUIT, PIPES OR SLEEVES SHALL BE NO CLOSER THAN 3 DIAMETER ON CENTER OR DISPLACE MORE THAN 2% OF THE NET AREA.</p> <p>8. LINTELS SUPPORTING CMU WALLS OVER OPENINGS, UNLESS NOTED OTHERWISE, SHALL BE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">OPENING WIDTH</td> <td style="width:33%;">LINTEL</td> <td style="width:33%;"></td> </tr> <tr> <td>< 4'-0"</td> <td>8"x8" CMU "U" SHAPED BOND BEAM W/ (2) #5</td> <td></td> </tr> <tr> <td>> 4'-0"</td> <td>REF. PLANS</td> <td></td> </tr> </table> <p>STRUCTURAL STEEL</p> <p>1. STRUCTURAL STEEL SHALL MEET THE LATEST "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGE," AND HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND THE LATEST EDITION OF AISC "MANUAL OF STEEL CONSTRUCTION".</p> <p>2. STRUCTURAL STEEL SHALL BE NEW AND MEET THE FOLLOWING REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TYPE</th> <th>ASTM</th> <th>GRADE</th> </tr> </thead> <tbody> <tr> <td>W & WT SHAPES</td> <td>A992</td> <td>----</td> </tr> <tr> <td>PLATES, CHANNELS, & ANGLES</td> <td>A36</td> <td>----</td> </tr> <tr> <td>RECTANGULAR HSS SECTIONS</td> <td>A500</td> <td>C (Fy=50 KSI)</td> </tr> <tr> <td>STRUCTURAL BOLTS</td> <td>A325</td> <td>---- (ASTM F1852)</td> </tr> <tr> <td>ERECTION BOLTS</td> <td>A307</td> <td>----</td> </tr> </tbody> </table> <p>3. ALL BOLTED CONNECTIONS SHALL BE STANDARD AISC BEARING TYPE FRAMING CONNECTIONS. BOLTS SHALL BE TENSION-INDICATING FOR INSPECTION PURPOSES.</p> <p>4. ALL CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE PROVIDED BY THE FABRICATOR AND HIGHLIGHTED FOR THE ENGINEER OF RECORD'S REVIEW.</p> <p>5. ALL WELDING SHALL BE IN ACCORDANCE WITH LATEST AWS CODE, SECTION D1.1. ALL WELD MATERIAL SHALL BE 70 KSI TENSILE STRENGTH.</p> <p>6. STEEL FRAMING MEMBERS SHALL NOT BE SPLICED.</p> <p>7. OPENINGS SHALL NOT BE FIELD-CUT IN THE FLANGE OR WEBS OF STEEL MEMBERS.</p> <p>8. GALVANIZED STRUCTURAL STEEL SHALL CONFORM TO ASTM A123 FOR MEMBERS AND ASTM A153 FOR CONNECTION ELEMENTS. REPAIR ANY DAMAGED GALVANIZING COATING IN ACCORDANCE WITH ASTM A780.</p> <p>COLD-FORMED STEEL FRAMING</p> <p>1. ALL COLD-FORMED STEEL STUDS, PURLINS, AND TRUSS SYSTEMS SHALL BE GALVANIZED PER AISI STANDARDS. APPLY ZINC-RICH PAINT TO ALL AREAS WHERE FINISH IS DAMAGED DUE TO WELDING.</p> <p>2. PRODUCTS SHALL BE FORMED FROM STEEL MEETING THE REQUIREMENTS OF AISI, SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, UNLESS NOTED OTHERWISE.</p> <p>3. STUD TRACK SECTIONS SHALL MEET OR EXCEED THICKNESS OF STUD MEMBERS, UNLESS NOTED OTHERWISE.</p> <p>4. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS.</p>	THICKNESS	REINFORCING		8"	(2) #4		THICKNESS	INTERIOR NON-LOAD BRG. WALLS	EXTERIOR & LOAD BRG. WALLS	8"	#5 AT 48" O.C.	#5 AT 48" O.C.	OPENING WIDTH	LINTEL		< 4'-0"	8"x8" CMU "U" SHAPED BOND BEAM W/ (2) #5		> 4'-0"	REF. PLANS		TYPE	ASTM	GRADE	W & WT SHAPES	A992	----	PLATES, CHANNELS, & ANGLES	A36	----	RECTANGULAR HSS SECTIONS	A500	C (Fy=50 KSI)	STRUCTURAL BOLTS	A325	---- (ASTM F1852)	ERECTION BOLTS	A307	----	<p>5. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, FASTENERS, ANCHORAGE DEVICES, CONNECTION ANGLES, BRIDGING, AND MISCELLANEOUS HARDWARE REQUIRED TO COMPLETE ALL CONNECTIONS AND INSTALLATION.</p> <p>6. FASTENING OF FRAMING COMPONENTS SHALL BE WITH SELF-TAPPING SCREWS OR WELDING OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. WELDS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST AWS D1.3 CODE.</p> <p>7. COLD-FORMED STEEL STUD PRODUCTS SHALL BE MANUFACTURED BY A CURRENT MEMBER OF THE STEEL STUD MANUFACTURER ASSOCIATION (SSMA) OR THE STEEL FRAMING INDUSTRY ASSOCIATION (SFIA).</p> <p>A. THE PHYSICAL AND STRUCTURAL PROPERTIES SHALL BE EQUIVALENT TO THOSE LISTED BY THE SSMA "PRODUCT TECHNICAL INFORMATION" AND ICC-ES ER-3064P FOR "S" AND "T" SECTIONS.</p> <p>B. PROVIDE DEFLECTION TRACK AT THE TOP OF ALL NON-LOAD BEARING STUD WALLS WHERE THE TOP OF WALL ABUTS THE BOTTOM OF THE STRUCTURE. DEFLECTION TRACK SHALL ACCOMMODATE A DEFLECTION DESCRIBED UNDER CONSTRUCTION DETAILS FOR STRUCTURAL MOVEMENT.</p> <p>C. ATTACH STUDS TO TRACK WITH A MINIMUM OF ONE SCREW IN EACH STUD FLANGE, UNLESS NOTED OTHERWISE.</p> <p>STRUCTURAL WOOD</p> <p>1. ALL WOOD STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).</p> <p>2. THE DESIGN OF THE STRUCTURE IS BASED UPON THE USE OF THE FOLLOWING WOOD PRODUCTS:</p> <p>A. ROOF SHEATHING SHALL BE 15/32" APA RATED PLYWOOD OR ORIENTED STRAND BOARD, 32/16 SPAN RATING, EXPOSURE 1, LAID IN A CONTROLLED RANDOM STAGGERED PATTERN, WITH EDGE CLIPS BETWEEN SUPPORTS, LONG PANEL DIMENSION PERPENDICULAR TO THE FRAMING MEMBERS, AND CONTINUOUS OVER A MINIMUM OF THREE SUPPORTS. ALLOW FOR 1/8" GAP AT ALL PANEL EDGE AND END JOINTS UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER.</p> <p>B. WHEN WOOD DIAPHRAGMS ARE NOTED TO BE BLOCKED, PROVIDE 1 1/2" WIDE, 33 MIL FLAT STRAPPING TO BE INSTALLED BELOW THE SHEATHING AT ALL PANEL EDGES THAT ARE NOT DIRECTLY SUPPORTED BY FRAMING MEMBERS.</p> <p>3. CONNECTIONS SHALL MEET THE FOLLOWING REQUIREMENTS:</p> <p>A. SCREW ROOF SHEATHING WITH NO. 8 COUNTERSUNK TAPPING SCREWS SCREWS AT 6" O.C. ALONG PANEL EDGES AND AT 12" O.C. AT INTERMEDIATE SUPPORTS IN ACCORDANCE WITH ASTM C1513.</p> <p>POST INSTALLED ANCHORING SYSTEMS</p> <p>1. SUBSTITUTION OF POST INSTALLED ANCHORS FOR EMBEDDED ANCHORS SHOWN ON THE DRAWINGS WILL NOT BE PERMITTED UNLESS APPROVED BY THE ENGINEER IN ADVANCE.</p> <p>2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) AND THE EVALUATION REPORT (ER/ESR) SPECIFIED INCLUDING HOLE PREPARATION, TEMPERATURE AND MOISTURE CONDITIONS.</p> <p>3. ADHESIVE ANCHORS:</p> <p>A. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL ANCHOR PRODUCTS SPECIFIED. THE CONTRACTOR MUST MAINTAIN TRAINING RECORDS OF ALL CONTRACTOR PERSONNEL INSTALLING ANCHORS AND SUBMIT TO THE ENGINEER OF RECORD PRIOR TO INSTALLING ANCHORS UPON REQUEST.</p> <p>B. ADHESIVE ANCHORS SHALL BE USED IN CONJUNCTION WITH THE APPROPRIATE ADHESIVE SYSTEM. STANDARD REINFORCING STEEL ANCHORED IN CONCRETE SHALL BE IN ACCORDANCE WITH ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE.</p> <p>C. APPROVED ADHESIVE ANCHORS FOR PREVIOUSLY CAST CONCRETE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>MANUFACTURER/PRODUCT</th> <th>REPORT NUMBER</th> </tr> </thead> <tbody> <tr> <td>HILTI HIT-HY200 SSS* WITH HIT-Z ROD</td> <td>ICC-ES ESR-3187</td> </tr> <tr> <td>HILTI HIT-HY200 SSS* WITH HOLLOW BIT & HAS-E ROD</td> <td>ICC-ES ESR-3187</td> </tr> <tr> <td>HILTI HIT-HY200 SSS* WITH HOLLOW BIT & STEEL REINFORCING</td> <td>ICC-ES ESR-3187</td> </tr> <tr> <td>*SAFE SET SYSTEM</td> <td></td> </tr> </tbody> </table> <p>4. APPROVED ADHESIVE ANCHORS FOR GROUTED MASONRY:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>MANUFACTURER/PRODUCT</th> <th>REPORT NUMBER</th> </tr> </thead> <tbody> <tr> <td>HILTI HIT-HY 270 SAFE SET SYSTEM WITH HAS-E ROD</td> <td>ICC-ES ESR-2682</td> </tr> </tbody> </table> <p>5. POWDER ACTUATED FASTENERS:</p> <p>WHEN CALLED FOR ON THE PLANS, THE APPROVED ANCHORS ARE:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>MANUFACTURER AND PRODUCT</th> <th>REPORT NUMBER</th> </tr> </thead> <tbody> <tr> <td>HILTI X-U (0.157" DIA., 1" EMBED)</td> <td>ICC-ES ESR-2269</td> </tr> </tbody> </table> <p>CONTRACT/CONSTRUCTION DOCUMENTS</p> <p>1. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A FULL SET OF THE MOST RECENT REVISIONS OF EACH DOCUMENT INCLUDING ALL PLANS, SPECIFICATIONS, ADDENDA, AND SUPPLEMENTAL INSTRUCTIONS.</p> <p>2. THE CONTRACTOR SHALL REVIEW THE DOCUMENTS PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY MATERIALS FOR CONFLICTS. IF CONFLICTS OCCUR THE CONTRACTOR SHALL USE THE MOST STRINGENT REQUIREMENT OR REQUEST A CLARIFICATION THROUGH A REQUEST FOR INFORMATION (RFI).</p> <p>3. THE DOCUMENTS MAY NOT BE REPRODUCED IN WHOLE OR IN PART FOR USE ON PROJECTS OTHER THAN IDENTIFIED IN THE TITLE BLOCK. SHOULD THE CONTRACTOR USE THE DOCUMENTS AS A PORTION OF A SHOP DRAWING SUBMITTAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONSEQUENCES RESULTING FROM ERRORS IN THE REPRODUCED DOCUMENTS.</p>	MANUFACTURER/PRODUCT	REPORT NUMBER	HILTI HIT-HY200 SSS* WITH HIT-Z ROD	ICC-ES ESR-3187	HILTI HIT-HY200 SSS* WITH HOLLOW BIT & HAS-E ROD	ICC-ES ESR-3187	HILTI HIT-HY200 SSS* WITH HOLLOW BIT & STEEL REINFORCING	ICC-ES ESR-3187	*SAFE SET SYSTEM		MANUFACTURER/PRODUCT	REPORT NUMBER	HILTI HIT-HY 270 SAFE SET SYSTEM WITH HAS-E ROD	ICC-ES ESR-2682	MANUFACTURER AND PRODUCT	REPORT NUMBER	HILTI X-U (0.157" DIA., 1" EMBED)	ICC-ES ESR-2269	<p>CONTRACTOR'S RESPONSIBILITY</p> <p>1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL SUB-CONTRACTOR SUBMITTALS AND NOTING ALL DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.</p> <p>2. SUBSTITUTION REQUESTS SHALL BE SUBMITTED IN WRITING. A COMPARISON OF THE DATA WITH THE MATERIAL SPECIFIED INCLUDING CODE APPROVALS SHALL BE PROVIDED.</p> <p>3. REQUESTS FOR INFORMATION (RFI) SHALL BE SUBMITTED IN WRITING WITH SUGGESTED SOLUTION INCLUDED.</p> <p>4. DEFECTIVE WORK REPORT (DWR) SHALL BE SUBMITTED TO THE ENGINEER. THE DWR SHALL REPORT THE DEFECT AND PROPOSE A REMEDIATION OF THE DEFECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REMEDIATION OF THE DEFECT INCLUDING ENGINEERING COSTS, IF ANY.</p> <p>5. WHEN THE CONTRACTOR BECOMES AWARE OF WHAT MAY BE AN UNFORESEEN CONDITION THAT COULD AFFECT COST OR SCHEDULE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING. AFTER REVIEW AND ENGINEER'S DETERMINATION THAT AN UNFORESEEN CONDITION EXISTS; THE CONTRACTOR SHALL SUBMIT A CHANGE ORDER REQUEST FOR APPROVAL WITH BOTH COST AND SCHEDULE IMPACT ATTACHED.</p> <p>6. THE CONTRACTOR'S SCHEDULE MUST PROVIDE A REASONABLE TIME ALLOWANCE FOR THE ENGINEERING REVIEW AND APPROVAL.</p> <p>7. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR SITE SAFETY. THE ENGINEER IS RESPONSIBLE FOR FOLLOWING THE CONTRACTOR'S CONSTRUCTION SITE SAFETY INSTRUCTIONS PROVIDED IN WRITING. ALTERNATELY, THE CONTRACTOR SHALL ASSIGN AN ESCORT TO ADVISE THE ENGINEER OF SITE SAFETY ISSUES DURING SITE VISITS. THE ENGINEER'S PURPOSE OF A SITE VISIT IS SOLELY TO BECOME FAMILIAR WITH THE GENERAL PROGRESS AND QUALITY OF THE PROJECT. THE ENGINEER'S SITE VISIT IS NOT A QUALITY CONTROL FUNCTION.</p> <p>CONSTRUCTION MEANS AND METHODS ISSUES</p> <p>1. SLAB ON GRADE ARE NOT DESIGNED TO SUPPORT CRANES, FORKLIFTS, TRUCKS, MANLIFTS, OR OTHER CONSTRUCTION RELATED EQUIPMENT UNLESS NOTED AS SUCH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF CONSTRUCTION EQUIPMENT CAN BE SAFELY OPERATED ON THESE SLABS AND TO REPAIR ANY DAMAGE THE EQUIPMENT MAY CAUSE.</p> <p>2. THE CONSTRUCTION DOCUMENTS REPRESENT A STABLE STRUCTURE IN THE COMPLETED FORM. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY BRACING AND/OR SHORES TO SAFELY CONSTRUCT THE BUILDING AND PREVENT DAMAGE DURING CONSTRUCTION.</p> <p>3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION THAT MAY AFFECT THE PROJECT AND REPORT DISCREPANCIES TO THE ENGINEER. ANY DIMENSIONS FOR ELEVATIONS THAT IMPACT NEW WORK SHALL BE VERIFIED PRIOR TO FABRICATION OF ANY MATERIAL. EXISTING BUILDING ELEMENTS THAT ARE TO BE ABANDONED THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.</p> <p>4. WHEN A PIECE OF EQUIPMENT (HVAC, ELECTRICAL, KITCHEN, ETC.) IS PROVIDED THAT IS DIFFERENT THAN THE EQUIPMENT THAT THE STRUCTURE WAS DESIGNED FOR EITHER BY SIZE, WEIGHT OR CONFIGURATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REMEDY OF THE SITUATION. THOSE COSTS SHALL INCLUDE THE ENGINEERING COSTS TO REDESIGN PORTIONS OF THE STRUCTURE TO ACCOMMODATE THE SUBSTITUTED EQUIPMENT.</p> <p>5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN AND MATERIALS FOR ATTACHING NON-STRUCTURAL ELEMENTS TO ANY PORTION OF THE STRUCTURE TO RESIST ALL LOADS, INCLUDING SEISMIC, IN A WAY THAT DOES NOT OVERSTRESS STRUCTURAL MEMBERS. NON-STRUCTURAL ELEMENTS CAN BE FOUND IN EACH OF THE OTHER DISCIPLINES (ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC.).</p> <p>STRUCTURAL TESTS, INSPECTIONS, AND QUALITY ASSURANCE</p> <p>1. ALL STRUCTURAL TESTS AND INSPECTIONS SHALL BE PERFORMED PER CHAPTER 17 OF THE BUILDING CODE WITH LOCAL SUPPLEMENTS, UNLESS MORE STRINGENT REQUIREMENTS ARE SPECIFIED.</p>	<div style="text-align: center;">  <p>PROFESSIONAL ENGINEERING CONSULTANTS 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com</p> </div> <div style="text-align: center;">  <p>CITY OF WICHITA</p> </div> <div style="text-align: center;">  <p>RYAN S. TAYLOR LICENSED 28617 10/18/2023 KANSAS PROFESSIONAL ENGINEER</p> </div> <div style="text-align: center;"> <p>SOUTH LAKES SPORTS PARK WICHITA, KS</p> </div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Issue:</td> <td></td> <td></td> </tr> <tr> <td></td> <td>100% PLANS</td> <td>10/18/23</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>JOB NO.</td> <td colspan="2">220008-003</td> </tr> <tr> <td>DATE</td> <td colspan="2">18 OCTOBER 2023</td> </tr> <tr> <td>PM</td> <td colspan="2">NLS</td> </tr> <tr> <td>DESIGNED BY</td> <td colspan="2">RST</td> </tr> <tr> <td>DRAWN BY</td> <td colspan="2">RST</td> </tr> <tr> <td>CHECKED BY</td> <td colspan="2">WAG</td> </tr> <tr> <td colspan="3" style="text-align: center;">GENERAL NOTES</td> </tr> <tr> <td colspan="3" style="text-align: center;">S002</td> </tr> </table>	Issue:				100% PLANS	10/18/23																JOB NO.	220008-003		DATE	18 OCTOBER 2023		PM	NLS		DESIGNED BY	RST		DRAWN BY	RST		CHECKED BY	WAG		GENERAL NOTES			S002		
THICKNESS	REINFORCING																																																																																																								
8"	(2) #4																																																																																																								
THICKNESS	INTERIOR NON-LOAD BRG. WALLS	EXTERIOR & LOAD BRG. WALLS																																																																																																							
8"	#5 AT 48" O.C.	#5 AT 48" O.C.																																																																																																							
OPENING WIDTH	LINTEL																																																																																																								
< 4'-0"	8"x8" CMU "U" SHAPED BOND BEAM W/ (2) #5																																																																																																								
> 4'-0"	REF. PLANS																																																																																																								
TYPE	ASTM	GRADE																																																																																																							
W & WT SHAPES	A992	----																																																																																																							
PLATES, CHANNELS, & ANGLES	A36	----																																																																																																							
RECTANGULAR HSS SECTIONS	A500	C (Fy=50 KSI)																																																																																																							
STRUCTURAL BOLTS	A325	---- (ASTM F1852)																																																																																																							
ERECTION BOLTS	A307	----																																																																																																							
MANUFACTURER/PRODUCT	REPORT NUMBER																																																																																																								
HILTI HIT-HY200 SSS* WITH HIT-Z ROD	ICC-ES ESR-3187																																																																																																								
HILTI HIT-HY200 SSS* WITH HOLLOW BIT & HAS-E ROD	ICC-ES ESR-3187																																																																																																								
HILTI HIT-HY200 SSS* WITH HOLLOW BIT & STEEL REINFORCING	ICC-ES ESR-3187																																																																																																								
*SAFE SET SYSTEM																																																																																																									
MANUFACTURER/PRODUCT	REPORT NUMBER																																																																																																								
HILTI HIT-HY 270 SAFE SET SYSTEM WITH HAS-E ROD	ICC-ES ESR-2682																																																																																																								
MANUFACTURER AND PRODUCT	REPORT NUMBER																																																																																																								
HILTI X-U (0.157" DIA., 1" EMBED)	ICC-ES ESR-2269																																																																																																								
Issue:																																																																																																									
	100% PLANS	10/18/23																																																																																																							
JOB NO.	220008-003																																																																																																								
DATE	18 OCTOBER 2023																																																																																																								
PM	NLS																																																																																																								
DESIGNED BY	RST																																																																																																								
DRAWN BY	RST																																																																																																								
CHECKED BY	WAG																																																																																																								
GENERAL NOTES																																																																																																									
S002																																																																																																									