GENERAL NOTES

1. GENERAL:

- A. APPLICABLE STRUCTURAL CODE: NORTH CAROLINA BUILDING CODE 2018 EDITION, IN CONJUNCTION WITH ASCE 7-10 AND LOCAL AMENDMENTS.
- B. THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. EXCEPT WHERE NOTED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE STRUCTURAL ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS).
- C. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE REFERENCED EDITION AND/OR ADDENDA. ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF A REGISTERED ENGINEER RECOGNIZED BY THE BUILDING CODE JURISDICTION OF THIS PROJECT.
- D. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPENCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.
- E. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, AND ELECTRICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL REQUIREMENTS INTO THE SHOP DRAWINGS AND CONSTRUCTION.
- F. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION. G. CONNECTIONS OF ALL ITEMS SUPPORTED BY THE STRUCTURE ARE THE
- RESPONSIBILITY OF THE DISCIPLINES WHO ARE MAKING THESE ATTACHMENTS. THESE ATTACHMENTS SHALL BE DESIGNED TO RESIST ALL GRAVITY, WIND, WIND UPLIFT, THERMAL LOADS, ETC.
- H. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR A NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- I. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS & FIELD CONDITIONS. BUILDING DIMENSIONS AND ELEVATIONS. WHERE SHOWN, WERE PROVIDED BY THE ARCHITECT AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCIES SHALL BE RESOLVED THROUGH THE ARCHITECT. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WITH THE APPROPRIATE TRADE DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
- I. ENGINEER'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. DOES NOT RELIEVE THE CONTRACTOR FROM MEETING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY SPECIFIC DEVIATIONS AND OBTAIN ENGINEER'S WRITTEN APPROVAL FOR THE SPECIFIC DEVIATION.
- K. UNLESS NOTED, SUBMIT SHOP DRAWINGS OF ALL FABRICATED MATERIALS FOR REVIEW. DESIGN DRAWINGS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. SHOP DRAWINGS WILL NOT BE REVIEWED UNLESS THEY WERE CHECKED, BEAR THE INITIAL OF THE CHECKER AND ARE STAMPED "APPROVED" BY THE GENERAL CONTRACTOR.
- L. ALL REQUIRED TESTING REPORTS SHALL BE AVAILABLE AT THE JOB SITE. M. NO SUPPORT PROVISIONS HAVE BEEN MADE FOR EQUIPMENT OVER 300 POUNDS OR PIPES OVER 4" DIAMETER EXCEPT AS SHOWN. UNLESS NOTED, EQUIPMENT SHALL BE SUPPORTED BY TWO (2) BEAMS OR TRUSSES WHERE EACH SUPPORTS HALF OF THE EQUIPMENT WEIGHT. ANY ADDITIONAL REQUIREMENTS SHOULD BE APPROVED BY THE ENGINEER. EQUIPMENT AND PIPES SHALL BE BRACED LATERALLY BY THE INSTALLER TO RESIST SEISMIC FORCES.
- N. EQUIPMENT WEIGHTS SHOWN ON THE STRUCTURAL DRAWINGS ARE MAXIMUM OPERATING WEIGHTS INCLUDING CURBS AND MISCELLANEOUS ITEMS. THE CONTRACTOR SHALL VERIFY AND BRING TO THE ATTENTION OF THE ENGINEER ANY DEVIATIONS.
- O. WHERE ROOF DRAINS ARE USED FOR ROOF DRAINAGE, AN EMERGENCY DRAINAGE SYSTEM SHALL BE PROVIDED TO MINIMIZE WATER ACCUMULATION (REF ARCHITECTURAL DRAWINGS).
- P. JOHNSTON BURKHOLDER ASSOCIATES, ITS EMPLOYEES, AND REPRESENTATIVES SHALL NOT BE RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS AND METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH CONSTRUCTION: NOR WILL THEY BE RESPONSIBLE FOR ANY FAILURE BY THE CONTRACTOR TO PERFORM OR COMPLETE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. JOBSITE VISITS BY JOHNSTON BURKHOLDER ASSOCIATES SHALL NOT CONSTITUTE APPROVAL, AWARENESS, OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

2. DESIGN CRITERIA:

- A. DEAD LOADS - REF FRAMING PLAN
- B. LIVE LOADS
- ROOF = 20 PSF
- C. RISK CATEGORY = II
- D. SNOW LOADS
- 1. GROUND SNOW LOAD = 15 PSF 2. FLAT-ROOF SNOW LOAD = 10.5 PSF
- 3. SNOW EXPOSURE FACTOR, Ce = 1.0
- 4. THERMAL FACTOR, Ct = 1.0 (MAIN BUILDING)
- 5. SNOW LOAD IMPORTANCE FACTOR, I = 1.0
- 6. ALL APPLICABLE EFFECTS DUE TO SNOW DRIFTING
- E. WIND LOADS
- 1. CODE MINIMUM ULTIMATE WIND SPEED = 116 MPH
- 2. DESIGN ULTIMATE WIND SPEED = 145 MPH
- 2. WIND LOAD IMPORTANCE FACTOR = 1.0 3. WIND EXPOSURE CATEGORY = C FOR MAIN WIND FORCE-RESISTING SYSTEM
- 4. WIND EXPOSURE CATEGORY = C FOR COMPONENTS AND CLADDING
- F. SEISMIC LOADS
- 1. SEISMIC IMPORTANCE FACTOR, I = 1.0 2. MAPPED SPECTRAL RESPONSE ACCELERATIONS
- Ss = 0.172
- S1 = 0.083
- 3. SOIL SITE CLASSIFICATION = D
- 4. DESIGN SPECTRAL RESPONSE PARAMETERS
- Sds = 0.184 - Sd1 = 0.132
- 5. SEISMIC DESIGN CATEGORY = B 6. BASIC SEISMIC-FORCE-RESISTING SYSTEM = LIGHT FRAME WOOD WALLS WITH
- STRUCTURAL WOOD SHEAR PANELS
- 7. DESIGN BASE SHEAR, V = Cs*W
- 8. SEISMIC RESPONSE COEFFICIENT, Cs = 0.0283 9. RESPONSE MODIFICATION FACTOR, R = 6.5
- 10. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE ANALYSIS
- G. DESIGN LOAD COMBINATIONS (ASD) 1. D
- 2. D + (Lr OR S OR R)
- 3. D + (0.6W OR 0.7E)
- 4. D + 0.75(Lr OR S OR R) + 0.75(0.6W OR 0.7E)
- 5. 0.6D + 0.6W
- 6. 0.6D + 0.7E
- STRESS INCREASES: INCREASES IN ALLOWABLE STRESSES SPECIFIED IN THE APPROPRIATE MATERIAL CHAPTER OR THE REFERENCED STANDARDS SHALL NOT BE USED WITH THE LOAD COMBINATIONS, EXCEPT THAT A DURATION OF LOAD INCREASE SHALL BE PERMITTED IN ACCORDANCE WITH CHAPTER 23.
- 3. SHALLOW FOUNDATIONS AND BUILDING PAD:
- A. THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT PREPARED BY SUMMIT, A
- UNIVERSAL ENGINEERING SCIENCES COMPANY, DATED FEBRUARY 21, 2022. B. CONTINUOUS FOOTINGS AND SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING A NET ALLOWABLE BEARING PRESSURE OF 2500 PSF AT A DEPTH OF 12 INCHES.
- C. MAXIMUM TOTAL FOUNDATION AND SLAB SETTLEMENT 1" AND DIFFERENTIAL SETTLEMENT 1/2" OVER A DISTANCE OF 50 FEET. MINIMUM SUBGRADE MODULUS 100 PCI. PARAMETERS SHALL BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT ADVERSE CONDITIONS.

- D. CONTRACTOR TO PREPARE SUBGRADE FOR BUILDING PAD AND PAVING AREAS PER

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GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. THE SITE SHALL BE PREPARED UNIFORMLY IN ACCORDANCE WITH CIVIL DRAWINGS.	REPORT SHALL CONSIST OF A MINIMUM 15 MIL ASTM E1745 CLASS A MATERIAL LAPPED CO A MINIMUM OF 6" AND TAPED PER MANUFACTURER RECOMMENDATIONS. THE BARRIER TH SHALL BE PLACED ON TOP OF A SMOOTH AND COMPACTED SUBGRADE SUBFACE. THE INFO
WHERE FILL IS REQUIRED IT SHALL BE PLACED IN ACCORDANCE WITH RECOMMENDATIONS AND UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER.	FLOOR SLAB SHALL BE PLACED OVER A 4" LAYER OF COMPACTED AGGREGATE BASE COURSE ON TOP OF THE VAPOR BARRIER. ANY DAMAGE TO VAPOR BARRIER SHALL BE DEPAIRED BRIDE TO ACCEPTOATE COURSE DI ACEMENT. CARE OVER A STATESTATE
ALL EXCAVATIONS AND BUILDING PADS SHALL BE OBSERVED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THE DESIGN CRITERIA AND REPORT ADVERSE CONDITIONS. (GEOTECHNICAL ENGINEER TO BE HIRED AND PAID BY THE OWNER)	REFAILED FRIOR TO AGGREGATE COURSE PLACEMENT. CARE SHALL BE TAKEN TO TH KEEP MOISTURE AWAY FROM THE COMPACTED SUBBASE. SUBGRADE MUST BE BU ALLOWED TO DRY AFTER RAINS PRIOR TO SLAB PLACEMENT. FLOOD CURING IS NOT DIT
CERTIFICATION OF EXCAVATION SHALL BE PROVIDED TO BUILDING OFFICIAL. IN CASE OF CONFLICT BETWEEN THE GEOTECHNICAL REPORT, SPECIFICATIONS AND DRAWINGS, THE MORE, STRINGENT REQUIREMENT SHALL APPLY	ALLOWED. SAND IS NOT AN ALTERNATIVE FOR THE SUB-BASE COURSE. H. UNLESS NOTED, FLOOR CONTRACTION JOINTS FOR SLAB-ON-GRADE SHALL BE SPACED FOULLLY, CONTRACTION JOINTS SPACING SHALL BE REDUCED AT HOT AND/OR DRY
FOOTING ELEVATIONS GIVEN ARE FOR PURPOSE OF CONTRACT AND SHALL BE ADJUSTED (LOWERED) AT TIME OF EXCAVATION TO MEET SOIL CONDITIONS.	CLIMATE. SAW CUT SLAB (1/8" WIDE X SLAB THICKNESS/4 U.N.O.) AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE DAMAGED BY THE BLADE. JOINT
ENGINEER SHOULD BE CONSULTED. GRANULAR BASE BELOW SLAB-ON-GRADE AND SPREAD FOOTINGS SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE RECOMMENDATIONS AND LINDER THE	OPTIMUM TIME TO CUT THE SLAB WILL BE THE CONTRACTOR'S RESPONSIBILITY. SLABS WITH CRACKS AND/OR SLAB WHICH EXHIBIT "SLAB CURLING" WILL NOT BE
OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER. BACKFILL AGAINST WALLS SHALL BE DEPOSITED EVENLY AGAINST BOTH SIDES OF THE	ACCEPTED. SLAB REPLACEMENT SHALL BE AT OPTION OF THE OWNER AT 2. CONTRACTOR'S EXPENSE. INS L REE ARCHITECTURAL AND CIVIL DRAWINGS FOR SIDEWALKS, EXTERIOR SLABS
WALLS UNTIL THE LOWER GRADE IS REACHED. THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT THE LOCATION OF EXISTING UTILITIES AND PROCEED WITH THE WORK ONLY, AFTER	INTERIOR SLABS, SLAB DEPRESSIONS, AND ELEVATIONS. J. SLAB-ON-GRADE AT CORNERS OF OPENINGS, CUT OUTS AND PENETRATIONS SHALL BE
WRITTEN APPROVAL FROM THE ARCHITECT. EXCAVATIONS FOR CONTINUOUS FOOTINGS SHALL BE MADE TRUE TO LINE AND	REINFORCED WITH 2-#4 (3'-0" LONG). CO K. AT SLAB-ON-GRADE, SEAL COLUMN BOX-OUTS, CONSTRUCTION JOINTS AND CO CONTRACTION JOINTS TO PREVENT WATER PENETRATION UNDER SLAB DURING & BL
GRADE. THE SIDES OF THE FOOTINGS SHALL BE FORMED, EXCEPT WHERE SOIL CONDITIONS ARE SUCH THAT THE SIDES OF THE EXCAVATION STAND FIRM AND SQUARE. EXCAVATIONS SHALL BE MADE TO FIRM, CLEAN BEARING SOIL.	AFTER CONSTRUCTION TO PREVENT SOILS FROM EXPANDING. CH L. PIPES, DUCTS, CONDUITS, ETC. SHALL NOT BE PLACED IN SLABS UNLESS APPROVED 3.
EXCAVATIONS FOR FOOTINGS AND FOUNDATIONS, WHICH ARE TO SERVE AS FORMS, SHALL BE THOROUGHLY WET PRIOR TO PLACING CONCRETE.	BY THE STRUCTURAL ENGINEER. (PLACE A MINIMUM 4" BELOW SLAB). M. THE GENERAL CONTRACTOR, INCLUDING SUB CONTRACTORS AND SUPPLIERS SHALL NOT DRIVE OR PARK HEAVY FOUIPMENT ON THE CONCRETE SLAB. ANY DAMAGE TO AP
NCRETE:	SLAB DUE TO HEAVY EQUIPMENT SHALL BE REPLACED AT CONTRACTOR'S EXPENSE. SP N. COMBUSTION HEATERS SHALL NOT BE USED DURING CONCRETE PLACEMENT UNLESS DEFENDITIONS ARE TAKEN TO DEFUSIVE OF THE CONCRETE TO EXHAUST
28-DAY COMPRESSIVE STRENGTH, AND DENSITY, AND WATER/CEMENT IN ACCORDANCE WITH THE FOLLOWING:	GASES. 0. REF ARCH SPECIFICATIONS FOR ALL FLOOR SLAB FINISHES. PROGR
LOCATION STRENGTH, PSI DENSITY, PCF MAX W/C RATIO	P. PROVIDE NEW TROWEL BLADES FOR CONCRETE FINISHING OF FLOOR SLABS. A. CO
ALL OTHER CONCRETE (UNO) 3000 145 0.55 NOTE: DESIGN STRENGTH BASED ON 2,500 PSI CONCRETE	7. POST-INSTALLED ANCHORING SYSTEM: 1. A. UNLESS NOTED, ALL ANCHORS IN CONCRETE SHALL BE CARBON STEEL HILTI KWIK AN HUS-EZ SCREW ANCHORS PER ICC ESE-3056 OR APPROVED ICC FOUNDALENT 2.
UNLESS NOTED, CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II, OR C595, TYPE L. AGGREGATES SHALL BE NORMAL WEIGHT CONFORMING TO ASTM C33.	B. WHERE NOTED ON THE DRAWINGS FOR CONCRETE ANCHORAGE, USE HILTI HIT HY-100 THREADED ROD ADHESIVE ANCHORING SYSTEM (ICC ESR-3574) OR APPROVED ICC 3.
CONCRETE EXPOSED TO WEATHER (I.E., EXPOSED EXTERIOR SLABS, CONCRETE WALLS, RETAINING WALLS, ETC.) SHALL BE AIR-ENTRAINED IN ACCORDANCE WITH ACI	EQUIVALENT. UNLESS NOTED, ANCHOR EMBEDMENT SHALL BE AS FOLLOWS: 3/8" DIA. - 3 3/8", 1/2" DIA 4 1/2", 5/8" DIA 5 5/8", 3/4" DIA 6 3/4". C. LINI ESS NOTED, ANCHOR SPACING (AS) AND ANCHOR EDGE DISTANCE (ED). SHALL BE 4.
318. UNLESS NOTED, MAXIMUM SLUMP FOR CONCRETE SHALL BE 4 INCHES (PLUS OR	AS PUBLISHED BY THE MOST CURRENT APPROVED HILTI REPORT IN ORDER TO DEVELOP MAXIMUM WORKING LOAD.
RECORD, LARGER SLUMP IS PERMITTED WITH THE ADDITION OF HIGH RANGE WATER REDUCING ADMIXTURE.	D. ALL ANCHORS SHALL BE INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS AND UNDER MANUFACTURER'S SUPERVISION IN ORDER TO DEVELOP THE PUBLISHED WORKING LOADS.
CONCRETE CURING SHALL COMPLY WITH ACI 308. CURING PROCESS SHALL START IMMEDIATELY FOLLOWING INITIAL SET. CONCRETE SHALL BE MAINTAINED IN MOIST CONDITION FOR AT LEAST 7 DAYS AFTER PLACEMENT UNLESS PROVISIONS OF ACI-318	E. MINIMUM CONCRETE COMPRESSIVE STRENGTH REQUIRED AT TIME OF INSTALLATION OF ANY ANCHORS SHALL BE 2500 PSI. 12. SIPS
ARE FOLLOWED. HOT WEATHER CONCRETING: SPECIAL PRECAUTIONS RECOMMENDED BY ACI 305	A. TH 8. WOOD FRAMING: A. ALL NAILING NOT NOTED SHALL BE PER TYPICAL DETAIL AND COMMON NAIL DIAMETER
FAHRENHEIT OR WHEN THE AMBIENT TEMPERATORE IS ABOVE TO DEGREES FAHRENHEIT OR WHEN MAXIMUM RATE OF EVAPORATION IN THE CONCRETE EXCEEDS 0.2 LB/SF/HR. THIS RATE IS AFFECTED BY ANTEMPERATURE, RELATIVE HUMIDITY, DECEMPERATURE AND WEND VELOCITY, AFFECTED FUNCTION OF THE FUNCT	TABLE BELOW. ALL BOLTING SHALL BE PER STRUCTURAL STEEL SECTION ABOVE. PR WOOD CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE B. SIF COMPANY_INC_OR OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC CO
LIGHT FOG SPRAY UNTIL CURING COMPOUND IS USED, OR WET CURING METHOD IS MPLEMENTED.	APPROVAL. WHERE "TYPE" OF CONNECTOR IS INDICATED ON THE DRAWINGS, THE CONNECTOR AND ATTACHMENT SHALL BE PER THE MAXIMUM MODEL NUMBER BASED ON THE SIZE OF THE MEMBERS CONNECTED
COLD WEATHER CONCRETING: WHEN, FOR MORE THAN THREE (3) CONSECUTIVE DAYS, THE MEAN DAILY TEMPERATURE DROPS BELOW 40 DEGREES FAHRENHEIT, SPECIAL MATERIALS AND PROCEDURES SHALL BE PROVIDED DURING PLACING AND	B. WOOD FRAMING MEMBERS SHALL NOT BE NOTCHED OR DRILLED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT.
CURING OF CONCRETE PER ACI 306.	NAIL TYPE REQ'D DIA REQ'D GA LENGTH NAIL TYPE REQ'D DIA REQ'D GA LENGTH C. TH AN AN
INFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 (U.N.) AND GRADE 40 FOR #2 AND SMALLER RARS, CRADE 60 DEINEORCING MAY NOT BE DE DENT OR FIELD	6d 0.113" 11 1/2 2" 12d 0.148" 9 3 1/4" AN 8d 0.131" 10 1/4 2 1/2" 16d 0.162" 8 3 1/2" FO 10d 0 148" 0 2" 20d 0 102" 6 4" - <t< td=""></t<>
BENT WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER. WELDED WIRE REINFORCING SHALL CONFORM TO ASTM A-1064, MINIMUM LAP SHALL	C. WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19%
BE 8" U.N.O. REINFORCING THAT IS WELDED SHALL BE WELDABLE TYPE, ASTM A-706. NO TACK WELDING OF REINFORCING IN THE FIELD WILL BE REPMITTED.	WHEN DELIVERED TO THE JOB SITE. E. SIF D. PRESERVATIVE-TREATED WOOD: SP 4. AND SIME DELATED WOOD: SH
ALL DETAILING, FABRICATION AND PLACING OR REINFORCING BARS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO ACI 318, "BUILDING CODE REQUIREMENTS	WOOD. WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF AU EXTERIOR MASONRY OR CONCRETE WALLS BELOW GRADE SHALL BE TH
FOR STRUCTURAL CONCRETE" AND THE LATEST ACT "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES". MINIMUM LAP SPLICE AND TENSION DEVELOPMENT DIMENSION TABLE BASED ON 3000	2. ALL WOOD FRAMING MEMBERS, INCLUDING WOOD SHEATHING THAT ARE IN CONTACT WITH EXTERIOR WALLS AND ARE LESS THAN 8 INCHES FROM FINISHED
PSI NORMAL WEIGHT CONCRETE, Fy = 60 KSI, NON-COATED BARS, LAP CLASS B, WITH 3" MIN CLR:	GRADE SHALL BE PRESERVATIVE-TREATED WOOD. 3. ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH DESERVATIVE TREATED WOOD SHALL BE USE DIRDED ZING COATED CALVANIZED
#3 21" 16" #3 16" 12" #4 23" 18" #4 18" 14"	STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED GALVANIZED SHALL BE PER ASTM A153. FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG
#528"22"#522"17"#634"26"#626"20"	WITH COATING WEIGHTS PER ASTM B695, CLASS 55 MINIMUM. 4. ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH
WHEN LAPPING TWO DIFFERENT SIZE BARS, USE THE LAP DIMENSION OF THE SMALLER	PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE PER ASTM A153, FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG
DIMENSION IS LARGER. MINIMUM CONCRETE COVER FOR REINFORCING	SCREWS ARE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS PER ASTM B695, CLASS 55 MINIMUM.
CONCRETE REINFORCING SHALL BE PLACED PER THE TOLERANCES OF ACI 117 AND ACI 318 MINIMUM COVER	E. FRAMING LUMBER SHALL COMPLY WITH THE REFERENCED EDITION OF THE GRADING BUILES OF THE WWPA OR THE WCUB, ALL SAWN LUMBER SHALL BE STAMPED WITH THE
FOOTINGS, GRADE BEAMS AND SLABS CAST AGAINST & PERMANENTLY EXPOSED TO EARTH 3"	GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY AND SHALL HAVE MINIMUM PROPERTIES WHICH MEET OR EXCEED THE FOLLOWING WOOD TYPES:
SLABS ON GRADEMID-DEPTHINTERIOR SLABS AND STAIRS1"	 EXTERIOR WALL STUDS: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER, OR SOUTHERN PINE No. 2 OR BETTER. HEADERS: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER. OR SOUTHERN PINE No. 2
EXTERIOR SLABS AND STAIRS #5 AND SMALLER 1 1/2" EXTERIOR SLABS AND STAIRS #6 AND LARGER 2" MALLS INTERIOR FACE 1"	OR BETTER. 3. BEARING PLATES AND TOP PLATES: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER, OR SOUTHERN DIVE No. 2 OR BETTER
WALLS INTERIOR FACE #5 AND SMALLER 1 1/2" WALLS INTERIOR FACE #6 AND LARGER 2"	9. PREFABRICATED WOOD TRUSS FRAMING MEMBERS:
VERIFY W/ ENVIRONMENTAL CONDITIONS PER ACI 318, CHAPTER 19.	A. FRAMING MEMBERS SHALL BE DESIGNED TO SUPPORT SELF WEIGHT PLUS LIVE LOAD AND SUPERIMPOSED DEAD LOADS STATED IN THE GENERAL STRUCTURAL NOTES OR AS LOCATED ON BLANS, PRIDCING SIZE AND SPACING BY FABRICATOR LINE ESS NOTED
ABS: MAXIMUM SLUMP WITHOUT A PLASTICIZER AT POINT OF PLACEMENT SHALL BE 5 INCHES. MIX DESIGNS SHALL TAKE CARE TO PROVIDE THE LARGEST POSSIBLE SIZE OF	OTHERWISE. ALL CONNECTORS SHALL HAVE CURRENT ICC APPROVAL. FRAMING MEMBERS SHALL BE AGENCY STAMPED AND CONFORM TO THE REFERENCED BUILDING
COARSE AGGREGATE WHILE MAINTAINING CONCRETE WORKABILITY. NOMINAL MAXIMUM AGGREGATE SIZE SHALL NOT BE LESS THAN 3/4 INCH NOR MORE THAN 1/3 THE DEPTH OF THE SLAB.	TRUSS CONSTRUCTION." CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ERECTION DRAWINGS AND DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER IN THE
FOR INTERIOR SLABS ON GRADE, PROVIDE CONCRETE WITH AN ULTIMATE SHRINKAGE LES THAN 0.05% AT 28 DAYS. LABORATORY TEST RESULTS SHALL BE SUBMITTED	PROJECT LOCATION STATE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SAID SUBMITTAL, IN ADDITION TO LOADS SPECIFIED IN THE G.S.N. AND PLANS, SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
NDICATING THAT THE CONCRETE SLAB ON GRADE MIX DESIGN (OR COMPARABLE) MEETS THE ULTIMATE SHRINKAGE REQUIREMENTS. SHRINKAGE VALUES FOR CONCRETE SPECIMENS SHALL BE TESTED PER ASTM C157 AND THE PROCEDURES IN	1. DEFLECTION/CAMBER: ROOFS WITHOUT PLASTER OR GYPBOARD CEILINGS TOTAL LOAD MAXIMUM = $L/180$, LIVE LOAD MAXIMUM = $L/240$. ROOFS WITH PLASTER OR
ACI 209R TO PREDICT THE ULTIMATE DRYING SHRINKAGE. CONCRETE SHALL BE MIXED, PLACED, FINISHED AND CURED PER REFERENCED EDITION OF ACI 302 1 FOR THE APPROPRIATE ELOOP CLASS TYPE, CURING COMPOUND	FABRICATOR SHALL DESIGN ROOF MEMBERS FOR PONDING WHERE ROOF SLOPES ARE LESS THAN 1/4" PER FOOT. FRAMING MEMBERS SHALL BE CAMBERED FOR 1.0 TIMES
SHALL BE COMPATIBLE WITH ARCHITECTURAL FLOOR FINISH. SLABS SHALL BE PLACED ON A FLAT, SMOOTH, FIRM, COMPACTED SUBGRADE.	THE DEAD LOAD DEFLECTION. MAXIMUM TOTAL LOAD DEFLECTION OF MEMBERS SHALL BE 1"; FABRICATOR SHALL DESIGN ADJACENT MEMBERS FOR MAXIMUM OF 1/4" DIFFERENTIAL DEFLECTION.
FOR SUBGRADE AND SUBBASE PREPARATION, SEE GEOTECHNICAL REPORT AND SPECIFICATIONS. IMMEDIATELY PRIOR TO POURING FACH SLAB A OUALIFIED GEOTECHNICAL ENGINEED	2. TOP CHORD MEMBER WOOD SPECIES SHALL HAVE A SPECIFIC GRAVITY OF 0.42 OR GREATER.
(TO BE PAID BY OWNER) SHALL INSPECT THE PAD AND PROVIDE A CERTIFICATE STATING THAT THE PAD MEETS THE PROJECT DESIGN REQUIREMENTS. IF WEATHER CONDITIONS CHANGE RE-CERTIFICATION WILL BE REQUIRED	B. VERIEY SIZE, WEIGHT AND LOCATION OF SUPPORTED EQUIPMENT WITH ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, SPRINKLER AND THEIR RELATED DRAWINGS. ADDITIONAL FRAMING MEMBERS SHALL BE SUPPLIED AS
SLAB-ON-GRADE REINFORCING SHALL BE SUPPORTED ON CHAIRS AT MID-DEPTH OF SLAB WITH SAND PLATES OR PRECAST CONCRETE SUPPORTS (PRECAST CONCRETE	REQUIRED TO SUPPORT EQUIPMENT. C. FABRICATOR SHALL HAVE ICC APPROVAL OR BE APPROVED ACCORDING TO THE BUILDING JURISDICTION.
SUPPORTS SHOULD BE AT LEAST 4" SQUARE AT THE BASE W/MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI) OF SUFFICIENT HEIGHT TO INSURE THAT REINFORCING IS AT THE PROPER HEIGHT WITH MAXIMUM SPACING OF 3'-0" EACH WAY FOR WELDED WIRE	10. SPECIAL INSPECTIONS:
FABRIC. PLACEMENT OF REINFORCING USING THE PULL- UP METHOD IS NOT PERMITTED.	A. SPECIAL INSPECTOR (SI) SHALL BE RETAINED AND PAID BY THE OWNER AND PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1704 OF THE IBC AS PER TABLE ON S0.3

G. VAPOR BARRIER, JE NOT SPECIFIED BY ARCHITECTURAL SPECIFICATION OR SOILS

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UNIFORMLY IN ACCORDANC	E WITH CIVIL DF	RAWINGS.	E SHALL BE PRE		REPORT SHALL CONSIST OF A MINIMUM 15 MIL ASTM E1745 CLASS A MATERIAL LAPPED A MINIMUM OF 6" AND TAPED PER MANUFACTURER RECOMMENDATIONS. THE BARRIER	CO THE
WHERE FILL IS REQUIRED IT					SHALL BE PLACED ON TOP OF A SMOOTH AND COMPACTED SUBGRADE SURFACE. THE FLOOR SLAB SHALL BE PLACED OVER A 4" LAYER OF COMPACTED AGGREGATE BASE	INS
ENGINEER.			QUALIFIED GEO		COURSE ON TOP OF THE VAPOR BARRIER. ANY DAMAGE TO VAPOR BARRIER SHALL BE REPAIRED PRIOR TO AGGREGATE COURSE PLACEMENT. CARE SHALL BE TAKEN TO	
ALL EXCAVATIONS AND BUI GEOTECHNICAL ENGINEER	LDING PADS SHA TO VERIFY THE	ALL BE OBSERVE DESIGN CRITER	ED BY A QUALIFIE	ED ADVERSE	KEEP MOISTURE AWAY FROM THE COMPACTED SUBBASE. SUBGRADE MUST BE ALLOWED TO DRY AFTER RAINS PRIOR TO SLAB PLACEMENT. FLOOD CURING IS NOT	BUI
CONDITIONS. (GEOTECHNIC CERTIFICATION OF EXCAVA	CAL ENGINEER I	O BE HIRED AN PROVIDED TO B	D PAID BY THE O BUILDING OFFICIA	OWNER) AL. IN CASE	ALLOWED. SAND IS NOT AN ALTERNATIVE FOR THE SUB-BASE COURSE.	IT I SPE
DRAWINGS, THE MORE STR	E GEOTECHNICA RINGENT REQUIF	REMENT SHALL A	CIFICATIONS ANI APPLY.	D	H. UNLESS NOTED, FLOOR CONTRACTION JOINTS FOR SLAB-ON-GRADE SHALL BE SPACED EQUALLY. CONTRACTION JOINTS SPACING SHALL BE REDUCED AT HOT AND/OR DRY E.	SPE DU
FOOTING ELEVATIONS GIVE ADJUSTED (LOWERED) AT T	N ARE FOR PUR	POSE OF CONTR TION TO MEET S	RACT AND SHALL	_ BE S.	SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE DAMAGED BY THE BLADE. JOINT	1. CO
ENGINEER SHOULD BE CON	ISULTED.				FILLER SHALL BE PLACED IN CLEAN JOINTS, OVERFILLED AND SHAVED FLUSH. THE OPTIMUM TIME TO CUT THE SLAB WILL BE THE CONTRACTOR'S RESPONSIBILITY.	INS
AND COMPACTED IN ACCOR			ATIONS AND UN	IDER THE	SLABS WITH CRACKS AND/OR SLAB WHICH EXHIBIT "SLAB CURLING" WILL NOT BE ACCEPTED. SLAB REPLACEMENT SHALL BE AT OPTION OF THE OWNER AT	2.
BACKFILL AGAINST WALLS	SHALL BE DEPOS	SITED EVENLY A	GAINST BOTH SI	DES OF THE	CONTRACTOR'S EXPENSE.	INS ANI
WALLS UNTIL THE LOWER G THE CONTRACTOR SHALL B	GRADE IS REACH	IED. "TENTION OF TH	E ARCHITECT TH	IE	INTERIOR SLABS, SLAB DEPRESSIONS, AND ELEVATIONS.	CO WA
LOCATION OF EXISTING UTIL WRITTEN APPROVAL FROM	LITIES AND PRO	CEED WITH THE	WORK ONLY AF	TER	J. SLAB-ON-GRADE AT CORNERS OF OPENINGS, CUT OUTS AND PENETRATIONS SHALL BE REINFORCED WITH 2-#4 (3'-0" LONG).	DIS CO
EXCAVATIONS FOR CONTIN	UOUS FOOTING	S SHALL BE MAD		AND	K. AT SLAB-ON-GRADE, SEAL COLUMN BOX-OUTS, CONSTRUCTION JOINTS AND CONTRACTION JOINTS TO PREVENT WATER PENETRATION UNDER SLAB DURING &	CO BUI
CONDITIONS ARE SUCH THA	AT THE SIDES OF	THE EXCAVATION	ON STAND FIRM	AND	AFTER CONSTRUCTION TO PREVENT SOILS FROM EXPANDING.	CH/
EXCAVATIONS FOR FOOTING	GS AND FOUND	ATIONS, WHICH A	ARE TO SERVE A	S FORMS,	BY THE STRUCTURAL ENGINEER. (PLACE A MINIMUM 4" BELOW SLAB).	ANI
SHALL BE THOROUGHLY WE	ET PRIOR TO PLA	ACING CONCRET	ſE.		NOT DRIVE OR PARK HEAVY EQUIPMENT ON THE CONCRETE SLAB. ANY DAMAGE TO	AP
ONCRETE:					N. COMBUSTION HEATERS SHALL NOT BE USED DURING CONCRETE PLACEMENT UNLESS	QU
28-DAY COMPRESSIVE STRE	ENGTH, AND DEN	SITY, AND WAT	ER/CEMENT IN		GASES. 11. S	STRI
LOCATION	STRENGTH,	PSI DENSIT	Y, PCF MAX	W/C RATIO	O. REF ARCH SPECIFICATIONS FOR ALL FLOOR SLAB FINISHES. PROV PROVIDE NEW TROWEL BLADES FOR CONCRETE FINISHING OF FLOOR SLABS	GRI
INTERIOR SLABS	3000 3000	145 145	5	0.55 0.55		FOI
ALL OTHER CONCRETE (UN	O) 3000	145	5	0.55	7. POST-INSTALLED ANCHORING SYSTEM: A. UNLESS NOTED, ALL ANCHORS IN CONCRETE SHALL BE CARBON STEEL HILTI KWIK	1. S ANI
NOTE: DESIGN STRENGTH E UNLESS NOTED, CEMENT SI	BASED ON 2,500 HALL CONFORM	PSI CONCRETE TO ASTM C150,	TYPE I OR II, OR	C595, TYPE	HUS-EZ SCREW ANCHORS PER ICC ESR-3056 OR APPROVED ICC EQUIVALENT.	2. \ INT
IL. AGGREGATES SHALL BE ADMIXTURES CONTAINING (NORMAL WEIGH	IT CONFORMING	G TO ASTM C33.	,	THREADED ROD ADHESIVE ANCHORING SYSTEM (ICC ESR-3574) OR APPROVED ICC	3. I RO
CONCRETE EXPOSED TO W	EATHER (I.E., EX		OR SLABS, CONC		- 3 3/8", 1/2" DIA 4 1/2", 5/8" DIA 5 5/8", 3/4" DIA 6 3/4".	BE
318.	ETC.) SHALL BE	AIR-ENTRAINED			C. UNLESS NOTED, ANCHOR SPACING (AS) AND ANCHOR EDGE DISTANCE (ED) SHALL BE AS PUBLISHED BY THE MOST CURRENT APPROVED HILTI REPORT IN ORDER TO B.	4. I FAI
UNLESS NOTED, MAXIMUM S MINUS ONE INCH) AT POINT	SLUMP FOR CON OF PLACEMENT	ICRETE SHALL B	BE 4 INCHES (PLU OVED BY THE EN	JS OR GINEER OF	DEVELOP MAXIMUM WORKING LOAD.	C0 C0
RECORD, LARGER SLUMP IS REDUCING ADMIXTURE.	SPERMITTED W	ITH THE ADDITIC	ON OF HIGH RANG	GE WATER	UNDER MANUFACTURER'S SUPERVISION IN ORDER TO DEVELOP THE PUBLISHED C. WORKING LOADS	PRI WI
CONCRETE CURING SHALL	COMPLY WITH A	CI 308. CURING	PROCESS SHAL		E. MINIMUM CONCRETE COMPRESSIVE STRENGTH REQUIRED AT TIME OF INSTALLATION	
CONDITION FOR AT LEAST 7	DAYS AFTER PL	LACEMENT UNLE	ESS PROVISIONS	OF ACI-318	OF ANY ANCHORS SHALL BE 2500 PSI. 12. S A.	3ips The
HOT WEATHER CONCRETIN	G: SPECIAL PRE	ECAUTIONS REC		ACI 305	8. WOOD FRAMING:	STF PR(
FAHRENHEIT OR WHEN MA	E AMBIENT TEMP	EVAPORATION II	N THE CONCRET	S E EXCEEDS	TABLE BELOW. ALL BOLTING SHALL BE PER STRUCTURAL STEEL SECTION ABOVE.	PR(
0.2 LB/SF/HR. THIS RATE IS CONCRETE TEMPERATURE	AFFECTED BY A AND WIND VELC	IR TEMPERATUR CITY. AFTER FIN	RE, RELATIVE HU NISHING CONCRE	IMIDITY, ETE, USE	COMPANY, INC. OR OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC	
LIGHT FOG SPRAY UNTIL CU IMPLEMENTED.	URING COMPOU	ND IS USED, OR	WET CURING ME	ETHOD IS	CONNECTOR AND ATTACHMENT SHALL BE PER THE MAXIMUM MODEL NUMBER BASED	
COLD WEATHER CONCRETIN	NG: WHEN, FOR	MORE THAN TH	IREE (3) CONSEC		B. WOOD FRAMING MEMBERS SHALL NOT BE NOTCHED OR DRILLED WITHOUT PRIOR	STF
SPECIAL MATERIALS AND PI	ROCEDURES SH	ALL BE PROVID	ED DURING PLAC	CING AND	APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT. C.	L/Z4
					NAIL TYPE REQ'D DIA REQ'D GA LENGTH NAIL TYPE REQ'D DIA REQ'D GA LENGTH	ani All
EINFORCING STEEL: REINFORCING STEEL SHALL		ASTM A-615. GRA	ADE 60 (U.N.) ANE	O GRADE 40	6d 0.113" 11 1/2 2" 12d 0.148" 9 3 1/4" 8d 0.131" 10 1/4 2 1/2" 16d 0.162" 8 3 1/2"	ANI FOI
FOR #3 AND SMALLER BARS	6. GRADE 60 REI	NEODOINC MAY	- (-)			
BENT WITHOUT APPROVAL	OF THE STRUCT		NOT BE RE-BEN	T OR FIELD	10d 0.148" 9 3" 20d 0.192" 6 4" D.	THE
BENT WITHOUT APPROVAL	OF THE STRUCT IG SHALL CONFO	URAL ENGINEEF ORM TO ASTM A-	NOT BE RE-BEN R. 1064, MINIMUM L	T OR FIELD AP SHALL	10d 0.148" 9 3" 20d 0.192" 6 4" D. C. WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% D.	the The Gei
BENT WITHOUT APPROVAL WELDED WIRE REINFORCIN BE 8" U.N.O. REINFORCING THAT IS WELL	OF THE STRUCT IG SHALL CONFC DED SHALL BE V	VELDABLE TYPE	NOT BE RE-BEN R. 1064, MINIMUM L. , ASTM A-706.	T OR FIELD AP SHALL	10d 0.148" 9 3" 20d 0.192" 6 4" D. C. WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% WHEN DELIVERED TO THE JOB SITE. E. D. D. PRESERVATIVE-TREATED WOOD: E. E. D.	THE THE GEI SIP SPE
BENT WITHOUT APPROVAL WELDED WIRE REINFORCIN BE 8" U.N.O. REINFORCING THAT IS WELL NO TACK WELDING OF REIN ALL DETAILING FABRICATIC	OF THE STRUCT IG SHALL CONFO DED SHALL BE V IFORCING IN THE	VELDABLE TYPE FIELD WILL BE	NOT BE RE-BEN R. 1064, MINIMUM L. , ASTM A-706. PERMITTED. NG BARS, UNI FS	T OR FIELD AP SHALL	10d 0.148" 9 3" 20d 0.192" 6 4" D. C. WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% WHEN DELIVERED TO THE JOB SITE. E. D. D. PRESERVATIVE-TREATED WOOD: 1. ALL SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED WOOD WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF E.	THE THE GEI SIP SPE SH/ AU
BENT WITHOUT APPROVAL WELDED WIRE REINFORCIN BE 8" U.N.O. REINFORCING THAT IS WELL NO TACK WELDING OF REIN ALL DETAILING, FABRICATIC OTHERWISE NOTED, SHALL FOR STRUCTURAL CONCRE	OF THE STRUCT IG SHALL CONFO DED SHALL BE V IFORCING IN THE ON AND PLACING CONFORM TO A	VELDABLE TYPE FIELD WILL BE OR REINFORCII CI 318, "BUILDIN	NOT BE RE-BEN R. 1064, MINIMUM L. , ASTM A-706. PERMITTED. NG BARS, UNLES IG CODE REQUIR IAL OF STANDAR	T OR FIELD AP SHALL SS EMENTS	10d0.148"93"20d0.192"64"D.C. WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% WHEN DELIVERED TO THE JOB SITE.E.D. PRESERVATIVE-TREATED WOOD: 1. ALL SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED WOOD. WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY OR CONCRETE WALLS BELOW GRADE SHALL BE PRESERVATIVE-TREATED WOOD.	THE THE SIP SPE SH/ AU ⁻ SE(THE
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- B. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE MPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF E PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL SPECTION.
- E DUTIES OF THE SPECIAL INSPECTOR SHALL INCLUDE, BUT ARE NOT LIMITED TO, RIFICATION OF CONSTRUCTION QUALITY CONTROL, TESTING, COMPLIANCE WITH E CONSTRUCTION DOCUMENTS, BUILDING CODE REQUIREMENTS, AND LOCAL ILDING DEPARTMENT REQUIREMENTS.
- S THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER NOTIFICATION TO THE ECIAL INSPECTOR AND PROCEED WITH THE CONSTRUCTION ONLY AFTER THE ECIAL INSPECTOR'S APPROVAL.
- TIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR: THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR NFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE SPECTOR MAY NOT ALTER. MODIFY. ENLARGE OR WAIVE ANY OF THE QUIREMENTS OF THE DOCUMENTS.
- SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL SPECTOR SHALL FURNISH INSPECTION REPORTS TO THE CONSTRUCTION OFFICIAL, ID TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE INTRACTOR AND THE OWNER. REPORTS SHALL INDICATE THAT WORK INSPECTED AS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. SCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE NTRACTOR AND THE OWNER FOR CORRECTION, IF THE DISCREPANCIES ARE NOT RRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE ARGE AND THE OWNER PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.
- A FINAL REPORT OF INSPECTIONS DOCUMENTING REQUIRED SPECIAL INSPECTIONS D CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE BMITTED PERIODICALLY AT A FREQUENCY AGREED UPON BY THE PERMIT PLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK. WHERE ECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF SPECIFIED ALITY ASSURANCE TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
- UCTURAL ENGINEER OF RECORD (SER) NOTIFICATION OF CONSTRUCTION ESS AND SITE VISIT (WHEN APPLICABLE):
- NTRACTOR SHALL NOTIFY ARCHITECT FIVE (5) WORKING DAYS PRIOR TO THE LLOWING CONSTRUCTION MILESTONES: SPREAD FOOTING FOUNDATIONS: AFTER FOUNDATION REINFORCING IS PLACED D BEFORE PLACING CONCRETE AT THE FOUNDATIONS. WOOD WALL CONSTRUCTION: AFTER WALL STUDS ARE ERECTED AND BEFORE ERIOR SHEATHING IS PLACED.
- ROOF STRUCTURE: AFTER STRUCTURE IS ERECTED AND BEFORE INSULATION AND OFING IS INSTALLED. CONTRACTOR SHALL ARRANGE A PRE-ROOFING MEETING FORE ANY ROOFING WORK IS STARTED.
- PUNCH LIST: AFTER ALL STRUCTURAL ITEMS ARE COMPLETE. ILURE TO NOTIFY ARCHITECT OF ANY CONSTRUCTION MILESTONE MAY RESULT IN NTRACTOR HAVING TO REMOVE WORK FOR THE PURPOSE OF REVIEW AT
- NTRACTOR'S EXPENSE. EMATURE NOTIFICATION FOR SITE VISIT WILL RESULT IN AN ADDITIONAL SITE VISIT TH ALL EXPENSES AND FEES PAID BY THE CONTRACTOR.

PANELS

- E STRUCTURAL INSULATED PANEL (SIPS) SUPPLIER SHALL BE CERTIFIED BY THE RUCTURAL INSULATED PANEL ASSOCIATION (SIPA) PRIOR TO THE START OF ODUCTION OF PANELS AND SHALL HAVE A MINIMUM OF TWO YEARS OF EXPERIENCE ODUCING PANELS.
- PS PANELS SHALL COMPLY WITH THE PERFORMANCE AND DESIGN CRITERIA IN THE NTRACT DOCUMENTS. SIPS SUPPLIER SHALL ENGAGE A QUALIFIED PROFESSIONAL GINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED TO DESIGN L STRUCTURAL COMPONENTS AND CONNECTIONS. SIPS PANELS SHALL WITHSTAND E EFFECTS OF ALL DESIGN LOADS WITHOUT EXCEEDING THE ALLOWABLE WORKING RESSES. SIP PANEL DEFLECTIONS SHALL BE LIMITED TO A MAXIMUM DEFLECTION OF 40 OF THE SPAN.
- E SIPS SUPPLIER SHALL PRODUCE A COMPLETE SET OF SEALED SHOP DRAWINGS D CALCULATIONS FOR REVIEW BY THE EOR. THE SHOP DDRAWINGS SHALL INCLUDE INFORMATION REQUIRED TO PROPERLY INSTALL THE PANELS, AND ANY DETAILS D ALL DESIGN LOADINGS REQUIRED FOR INTERFACING WITH THE BUILDING UNDATION AND SLAB SYSTEM.
- E PANELS SHALL BE BRACED DURING INSTALLATION. BRACING TO BE DESIGNED BY E SIPS SUPPLIER AND SHALL REVIEW THE INSTALLATION PROCEDURES WITH THE NERAL CONTRACTOR TO ENSURE PROPER INSTALLATION.
- PANEL MANUFACTURER SHALL BE APPROVED TO PERFORM WORK WITHOUT ECIAL INSPECTION, AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR ALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE OWNER OR THE OWNER'S THORIZED AGENT FOR SUBMITTAL TO THE BUILDING OFFICIAL AS SPECIFIED IN CTION 1704.5 STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH E APPROVED CONSTRUCTION DOCUMENTS.

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PROFESSIONAL SEAL 04/11/24 REVISIONS DATE OTP 02/15/23 OTB SET 01/05/24



PROFESSIONAL IN CHARGE

PROJECT MANAGER QUALITY CONTROL SMK **DRAWN BY**

IRΔ

PROJECT NAME

CIRCLE K STORES, INC.

ANGIER, NC

9706 KENNEBEC CHURCH ROAD. **ANGIER, NC 27501**

PROTOCYCLE # R1.1 11/21/22



CIRCLE K STORE INC. PROJECT NUMBER: 22130

GENERAL NOTES



+11.4 -44.7 10 20 +10.7 -41.7 50 +10.0 -37.8 +10.0 -34.9 100 +11.4 -59.0 10 +10.7 20 -55.2 2 +10.0 50 -50.2 100 +10.0 -46.4 -80.4 10 +11.4 +10.7 20 -72.8 3 50 +10.0 -62.8 100 +10.0 -55.2 NOTES: 1. THE VALUES PROVIDED HEREIN ARE ALLOWABLE STRESS DESIGN LOADS (ALREADY INCLUDE 0.6 FACTOR) AND ARE INTENDED FOR SERVICEABILITY LIMITS. THESE VALUES DO NOT REFLECT THE ULTIMATE LOADING THAT MAY BE EXPERIENCED BY THE BUILDING. THE ROOFING SYSTEM SHALL BE BASED ON AN EFFECTIVE WIND AREA OF 10 SF. COMPONENT AND CLADDING WIND PRESSURE SCHEDULE (145 MPH)

COMPONENT AND CLADDING WIND PRESSURE DIAGRAM - WALLS

C&C EFFECTIVE POSITIVE NEGATIVE ZONE WIND AREA PRESSURE PRESSURE

(SF) (PSF) (PSF)

ZONE



COMPONENET AND CLADDING WIND PRESSURE DIAGRAM - ROOF



C&C ZONE		EFFECTIVE WIND AREA	POSITIVE PRESSURE	NEGATIVE PRESSURE
		(5F)	(PSF)	(PSF)
		10	+25.7	-27.8
$\left \right $		20	+24.5	-26.7
	•	50	+23.0	-25.2
		100	+21.9	-24.0
		10	+25.7	-34.2
$\left(\right)$	_	20	+24.5	-32.0
5	50	+23.0	-29.0	
	100	+21.9	-26.7	
		10	+103.1	-54.3
6	20	+93.8	-50.7	
	50	+81.7	-45.9	
	100	+72.4	-42.3	



AB ACI	ANCHOR BOLT AMERICAN CONCRETE INSTITUTE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION AMERICAN IRON AND STEEL INSTITUTE
ARCH	
ASTM AWS	AMERICAN SOCIETY FOR TESTING AND MATERIALS AMERICAN WELDING SOCIETY
BFF	BELOW FINISHED FLOOR
BL BM	BLOCK LINTEL BEAM
BO	BOTTOM OF
BOS BRG	BOTTOM OF STEEL BEARING
CJ	CONTRACTION JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
	COLUMN
COND	CONDENSER UNIT
CONST	CONSTRUCTION
DBA	DEFORMED BAR ANCHOR
DIA	DIAMETER EXHAUST FAN
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EQ EW/	EQUAL
FDN	FOUNDATION
FF	FINISHED FLOOR
FTG	FOOTING
FV	FIELD VERIFY
GC	GENERAL CONTRACTOR
GYP	GYPSUM BOARD
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
INFO	INFORMATION
ISO	
JBE	JOIST BEARING ELEVATION JOIST
JT	
L	LENGTH
LB	
LLH	LONG LEG HORIZONTAL
MAX	MECHANICAL
MFR	
MISC	MISCELLANOUS
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
NO	
NTS	NOT TO SCALE
OFOP	OUTSIDE FACE OF PANEL
OH	OPPOSITE HAND
PAF	POWER ACTUATED FASTENER
PC	
PL	PLATE
PLF PLUMB	POUNDS PER LINEAR FOOT
PMEJ	PREMOLDED EXPANSION JOINT
PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
QTY	QUANITY
RCU REF	REFRIGERATION CONDENSING UNIT REFER TO
REINF	REINFORCING
REQD REV	REQUIRED
RLL	ROOF LIVE LOAD
ROT	ROUGH OPENING ROTATE
RTU	
SCHED	SCHEDULE STEEL DECK INSTITUTE
SIM	SIMILAR
SIP	STRUCTURAL INSULATED PANEL STEEL JOIST INSTITUTE
SPCS	SPACES
STRUC	STRUCTURAL
T&B	
TL	TOTAL LOAD
TO	
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOW	TOP OF WALL
TRANS	TRANSVERSE
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
WP	WORK POINT
WWR	WELDED WIRE REINFORCEMENT



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CIRCLE K STORES, INC.

ANGIER, NC

9706 KENNEBEC CHURCH ROAD, ANGIER, NC 27501

PROTOCYCLE # R1.1 11/21/22



CIRCLE K STORE INC. **PROJECT NUMBER: 22130**



DOWN. REF SIPS PANEL DRAWINGS FOR HOLD DOWN DETAILS AND EXACT LOCATIONS \bigcirc OFOP OUTSIDE FACE OF PANEL -SIP OR INSULATED WALL

EXHAUST FAN (EF)

APPROXIMATE LOCATION OF SHEAR WALL HOLD

LEGEND

ROOF TOP UNIT (RTU)

FOOTING MARK; REF SCHED

◇OFOW OUTSIDE FACE OF WALL -CONCRETE STEM WALL

WFX

FX

•

S0.2

ABBREVIATIONS

SOIL BEARING (2015 IBC	1705.6)	
VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	PERIODIC	-
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	PERIODIC	-
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	PERIODIC	-
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC	-

CONCRETE CONSTRUCTION (2015 IBC 1705	5.3 AND ACI 31	8-14)
VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. INSPECTION OF REINFORCING STEEL AND PLACEMENT	PERIODIC	IBC 1908.4; ACI 318: Ch 20, 25.2, 25.3, 26.6.1-26.6.3
2. NOT USED.	-	-
3. INSPECTION OF ANCHORS CAST IN CONCRETE INCLUDING, SIZE, LENGTH, PROJECTION, AND LOCATION.	PERIODIC	ACI 318: 17.8.2
4A. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS - ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. INSPECTIONS SHALL INCLUDE HOLE SIZE AND DEPTH, CLEANING PROCEDURE, MATERIALS, AND LOCATION.	CONTINUOUS	ACI 318: 17.8.2.4
4B. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS - MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 3A.INSPECTIONS SHALL INCLUDE HOLE SIZE AND DEPTH, CLEANING PROCEDURE, MATERIALS, AND LOCATION.	PERIODIC	ACI 318: 17.8.2
5. INSPECTION TO VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	IBC 1904.1, 1904.2, 1908.2, 1908.3; ACI 318: CH. 19, 26.4.3, 26.4.4
6. INSPECTION PRIOR TO CONCRETE PLACEMENT, AND 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. REF TO GENERAL NOTES, CAST-IN-PLACE CONCRETE EXECUTION FOR TESTING REQUIREMENTS.	CONTINUOUS	IBC 1908.10; ASTM C172, ASTM C31; ACI 318: 26.4.5, 26.12
7. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	IBC:1908.6, 1908.7, 1908.8; ACI 318: 26.4.5
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	IBC:1908.9; ACI 318: 26.4.7-26.4.9
9. NOT USED.	-	-
10. INSPECT ERECTION OF PRECAST (OR SITE CAST) CONCRETE MEMBERS.	PERIODIC	ACI 318: CH. 26.8
11. NOT USED.	-	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 26.11.1.2(b)
EXCEPTIONS TO CONCRETE SPECIAL INSPECTION: 1. INSPECTION IS NOT REQUIRED FOR PLACEMENT OF SLAB-ON-GRADE CO REINFORCEMENT IS REQUIRED PRIOR TO PLACEMENT OF CONCRETE.	DNCRETE. INSPEC	TION OF SLAB-ON-GRADE

 INSPECTION IS NOT REQUIRED FOR FOR PLACEMENT OF FOUNDATION CONCRETE (DESIGN fc OF 2,500 PSI). INSPECTION OF FOUNDATION REINFORCEMENT IS REQUIRED PRIOR TO PLACEMENT OF CONCRETE.

STRUCTURAL SPECIAL INSPECTIONS (2015 IBC)

WOOD LATERAL FORCE RESISTING SYSTEM (20	15 IBC 1705.11	AND 1705.12):
VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. WIND-RESISTING SYSTEM (IBC 1705.11.1) AND SEISMIC RESISTING SYSTEM	M (IBC 1705.12.2)	
A. VERIFY NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITH IN THE MAIN LATERAL FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES AND HOLD-DOWN WHERE NAIL SPACING OF WOOD DIAPHRAGMS AND WOOD SHEAR WALLS IS 4" OR LESS.	PERIODIC	-
B. INSPECTION OF FIELD-GLUING OPERATION OF ELEMENTS OF THE MAIN WIND FORCE-RESISTING SYSTEM WHERE NAIL SPACING OF WOOD DIAPHRAGMS AND WOOD SHEAR WALLS IS 4" OR LESS.	CONTINUOUS	-
2. WIND-RESISTING COMPONENTS (IBC 1705.11.3)		
A. INSPECTION IS REQUIRED FOR THE FASTENING OF THE FOLLOW	ING SYSTEMS AND	COMPONENTS:
i. ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS.	PERIODIC	-
ii. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.	PERIODIC	-



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REVISIONS	TH CARO Seal 034711 NGINEER HALVER 04/11/24
△ ISSUE	DATE
OTP	02/15/23
OTB SET	01/05/24



PROFESSIONAL IN CHARGE

BJH PROJECT MANAGER RB QUALITY CONTROL SMK

DRAWN BY JBA

PROJECT NAME

CIRCLE K STORES, INC.

ANGIER, NC

9706 KENNEBEC CHURCH ROAD, ANGIER, NC 27501

PROTOCYCLE # R1.1 11/21/22



CIRCLE K STORE INC. PROJECT NUMBER: 22130

TABLE OF SPECIAL INSPECTIONS

S0.3



	FOUNDATION PLAN NOTES
NUMBER	PLAN NOTE
GENERAL PL	AN NOTES
Α.	REF SHEET S0.1, S0.2 AND S0.3 FOR GENERAL NOTES, LEGEND AND SP
В.	REFER TO SHEET S1.1 AND ARCH DRAWINGS FOR LOCATIONS, DIMENS WALLS AND INSULATION METAL PANEL WALLS.
C.	ALL ELEVATIONS REFERENCED FROM REFERENCE FINISH FLOOR ELEV
D.	TOP OF FOOTING ELEVATION SHALL BE ASSUMED TO BE CONSTANT BE (FOUNDATION REQUIREMENTS ENSCRIBED ON S0.1 PER GEOTECHNICA FOLLOWED AS GRADING CONDITIONS VARY, REF CIVIL).
E.	FOR TYPICAL REINFORCING BAR BEND DETAILS, REF 4-S2.0.
F.	FOR PIPING RUNNING PARALLEL AND PERPENDICULAR TO THE FOUND
G.	THE GENERAL CONTRACTOR, INCLUDING SUBCONTRACTORS AND SUP TRAFFIC ON THE BUILDING PAD AFTER THE PAD CERTIFICATION OR TH DAMAGE TO THE PAD DUE TO THE VEHICULAR TRAFFIC SHALL BE REPA CONTRACTOR.
H.	FOUNDATION CONTRACTOR NEEDS TO CONTACT THE ELECTRICAL CON GROUNDING ELECTRODE BEFORE THE FOUNDATION IS INSPECTED.

	FOUNDATION PLAN NOTES
NUMBER	PLAN NOTE
REFERENCED	PLAN NOTES
1	FOR TYPICAL FLOOR CONSTRUCTION JOINT, REF 1-S2.0; FOR TYPICAL FLOOR CONTRACTION JOINT, REF 2-S2.0.
2	COORDINATE SLAB SLOPES AT DRAIN LOCATIONS WITH THE ARCH DRAWINGS.
3	CONCRETE STEM WALL; REF DETAIL 1-S2.1 FOR DETAILS AND FACE OF WALL LOCATION. REF DETAILS 13, 14, AND 15 ON SHEET S2.0 FOR STEM WALL DETAILS.
4	INDICATES SHEAR WALL HOLDDOWN; REF SIPS PANEL DRAWINGS FOR DETAILS AND EXACT LOCATIONS. ALL HOLDDOWN ANCHORS REQUIRING ANCHOR BOLTS SHALL BE EMBEDDED INTO THE CONTINUOUS FOOTING THE SPECIFIED AMOUNT SHOWN IN DETAIL 12-S2.0.
5	REF ARCH FOR ALL WALL OPENING SIZES AND LOCATIONS WITH THE ARCH DRAWINGS. REF 11-S2.0 FOR RE-ENTRANT BARS AT OPENINGS.
6	REF 5-S2.0 FOR SLAB REINFORCEMENT AT RE-ENTRANT CORNERS.
7	DOWEL CONTINUOUS REINFORCEMENT IN GRADE BEAM; DOWEL BOTTOM BARS INTO FOOTING, AND TOP BARS INTO STEM WALL / SLAB TURNDOWN WHERE APPLICABLE.
8	GC TO COORDINATE LOCATION OF RECESSED SLAB WITH FREEZER BOX VENDOR AND ARCH DRAWINGS.
9	EXTERIOR ELECTRICAL EQUIPMENT, COORDINATE LOCATION WITH ELEC DRAWINGS; REF 4-S2.2 FOR LATERAL SUPPORT POST (3 PLACES).
10	FREEZER VENDOR TO DESIGN FREEZER TO RESIST COLUMN REACTIONS PER SIPS PANEL MANUFACTURER. REFER TO SIPS PANEL AND FREEZER DRAWINGS FOR COLUMN BEARING CONDITION AND ADDITIONAL INFORMATION.
11	PRE-MANUFACTURED INSULATED METAL PANEL FREEZER/COOLER WALL PANELS DESIGNED AND ANCHORED TO SUPPORT ALL BUILDING CODE REQUIRED LOADS. REF ARCH FOR SIZES AND LOCATION.



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NUMBER	
GENERAL PLA	AN NOTES
Α.	REF SHEET S0.1, S0.2 AND S0.3 FO
B.	REFER TO ARCH DRAWINGS FOR I INSULATION METAL PANEL WALLS
C.	REF ARCH DRAWINGS FOR ADDITI
D.	ALL ITEMS SUCH AS MECHANICAL SUPPORTED OR HUNG FROM THE POINTS OF THE TRUSS. METHODS WILL NOT BE PERMITTED. COORD EQUIPMENT.
E.	APPROXIMATE WEIGHTS OF ROOF SIZES AND OPENING SIZES WITH M TRUSSES AS REQUIRED FOR MEC
F.	RTUS AND RCUS MUST BE PLACED MECHANICAL FOR EXACT LOCATIO
G.	PLACEMENT OF SPRINKLER CONT CONTRACTOR. THE CONTRACTOP BRIDGING OR SPRINKLER CONTRA REQUIRED OF THE TRUSS BRIDGI

	ROOF FRAMING PLAN NOTES
NUMBER	PLAN NOTE
REFERENCED	PLAN NOTES
1	SIP PANEL ROOF DESIGNED TO SUPPORT ALL BUILDING CODE REQUIRED LOADS AND DE DISTRIBUTE WIND/SEISMIC LOADS TO SHEAR WALLS. REF 1-S3.0 FOR ADDITIONAL FRAMI FOR TOP OF SIP PANEL ELEVATIONS.
2	PRE-MANUFACTURED INSULATED METAL PANEL FREEZER/COOLER WALL PANELS DESIG SUPPORT ALL BUILDING CODE REQUIRED LOADS. REF ARCH FOR SIZES AND LOCATION.
3	REF 1-S3.0 FOR RTU DUCT OPENING AND ROOF OPENING FRAMES. GC TO VERIFY LOCAT MECHANICAL UNITS. OPERATING WEIGHT SHALL NOT EXCEED THE WEIGHT NOTED ON T
4	EXTERIOR ROOF ACCESS LADDER, REF ARCH FOR LOCATION. SIP PANEL MANUFACTURE CONNECTION.
5	DESIGN TRUSSES FOR AN ADDITIONAL 50 PSF STORAGE SHELF LOAD (RLL), TYP AT THIS FOR LOCATIONS AND DETAILS.
6	PARAPET BRACING DESIGNED BY SIPS SUPPLIER.
7	INTERIOR SOFFIT FRAMING, REF ARCH FOR LOCATIONS AND REF APPLICABLE STRUC FR SUPPORT AND ADDITIONAL LOADS TO TRUSSES.
8	COLUMN BEARING CONDITION TO BE COORDINATED WITH SIPS PANEL AND COOLER / FR FREEZER BOXES TO BE DESIGNED TO TRANSFER COLUMN DOWNWARD AND UPLIFT REA VENDOR. REFER TO SIPS PANEL AND FREEZER DRAWINGS FOR COLUMN BEARING COND INFORMATION.
9	PRE-MANUFACTURED CANOPY BY OTHERS, REF ARCH. SIP PANEL MANUFACTURER COO CANOPY MANUFACTURER.

rdc.

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CIRCLE K STORE INC. PROJECT NUMBER: 22130

ROOF FRAMING PLAN

S





DATE

02/15/23

01/05/24



DATE



