b. ADHESIVE ANCHORING SYSTEMS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308. PRE-APPROVED ADHESIVE ANCHORING SYSTEMS INCLUDE:

1 HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM (ICC-ES ESR-3187)
2 HILTI HIT-RE 500-V3 ADHESIVE ANCHORING SYSTEM (ICC-ES ESR 3814)
3 SIMPSON STRONG-TIE SET-3G ADHESIVE ANCHOR SYSTEM (ICC-ES ESR-4057)
4 SIMPSON STRONG-TIE AT-XP ADHESIVE ANCHOR SYSTEM (IAPMO ER-263)

O. MASONRY ANCHORS

a. ANCHORAGE TO SOLID-GROUTED MASONRY

1 MECHANICAL AND SCREW TYPE ANCHORS FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 OR ICC-ES AC106. PRE-APPROVED MECHANICAL AND CONCRETE SCREW ANCHORS INCLUDE:

i HILTI KWIK HUS EZ SCREW ANCHOR (ICC-ES ESR-3056)
ii HILTI KWIK BOLT 3 EXPANSION ANCHOR (ICC-ES ESR 1385)
iii SIMPSON STRONG-TIE WEDGE-ALL ANCHOR (ICC-ES ESR-1396)
iv SIMPSON STRONG-TIE TITEN-HD SCREW ANCHOR (ICC-ES ESR-1056)

2 ADHESIVE ANCHORING SYSTEMS FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58. PRE-APPROVED ADHESIVE ANCHORING SYSTEMS INCLUDE:

i HILTI HIT-HY 270 ADHESIVE ANCHORING SYSTEM (ICC-ES ESR-4143)
ii SIMPSON STRONG-TIE SET ADHESIVE ANCHOR SYSTEM (ICC-ES ESR-1772)

b. ANCHORAGE TO HOLLOW CONCRETE MASONRY/UNREINFORCED CLAY BRICK MASONRY

1 SCREW TYPE ANCHORS FOR USE IN HOLLOW CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC106. PRE-APPROVED SCREW ANCHORS INCLUDE:

c. SIMPSON STRONG-TIE TITEN-HD (ICC-ES ESR-1056)

1 ADHESIVE ANCHORING SYSTEMS WITH SCREEN TUBES SHALL BE TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC58 OR AC60, AS APPROPRIATE. THE APPROPRIATE SCREEN TUBE SHALL BE USED AS RECOMMENDED BY THE ADHESIVE MANUFACTURER. PRE-APPROVED ADHESIVE ANCHORING SYSTEMS WITH SCREEN TUBES INCLUDE:

i HILTI HIT-HY 270 ADHESIVE ANCHORING SYSTEM (ICC-ES ESR-4143) - FOR HOLLOW BRICK AND CMU
ii HILTI HIT-HY 270 ADHESIVE ANCHORING SYSTEM (ICC-ES ESR-4144) - FOR UNREINFORCED MASONRY
iii SIMPSON STRONG-TIE SET ADHESIVE ANCHOR SYSTEM (ICC-ES ESR-1772)

15. LIGHT GAGE METAL FRAMING:

A. ALL LIGHT GAGE METAL FRAMING AND CONNECTIONS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND NAAMM ML/SFA 540 "LIGHTWEIGHT STEEL FRAMING SYSTEMS MANUAL."

B. ALL LIGHT GAGE METAL FRAMING IDENTIFICATION SHOWN IN THESE DOCUMENTS IS IN ACCORDANCE WITH THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).

C. ALL STRUCTURAL MEMBERS SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653, GRADE 60 MINIMUM. STEEL MATERIAL SHALL HAVE A MINIMUM YIELD STRESS OF 33 KSI EXCEPT MEMBERS OF 54 MIL THICKNESS OR HEAVIER SHALL HAVE A MINIMUM YIELD STRESS OF 50 KSI.

D. ALL CONNECTIONS SHALL BE MADE WITH A MINIMUM OF (4) #10-16 SCREWS OR EQUIVALENT WELDS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

E. ALL SCREWS SHALL BE OF THE DIAMETER AND SIZE INDICATED ON THE DRAWINGS. MINIMUM SPACING AND EDGE DISTANCE FOR SCREWS SHALL BE THE GREATER OF EITHER 1/2 INCH OR 3 X SHANK DIAMETER, UNLESS NOTED OTHERWISE ON THE DRAWINGS. SCREW PENETRATION THROUGH JOINED MATERIALS SHALL NOT BE LESS THAN THREE EXPOSED THREADS. SELECT SCREWS WITH AN ADEQUATE CUTTING TIP TO ACCOMMODATE THE TOTAL THICKNESS TO BE DRILLED. DRILLING MUST BE COMPLETED BEFORE THE THREADS ENGAGE THE MATERIAL. WHERE SCREW ATTACHMENTS ARE MADE TO FRAMING COMPONENTS OF DIFFERENT THICKNESSES, THE THINNEST COMPONENT MUST BE PENETRATED FIRST, UNLESS NOTED OTHERWISE. ALL SCREWS ARE "T1."

F. WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.3, LATEST EDITION, STRUCTURAL WELDING CODE, AND SHEET STEEL.

G. SUGGESTED WELD METAL AND PROCESS FOR SHOP WELDING ARE: 70 KSI WELD METAL STRENGTH MINIMUM. SUGGESTED METHODS FOR FIELD WELDING: 1/8", UNLESS NOTED OTHERWISE E70XX, MINIMUM, ELECTRODE - SMAW; OR "GASLESS" MIG.

H. MINIMUM WELD THROAT THICKNESS (t) MUST MATCH OR EXCEED THE BASE STEEL THICKNESS OF THE THINNEST CONNECTED PART UNLESS NOTED OTHERWISE.

I. SEQUENCING OF WELDS SHALL BE SO AS TO AVOID DISTORTION OF MEMBERS. REPLACE ALL MEMBERS WHEN BURN THROUGH OCCURS DURING WELDING.

J. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED ON ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

K. NO SPLICES IN STUDS, JOISTS, OR OTHER LOAD CARRYING MEMBERS MAY BE MADE WITHOUT PRIOR ENGINEERING REVIEW AND SPECIFIC DETAILS FOR ANY SUCH SPLICE(S).

L. TRACK MEMBERS SHALL MATCH WIDTH AND MIL THICKNESS (GAGE) OF STUDS UNLESS NOTED OTHERWISE. TRACK MEMBERS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1-1/4" UNLESS NOTED OTHERWISE.

M. MECHANICAL BRIDGING, SPACED AT THE INTERVALS DESCRIBED HEREIN, SHALL BE INSTALLED PRIOR TO THE ATTACHMENT OF FACING MATERIALS.

N. MECHANICAL BRIDGING SHALL BE INSTALLED, IN THE FORM OF COLD ROLLED CHANNELS AND CONNECTION CLIPS, IN ALL WALLS ON THIS PROJECT. SEE TYPICAL LIGHT GAGE METAL FRAMING DETAILS ON THE DRAWINGS FOR SPECIFIC REQUIREMENTS.

O. ALL LIGHT GAGE METAL FRAMING SHOWN ON THESE DOCUMENTS IS BASED ON THE PHYSICAL AND STRUCTURAL PROPERTIES OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). ANY SUBSTITUTIONS MUST MEET THE MINIMUM PROPERTIES PROVIDED BY THESE MEMBERS AND MUST BE APPROVED IN WRITING BY THE ENGINEER.

16. LOAD BEARING METAL STUDS:

A. THIS PROJECT HAS A LOAD BEARING METAL STUD SYSTEM WITH LIGHT GAGE STRAP B RACING "X"-BRACES. SUCCESSFUL METAL STUD CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE FULLY DETAILED WALL ELEVATIONS SHOWING THE SIZE AND LOCATION OF ALL LIGHT GAGE METAL FRAMING ON THIS PROJECT. LOCATION OF THE STEEL JOIST ROOF AND FLOOR FRAMING MEMBERS WILL DICTATE THE LOCATION OF THE METAL STUDS ON THIS PROJECT. STUDS AND JOISTS SHALL ALIGN, UNLESS NOTED OTHERWISE. SHOP DRAWINGS SHALL INCLUDE DETAILS SHOWING SCREW TYPES AND LOCATIONS, WELD LENGTHS, SIZES, AND LOCATIONS.

B. WEB STIFFENERS FOR STUD JOISTS SHALL BE PROVIDED AT ALL REACTION POINTS, INTERMEDIATE CONCENTRATED LOADS, AND WHERE INDICATED ON THE DRAWINGS.

C. DIAGONAL STRAP BRACING SHALL BE ATTACHED AT ALL INTERSECTIONS WITH VERTICAL MEMBERS WITH A #10-16 SCREW OR EQUIVALENT WELDS, UNLESS NOTED OTHERWISE.

D. SEE SECTION 15 FOR ADDITIONAL LIGHT GAGE REQUIREMENTS.

17. WOOD:

A. ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE APPLICABLE BUILDING CODE AND THE CURRENT EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION."

B. ALL STUDS AND PLATES SHALL BE SPRUCE-PINE-FIR NO.2 (19% MAXIMUM MOISTURE CONTENT) OR BETTER.

C. ROOF SHEATHING SHALL BE PLYWOOD PANELS 19/32" MINIMUM NOMINAL THICKNESS, EXTERIOR RATED SHEATHING, EXPOSURE 1. RUN PANELS PERPENDICULAR TO THE SUPPORTS, STAGGER PANEL ENDS 1/2 PANEL LENGTH. ATTACH WITH 10D COMMON OR DEFORMED SHANK NAILS (1-1/2" MINIMUM PENETRATION) 4" ON CENTER ALONG BUILDING PERIMETER AND CONTINUOUS PANEL EDGES, 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. SPACE NAILS AT 6" O.C. WITHIN 8'-0" OF BUILDING CORNERS AND EDGES.

D. WOOD PLATES, SILLS, AND SLEEPERS WHICH REST ON CONCRETE SLABS, AND ARE IN DIRECT CONTACT WITH THE EARTH, AND SILLS WHICH REST ON CONCRETE OR MASONRY FOUNDATIONS SHALL BE PRESSURE TREATED WOOD, OR SHALL HAVE APPROVED METAL ATTACHMENT.

E. ALL SPECIFIED FASTENERS SHOWN IN THESE DOCUMENTS MUST BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. ALL FASTENERS IN A CONNECTION MUST BE USED. FASTENERS FOR FIRE-RETARDANT-TREATED WOOD SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS, FASTENER COATING SHALL BE IN ACCORDANCE WITH ASTM B695, CLASS 55 MINIMUM. ALL FASTENERS MUST BE INSTALLED PRIOR TO LOADING THE CONNECTION.

F. SUBSTITUTIONS FOR SIMPSON STRONG-TIE CO., INC.'S PRODUCTS MUST BE PRE-APPROVED IN WRITING BY THE ENGINEER. SUBSTITUTION REQUESTS MUST BE ACCOMPANIED BY EVALUATION REPORTS FROM THE INTERNATIONAL CODE COUNCIL.

G. ALL SIMPSON HANGERS TO BE USED IN EXTERIOR OR WET APPLICATIONS SHALL HAVE A ZMAX OR HOT-DIPPED GALVANIZED COATING.

18. WOOD TRUSSES:

A. SEE PREVIOUS SECTION FOR WOOD GENERAL NOTES.

B. THIS WORK INCLUDES THE COMPLETE FURNISHINGS AND INSTALLATION OF ALL OPEN WEB TRUSSES AS SHOWN ON THE DRAWINGS HEREIN SPECIFIED AND NECESSARY TO COMPLETE THE WORK.

C. ALL TRUSSES MUST BE SECURELY BRACED BOTH DURING ERECTION AND PERMANENTLY AS REQUIRED BY THE TRUSS MANUFACTURER. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY FIELD BRACING TO ASSURE TRUSSES ARE INSTALLED AT THE PROPER SPACING AND ARE STRAIGHT AND PLUMB.

D. METAL PLATE CONNECTED WOOD TRUSSES SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST ANSI/TPI 1, "NATIONAL DESIGN STANDARD FOR METAL PLACE CONNECTED WOOD TRUSS CONSTRUCTION" AND ANSI/AWC NDS - "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" (NDS). ENGINEERING DRAWINGS AND DESIGN CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER WHO IS LEGALLY AUTHORIZED TO PRACTICE IN THE JURISDICTION WHERE PROJECT IS LOCATED AND WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION. THE TRUSS FABRICATOR SHALL SUPPLY ALL HARDWARE AND FASTENERS FOR JOINING MEMBERS SUPPLIED BY THE TRUSS FABRICATORS.

E. TRUSSES SHALL BE DESIGNED FOR THE STRUCTURAL LOADS INDICATED ON THE STRUCTURAL DRAWINGS.

F. ROOF TRUSSES SHALL BE DESIGNED TO LIMIT THE MAXIMUM LIVE LOAD DEFLECTION TO SPAN/360 AND MAXIMUM TOTAL LOAD DEFLECTION SPAN/240.

G. CONTRACTOR SHALL NOT CUT, NOTCH, OR BORE HOLES IN WOOD TRUSSES UNLESS APPROVED BY THE WOOD TRUSS DESIGNER.

H. TRUSS BOTTOM CHORDS SHALL BE PERMANENTLY CONNECTED BY BRIDGING. BRIDGING REQUIREMENTS SHALL BE DETERMINED BY THE TRUSS DESIGNER/MANUFACTURER, BUT SHALL CONSIST OF NOT LESS THAN 1" BY 3" LUMBER, DOUBLE NAILED AT EACH TRUSS LOCATION. SPACING OF BRIDGING SHALL NOT EXCEED 8'-0" O.C. AT A MINIMUM, ENDS OF BRIDGING SHALL HAVE DIAGONAL CROSS BRACING BETWEEN THE LAST TWO OPEN WEB TRUSSES IN ADDITION TO HORIZONTAL BRIDGING.

I. WEB MEMBER PLANE BRIDGING SHALL BE DETERMINED BY THE TRUSS DESIGNER/MANUFACTURER.

J. TRUSS CHORDS SHALL BE FABRICATED OF SPRUCE PINE FIR NO.2 (19% MAXIMUM MOISTURE CONTENT) OR BETTER.

K. TRUSS WEB MEMBERS SHALL BE FABRICATED OF SPRUCE PINE FIR NO. 2 (19% MAXIMUM MOISTURE CONTENT) OR BETTER.

L. WEB MEMBERS ARE SHOWN ON SECTIONS FOR GRAPHICAL PURPOSES ONLY. DESIGN AND ARRANGEMENT OF WEB MEMBERS ARE THE RESPONSIBILITY OF THE TRUSS SUPPLIER.

M. ROOF PITCH AND SOFFIT GEOMETRY SHOWN FOR REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

N. FOR TRUSS PROFILES REFER TO ARCHITECTURAL DRAWINGS.

O. DESIGN CRITERIA:

a. PRODUCTS: THE OPEN WEB TRUSSES SHALL BE DESIGNED TO FIT THE DIMENSIONS AND LOADS INDICATED ON THE PLANS AND GENERAL NOTES.

b. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SERVICE LEVEL LOADS:

1	ROOF FLAT SNOW LOAD, Pg	20 PSF
2	SNOW DRIFT AND SLIDING SNOW	PER CODE
3	ROOF LIVE LOAD	20 PSF
4	RAIN LOAD	20.80 PSF
5	ROOF DEAD LOAD (TOP CHORD)	10 PSF
6	ROOF DEAD LOAD (BOTTOM CHORD)	5 PSF
7	WIND UPLIFT (TOP CHORD @ INTERIOR)	PER CODE
8	WIND UPLIFT (TOP CHORD @ EDGES)	PER CODE
9	WIND UPLIFT (TOP CHORD @ CORNERS)	PER CODE
10	WIND UPLIFT (TOP CHORD @ RIDGES)	PER CODE
11	PARAPET WIND	PER CODE
12	WIND / SEISMIC LOADS	PER CODE

c. WIND LOAD EDGES ZONES (a = 7'-6")

d. TOLERANCES:

1	LENGTH BEARING TO BEARING	+1/8"
2	DEPTH	+1/16"
3	CAMBER	
i	SPECIFIED 0" TO 7/8"	+1/8"
ii	1" to 7/8"	+3/16"
iii	2" AND OVER	+1/4"

P. DESIGN OF TRUSSES SHALL INCLUDE ALL NECESSARY BRACING, BRIDGING, AND/OR ANCHOR CONNECTIONS, INCLUDING UPLIFT TO TRANSMIT THE REQUIRED LOADS INTO THE STRUCTURE.

Q. IT IS THE STRUCTURAL INTENT THAT THE WOOD TRUSSES SHALL BE FABRICATED PER INDUSTRY STANDARDS AT A TYPICAL SPACING OF 32" O.C. USING THE MATERIALS SPECIFIED PER THESE DOCUMENTS. TRUSS SPACING SHALL NOT EXCEED 24" O.C. UNLESS SPECIFIED OTHERWISE ON THE DOCUMENTS. THE TRUSS SUPPLIER SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF THE TRUSSES SHOWN PER THESE DOCUMENTS EXCEED INDUSTRY STANDARDS AND REQUIRE HIGHER GRADE MATERIALS THAN THOSE SPECIFIED.

R. THESE PRODUCTS SHALL BE DESIGNED AND MANUFACTURED TO THE STANDARDS SET FORTH BY APPROVED ICC-ES REPORTS.

S. MATERIALS SHALL COMPLY WITH APPROVED ICC-ES REPORTS. CHORD MEMBERS, WEB MEMBERS, CONNECTING PINS, AND BEARING HARDWARE/ATTACHMENTS SHALL BE OF MATERIAL AND SIZE BY DESIGN.

T. TRUSSES SHALL BE MANUFACTURED IN A PLANT UNDER THE SUPERVISION OF A THIRD-PARTY INSPECTION AGENCY.

U. EACH OF THE TRUSSES SHALL BE IDENTIFIED BY A STAMP INDICATING THE TRUSS SERIES, ICC-ES EVALUATION REPORT NUMBER, MANUFACTURER'S NAME, PLANT NUMBER, AND THE INDEPENDENT INSPECTION AGENCY'S LOGO.

V. OPEN WEB TRUSSES, IF STORED PRIOR TO INSTALLATION, SHALL BE STORED IN A VERTICAL POSITION AND PROTECTED FROM THE WEATHER. THEY SHALL BE HANDLED WITH CARE SO THEY ARE NOT DAMAGED. THEY ARE TO BE INSTALLED IN ACCORDANCE WITH THE PLANS AND ANY JOIST DRAWINGS AND INSTALLATION SUGGESTIONS. TEMPORARY CONSTRUCTION LOADS THAT CAUSE STRESSES BEYOND DESIGN LIMITS ARE NOT PERMITTED. INSTALLATION BRACING IS TO BE PROVIDED BY THE TRUSS SUPPLIER TO KEEP THE TRUSSES STRAIGHT AND PLUMB AS REQUIRED AND TO ENSURE ADEQUATE LATERAL SUPPORT FOR THE INDIVIDUAL TRUSSES AND THE ENTIRE SYSTEM UNTIL THE SHEATHING MATERIAL HAS BEEN APPLIED.

W. THE PRODUCTS DELIVERED SHALL BE FREE FROM MANUFACTURING ERRORS OR DEFECTS IN WORKMANSHIP AND MATERIAL. THE PRODUCTS, WHEN CORRECTLY INSTALLED AND MAINTAINED, SHALL BE WARRANTED TO PERFORM AS DESIGNED FOR THE NORMAL AND EXPECTED LIFE OF THE BUILDING.

X. CODE COMPLIANT DESIGN OF WOOD TRUSSES IS A DEFERRED SUBMITTAL IN ACCORDANCE WITH THE GENERAL STRUCTURAL NOTES, NOTE 17 A.f. SUBMITTAL DOCUMENTS SHALL INCLUDE SUBSTANTIATING STRUCTURAL CALCULATIONS. CALCULATIONS AND DRAWINGS SHALL BE STAMPED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS LEGALLY AUTHORIZED TO PRACTICE IN THE JURISDICTION WHERE THE PROJECT IS LOCATED AND WHO HAS EXPERIENCE IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED. SUBMITTAL DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW OF CONFORMITY WITH THESE DOCUMENTS AND TO THE CITY FOR PLAN CHECK AND CODE REVIEW PRIOR TO INSTALLATION.

19. FOUNDATIONS:

A. SPREAD FOOTINGS ARE DESIGNED TO BEAR ON NON-EXPANSIVE SOIL CAPABLE OF SUSTAINING 1800 POUNDS PER SQUARE FOOT.

B. STRIP FOOTINGS ARE DESIGNED FOR 1500 POUNDS PER SQUARE FOOT.

C. EXTERIOR AND BUILDING PERIMETER FOUNDATIONS AND STRIP FOOTINGS HAVE BEEN DESIGNED TO BEAR AT OR BELOW THE LOCAL FROST DEPTH OF 36". PROVIDE MINIMUM FOOTING DEPTHS AS INDICATED IN THE DRAWINGS. ALL FOOTINGS SHALL BEAR ON SOIL PER THE GEOTECHNICAL REPORT NOTIFY EOR & AOR IF OVER EXCAVATION IS REQUIRED TO MAINTAIN SINGLE SUBSTRATE BEARING MATERIAL ACROSS THE SITE.

D. COMPLY WITH ALL ASPECTS OF SOILS REPORT AOG 20-169E DATED MAY 15, 2020 PREPARED BY ALPHA-OMEGA GEOTECT 1701 STATE AVENUE KANSAS CITY, KS 66102.

E. THE GENERAL CONTRACTOR AND FOUNDATION CONTRACTOR SHALL UNDERSTAND THE SURVEY AND GEOTECHNICAL REPORT BEFORE BIDDING THE WORK. RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT SHALL BE INCLUDED IN THE CONTRACTOR'S WORK, UNLESS SPECIFIED OR DETAILED OTHERWISE.

F. CONTRACTOR SHALL REMOVE EXISTING FOOTINGS AND FOUNDATIONS THAT ARE LOCATED WITHIN THE FOOTPRINT OF THE NEW BUILDING.

G. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNUSUAL SOIL CONDITIONS THAT ARE IN VARIANCE WITH THE GEOTECHNICAL REPORT OR WHEN DIFFERENT BEARING MATERIAL IS EVIDENT AND THERE IS A QUESTION OF BEARING CAPACITY.

H. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF UNSUITABLE FILL MATERIAL OR ORGANIC MATERIAL.

20. SUBMITTALS:

A. CODE COMPLIANT STRUCTURAL DESIGN OF THE FOLLOWING ITEMS IS DEFERRED TO THE GENERAL CONTRACTOR.

a. TEMPORARY BRACING AND SHORING
b. ROOF ACCESS LADDERS AND SAFETY CAGES
c. HANDRAIL FRAMING
d. WOOD TRUSSES AND BRIDGING
e. CAST STONE VENEER ELEMENTS AND CONNECTIONS TO STRUCTURE
f. SEISMIC AND WIND ANCHORAGE AND SWAY BRACING OF MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS COMPONENTS
g. POST-INSTALLED FABRIC AWNINGS OR CANOPIES AND CONNECTIONS TO STRUCTURE

B. DEFERRED SUBMITTALS SHALL INCLUDE SUBSTANTIATING STRUCTURAL CALCULATIONS AND SHALL BEAR THE SIGNED WET OR CERTIFIED ELECTRONIC STAMP OF A REGISTERED PROFESSIONAL ENGINEER WHO IS LEGALLY AUTHORIZED TO PRACTICE IN THE JURISDICTION WHERE PROJECT IS LOCATED AND WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED. DEFERRED SUBMITTALS SHALL BEAR THE APPROVAL STAMP OF THE PROJECT ENGINEER OF RECORD.

C. ALL SHOP DRAWINGS AND SUBMITTALS MUST BE REVIEWED AND APPROVED BY THE CONTRACTOR PRIOR TO SUBMITTAL. ENGINEER'S REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR GENERAL CONFORMANCE WITH DESIGN DRAWINGS AND STRENGTH OF COMPONENTS AND MATERIALS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE DESIGN DRAWINGS, QUANTITIES, DIMENSIONAL ERRORS, OR OMISSIONS IN THE SHOP DRAWINGS.

D. ALL SHOP DRAWINGS MUST BE ORIGINAL DOCUMENTS AND SHALL NOT BE REPRODUCTIONS OF THESE CONTRACT DOCUMENTS.

E. SUBMIT SHOP DRAWINGS DETAILING FABRICATION OF EACH MEMBER AND ITS CONNECTIONS. CONNECTION DRAWINGS ARE TO BE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER.

F. CONTRACTOR SHALL SUBMIT STRUCTURAL SHOP DRAWINGS FOR THE FOLLOWING:

a. CONCRETE AND MASONRY GROUT MIX DESIGN AND MATERIALS
b. CONCRETE AND MASONRY REINFORCING STEEL
c. MASONRY MATERIALS
d. LIGHT GAGE METAL FRAMING AND CONNECTIONS
e. POST-INSTALLED ANCHORS
f. PREFABRICATED WOOD TRUSSES AND CONNECTIONS

A.F.F.	ABOVE FINISH FLOOR	I.F.	INSIDE FACE
ALT	ALTERNATE	JST	JOIST
A.B.	ANCHOR BOLT	JT	JOINT
ARCH	ARCHITECTURAL PLANS	K	KIP (1000 LBS)
@	AT	LBS	POUNDS
&	AND	LLH	LONG LEG HORIZONTAL
BAL	BALANCE	LLV	LONG LEG VERTICAL
BLDG	BUILDING	MANUF	MANUFACTURER
BM	BEAM	MAS	MASONRY
BOT	BOTTOM	MAX	MAXIMUM
BRG	BEARING	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
CL	CENTER LINE	MK	MARK
C.G.S.	CENTER OF GRAVITY OF STRANDS	N.S.	NEAR SIDE
CIP	CAST-IN-PLACE CONCRETE	N.T.S.	NOT TO SCALE
CLR	CLEAR	O.C.	ON CENTER
C.J.	CONTROL JOINT	O.F.	OUTSIDE FACE
COL	COLUMN	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CONC	CONCRETE	PC	PRECAST
CONT	CONTINUOUS	PSF	POUNDS PER SQUARE FOOT
CTR	CENTER	PSI	POUNDS PER SQUARE INCH
DIA	DIAMETER	PT	POST TENSION
DEG	DEGREE	RAD	RADIUS
DIM	DIMENSION	REINF	REINFORCEMENT
DTL	DETAIL	REF	REFERENCE
DWG	DRAWING	RE:	REFERENCE
E.F.	EACH FACE	SCHED	SCHEDULE
ELEV	ELEVATION	SECT	SECTION
EQ	EQUAL	SHT	SHEET
E.W.	EACH WAY	SIM	SIMILAR
EXIST	EXISTING	SPA	SPACING
EXP	EXPANSION	SPECS	SPECIFICATION
EXT	EXTERIOR	SQ	SQUARE
FND	FOUNDATION	STD	STANDARD
FIN	FINISHED	STL	STEEL
FLR	FLOOR	T&B	TOP & BOTTOM
F.S.	FAR SIDE	T.O.	TOP OF...(ADD ITEM)
FTG	FOOTING	TYP	TYPICAL
F.V.	FIELD VERIFY	U.N.O.	UNLESS NOTED OTHERWISE
GA	GAUGE	VAR	VARIES
G.B.	GRADE BEAM	VERT	VERTICAL
GALV	GALVANIZED	w/	WITH
HORIZ	HORIZONTAL	W.W.F.	WELDED WIRE FABRIC

2 S0.2 STRUCTURAL ABBREVIATIONS

1 S0.2 STRUCTURAL GENERAL NOTES CONT

3 S0.2 NOT USED

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(PROJECT #P20149)

18048.20003

CONTRACT DATE:
BUILDING TYPE: END. MED40
PLAN VERSION: MARCH 2020
SITE NUMBER:
STORE NUMBER:

TACO BELL

615 METROPOLITAN AVE
LEAVENWORTH, KS 66045

TACO BELL

ENDEAVOR 1.0
GENERAL NOTES

S0.2

PLOT DATE: 10/5/2020 3:13:25 PM