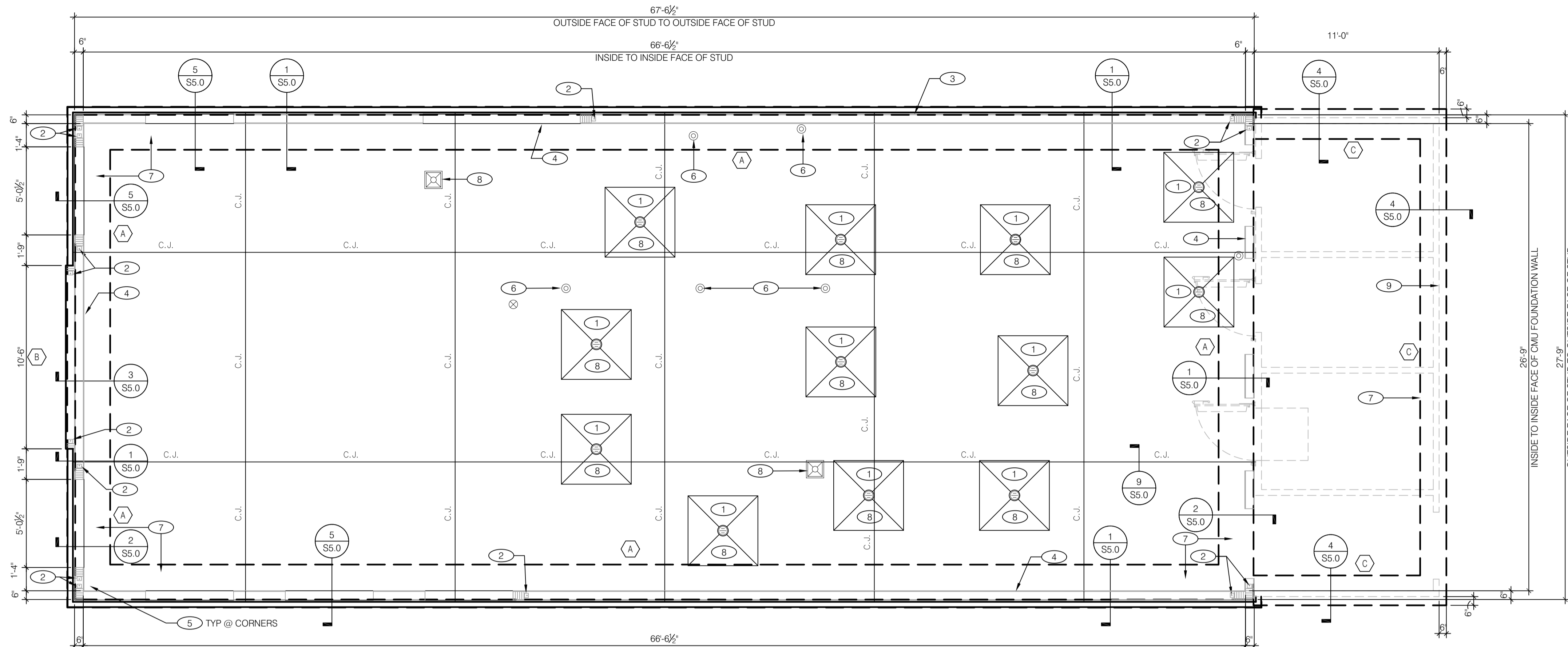


(BUILDING LEFT)

(BUILDING FRONT)



(BUILDING REAR)



ARCHITECTURE
ENGINEERING
LIS

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Digitally signed by ROBERT W CASE
Date: 2022.06.03 15:11:13 -04'00'

ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

CONCRETE FOOTING SCHEDULE

LABEL	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		TOP REINF.		REMARKS
					LONG WAY	SHORT WAY	LONG WAY	SHORT WAY	
A	MONO	CONT.	2'-6"	1'-8"	(4) #5	N/A			(1) #5 TRANSVERSE @ 24" O.C. (INCLUDES BRICK LEDGE)
B	MONO	CONT.	2'-6"	1'-8"	(4) #5	N/A			(1) #5 TRANSVERSE @ 24" O.C.
C	MONO	CONT.	1'-6"	1'-8"	(2) #5	N/A			(1) #5 TRANSVERSE @ 24" O.C.

(BUILDING RIGHT)

12 11 10 9 8 7 6 5 4 3 2 1
FOUNDATION PLAN 1/4"=1'-0" **A**

APPLICABLE CODES:
 BUILDING CODES = 2020 FLORIDA BUILDING CODE 7TH EDITION
 MECHANICAL CODE = 2020 FLORIDA BUILDING CODE, MECHANICAL 7TH EDITION
 PLUMBING CODE = 2020 FLORIDA BUILDING CODE, PLUMBING 7TH EDITION
 ELECTRICAL CODE = 2020 FLORIDA BUILDING CODE, ELECTRICAL 7TH EDITION
 NFPA 70, NATIONAL ELECTRICAL CODE, 2018 EDITION
 FIRE CODE = 2020 FLORIDA FIRE PREVENTION CODE 7TH EDITION
 (NFPA 1 & NFPA 101), 2018
 ACCESSIBILITY CODE = FLORIDA ACCESSIBILITY CODE FOR BUILDING
 CONSTRUCTION, 2020 7TH EDITION
 ENERGY CODE = 2020 FLORIDA ENERGY CODE, 7TH EDITION - CH13
 (FLORIDA ENERGY EFFICIENCY FOR BUILDING CONSTRUCTION)

METHOD OF DESIGN:
 DESIGNED PURSUANT TO 2020 FLORIDA BUILDING CODE,
 SECTION 1623, AND ASCE 7-16

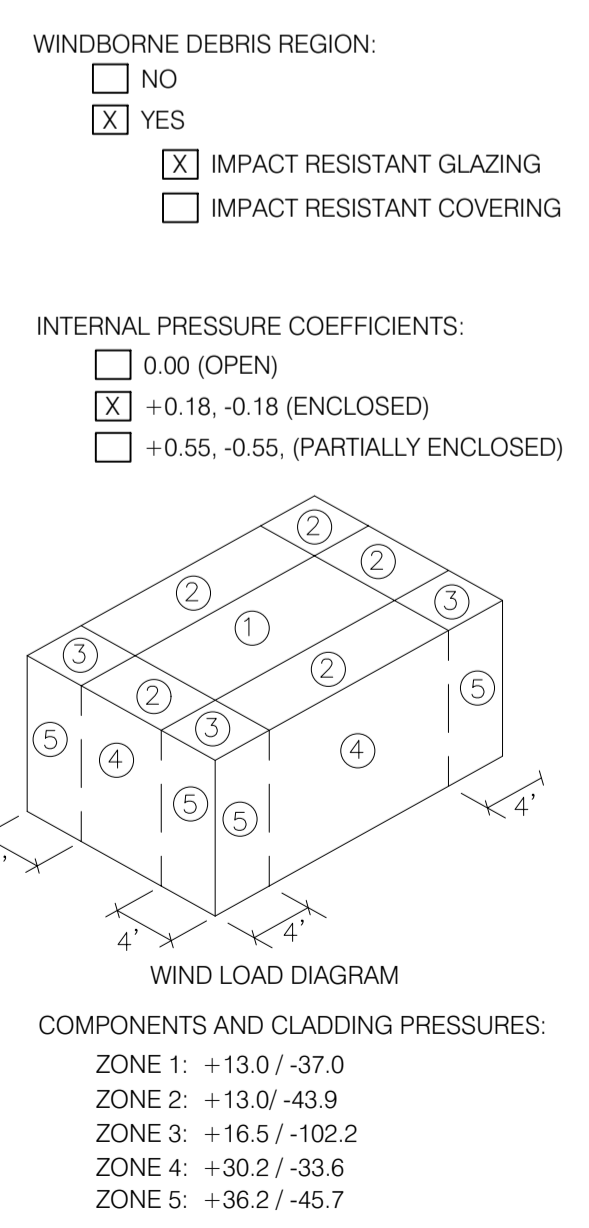
BASIC WIND SPEED:
 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)
 139 MPH (ULTIMATE DESIGN) = 108 MPH (NOMINAL DESIGN)

RISK CATEGORY:
 0.77 (BUILDING CATEGORY I)
 1.00 (BUILDING CATEGORY II)

SURFACE ROUGHNESS:
 B C D

EXPOSURE CATEGORY:
 B C D

BUILDING CONSTRUCTION TYPE:
 TYPE I-A TYPE II-B TYPE IV
 TYPE I-B TYPE III-A TYPE V-A
 TYPE II-A TYPE III-B TYPE V-B



DESIGN PARAMETERS **E**

TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION.

IF SOIL TREATMENT IS USED FOR SUBTERRANEAN TERMITE PREVENTION, IN INITIAL CHEMICAL SOIL TREATMENT INSIDE THE FOUNDATION PERIMETER SHALL BE DONE AFTER ALL EXCAVATION, BACKFILLING AND COMPACTION IS COMPLETE.

SOIL AREA DISTURBED AFTER INITIAL CHEMICAL SOIL TREATMENT SHALL BE RETREATED WITH CHEMICAL SOIL TREATMENT, INCLUDING SPACE BOXES OR FORMED.

SPACE IN CONCRETE FLOORS BOXED OUT OR FORMED FOR THE SUBSEQUENT INSTALLATION OF PLUMBING TRAPS, DRAINS OR ANY OTHER PURPOSE SHALL BE CREATED BY USING PLASTIC OR MENTAL PERMANENTLY PLACED FORMS OF SUFFICIENT DEPTH TO ELIMINATE ANY PLANNED SOIL DISTURBANCE AFTER INITIAL CHEMICAL SOIL TREATMENT.

CHEMICALLY TREATED SOIL SHALL BE PROTECTED WITH A MINIMUM 6 MIL VAPOR RETARDER TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. ANY WORK, INCLUDING PLACEMENT OF REINFORCING STEEL, DONE AFTER CHEMICAL TREATMENT UNITE THE CONCRETE FLOOR IS POURED, SHALL BE DONE IN SUCH MANNER AS TO AVOID PENETRATING OR DISTURBING TREATED SOIL.

CONCRETE OVER POUR OR MORTAR ACCUMULATED ALONG THE EXTERIOR FOUNDATION PERIMETER SHALL BE REMOVED PRIOR TO EXTERIOR CHEMICAL SOLID TREATMENT, TO ENHANCE VERTICAL PENETRATION OF THE CHEMICAL.

CHEMICAL SOIL TREATMENTS SHALL ALSO BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1 FOOT (305 MM) OF THE PRIMARY STRUCTURE SIDEWALLS. ALSO, A VERTICAL CHEMICAL BARRIER SHALL BE APPLIED PROMPTLY AFTER CONSTRUCTION IS COMPLETED, INCLUDING INITIAL LANDSCAPE AND IRRIGATION / SPRINKLER INSTALLATION. ANY SOIL DISTURBED AFTER THE CHEMICAL VERTICAL BARRIER IS APPLIED SHALL BE PROMPTLY RETREATED.

ALL BUILDINGS SHALL HAVE PRE-CONSTRUCTION TREATMENT PROTECTION AGAINST SUBTERRANEAN TERMITES. THE RULES AND LAWS AS ESTABLISHED BY FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES SHALL BE DEEMED AS APPROVED WITH RESPECT TO PRE-CONSTRUCTION SOIL TREATMENT FOR PROTECTION AGAINST SUBTERRANEAN TERMITES. A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT:

THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

PROTECTIVE SLEEVES AROUND METALLIC PIPING PENETRATING CONCRETE SLAB-ON-GRADE FLOORS SHALL NOT BE OF CELLULOSE-CONTAINING MATERIALS AND SHALL RECEIVE APPLICATION OF A TERMITICIDE IN ANNULAR SPACE BETWEEN SLEEVE AND PIPE.

TERMITE PROTECTION **D**

DIMENSIONS NOTED ARE TO FACE OF CMU. REFER TO SHEET A1.0 FOR OTHER DIMENSIONS NOT OTHERWISE NOTED. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.

SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N. SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS MANUAL. ALL FOUNDATIONS SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. INCREASE DEPTH AS REQUIRED BY GEOTECHNICAL ENGINEER. ALL FOOTING EXCAVATIONS SHALL BE AS NEAT AS PRACTICAL. OVER-EXCAVATIONS IN DEPTH SHALL BE FILLED WITH CONCRETE. OVER-EXCAVATIONS IN WIDTH MAY BE FILLED WITH LEAN CONCRETE OR APPROVED COMPACTED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM EXCAVATIONS PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE. ASSUMED ALLOWABLE DESIGN BEARING PRESSURE IS: 2000 PSF TO BE CONFIRMED WITH A LICENSED GEOTECHNICAL ENGINEER.

CONCRETE:
 A. CONCRETE SHALL BE AS SPECIFIED (SEE SECTION 03300) AND MEET THE FOLLOWING MINIMUM ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

LOCATION	MIN. STRENGTH 28 DAYS PSI (4000 DESIGN)	AGGREGATE SIZE - INCHES	SLUMP INCHES	TOLERANCE
SLAB ON GRADE	(4000 DESIGN)	1" x #4	5"	±1/2"
FOUNDATIONS	(4000 DESIGN)	1" x #4	5"	±1/2"

B. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE I or TYPE III. VERIFY MINIMUM CONCRETE STRENGTH AND CEMENT TYPE.

C. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.

D. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI 318-11 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.

SLAB:
 A. 4" THICK CONCRETE SLAB WITH WWF REINFORCING OVER 15 MIL. POLYETHYLENE MEMBRANE OVER ENGINEERED SUBGRADE PER SOILS REPORT (TYP). NOTE: FIBERMESH REINFORCING MAY BE SUBSTITUTED FOR WWF.

FOUNDATION PLAN NOTES **C**

- 1 SLAB SHALL BE SLOPED 1/2" TO DRAIN AT 4'-0" x 4'-0" SLAB HOLD-OUTS. TYPICAL AT ALL FLOOR DRAINS. U.O.N. AT MOP SINK LOCATIONS. SEE KEYNOTE 8, THIS SHEET. COORDINATE WITH PLUMBING DRAWINGS FOR ROUGH-IN LOCATIONS.
- 2 SHEAR WALL HOLDDOWN; REFER TO SHEAR WALL SCHEDULE ON S3.0 AND DETAILS ON S5.0.
- 3 METAL STUDS @ KITCHEN HOOD, ATTACH BASE PER 15/S5.0.
- 4 ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND SHEARWALL SCHEDULE". SEE D/S3.0.
- 5 SEE 14/S4.0 FOR REINFORCING AT CORNERS AND FOOTING INTERSECTIONS
- 6 PROVIDE FOR HUB DRAIN (HD) ROUGH-IN; UNLESS LOCAL CODE REQUIRES FLOOR SINK (FS). COORDINATE LOCATION / SPECIFICATION WITH PLUMBING DRAWINGS.
- 7 INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S5.0.
- 8 PROVIDE FOR FLOOR DRAIN, FLOOR SINK, TRENCH DRAIN, OR FLOOR CLEAN-OUT ROUGH-IN; COORDINATE LOCATION / SPECIFICATION WITH PLUMBING DRAWINGS.
- 9 COOLER/FREEZER BY SUPPLIER

KEY NOTES N.T.S. **B**

CONTRACT DATE: --,--2019
 BUILDING TYPE: Kb 30-19
 PLAN VERSION: 2018.A
 SITE NUMBER:
 ENTITY NUMBER:
 STORE NUMBER:
 LIS PROJECT: 2019-304

KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL



FOUNDATION PLAN
S2.0

PLOT DATE: 03/29/2022