KFC

Kb 30-19
AMERICAN SHOWMAN

BRAND PROTOTYPE

A. ALL WORK SHALL CONFORM TO THE **2017** EDITION OF THE FLORIDA BUILDING CODE 6TH EDITION, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF **OCALA, FL** AND COUNTY OF **MARION**.

B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.

C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECTS OFFICE.

D. DRAWINGS ARE BASED ON A SURVEY, DATED **3/1/19** PREPARED BY **EXTREME SURVEYING OF FLORIDA, INC** AND IS NOT INCLUDED IN THESE DOCUMENTS.

E. DRAWINGS ARE BASED ON CIVIL ENGINEERING PLANS, DATED **8/20/2019** PREPARED BY **MASTROSERIO ENGINEERING, INC** AND ARE NOT INCLUDED IN THESE PLANS.

F. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.

G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY OWNER'S REPRESENTATIVE, IN WRITING, PRIOR TO INSTALLATION.

H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.

I. PAY ALL FEES ASSOCIATED WITH OBTAINING PERMITS ASSOCIATED WITH THIS PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO CIVIL, STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD, ENCROACHMENT OR OTHER RELATED PERMITS. KFC WILL PAY FOR 'CONNECTION FEES', ASSOCIATED WITH UTILITY PERMITS, AND FOR TEMPORARY FACILITIES FEES, AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.

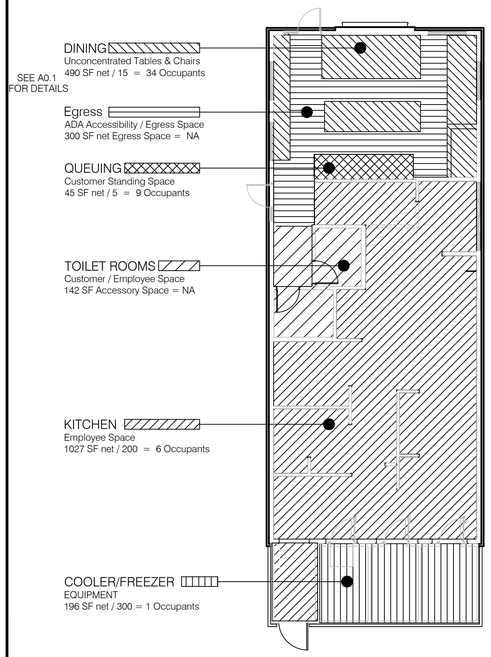
J. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.

K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.

L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED.

M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.

PROJECT GENERAL NOTES



OCCUPANT LOAD KEY PLAN

NAME — ROOM NAME

ELEV. x / Ax.x — ELEVATION NUMBER / SHEET NUMBER

X' - x" — CEILING HEIGHT

x / Ax.x — BLDG. SECTION LETTER / BLDG. SECTION SHEET

x / Ax.x — DETAIL NUMBER / DIRECTION OF DETAIL / DETAIL SHEET

ELEV / X' - x" — BLDG. HEIGHT REFERENCE POINT

WT-x — WALL TYPE (ARCHITECTURAL)

X — DOOR NUMBER

X — WINDOW NUMBER / DECOR ITEM NUMBER

X — EXTERIOR WALL FINISH NUMBER

X — KEY NOTE

X-xxx — EQUIPMENT NUMBER

Xx — ROOM FINISH NUMBER

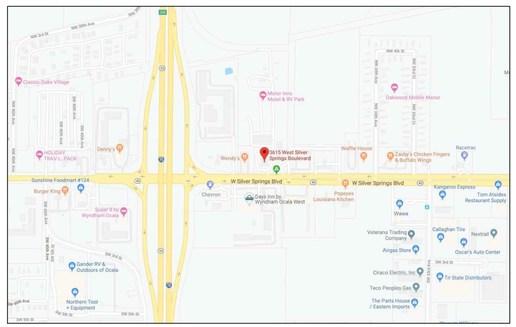
x — REVISION NUMBER

X — WALL TYPE (STRUCTURAL)

XXX / xxx — EQUIPMENT / FIXTURE NUMBER (M.E.P.)

REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

GENERAL DRAWING SYMBOLS



VICINITY MAP

LEGAL JURISDICTION:	CITY OF OCALA - BUILDING DIVISION
BUILDING CODE:	2017 FLORIDA BUILDING CODE 6TH EDITION 2017 FLORIDA FIRE PREVENTION CODE 6TH EDITION 2017 FLORIDA BUILDING CODE, EXISTING BUILDING, 6TH EDITION 2012 NFPA 101
ELECTRICAL:	NATIONAL ELECTRICAL CODE, 2014 EDITION (1)
PLUMBING:	2017 FLORIDA BUILDING CODE, PLUMBING, 6TH EDITION
MECHANICAL:	2017 FLORIDA BUILDING CODE, MECHANICAL, 6TH EDITION
GAS:	2017 FLORIDA BUILDING CODE,FUEL GAS CODE, 6TH EDITION
ENERGY:	2017 FLORIDA BUILDING CODE,ENERGY CONSERVATION, 6TH EDITION
ACCESSIBILITY:	2017 FLORIDA BUILDING CODE, ACCESSIBILITY, 6TH EDITION
BUILDING FOOTPRINT AREA:	2,200 S.F. (GROSS)
SEATING:	30
TYPE CONSTRUCTION:	TYPE V-B (UNSPRINKLED)
OCCUPANCY:	A2 - ASSEMBLY / S1 - STORAGE (MIXED USE, NON-SEPARATED)

OCCUPANT LOAD CALCULATION:	NET FLOOR AREA	OCCUPANT LOAD
DINING	490 SF	(390 / 15 + 4-BOOTHS) = 36 (30 ACTUAL SEATS)
QUEUING	45 SF	(45 / 5) = 9
TOILET RM's	143 SF	Accessory Space (NA)
KITCHEN	1027 SF	(1027 / 200) = 6
STORAGE	196 SF	(196 / 300) = 1
EGRESS	300	N/A
RESTROOM	142	N/A
TOTAL	2,200 SF	52 OCCUPANTS (30 ACTUAL SEATS)

PROJECT SUMMARY

PHONE LINES:	2 LINES (LINE 1: PHONE, FAX, SECURITY / LINE 2: HELPDESK BACK-UP)
BROADBAND CONNECTION:	SITE-SPECIFIC SERVICE PROVIDER; COORDINATE w/ OWNER
ELECTRIC SERVICE:	800 AMPS / 3 PHASE / 120-208 VOLT
GAS SERVICE:	1,219,000 BTUH

REFER TO THE FULL EXTENT OF DOCUMENTS FOR ADDTIONAL DESIGN CRITERIA

DESIGN CRITERIA

REFER TO CIVIL DRAWINGS.

LEGAL DESCRIPTION

OWNER
NORTH FLORIDA FOODS, LLC.
139 SOUTHWEST DRIVE
JONESBORO, AR 72401
CONTACT: CHRIS FOWLER
PHONE: 870-935-6032

CIVIL ENGINEER
MASTROSERIO ENGINEERING, INC
170 SE 32ND PLACE
OCALA, FL 34471
CONTACT: PAOLO MASTROSERIO
PHONE: 352-840-9909

SURVEYOR
EXTREME SURVEYING OF FLORIDA, INC
29340 RHODIN PLACCE
WESLEY CHAPEL, FLORIDA 33545
CONTACT: ALEX B. THOMPSON JR.
PHONE: 813-973-2092

BUILDING DEPARTMENT
CITY OF OCALA
201 SE 3RD STREET, 2ND FLOOR
OCALA, FL 34471
CONTACT: DEREK WEICHMANN
PHONE: 352-629-8571

ARCHITECT
LIS ARCHITECTURE, LLC.
2572 WEST SR 426
OVIEDO, FL 32765
CONTACT: CARLOS SOBRIN
PHONE: 321-244-0402

STRUCTURAL CONSULTANT
LIS ARCHITECTURE AND ENGINEERING, LLC
2572 WEST SR 426
OVIEDO, FL 32765
CONTACT: BOB CASE
Phone: 321-244-0402

MECH. / ELEC. ENGINEER
LIS ARCHITECTURE AND ENGINEERING, LLC
2572 WEST SR 426
OVIEDO, FL 32765
CONTACT: CLARK STILLWELL
PHONE: 321-244-0402

PROJECT DIRECTORY

SEWER
CITY OF OCALA DEPARTMENT OF PUBLIC WORKS
1805 NE 30TH AVENUE, BLDG 600
OCALA, FL 34470
Contact: OSCAR TOVAR
Phone: 352-351-6772

WATER
CITY OF OCALA DEPARTMENT OF PUBLIC WORKS
1805 NE 30TH AVENUE, BLDG 600
OCALA, FL 34470
Contact: OSCAR TOVAR
Phone: 352-351-6772

GAS
TECO PEOPLES GAS
316 SW 33RD AVE
OCALA FLORIDA 34474
Contact: CUSTOMER CARE
Phone: 352-622-0111

ELECTRIC
OCALA UTILITY SERVICES (OUS)
1805 NE 30TH AVENUE, BLDG 400
OCALA, FL 34470
Contact: DONNIE FALES
Phone: 352-351-6620

TELEPHONE
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1720 NE 23RD TERRACE
OCALA, FL 34470
Contact: DANIEL CCANNON
Phone: 855-445-1878

UTILITY CONTACTS

REVISIONS:

	1
	04/29/20
	X

SHEET INDEX

LIS ARCHITECTURE ENGINEERING
LAND INVESTMENT SERVICES, LLC
AA 26002040 CA NO: 6853 LB1057

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Phone: (321) 244-0402
facsimile: (321) 244-9419

ENGINEERING OFFICE
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Alva, Fla. 33920
Phone: (239) 693-9244
facsimile: (239) 693-9828

HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

1	4/29/2020 BLDG DEPT COMMENTS
2	
3	
4	
5	
6	
7	
8	
9	

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

Kb 30-19

TITLE SHEET

T1.0

PLOT DATE: --/--/2020

FOOTINGS, WALLS, & BOND BEAMS

1. CONCRETE MASONRY UNITS SHALL BE HOLLOW OR SOLID UNIT MASONRY IN ACCORDANCE WITH ASTM C 90 OR C 145 AND SHALL HAVE MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI.
2. MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANCE WITH ASTM C 270.
3. GROUT SHALL HAVE A MAXIMUM COARSE AGGREGATE SIZE OF 3/8 INCH PLACED AT A 8 TO 11 INCH SLUMP AND HAVE MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C 1019, OR SHALL BE IN ACCORDANCE WITH ASTM C 476.
4. CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
5. REINFORCING STEEL SHALL BE MINIMUM GRADE 40 AND IDENTIFIED IN ACCORDANCE WITH ASTM A 615, A 616, A 617, OR A 706.
6. JOINT REINFORCEMENT, ANCHORS, TIES, AND WIRE FABRIC SHALL CONFORM TO THE FOLLOWING STANDARDS: ASTM A 82 FOR JOINT REINFORCEMENT AND WIRE ANCHORS AND TIES. ASTM A 36 FOR PLATE, HEADED AND BENT BAR ANCHORS. ASTM A 366 FOR SHEET METAL ANCHORS AND TIES.
7. METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL ACCESSORIES FOR USE IN INTERIOR WALL CONSTRUCTION SHALL BE MILL GALVANIZED IN ACCORDANCE WITH ASTM A 641, CLASS 1.
8. ALL MORTAR JOINTS FOR HOLLOW UNIT MASONRY SHALL EXTEND THE FULL WIDTH OF FACE SHELLS.
9. MORTAR JOINTS FOR SOLID MASONRY SHALL BE FULL HEAD AND BED JOINTS. BED JOINTS SHALL BE 3/8 INCH (Ñ 1/8 INCH) THICK. HEAD JOINTS SHALL BE 3/8 INCH (+ 3/8 INCH OR - 1/4 INCH) THICK.
10. THE BED JOINT OF THE STARTING COURSE PLACED OVER FOOTINGS SHALL BE PERMITTED TO VARY IN THICKNESS FROM A MINIMUM OF 1/4 INCH TO A MAXIMUM OF 3/4 INCH.
11. MASONRY WALLS SHALL BE RUNNING BOND OR STACK BOND CONSTRUCTION.
12. WHEN MASONRY UNITS ARE LAID IN STACK BOND OR RUNNING BOND, A 9-GAGE (MINIMUM) HORIZONTAL JOINT REINFORCEMENT, IN ADDITION TO REQUIRED VERTICAL REINFORCEMENT, SHALL BE PLACED IN BED JOINTS AT NOT MORE THAN 16 INCHES ON CENTER.
13. LONGITUDINAL WIRES OF JOINT REINFORCEMENT SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT WITH MINIMUM COVER OF 5/8 INCH WHEN EXPOSED TO EARTH OR WEATHER AND 1/2 INCH WHEN NOT EXPOSED TO EARTH OR WEATHER.
14. REINFORCING STEEL SHALL BE NO. 5 BARS.
15. SPLICES SHALL BE LAP SPLICES.
16. NONCONTACT LAP SPLICES MAY BE USED PROVIDED REINFORCING BARS ARE NOT SPACED FARTHER APART THAN 5 INCHES.
17. SPLICE LENGTHS SHALL BE MINIMUM OF 25 INCHES.
18. REINFORCEMENT MAY BE BENT IN THE SHOP OR IN THE FIELD PROVIDED: ALL REINFORCEMENT SHALL BE BENT COLD, AND THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX BAR DIAMETERS, AND REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT, EXCEPT WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.
19. FOR FOUNDATIONS MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE 3 INCHES.
20. FOOTINGS FOR STEMWALL FOUNDATIONS SHALL BE A MINIMUM OF 16" THICK BY 24" WIDE, WITH THREE (3) #5 REINFORCING BARS.
21. FOOTING FOR MONOLITHIC SLAB ON GRADE FOUNDATIONS SHALL BE A MINIMUM OF 16" THICK BY 24" WIDE, WITH THREE (3) #5 REINFORCING BARS.
22. IN NARROW FOOTING WHERE INSUFFICIENT WIDTH IS AVAILABLE TO ACCOMMODATE A STANDARD 90 DEGREE HOOK AND PROVIDE THE REQUIRED CONCRETE COVER, THE HOOK SHALL BE ROTATED IN THE HORIZONTAL DIRECTION UNTIL THE REQUIRED CONCRETE COVER IS ACHIEVED.
23. FOR CAST-IN-PLACE TIE BEAMS THE MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 1 1/2 INCHES.
24. REINFORCEMENT BARS EMBEDDED IN GROUTED MASONRY CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/2 INCH BETWEEN REINFORCING BARS AND ANY FACE OF A CELL.
25. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OR NOT LESS THAN 2 INCHES.
26. CLEANOUT OPENINGS SHALL BE PROVIDED FOR CELLS CONTAINING SPLICED REINFORCEMENT WHEN THE GROUT POUR EXCEEDS 5 FEET IN HEIGHT.
27. WHERE CLEANOUT OPENINGS ARE REQUIRED, AN OPENING SHALL BE PROVIDED IN THE BOTTOM COURSE OF THE MASONRY CELL TO BE FILLED.
28. CLEANOUT OPENINGS SHALL HAVE MINIMUM AREA OF 12 SQUARE INCHES AND A MINIMUM OPENING DIMENSION OF 3 INCHES.
29. MASONRY PROTRUSIONS EXTENDING 1/2 INCH OR MORE INTO CELLS OR CAVITIES TO BE GROUTED SHALL BE REMOVED FOR GROUT POURS OVER 5 FT.
30. SPACES TO BE GROUTED SHALL BE FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATES, AND ANY MATERIAL DELETERIOUS TO MASONRY GROUT. 31. A SOIL OR WASTE PIPE OF A BUILDING DRAIN PASSING UNDER A FOOTING OR THROUGH A FOUNDATION WALL SHALL BE PROVIDED WITH A RELIEVING ARCH, OR THERE SHALL BE BUILT INTO THE MASONRY WALL AN IRON PIPE SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH.
32.THE TOP AND BOTTOM OF ALL FOOTINGS SHALL BE LEVEL. THE BOTTOM OF ALL FOOTINGS, EXCEPT MONOLITHIC SLAB-ON-GRADE INTERIOR FOOTINGS, SHALL BE A MINIMUM OF 12" BELOW FINISHED GROUND LINE.
33.THE OUTER BAR OF FOUNDATION STEEL SHALL BE CONTINUOUS AROUND CORNERS USING CORNER BARS OR BY BENDING THE BAR IN ACCORDANCE WITH NOTES HEREIN, IN BOTH CASES, THE MINIMUM BAR LAP SHALL BE 25 INCHES.
34. FOUNDATION STEMWALLS SHALL BE 10 INCHES THICK, AND SHALL HAVE SAME VERTICAL REINFORCING AS THE WALL ABOVE.
35. FOOTING DOWELS BARS SHALL BE PROVIDED FOR ALL REQUIRED VERTICAL WALL REINFORCEMENT IN THE FOLLOWING LOCATION: AT ALL CORNERS, AT EACH SIDE OF EACH OPENING, AT ALL OTHER REQUIRED VERTICAL WALL REINFORCEMENT AT ALL HIP GIRDER BEARING POINTS.
36. FOOTING DOWEL BARS AT EACH LOCATION SHALL BE SAME SIZE AND QUANTITY AS THE VERTICAL WALL REINFORCEMENT ABOVE.
37. ALL FOOTING DOWEL BARS SHALL HAVE A STANDARD 90 DEGREE HOOK AND SHALL BE EMBEDDED A MIN. OF 6" INTO FOOTINGS.
38. CONCRETE SLAB-ON-GRADE SHALL BE CAST IN PLACE AND SHALL BE 4 INCHES THICK MINIMUM. CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF NOT LESS THAN 2500 PSI AT 28 DAYS.
39. THE MINIMUM THICKNESS OF EXTERIOR MASONRY WALLS SHALL BE 8 INCHES.
40. A REINFORCED TIE BEAM SHALL BE PROVIDED AT THE TOP OF EACH EXTERIOR WALL.
41. TIE BEAMS SHALL BE 8"X 16" HIGH CAST-IN-PLACE CONCRETE.
42. TIE BEAM REINFORCEMENT SHALL BE FOUR NO. 5 BARS EXCEPT WHERE NOTED.
43. REINFORCEMENT SHALL BE LOCATED IN THE TOP AND BOTTOM OF 16 INCH BOND BEAMS.
44. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS. SEE STRUCTURAL DETAILS.
45. WHERE MORE THAN ONE BAR IS REQUIRED, ONLY ONE OF THE BARS MUST BE CONTINUOUS AROUND CORNERS.
46. FOR VERTICAL REINFORCEMENT ONE NO. 5 BAR IN A GROUTED CELL SHALL BE PROVIDED IN EACH CORNER, INCLUDING INTERIOR CORNERS AND CORNERS CREATED BY CHANGES IN WALL DIRECTION BY OFFSETTING OF WALLS SUCH AS AT PROJECTED BAYS AND INSET PORCHES.
47. FOR VERTICAL REINFORCEMENT ONE NO. 5 BAR SHALL BE PROVIDED ON EACH SIDE OF OPENINGS.
48. IN ADDITION TO VERTICAL REINFORCEMENT REQUIRED AT CORNERS, AT OPENINGS, AND AT HIP GIRDER BEARING POINTS, VERTICAL REINFORCEMENT CONSISTING OF ONE NO. 5 BAR SHALL BE PROVIDED EVERY 6 FEET ON CENTER MAXIMUM.
49. ALL VERTICAL WALL REINFORCEMENT SHALL BE TERMINATED IN THE BOND BEAM AT THE ROOF LEVEL WITH A STANDARD HOOK. THE HOOK MAY BE FORMED BY BENDING THE VERTICAL WALL REINFORCEMENT IN ACCORDANCE WITH NOTES HEREIN OR BY LAP SPLICING TO A STANDARD HOOK. THE HOOK SHALL EXTEND TO THE UPPER MOST HORIZONTAL REINFORCEMENT OF THE BOND BEAM AND SHALL BE EMBEDDED A MINIMUM OF 6 INCHES INTO THE BOND BEAM,. SEE STANDARD DETAILS.
51.CONTINUOUS TIE BEAMS ACTING AS LINTELS SHALL BE 16 INCHES HIGH HAVE TOP AND BOTTOM REINFORCEMENT CONTINUOUS OVER THE WALL AND OPENING. THE AMOUNT OF REINFORCEMENT SHALL BE AS FOLLOWS; UNLESS ADDITIONAL REINFORCEMENT IS REQUIRED DUE TO LARGE BEARING LOADS (I.E. HIP GIRDER BEARING POINTS).
52.TIE BEAMS SHALL HAVE TOP AND BOTTOM REINFORCEMENT CONTINUOUS OVER OPENINGS.
53.TIE BEAMS WHICH HAVE ADDITIONAL REINFORCEMENT OVER OPENINGS WHICH IS IN ADDITION TO THAT REQUIRED OVER THE WALL SHALL EXTEND PAST THE OPENING A MINIMUM OF 24".
A. OPENINGS UP TO 6'-0" SHALL HAVE FOUR (4) #5 BARS.
B. OPENINGS FROM 6'-1" TO 8"-0" SHALL HAVE FIVE (5) BARS. TWO (2) TOP AND THREE (3) BOTTOM.
C. OPENINGS FROM 8'-1" TO 12'-0" SHALL HAVE SIX (6) BARS. TWO (2) TOP AND FOUR (4) BOTTOM.
D. OPENINGS FROM 12'-1" TO 16'-0" SHALL HAVE SEVEN (7) #5 BARS. TWO (2) TOP AND FIVE 5) BOTTOM, WITH #3 STIRRUPS AT 8" O.C., OR TWO (2) #5 TOP AND FOUR (4) #7 BOTTOM, WITH STIRRUPS AT 8" O.C.
54. STEMWALL FOUNDATION HEIGHT SHALL NOT EXCEED 3'-0" FROM FINISHED GRADE TO TOP OF MASONRY.
55. COLUMNS SHALL BE CONSTRUCTED OF STANDARD MASONRY UNITS.
56. MAXIMUM COLUMN HEIGHT (TO THE TOP OF THE BOND BEAM) SHALL BE 10 FT.
57. COLUMNS SHALL CONTAIN A MINIMUM OF FOUR VERTICAL BARS, ONE IN EACH CORNER.
    A. VERTICAL COLUMN REINFORCEMENT SHALL BE FOUR NO. 3 BARS FOR 8X8 INCH COLUMNS AND FOUR NO. 5 BARS FOR ALL OTHER COLUMN SIZES.
    B. CLEARANCE FROM THE VERTICAL BAR TO THE MASONRY FACE SHELL SHALL BE 1/2 INCH. MINIMUM COVER FOR CAST IN PLACE COLUMNS SHALL BE 1 1/2 INCHES OVER THE COLUMN TIES.
58. CONNECTION OF COLUMNS TO THE FOUNDATION BELOW AND TO THE BOND BEAM AT THE TOP SHALL BE AS FOLLOWS:
    A. 8X8 INCH COLUMN: ONE NO. 5 STANDARD 90 DEGREE HOOK INTO THE SUPPORT AT THE BOTTOM AND INTO THE BOND BEAM AT THE TOP.
    B. 8X16 INCH COLUMN: TWO NO. 5 STANDARD 90 DEGREE HOOKS (ONE IN EACH CELL) BOTH AT THE BOTTOM AND AT THE TOP.
    C. 12X12 INCH COLUMN AND 16X16 INCH COLUMN: BOTTOM: FOUR NO. 5 STANDARD 90 DEGREE HOOKS (ONE AT EACH VERTICAL BAR) EXTENDING FROM THE FOUNDATION AND SPLICED WITH THE VERTICAL COLUMN REINFORCEMENT; TOP: FOR CORNER COLUMNS, THREE NO. 5 STANDARD 90 DEGREE HOOKS INTO THE BOND BEAM, MINIMUM, EACH SPLICED TO A VERTICAL COLUMN BAR. FOR COLUMN LOCATED OTHER THAN AT A CORNER, TWO NO. 5 STANDARD 90 DEGREE HOOK INTO THE BOND BEAM SHALL BE SPLICED TO SEPARATE VERTICAL COLUMN BARS.
59. LATERAL TIES OF A MINIMUM 1/4 INCH DIAMETER SHALL BE USED TO ENCLOSE VERTICAL COLUMN REINFORCEMENT AS FOLLOWS:
    A. MAXIMUM VERTICAL SPACING OF LATERAL TIES SHALL BE 12".
    B. LATERAL TIES MAY BE PLACED IN MORTAR JOINTS (PROVIDED THEY ARE NO LARGER THAN 1/4 INCH DIAMETER).
    C. THE BOTTOM LATERAL TIES SHALL BE LOCATED VERTICAL NOT MORE THAN 1/2 A LATERAL TIE SPACING ABOVE THE TOP OF THE FOOTING.
    D. THE TOP LATERAL TIE SHALL NOT BE MORE THAN 1/2 A LATERAL TIE SPACING BELOW THE LOWEST HORIZONTAL REINFORCEMENT IN THE BEAM ABOVE.
60. A STEMWALL FLOATING SLAB FOUNDATION SHALL NOT BE PERMITTED UNDER THE UNENCLOSED WALLS OF A BUILDING.
61. ALL CONCRETE IS TO MIXED, TRANSPORTED, AND PLACED IN ACCORDANCE WITH THE LATEST ACI SPECIFICATIONS AND RECOMMENDATIONS.
62. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF, AND THE EXISTING SOIL BEING A GRANULAR MATERIAL SHOULD POOR SOIL CONDITIONS BE FOUND IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO COMMENCING.
63. PROVIDE GRANULAR FILL, CLAY MATERIALS ARE UNACCEPTABLE. EXISTING SOIL UNDER FOOTING AND SLABS SHALL BE CLEAN AND COMPACTED TO 95% OF AASHTO T-99.
64. FILL SHALL BE PLACED AND COMPACTED IN ONE FOOT LIFTS.
65. A CONCRETE SLAB-ON-GRADE USED IN CONJUNCTION WITH EXTERIOR STEMWALL FOUNDATIONS SHALL HAVE 6X6 NO. 10 WELDED WIRE FABRIC AT MID -HEIGHT OR SYNTHETIC FIBER REINFORCEMENT IN THE SLAB AND THE SLAB SHALL BE KEYED INTO OR TIED TO THE FOUNDATION.
66. A DOUBLE LAYER OF WELDED WIRE FABRIC SHALL BE PROVIDED AROUND THE PERIMETER OF THE CONCRETE SLAB A DISTANCE OF 3 FT. FROM THE EDGE.
67. WELDED WIRE FABRIC SHALL CONFIRM TO ASTM A-185 AND FREE OF OIL AND RUST. IT SHALL BE INSTALLED IN LENGTHS AS LONG AS POSSIBLE AND LAPPED A MINIMUM OF SIX INCHES. 68. PROVIDE (1) #5 ELECTRICAL GROUND TO FOUNDATION STEEL.
69. A 6 MIL MINIMIUM POLYETHYLENE DAMPROOFING VAPOR BARRIER SHALL BE PROVIDED.
70. FILL SHALL BE TERMITE TREATED AND A "CERTIFICATE FOR TERMITE TREATMENT" IS REQUIRED ON THE PERMIT BOARD PURSUANT TO FBC SEC. 105.10.
71. ALL FOOTINGS SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE.
72. THE TOP OF SLAB SHALL BE A MINIMUM OF 8" ABOVE FINISHED GRADE FOR WOOD FRAME CONSTRUCTION.
73. THE TOP OF SLAB SHALL BE A MINIMUM OF 4" ABOVE FINISHED GRADE FOR MASONRY VENEER AND A MINIMUM OF 6" ELSEWHERE.

CONCRETE

SHALL MEET ALL THE REQUIREMENTS OF ACI 301-84 WITH TYPE I OR II CEMENT. MINIMUM 28 DAY STRENGTH - 3000PSI UNLESS NOTED OTHERWISE.
CURBS, GUTTERS, WALKS, EXTERIOR SLABS, AND TRUCK RAMP: 4000PSI
INTERIOR SLAB AT OFFICES AND SALES AREA: 3000 PSI
NO ADMIXTURES WITHOUT APPROVAL. ADMIXTURES CONTAINING CHLORIDES SHALL NOT BE USED. CONCRETE SHALL NOT BE IN CONTACT WITH ALUMINIUM.
MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT SLABS ON GRADE NEED BE VIBRATED ONLY AROUND EMBEDDED ITEMS. MAXIMUM SLUMP - 4". DO NOT TAMP SLABS. USE ROLLER BUG, VIBRATING SCREED OR BULL FLOAT TO FINISH. SEE SPECIFICATIONS FOR CURING. CAST SLABS ON GRADE IN ALTERNATE SECTIONS, UNLESS PERMANENT FORMS ARE USED. WAIT 48 HOURS BETWEEN ALL ADJACENT CONCRETE CASTINGS. REVIBRATE TOPS OF COLUMNS AND CAISSONS SOON AFTER PLACING CONCRETE, TO CLOSE PLASTIC SHRINKAGE CRACKS.
MINIMUM STRENGTH FOR REMOVAL OF FORMS AND SHORING SHALL BE 70% OF SPECIFIED STRENGTH AT 28 DAYS.
USE OF FLY ASH IS NOT PERMITTED FOR ANY CONCRETE USED IN SLABS.

MASONRY

REINFORCED MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH = 1500 PSI.
MASONRY UNITS SHALL CONFORM TO ASTM C90.
MORTAR SHALL CONFORM TO ASTM C270, TYPE S, 1800 PSI.
GROUT SHALL CONFORM TO ASTM C476, 2000 PSI.
MECHANICALLY VIBRATE GROUT IN VERTICAL SPACES IMMEDIATELY AFTER POURING AND AGAIN ABOUT 5 MINUTES LATER. MAXIMUM GROUT LIFT WITHOUT CLEANOUTS 60". STAY EACH END OF EACH VERTICAL REBAR USING SINGLE WIRE AND LOOP TYPE TIES. MAXIMUM VERTICAL SPACING OF TIES 8"-0". SEE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS.
LOCATE AT 32 FEET MAXIMUM O.C. U.N.O., BUT NOT LESS THAN 2'-0" FROM A BEARING PLATE OR FROM A JAMB OF AN OPENING WIDER THAN 4'-0", U.N.O.
BACKFILL AGAINST MASONRY WALLS IS NOT PERMITTED UNTIL SUFFICIENT LATERAL SUPPORT IS PROVIDED.
MINIMUM VERTICAL REINFORCING TO BE # 5 @ 48" O.C.
PROVIDE (2) NO. 3 BARS IN BED JOINT IMMEDIATELY ABOVE AND BELOW OPENINGS IN BEARING WALLS. EXTENDING 24" BEYOND EACH JAMB, FOR ALL OPENINGS LESS THAN 2'-0" IN SIZE. PROVIDE HORIZONTAL JOINT REINFORCEMENT ARE ANCHORED TO FLOORS. PLACE BARS AT ROOF AND FLOOR LINES CONTINUOUS THROUGH CONTROL JOINTS. (1) NO. 5 AT 16" O.C. IN ALL WALLS U.N.O.
MASONRY WALLS HAVE BEEN DESIGNED TO SPAN VERTICALLY AS SIMPLE SPANS FROM FLOOR TO ROOF AND ARE DEPENDENT UPON THE COMPLETED ROOF STRUCTURE, METAL ROOF DECK, AND COMPLETION OF ALL MASONRY WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AS REQUIRED FOR CONSTRUCTION LOADS. FOR STABILITY, AND RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THE ENTIRE STRUCTURE IS COMPLETE. THE SHORING SHALL NOT RELY ON ANY MOMENT RESISTANCE CAPACITY OF THE FOOTINGS.

CONCRETE FLOORS

1. CONCRETE FLOORS SHALL BE CAST IN PLACE.
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI AT 28 DAYS.
3. THE TOP OF A MONOLITHIC SLAB-ON-GRADE SHALL BE AT LEAST 8 INCHES ABOVE FINISHED GRADE.
4. THE SLAB SHALL BE 4 INCHES THICK.
5. THE SLAB SHALL HAVE 6X6 NO. 10 WELDED WIRE FABRIC AT MID-HEIGHT OR SYNTHETIC FIBER REINFORCEMENT.
6. A DOUBLE LAYER OF WELDED WIRE FABRIC SHALL BE PROVIDED AROUND THE PERIMETER OF THE SLAB OF A DISTANCE OF 3 FT. FROM THE EDGE. SEE DETAIL SHEETS.
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND FREE OF OIL AND RUST. IT SHALL BE INSTALLED IN LENGTHS AS LONG AS POSSIBLE LAPPED A MINIMUM OF SIX INCHES.

STUCCO

APPLICATION OF STUCCO (PORTLAND CEMENT PLASTER) SHALL BE IN ACCORDANCE WITH ASTM C 926, APPLICATION OF PORTLAND_BASED STUCCO ON CMU AND/OR CONCRETE MUST BE A MINIMUM OF 1/2_INCH THICK FOR 2_COAT SYSTEM AND 5/8_INCH THICK FOR 3_COAT SYSTEM.
STUCCO ON METAL LATH MUST BE A MINIMUM OF 7/8_INCH THICK.

STRUCTURAL STEEL

ASTM A-36, EXCEPT AS FOLLOWS: PIPE STEEL: ASTM A-53 GRADE B, OR A-501. TUBE STEEL: ASTM A-500 GRADE B.
BOLTS AND PLAIN ANCHORS: ASTM A-307. LATEST AISC HANDBOOKS AND CODES APPLY.
MINIMUM EMBEDMENT OF ALL BOLTS IN GROUT OR CONCRETE SHALL BE 8" WITH A 3" HOOK.
WELDED ANCHORS AND SHEAR CONNECTORS SHALL BE ICOB APPROVED NELSON, KSM OR EQUAL.
ALL STEEL FABRICATION SHALL BE BY AN APPROVED FABRICATOR.
ALL STEEL BEARING TO BE ON A BOND BEAM, SOLID BLOCK CONCRETE OR STEEL DESIGNED FOR BEARING.

WELDING

ALL CONSTRUCTION AND TESTING PER AMERICAN WELDING SOCIETY CODES AND RECOMMENDATIONS. ALL WELDING SHALL BE DONE BY WELDERS HOLDING CURRENT VALID CERTIFICATES AND HAVING CURRENT EXPERIENCE IN TYPE OF WELD CALLED FOR. WELDING RODS TO BE LOW HYDROGEN TYPE, E70.
ALL BUTT WELDED SPLICES IN MATERIAL THICKER THAN 5/16" SHALL BE INSPECTED BY AN INDEPENDENT TESTING LABORATORY, TO CERTIFY ALL SPLICES AS MEETING OR EXCEEDING STRENGTH OF MATERIAL SPLICED. TWO COPIES OF ALL TEST REPORTS AND A LETTER OF SUCH CERTIFICATION SHALL BE SUBMITTED TO THE ARCHITECT.
ALL WELDING OF REINFORCING SHALL CONFORM TO THE "STRUCTURAL WELDING CODES - REINFORCING STEEL", AWS D1.4-83. WELDS INDICATED MAY BE MADE IN SHOP OR FIELD WITH APPROVAL.

LIGHT GAUGE STUDS

1. ALL MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A653-94 AND SHALL BE ZINC COATED MEETING ASTM A924. MINIMUM YIELD STRENGTH SHALL BE 33,000 PSI FOR ALL 20 GAUGE AND 18 GAUGE MEMBERS; AND 50,000 PSI FOR ALL 16 GAUGE, AND 12 GAUGE STUDS. PROPERTIES SHALL BE AS MANUFACTURED BY METAL STUD MANUFACTURERS ASSOCIATIONS PER I.C.B.O. NO. 4943 OR APPROVED EQUAL.
2. STUDS SHALL BE A MINIMUM 20 GAUGE "C" SHAPE, 1-5/8" WIDE, OF THE DEPTHS AND SPACING SHOWN ON DRAWINGS. TRACKS SHALL BE 18 GA., WITH A MINIMUM FLANGE OF 1-1/4".
3. BRIDGING SHALL BE COLD ROLLED CHANNEL, MINIMUM 1-1/2" DEEP WITH 9/16" FLANGE WIDTH. SPACE BRIDGING AT 4"-0" MAXIMUM O.C. VERTICALLY. DOUBLE UP STUDS AT ALL JAMBS. ALL CONNECTIONS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
4. SPLICE IN HEAVY GAUGE FRAMING MEMBERS, OTHER THAN RUNNER TRACK SHALL NOT BE PERMITTED. ANCHOR RUNNER TRACK TO CONCRETE WITH 0.177 O X 1-1/2" HILTI FASTNERS OR EQUAL AT 16" O.C. MAX.

FASTENERS & CONNECTORS

1. APPROVED CONNECTORS, ANCHORS AND OTHER FASTENING DEVICES NOT INCLUDED IN THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. WHERE FASTENERS ARE NOT OTHERWISE SPECIFIED FASTENERS SHALL BE PROVIDED IN ACCORDANCE WITH THE 2017 6TH EDITION FLORIDA BUILDING CODE. NAILS, SCREWS, OR BOLTS SHALL BE ABLE TO RESIST THE FORCES IN THIS CODE.
3. UNLESS OTHERWISE STATED, SIZES GIVEN FOR NAILS ARE COMMON WIRE NAILS. FOR EXAMPLE, 8D = 2 1/2 INCHES LONG X 0.131-INCH DIAMETER. SEE TABLE 12.3B, COLUMNS 2, 3, AND 4, IN THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION. METAL PLATES, CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER OR SUBJECT TO SALT CORROSION IN COASTAL AREAS, AS DETERMINED BY THE BUILDING OFFICIAL, SHALL BE STAINLESS STEEL, OR HOT DIPPED GALVANIZED AFTER THE FASTENER OR CONNECTOR IS FABRICATED TO FORM A ZINC COATING NOT LESS THAN 1 OZ PER SQ FT, OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING OF 1.8 OZ PER SQ FT OF STEEL MEETING THE REQUIREMENTS OF ASTM A 90 TRIPLE SPOT TEST.

WOOD GENERAL

1. ALL WOOD CONSTRUCTION SHALL COMPLY WITH THE LATEST NFPA AND AITC SPECIFICATIONS AND RECOMMENDATIONS.
2. LUMBER STANDARD SHALL BE AMERICAN SOFTWOOD LUMBER STANDARD PS 20-70, S4S, 19% MOISTURE OR AS REQUIRED BY STRUCTURAL DESIGN.
3. STRUCTURAL LUMBER (ROOF BEAMS, HEADERS, COLUMNS, EXTERIOR WALL STUDS TO BE SOUTHERN PINE NO. 2 KD 15 WITH A FB=1,300 PSI E=1,600,000 PSI, AND FV = 95 PSI.
4. GLUE LAMINATED TIMBER SHALL CONFORM WITH ASTM D-3737 AND AITC 117. ROOF BEAMS SHALL BE DESIGNATED 24F-V1 OR 24F-E1.
5. PLYWOOD FOR SHEATHING SHALL BE APA RATED SHEATHING AS PER PLANS AND SHALL BEAR THE APA MARK.
6. WOOD IN CONTACT WITH CONCRETE, MASONRY AND/OR EXPOSED TO WEATHER SHALL BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH AITC-109.

EXTERIOR WALL FRAMING

1. STUDS SHALL BE PLACED WITH THE WIDE FACE PERPENDICULAR TO THE WALL.
2.. HEADER BEAMS SHALL BE PROVIDED AND SIXED IN ACCORDANCE WITH THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE.
3. THE MINIMUM NUMBER OF HEADER STUDS SUPPORTING EACH END OF A HEADER BEAM SHALL BE 2.
4. THE MINIMUM NUMBER OF FULL-LENGTH WALL STUDS AT EACH END OF A HEADER BEAM SHALL BE 2 FOR OPENINGS OF 6 FEET OR LESS, AND 3 FEET FOR ALL OTHER OPENINGS.
5. UPLIFT CONNECTORS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF CRIPPLE STUDS, OF HEADER STUDS, AND AT LEAST ONE WALL STUD AT EACH SIDE OF OPENING.

CONNECTIONS FOR EXTERIOR WALL FRAMING

1. FRAMING MEMBERS IN EXTERIOR WALL SYSTEMS SHALL BE FASTENED TOGETHER IN ACCORDANCE WITH THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE.
2. UPLIFT CONNECTORS SHALL BE PROVIDED TO RESIST THE UPLIFT LOADS.
3. UPLIFT LOAD RESISTANCE SHALL BE CONTINUOUS FROM ROOF TO FOUNDATION.
4. STUDS SHALL BE CONNECTED TO PLATES AND PLATES TO FLOOR FRAMING WITH CONNECTORS DESIGNED, RATED, AND APPROVED FOR EACH INDIVIDUAL LOCATION AND CONDITION. SEE WINDLOAD CONNECTORS SCHEDULE.
5. WHERE ANCHOR DOWN CONNECTORS OCCUR CONNECTORS REQUIRED FOR UPLIFT RESISTANCE MAY BE OMITTED.

EXTERIOR WALLS

1. EXTERIOR WALL SEGMENTS SHALL NOT CONTAIN OPENINGS WHICH WHEN ADDED TOGETHER WILL EXCEED 144 SQ IN (1 SQ FT) IN ANY INDIVIDUAL SEGMENT.
2. EACH CORNER SHALL BE SHEATED FOR A LEAST 3 FEET AND MAY BE COUNTED AS A SHEARWALL SEGMENT.
3. MINIMUM LENGTH OF A SHEARWALL SEGMENT SHALL BE 2'-5". THE TOPS OF ALL SHEARWALL SEGMENTS IN ANY WALL SHALL BE CONNECTED BY DRAG STRUTS.
4. STUDS SHALL BE DOUBLED AT EACH END OF EACH SHEARWALL SEGMENT.
5. JOINTS SHALL BE LAP-SPLICED. WITHIN THE CENTER THIRD OF A WALL LENGTH, THE MINIMUM LAP SHALL BE 4 FEET. LAP SPLICES SHALL BE CONNECTED WITH 14 16D COMMON NAILS.
6. PROVIDE BRIDGING/BLOCKING AT 4'-0" O.C. AT EXTERIOR WALL STUDS.

PLYWOOD SHEATING USED FOR UPLIFT RESISTANCE

1. PANELS SHALL BE 5/8" EXPOSURE 1 SHEATHING GRADE PLYWOOD AND SHALL BE INSTALLED AS FOLLOWS:
   PANELS SHALL BE INSTALLED WITH FACE GRAIN PARALLEL TO STUDS. ALL HORIZONTAL JOINTS HALL OCCUR OVER FRAMING AND SHALL BE ATTACHED PER DETAIL SHEETS.
   FLATWISE BLOCKING SHALL BE USED AT ALL HORIZONTAL PANEL JOINTS.
   PANELS SHALL BE ATTACHED TO BOTTOM PLATES AND TOP MEMBER OF THE DOUBLE TOP PLATE.
   LOWEST PLATES SHALL BE ATTACHED TO FOUNDATION WITH BOLTS OR CONNECTORS OF SUFFICIENT CAPACITY TO RESIST THE UPLIFT FORCES DEVELOPED IN THE PLYWOOD SHEATHED WALLS.
   PANEL ATTACHMENT TO FRAMING SHALL BE AS ILLUSTRATED IN THE DETAIL SHEETS.
   WHERE WINDOWS AND DOORS INTERRUPT PLYWOOD SHEATHING, FRAMING ANCHORS OR CONNECTORS SHALL BE USED TO RESIST THE APPROPRIATE UPLIFT LOADS.

ANCHOR DOWN CONNECTORS

1. EXTERIOR WALLS REQUIRE ANCHOR DOWNS TO RESIST OVERTURNING MOMENT.
2. TWO STUDS AND ANCHOR DOWN ARE REQUIRED AT EACH END OF EACH SHEAR WALL SEGMENT.
3. THE ANCHOR DOWN SHALL BE FASTENED THROUGH THE DOUBLED STUDS AND TO THE CONSTRUCTION BELOW IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SEE WIND LOAD CONNECTORS SCHEDULE.

ROOF & TRUSS FRAMING SYSTEMS

1. ROOF TRUSS FRAMING SHALL BE SPACED A MAXIMUM OF 24" O.C.
2. TRUSSES SHALL BE NO. 2 SOUTHERN YELLOW PINE, UNLESS WHERE NOTED TO BE PRESSURE TREATED.
3. UPLIFT CONNECTORS SHALL BE PROVIDED AT TRUSS BEARING TO RESIST THE UPLIFT LOADS.
4. PROVIDE PRE-FABRICATED ROOF TRUSS LAYOUT DESIGNED BY A LICENSED FLORIDA ENGINEER.

ROOF SHEATHING

1. ROOF SHEETING SHALL BE 15/32 INCH EXPOSURE 1 C-D SHEETING GRADE PLYWOOD (WOOD STRUCTURAL PANELS), OR EQUIVALENT.
2. THE SHEETING SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL SHEETS.
3. LONG DIMENSION SHALL BE PERPENDICULAR TO FRAMING AND END JOINTS SHALL BE STAGGERED.
4. SHEATHING SHALL BE FASTENED TO ROOF FRAMING WITH 8D RING-SHANK NAILS AT 6 INCHES ON CENTER AT EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE FRAMING. (PURSUANT TO THE 2017 6TH EDITION FLORIDA BUILDING CODE.)
   RING-SHANK NAILS SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS:
   A. 0.113-INCH NOMINAL SHANK DIAMETER
   B. RING DIAMETER OF 0.012 OVER SHANK DIAMETER
   C. 16-20 RINGS PER INCH
   D. 0.280 INCH FULL ROUND HEAD DIAMETER
   E. 2 $\frac{3}{8}$"-INCH NAIL LENGTH

EXCEPTIONS:
WHERE ROOF DIAPHRAGM REQUIREMENTS MAY NECESSITATE A CLOSER FASTENER SPACING.

FASTENERS & CONNECTORS

1. APPROVED CONNECTORS, ANCHORS AND OTHER FASTENING DEVICES NOT INCLUDED IN THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. WHERE FASTENERS ARE NOT OTHERWISE SPECIFIED FASTENERS SHALL BE PROVIDED IN ACCORDANCE WITH THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE. NAILS, SCREWS, OR BOLTS SHALL BE ABLE TO RESIST THE FORCES IN THIS CODE.
3. METAL PLATES, CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER OR SUBJECT TO SALT CORROSION IN COASTAL AREAS, AS DETERMINED BY THE BUILDING OFFICIAL, SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED AFTER THE FASTENER OR CONNECTOR IS FABRICATED TO FORM A ZINC COATING NOT LESS THAN 1 OZ PER SQ FT, OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING OF1.8 OZ PER SQ FT OF STEEL MEETING THE REQUIREMENTS OF ASTM A 90 TRIPLE SPOT TEST.

GENERAL

1. LAND INVESTMENT SERVICES, INC. HAS NOT BEEN RETAINED TO PROVIDE, NOR ARE THEY RESPONSIBLE FOR, THE FIELD SUPERVISION, INSPECTION, OR CONSTRUCTION ADMINISTRATION OF THIS PROJECT.
2. THIS BUILDING/STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE, 5TH EDITION, FOR DESIGN PRESSURES GENERATED BY A THREE SECOND GUST DESIGN WIND VELOCITY OF 150 MPH, (116 MPH FASTEST MILE WIND VELOCITY). STRUCTURAL CALCULATIONS; INCLUDING GRAVITY LOADS, AS NECESSARY TO CONFIRM COMPLIANCE WITH THE 2017 6TH EDITION FLORIDA BUILDING CODE, HAVE BEEN PERFORMED.
3. THE OWNER, HIS AGENT, OR GENERAL CONTRACTOR IS RESPONSIBLE FOR FIELD SUPERVISION, CONSTRUCTION ADMINISTRATION, REVIEW AND APPROVAL OF ALL SHOP DRAWINGS, VERIFICATION ON-SITE OF ALL DIMENSIONS AND ELEVATIONS, AND STRICT COMPLIANCE WITH THESE CONSTRUCTION DOCUMENTS AS APPROVED BY LOCAL BUILDING DEPARTMENT, AND DESIGNED AND REVIEWED BY LIS ENGINEERING, LLC.
4. THESE PLANS ARE NOT INTENDED TO BE MASTERED. THE REPETITIVE USE OF THESE PLANS FOR PERMITTING IS NOT APPROVED.
5. ALL WINDOWS, DOORS, AND OTHER SUCH SYSTEMS, COMPONENTS AND CLADDING SHALL BE DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE 5TH EDITION FOR DESIGN PRESSURES SEC. 1609 GENERATED BY A THREE SECOND GUST DESIGN WIND VELOCITY OF 150 MPH, (116 MPH FASTEST MILE WIND VELOCITY), SEE "DESIGN PARAMETERS" FOR SPECIFIC PRESSURES.
6. CONTRACTOR SHALL VERIFY IN FIELD ALL EXISTING CONDITIONS SHOWN ON DRAWINGS.
7. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING PRIOR TO CONSTRUCTION OF ANY DISCREPANCY BETWEEN PLANS AND ON-SITE DIMENSIONS AND ELEVATIONS.
8. (1) ROOF DEAD LOAD = 30 PSF. DEAD LOAD AVAILABLE TO RESIST UPLIFT = 10 PSF
   (2) ROOF LIVE LOAD = 20 PSF (REDUCIBLE)
   (3) MECH- LOADS : SEE PLANS COORDINATE WITH CONTRACTOR.
9. PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADES, DRAWINGS AND SUB-CONTRACTORS PRIOR TO CONSTRUCTION.
10. THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTION AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. UNLESS OTHERWISE NOTED, MINIMUM CONNECTION ELSEWHERE SHALL BE TWO 5/8" DIAM. BOLTS OR 1/4" FILLET WELD 4" LONG, USING 1/4" CONNECTION MATERIAL AND DETAILED TO MINIMIZE BENDING IN CONNECTION.
12. EPOXY ANCHORS SHALL BE 'SET' ADHESIVE BY SIMPSON ISBO #ER-5279 OR APPROVED EQUAL. TORS CONVENIENCE. HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY IF HE CHOOSES AN OPTION AND HE SHALL COORDINATE ALL DETAILS.
14. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF FLORIDA.
15. UNLESS OTHERWISE NOTED, DETAILS ON STRUCTURAL DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES OR TITLES.
16. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

ENGINEERING OFFICE
21430 Palm Beach Blvd.
Alva, Fla. 33920
Phone: (239) 693-9244
facsimile: (239) 693-9828

LIS ARCHITECTURE ENGINEERING
LAND INVESTMENT SERVICES, LLC
AA 26002040 CA NO: 6853 LB1057

ARCHITECTURE / ENGINEERING OFFICE
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Phone: (321) 244-0402
facsimile: (321) 244-9419

ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

Kb 30-19

STRUCTURAL NOTES

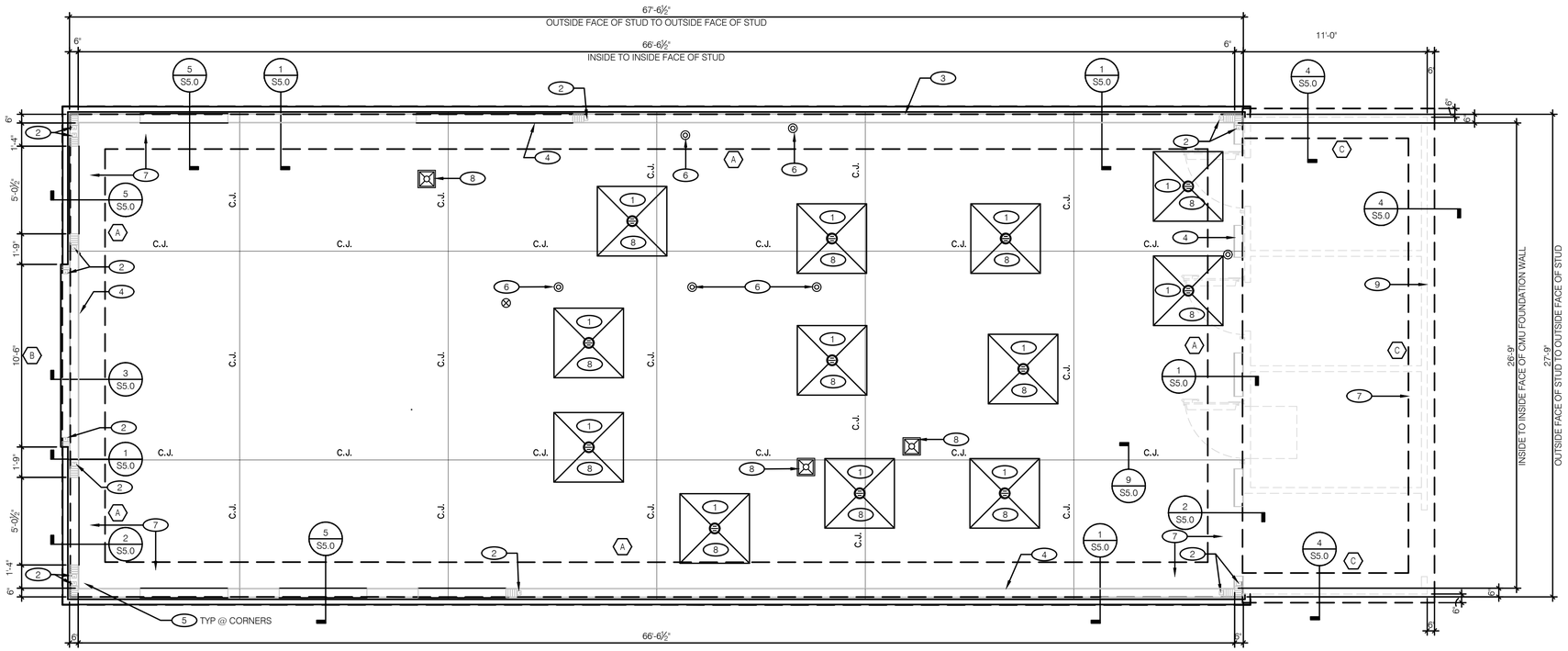
S1.0

PLOT DATE: --/--/2020

STRUCTURAL NOTES N.T.S. **A**

(BUILDING LEFT)

(BUILDING FRONT)



(BUILDING REAR)

(BUILDING RIGHT)

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.

FOUNDATION PLAN 1/4"=1'-0" A

DESIGN PARAMETERS E

APPLICABLE CODES:
- BUILDING CODES = FLORIDA BUILDING CODE 6TH EDITION, BUILDING 2017
- MECHANICAL CODE = 2017 FLORIDA BUILDING CODE, MECHANICAL 6TH EDITION
- PLUMBING CODE = 2017 FLORIDA BUILDING CODE, PLUMBING 6TH EDITION
- ELECTRICAL CODE = NFPA 70, NATIONAL ELECTRICAL CODE, 2011 EDITION
- FIRE CODE = FLORIDA FIRE PREVENTION CODE 6TH EDITION, (NFPA 1 & NFPA 101), 2012
- ACCESSIBILITY CODE = FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, 2017 6TH EDITION
- ENERGY CODE = 2017 FLORIDA ENERGY CODE - CH13 (FLORIDA ENERGY EFFICIENCY FOR BUILDING CONSTRUCTION)

METHOD OF DESIGN:
DESIGNED PURSUANT TO 2014 FLORIDA BUILDING CODE, SECTION 1609, AND ASCE 7-10

BASIC WIND SPEED:
- [X] 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)
- [ ] 139 MPH (ULTIMATE DESIGN) = 108 MPH (NOMINAL DESIGN)

RISK CATEGORY:
- [ ] 0.77 (BUILDING CATEGORY I)
- [X] 1.00 (BUILDING CATEGORY II)

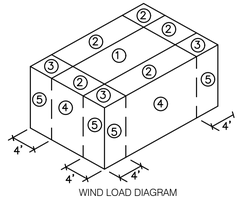
SURFACE ROUGHNESS:
- [X] B [ ] C [ ] D

EXPOSURE CATEGORY:
- [ ] B [X] 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 [X] TYPE III-B [ ] TYPE V-B

WINDBORNE DEBRIS REGION:
- [ ] NO
- [X] YES
  - [X] IMPACT RESISTANT GLAZING
  - [ ] IMPACT RESISTANT COVERING

INTERNAL PRESSURE COEFFICIENTS:
- [ ] 0.00 (OPEN)
- [X] +0.18, -0.18 (ENCLOSED)
- [ ] +0.55, -0.55, (PARTIALLY ENCLOSED)



WIND LOAD DIAGRAM

COMPONENTS AND CLADDING PRESSURES:
- ZONE 1: +13.0 / -37.0
- ZONE 2: +13.0/ -43.9
- ZONE 3: +16.5 / -102.2
- ZONE 4: +30.2 / -33.6
- ZONE 5: +36.2 / -45.7

TERMITE PROTECTION D

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.

FOUNDATION PLAN NOTES C

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	AGGREGATE SIZE - INCHESS	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.

KEY NOTES N.T.S. B

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 HOLDOWN; 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

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:
- A

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

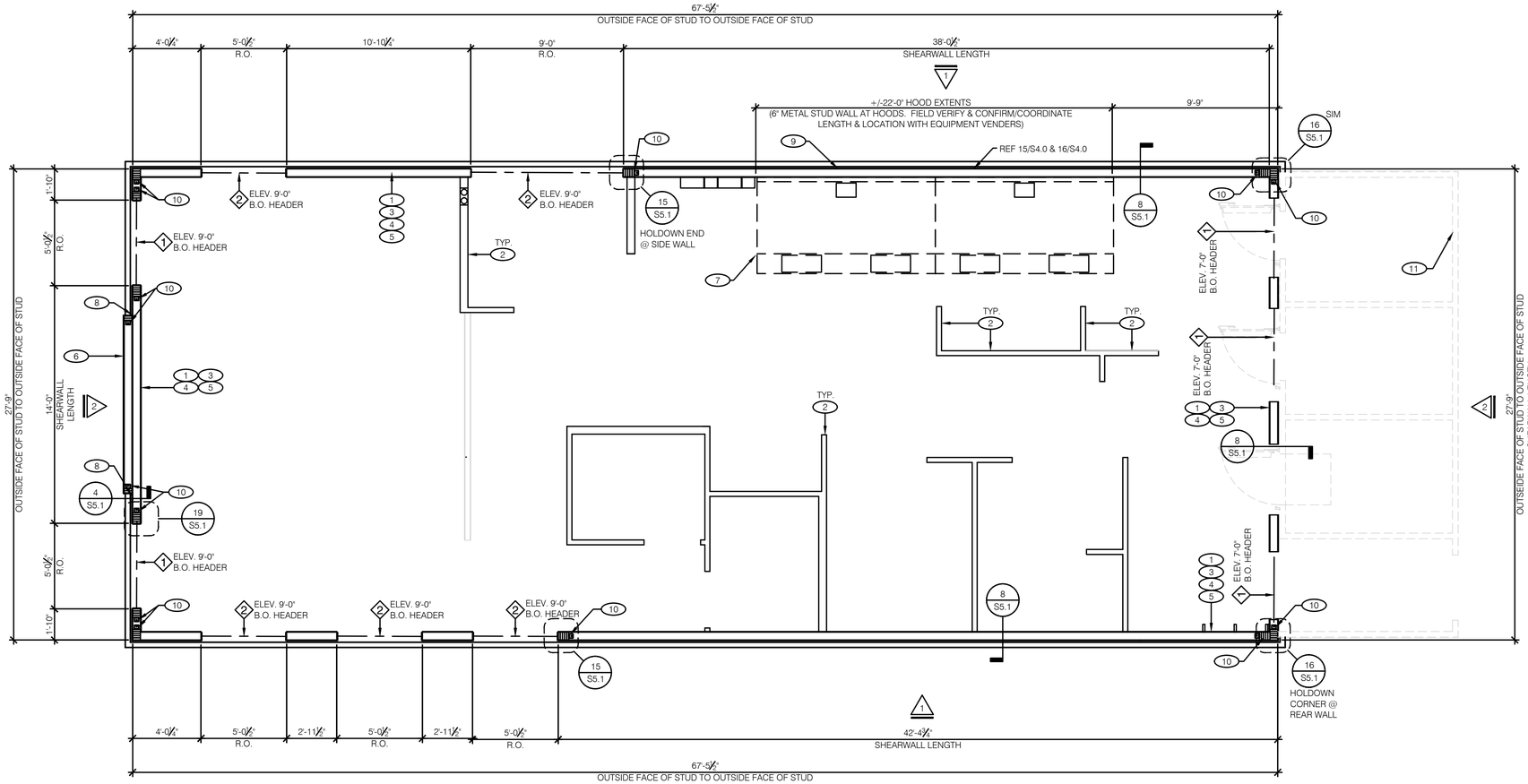
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

FOUNDATION PLAN

S2.0

PLOT DATE: --/--/2020



12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

WALL FRAMING PLAN 1/4"=1'-0" **A**

MARK	BUILT-UP SECTION	MANUF. MEMBER
1	(3) 2 x 10 w/ 2x6 TOP AND BOTTOM	
2		(3) 1-3/4" x 11-1/4" LVL w/ 2x6 TOP AND BOTTOM

1. BUILT-UP HEADER SECTION SHALL HAVE ½" PLYWOOD SANDWICHED PIECES. SEE DETAIL 14, SHEET S4.2 FOR CONNECTION.
2. MANUFACTURED LUMBER SHALL 1.9E MICROLAM LVL OR APPROVED EQUAL (NER-200). SEE DETAIL 18, SHEET S4.2 FOR CONNECTION.
3. VERIFY ALL BOTTOM OF HEADER ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.

HEADER SCHEDULE AND NOTES **F**

SW	SHEATHING	EDGE	FIELD	HOLDOWN	PLATE / ANCHOR BOLT	REMARKS
1	15/32" CDX PLYWD, PS1 RATING, TYP	10d @ 6" O.C.	10d @ 12" O.C.	HDU2 5/8" Ø ANCHOR DRILL AND EPOXY 6" EMBED W/ HILTI HY 200	5/8" Ø TITEN HD (7" EMBED) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	15/32" CDX PLYWD, PS1 RATING, TYP	10d @ 4" O.C.	10d @ 12" O.C.	HDU14 1" Ø ANCHOR 16" EMBED	5/8" Ø TITEN HD (7" EMBED) @ 16" O.C. W/ WASHER	PLYWOOD ON BOTH FACES OF STUDS
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" Ø TITEN HD @32" OC W/ WASHER (7" EMBED)	NOT REQ'D

*** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

1. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
2. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.
3. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
4. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.
5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.
6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDOWNS. INSTALL PER DETAILS ON S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.
7. EDGE NAIL WALL PLYWOOD TO STUDS OR POSTS WITH HOLDOWNS.
8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 4" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. SILL PLATES SHALL BE (2) 2x MEMBERS.
9. PROVIDE A MINIMUM OF TWO SILL ANCHORS PER SILL PLATE SEGMENT WITH BOLTS LOCATED FROM THE END OF EACH SEGMENT AT LEAST 4 INCHES, BUT NOT MORE THAN 12 INCHES.
10. FASTENERS FOR PRESSURE-PRESERVATIVE AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A153.
11. PROVIDE 1/4"x3"x3" PLATE WASHER BETWEEN HEAD OF SILL ANCHOR BOTLS AND WOOD SILL PLATE AT ALL INTERMEDIATE SILL ANCHORS.

WALL SHEATHING, SHEARWALL SCHEDULE AND NOTES **D**

STRUCTURAL WOOD FRAMING SHALL MEET OR EXCEED THE FOLLOWING:

USE	WOOD TYPE	GRADE	FB/PSI	FCP/PSI	E/PSI
2X8	SOUTHERN PINE	#2	925	1,350	1,400,000
2X10	SOUTHERN PINE	#2	800	1,300	1,400,000
2X12	SOUTHERN PINE	#2	750	1,250	1,400,000
STUDS (2X6)	SOUTHERN PINE	#2	1,000	1,400	1,400,000
6x6	SOUTHERN PINE	#1	1,350	825	1,500,000

ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
SEE SHEET A1.0 FOR DIMENSIONS.
EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.
ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED.
ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.
THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.
USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.
LAYOUT STUDS TO ALIGN WITH ROOF TRUSSES. PROVIDE DOUBLE STUDS AT DOUBLE TRUSSES, TYPICAL. SEE ROOF FRAMING PLAN ON SHEET S3.0 FOR TRUSS LOCATIONS.

FRAMING PLAN NOTES **C**

1. SET OUTSIDE FACE OF STUD 1/2" IN FROM OUTSIDE FACE OF CONCRETE CURB.
2. INTERIOR NONBEARING STUD WALL FRAMING REFER TO SHEET A1.0 FOR DIMENSIONS, STUD SIZES, WALL ASSEMBLY. SEE DETAIL 13, 14/S5.1 AND WALL FRAMING NOTES.
3. (2) 2 x 6 TOP PLATES @ PARAPET 18'-5"; TYPICAL U.N.O. SPLICE PER 11/S5.1.
4. TOP OF PLATE ELEVATION 11'-0" = TRUSS BEARING.
5. (2) 2 x 6 BEARING W/ (3) FULL HEIGHT STUDS; TYPICAL AT WALL OPENING / WALL TERMINATION, U.N.O.
6. TOWER WALL FRAMING. OUTSIDE FACE OF EXTERIOR PLYWOOD SHEATHING SHALL BE SET FLUSH WITH EXTERIOR FACE OF THICKENED CONCRETE CURB.
7. HOOD, REFERENCE ARCH AND MEP. REFER TO 20/S5.1 FOR ATTACHMENT
8. EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH TOWER FRAMING OR INTERSECTING WALLS, TYPICAL.
9. FASTENER FOR SHEARWALL SHALL BE #8 SCREW AT SAME EDGE AND FIELD SPACING LISTED IN THE SHEARWALL SCHEDULE WHERE STUDS ARE METAL
10. SHEAR WALL HOLD DOWN, REFER TO KEY NOTE 2/S2.0. SEE SHEAR WALL SCHEDULE, THIS SHEET.
11. COOLER / FREEZER, BY SUPPLIER

KEY NOTES **B**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

CONTRACT DATE:	-.-.-2019
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PLAN VERSION:	2018.A
SITE NUMBER:	
ENTITY NUMBER:	
STORE NUMBER:	
LIS PROJECT;	2019-304

KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

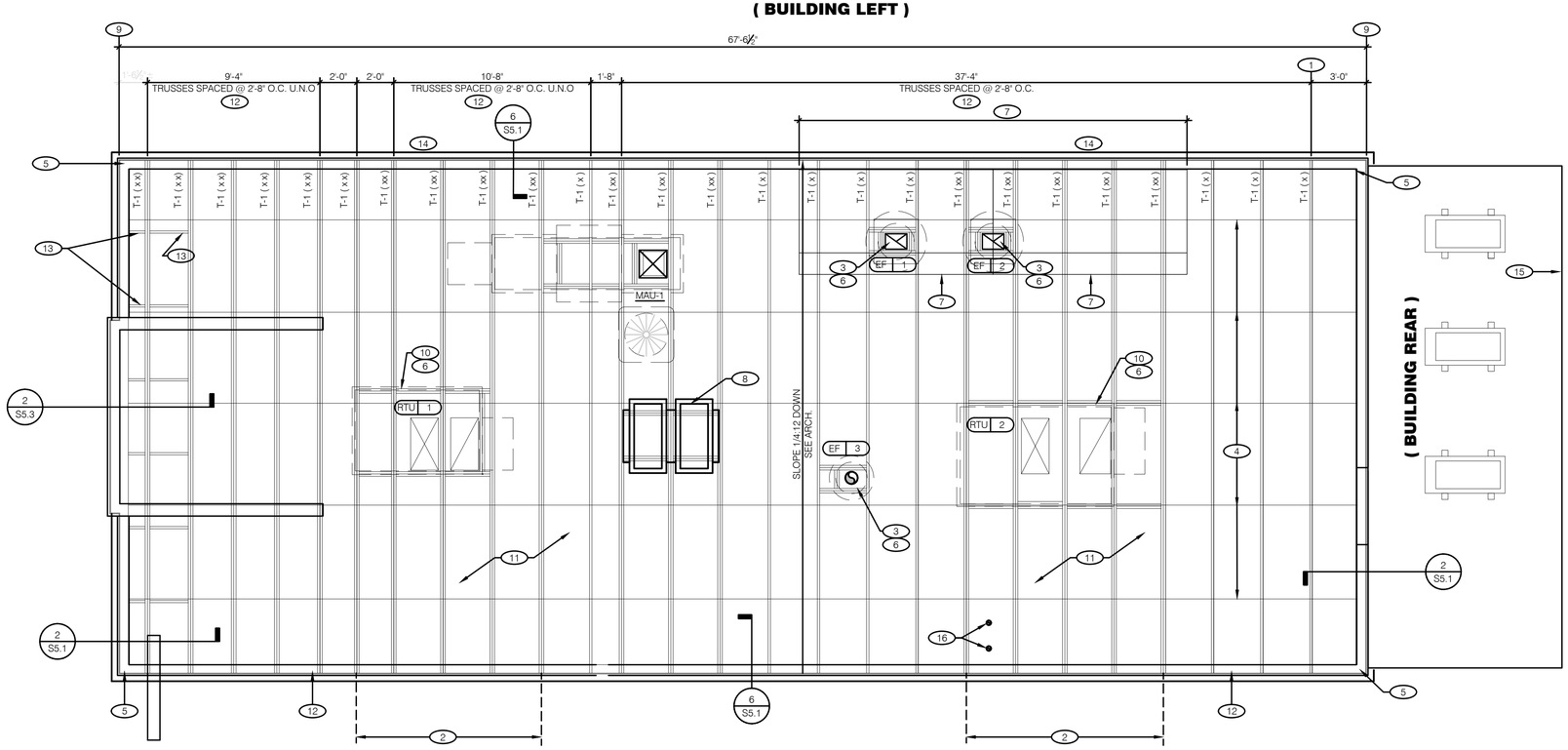
Kb 30-19

WALL FRAMING PLAN

S3.0

PLOT DATE: --/--/2020

(BUILDING LEFT)



(BUILDING RIGHT)

EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES - COMPLY WITH TPI BRACING REQUIREMENTS.

ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS. VERIFY ROOF SLOPES W/ ARCHITECTURAL DRAWINGS.

12 11 10 9 8 7 6 5 4 3 2 1

ROOF FRAMING PLAN 1/4"=1'-0" A

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 4" O.C.	-
EN	10d @ 6" O.C.	-
FN	10d @ 12" O.C.	-
ROOF SHEATHING	5/8" CDX PLYWOOD (40/20), PS1 RATING	

NOTE: SEE 11/S5.2 FOR DEFINITIONS.

NAILING SCHEDULE - ROOF D

ROOF FRAMING NOTES:

A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE BLOCKED WITH 2x4 INSTALLED FLAT. PLYWOOD METAL CLIPS ARE NOT PERMITTED. SEE DETAIL 8 / S5.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

MANUFACTURED ROOF TRUSS NOTES:

A. MANUFACTUTRED ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.

B. "T-# (x)" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 13 / S5.2.

C. TRUSS DRAWINGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS; BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF PROJECT). SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW, AND IF REQUIRED, TO BUILDING OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCULATIONS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. TRUSS MANUFACTURER SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT. ALLOW A MINIMUM OF 10 BUSINESS DAYS FOR REVIEW.

D. TRUSS MANUFACTURER SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.

E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2 x 6 MINIMUM AND CONSISTENTLY SIZED THROUGHOUT PROJECT.

F. REFER TO TRUSS ELEVATIONS FOR SHAPE, VARIATION, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS.

G. MANUFACTURERED ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 9 / S5.2.

H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECTRICAL FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MANUFACTURER.

I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.

K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTORS EXPENSE.

L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

ROOF FRAMING NOTES C

1. STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS / DOUBLE TRUSS.
2. VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING, TYPICAL.
3. FRAMING FOR EXHAUST FAN CURB. VERIFY SIZE OF OPENING / FRAMING LOCATION WITH EXHUAST FAN MANUFACTURER and MECHANICAL DRAWINGS.
4. CONTINUOUS 2 x 4 WOOD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAXIMUM SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 12 / S5.1 FOR LAP CONFIGURATION.
5. SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
6. (2) 2x6 JOISTS W/ U26-2 HANGERS; EACH END. TYPICAL AT ALL ROOF OPENINGS. SEE DETAIL 17 / S5.2.
7. LOCATION OF HOODS. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAILS.
8. FRAMING FOR CONDENSER PLATFORM. REFER TO SHEET A3.0.
9. DIMENSIONS ARE FROM OUTSIDE FACE OF EXTERIOR WALL FRAMING.
10. FRAMING FOR RTU CURB. VERIFY SIZE OF OPENING / FRAMING LOCATION WITH RTU MANUFACTURER AND MECHANICAL DRAWINGS.
11. ROOF SHEATHING. REFER TO D/S4.0.
12. TRUSS BEARING (B.O. TRUSS) @ 11'-0" A.F.F. TYPICAL.
13. 2 x 6 DIAGONAL BRACING @ 4'-0" O.C. SEE DETAIL 1 / S5.1.
14. FRAMING FOR ROOF DRAIN; COORDINATE WITH ROOF DRAIN MANUFACTURER SPECIFICATIONS / REQUIREMENTS.
15. OUTLINE OF COOLER/FREEZER ROOF
16. WATER HEATER EXHAUST AND INTAKE FLUE

KEY NOTES B

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LIS PROJECT;	2019-304

KFC

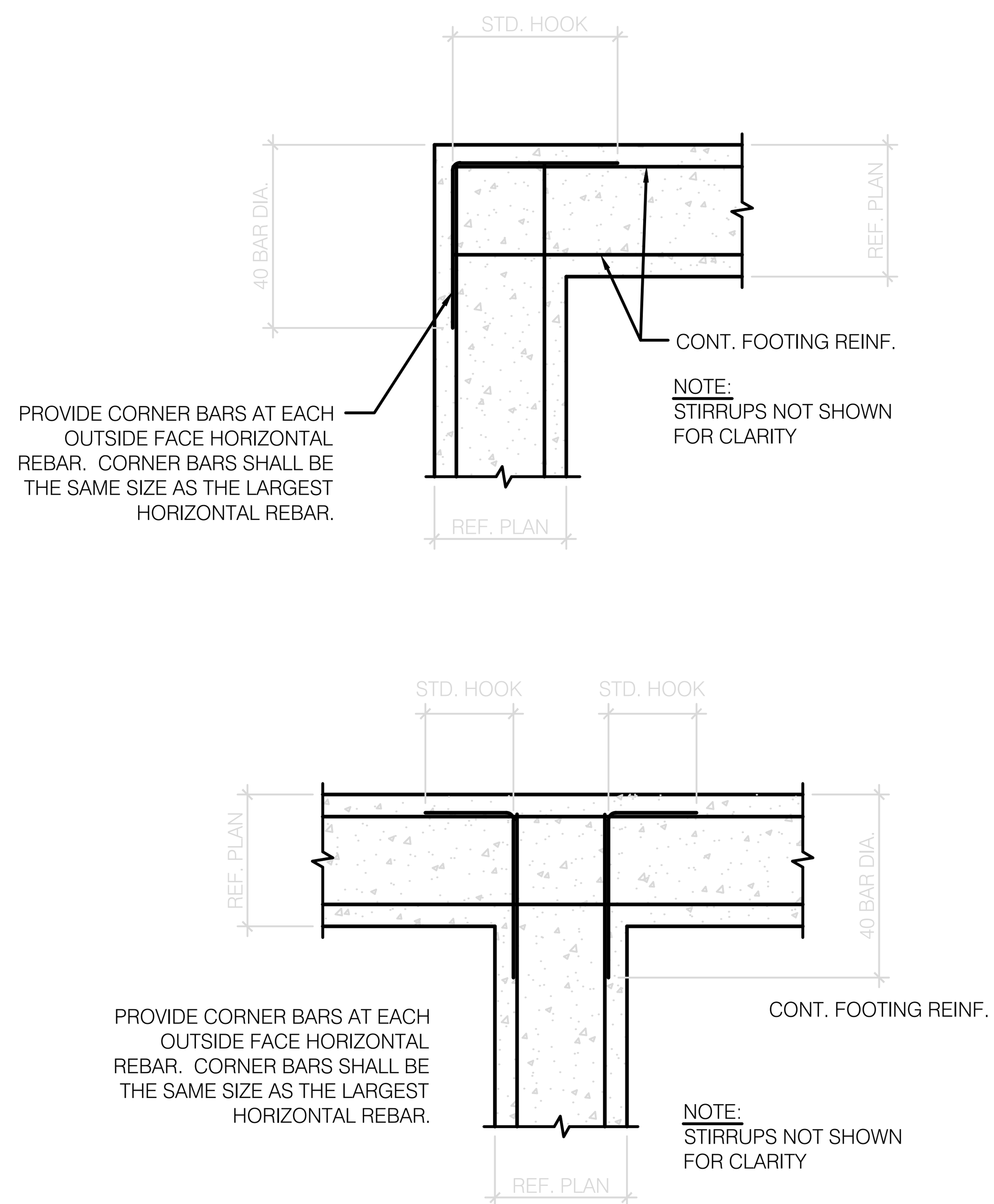
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

ROOF FRAMING PLAN

S4.0

PLOT DATE: --/--/2020


STD. HOOK
40 BAR DIA.
REF. PLAN
CONT. FOOTING REINF.
NOTE:
STIRRUPS NOT SHOWN
FOR CLARITY
PROVIDE CORNER BARS AT EACH
OUTSIDE FACE HORIZONTAL
REBAR. CORNER BARS SHALL BE
THE SAME SIZE AS THE LARGEST
HORIZONTAL REBAR.
STD. HOOK
STD. HOOK
REF. PLAN
40 BAR DIA.
PROVIDE CORNER BARS AT EACH
OUTSIDE FACE HORIZONTAL
REBAR. CORNER BARS SHALL BE
THE SAME SIZE AS THE LARGEST
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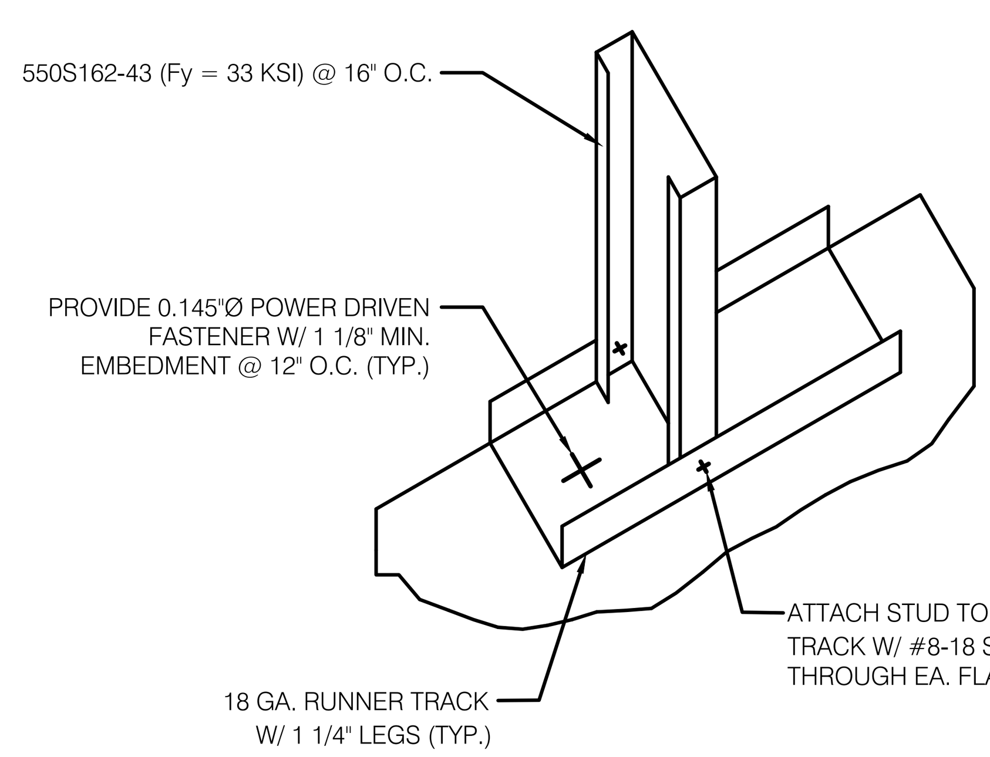
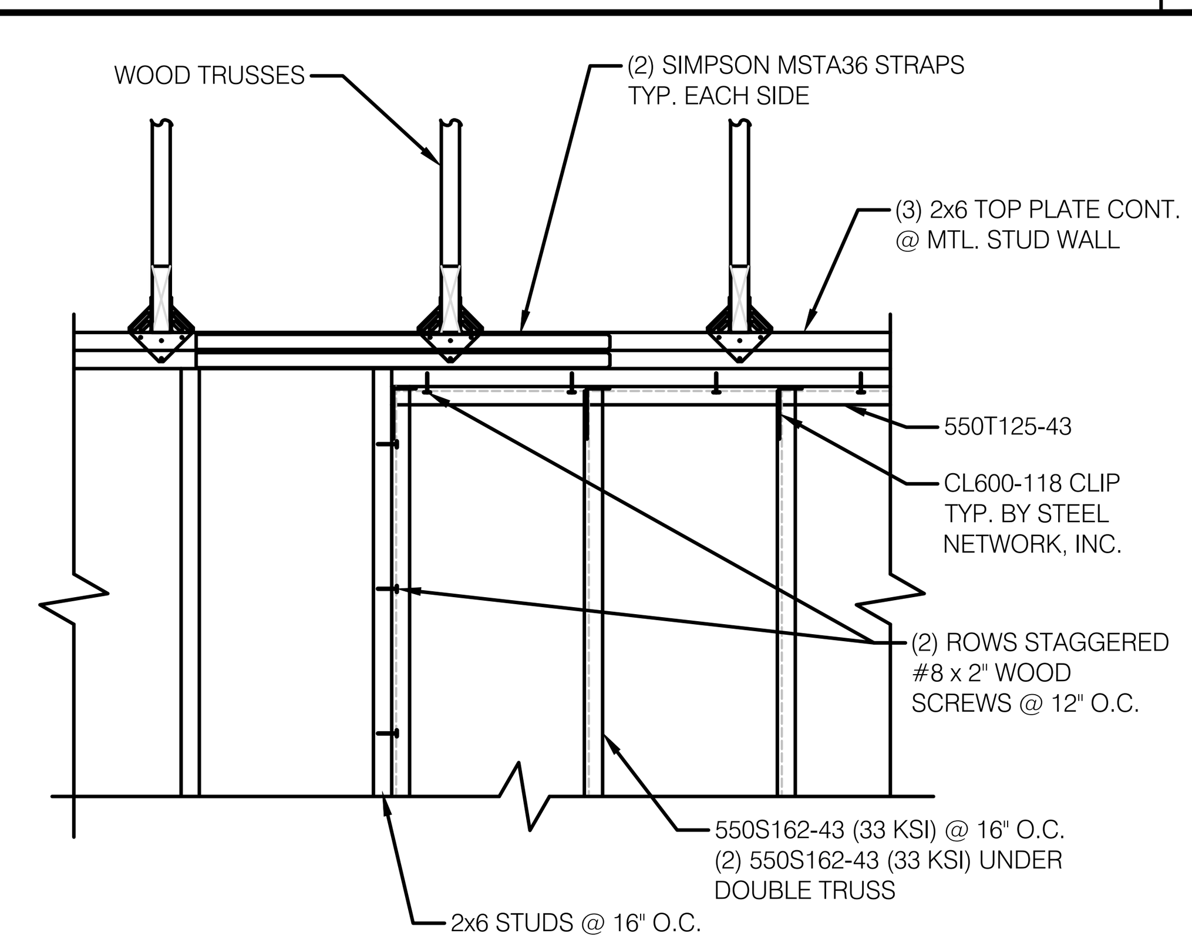
CONT. FOOTING REINF.
NOTE:
STIRRUPS NOT SHOWN
FOR CLARITY
REF. PLAN

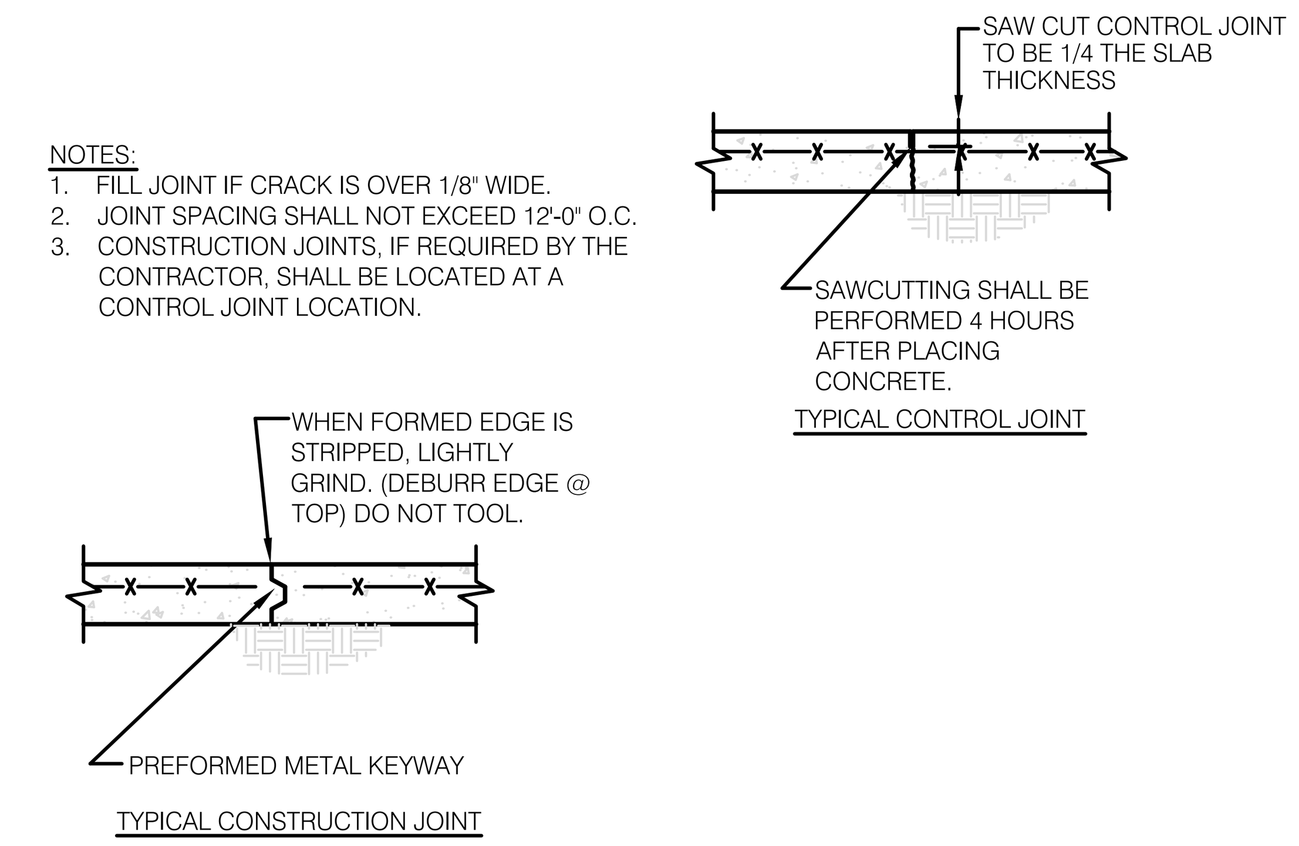
CORNER & INTERSECTING REINF. N.T.S. | 14



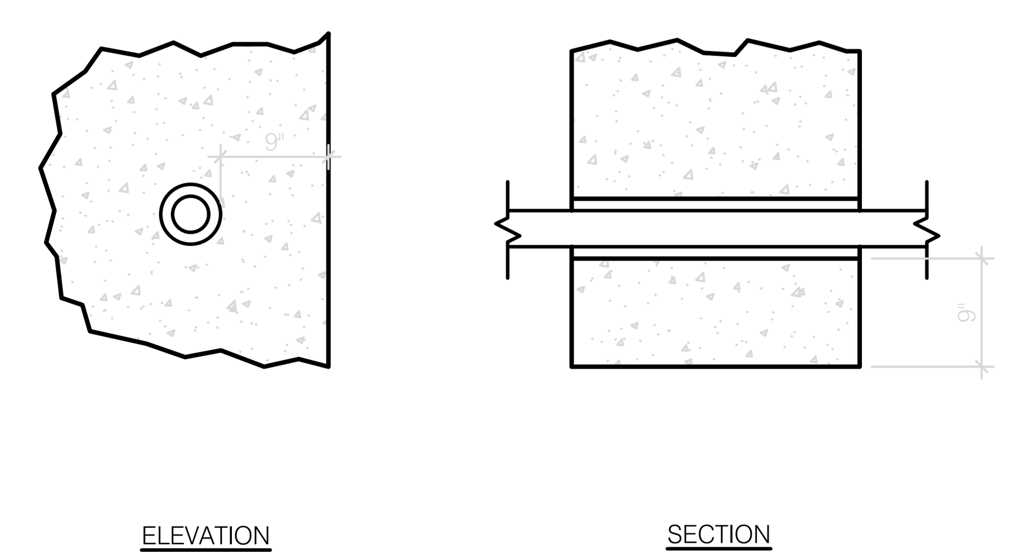
METAL STUD WALL BASE N.T.S. | 15


WOOD TRUSSES
(2) SIMPSON MSTA36 STRAPS
TYP. EACH SIDE
(3) 2x6 TOP PLATE CONT.
@ MTL. STUD WALL
550T125-43
CL600-118 CLIP
TYP. BY STEEL
NETWORK, INC.
(2) ROWS STAGGERED
#8 x 2" WOOD
SCREWS @ 12" O.C.
550S162-43 (33 KSI) @ 16" O.C.
(2) 550S162-43 (33 KSI) UNDER
DOUBLE TRUSS
2x6 STUDS @ 16" O.C.

METAL STUD FRAMING N.T.S. | 16

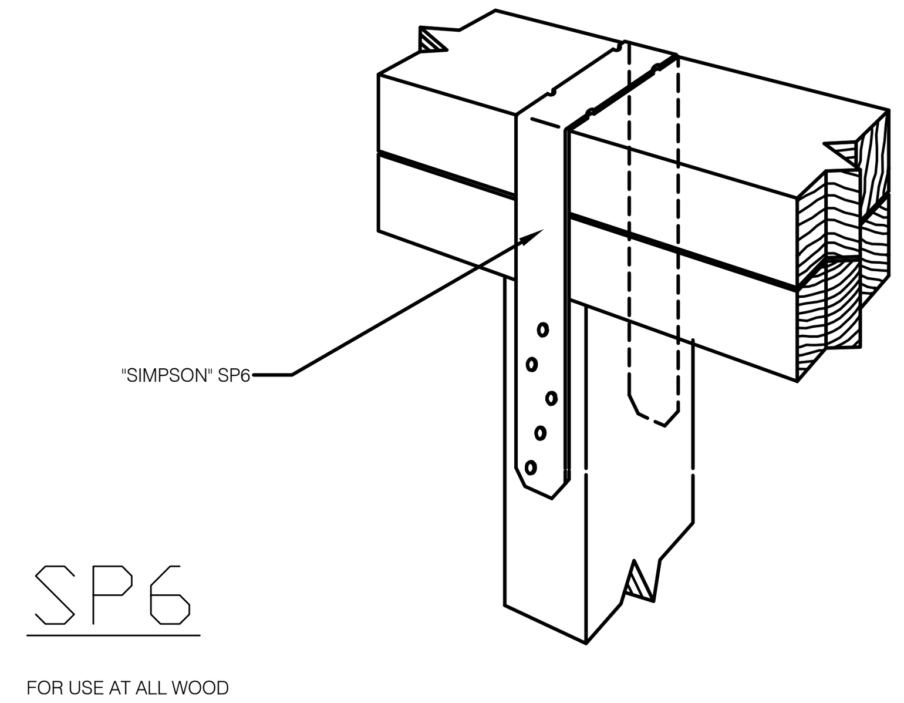

NOTES:
1. FILL JOINT IF CRACK IS OVER 1/8" WIDE.
2. JOINT SPACING SHALL NOT EXCEED 12'-0" O.C.
3. CONSTRUCTION JOINTS, IF REQUIRED BY THE CONTRACTOR, SHALL BE LOCATED AT A CONTROL JOINT LOCATION.
SAW CUT CONTROL JOINT
TO BE 1/4 THE SLAB
THICKNESS
SAWCUTTING SHALL BE
PERFORMED 4 HOURS
AFTER PLACING
CONCRETE.
TYPICAL CONTROL JOINT
WHEN FORMED EDGE IS
STRIPPED, LIGHTLY
GRIND. (DEBURR EDGE @
TOP) DO NOT TOOL.
PREFORMED METAL KEYWAY
TYPICAL CONSTRUCTION JOINT

TYP. CONST. & CONTROL JOINT DETAILS N.T.S. | 9

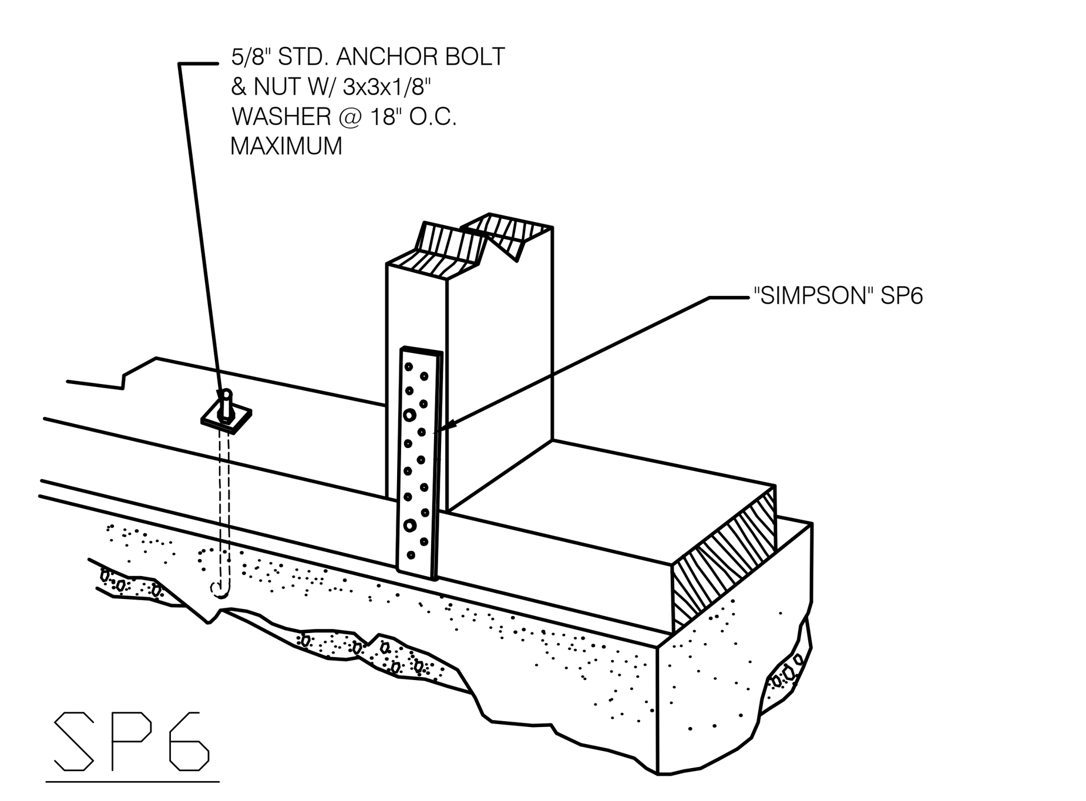


NOTES
1. SLEEVES SHALL BE MINIMUM 1" CLEAR ALL AROUND PIPES, CONDUIT, ETC.
2. COORD REQUIREMENTS OF SLAB VENTING WITH SOILS ENGINEER, IF REQUIRED.

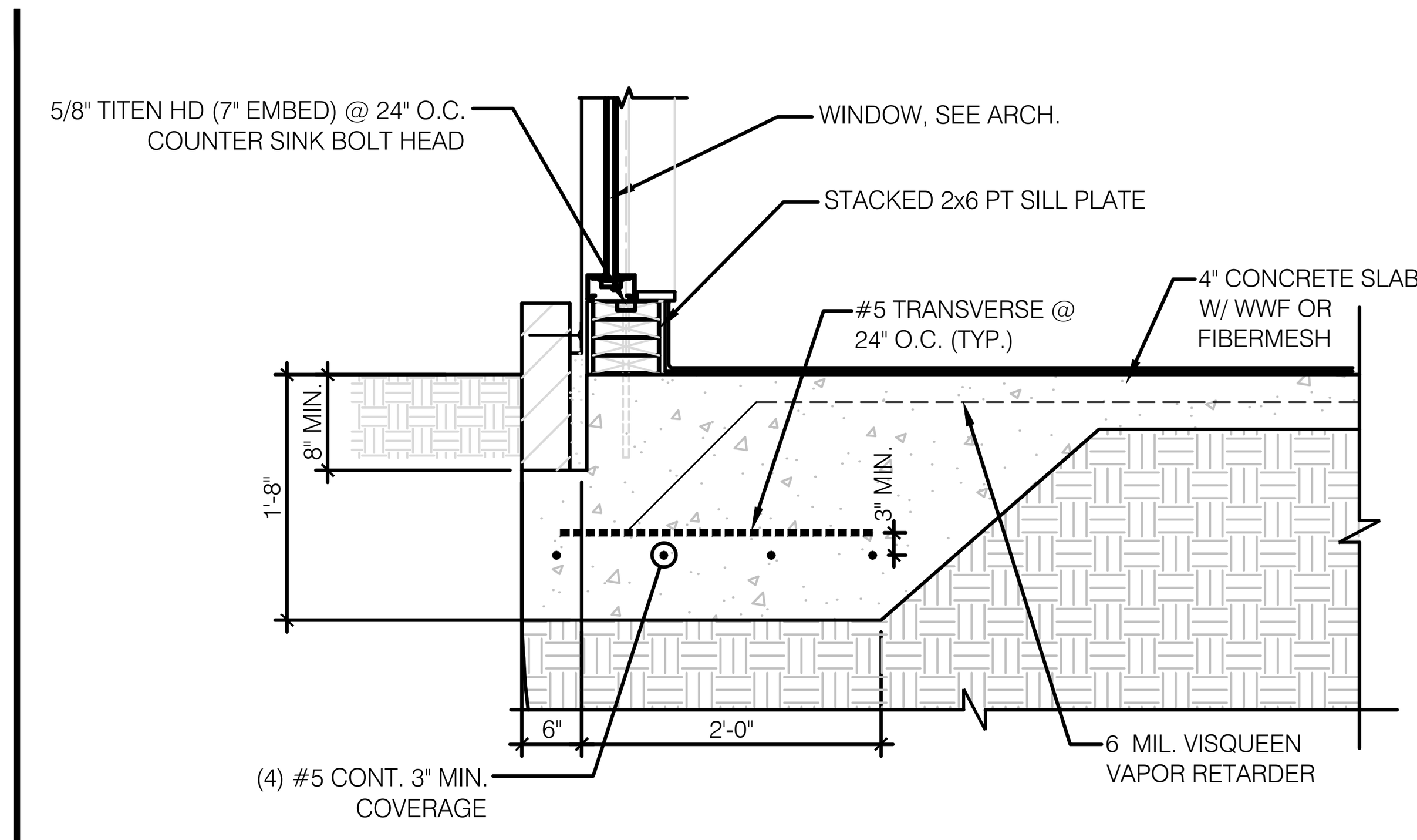
PIIPES THROUGH FOUNDATIONS N.T.S. | 10



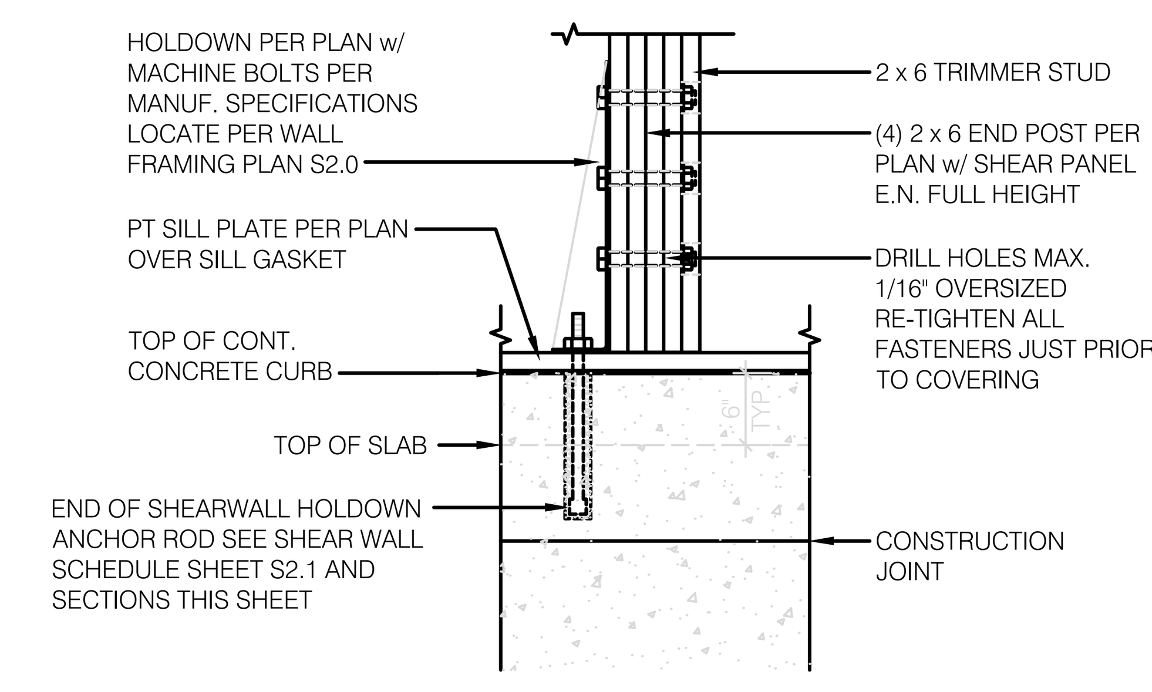
TOP PLATE CONNECTOR N.T.S. | 11



BOTTOM PLATE CONNECTOR N.T.S. | 12

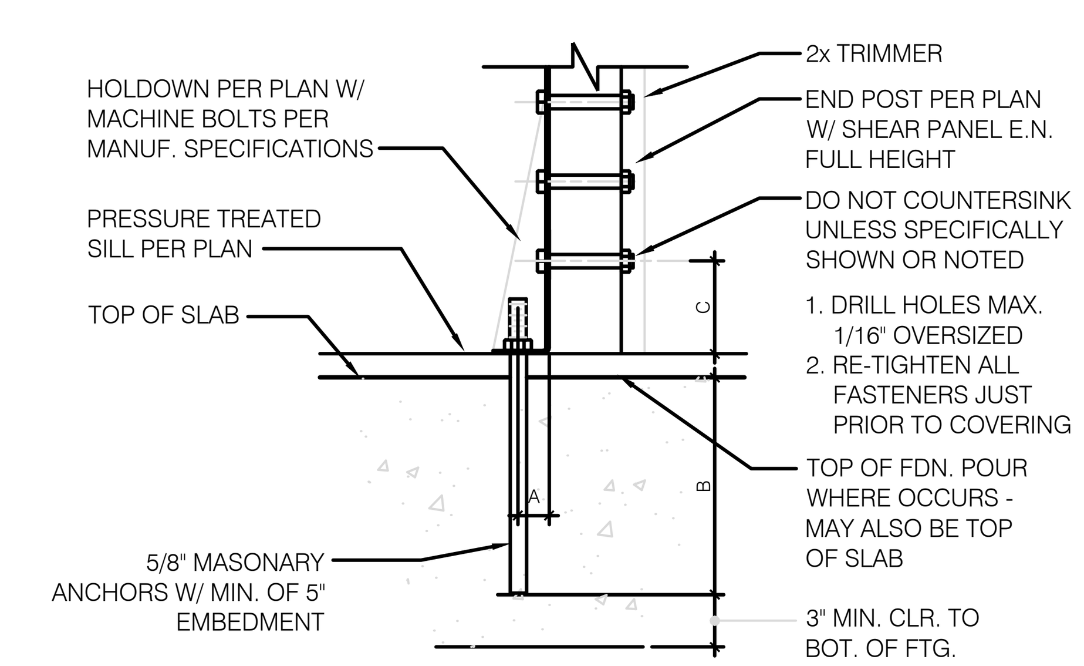


NEW FOOTING @ LOW WINDOW 3/4"=1'-0" | 5


HOLDOWN PER PLAN w/
MACHINE BOLTS PER
MANUF. SPECIFICATIONS
LOCATE PER WALL
FRAMING PLAN S2.0
PT SILL PLATE PER PLAN
OVER SILL GASKET
TOP OF CONT.
CONCRETE CURB
TOP OF SLAB
END OF SHEARWALL HOLDOWN
ANCHOR ROD SEE SHEAR WALL
SCHEDULE SHEET S2.1 AND
SECTIONS THIS SHEET
2 x 6 TRIMMER STUD
(4) 2 x 6 END POST PER
PLAN w/ SHEAR PANEL
E.N. FULL HEIGHT
DRILL HOLES MAX.
1/16" OVERSIZED
RE-TIGHTEN ALL
FASTENERS JUST PRIOR
TO COVERING
CONSTRUCTION
JOINT

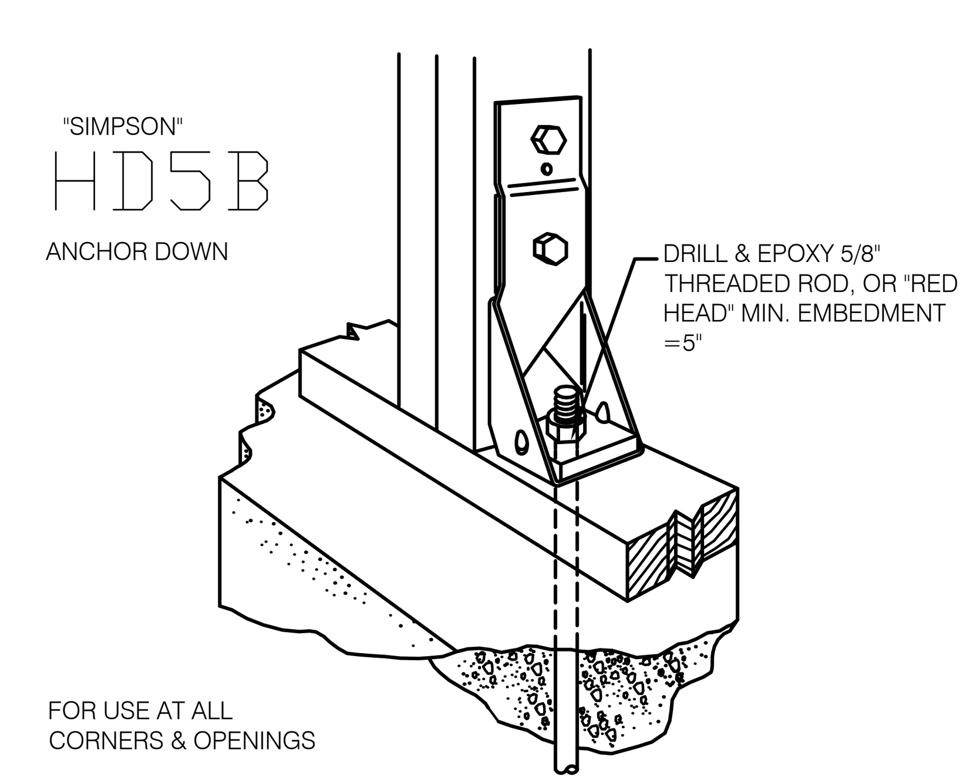
NOTE: REFER TO SHEAR WALL SCHEDULE, S2.0.

SHEARWALL HOLDDOWN 3/4" = 1'-0" | 6

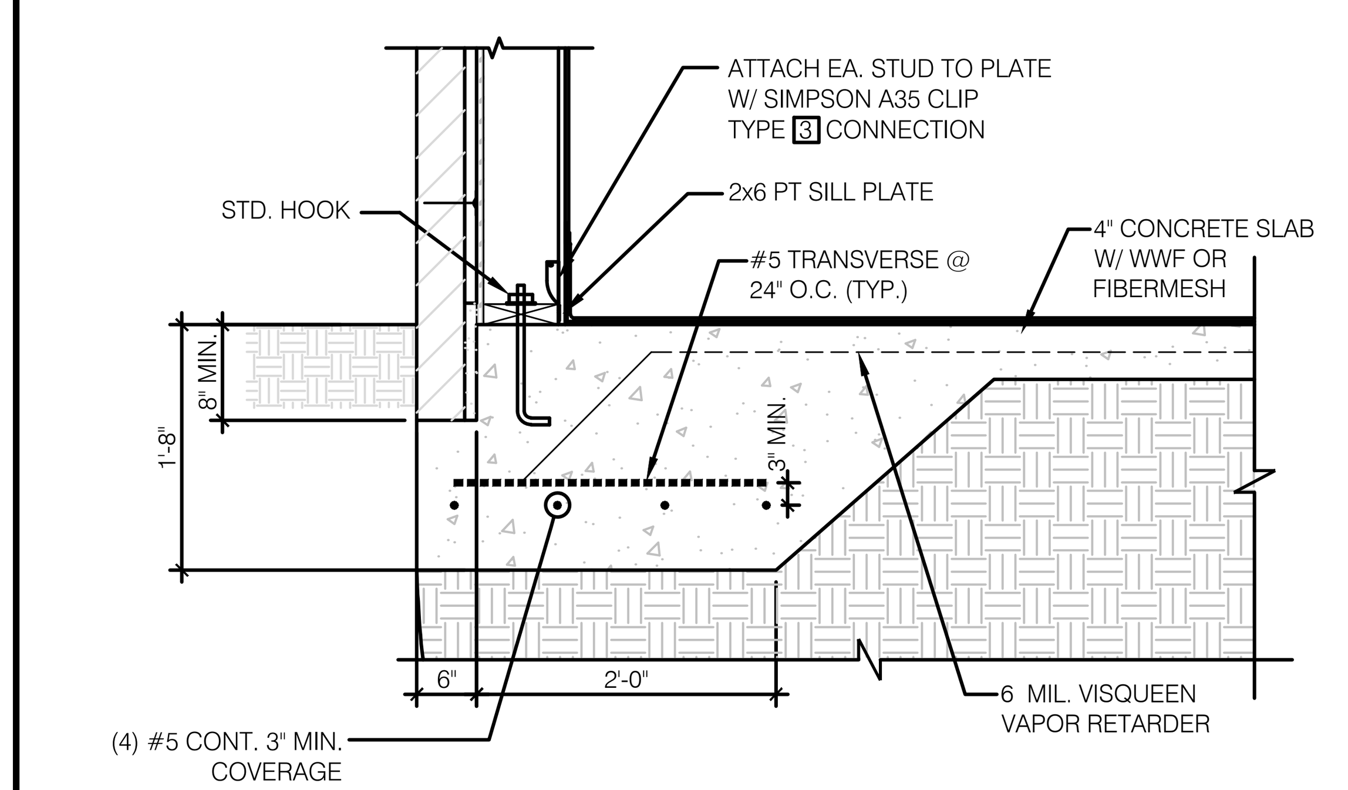

HOLDOWN PER PLAN W/
MACHINE BOLTS PER
MANUF. SPECIFICATIONS
PRESSURE TREATED
SILL PER PLAN
TOP OF SLAB
5/8" MASONARY
ANCHORS W/ MIN. OF 5"
EMBEDMENT
2x TRIMMER
END POST PER PLAN
W/ SHEAR PANEL E.N.
FULL HEIGHT
DO NOT COUNTERSINK
UNLESS SPECIFICALLY
SHOWN OR NOTED
1. DRILL HOLES MAX.
1/16" OVERSIZED
2. RE-TIGHTEN ALL
FASTENERS JUST
PRIOR TO COVERING
TOP OF FDN. POUR
WHERE OCCURS -
MAY ALSO BE TOP
OF SLAB
3" MIN. CLR. TO
BOT. OF FTG.
A
B
C

* INCREASE FOOTING DEPTH AS REQ'D FOR ANCHOR BOLT EMBEDMENT
** ANCHOR BOLT LENGTH TO EXTEND MIN. 5" BEYOND CONST. JOINT

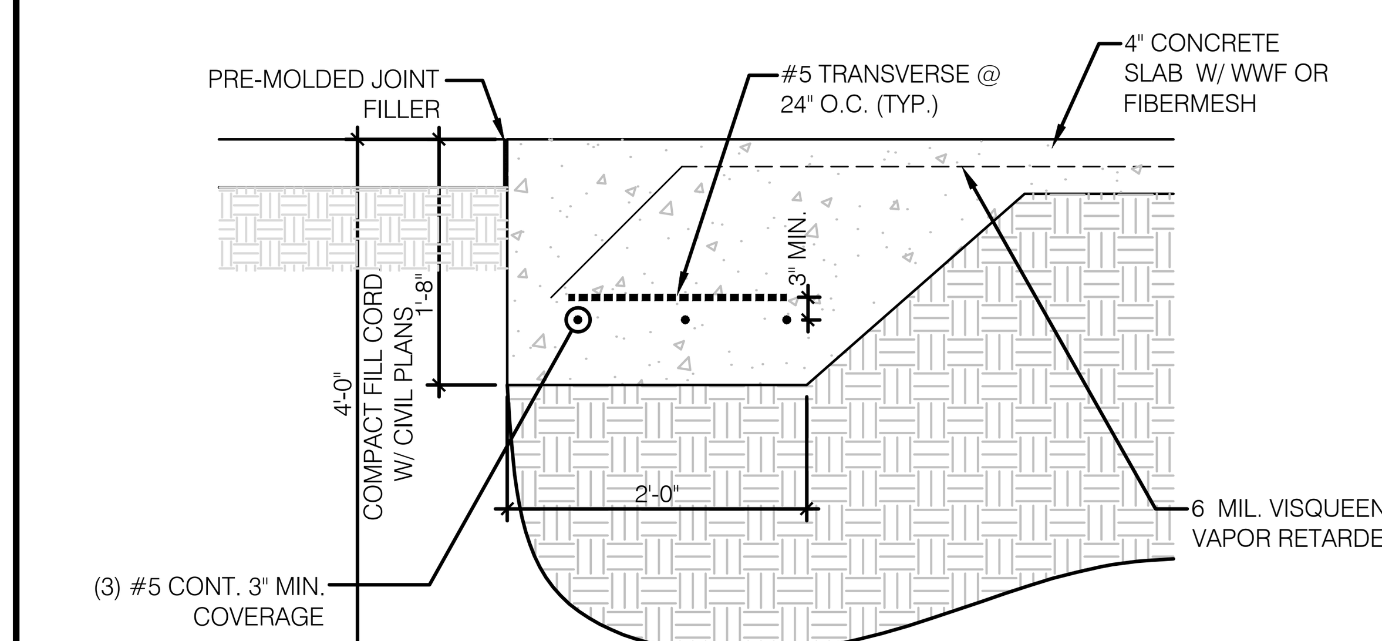
ANCHOR BOLT SCHEDULE N.T.S. | 7



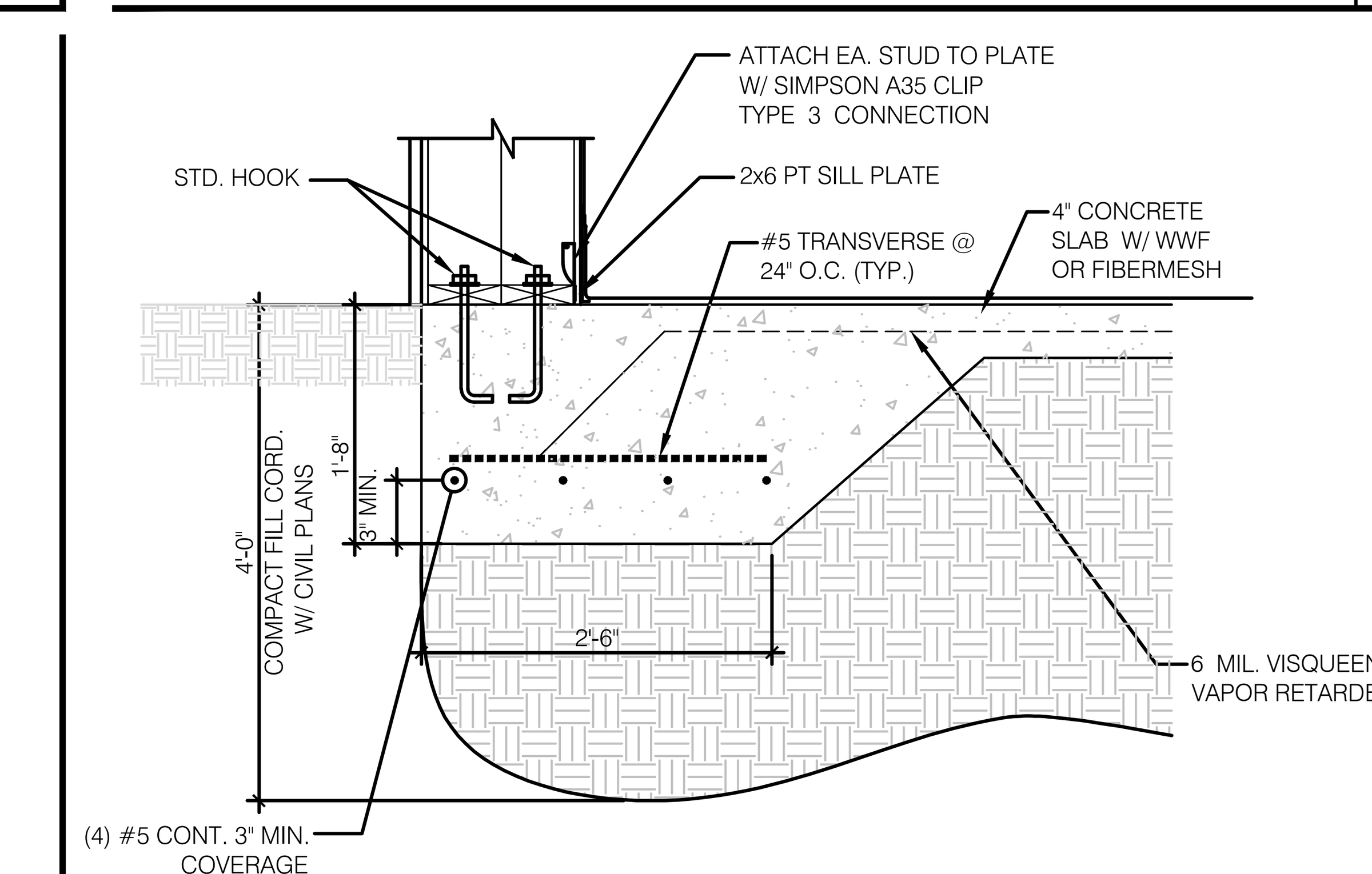
ANCHOR DOWN N.T.S. | 8



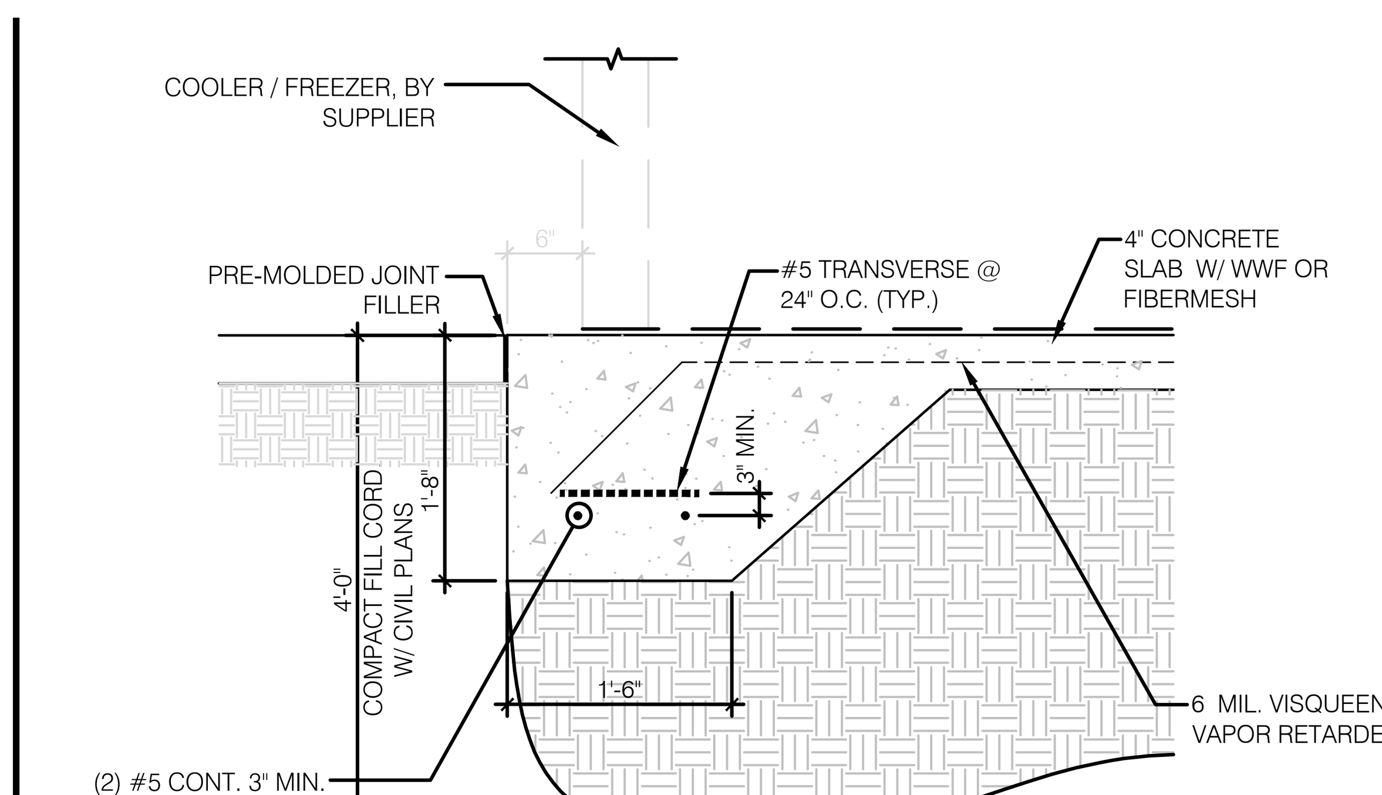
NEW FOOTING 3/4" = 1'-0" | 1



NEW FOOTING @ DOOR 3/4" = 1'-0" | 2



NEW FOOTING @ FRONT WALL SIGN 3/4" = 1'-0" | 3



FOOTING @ COOLER / FREEZER 3/4" = 1'-0" | 4

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facsimile: (321) 244-9419

ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

KFC

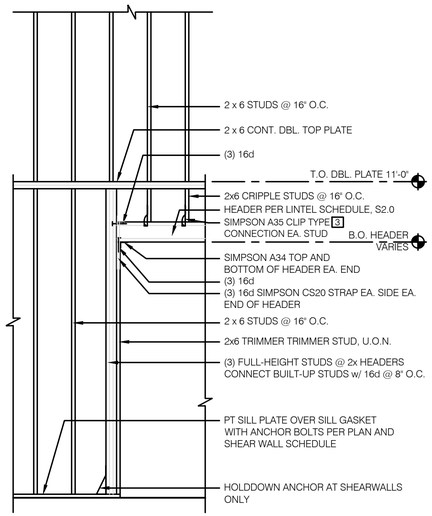
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

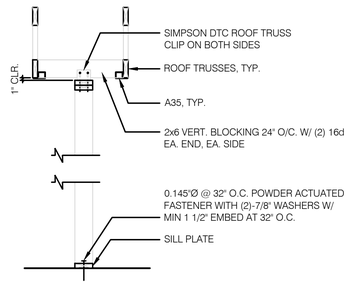
STRUCTURAL DETAILS (FOUNDATION)

S5.0

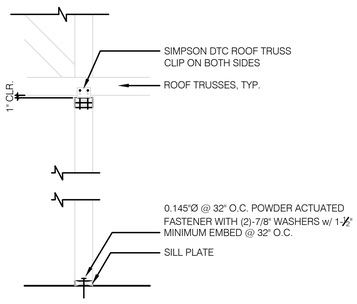
PLOT DATE: --/--/2020



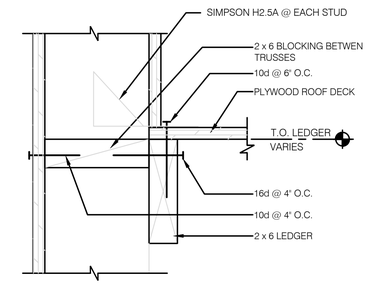
FRAMING ELEVATION @ OPENING 3/8"=1'-0" | **18**



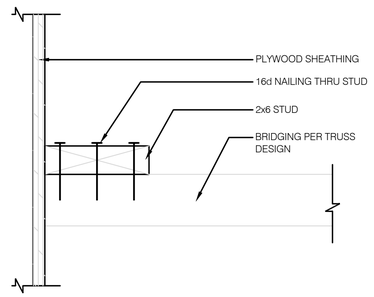
SUPPORT- PARALLEL TO TRUSS 1/2" = 1'-0" | **13**



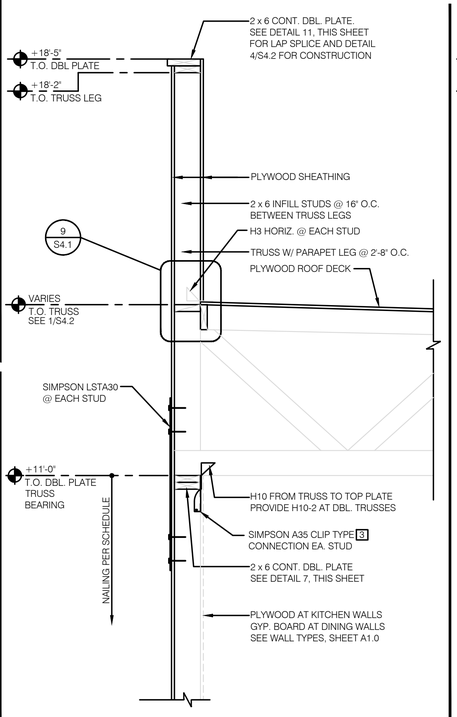
SUPPORT PERP. TO TRUSS 1/2" = 1'-0" | **14**



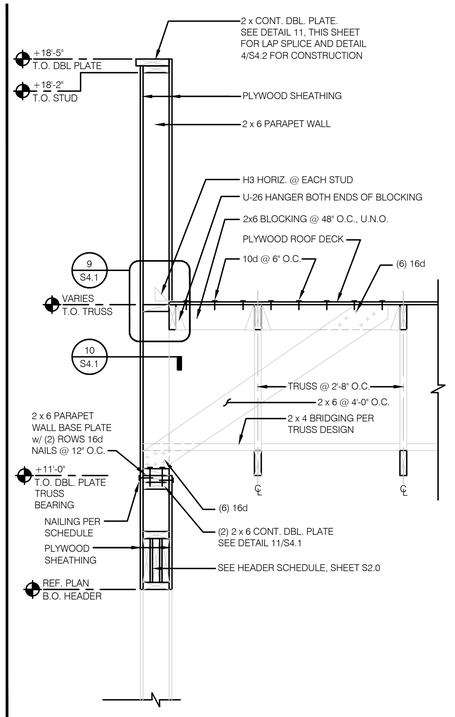
LEDGER DETAIL 3" = 1'-0" | **9**



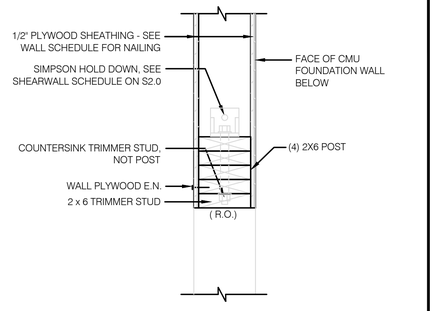
BRIDGING DETAIL 3" = 1'-0" | **10**



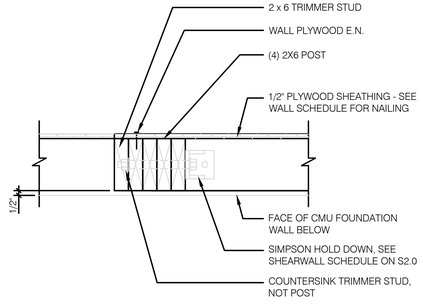
SIDE WALLS @ TRUSS 3/4" = 1'-0" | **6**



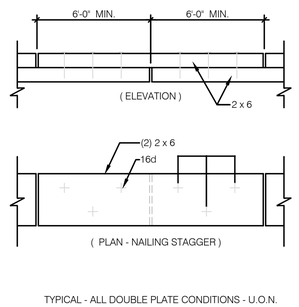
FRONT + REAR WALLS @ TRUSS 3/4" = 1'-0" | **2**



SW HOLD DOWN: END (FRONT) 1-1/2" = 1'-0" | **19**

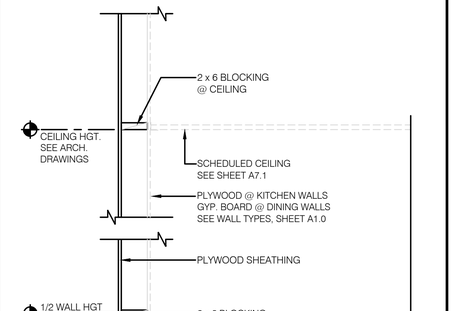


SW HOLD DOWN: END (SIDE) 1-1/2" = 1'-0" | **15**

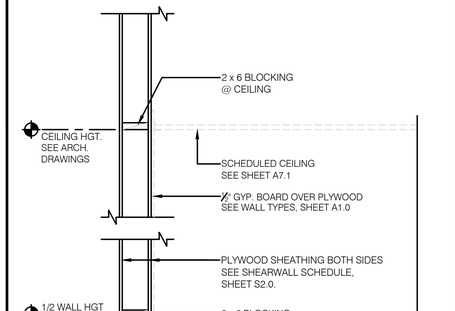


TYPICAL - ALL DOUBLE PLATE CONDITIONS - U.O.N.

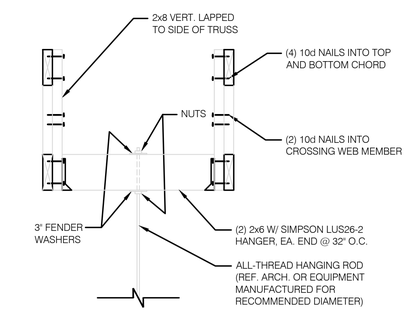
PLATE LAP DETAIL N.T.S. | **11**



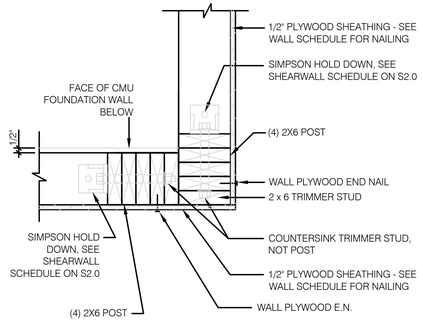
SIDE + REAR WALLS FRAMING 3/4" = 1'-0" | **8**



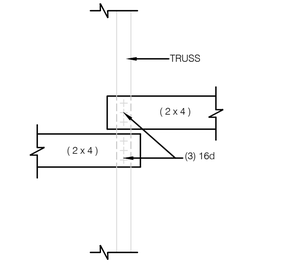
FRONT WALL FRAMING 3/4" = 1'-0" | **4**



HANGING BULKHD. OR HOOD DETL. N.T.S. | **20**



SW HOLD DOWN: CORNER (REAR) 1-1/2" = 1'-0" | **16**



NOTE: REFER TO TRUSS ELEVATION SHEET S4.2

BRIDGING LAP DETAIL N.T.S. | **12**

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ROBERT WAYNE CASE
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PLAN SET REVISIONS:

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PLAN VERSION:	2018.A
SITE NUMBER:	
ENTITY NUMBER:	
STORE NUMBER:	
LIS PROJECT;	2019-304

KFC

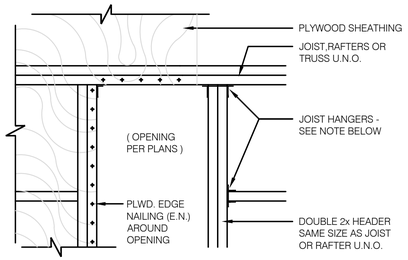
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

STRUCTURAL DETAILS (FRAMING)

S5.1

PLOT DATE: --/--/2020



NOTE:
HANGERS SHALL BE "SIMPSON" STANDARD "U" @ ROOF. DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS FOLLOWS:
1. 10" OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED
2. MORE THAN 10" - (2)16d @ 12" O.C.

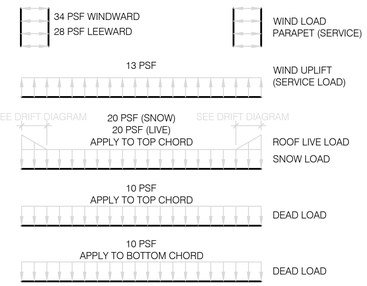
TYPICAL ROOF OPENING 1"=1'-0" | **17**

TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T-1	X	XX	△	SEE NOTE 1.

NOTES:

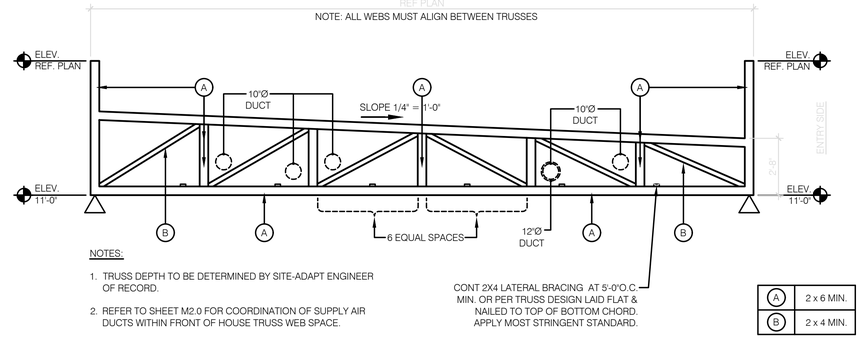
1. REFER TO TRUSS-TYPE ELEVATION 1, THIS SHEET. PROVIDE DOUBLE THICKNESS TRUSS (WHERE INDICATED 'XX') AS REQUIRED BY TRUSS DESIGN. COORDINATE TRUSS-TYPES WITH SHEET S4.0.
2. HOLDDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
3. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
4. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.

TRUSS SCHEDULE | **13**



NOTE:
ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.

TRUSS DESIGN CRITERIA N.T.S. | **9**



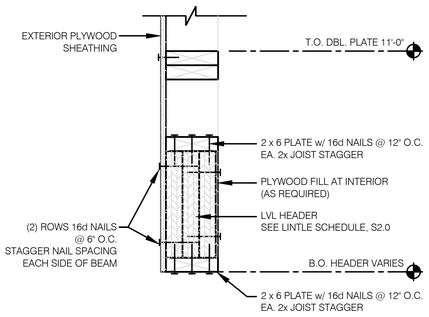
NOTES:

1. TRUSS DEPTH TO BE DETERMINED BY SITE-ADAPT ENGINEER OF RECORD.
2. REFER TO SHEET M2.0 FOR COORDINATION OF SUPPLY AIR DUCTS WITHIN FRONT OF HOUSE TRUSS WEB SPACE.

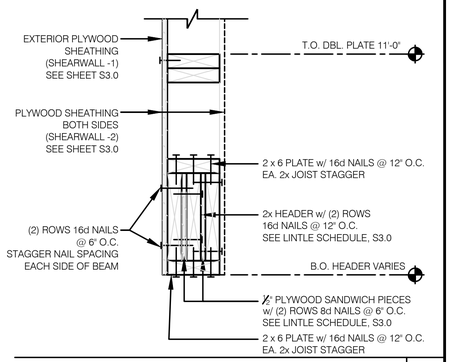
CONT 2X4 LATERAL BRACING AT 5'-0"O.C. MIN. OR PER TRUSS DESIGN LAID FLAT & NAILED TO TOP OF BOTTOM CHORD. APPLY MOST STRINGENT STANDARD.

A	2 x 6 MIN.
B	2 x 4 MIN.

TRUSS ELEVATION 1/4" = 1'-0" | **1**



TYP. LVL HEADER 1 1/2" = 1'-0" | **18**

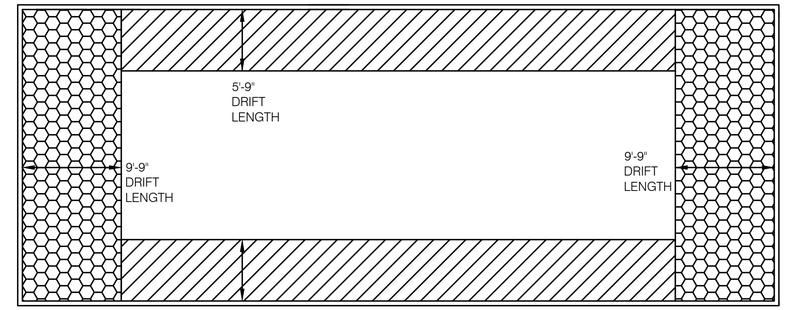


TYP. BUILT-UP HEADER 1 1/2"=1'-0" | **14**

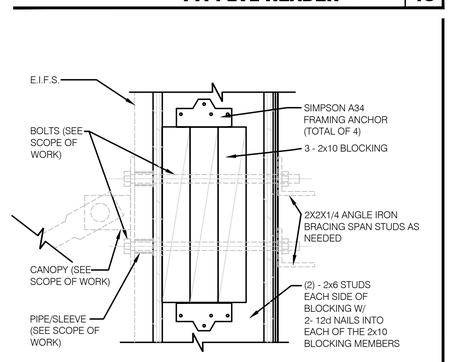
EQUIPMENT	DESIGN WEIGHT	NOTES
HVAC UNIT - RTU-1	2,600 lbs.	A, B
HVAC UNIT - RTU-2	2,600 lbs.	A, B
EXHAUST FAN - EF-1	200 lbs.	A
EXHAUST FAN - EF-2	200 lbs.	A
EXHAUST FAN - EF-3	100 lbs.	A
EXHAUST FAN - EF-4	50 lbs.	A
EXHAUST FAN - EF-5	50 lbs.	A
HOOD #1	690 lbs.	
HOOD #2	690 lbs.	
ICE CONDENSER #1	175 lbs.	
ICE CONDENSER #2	175 lbs.	
COOLER CONDENSER	175 ea	
MUZAK DISH, SLED & BALLAST - ALLOW FOR LOCATION ANYWHERE ON ROOF.	1,090 lbs.	

NOTE:
A. ALL DESIGN WEIGHTS INCLUDE CURB.
B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE, SEE 1 / M1.0,

ROOF TOP EQUIPMENT WEIGHTS | **10**



SNOW DRIFT LOADING N.T.S. | **3**

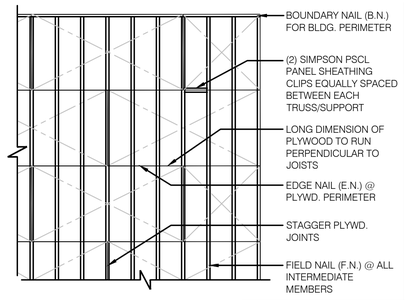


CANOPY / TIE-ROD BLOCKING 3" = 1'-0" | **19**

NOT USED | **20**

CONNECTION TYPE:	NAILING:
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL	(2-8d)
4. WIDER THAN 1" X 6"(25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL	(3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	(16d @16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS	(3-16d PER 16")
8. TOP PLATE TO STUD, END NAIL	(2-16d)
9. STUD TO SOLE PLATE	(2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL	(16d @ 24", O.C.)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	(16d @ 16" O.C.)
12. DOUBLE TOP PLATES, LAP SPLICE	(8-16d)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(3-8d)
14. RIM JOIST TO TOP PLATE, TOENAIL	(8d @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2-16D)
16. CONTINUOUS HEADER, TWO PIECES	(16d @ 16" O.C. ALONG EDGE)
17. CEILING JOISTS TO PLATE, TOENAIL	(3-8d)
18. CONTINUOUS HEADER TO STUD, TOENAIL	(4-8d)
19. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL	(3-16d)
20. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3-16d)
21. RAFTER TO PLATE, TOENAIL	(3-8d)
22. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL	(2-8d)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	(2-8d)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	(3-10d)
25. BUILT-UP CORNER STUDS	(16d @ 24" O.C.)
26. 2" PLANKS	(2-16d AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER	(12d @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS	(20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)

NAILING SCHEDULE | **16**

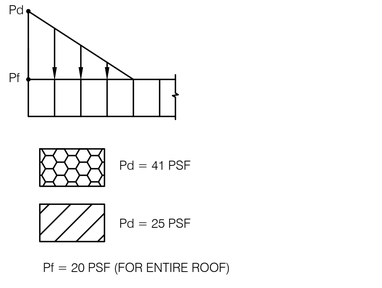


NOTES:
1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
2. MIN. 3/8" NAILING EDGE DISTANCE.
3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

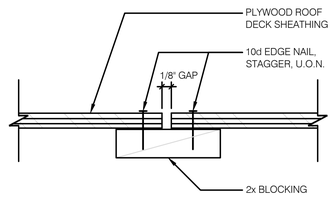
DEFINITIONS:
BN DENOTES BOUNDARY NAILING
EN DENOTES EDGE NAILING
FN DENOTES FIELD NAILING

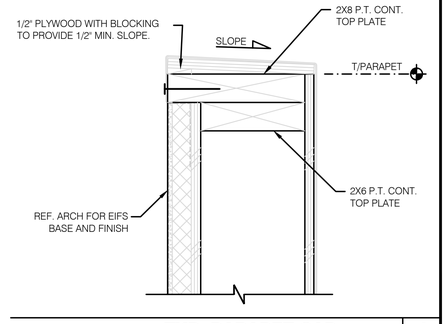
ROOF NAILING PLAN N.T.S. | **11**

NOT USED | **12**



PLYWOOD EDGE BLOCKING N.T.S. | **8**





TYP. PARAPET CAP 3" = 1'-0" | **4**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

CONTRACT DATE:	-.-.-2019
BUILDING TYPE:	Kb 30-19
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SITE NUMBER:	
ENTITY NUMBER:	
STORE NUMBER:	
LIS PROJECT;	2019-304

KFC

3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

STRUCTURAL DETAILS (ROOF)

S5.2

PLOT DATE: --/--/2020

NOT USED NTS | 14

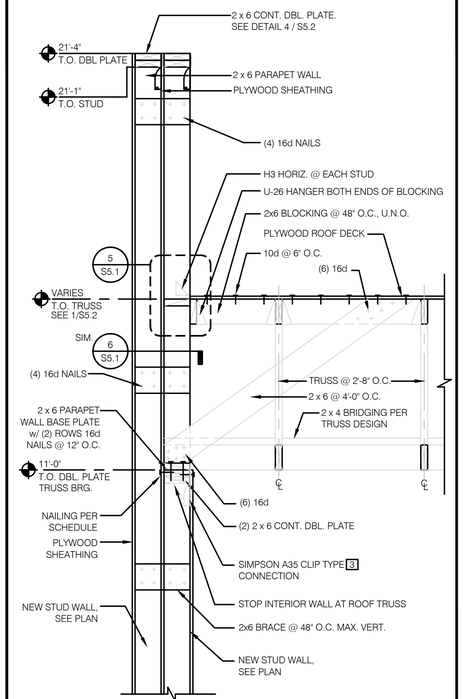
NOT USED NTS | 14

NOT USED NTS | 20

NOT USED NTS | 16

NOT USED NTS | 6

NOT USED NTS | 12



TOWER FRONT WALL @ TRUSS 3/4" = 1'-0" | 2

NOT USED NTS | 8

NOT USED NTS | 4

LIS ARCHITECTURE ENGINEERING

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AA 26002040 CA NO: 6853 LB1057

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

KFC

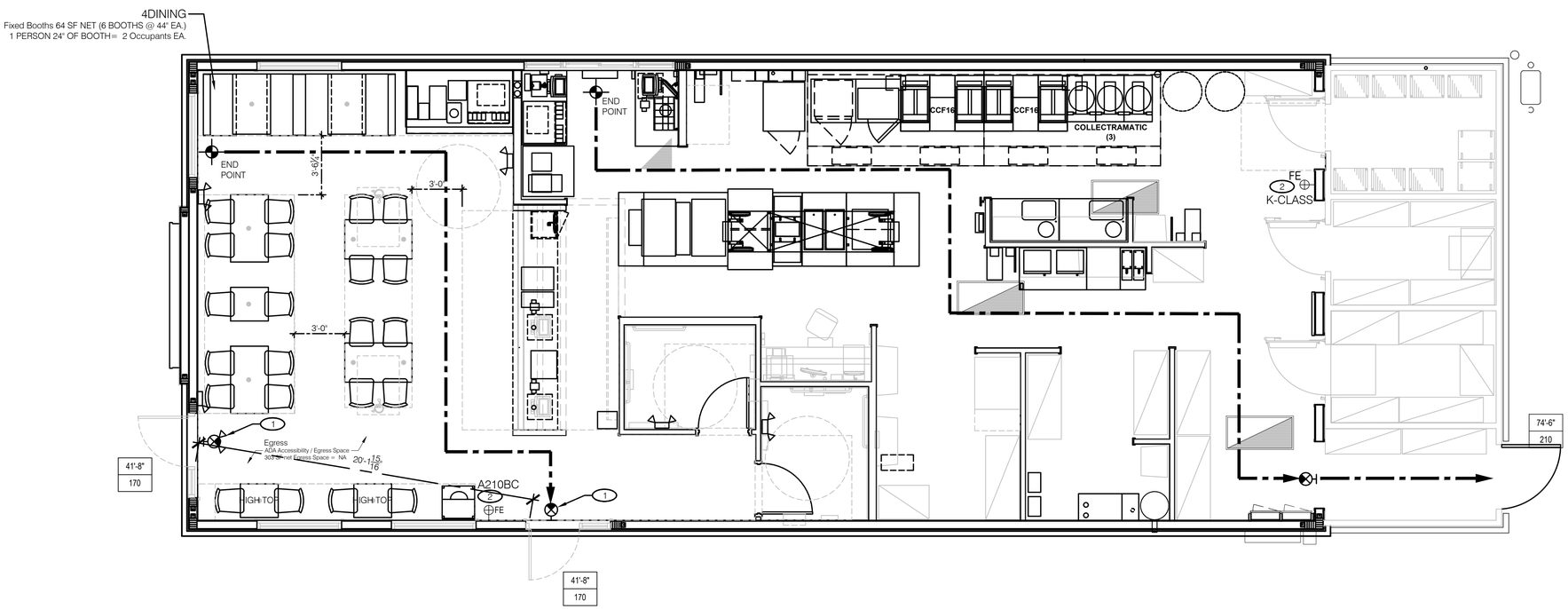
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

STRUCTURAL DETAILS (FRAMING)

S5.3

PLOT DATE: --/--/2020



SYMBOL	DESCRIPTION
	EXIT LIGHT
	MAXIMUM EGRESS PATH
FE	FIRE EXTINGUISHER, WALL MOUNTED (F.E.) RE: NFPA
	MOST REMOTE POINT
36' / 170	EGRESS DISTANCE (FEET) / EGRESS CAPACITY (PEOPLE)

1 EMERGENCY / EXIT SIGN COMBO

2 FIRE EXTINGUISHER (PER LOCAL CODE) TO BE FURNISHED AND INSTALLED BY CONTRACTOR. SEE DETAIL THIS SHEET C/LS1.0

FIRE EXTINGUISHER LOCATION:
VERIFY THAT FIRE EXTINGUISHERS - (2) 10 lb. BC IN THE DINING/KITCHEN AREA and (1) 10 lb. CLASS 'K' IN THE KITCHEN TO COMPLY WITH LOCAL FIRE CODE. PROVIDE NEW WITH WALL BRACKET and LOCATE FIRE EXTINGUISHERS IN DINING AREA AS INDICATED ON PLAN AND EXTINGUISHER IN KITCHEN AS DESIGNATED BY FIRE MARSHALL OR LOCAL AUTHORIZING AGENT.

OCCUPANT LOAD SCHEDULE (2012 NFPA 101 TABLE 7.3.1.2)

SPACE NAME	TYPE OF SPACE	NET AREA SF	SF/ OCCUPANT	TOTAL
DINING ROOM	NON FIXED SEATS	390 SF	/ 15 NET SF	26
DINING ROOM	FIXED BOOTHS / COUNTER	100 SF	4 BOOTHS 176" / 18	10
QUEUING	STANDING SPACE	45 SF		9
KITCHEN	KITCHEN	1027 SF	/ 200 GROSS	6
COOLER / FREEZER	STORAGE	196 SF	/ 300 NET SF	1
RESTROOMS	RESTROOMS	142 SF	N/A	--
EGRESS	EGRESS	300 SF	N/A	--
TOTAL	N/A	+/- 2,200 SF	N/A	52 (30 SEATS TOTAL)

2 WHEEL CHAIR ACCESSIBLE SPACES PER ACCESSIBLE SEATS BASED ON 5% OF TOTAL SEATING

N

LIFE SAFETY PLAN 1/4"=1'-0" **A**

MEANS OF EGRESS (FBC TABLE 1504.1.2)

EGRESS WIDTH PER OCCUPANT - UN-SPRINKRED (FBC SECTION 1005.3.1)
- STAIRWAYS (INCHES PER OCCUPANT) 0.3
- OTHER EGRESS COMPONENTS (INCHES PER OCCUPANT) 0.2

EXIT ACCESS TRAVEL DISTANCE (FBC TABLE 1006.2.1)
- ASSEMBLY OCCUPANCY / UN-SPRINKLERED 75 FEET

CORRIDOR WIDTH (FBC TABLE 1020.2))
- MINIMUM WIDTH 44 INCHES

DEADEND CORRIDOR LENGTH (FBC 1020.4)
- MAXIMUM LENGTH 20 FEET

SIZE OF DOORS (FBCA 404.0.3)
- MINIMUM CLEAR WIDTH 32 INCHES

STAIRWAY WIDTH (FBC 1011.2)
- MINIMUM CLEAR WIDTH 44 INCHES

NUMBER OF EXITS AND CONTINUITY (FBC TABLE 1006.3.1)

OCCUPANT LOAD	MIN NUMBER OF EXITS	# PROVIDED
1-500	2	2

FIRE RESISTANCE

INTERIOR FINISHES (FBC 803)

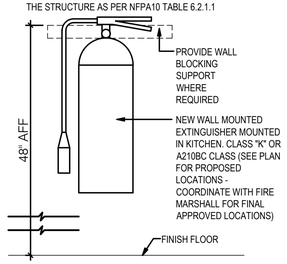
CLASSIFICATION (FBC 803.1)
- CLASS A: FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
- CLASS B: FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 0-450.
- CLASS C: FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

OCCUPANCY (ASSEMBLY UN-SPRINKLERED) (FBC 803.9)
- VERTICAL EXITS AND EXIT PASSAGEWAYS - CLASS A
- EXIT ACCESS CORRIDORS AND OTHER EXITWAYS - CLASS A
- ROOMS AND ENCLOSED SPACES - CLASS B

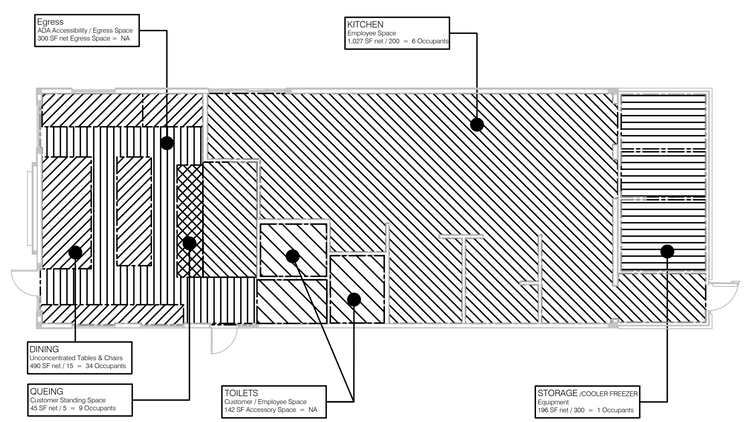
PLUMBING, MINIMUM FACILITIES (FBC-PLUMBING, TABLE 403.1)

OCCUPANCY	WATER CLOSETS	REQUIRED MALE	REQUIRED FEMALE	PROVIDED
RESTAURANT W/ 40 OCCUPANTS	1 PER 75	1	1	2
	LAVATORIES			
	1 PER 75	1	1	1 EACH PROVIDED
	SERVICE SINK		1	1 PROVIDED

NOTE:
ALL FIRE EXTINGUISHERS SHALL BE INSPECTED, TAGGED, AND MOUNTED SO AS TO BE ONE (1) FIRE EXTINGUISHER EVERY 1,500 SQ. FEET AND NO GREATER THAN 75 FEET TRAVEL DISTANCE FROM ANY POINT IN THE STRUCTURE AS PER NFPA10 TABLE 6.2.1.1



CODE INFORMATION AND EXTINGUISHER DETAIL **C**



OCCUPANT LOAD KEY PLAN **B**

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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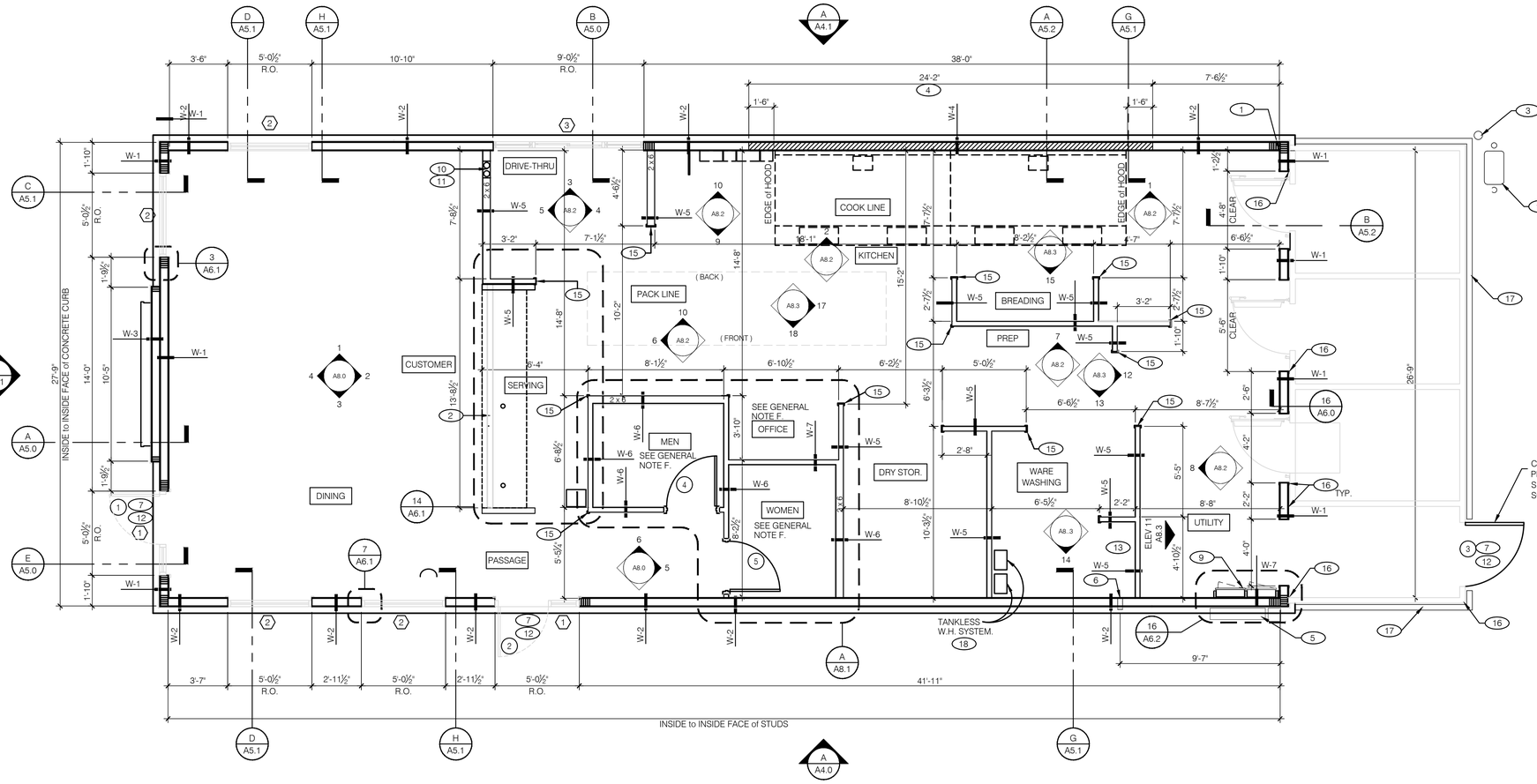
LIFE SAFETY PLAN

LS1.0

PLOT DATE: --/--/2020



FLOOR PLAN 1/4"=1'-0" **A**

W-1 EXTERIOR SHEAR WALL:
2x6 WOOD STUDS AT 16" O.C., SECURED TO SLAB.
1/2" EXTERIOR PLYWOOD SHEATHING AS SCHEDULED (SEE STRUCTURAL DRAWINGS).
R-20 KRAFT-FACED FIBERGLASS BATT INSULATION.
1/2" INTERIOR PLYWOOD SHEATHING AS SCHEDULED (SEE STRUCTURAL DRAWINGS).
SEE SHEETS A7.2, A8.0, A8.1, A8.2, A8.3 (INTERIOR FINISHES) / A4.0, A4.1, A4.2 (EXTERIOR FINISHES).

W-2 EXTERIOR WALL:
2x6 WOOD STUDS AT 16" O.C., SECURED SLAB.
1/2" EXTERIOR PLYWOOD SHEATHING AS SCHEDULED (SEE STRUCTURAL DRAWINGS).
R-20 KRAFT-FACED FIBERGLASS BATT INSULATION.
1/2" GYPSUM BOARD INTERIOR FINISH (TYPICAL FOR DINING ROOM WALLS).
1/2" PLYWOOD INTERIOR FINISH (TYPICAL FOR KITCHEN WALLS).
1/2" CEMENT BOARD INTERIOR FINISH (TYPICAL FOR RESTROOM WALL BEHIND WALL TILE AREA).
1/2" GYPSUM BOARD INTERIOR FINISH (TYPICAL FOR RESTROOM WALLS AT NON-TILED WALL AREA).
SEE SHEETS A7.2, A8.0, A8.1, A8.2, A8.3 (INTERIOR FINISHES) / A4.0, A4.1, A4.2 (EXTERIOR FINISHES).

W-3 EXTERIOR TOWER WALL(SEE STRUCTURAL FOR ADDITIONAL DETAILS):
2X6 WOOD STUDS AT 16" O.C., SECURED TO SLAB
1/2" EXTERIOR PLYWOOD SHEATHING.
R-20 KRAFT FACED FIBERGLASS BATT INSULATION
2X6 FURRED WALL W/ ½" EXTERIOR PLYWOOD SHEATHING ON EXTERIOR SIDE
½" GYPSUM BOARD INTERIOR FINISH (TYPICAL FOR DINING ROOM WALLS)
SEE WALL SECTIONS DETAIL A/A5.0 FOR MORE INFORMATION
SEE SHEETS A4.0, A4.1 FOR EXTERIOR FINISHES.

W-4 HOODWALL:
EXTERIOR WALL WITH 20 GA. S.S. PANEL BEHIND HOOD. EXTEND MIN. 18" BEYOND END OF HOOD.
550S162-43 MTL STUDS AT 16" O.C. SECURED TO SLAB W/ 5/8" DENSGLASS SHEATHING ON THE EXT. OF FRAMING W/ WALL PANEL FINISH RE: A4.0 FOR FINISH SCHEDULE
ON INSIDE OF FRAMING PROVIDE 1/2" CEMENT BOARD
FULL HEIGHT RE: A5.2 FOR WALL SECTION
MINERAL WOOL INSULATION OR EQUAL TO BE FILLED IN FRAMING CAVITY

W-5 INTERIOR WALL:
2x4 (2x6 WHERE NOTED) WOOD STUDS AT 16" O.C. , SECURED TO SLAB.
1/2" CEMENT BOARD TO 6" A.F.F., BOTH SIDES.
1/2" GYPSUM BOARD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (DINING ROOM SIDE).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN SIDE).
SEE SHEETS A7.2, A8.0a, A8.0b, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

W-6 RESTROOM WALL:
2x4 (2x6 WHERE NOTED) WOOD STUDS AT 16" O.C. , SECURED TO SLAB.
3-1/2" UN-FACED SOUND BATT INSULATION, FULL HEIGHT of FINISHED WALL.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA; 1/2" GYPSUM BOARD AT NON-TILED WALL AREAS (RESTROOM SIDE).
1/2" CEMENT BOARD TO 6" A.F.F. (KITCHEN / DINING ROOM / OFFICE SIDE).
1/2" GYPSUM BOARD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (DINING ROOM SIDE).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN / OFFICE SIDE).
SEE SHEETS A7.2, A8.0a, A8.0b, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

W-7 ELECTRICAL PANEL WALL:
2x6 WOOD STUDS AT 16" O.C., SECURED TO SLAB.
½" PLYWOOD FROM TOP OF CURB TO 2" ABOVE CEILING; ONE SIDE.
SEE SHEETS A7.2, A8.0a, A8.0b, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

NOTE: REFER TO WALL BASE DETAILS, SHEET A6.2.

WALL TYPES **E**

DIMENSIONS:
A. ALL DIMENSIONS ARE FROM INSIDE FACE OF CURB TO FACE OF STUD. REFER TO FOUNDATION PLAN FOR FACE OF CURB DIMENSIONS. SEE KEYNOTE 1, THIS SHEET.
B. DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REQD. NET CLEARANCE FROM FACE OF WALL FINISH.
C. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

WINDOWS / DOORS:
A. SEE SHEET A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.
B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

FINISH SUBSTRATES:
A. PROVIDE 1/2" THICK CEMENT BOARD FROM FLOOR SLAB TO 6" A.F.F., U.N.O.
B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH "NSF INTERNATIONAL" APPROVED SEALANTS.
C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE, U.O.N.
D. PROVIDE SOLID BLOCKING FOR WALL SUPPORTED ITEMS.

DECOR:
A. SEE A2.0 FOR SEATING PLAN AND DETAILS.
B. SEE A7.0 FOR FLOOR FINISHES.
C. SEE A8.0, A8.1, A8.2, A8.3 FOR WALL FINISHES.
D. SEE A7.1 FOR CEILING FINISHES.

GENERAL:
A. PROVIDE THREE FIRE EXTINGUISHERS - (2) 10 lb. BC and (1) 10 lb. ABC - TO COMPLY WITH LOCAL FIRE CODE. LOCATE PER DIRECTION OF FIRE MARSHALL OR LOCAL AUTHORIZING AGENT.
B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.
C. ALL ATTACHMENTS MADE THROUGH E.I.F.S. SHALL BE BUSHED TO PREVENT DAMAGE TO THE FINISH. SEE DETAIL 9 / A6.2.
D. ALL PENETRATIONS THROUGH E.I.F.S. SHALL BE SEALED USING MFR'S. APPROVED METHOD.
E. COORDINATE FRAMING ABOVE CEILING WITH HVAC DUCT WORK.
F. SEE SHEET A8.1 FOR ENLARGED RESTROOM AND OFFICE PLAN.

FLOOR PLAN NOTES **D**

1. STARTING POINT: ALL SUB-TRADES SHALL USE THIS POINT OF ORIGIN FOR LAY-OUT (INSIDE CORNER OF CONCRETE CURB).
   INSIDE FACE OF CONCRETE TO FACE OF CURB DIMENSIONS:
   > 26'-9" (SIDE to SIDE).
   > 66'-5" (FRONT to BACK).
2. CUSTOMER COUNTER KNEE-WALL BY G.C. SEE PLAN and SECTION, SHEET A6.1.
3. PIPE BOLLARD. REFER TO SITE DRAWINGS. COORDINATE WITH LOCATION OF GAS METER.
4. HOOD WALL. SEE WALL LEGEND. COORDINATE WITH HOOD LOCATION; SEE SHEET M2.0. REFER TO COOK LINE ELEVATION, SHEET A8.2 and HOOD SECTIONS 4 and 12, SHEET M3.0.
5. ELECTRICAL MAIN SWITCH BOARD. REFER TO ELECTRICAL DRAWINGS.
6. CO2 FILL BOX LOCATION.
7. METAL THRESHOLD.
8. ~~GATE WITH PANIC HARDWARE.~~
9. ELECTRICAL PANELS; REFER TO ELECTRICAL DRAWINGS.
10. SYRUP / FILTERED WATER TUBE BUNDLES IN CHASE WALL.
11. 8" x 12" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL OPENING with DRINK STATION EQUIPMENT SUPPLIER. SEE DETAIL 4 / A6.3. REFER TO ELEVATION 1 / A8.0 and 5 / A8.2.
12. PROVIDE HORIZONTAL DOOR SWEEPS AT ALL EXTERIOR DOORS. SEE SHEET A1.1.
13. COORDINATE WALL CLEARANCE WITH MOP SINK DIMENSIONS; SEE SHEET A2.0. REFER TO EQUIPMENT CUT SHEETS PROVIDED ON PLANS.YUM.COM WEBSITE.
14. GAS METER
15. S.S. CORNERGUARD / WALL CAP. TYPICAL AT ALL CORNERS FROM REAR WALL TO KITCHEN SIDE OF SERVICE COUNTER. SEE DETAIL 10 / A6.3
16. PROVIDE CLOSURE STRIPS W/ BACKER ROD AND SEALANT BETWEEN COLD STORAGE BOX AND ADJACENT WALL SURFACES. DISCONTINUE WALL COVERING BEHIND BOXES.
17. EXTERIOR FENCE BY OTHERS
18. TANKLESS WH SYSTEM - SEE MEP DRAWINGS

KEY NOTES **B**

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3615 W SILVER SPRINGS BLVD.
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Kb 30-19

FLOOR PLAN

A1.0

PLOT DATE: --/--/2020

NOT USED — 10

GLAZING TYPES — 7

GENERAL NOTES:

1. 1" INSULATED LOW-E GLAZING SOLARBAN 67 OR EQUAL COATING APPLICATION REQUIRED TO REDUCE SOLAR HEAT GAIN AND ENERGY USE AND PASS THE ENERGY COMPLIANCE CHECK PER THE LOCAL JURISDICTION. THE LOW-E GLAZING SHALL HAVE A MIN. U-VALUE OF U-0.29 & A SHGC OF MIN. U-0.29
2. REFER TO SELECTED MANUFACTURERES SPECIFICATIONS AND RECOMMENDATIONS FOR THE INSULATION OF WINDOWS AND DOORS.
3. VERIFY ANY SITE-SPECIFIC REQUIREMENTS FOR TEMPERED GLASS (PER LOCAL CODE).
4. OPTIONAL INTERIOR WINDOW SHADES:

   ROLL - A - SHADE
   3" BOTTOM FASCIA SYSTEM
   OYSTER BEIGE
   5% LIGHT PASS-THRU
   METAL PULL STRING

   VERIFY LOCATION / QUANTITY / EXTENTS WITH OWNER

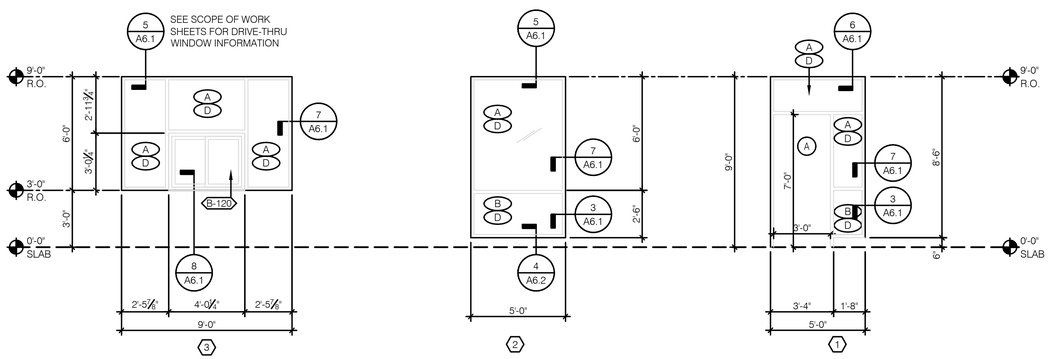
KEYNOTES:

(A) 1" INSULATED GLASS; TYPE GL-3. SEE GENERAL NOTE 2, THIS SHEET.

(B) 1" INSULATED TEMPERED GLASS; TYPE GL-3. SEE GENERAL NOTE 2, THIS SHEET.

(C) ¼" TEMPERED GLASS; TYPE GL-2. SEE GENERAL NOTE 3, THIS SHEET.

(D) LOW-E COATING. SEE GENERAL NOTE 1, THIS SHEET.



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

WINDOW TYPES 1/4" = 1'-0" — 9

GENERAL NOTES:

1. DIMENSIONS ON THIS DWG. ARE TO FRAME EDGE. REFER TO SHEETS A1.0 AND TYPICAL BUILDING SECTIONS SHEETS A5.0, A5.1 and A5.2 FOR ROUGH OPENING DIMENSIONS.
2. SEE SCHEDULE FOR GLASS TYPES.
3. REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
4. ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C. U.O.N.
5. ALL STOREFRONT AND DRIVE-THRU WINDOW FRAMES SHALL BE CLEAR ANODIZED (SILVER). DRIVE THRU WINDOW <B-120> SHALL BE CLEAR ANODIZED.
6. ALL HARDWARE SHALL BE US32D U.O.N.
7. ALL EXTERIOR DOORS SHALL RECEIVE A PEST CONTROL DOOR SWEEP (AT BOTTOM / OUTSIDE FACE OF DOOR). COLOR TO MATCH EXTERIOR DOOR FINISH. SEE DOOR SCHEDULE MISCELLANEOUS ITEM 3, THIS SHEET.
   DOOR NO. 4 >>> SWEEP IS INTEGRAL WITH SECURITY DOOR
   DOOR NO.s 1, 2, 3 >>> SWEEPS PROVIDED BY STOREFRONT SYSTEM SUPPLIER

NATIONAL ACCOUNT SUPPLIER

SECURITY DOOR + INTERIOR DOORS, FRAMES & HARDWARE

LOCKNET
PAM PEEL
100 COURCHELLE DRIVE
NICHOLASVILLE, KY 40356
800-887-4307 EXT.133 FAX : 859-887-4958
CONSTRUCTION@LOCKNET.COM

NOTES — 4

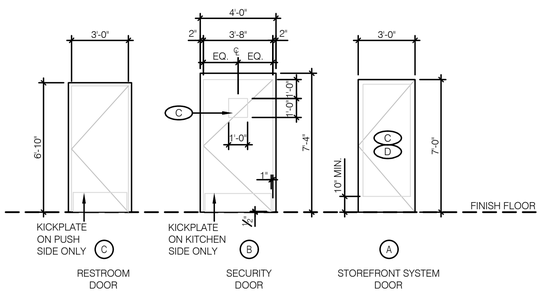
REFERENCE NOTES:

1. LAMINATE ON DOORS 5, 6 and 7; PAINT FRAMES 5, 6 and 7. REFER TO FINISH SCHEDULE, SHEET A7.2.
2. ALL HM FRAMES SHALL BE 16 GA STEEL U.O.N.
3. ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYED ALIKE.
4. PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
5. MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
6. COMPLETE DOOR, FRAME AND HARDWARE PACKAGE SHALL BE ORDERED THRU LOCKNET SECURITY DOORS, PART #DU3670L52VED:
   VISION PANEL (WITH 18 GA. HOLLOW METAL FRAME), CONTINUOUS HINGE, HEAVY DUTY CLOSER, RAIN DRIP, DOOR SWEEP / BOTTOM, BRUSH-TYPE DOOR SWEEP / BOTTOM (EXTERIOR SIDE), WEATHER-STRIP, KICK PLATE and PANIC HARDWARE.
7. STOREFRONT ENTRY DOORS:
   PROVIDE PUSH / PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL. FLUSH BOLT ON INACTIVE LEAF, DEAD BOLT ON ACTIVE LEAF.
8. MOUNT KICK PLATE ON PUSH SIDE ONLY.
9. MAXIMUM DOOR OPERATING PRESSURE:
   5 LBs INTERIOR / 8.5 LBs EXTERIOR; MEASURED at 90 DEGREES TO THE DOOR AT THE STRIKE EDGE.
10. ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION:
    (1) MEN, (1) WOMEN.
11. RESTROOM SIGN IF REQUIRED; VERIFY per LOCAL REQUIREMENTS.
12. SECURITY DOOR & INTERIOR DOOR FRAMES SHALL BE PAINTED. REFER TO COLOR LEGEND, SHEET A4.0.
13. ALUMINUM DOORS, HARDWARE, HINGES, SWEEPS, PUSH / PULL PLATES (VERIFY WITH LOCAL CODE), SHALL BE PROVIDED BY STOREFRONT SYSTEM SUPPLIER / INSTALLER.
14. UNDERCUT DOOR ¾" (TO ALLOW FOR RETURN AIR PASSAGE).
15. SEE GENERAL NOTE 7, THIS SHEET.
16. BOTTOM RAIL OF STOREFRONT DOORS SHALL BY 10" HIGH / MINIMUM per ADA.

DOOR SCHEDULE NOTES — 1

DOOR NO.	DOOR SIZE	TYPE	DOOR	FRAME	BUTTS 1	BUTTS 2	BUTTS 3	BUTTS 4	LOCKS 1	LOCKS 2	LOCKS 3	LOCKS 4	LOCKS 5	LOCKS 6	CLOSERS 1	CLOSERS 2	CLOSERS 3	KICKPLATE 1	KICKPLATE 2	KICKPLATE 3	THRESHOLD 1	THRESHOLD 2	THRESHOLD 3	DOOR STOP 1	DOOR STOP 2	DOOR STOP 3	PUSH 1	PUSH 2	PULL 1	PULL 2	MISCELLANEOUS 1	MISCELLANEOUS 2	MISCELLANEOUS 3	MISCELLANEOUS 4	MISCELLANEOUS 5	MISCELLANEOUS 6	DETAIL LOCATIONS			REFERENCE NOTES
					SEE DOOR TYPES, THIS SHEET																																				
					SEE DOOR TYPES, THIS SHEET																																				
					SEE DOOR TYPES, THIS SHEET																																				
					ONE PAIR OFFSET PIVOTS, TOP + BOTTOM, per DOOR MFR.																																				
					1 1/2 PR. BOMMER #5000-4501, 4-1/2" x 4-1/2"																																				
					CONTINUOUS HINGE INCLUDED IN PACKAGE																																				
					DOUBLE SWING HINGE INCLUDED IN PACKAGE																																				
					YALE B-PB5407 LNC OFFICE																																				
					FULL LENGTH LATCH PROTECTOR INCL. IN PACKAGE																																				
					PANIC HARDWARE INCLUDED IN PACKAGE																																				
					FLUSH BOLT/DEAD BOLT BY MFR AS REQUIRED																																				
					PRIVACY LOCKS																																				
					I.D.C. 8050																																				
					CLOSER INCLUDED IN PACKAGE																																				
					DORMA 7414 ARPxSNB689																																				
					STAINLESS STEEL 10" x .050 X 2" L.T.D.W. **																																				
					KICKPLATE INCLUDED IN PACKAGE																																				
					ACCESSIBLE ALUM. THRESHOLD BY DOOR MFR.																																				
					THRESHOLD INCLUDED IN PACKAGE																																				
					WALL STOP - ROCKWOOD 409																																				
					PUSH PLATE CHMI BUCKET (OPTIONAL - DOOR TYPES A, B)																																				
					PUSH PLATE ROCKWOOD 70F - 8" x 16"																																				
					PULL PLATE CHMI BUCKET (OPTIONAL - DOOR TYPES A, B)																																				
					PULL PLATE ROCKWOOD 70C x 107 - 4" x 16"																																				
					STD. ADJUSTABLE DOOR SWEEP PER DOOR MFR.																																				
					SWEEP (VISTA 231 STD) NGP 101VA																																				
					PEST CONTROL DOOR SWEEP- SEALEZE # D480CLA09BL																																				
					PROVIDE A SIGN STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"																																				
					DOOR SIGN (ADA ACCESSIBLE)																																				
					DOOR SIGN (GENDER)																																				
					HEAD																																				
					JAMB																																				
					SILL/THRESHOLD																																				
1	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X						X				X						X										X	X	X				12 / A6.1			7, 9, 13, 15, 16
2	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X						X				X						X										X	X	X				12 / A6.1			7, 9, 13, 15, 16
3	3'-6" x 7'-0" x 1-3/4"	B	HM	HM			X			X	X						X				X										X						1 / A6.1			6, 9, 12
4	3'-0" x 6'-8" x 1-3/4"	C	WD	HM		X									X	X				X						X		X		X					X	X	6 / A6.2	6 / A6.2		1, 2, 5, 8, 9, 10, 11, 14
5	3'-0" x 6'-8" x 1-3/4"	C	WD	HM		X									X	X				X						X		X		X					X	X	6 / A6.2	6 / A6.2		1, 2, 5, 8, 9, 10, 11, 14

DOOR SCHEDULE — 2



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING OR OUTSIDE ROOM.

DOOR TYPES 1/4" = 1'-0" — 3

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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

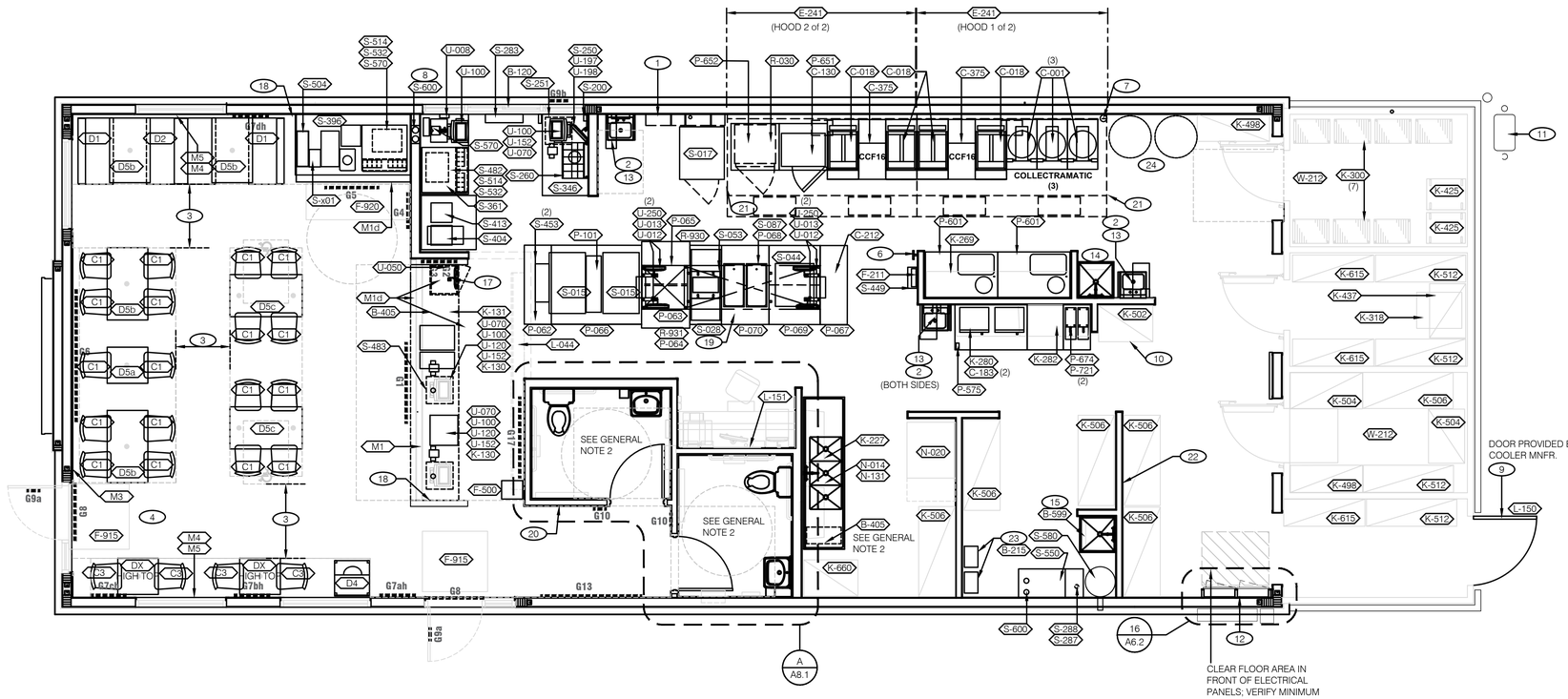
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

DOOR and WINDOW ELEVATIONS & SCHEDULE

A1.1

PLOT DATE: --/--/2020



EQUIPMENT / SEATING PLAN 1/4"=1'-0" **A**

TAG	QTY.	DECOR VENDOR #	ITEM	REMARKS
C1	18		CAFE DINING CHAIRS	
C2	-		CAFE DINING CHAIRS - KFC RED SEAT	
C3	4		CAFE BAR CHAIRS - KFC RED SEAT	
D1	2		SANDERS BOOTH SINGLE (3'-10"W x 3'-8"L)	
D2	1		SANDERS BOOTH DOUBLE (3'-10"W x 3'-8"L)	
D3	-		TRASH UNIT - SINGLE	
D4	1		TRASH UNIT - DOUBLE	
D5a	1		TABLE TOP - 21" x 24"	
D5b	4		TABLE TOP - 24" x 42"	
D5c	2		TABLE TOP - 28" x 48" (SIDE LEGS) HC W/ SYMBOL	
DX	2		HIGH TABLE TOP - 21" x 24"	
IS1	1		BUCKET	
IS2	1		RING CEILING ELEMENT	
M1	1		ORDER COUNTER/DRINK COUNTER COMPONENTS	
M1d	1 EA.		FRONT COUNTER SYSTEM W/ DIVIDER WALL W/ BEAM SYSTEM DRINK STATION W/ BEAM SYSTEM	
M2	1		ENTRY FOCAL WALL WITH REAL MEALS QUOTE - STANDARD	5'-0" MIN. OR 8'-0" MAX
M3	1		FOCAL WALL PANELS - BACK RED WALL W/ WINDOWS & TOP TRIM	
M4	-		WINDOW TRIM	
M5	5		CROWN MOULDING	10'-0" LENGTH
M6	-		BUCKET BOOTH WITH BAR COUNTER/CURVED GLASS DIVIDER SCREEN	
M7	-		CONDIMENT STATION	

SEATING PACKAGE LEGEND - BY DECOR VENDOR U.O.N. (TOTAL SEATS = 30) **D**

1. REFER TO SCOPE OF WORK FOR RESPONSIBILITIES.
2. SEE SHEET A8.1 FOR ENLARGED RESTROOM AND OFFICE PLAN.
3. (HC) - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.
4. ● - SYMBOL INDICATES CORE DRILL LOCATION (FOR REFERENCE ONLY).
   CORE DRILLS SHALL BE LOCATED FROM APPROVED DECOR VENDOR SHOP DRAWINGS and
   FIELD COORDINATION WITH G.C. DO NOT LOCATE PER THESE DRAWINGS.
5. REFER TO DESIGN REFERENCE MANUAL (PLANS.YUM.COM) FOR FINISHES, DIMENSIONS and DETAILS OF DECOR VENDOR SUPPLIED ITEMS. SEE SEATING PACKAGE LEGEND, THIS SHEET.
6. REFER TO SHEET A2.1 FOR EQUIPMENT TAG REFERENCES.

* THE NUTRITION MATERIALS (ACRYLIC HOLDER, NUTRITION POSTER AND BRAND NUTRITION BROCHURES) ARE PART OF A NEW RESTAURANT'S GRAND OPENING KIT AND ARE PROVIDED BY YUM FORMS.

GENERAL NOTES **C**

1. HOOD FIRE SUPPRESSION SYSTEM; SEE SHEET M3.1.
2. SPLASH GUARD at HAND SINK; SEE DETAIL 7 / A6.3.
3. MAINTAIN 44" MIN CLEAR AISLE EGRESS PATHS TO EXIT DOORS.
4. 30" x 48" CLEAR FLOOR SPACE FOR HANDICAP ACCESS.
5. NOT USED
6. PULL STATION @ 3'-8" A.F.F.
7. GAS LINE DOWN TO EQUIPMENT; SEE SHEETS P3.0, P5.0.
8. PVC CHASE (QTY. 2) FOR SYRUP / FILTERED WATER TUBE BUNDLE. COORDINATE w/ 8" x 12" WALL OPENING; SEE ELEVATIONS 1 / A8.0 and 5 / A8.2, PROVIDE FILTERED WATER CONNECTION FOR TEA BREWER S-404.
9. SEE SHEET A1.1 FOR SECURITY DOOR PACKAGE, COOLER MANUFACTURER DOOR TO PROVIDE SECURITY HARDWARE AND FUNCTION.
10. SAUCE DISPENSING BRACKET; ATTACH TO STORAGE SHELF.
11. GAS METER (SEE CIVIL FOR LOCATION).
12. SWITCHGEAR / ELECTRIC PANELS; SEE SHEET E4.0.
13. B-241 B-251 B-290 B-405 N-053 N-133 N-150
14. B-620 N-071 N-202
15. B-599 N-071 N-202
16. NOT USED
17. SAFE. SEE DETAIL 9/A6.3.
18. MILLWORK WALL PANELS. COORDINATE WITH MILLWORK VENDOR
19. NEW PACK-LINE COORDINATE EQUIPMENT ORDER WITH EQUIPMENT VENDOR.
20. INSTALL FOUNDATION ARTWORK AT 5'-6" A.F.F. TO CENTER.
21. INSTALL VERTICAL END PANELS. PROVIDED BY HOOD MANUFACTURER
22. PROVIDE 2X4 WOOD BLOCKING FOR SHELVING AND ALL HAND SINKS (TYP.)
23. TANKLESS WH SYSTEM - SEE MEP DRAWINGS
24. RTI SYSTEM

KEYNOTES **B**

NOT USED **E**

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LIS PROJECT; 2019-304

KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

EQUIPMENT PLAN and SEATING PLAN

A2.0

PLOT DATE: --/--/2020

EQUIPMENT SCHEDULE

NO.	QTY	G.C. INST.	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
			B CONTRACTOR BUILDING ELEMENTS						
B-120	1	X	DRIVE-THRU WINDOW	QUICKSERV #SC4030CR				CLEAR ANODIZED	B-120
B-215	2	X	WATER HEATER (TANKLESS)	RINNAI / MODEL: RL94i (REU-VC2837FFUD-US)	X	X	X	SEE A/P1.0 PLUMBING SCHEDULE WH-1 & WH-2	B-215
B-241	5	X	SOAP DISPENSER (WALL MOUNT)	KAY 3675				SURFACE MOUNTED	B-241
B-251	3	X	SANITIZER DISPENSER	KAY 3741				SURFACE MOUNTED	B-251
B-265	2	X	MIRROR, 18" X 36"	BOBRICK #B-165-1836				SURFACE MOUNTED	B-265
B-275	2	X	TOILET PAPER DISPENSER	BOBRICK #B-2890				SURFACE MOUNTED	B-275
B-290	5	X	PAPER TOWEL DISPENSER	BOBRICK #B-262				SURFACE MOUNTED	B-290
B-294	2	X	TRASH RECEPTACLE	BOBRICK #B-3644				SEMI-RECESSED	B-294
B-300	2	X	GRAB BAR 1-1/2"DIA X 36" S.S. FIN.	BOBRICK #B6806X36				SURFACE MOUNTED	B-300
B-305	2	X	GRAB BAR 1-1/2"DIA X 42" S.S. FIN.	BOBRICK #B6806X42				SURFACE MOUNTED	B-305
B-310	2	X	GRAB BAR 1-1/2"DIA X 18" S.S. FIN.	BOBRICK #B6806X18				SURFACE MTD	B-310
B-405	5	X	WASTE BASKET	RUBBERMAID SLIM JIM #3541 (GREY)					B-405
B-410	1	X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140				INCLUDES ACCESSORY KIT & MOUNTING HARDWARE	B-410
B-599	1	X	MOP SINK STATION	ISS #WST806Y					B-599
B-620	1	X	CHICKEN MOP SINK STATION	ISS #MOPCHICKMB					B-620
B-700	2	X	BABY CHANGING TABLE					G.C. TO CONFIRM RSCS PROVIDED ITEM CONFORMS TO REQUIRED CLEARANCES	B-700
-									
-									
			C COOKING EQUIPMENT						
C-001	3	X	COLLECTRAMATIC PRESSURE FRYER	WINSTON 64 LBS #LP46		X		POWERED BY 208 VOLTS 10,500 WATTS	C-001
C-018	4	X	OPEN FRYER W/ CONTROLLER	PITCO #KF-SFSSH75-2		X	X	COMES WITH GAS HOSE KIT	C-018
C-130	1	X	CONVECTION OVEN W/ CONTROLLER	BLODGETTE MARK V		X		6' POWER CORD, SLIDE OUT SHELF, 208 VAC 60HZ	C-130
C-183	2	X	MICROWAVE OVEN 2100 W	SHARP #R-25JTF		X			C-183
C-212	1	X	BUN TOASTER	PRINCE CASTLE # 297T9KFC		X			C-212
C-375	2	X	FRYER LANDING PORTABLE FRYER OIL FILTER	#CCF-16					C-375
-									
-									
-									
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-									
			E EXHAUST HOODS/FIRE SUPP.						
E-241	1	X	2 - 10'-6" WIDE CANOPY HOOD	STRATOVENT		X		SEE HOOD MFR. DRAWINGS (HOOD 1 of 2) M3.0, M3.1	E-241
			F OFFICE/EMPLOYEE/MUSIC/MISC.						
F-006	1	X	FILE CABINET (2 DRAWER HIGH)	LOUISVILLE MILL - HON R512PL					F-006
F-024	1	X	CHAIR - OFFICE (MANAGER)	HON HLN7901AB10T					F-024
F-040	1		OFFICE COMPUTER	POS PROVIDED		X			F-040
F-050	1		CREDIT CARD SATELLITE ROUTER JUNCTION	YUM		X			F-050
F-060	1		MONITOR-OFFICE	YUM					F-060
F-080	1		OFFICE PRINTER/ COPIER/ FAX/ SCANNER	POS PROVIDED		X			F-080
F-090	1		UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED		X			F-090
F-131	1		MUSIC SYSTEM	MUZAK #6848. LOCAL LEASE		X		MUZAC (LOCAL LEASE), W/ 4 SPEAKERS	F-131
F-211	2	X	CLOCK	B&B SYSTEMS #02060475					F-211
F-270	1	X	FIRST AID KIT	SWIFT #68-UFPC					F-270
F-500	1	X	HIGH CHAIR	KOALA KARE #KB103 "CLASSIC" (GREY)					F-500
F-915	2	X	FLOOR MAT 3' x 5'	ENTRANCE, INC. #41150012				RUBBERIZED	F-915
F-920	1	X	FLOOR MAT 2' x 7'-6"	CREST #249614 ANTISLIP				RUBBERIZED	F-920
-									
-									
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-									
			K WORKSTATIONS/SHELVING/CARTS						
K-130	2	X	MOBILE FRONT COUNTER CART 18"X24"	ISS #FC18242MYA					K-130
K-131	1	X	MOBILE CONDIMENT CART	ISS #CONDDPSS					K-131
K-227	1	X	3 COMP. SINK WORKSTATION, 96"L	ISS #WST808E					K-227
K-269	1	X	BREADING WORKSTATION (DOUBLE) 18" x 48"	ISS #WST758Y					K-269
K-280	1	X	48" MICROWAVE WORKSTATION	ISS #WST760E					K-280
K-282	1	X	MIXER WORKSTATION	ISS #WST757E					K-282
K-300	7	X	DUNNAGE RACKS	YESS #PE84065					K-300
K-318	1	X	SLAW CART	TBD					K-318
K-425	2	X	BAKERS RACK 20.5" x 26" x 69"	NEW AGE INDUSTRIAL #1331					K-425
K-437	1	X	VEGGIE MODULE, 24" X 36"	ISS #WST 1139Y					K-437
K-498	1	X	SHELVING UNIT 18" x 48" x 74"H (4 TIER)	ISS #SU184874Y					K-498
K-502	3	X	SHELVING UNIT 24" X 36" X 74"H (4 TIER)	ISS #SU243674Y					K-502
K-504	1	X	SHELVING UNIT 24" X 48" X 74"H (4 TIER)	ISS #SU244874Y					K-502
K-506	6	X	SHELVING UNIT 24" x 60" x 74"H (4 TIER)	ISS #SU246074Y					K-506
K-512	4	X	SHELVING UNIT 18" x 60" x 74"H (4 TIER)	ISS #SU186074Y					K-512
K-660	1	X	SHELVING UNIT 24" x 36" x 74" (6 TIER)	SPG #KFC 24x36E					K-660
K-615	3	X	SHELVING UNIT 18" x 54" x 74"H (4 TIER)	ISS #SU185474Y					K-615
-									
-									
-									
-									
-									
			L LIGHTING/SIGNAGE/MENUBOARDS						
L-044	1	X	INTERIOR MAGNETIC MENU BOARD	POSTERLOID # PSTR7PANELHWDKIT				INCLUDES MOUNTING RAILS AND BRACKETS.	L-044
L-150	1	X	SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM				ORDERED DIRECT FROM YRFS	L-150
L-151	1	X	CHAMPS BOARD 31"W x 23"H					ORDERED DIRECT FROM YRFS	L-151
-									

EQUIPMENT SCHEDULE

NO.	QTY	G.C. INST.	ITEM DESCRIPTION	MFR & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
			N SINKS/DISHWASHERS						
N-014	1	X	3 COMP 2 DRAINBOARDS SINK 101"L X 27"D X 39 1/2"H	AERO #MF3-2116-30LR	X	X		F3LR SERIES W/ 3 COMPARTMENT W/ 2 DRAINBOARDS	N-014
N-020	1	X	POT AND PAN WASHER	HOBART #PW10 00-950647	X	X			N-020
N-053	3	X	HAND SINK (KITCHEN)	AERO #HS-MOD	X				N-053
N-071	1	X	MOP SINK FAUCET	T&S #B-2465	X				N-071
N-131	1	X	PRE-RINSE KIT	T&S B-2466	X			FOR N-014	N-131
N-133	3	X	HAND SINK FAUCET	T&S FAUCET B-2456-W	X			SPLASH MOUNTED, FOR N-053	N-133
N-150	3	X	HAND SINK FOOT PEDAL	T&S B-0507	X			FOR N-053	N-150
N-202	1	X	MOP SINK 24" x 24" FLOOR MOUNT SINK	AERO MANUFACTURING CO., INC. #3MP-2121-6	X			INCLUDES (2) 24"X36" WALL PANELS	N-202
			P FOOD PREPARATION						
P-062	1	X	POST PACK TABLE 60"L X 18"W X 74"H	KFC #KPPL4A					P-062
P-063	1	X	WARMER, FRY, CRISP N HOLD	#CNH28LP208V/ 60HZ		X			P-0363
P-064	1	X	FRY DUMP TABLE	#KFCPL32				W/ UC STORAGE/OVERSHELF	P-064
P-065	1	X	FRY TABLE OVERSHELF	#KFCHS					P-065
P-066	1	X	BASE UNIT	SLT5360KFC					P-066
P-067	1	X	TOASTER TABLE	#KFCPL18				W/ UNDERSHELF	P-067
P-068	1	X	OVERSHELF w/ RACEWAY	SLOS8929K		X			P-068
P-069	1	X	COLD WELL TABLE	SLTC5336K		X			P-069
P-070	1	X	HOT WELL TABLE						P-070
P-101	2	X	FRANKE BUCKET TOWER						P-101
P-575	1	X	CAN OPENER	EDLUND EDL16100					P-575
P-601	2	X	BREADING TABLE (SINGLE), 48"L x 30"W x 36"H	AYRKING #BBS-U-4830-BPC		X			P-601
P-651	1	X	CONVECTION OVEN TABLE, 32"W x 31"D x 24"H w/ 4"H RAILS	APW #4857720				ON CASTERS	P-651
P-652	1	X	WORK TABLE over 1/2-HEIGHT FREEZER, 32"W x 31"D x 36"H	APW #4857800					P-652
P-674	1	X	WORK STATION FOR HOT WATER 18"W x 30"D x 76"H	ISS #WST790E				HOT WATER DISPENSER STATION	P-674
P-721	2	X	5 GAL HOT WATER MACHINE	BUNN 125000066	X	X			P-721
-									
			R REFRIGERATION						
R-030	2	X	1/2 HT. FREEZER (RH) STD. CASTERS	DELFIELD 407CA, RH		X			R-030
R-930	1	X	PACKLINE EQUIPMENT	TBD					R-0930
R-931	1	X	PACKLINE EQUIPMENT	TBD					R-931
			S SERVING/DRIVE-THRU						
S-015	2	X	HOLDING CABINET	AHC993RH	X	X		L/H FRONT, R/H BACK w/ FLIP DOORS BOTH SIDES	S-015
S-017	1	X	IMPROVED FULL-HEIGHT HEATED CABINET	HENNY PENNY #AHC-990LSD		X		L/H FRONT, R/H BACK w/ GLASS DOOR BOTH SIDES	S-017
S-028	1	X	GRILL TABLE	SLTG4821-K					S-028
S-044	1	X	BUN HOLDING CABINET	KFCEVOBH208		X		FLIP DOOR ACCESS ON BOTH SIDES	S-044
S-053	1	X	HOLDING CABINET	KFCEVOSH208		X		SLIDING DOOR ACCESS ON BOTH SIDES	S-053
S-087	1	X	INFARED HOLDING BIN	PRINCE CASTLE DHB2PT33KFCB		X			S-087
S-200	1		DRIVE-THRU TIMER	HME		X			S-200
S-250	1		DUAL OUTPUT VEHICLE DETECTOR	HME		X			S-250
S-251	1		DRIVE-THRU TIMER DISPLAY UNIT	HME		X			S-251
S-260	1	X	DRIVE THRU CONDIMENT TOWER	ISS #CONDTOW24L					S-260
S-283	1	X	DRIVE THRU DRINK STAGER	ISS #WST788E					S-283
S-287	1		WATER FILTER SYSTEM	SELECTO #BFCS, PART #66-6145LFM	X			PROVIDED and INSTALLED BY PEPSI	S-287
S-288	1	X	WATER FILTER SYSTEM	SELECTO #SMFIC614, PART #80-6140	X			PROVIDED BY OWNER / INSTALLED BY G.C.	S-288
S-346	1	X	PICK-UP DRIVE-THRU COUNTER (30" x 54")	ISS #WST1140Y					S-346
S-361	1	X	BEVERAGE COUNTER-DRIVE THRU 53"L x 32"D x 34"H	ISS#WST1140Y					S-361
S-404	1	X	BUNN TB 3-Q BREWER						S-404
S-413	2	X	URN						S-413
S-449	1	X	TIME TAG SYSTEM	FRANKE #27800400					S-449
S-453	2	X	T-SHIRT BAG HOLDER	FRANKE #27012973				ATTACH TO POSTPACK <P-107>	S-453
S-482	1	X	CUP DISPENSER 30-1/16" x 15-1/16" x 23-3/4"D	A.J. ANTUNES #DACS60					S-482
S-483	1	X	CUP DISPENSER 22" W x 19" H x 5 5/8" D	DIVERSIFIED METAL #WR-CC-22-RD					S-483
S-504	1	X	LID AND STRAW DISPENSER	DISPENSE-RITE #DMP TLD-3BT-2STR					S-504
S-514	2		ICE CUBER	MANITOWOC # 1Y0684C	X	X			S-514
S-532	2		BEVERAGE DISPENSER (SELF SERVE / DRIVE THRU)	CORNELIUS #ED 250	X	X			S-532
S-550	1		BAG-N-BOX SYRUP RACK	CORNELIUS/REMCOR BNB12B8P	X			FLO-3REG-2CRB, PROVIDED and INSTALLED BY PEPSI	S-550
S-570	2		CARBONATOR	CORNELIUS/REMCOR	X	X		LOCATED ON SHELF BENEATH DRINK MACHINE	S-570
S-580	1		CO2 (BULK) TANK	MVE #11805373				WITHOUT IMPURITY RING	S-580
S-600	2		BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X			PROVIDED and INSTALLED BY PEPSI	S-600
S-x01	3	X	NAPKIN TOWER	EXPRESSNAP 32XSP				DRINK, FRONT COUNTER, DT	S-818
			U SECURITY/COMM./FIRE PROT./POS						
U-008	1	X	BASE STATION - D/T COMM. SYSTEM w/ HEADSET RACK	ION IQ 6A10 SYSTEM; HME #C30000-6-HS-YUM		X		6 COMMUNICATORS & BATTERY CHARGER, +7'-0" A.F.F.	U-008
U-012	1	X	INTEGRATED PACKLINE KIT	ICP105					U-012
U-013	1	X	VIEWSONIC LCD DISPLAY	VA705B		X			U-013
U-031	1	X	CCTV DVR & MONITOR	MARTCO, INC. #E58050046		X			U-031
U-050	1	X	SECURITY SYSTEM	ADT #E53200155		X			U-050
U-070	3		RECEIPT PRINTER	POS PROVIDED		X		2 FOR F/C AND 1 D/T	U-070
U-100	4		POS/ORDER ENTRY TERMINAL	POS PROVIDED		X			U-100
U-120	2		CASH DRAWER HOLDER	POS PROVIDED				SEE SCOPE OF WORK	U-120
U-152	3		CASH DRAWER	POS PROVIDED				SEE SCOPE OF WORK	U-152
U-197	2	X	MONITOR WALL BRACKET	POS PROVIDED					U-197
U-198	6	X	17" MONITOR (FLAT SCREEN)	POS PROVIDED		X		SEE SCOPE OF WORK	U-198
U-250	6		BUMP BAR	POS PROVIDED					U-250
-									
			W WALK-IN COOLERS/FREEZERS						
W-212	1	X	WALK-IN COOLER / FREEZER	SEE DISTRIBUTOR EQUIPMENT MODEL	X	X			W-212

NOTE: ITEMS NOTED AS "CURRENTLY UNDER A FIELD VALIDATION PROGRAM" ARE PART OF A LARGE SCALE EVALUATION AND MAY NOT BE APPROVED FOR CONITNUING USE FOLLOWING COMPLETION OF THE EVALUATION. PLEASE CONTACT YOUR DISTRIBUTOR IF YOU HAVE ANY QUESTIONS.

B. D/T CLEARANCE BAR, SECURITY DOOR, WATER HEATER, D/T WINDOW, RESTROOM ACCESSORIES, AIR DOOR/CURTAIN, MOP SINK, HAND SINK ACC., CORNER GUARDS, MATS
C. FRYERS, OVENS, GRILLS, RETHERMALIZERS, TOASTERS, MICROWAVES
E. KITCHEN EXHAUST HOODS, FIRE SUPPRESSION EQUIPMENT
F. SAFE, OFFICE EQUIPMENT, EMPLOYEE STORAGE/BREAK
K. SHELVING, WORKSTATIONS, CARTS, RACKS, DOLLIES
L. SITE LIGHTING, SIGNAGE, MENUBOARDS
N. POWERSOAK, KITCHEN HAND SINKS, PREP. SINKS, DISHWASHERS
P. M.A.P.S. LINES, I-LINES, PACK LINES, BREADERS, MARINATORS, HOT WATER, WORK TABLES, CHEESE MELTERS
R. REFRIGERATORS AND FREEZERS (NOT WALK-IN)
S. DRINK SYSTEMS & EQUIP., HEAT CABINETS, STAGERS, WARMERS, SERVING EQUIP., D/T EQUIP.
U. SECURITY SYSTEM, LOCKS, CCTV, D/T COMMUNICATIONS/POS SYSTEM, POS EQUIP.
W. WALK-IN COOLERS/FREEZERS

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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

KFC

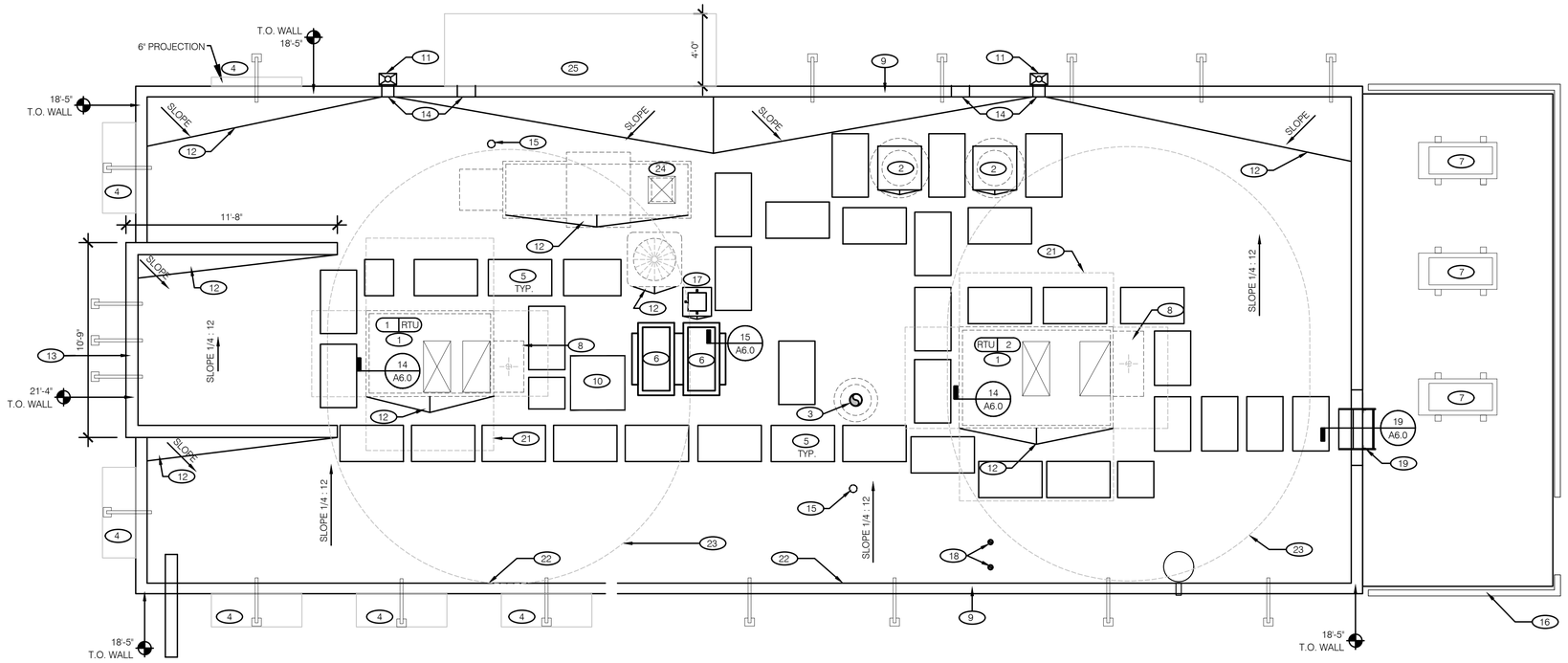
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

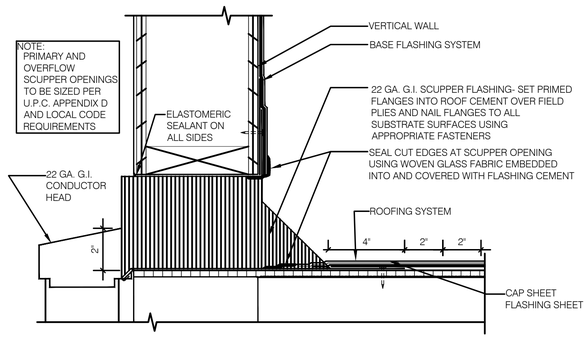
EQUIPMENT SCHEDULE

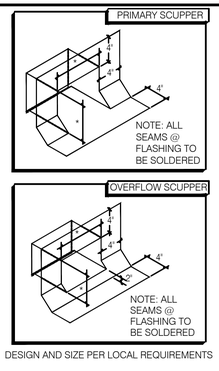
A2.1

PLOT DATE: --/--/2020



ROOF PLAN 1/4" = 1'-0" A





* DESIGN AND SIZE PER LOCAL REQUIREMENTS

SCUPPER FLASHING F

WATERPROOFING:

A. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
B. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS. SEE SPECIFICATIONS FOR SEALANT SPECS.
C. ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

MISCELLANEOUS:

A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.

ROOF INSULATION:

A. RIGID BOARD, INSULATION TYPE 3. REFER TO SPECIFICATION SECTION 07210.
B. BOARD THICKNESS TO BE DETERMINED BY SITE-SPECIFIC REGIONAL REQUIREMENTS; 1/2" MINIMUM (PER ROOFING SYSTEM STANDARD).

ROOFING SYSTEM:

A. DURO-LAST SINGLE-PLY SYSTEM TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.
B. G.C. SHALL COORDINATE ALL INSTALLATION REQUIREMENTS.

ALTERNATE ROOFING SYSTEM:

A. MODIFIED BITUMEN MEMBRANE SYSTEM. REFER TO SPECIFICATION SECTION 07550.
B. G.C. SHALL COORDINATE ALL INSTALLATION REQUIREMENTS.

ROOF CRICKETS:

A. CRICKETS @ ROOFTOP EQUIPMENT SHALL BE FORMED WITH TAPERED INSULATION TO SUCH AN EXTENT AS TO PROVIDE A POSITIVE MIN. 1/2" SLOPE TO THE VALLEY.

ROOF PLAN NOTES D

1. HVAC UNIT. INSTALL PLUMB AND LEVEL.
2. KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 and M3.1. REFER to DETAIL 18 / A6.0.
3. RESTROOM EXHAUST FAN VENT PIPE. SEE DETAIL 2 / M4.0. COORDAINTE LOCATION WITH RTU-2 AIR INTAKE; SEE KEYNOTE 23, THIS SHEET.
4. AWNING by SIGN VENDOR. SEE SCOPE OF WORK.
5. ROOF WALK MATS. SEE ROOF SPECS.
6. ICE MACHINE CONDENSERS.
7. WALK-IN COOLER / FREEZER CONDENSERS. SEE SCOPE OF WORK SHEET.
8. OUTSIDE AIR INTAKE FOR HVAC UNIT. MAINTAIN MIN.10'-0" SEPARATION FROM PLUMBING VENTS, FLUES AND BUILDING EXHAUST.
9. PARAPET CAP. SEE DETAILS 2 / A6.0.
10. PREFERRED LOCATION FOR SATELLITE DISH SLED. SEE SCOPE OF WORK.
11. COLLECTOR HEAD AND DOWNSPOUT.
12. ROOF CRICKET; MINIMUM SLOPE = ½" per FT.
13. TOWER PARAPET CAP. SEE DETAIL 1/A6.0
14. SCUPPERS. SEE DETAIL F; THIS SHEET TOP OF OVERFLOW SCUPPER TO BE SET 2" ABOVE TOP OF ROOF DRAIN
15. WASTE VENT UP THRU ROOF; SEE DETAIL 12 / A6.0. COORDINATE LOCATION WITH KEYNOTE 23, THIS SHEET.
16. FENCE OR SCREEN BELOW.
17. PIPE HOOD FOR SATELLITE DISH and/or REFRIGERANT LINES. SEE DETAIL 9 / A6.0.
18. WATER HEATER CONCENTRIC PIPING. COORDINATE LOCATION WITH RTU-2 AIR INTAKE; SEE KEYNOTE 23, THIS SHEET.
19. ROOF LADDER. SEE DETAIL 19/A6.0
20. NOT USED.
21. CLEAR ROOF WORK AREA AROUND RTU.
22. ROOF HIGH-POINT = 14'- 10 1/2" (BASED ON THE FOLLOWING CRITERIA):

    TOP OF ROOF TRUSS = 14'-0" AFF
    ROOF DECK = 5/8" THICK
    @ 1/4" per FOOT x 26'-9" = 6 3/4"
    3" THICK FLAT RIGID INSULATION BASE
    ROOF MEMBRANE = 1/8" ±

    ENSURE ROOF HIGH-POINT IS EQUAL TO / GREATER THAN 42" BELOW TOP OF PARAPET CAP.
23. CLEAR ROOF AREA AROUND RTU AIR INTAKE. NO BUILDING / EQUIPMENT EXHAUST PERMITTED WITHIN THIS AREA.
24. MAKE UP AIR UNIT. SEE M1.0
25. PRE-FINISHED ALUM. CANOPY LOCATED OVER DRIVE THRU WINDOW. DESIGNED BY VENDOR. ATTACH CANOPY WITH STEEL TIE RODS EXTENDED BACK TO AND ANCHORED TO BUILDING SUBSTRATE. PROVIDE WOOD BLOCKING AS REQUIRED FOR PROPER INSTALLATION & SUPPORT

KEY NOTES B

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FL. REG. AR98913

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KFC

3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

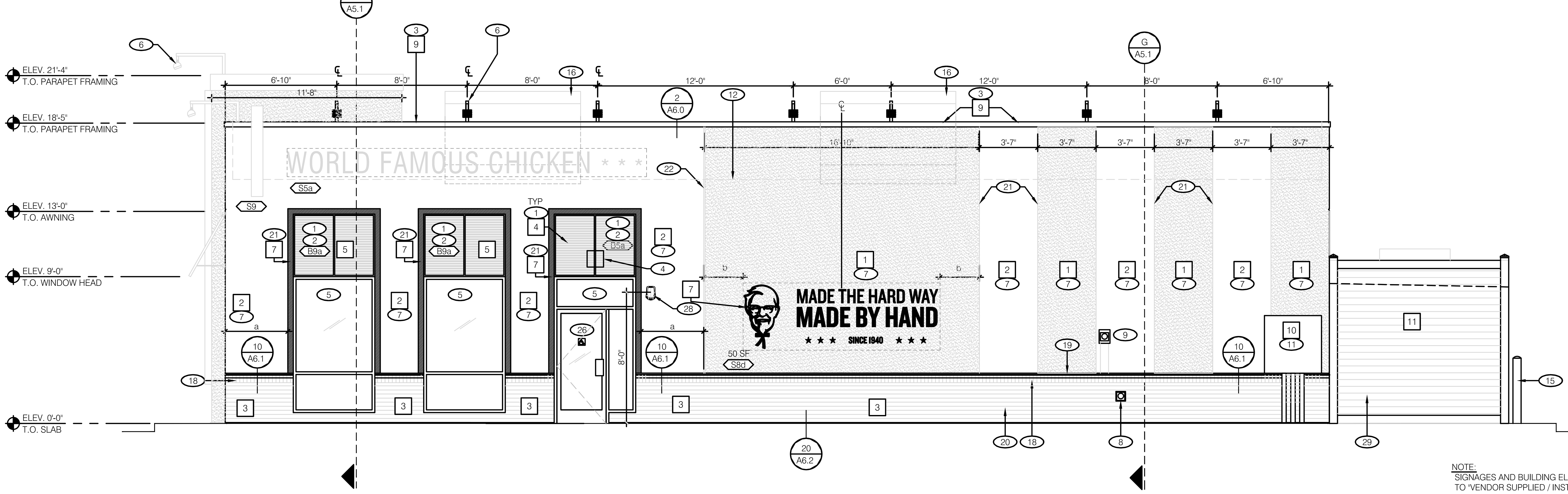
ROOF PLAN

A3.0

PLOT DATE: --/--/2020

NOTE:

REFER TO GRAPHICS PACKAGE FOR EXACT LOCATION, SIZE AND FORM OF ALL EXTERIOR DIMENSIONAL AND APPLIED LOGOS, SIGNS BANNERS AND GRAPHICS.



NOTE:
SIGNAGES AND BUILDING ELEMENTS NOT SHOWN ON THIS SHEET, REFER TO "VENDOR SUPPLIED / INSTALLED ELEMENTS" GENERAL NOTE; THIS SHEET.

MAIN ENTRY ELEVATION 1/4"=1'-0" **A**

SYMBOL	EXTERIOR WALL AREA	MANUFACTURER	COLOR	NOTES	CONTACT
1	EXTERIOR PAINT	BENJAMIN MOORE	AURA EXTERIOR PAINT EXOTIC RED 2086-10 LOW LUSTER (634)		KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
2	EXTERIOR PAINT	BENJAMIN MOORE	REGAL SELECT EXTERIOR PAINT WEDDING VEIL 2125-70 LOW LUSTER (N401)		KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
3	WAINSCOT		BRICK: PROVIDE GENERIC SMOOTH BRICK	TO BE PAINTED P-13	
4	EXTERIOR PAINT	BENJAMIN MOORE	AURA EXTERIOR PAINT BLACK HORIZON 2132-30 LOW LUSTER (634)		KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
5	LOUVERED AWNINGS	PRE-FINISHED	AURA EXTERIOR PAINT EXOTIC RED 2086-10 LOW LUSTER (634)		
6	BOLLARDS		PVC SLEEVE VERIFY COLOR w/ OWNER		
7	PAINTED 4" BORDER AROUND WINDOW, AWNING AND BEHIND AWNING (ABOVE THE WINDOW)		AURA EXTERIOR PAINT BLACK HORIZON 2132-30 LOW LUSTER (634)		KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
8	STENCIL		BLACK		
9	EXTERIOR METAL	BENJAMIN MOORE	COROTECH POLYESTER URTHANE CUSTOM MATCH BENJAMIN MOORE 2125-70 WEDDING VEIL (V520)	COROTECH PRIMER (V132)	KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
10	EXTERIOR METAL	BENJAMIN MOORE	COROTECH POLYESTER URTHANE CUSTOM MATCH BENJAMIN MOORE 2132-30 BLACK HORIZON (V520)	COROTECH PRIMER (V132)	KURT MCCLELLAND P: (800) 635-5147 / C: (502) 640-1608 kurt.mcclelland@benjaminmoore.com
11	EXTERIOR COMPOSITE SIDING	AZEK	COMPOSITE DECKING SQUARE SHOULDERED CAPPED, 5,5" w. X 1", HARVEST COLLECTION, ISLAND OAK	NAIL OR SCREW PVC PLANKS TO WOOD SUPPORTS, PER MANUF. REQUIREMENTS.	AZEK BUILDING PRODUCTS P: (877) 275-2935
12	EXTERIOR METAL	BENJAMIN MOORE	COROTECH POLYESTER URTHANE CUSTOM MATCH BENJAMIN MOORE 2086-10 EXOTIC RED (V520)		
13	EXTERIOR MASONRY	BENJAMIN MOORE	COROTECH POLYESTER URTHANE CUSTOM MATCH BENJAMIN MOORE 2132-30 BLACK HORIZON (V520)		

EXTERIOR FINISH SCHEDULE **F**

IMAGE COMPONENTS SCHEDULE

SIGNAGE

TAG	QTY	ITEM DESCRIPTION	ELEC
S1a	1	VINYL LOGO/GRAPHICS FOR TOWER PANEL - FULL HT.	
S1b	0	VINYL LOGO/GRAPHICS FOR TOWER PANEL - HALF HT.	
S3a	0	KFC CHANNEL LETTERS - 30" RED	X
S3b	2	KFC CHANNEL LETTERS - 24" RED	X
S3c	0	KFC CHANNEL LETTERS - 30" WHITE	X
S3d	0	KFC CHANNEL LETTERS - 24" WHITE	X
S4a	1	"REAL MEALS TO GO" DIMENSIONAL LETTERS FOR 15' DT CANOPY	
S4b	0	"REAL MEALS TO GO" VINYL LETTERS FOR 8' DT CANOPY	
S5a	1	"WORLD FAMOUS CHICKEN" LETTERS - 16" DIMENSIONAL PIN MOUNT	
S5b	0	"WORLD FAMOUS CHICKEN" 16" LETTERS - PAINT	
S5c	0	"WORLD FAMOUS CHICKEN" 12" LETTERS - PAINT	
S5d	0	"WORLD FAMOUS CHICKEN" STACKED LETTERS - PAINT	
S6	0	"REAL MEALS" BUCKET SIGN	
S7	0	"REAL MEALS TO GO" BUCKET SIGN	
S8a	1	"HARD WAY" PAINT TEMPLATE - 57" ROUND	
S8d	1	"HARD WAY" PAINT TEMPLATE - HORIZONTAL	
S9	1	"HOT FRESH ARROW SIGN"	X
S15b	1	"HOT FRESH ARROW SIGN"	X
G9a	2	STORE HOURS - ENTRY DOOR	
G9b	1	STORE HOURS - DT WINDOW	
G9c	1	STORE HOURS - DT SPEAKER POST/CANOPY	

BUILDING EXTERIOR ELEMENTS

TAG	QTY	ITEM DESCRIPTION	ELEC
B1a	1	TOWER PANEL W/ HALF HT LOGO (NO GRAPHICS)- FULL HT W/ EXTENDER	
B1b	0	TOWER PANEL W/ LOGO AND GRAPHICS - HALF HT	
~~B2~~	~~1~~	~~TOWER LID CANOPY~~	
B3a	1	DT WINDOW CANOPY - 15'-0" WIDE	
B9a	5	SHUTTERED AWNINGS - 5'-0" WIDE, 4'-6" HT	
B9b	1	SHUTTERED AWNINGS - 6'-4" WIDE, 4'-6" HT	
B9a-DT	2	SHUTTERED AWNINGS - 5'-0" WIDE, 4'-0" HT	

IMAGE COMPONENTS SCHEDULE **D**

MISCELLANEOUS:

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.
B. PAINT COLORS SHOWN ARE COLOR REFERENCES FOR THE E.I.F.S. SUPPLIER.

SEALERS (REFER TO SPECS):

A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.
B. SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD AND JAMB. DO NOT SEAL SILL AT WINDOWS.

HIGH IMPACT E.I.F.S.:

(A) AS REQUIRED PER SITE-SPECIFIC DESIGN: E.I.F.S. BASE COAT W/ 20 OZ. HIGH IMPACT MESH TO BE APPLIED FROM STARTER TRACK TO 7'-0" A.F.F. REFER TO SPECIFICATION MANUAL FOR E.I.F.S. MANUFACTURER'S ASSEMBLY DETAILS.

CRITICAL FINISH OPENINGS:

BUILDING FINISH OPENINGS THAT ARE DESIGNATED AS "CRITICAL" SHALL BE MAINTAINED TO PROVIDE FOR THE STANDARD INSTALLATION OF STANDARD SIGNAGE / BUILDING ELEMENTS. SEE GENERAL NOTE FOR 'VENDOR PROVIDED / VENDOR INSTALLED ELEMENTS'.

THIN BRICK INSTALLATION:

THE GENERAL CONTRACTOR TO ENSURE THAT THE BRICK JOINTS ARE PLUMB AND LEVEL, AND THE BRICK FACES ALIGNED AND FLUSH.

VENDOR SUPPLIED / INSTALLED ELEMENTS:

GC TO COORDINATE WITH VENDOR PROVIDED / VENDOR INSTALLED SIGNAGE AND BUILDING ELEMENTS.

SIGNAGE:
PER ORDINANCE NO. O-127-2015 OF THE CITY OF KNOXVILLE, TN: ORDINANCE MAX SF 200 SIGNS PER TENANT SPACE with 189 SF TOTAL

NUMBER OF SIGNS: 4
SIGNAGE SF: 189 SF

GENERAL NOTES **C**

1. PAINT WALL SURFACE BEHIND NEW AWNING
2. PRE-FINISHED METAL LOUVERED AWNINGS (AWNINGS ABOVE DOORS TO HAVE RAIN DIVERTERS)
3. PARAPET FASCIA CAP.
4. WALL PACK LIGHT
5. ALUMINUM STOREFRONT WINDOW / DOOR SYSTEM. SEE SHEET A1.1.
6. WALL LIGHTING - LIGHTING VENDOR SUPPLIED / GC INSTALLED. SEE SHEET E4.0.
7. STO CORP. 1" DRAINABLE E.I.F.S. REFER TO SPECIFICATIONS MANUAL FOR MANUFACTURER'S ASSEMBLY DETAILS, FIELD SUPPORT SERVICES AND CONTACTS. REFER TO DETAILS, SHEET A6.3. SEE 'HIGH IMPACT E.I.F.S.' GENERAL NOTE.
8. HOSE BIB - REFER TO DETAIL 5 / A6.2.
9. CO_2 FILLER VALVE & COVER. SEE DETAIL 11/A6.2
10. SCUPPER, COLLECTOR AND DOWNSPOUT 6" MIN.
11. SWITCHGEAR.
12. INDICATES TOP OF ROOF DECK.
13. DRIVE THRU WINDOW, SEE SHEET A2.1
14. GAS METER. DO NOT PAINT METER.
15. STEEL BOLLARD W/ PVC SLEEVE. SEE SITE DETAILS.
16. TOP OF RTU. COORDINATE WITH MANUFACTURER'S SPECIFICATIONS.
17. EXHAUST FANS ON ROOF.
18. BRICK SILL.
19. TRANSITION FROM THIN BRICK -to- E.I.F.S.
20. THIN BRICK RUNNING BOND
21. LINE OF PAINT COLOR CHANGE.
22. "V" GROOVE IN E.I.F.S. SEE DETAIL 14 / A6.2.
23. ROOF ACCESS LADDER. SEE DETAIL 14 & 15/ A6.3
24. THRU WALL OVERFLOW STORM DRAINAGE
25. STAINLESS STEEL CORNER GUARDS.
26. HANDICAP SIGNAGE; MOUNT AT 5'-0" A.F.F.
27. SECURITY DOOR. OWNER-SUPPLIED / G.C. INSTALL.
28. EMERGENCY LIGHT PER ELECTRIC
29. AZEK COMPOSITE SIDING FENCE BY G.C.
30. DOOR BY COOLER MANUFACTURER TO MATCH SECURITY DOOR FUNCTION AND HARDWARE INCLUDING VIEW PANEL.

NOTE: NOT ALL KEY NOTES APPLY TO THIS SHEET **KEY NOTES** **B**

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OCALA, FL

Kb 30-19

EXTERIOR ELEVATION

A4.0

PLOT DATE: --/--/2020

NOTE:

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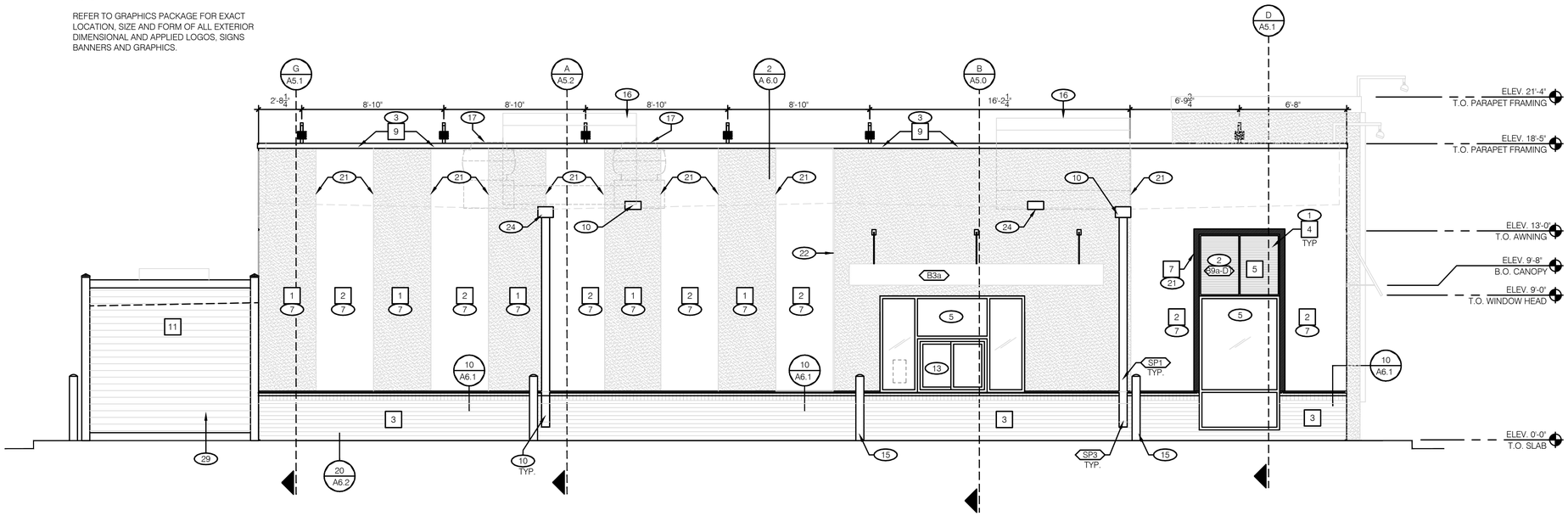

NOTE:
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DRIVE-THRU ELEVATION 1/4"=1'-0" | **A**

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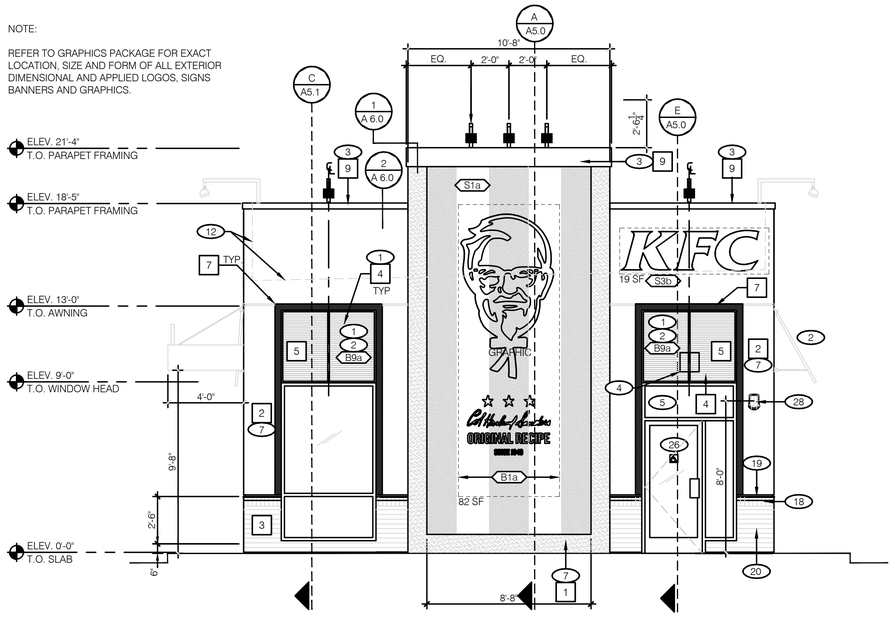
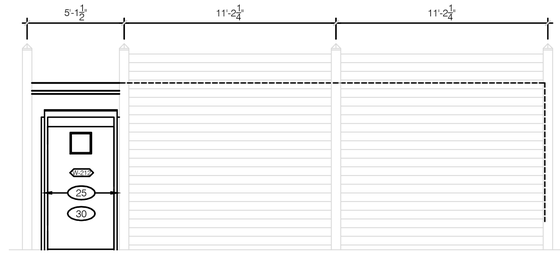


FRONT ELEVATION 1/4"=1'-0" | **B**



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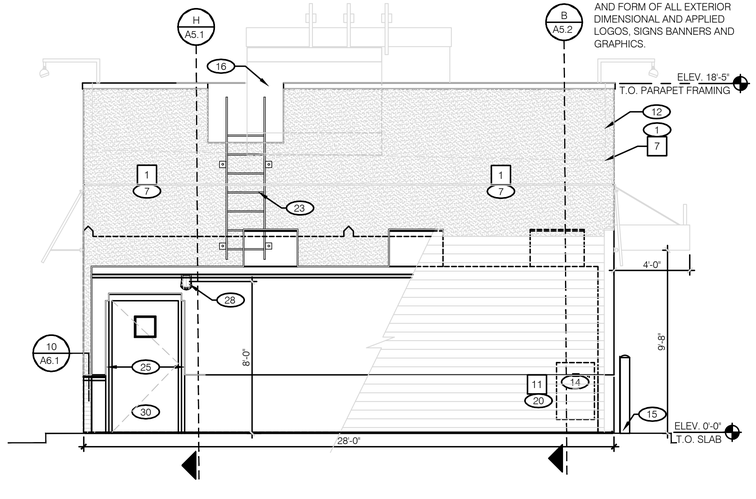

REAR ELEVATION 1/4"=1'-0" | **C**

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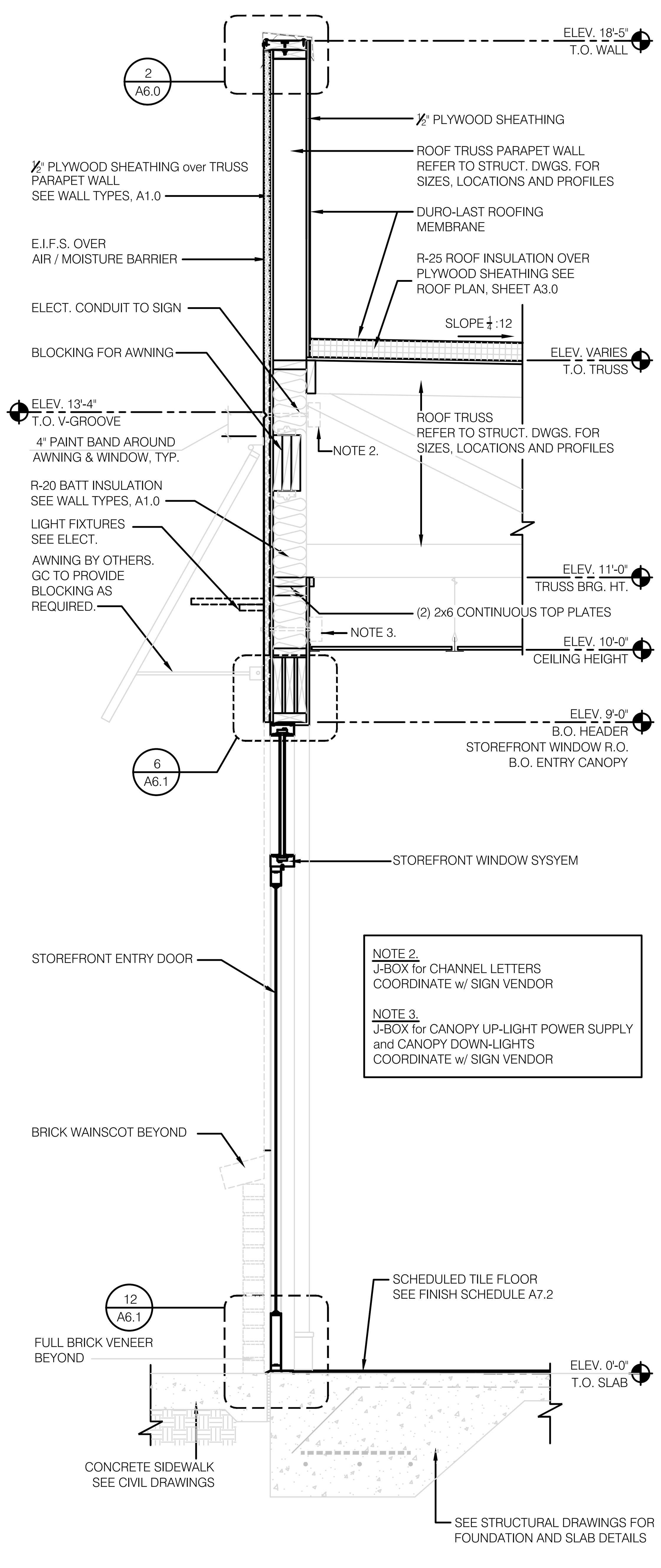
Kb 30-19

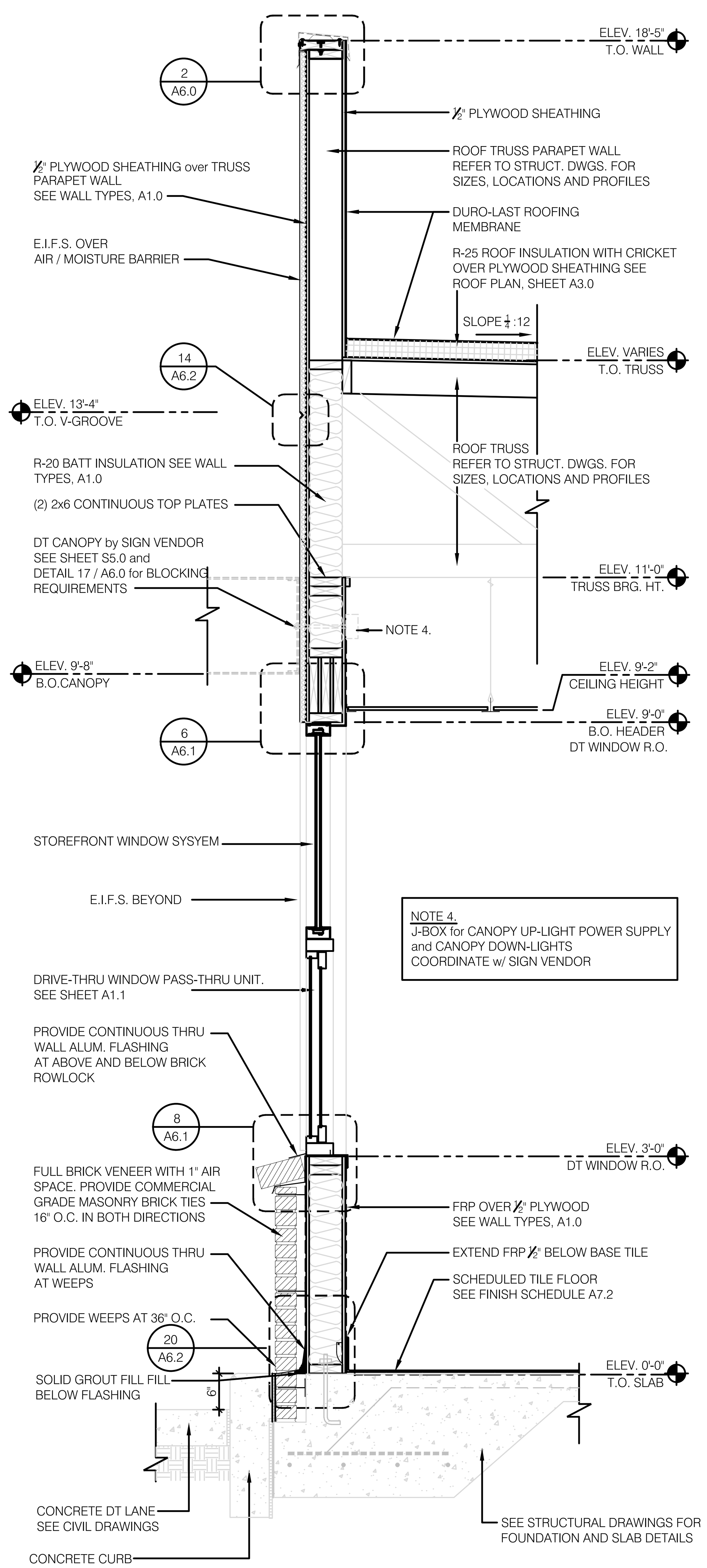
EXTERIOR ELEVATIONS

A4.1

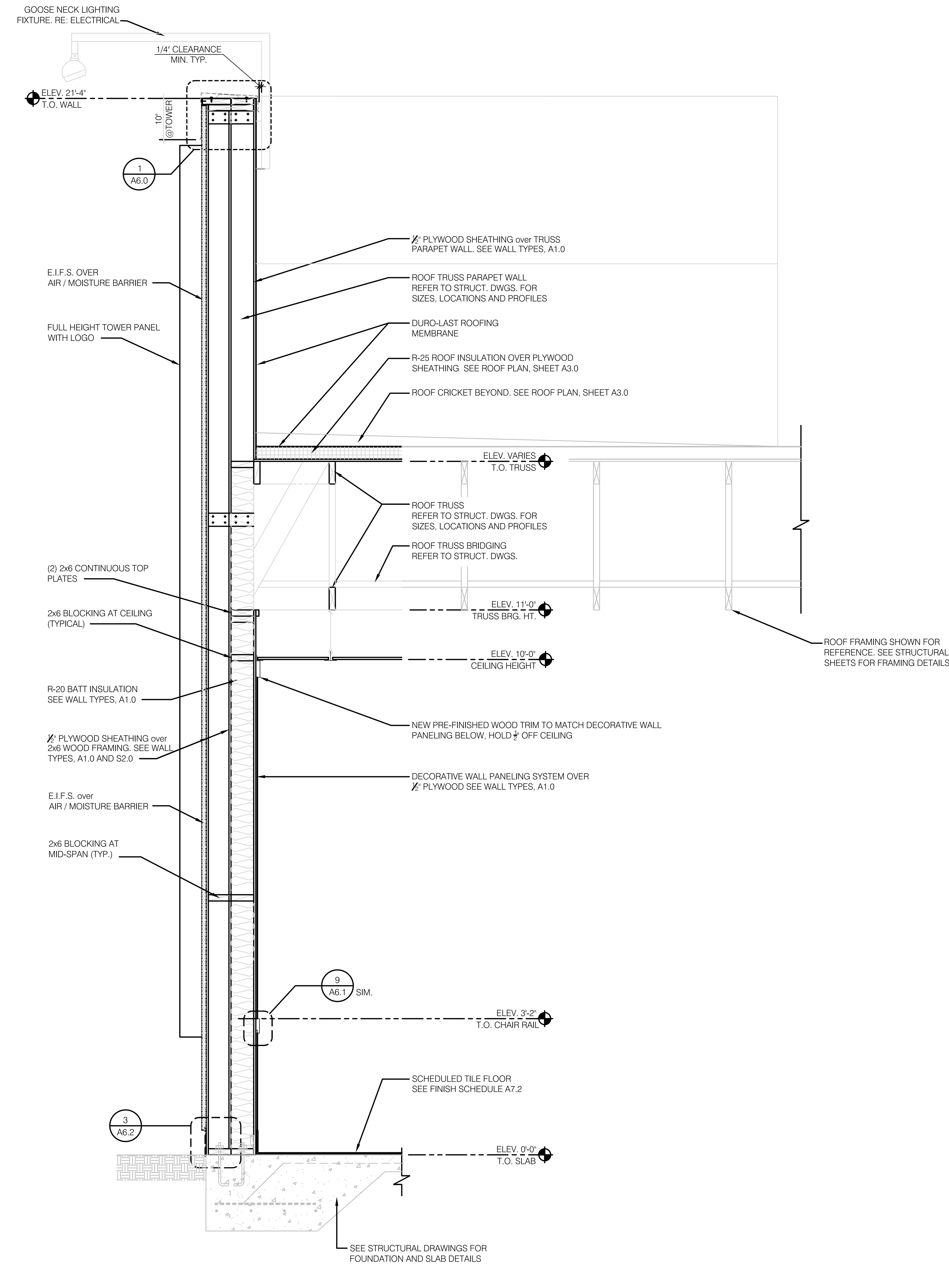
PLOT DATE: --/--/2020



WALL SECTION at ENTRY 3/4" = 1'-0" **E**



WALL SECTION at DRIVE-THRU WINDOW 3/4" = 1'-0" **B**



WALL SECTION at TOWER 3/4" = 1'-0" **A**

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21430 Palm Beach Blvd.
Alva, Fla. 33920
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facsimile: (239) 693-9828

LIS ARCHITECTURE ENGINEERING
LAND INVESTMENT SERVICES, LLC
AA 26002040 CA NO: 6853 LB1057

ARCHITECTURE / ENGINEERING OFFICE
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Suite 2064, Oviedo, FL 32765
Phone: (321) 244-0402
facsimile: (321) 244-9419

HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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

KFC

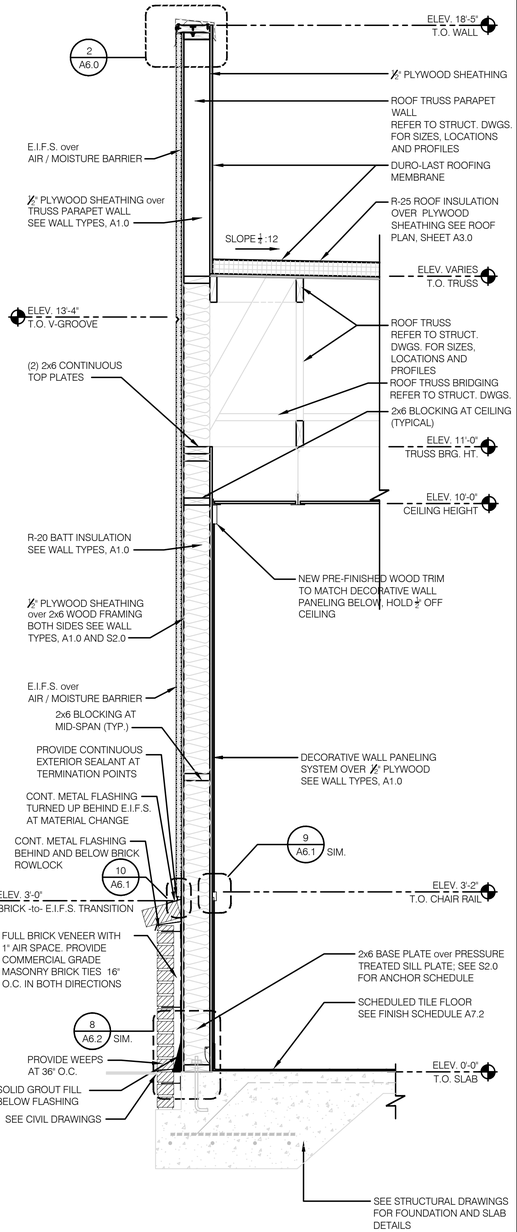
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

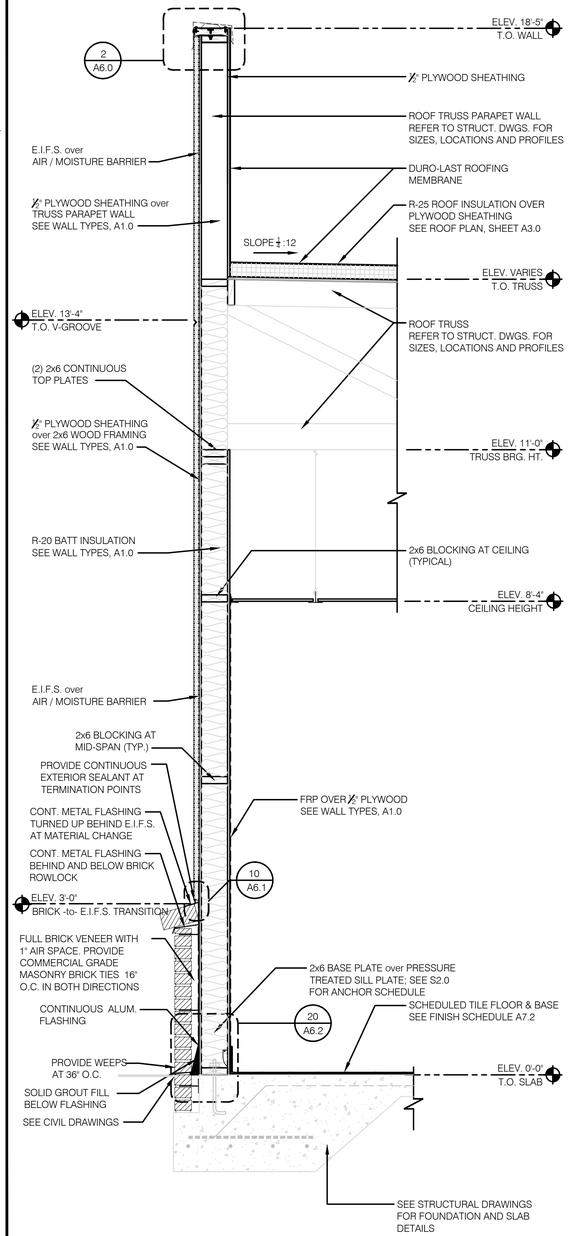
WALL SECTIONS

A5.0

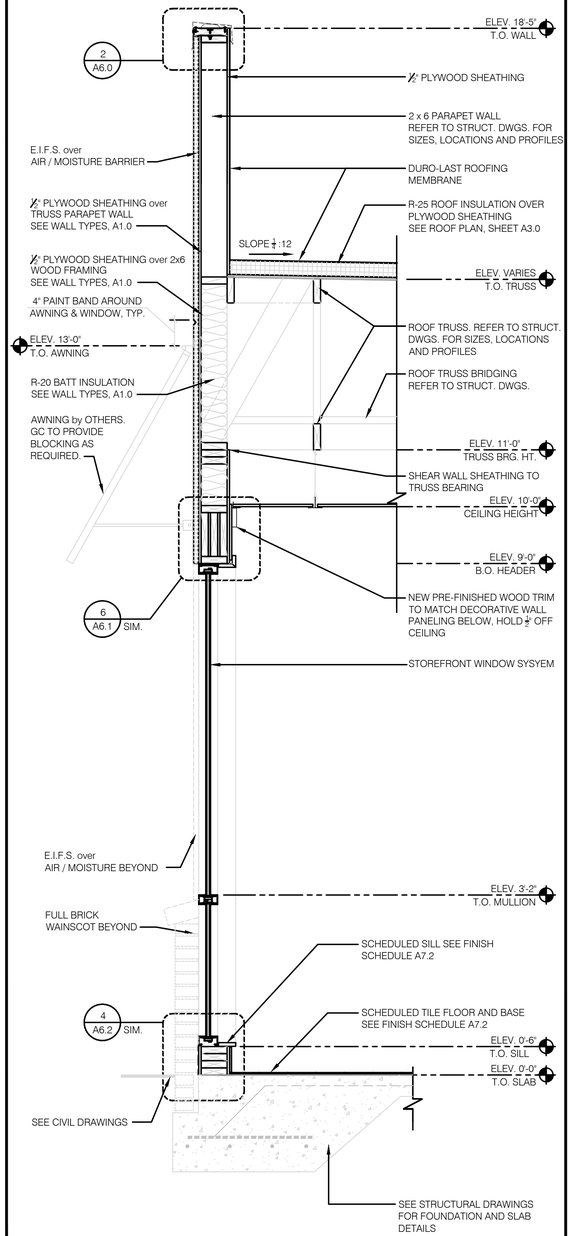
PLOT DATE: --/--/2020



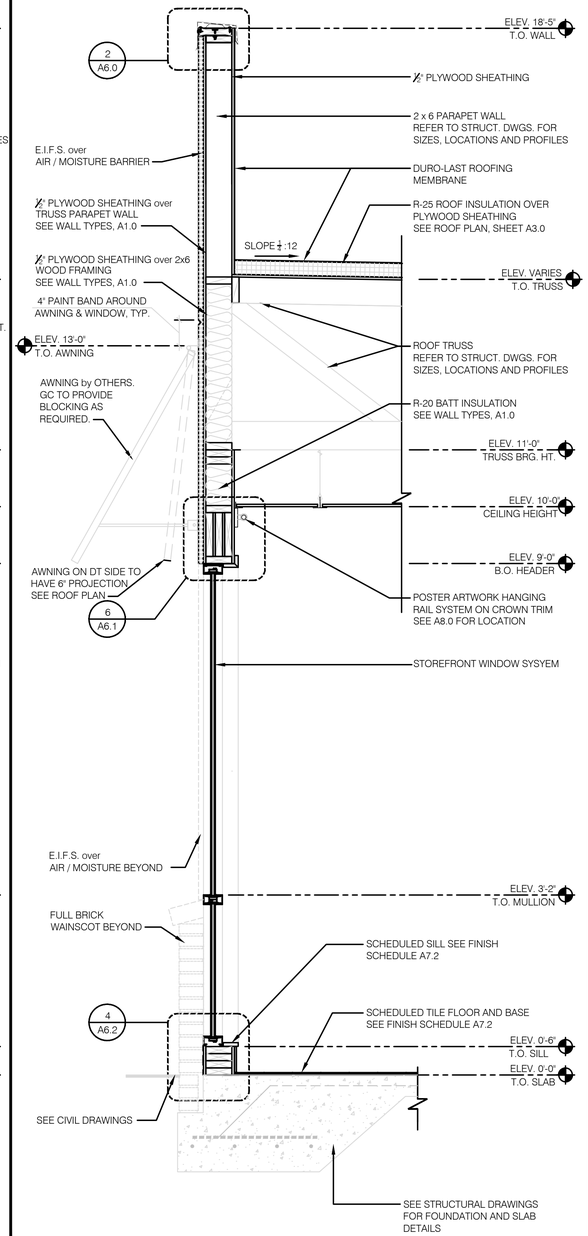
WALL SECTION at DINING (FRONT WALL) 3/4" = 1'-0" | **H**



WALL SECTION at KITCHEN (SIDE WALL) 3/4" = 1'-0" | **G**



WALL SECTION at DINING (FRONT WALL) 3/4" = 1'-0" | **C**



WALL SECTION at DINING (SIDE WALL) 3/4" = 1'-0" | **D**

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

CONTRACT DATE:	-.-.-2019
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LIS PROJECT;	2019-304

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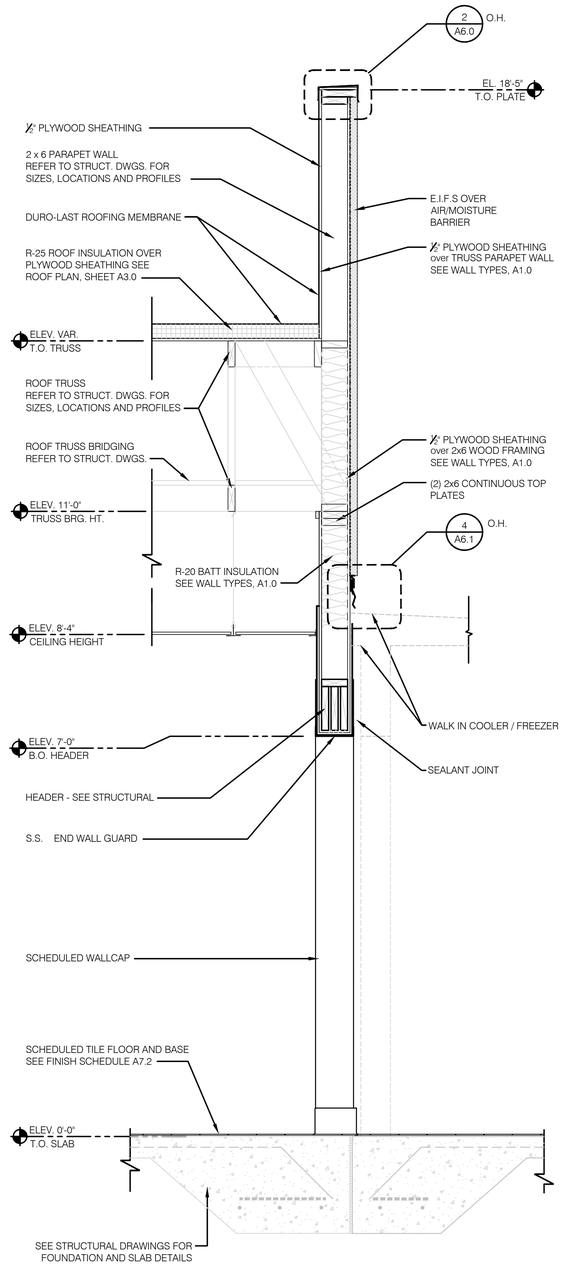
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

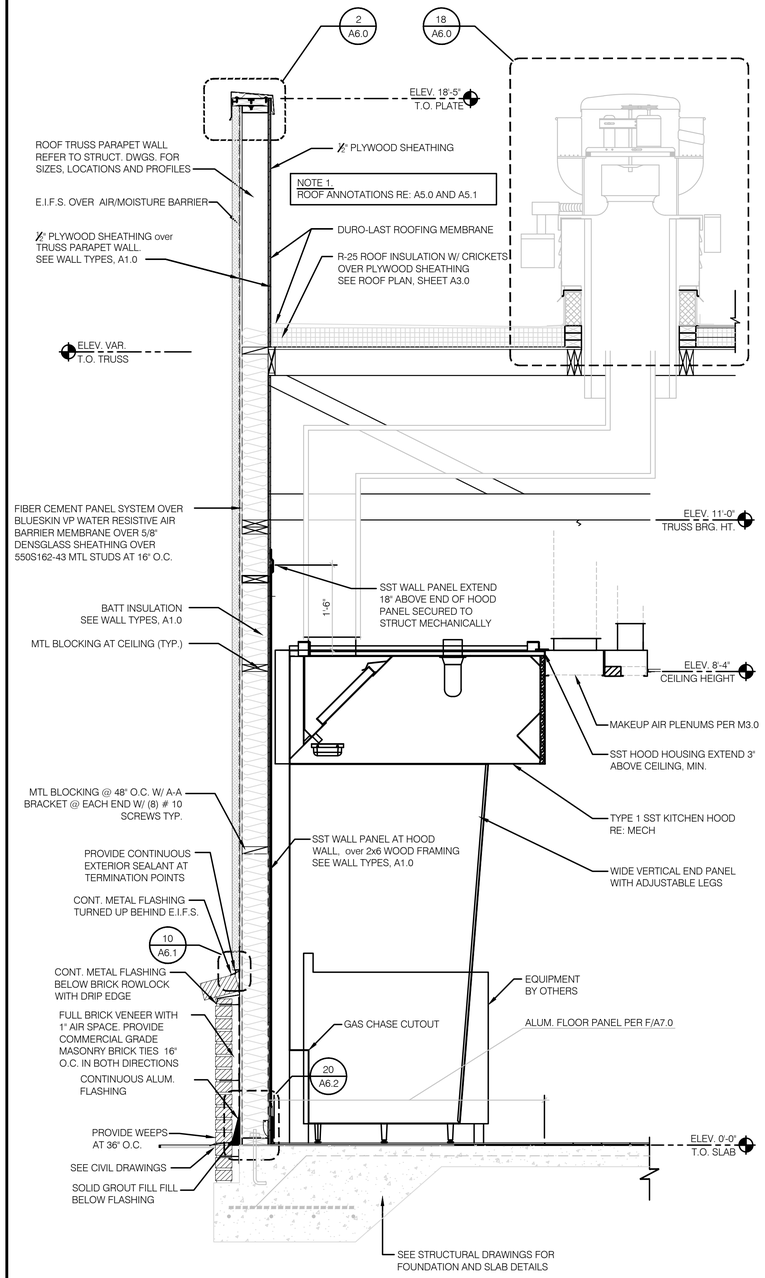
WALL SECTIONS

A5.1

PLOT DATE: --/--/2020



REAR WALL SECTION AT COOLER 3/4" = 1'-0" | **B**



REAR WALL SECTION AT COOLER 3/4" = 1'-0" | **A**

NOT USED 3/4" = 1'-0" | **C**

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HAROLD DANIEL HUTTER III
FL REG. AR98913

PLAN SET REVISIONS:

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

KFC

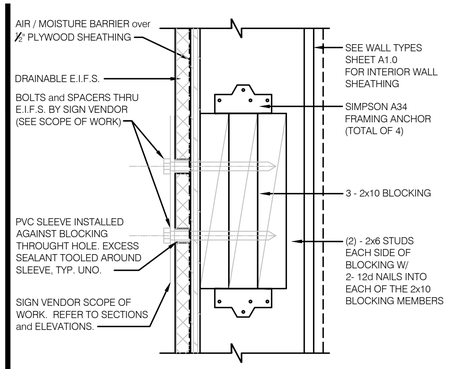
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

WALL SECTIONS

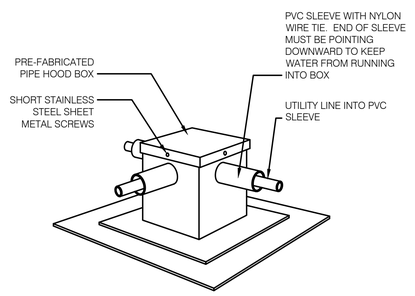
A5.2

PLOT DATE: --/--/2020



BLOCKING DETAIL 3" = 1'-0" | **17**

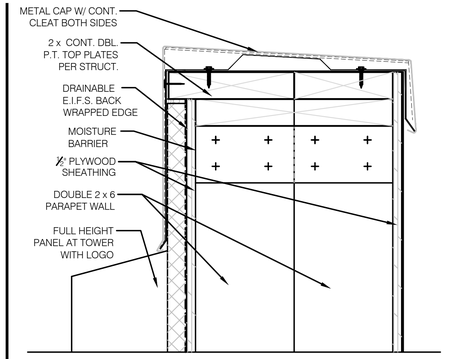
NOT USED 3" = 1'-0" | **13**



PRE-FABRICATED PIPE HOOD BOX BY EXCEPTIONAL METALS COMPANY; A SISTER-COMPANY OF DURO-LAST. MFR. # 2731. COORDINATE WITH TYPICAL ROOF OPENING DETAIL 15 / S4.2.

PIPE HOOD DETAIL NTS | **9**

NOT USED NTS | **5**



PARAPET COPING AT TOWER 3"=1'-0" | **1**

LIS ARCHITECTURE ENGINEERING

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2140 Palm Beach Blvd.
Ave. Fort Myers, FL 33901
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2572 West State Road 426
Oviedo, Florida 32765
Phone: (321) 244-0402
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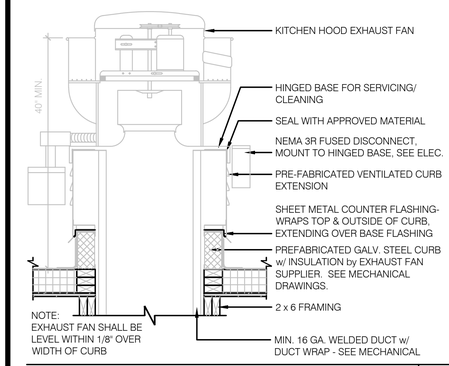
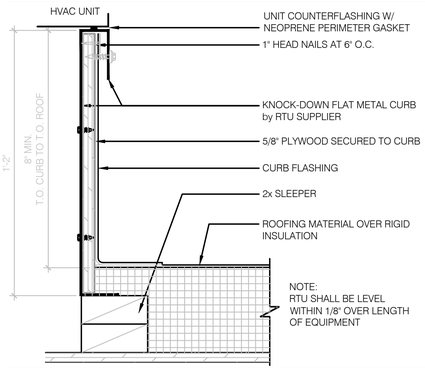
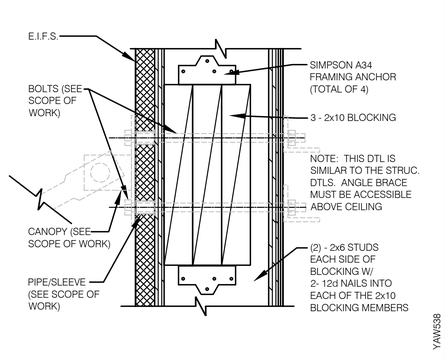


CURB for EXHAUST FANS EF-1 / EF-2 N.T.S. | **18**

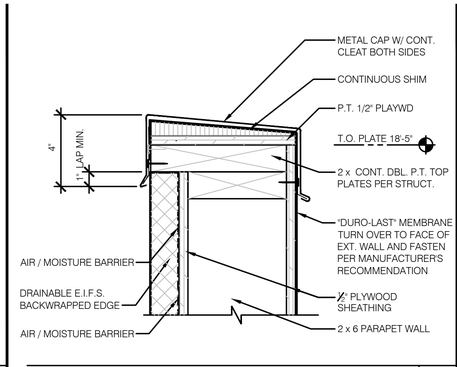


HVAC CURB 3"=1'-0" | **14**

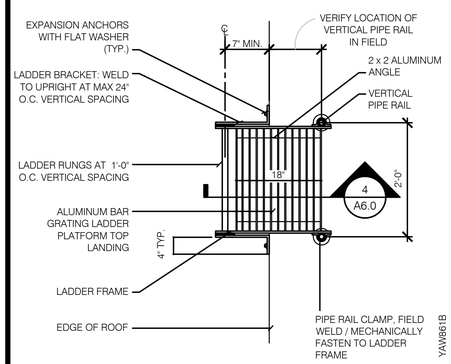
NOT USED | **10**



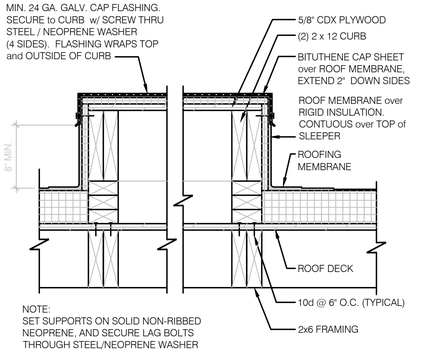
CANOPY TIE-ROD BLOCKING DETAIL 3" = 1'-0" | **6**



PARAPET COPING TYPICAL 3" = 1'-0" | **2**



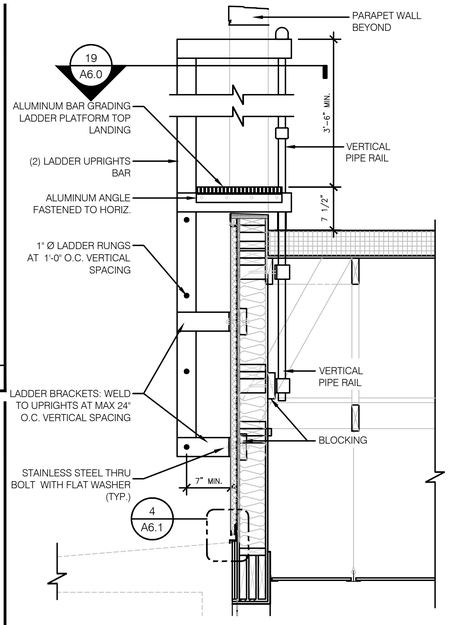
ROOF LADDER 1"=1'-0" | **19**



SLEEPER SUPPORT 1 1/2"=1'-0" | **15**

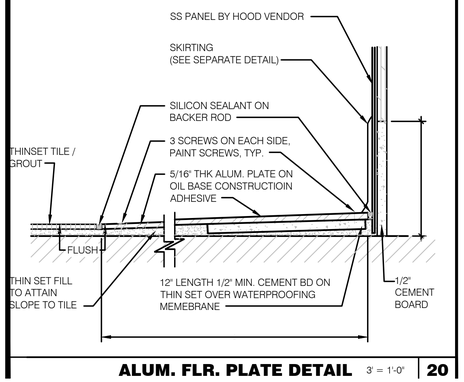
NOT USED | **11**

NOT USED NTS | **7**

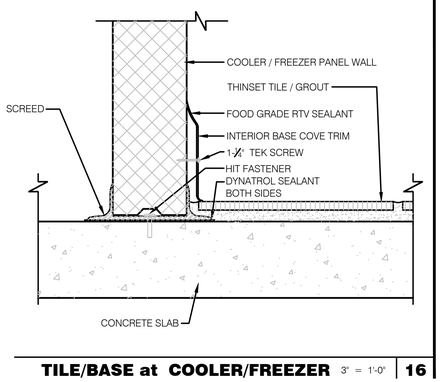


LADDER NOTES:
1. SUBMIT DRAWINGS AND CALCULATIONS IN COMPLIANCE WITH OSHA STANDARDS.
2. MATERIALS : ALUMINUM ALLOY WITH STAINLESS STEEL HARDWARE - GRIND WELDS SMOOTH.
3. RUNGS SHALL BE DESIGNED FOR A SINGLE CONCENTRATED LOAD OF 250 LBS APPLIED IN MIDDLE. RUNGS SHALL BE KNURLED OR PROVIDED WITH A SKID-RESISTANT MATERIAL TO MINIMIZE SLIPPING.
4. LADDER BRACKETS SHALL SUPPORT TWO 250 LB LOADS.

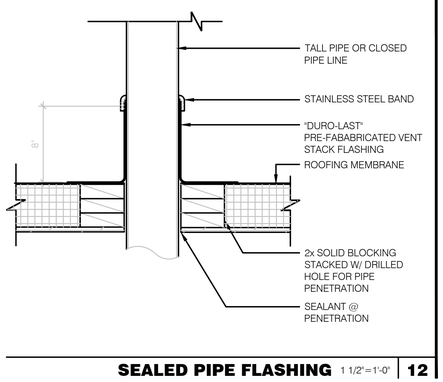
ROOF LADDER 1"=1'-0" | **4**



ALUM. FLR. PLATE DETAIL 3" = 1'-0" | **20**



TILE/BASE at COOLER/FREEZER 3" = 1'-0" | **16**



SEALED PIPE FLASHING 1 1/2"=1'-0" | **12**

NOT USED 3" = 1'-0" | **8**

HAROLD DANIEL HUTTER III
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KFC

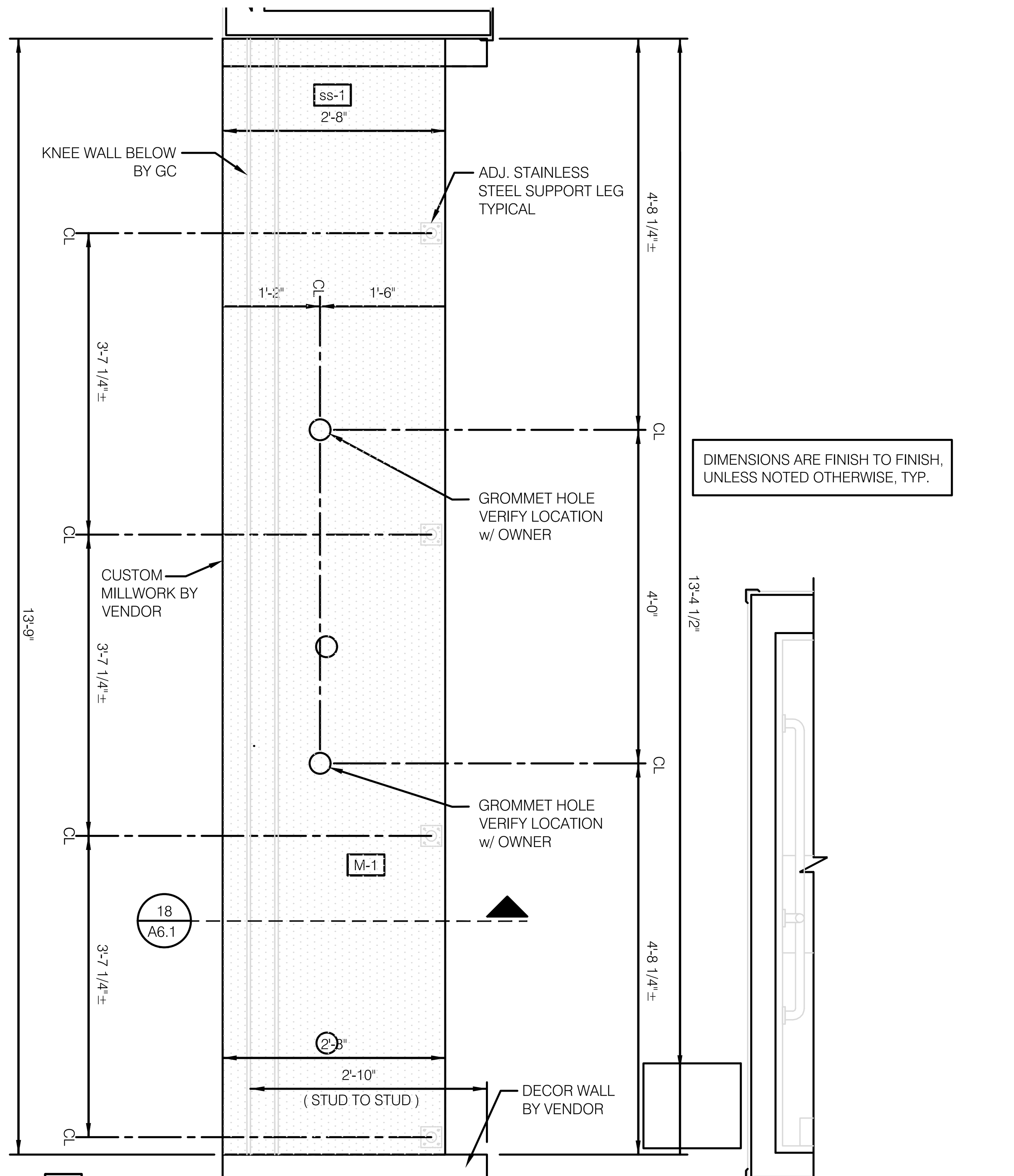
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

CONSTRUCTION DETAILS

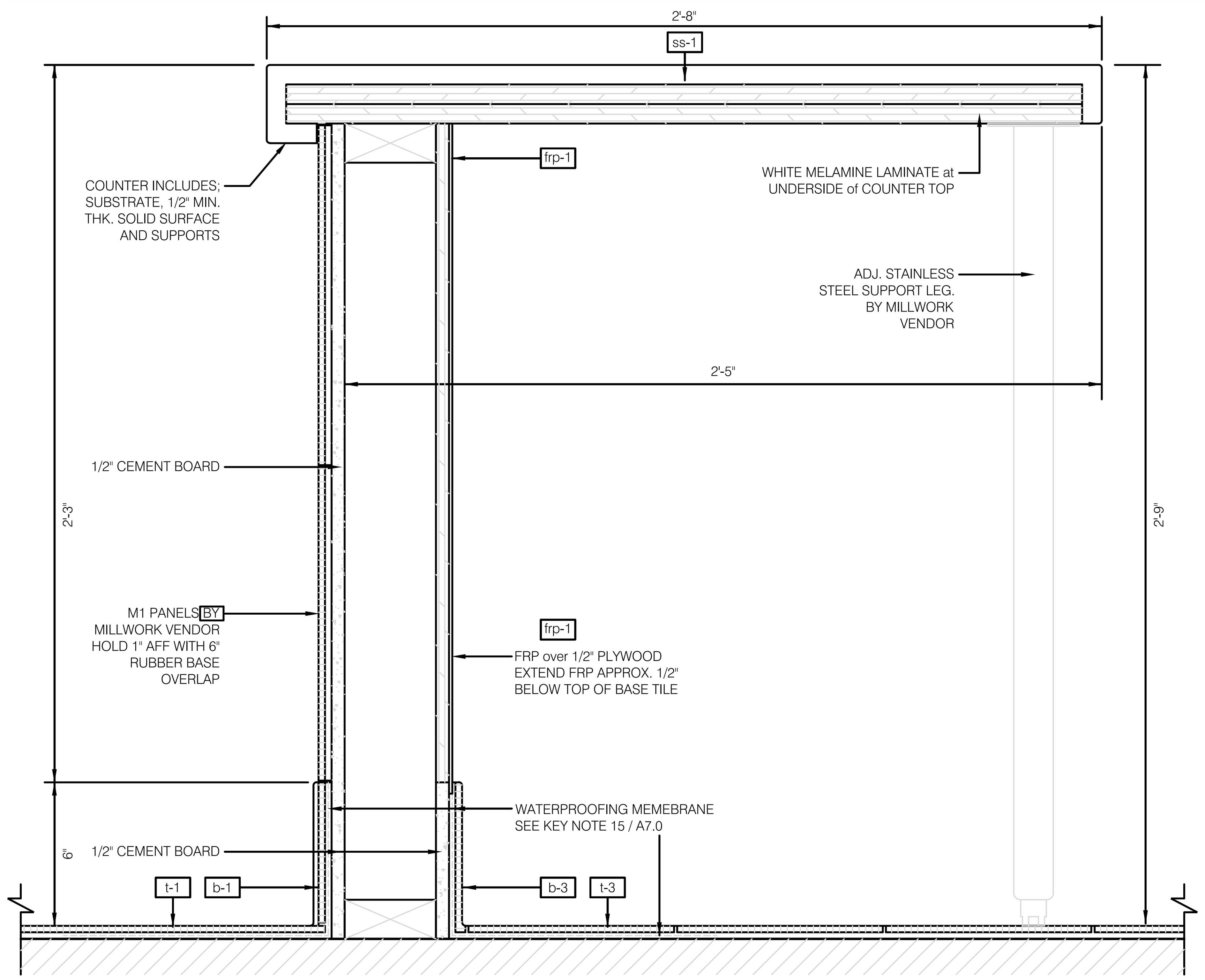
A6.0

PLOT DATE: --/--/2020



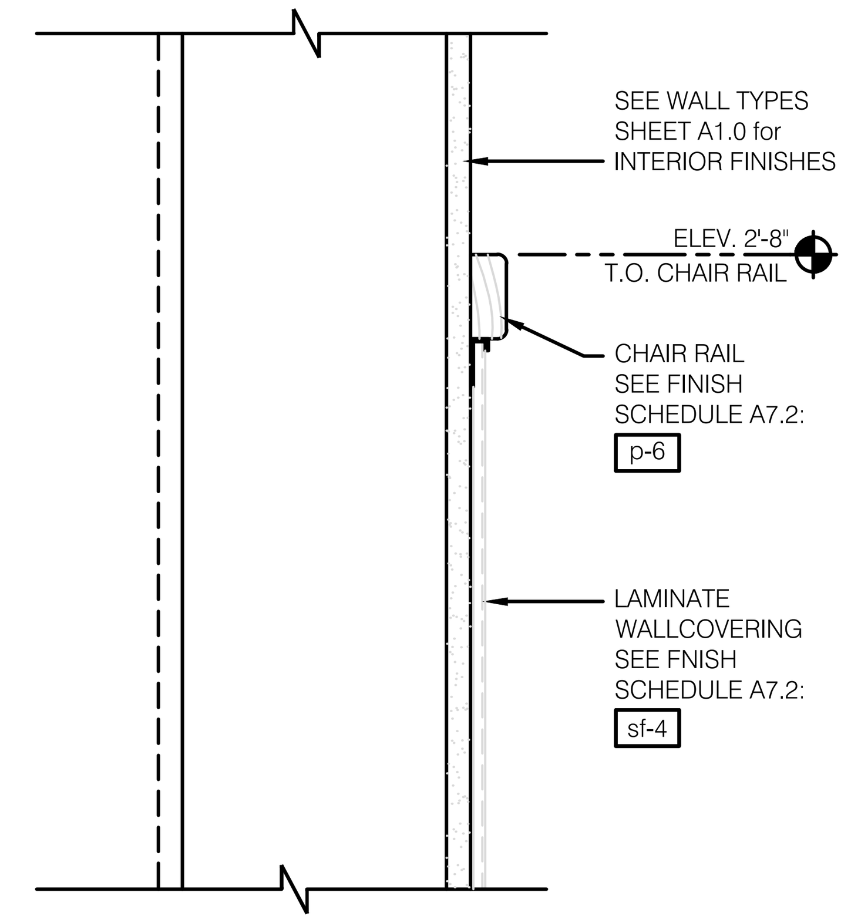
REFER TO FINISH SCHEDULE, SHEET A7.2: ss-1

CUSTOMER COUNTER PLAN 3/4" = 1'-0" | 14

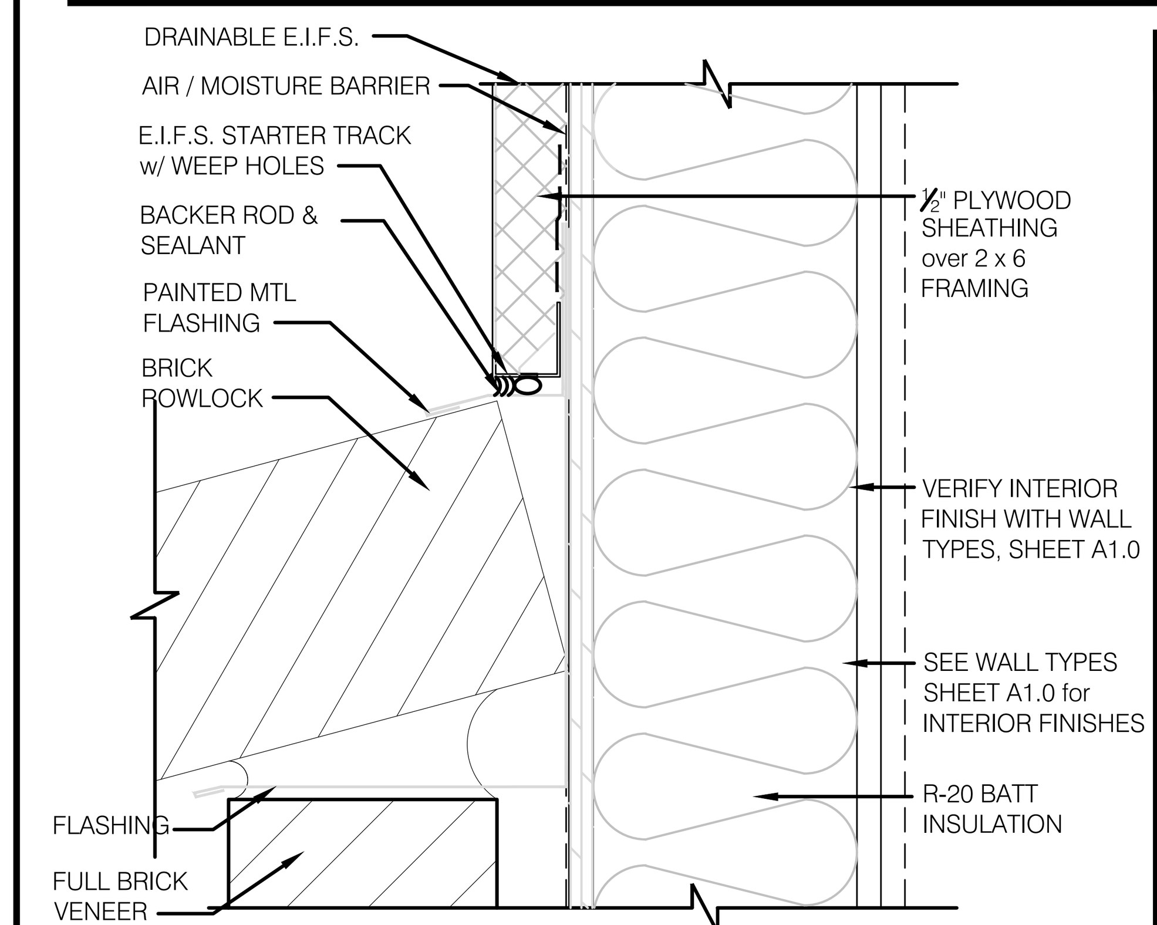


REFER TO FINISH SCHEDULE, SHEET A7.2

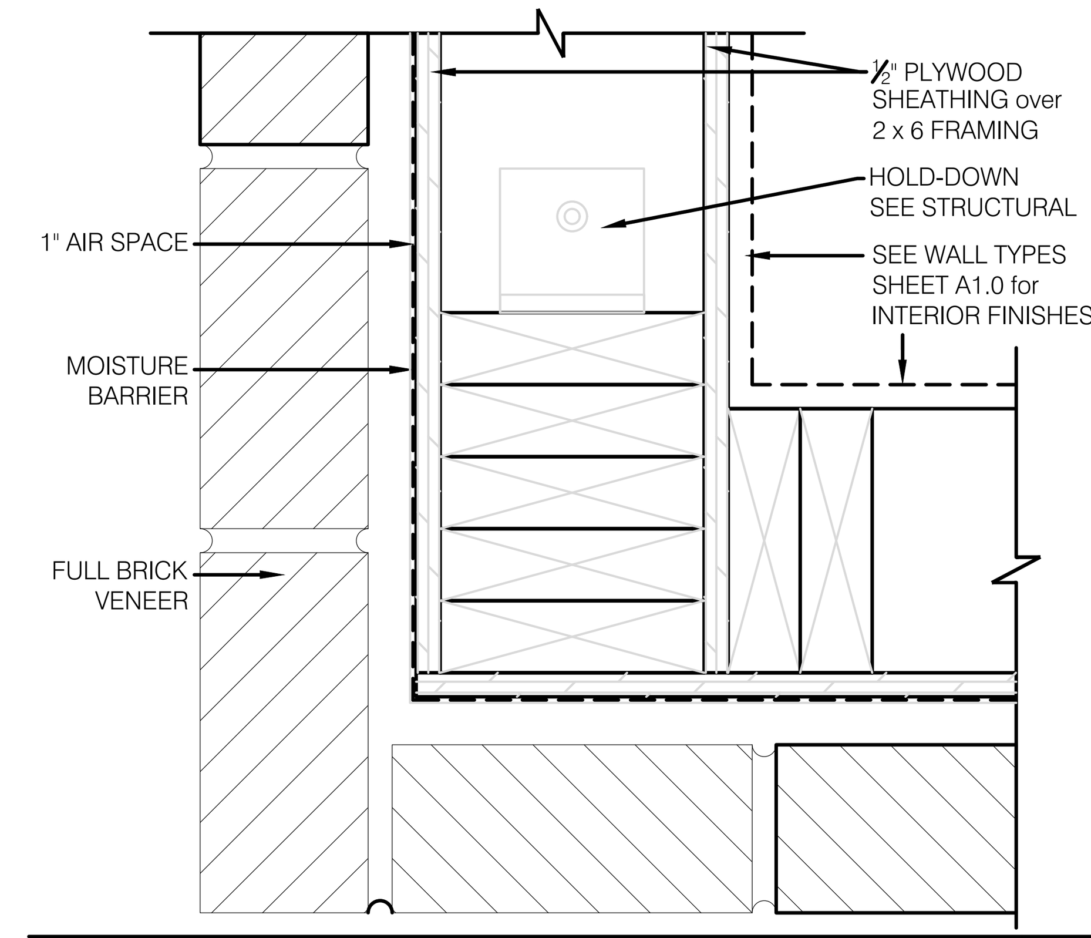
TYPICAL CUSTOMER COUNTER SECTION 3"=1'-0" | 18



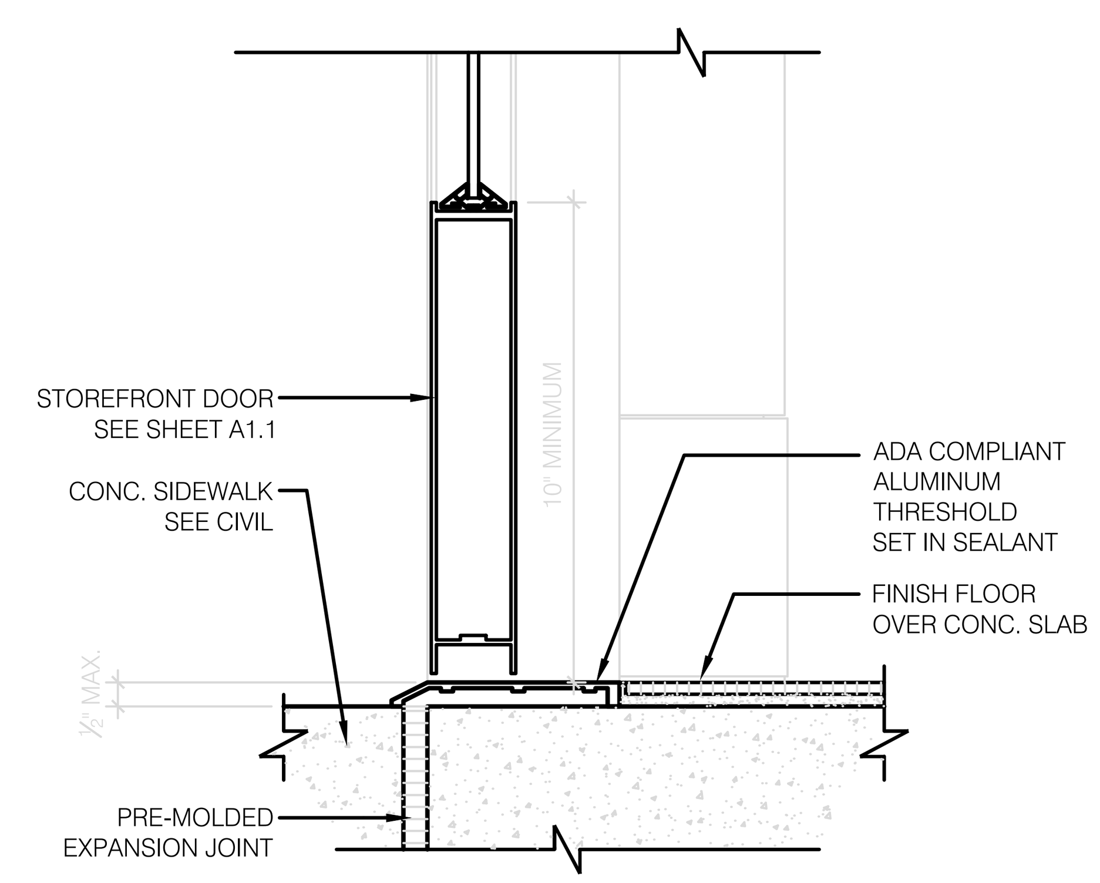
DINING ROOM CHAIR RAIL 3"=1'-0" | 9



E.I.F.S. to THIN BRICK TRANSITION 3"=1'-0" | 10

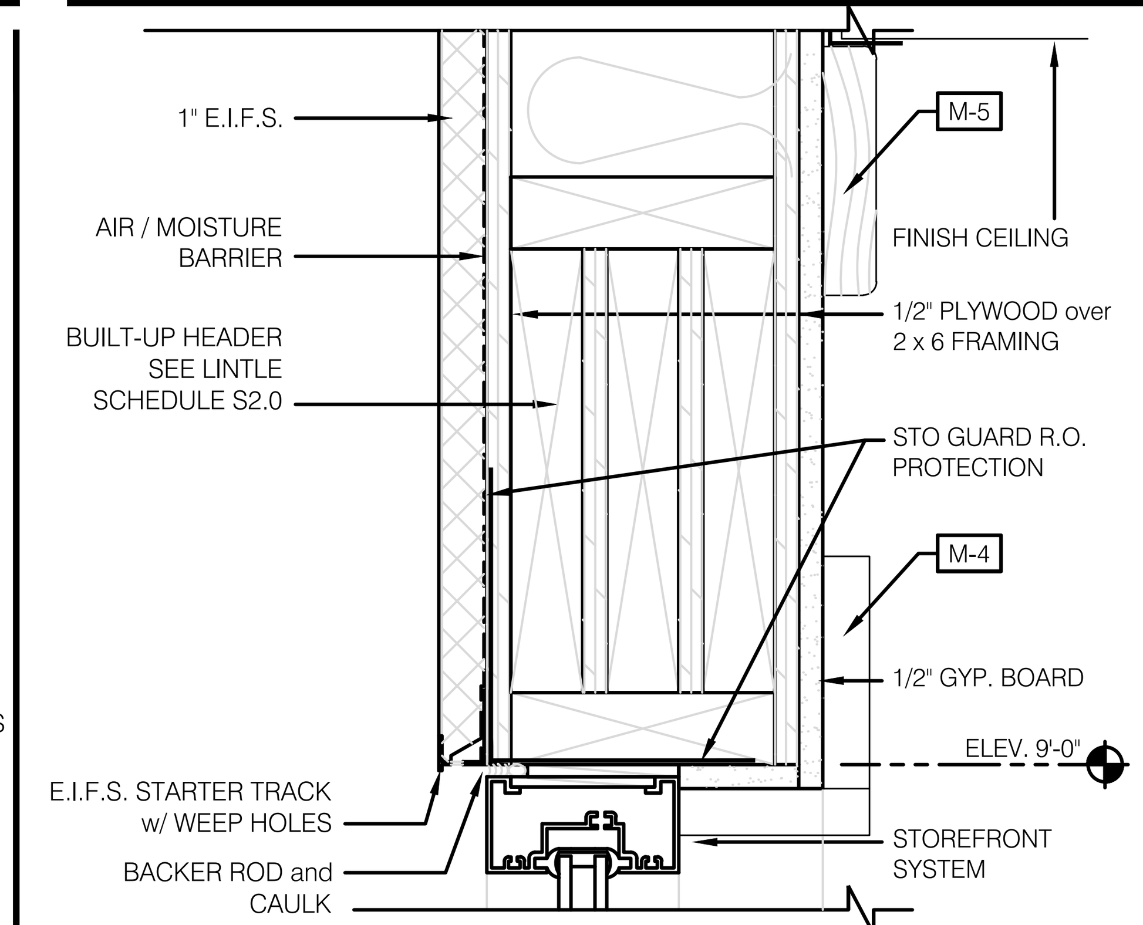


TYPICAL THIN BRICK CORNER 3" = 1'-0" | 11

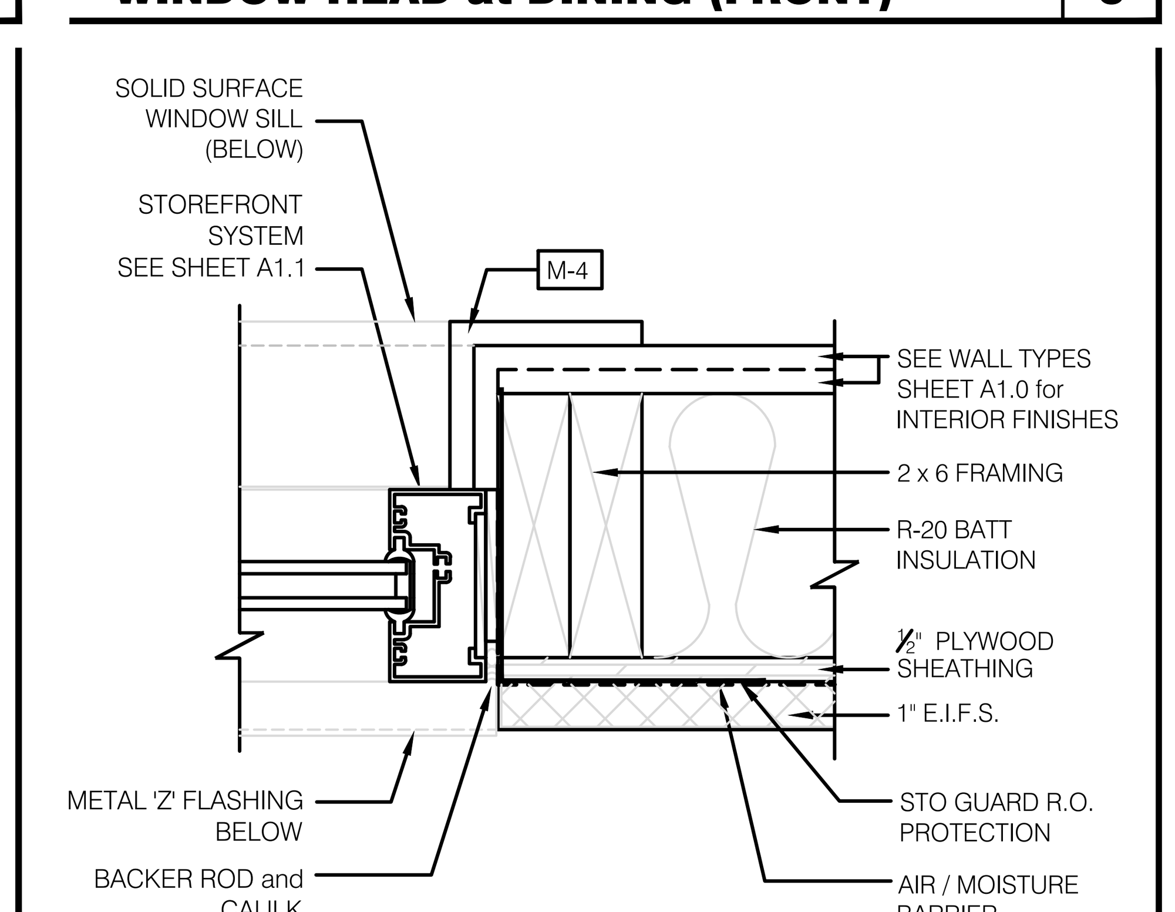


THRESHOLD at STOREFRONT DOOR 3"=1'-0" | 12

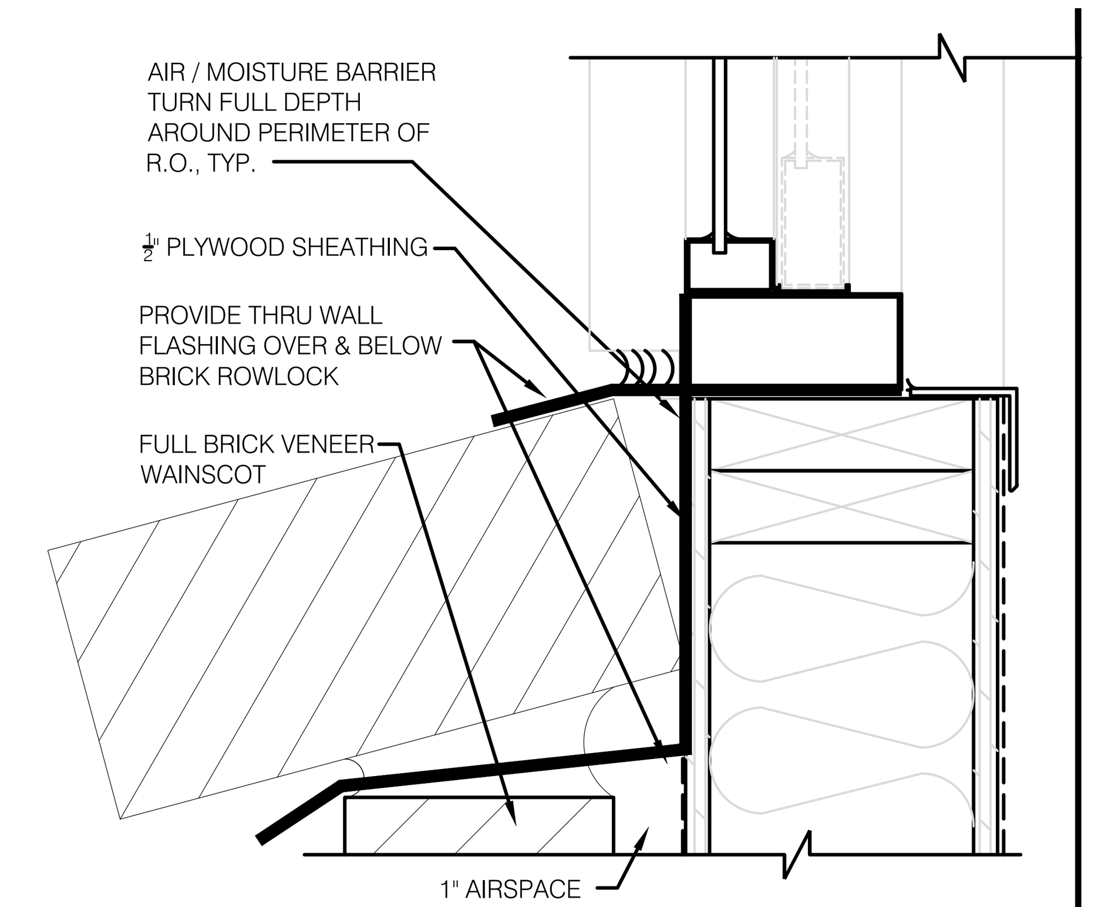
NOT USED | 5



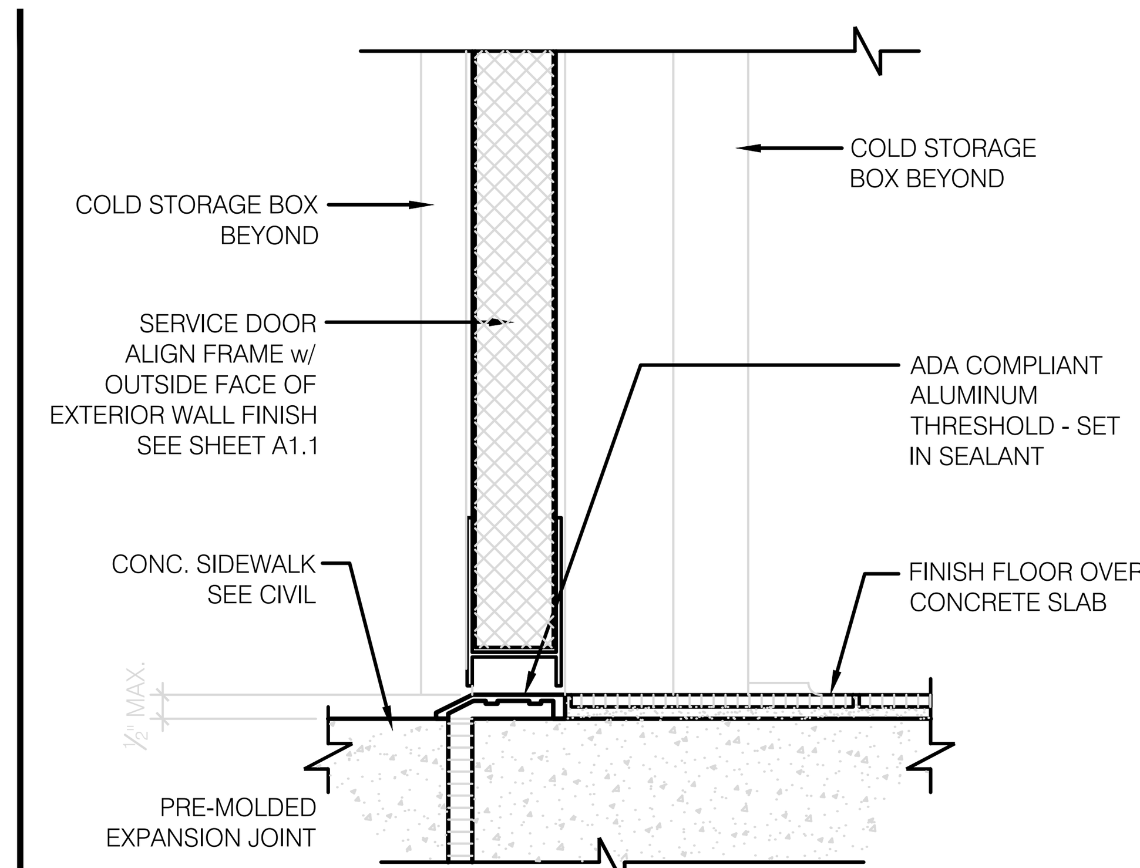
WINDOW HEAD at DINING (FRONT) 3" = 1'-0" | 6



WINDOW JAMB (TYPICAL) 3"=1'-0" | 7

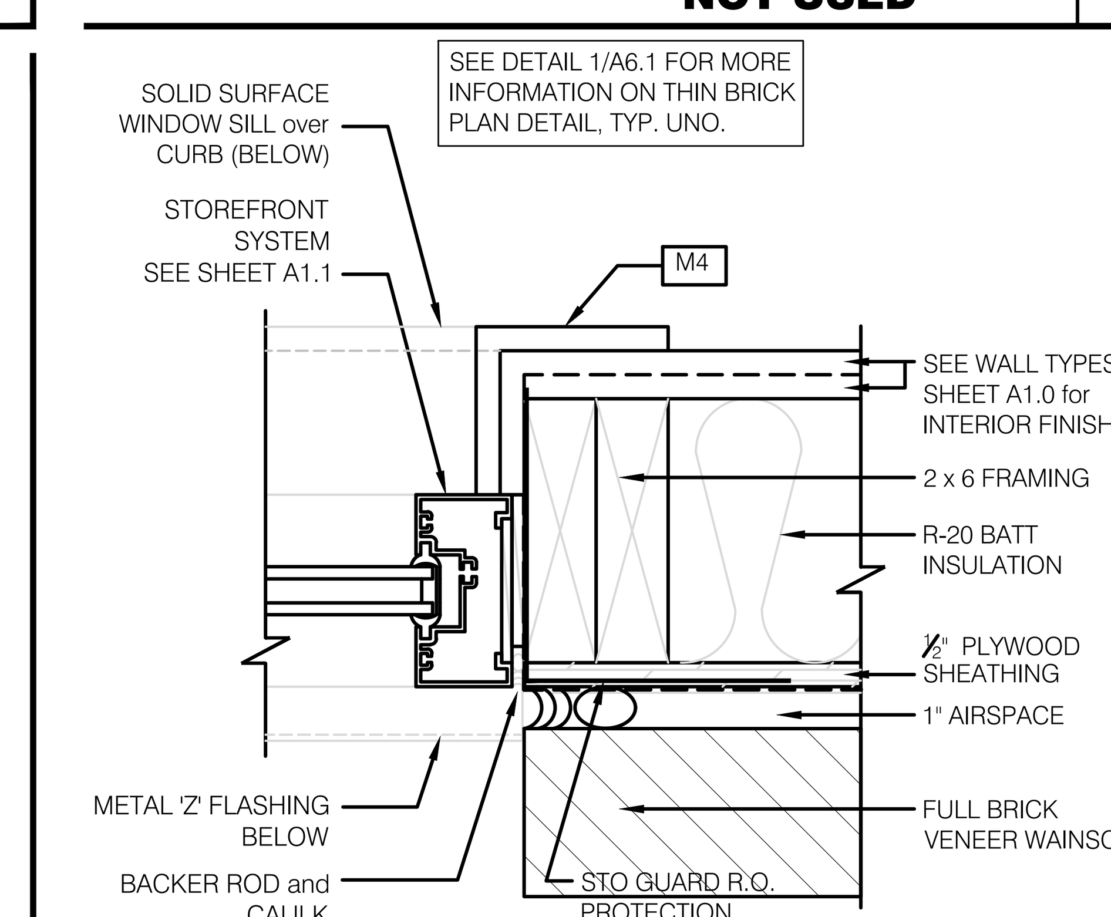


WINDOW SILL at DRIVE THRU 3"=1'-0" | 8

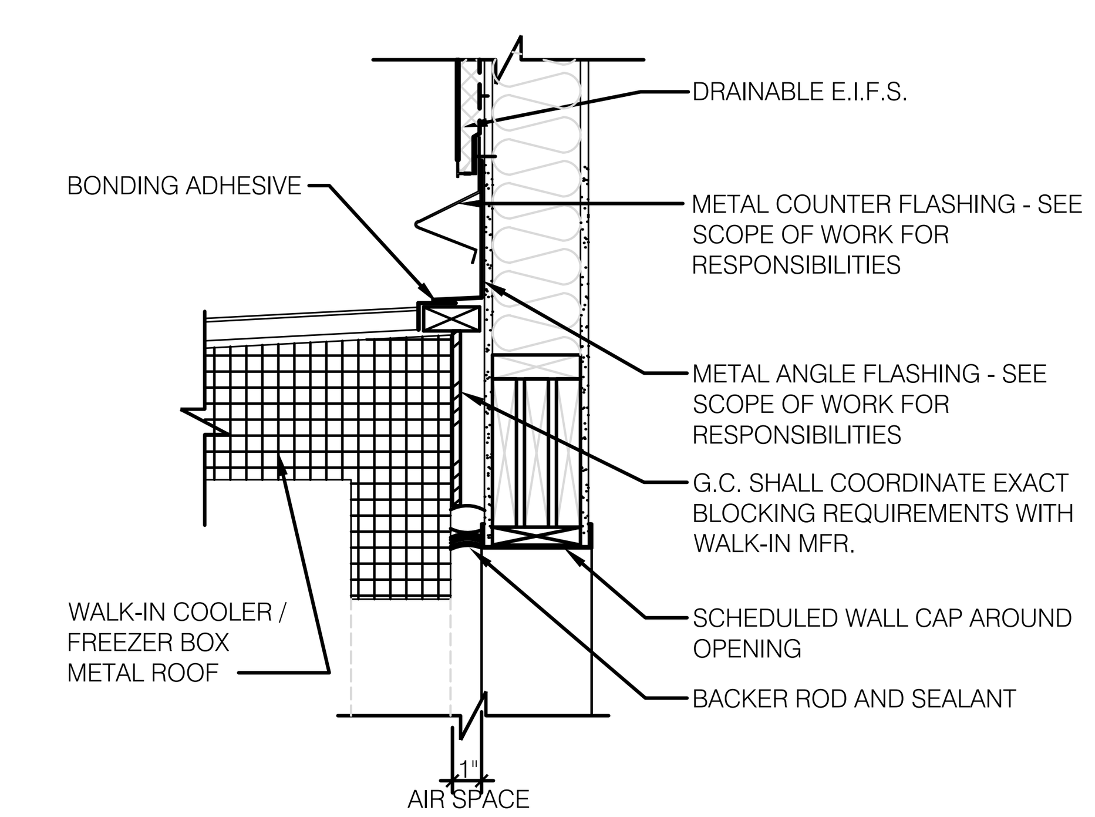


THRESHOLD at SERVICE DOOR 3"=1'-0" | 1

NOT USED | 2



WINDOW JAMB (TYPICAL) 3"=1'-0" | 3



FLASHING AT TOP OF WALK-IN | 4

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HAROLD DANIEL HUTTER III
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PLAN SET REVISIONS:

CONTRACT DATE:	.-..-2019
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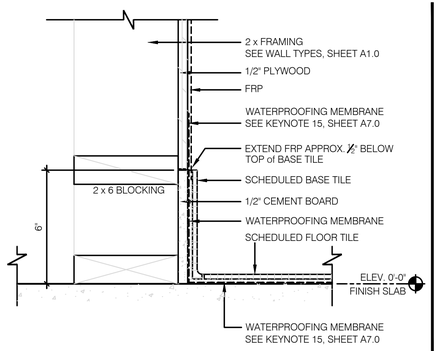
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

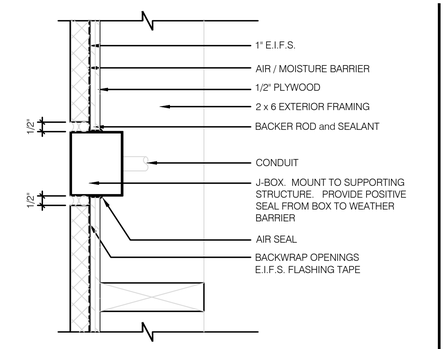
CONSTRUCTION DETAILS

A6.1

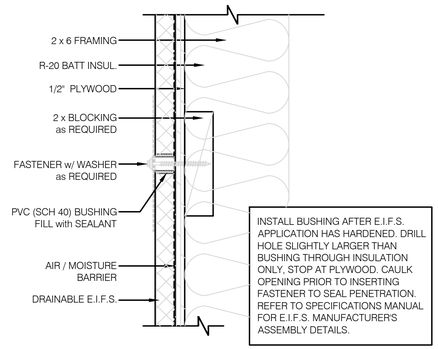
PLOT DATE: --/--/2020



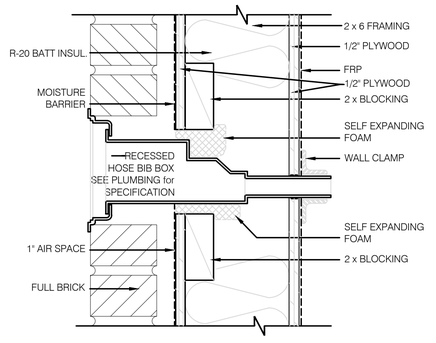
BASE at INT. PARTITION (KITCHEN) 3" = 1'-0" | **17**



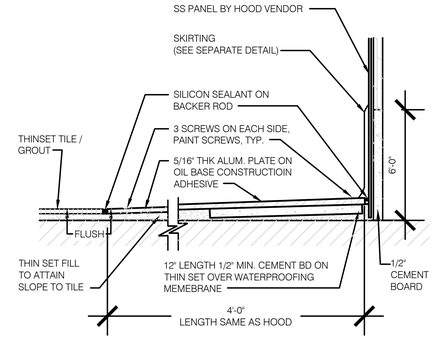
J-BOX thru E.I.F.S. 3" = 1'-0" | **13**



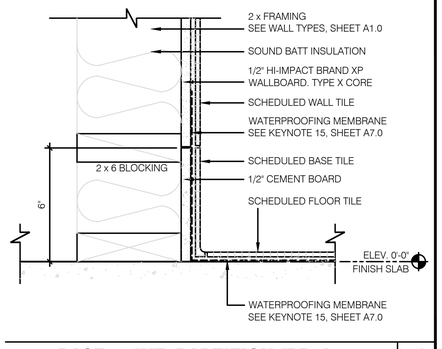
CONNECTION thru E.I.F.S. 3" = 1'-0" | **9**



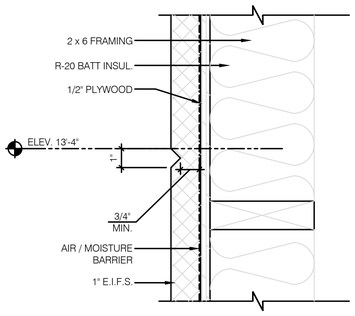
HOSE BIB 3" = 1'-0" | **5**



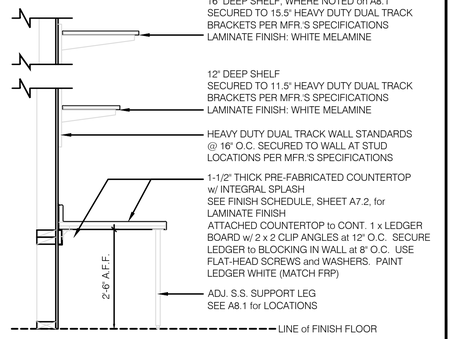
ALUM. FLR. PLATE DETAIL N.T.S | **1**



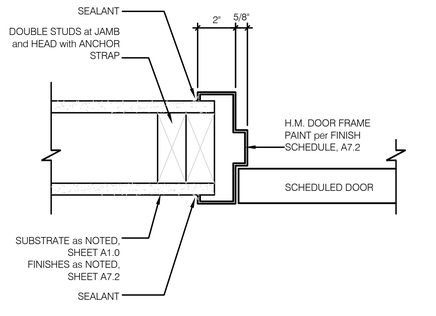
BASE at INT. PARTITION (RR's) 3" = 1'-0" | **18**



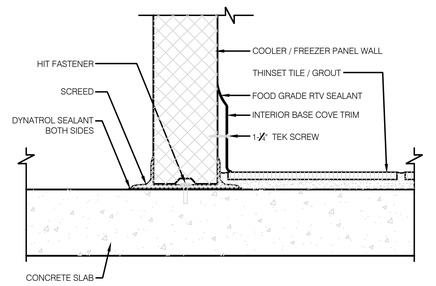
V-GROOVE in E.I.F.S. 3" = 1'-0" | **14**



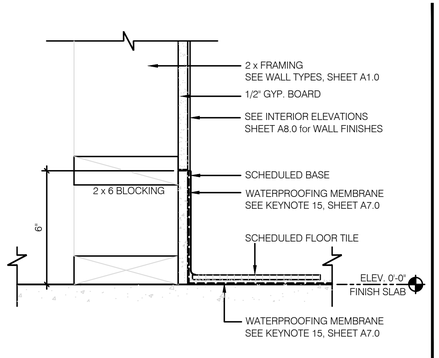
OFFICE COUNTER and SHELVING 3/4" = 1'-0" | **10**



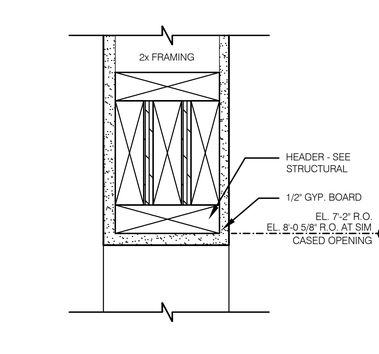
JAMB at H.M. DOOR (HEAD SIM.) 3" = 1'-0" | **6**



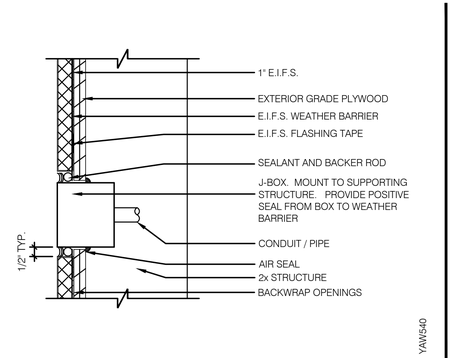
TILE & BASE at WALK-IN COOLER/FREEZER N.T.S. | **2**



BASE at INT. PARTITION (DINING) 3" = 1'-0" | **19**

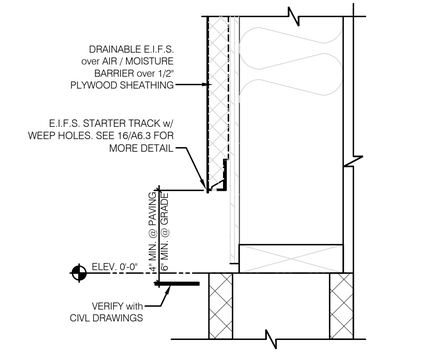


CASED OPENING DETAIL 3" = 1'-0" | **15**

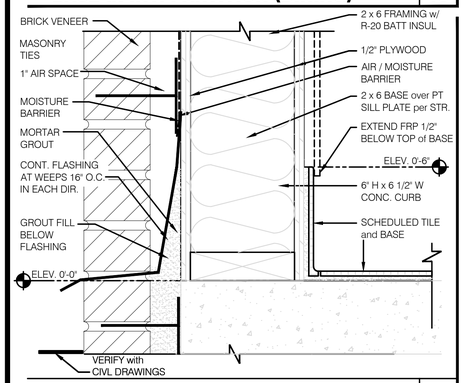


CO2 FILL / J-BOX IN EIFS 3" = 1'-0" | **11**

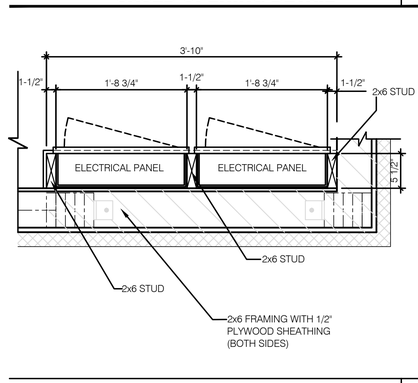
NOT USED 3" = 1'-0" | **7**



E.I.F.S. TERMINATION AT GRADE 3" = 1'-0" | **3**

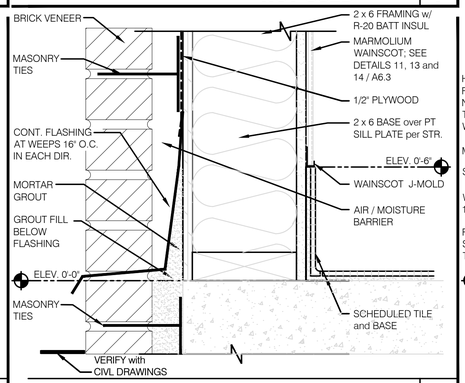


BASE at KITCHEN (SIDE and REAR) 3" = 1'-0" | **20**

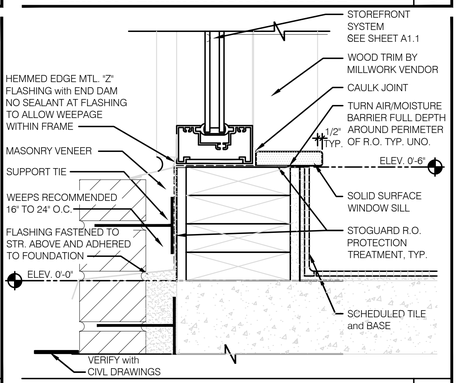


ELECTRICAL PANELS 1" = 1'-0" | **16**

NOT USED 3" = 1'-0" | **12**



BASE at DINING (SIDE) 3" = 1'-0" | **8**



WINDOW SILL on CURB (SIDE) 3" = 1'-0" | **4**

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

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CONTRACT DATE:	-.-.-2019
BUILDING TYPE:	Kb 30-19
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ENTITY NUMBER:	
STORE NUMBER:	
LIS PROJECT;	2019-304

KFC

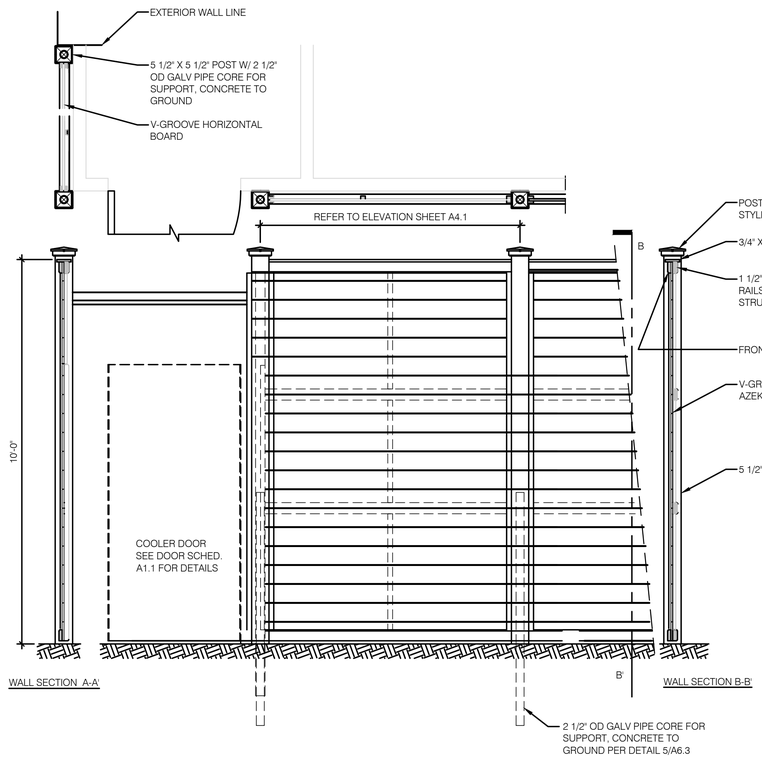
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

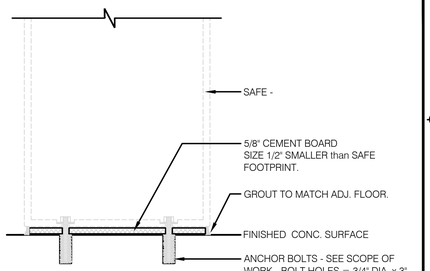
CONSTRUCTION DETAILS

A6.2

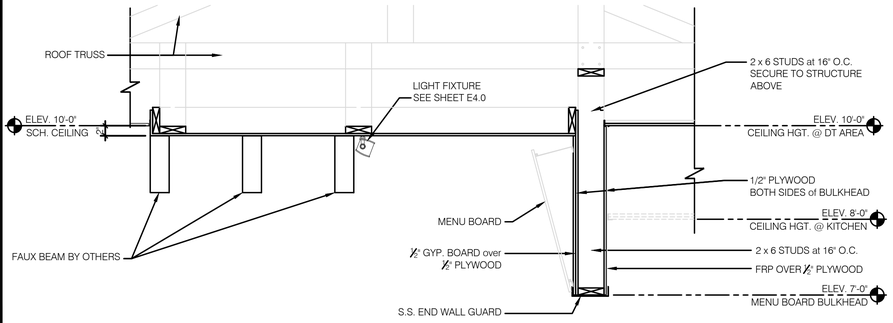
PLOT DATE: --/--/2020



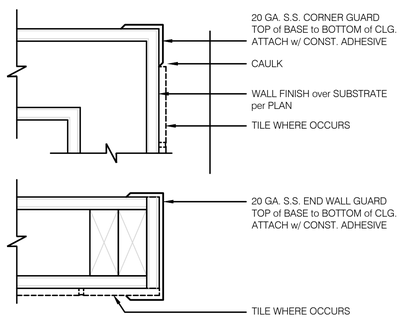
UTILITY FENCE DETAILS N.T.S. | **14**



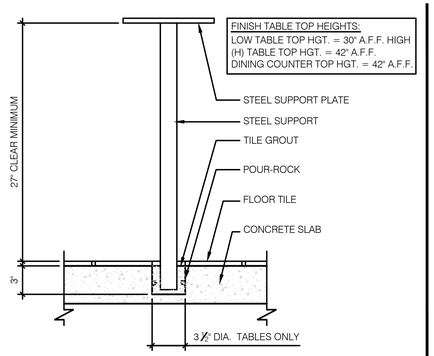
SAFE PEDESTAL 1-1/2" = 1'-0" | **9**



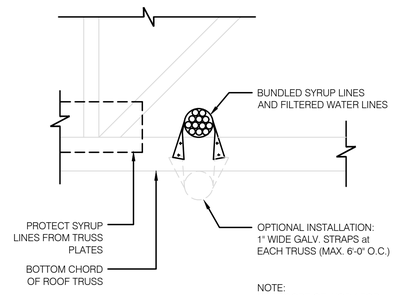
SECTION at MENU BOARD 3/4" = 1'-0" | **1**



CORNER GUARD 3" = 1'-0" | **10**

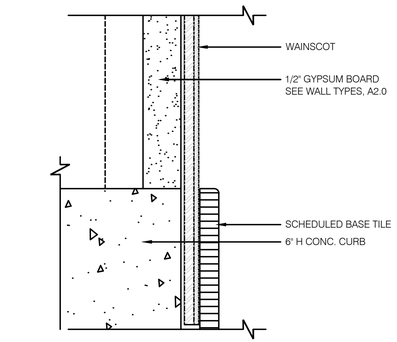


CORE DRILL 1-1/2" = 1'-0" | **6**

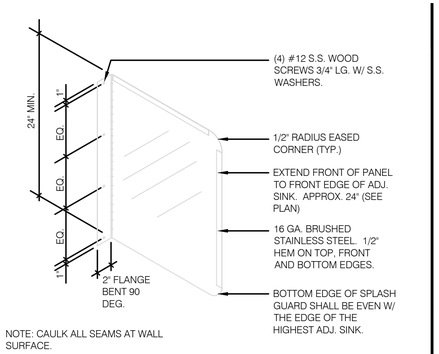


SYRUP LINE IN CEILING N.T.S. | **2**

ENLARGED FENCE ELEVATION N.T.S. | **15**

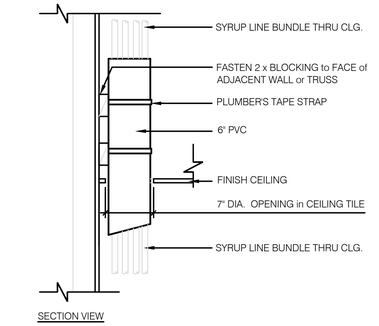


WC TRIM TERMINATION @ BASE N.T.S. | **11**



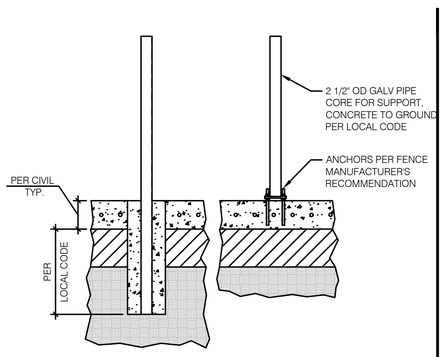
NOTE: CAULK ALL SEAMS AT WALL SURFACE.

SPLASH GUARD N.T.S. | **7**

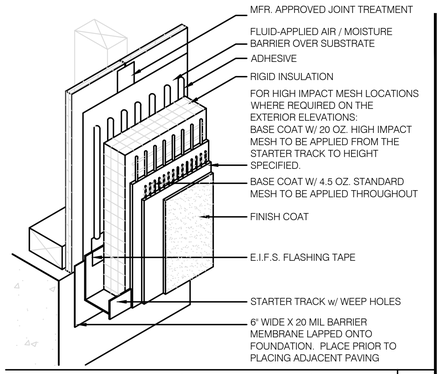


SECTION VIEW

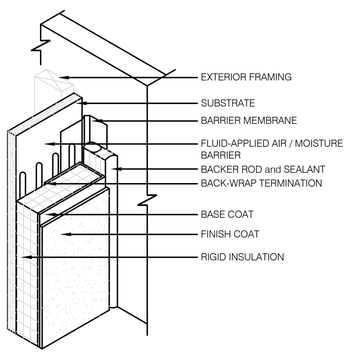
SYRUP BUNDLE CLG. PENETRATION N.T.S. | **3**



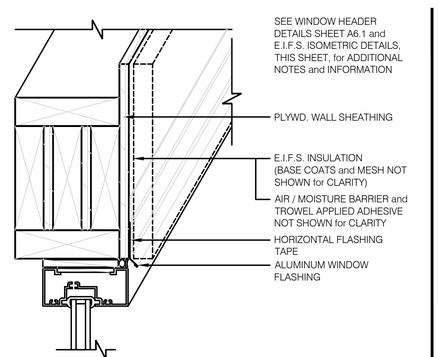
FENCE FOUNDATION DETAILS N.T.S. | **20**



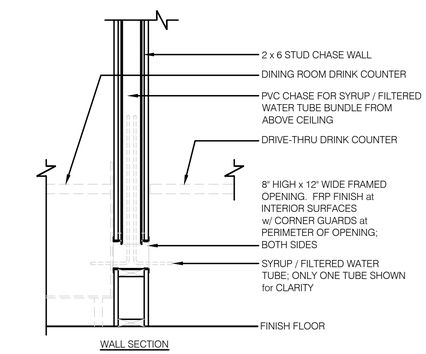
TYP. E.I.F.S. BASE TERMINATION N.T.S. | **16**



TYP. E.I.F.S. @ INSIDE CORNER N.T.S. | **12**



TYP. E.I.F.S. FLASHING TAPE N.T.S. | **8**



WALL SECTION

SYRUP CHASE IN WALL N.T.S. | **4**

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HAROLD DANIEL HUTTER III
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LIS PROJECT;	2019-304

KFC

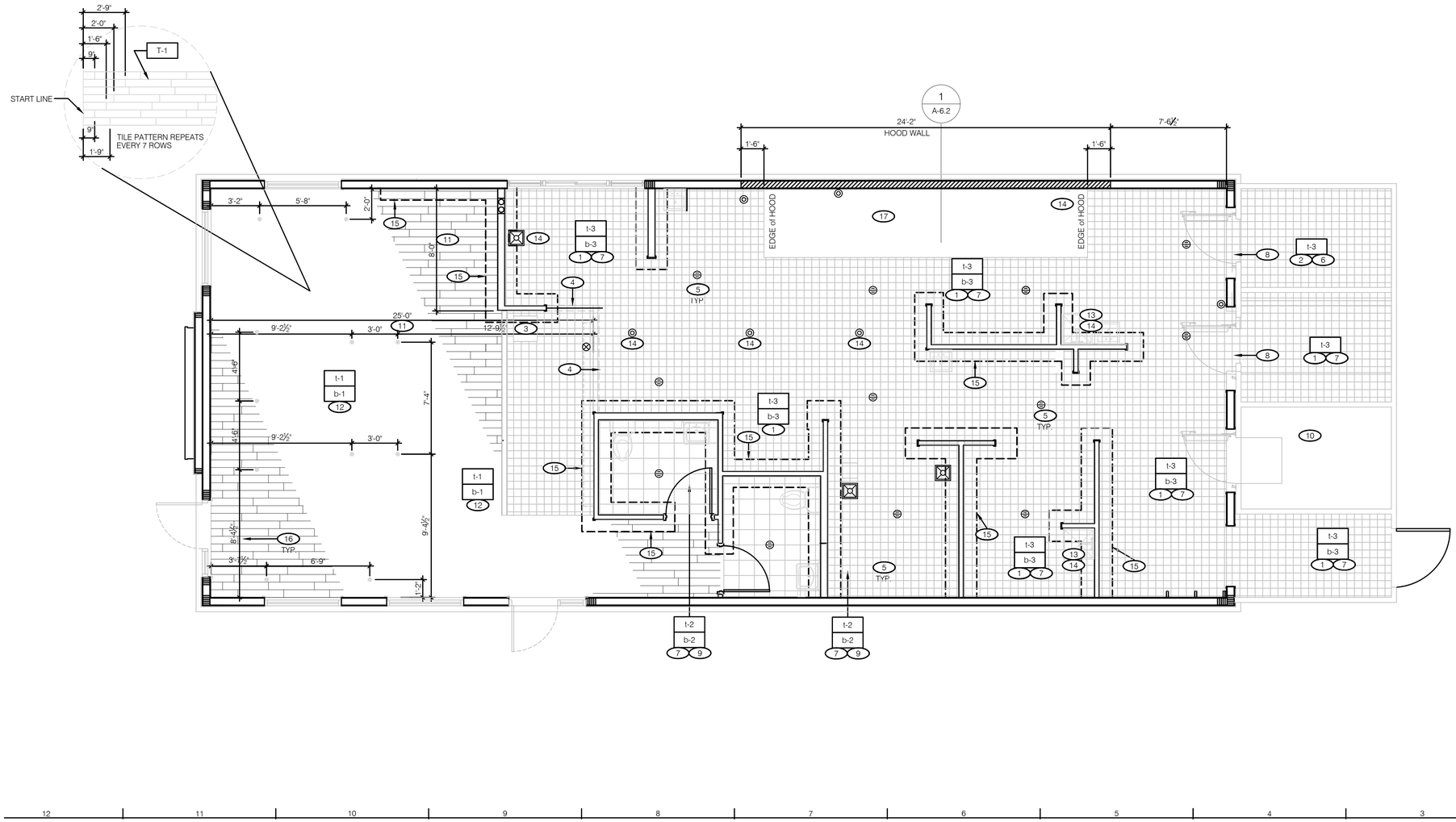
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

CONSTRUCTION DETAILS INTERIOR FINISH

A6.3

PLOT DATE: --/--/2020



FLOOR FINISH PLAN 1/4" = 1'-0" A

NOT USED N.T.S. F

NOT USED N.T.S. E

FINISH NOTES D

A. ▭ DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.

B. TILE JOINTS (U.O.N.):
   1. QUARRY FLOOR TILE : 1/4"
   2. GLAZED WALL TILE : 1/8"
   3. BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS

C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS, AND BULLNOSE AT TOP OF TILE WAINSCOT (RESTROOM WALL).

D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS, U.O.N.

E. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.

G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING WILL NOT BE ACCEPTED.

KEY NOTES B

1. 6" SANITARY COVE TILE BASE (BACK OF HOUSE). SEE DETAILS 17, 20 / A6.2.
2. PROVIDE FLOOR TILE INSIDE WALK-IN COOLER & STORAGE. FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH WALK-IN WALL CONFIGURATION.
3. PLATFORM FOR SAFE. SEE DETAIL 9 / A6.3.
4. FLOOR TILE SHALL TRANSITION FROM DINING ROOM to KITCHEN SHALL BE FLUSH.
5. CUT / SLOPE TILE TO DRAIN.
6. METAL BASE IN COOLER; SEE SCOPE OF WORK AND DETAIL E, THIS SHEET.
7. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS / SLOT DRAIN.
8. FLOAT FLOOR TILE TO MEET COOLER & STORAGE FLOORS FLUSH. COORDINATE WITH COOLER & STORAGE THRESHOLD INSTALLATION.
9. SANITARY COVE TILE BASE (RESTROOMS). SEE DETAIL 18 / A6.2.
10. FACTORY FLOOR FINISH (GALV. STL.) w/ INTEGRAL COVE BASE AND BUILT-IN INTERNAL RAMP IN WALK-IN FREEZER.
11. DIMENSION STRING REPRESENTS LINE OF FoH -to- BoH FLOOR TILE TRANSITION.
12. 6" COVE TILE BASE (DINING ROOM). SEE DETAILS 8, 16, 19 / A6.2.
13. OMIT TILE AND BASE AT MOP SINK LOCATIONS.
14. OMIT TILE AT FLOOR SINK / HUB DRAIN LOCATIONS.
15. REDGUARD WATERPROOFING MEMBRANE, TYPICAL AT BASE OF INTERIOR PARTITION WALLS; ROLLER, TROWEL OR SPRAY APPLIED. COORDINATE INSTALLATION WITH FLOOR / BASE TILE MFR.

    9" HORIZONTAL APPLICATION / 9" VERTICAL APPLICATION; UNLESS NOTED OTHERWISE.

    NOTES:

    A. ELIMINATE VERTICAL APPLICATION AT COOLER / FREEZER PANEL WALLS AND MOP SINK LOCATIONS; i.e., NO CERAMIC BASE TILE and/or NO FRP WALL FINISH. SEE SHEETS A8.1, A8.2 and A8.3.

    B. TERMINATE VERTICAL APPLICATION 6" ABOVE SLAB AT DINING ROOM SIDE OF APPLICABLE PARTITION WALLS; i.e., NO WAINSCOT WALL FINISH and/or NO WALL TILE FINISH. SEE SHEET A8.0.

16. CLIP DOWN LOCATIONS FOR SEATING / DECOR PACKAGE. PRIOR TO PERFORMING WORK. SEE SHEET A2.0.
17. ALUMINUM FLOOR PLATE. SEE F/A7.0 FOR SECTION DETAIL. SIZE TO MATCH HOOD ABOVE FOR FRONT AND 2 SIDES. EXTEND REAR END TO WALL BEHIND.

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KFC

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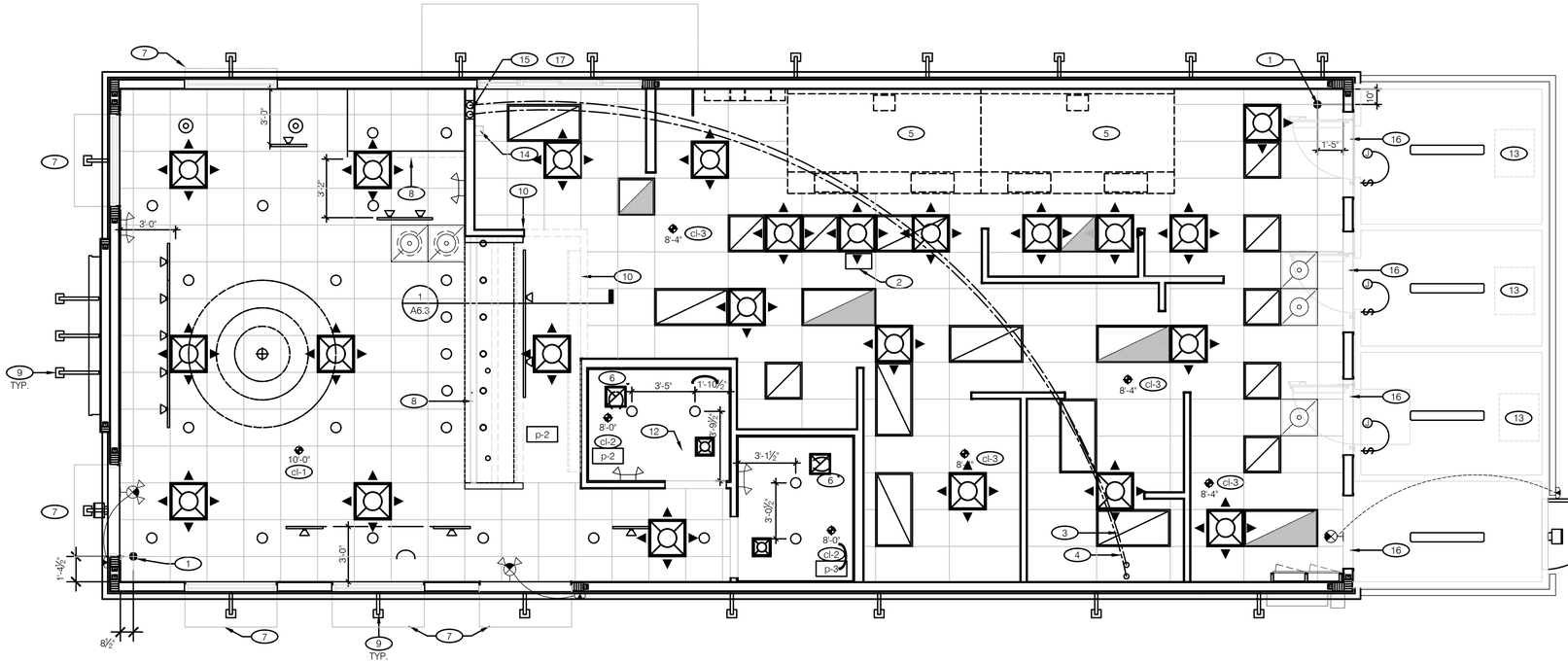
Kb 30-19

FLOOR FINISH PLAN

A7.0

PLOT DATE: --/--/2020



12 11 10 9 8 7 6 5 4 3 2 1

REFLECTED CEILING PLAN 1/4" = 1'-0" **A**

NOT USED **F**

CEILING SYMBOL LEGEND **E**

- 2'-0" x 2'-0" LED LIGHT FIXTURE
- 2'-0" x 4'-0" LED LIGHT FIXTURE
- DOWNLIGHT @ WALK-IN (BY WALK-IN MFR.)
- PENDANT FIXTURE
- DOWNLIGHT
- EMERGENCY LIGHTS
- EXIT LIGHT (WALL MOUNTED)
- EXIT LIGHT (CEILING MOUNTED)
- DIRECTIONAL FIXTURE TRACK MOUNTED
- EXTERIOR WALL FIXTURE
- SPEAKER
- 12" EXHAUST FAN
- HVAC RETURN GRILLE
- HVAC SUPPLY DIFFUSER
- HVAC SUPPLY DIFFUSER
- HVAC PERFORATED SUPPLY DIFFUSER
- BACK DOOR SECURITY STROBE LIGHT
- DIRECTIONAL FIXTURE CEILING MOUNTED

REFLECTED CEILING PLAN NOTES **D**

DIMENSIONS:
A. ALL DIMENSIONS ARE FROM FACE OF FINISH WALL TO ℄ OF FIXTURES; U.O.N.

CEILING FINISHES:
A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES.

SUSPENDED CEILING:
A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.
B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.
C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS, 2° MAX.
D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK.
E. SEE SPECS FOR ADDITIONAL INFORMATION.

GYPSUM BOARD CEILING:
A. SUBSTRATE SHALL BE 1/2" THICK GYP BD.

ELECTRICAL:
A. SEE ELECT. DWGS. FOR FIXTURE SCHED.

GENERAL NOTES:
A. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAM FOR SEALANT.

KEY NOTES **B**

1. CEILING GRID STARTING POINT.
2. PACK LINE S.S. VERTICAL CHASE THRU CEILING; BY GENERAL CONTRACTOR.
3. SYRUP / FILTERED WATER TUBE BUNDLES FOR DRINK SYSTEM. SEE DETAILS 2 and 3 / A6.3. SEE SCOPE OF WORK.
4. 6" DIA PVC STUB THROUGH CEILING, SEE DETAIL 3 / A6.3.
5. HOOD. SEE <E-241> SHEET A2.1.
6. SEE AIR DEVICE SCHEDULE FOR ROUGH FRAMING OPENINGS (TYP. AT RESTROOMS).
7. AWNING INSTALLED BY SIGN VENDOR; SEE SCOPE OF WORK.
8. FAUX BEAM BY VENDER REFER TO 1 / A6.3 FOR ASSEMBLY DETAILS.
9. EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECT. DWGS.
10. BOTTOM OF MENU BOARD BULKHEAD AT 7'-0" A.F.F. SEE DETAIL 1 / A6.3.
11. SPEAKER.
12. BUCKET PENDANT LIGHTING & SUSPENDED RING ELEMENT
13. FAN COIL ABOVE.
14. 6" X 6" STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES: CEILING TO TOP OF ICE MACHINE; BY GENERAL CONTRACTOR.
15. SYRUP / FILTERED WATER TUBE BUNDLES CHASE IN WALL. SEE DETAIL 4 / A6.3.
16. BOTTOM OF BULKHEAD at 7'-0" A.F.F. ⅝" GYP. BOARD OVER 6" METAL FRAMING. REFER TO 1 / A6.3 FOR SIMILAR ASSEMBLY DETAILS.
17. CANOPY INSTALLED BY SIGN VENDOR

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Kb 30-19

REFLECTED CEILING PLAN

A7.1

PLOT DATE: --/-/2020

ARTWORK

REF.	DESCRIPTION	SELECTION	
G1	"KITCHEN AND STARS" ART WORK	X	
G2	CHALK BOARD MESSAGE	X	
G3	REAL MEAL GUARANTEE	X	
G4	SECRET PROCESS	X	
G5	PEPSI "FILLING STATION"	X	
G6	FOCAL WALL ART	X	
G7___	POSTER ARTWORK	X	Ah. SOUTHERN INSPIRED
		X	Bh. SANDERS FOR SENATOR
		X	Ch. COLONEL 101
		X	Dh. NO 1 CHICKEN SALESMEN
		X	Dh. PRESSURE COOKER (opp. side)
		X	Ch. SECRET RECIPE (opp.side)
		X	Bh. 4000 STATUES (opp. side)
		X	Ah. BUCKET LIST (opp.side)
G7	POSTER ARTWORK HANGING RAIL SYSTEM	X	TUBING & HANGING HARDWARE
		X	
G8	"THANKS" MESSAGE	X	
G9	STORE HOURS	X	A. ENTRY DOOR
		X	B. DT WINDOW
		X	C. SPEAKER POST
G10	RESTROOM SIGNS	X	A. WOMEN'S
		X	B. MEN'S
G11	COLONEL'S OFFICE SIGN	X	
G12	RESTROOM MIRROR MESSAGE	X	
G13	COMMUNITY BOARD	X	
G14	CONDIMENT ARROW	X	
G15	BOH ART	X	A. COMM. BOARD
		X	B. FAMILY PRIDE BOARD
		X	C. COLONEL PROUD BANNER
		X	D. COLONEL TIE MIRROR
		X	E. GREATEST CHICKEN COLLAGE
		X	F. SERVICE PROMISE SIGN

ARTWORK SCHEDULE B

1. INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
2. GALV STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.
3. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
4. FOR FINISH LOCATIONS REFER TO:
   SHEETS A4.0, A4.1, A4,2 - EXTERIOR ELEVATIONS
   SHEET A7.0 - FLOOR FINISH PLAN
   SHEET A7.1 - REFLECTED CEILING PLAN
   SHEETS A8.0a, A8.0b, A8.1, A8.2, A8.3 - INTERIOR ELEVATIONS
5. APPROVED PAINT MANUFACTURERS:
   BENJAMIN MOORE.
6. ALL PAINTED SURFACES SHALL HAVE A SMOOTH TEXTURE.

GENERAL NOTES C

RESPONSIBILITY SCHEDULE

RESPONSIBILITY SCHEDULE

DESCRIPTION	PROVIDED BY:	INSTALLED BY:	COMMENTS
EXTERIOR			
Roof Access Ladder	GC	GC	
Door - Security	GC	GC	
Air Curtain (DT Window)	DIS	GC	
Air Curtain (Service Door)	DIS	GC	
Exterior Menu Board Cabinet	RSCS	GC	
Exterior Menuboard	RSCS	OPS	
Exterior Signage (building, road and directional)	RSCS	GC	
Awnings	RSCS	Manufacturer	
Drive Thru Window	RSCS	GC	
Drive Thru Clearance Bar	RSCS	GC	
Drive Thru Sensor Loops	RSCS	GC	
Order Confirmation Board	RSCS	GC	
Exterior Trash Receptacles	RSCS	GC	
EQUIPMENT			
Kitchen Equipment	RSCS	GC	
Walk-In Cooler/Freezer	RSCS	GC	
Exhaust Hoods	RSCS	GC	
Drink Dispensers/ Line Sets	RSCS	PEPSI	
Ice Machine	DIS	GC	
Office Computer	KFC/IT	PAR	or Local installer
POS	KFC/IT	PAR	or Local installer
Exhaust Fan - Make Up Air	RSCS	GC	
Fire Suppression System	RSCS	GC	
Interior Menuboards	RSCS	GC	
Iced Tea	DIS	GC	
CO2 - Bulk	DIS	Manufacturer	
Safe	Owner	BRINKS	
PAINTING & FINISHES			
Store Interior	RSCS	GC	
Artwork	RSCS	GC	
Floor and Wall Tile	GC	GC	
Millwork	RSCS	GC	
Furniture (Chairs, Tables & Booths)	RSCS	GC	
PLUMBING / RESTROOMS			
Hand Sinks	RSCS	GC	
Restroom Fixtures	RSCS	GC	
Grab Bars	RSCS	GC	
Mirrors	RSCS	GC	
Exhaust Fans	GC	GC	
Water Filter	RSCS	GC	
Water Heater	RSCS	GC	
Water Softener	RSCS	GC	
MECH			
HVAC - Test and Balance	GC	GC	
HVAC	GC	GC	National Account w/ TRANE
ELECTRICAL			
Switchgear	RSCS	GC	
Energy Management System	RSCS	GC	
Light Fixtures - Interior/Building	RSCS	GC	
Light Fixtures - Sites	RSCS	GC	Site Specfic
Lighting Control Panel - Exterior	RSCS	GC	
Exit Lighting	RSCS	GC	
Emergency Lighting	RSCS	GC	
Credit Card Payment System	KFC/IT	PAR	
Telephone Communications	Owner	Local	
Security System	Owner	GC	
Music System	KFC	Local	
CCTV	RSCS	Manufacturer	

PAINT

	DESCRIPTION	ALTERNATE / NOTE
p-1	MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: EXOTIC RED 2086-10 LOCATION: EXTERIOR NOTE: LOW LUSTRE (634)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110
p-2	MFR.: BENJAMIN MOORE TYPE: REGAL SELECT PAINT COLOR: WEDDING VEIL 2125-70 LOCATION: EXTERIOR NOTE: LOW LUSTRE (N401)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110
p-3	MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: BLACK HORIZON LOCATION: EXTERIOR NOTE: LOW LUSTRE (634)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110
p-4	MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: LaPALOMA GRAY 1551 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)	
p-6	MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: WEDDING VEIL 2125-70 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)	

FLOOR TILE

	DESCRIPTION	ALTERNATE / NOTE
t-1	MFR.: CMC TYPE: SANDERS COLOR: GOLD EXTRA GRIP SIZE: 6" X 36" GROUT: MAPEI ULTRAFLEX LFT	LOCATION: DINING; RANDOM PATTERN PER MANUF. RECOMMENDATION 3/16" GROUT JOINT; OR LFT RAPID MORTAR; MAPEI ULTRA COLOR PLUS/HICKORY
t-2	MFR.: CMC TYPE: SANDERS COLOR: GREY EXTRA GRIP SIZE: GROUT: MAPEI ULTRAFLEX LFT	LOCATION: RESTROOMS 3/16" GROUT JOINT; OR LFT RAPID MORTAR; MAPEI ULTRA COLOR PLUS/IRON
t-3	MFR.: DAL-TILE TYPE: SURETREAD QUARRY COLOR: RED OQ81 SIZE: 6" x 6" GROUT: MAPEI #47 CHARCOAL	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER

BASE TILE

	DESCRIPTION	ALTERNATE / NOTE
b-1	MFR.: JOHNSONITE TYPE: MILLWORK WALL BASE MANDALAY COLOR: 20 CHARCOAL SIZE: 6" TOELESS - .375" w X 6" h	LOCATION: DINING ROOM BASE
b-2	MFR.: CMC TYPE: SANDERS PATINA COLOR: NATURAL FINISH SIZE: 6" X 12" GROUT: MAPEI ULTRAFLEX LFT	LOCATION: RESTROOMS 3/16" GROUT JOINT OR LFT RAPID MORTAR; MAPEI ULTRA COLOR PLUS/IRON
b-3	MFR.: DALTILE TYPE: SANITARY COVE COLOR: MATCH (t-3) FLOOR TILE SIZE: 5" x 6" GROUT: MAPEI #47 CHARCOAL	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER

WALL TILE

	DESCRIPTION	ALTERNATE / NOTE
wt-1	MFR.: CMC TYPE: COLOR: WHITE MATTE SIZE: 4" X 8" X 1/6" GROUT GROUT: MAPEI 19 PEARL GRAY	LOCATION: RESTROOMS NOTE: SEE TILE SUPPLIER CONTACT INFORMATION, THIS SHEET
wt-2	MFR.: CMC TYPE: COLOR: GREY MATTE SIZE: 4" X 12" X 1/6" GROUT GROUT: MAPEI 19 PEARL GRAY	LOCATION: MENU BOARD BULKHEAD AND SERVICE COUNTER WALLS

CEILINGS

	DESCRIPTION	
cl-1	MFR.: ARMSTRONG: FINE FISSURED, # 928; SQUARE EDGE TYPE: 24" x 24" COLOR: WHITE GRID: PRELUDE 1 STANDARD DUTY LOAD - WHITE EXPOSED TEE NOTE: FLAME SPREAD RATING 0-25, CLASS A	
cl-2	MFR.: GYPSUM BOARD TYPE: 1/2: THICK COLOR: SEE SHEET A7.1 NOTE: OVER 2x FRAMING AT 24" O.C. COORDINATE FRAMING WITH MECHANICAL AND ELECTRICAL FIXTURES.	
cl-3	MFR.: ACOUSTIFLEX CORP. TYPE: CAPAUL VINYL ROCK #1140, WHITE, WASHABLE, NON-PERFORATED SIZE: 24" x 48" x ½" GRID: WHITE SUSPENDED GRID w/ ALUM. FACE FLAME SPREAD RATING 0-25, CLASS A	ALTERNATE SPECIFICATION MFR.: US GYPSUM CO. TYPE: PANEL #3270-2-MIL COLOR: WHITE VINYL NOTE:FIRE CODE C

WALL COVERING

	DESCRIPTION	ALTERNATE / NOTE
frp-1	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE LOCATION: KITCHEN NOTE: -	
frp-2	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE LOCATION: KITCHEN (BREADING TABLE AREA ONLY) NOTE: NO COLOR VARIATIONS ACCEPTED	
sf-4	MFR.: MARLITE TYPE: PREFINISHED WAINSCOTING W/ PREFINISHED WOOD CHAIR RAIL COLOR: LOCATION: DINING ROOM WAINSCOT NOTE: WEDDING VEIL PLANK WAINSCOTING 16"x96"x.25"	

DOORS & PARTITIONS

	DESCRIPTION	ALTERNATE / NOTE
dl-2	MFR: AMPCO PRODUCTS TYPE: STAINLESS STEEL FINISH: 5WL	TOILET PARTIONS SHALL BE SOURCED THROUGH KFC DOOR + HARDWARE NATIONAL ACCOUNT SUPPLIER (LOCKNET); INSTALLED BY G.C. SEE SHEET A1.1 FOR LOCKNET CONTACT INFO.
PL-4	MFR: PIONITE TYPE: PREMIUIM WOOD PRINTS FINISH: AMBER EUCLYPTUS VELVA-TEK HORIZONTAL GRADE	RESTROOM DOORS VERTICAL APPLICATION

CUSTOMER COUNTER TOP and SILLS

	DESCRIPTION	ALTERNATE / NOTE
		CASHWRAP, DRINK STATION AND SAUCE STATION COUNTERTOPS
ss-2	MFR.: DUPONT CORIAN TYPE: SOLID SURFACE COLOR: TERRA COLLECTION - WHITE JAZMIN SIZE: 1/2" THICK	WINDOW SILL, KNEE SILL COTACT: BOB ROSE, OHIO VALLEY SUPPLY COMPANY PHONE: 513.661.8300 CELL PH: 513.582.2528 EMAIL: ROSE@OVSCO.COM

CONTACT INFORMATION

COMPANY / CONTACT	SCOPE of WORK
BENJAMIN MOORE KURT MCCLELLAND PHONE: 800.635.5147 CELL PH: 502.640.1608 EMAIL: KURT.MCCLELLAND@BENJAMINMOORE.COM	
CREATIVE MATERIALS CORPORATION (CMC) DEIRDRE SCHUTH PHONE: 518.713.5384 EMAIL: DSCHUTH@CREATIVEMATERIALSCORP.COM	MILLWORK WALLBASE
JOHNSONITE SCOTT STERTMEYER PHONE: 800.899.8916 EXT. 5759 CELL PH: 713.254.9791 EMAIL: SCOTT.STERTMEYER@JOHNSONITE.COM	
MARLITE DAN EGBERS PHONE: 330.343.6621 CELL PH: 330.260.7633 EMAIL: DEGBERS@MARLITE.COM	WAINSCOT/FRP PANELS

FINISH SCHEDULE A

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21430 Palm Beach Blvd.
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facsimile: (239) 693-9828

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facsimile: (321) 244-9419

HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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

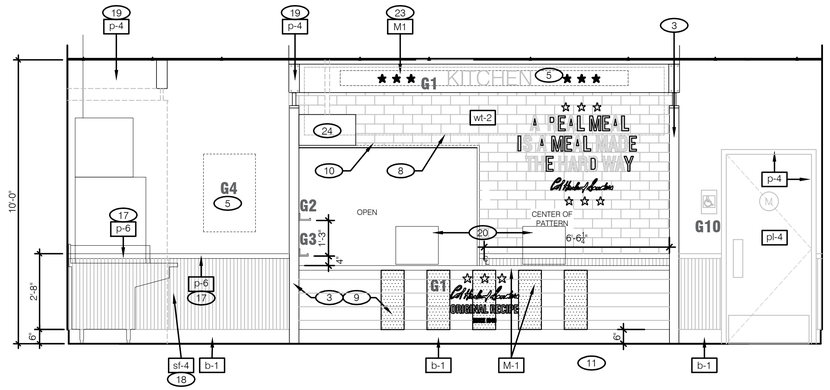
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

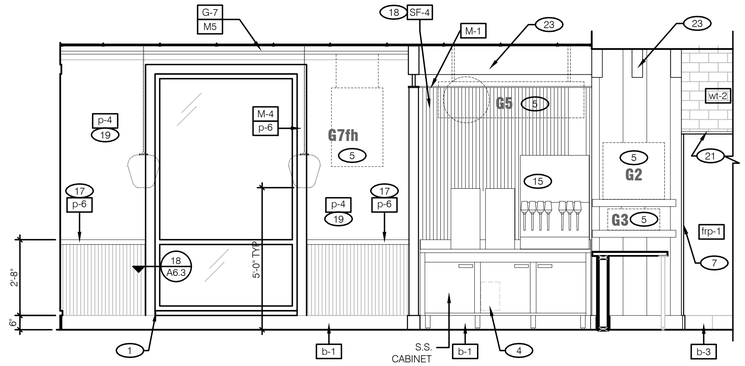
FINISH SCHEDULE - RESPONSIBILITY SCHEDULE

A7.2

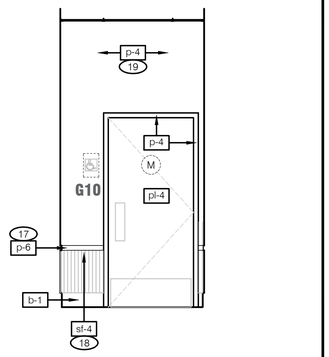
PLOT DATE: --/--/2020



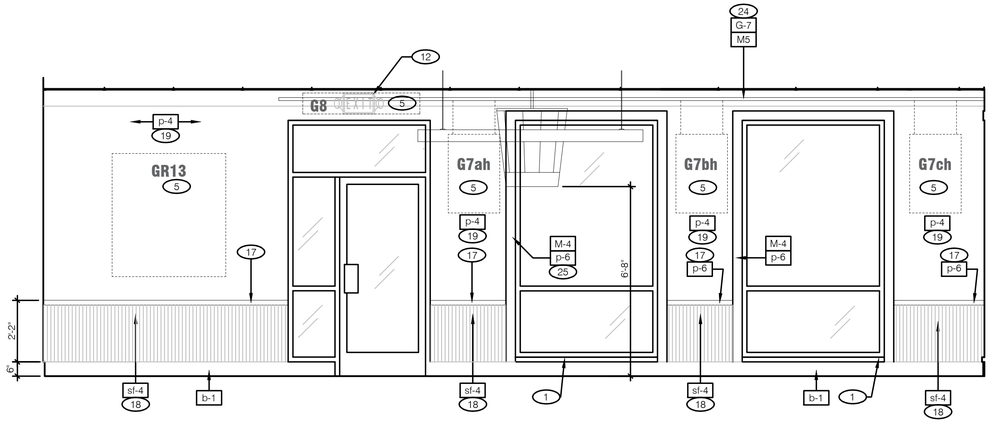
DINING ROOM 3/8" = 1'-0" | **2**



DINING ROOM 3/8" = 1'-0" | **1**



DINING ROOM 3/8" = 1'-0" | **5**



DINING ROOM 3/8" = 1'-0" | **3**

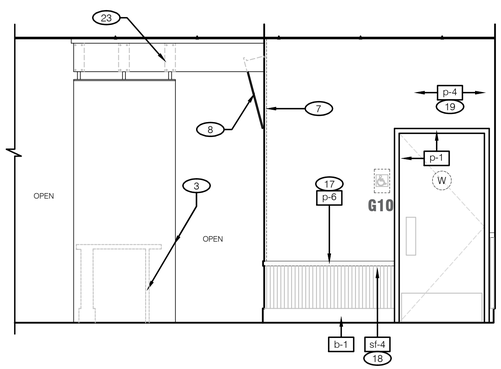
GENERAL NOTE:

1. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.

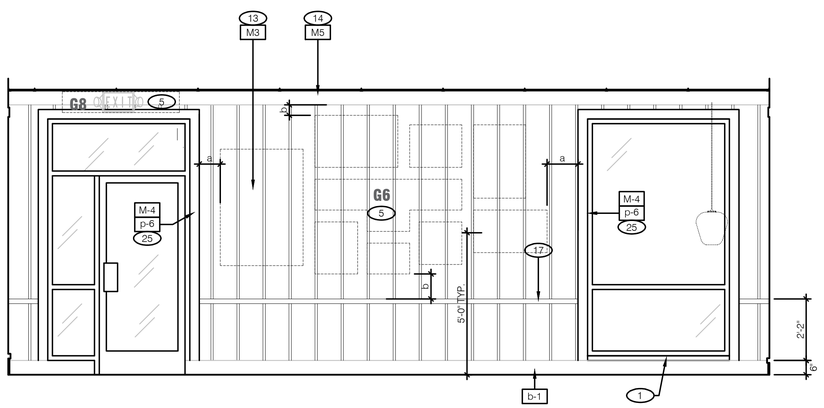
KEY NOTES:

1. SOLID SURFACE WINDOW SILL. SEE 4 / A6.1 (ON WALL); 4 / A6.2 (ON CURB).
2. H.C. SIGNAGE. MOUNT @ 5'-0" A.F.F. to CENTER OF SIGN.
3. DECOR WALL/CUSTOM MILLWORK BY VENDOR.
4. 8" x 12" OPENING FOR SYRUP / FILTERED WATER TUBE BUNDLES. SEE 4 / A6.3.
5. REFER TO ARTWORK SCHEDULE ON SHEET A7.2.
6. KOROSEAL 3/4" CORNER GUARD; KFC RED. SEE SHEET A7.2
7. STAINLESS STEEL CORNER / END WALL CHANNEL GUARD.
8. MENU BOARD; SEE SCOPE OF WORK.
9. LAMINATE WALL COVERING PANEL TRIM. SEE 18/ A6.1.
10. MENUBOARD BULKHEAD. SEE DETAIL 1 / A6.3.
11. KNEEWALL BY GENERAL CONTRACTOR. SEE 14 and 18 / A6.1.
12. EMERGENCY / EXIT LIGHTING; SEE SHEET E4.0.
13. NEW DECORATIVE WALL PANELING SYSTEM.
14. NEW PRE-FINISHED WOOD TRIM TO MATCH DECORATIVE WALL PANELING BELOW, HOLD 1/2" OFF CEILING.
15. DRINK STATION, PEPSI MACHINE; COORDINATE REACH HEIGHT / DEPTH with ADA.1.
16. SECURITY MONITOR / PACK MONITOR; REFER TO EQUIPMENT PLAN A2.0. SEE SCOPE OF WORK.
17. NEW PRE-PRIMED CHAIR RAIL TO BE PAINTED.
18. NEW WAINSCOT.
19. WALLS TO HAVE ORANGE PEEL TEXTURE ABOVE CHAIR RAIL.
20. POS EQUIPMENT.
21. STAINLESS STEEL HEADER CAP ON BULKHEAD.
22. NEW SUSPENDED BUCKET GRAPHIC ELEMENT.
23. NEW DECOR BEAM AND BRACKET BY VENDOR.
24. MONITOR (SELECTION/SIZE BY OTHERS)

GENERAL NOTE + KEY NOTES | **A**



DINING ROOM 3/8" = 1'-0" | **6**



DINING ROOM 3/8" = 1'-0" | **4**

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

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

KFC

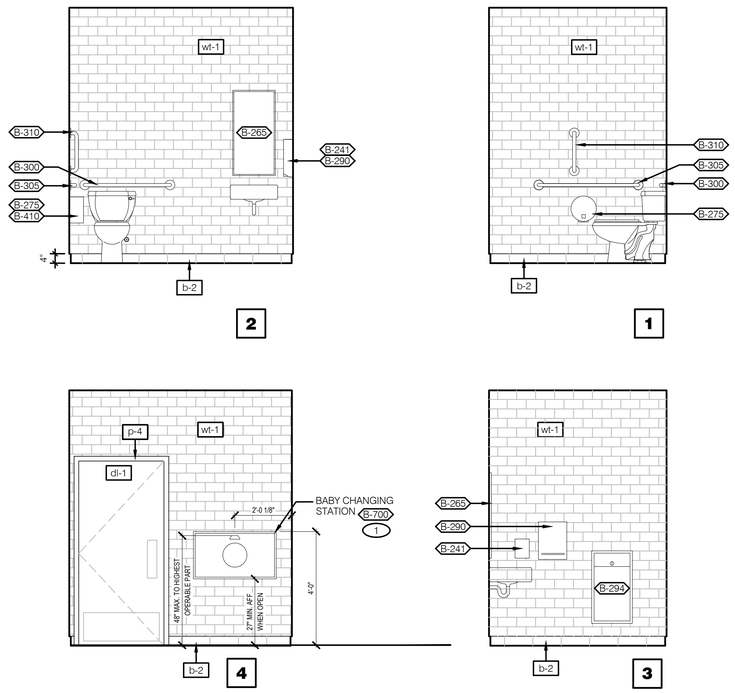
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

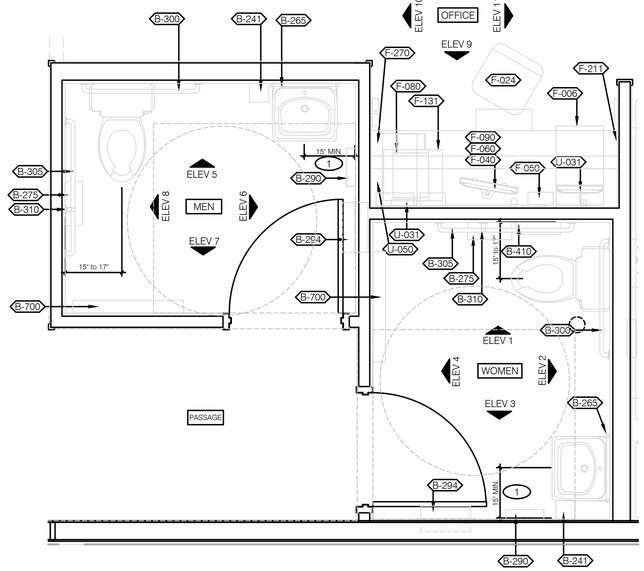
INTERIOR ELEVATIONS - DINING ROOM

A8.0

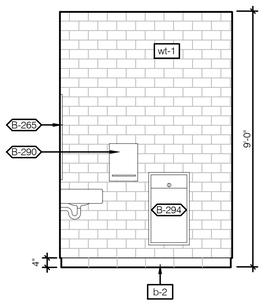
PLOT DATE: --/--/2020

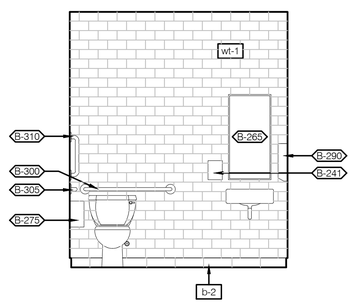


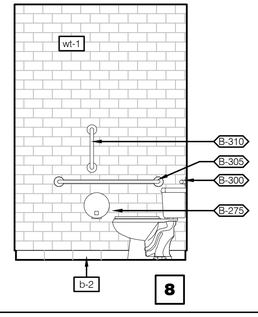
WOMEN'S RESTROOM 3/8" = 1'-0"

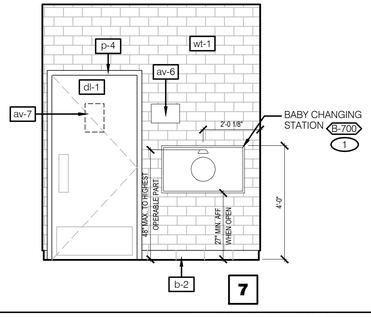


ENLARGED RESTROOMS / OFFICE PLAN 1/2" = 1'-0" A

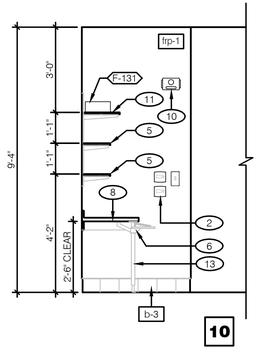


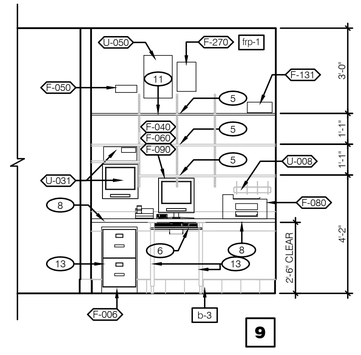


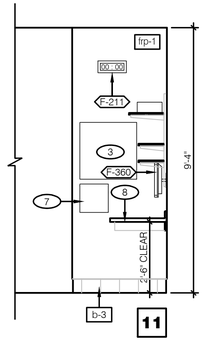




MEN'S RESTROOM 3/8" = 1'-0"







OFFICE ELEVATIONS 3/8" = 1'-0"

GENERAL NOTES:

1. SEE DETAIL 1 / ADA1.0 FOR ACCESSIBILITY MOUNTING HEIGHTS AND CLEARANCES.
2. PROVIDE 2x BLOCKING AT ALL WALL MOUNTED ACCESSORIES.
3. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
4. REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
5. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
6. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
7. FOR DESCRIPTIONS, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
8. VERIFY EQUIPMENT / SHELVING MOUNTING HEIGHT and LOCATION WITH OWNER.

KEYNOTES:

1. PROVIDE 2X BLOCKING FOR WALL MOUNTED BABY CHANGING TABLES. INSTALL PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0 B-XXX
2. THERMOSTAT BY (EMS) SUPPLIER. SEE DETAIL 3 / E3.1.
3. TELEPHONE TERMINAL BOARD.
4. HOLD UP BUTTON (SECURITY SYSTEM SUPPLIER)).
5. 12" DEEP WHITE MELAMINE SHELVING W/ 11.5" SHELF BRACKETS. SEE DETAIL 10 / A6.2.
6. UNDER COUNTER KEYBOARD TRAY.
7. 12" x 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
8. 1-1/2" LAMINATE COUNTERTOP w/ INTEGRAL SPLASH. SEE DETAIL 10 / A6.2 FOR SUPPORT SYSTEM; SEE SHEET A7.2 FOR FINISHES.
9. GROMMET; COORDINATE LOCATIONS WITH OWNER.
10. DATA CONCENTRATOR (ROUTER) BY (EMS) SUPPLIER. SEE SHEETS E3.1 and E6.1.
11. 16" DEEP WHITE MELAMINE SHELVING @ TOP SHELF OVER MONITORS ONLY. SEE DETAIL 10 / A6.2.
12. NOT USED.
13. S.S. COUNTERTOP SUPPORT LEG w/ ADJUSTABLE BASE (BY G.C.). QTY. 4.
14. SCHLUTER SYSTEM - SCHIENE - RADIUS, R/AE100, 3/8", SATIN ALUMINUM.
15. LINE OF TRANSITION FROM CEMENT BOARD -to- GYPSUM BOARD SUBSTRATE. SEE WALL TYPE 7, SHEET A1.0.

GENERAL NOTES / KEY NOTES B

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PLAN SET REVISIONS:

CONTRACT DATE:	-.-.-2019
BUILDING TYPE:	Kb 30-19
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SITE NUMBER:	
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LIS PROJECT;	2019-304

KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

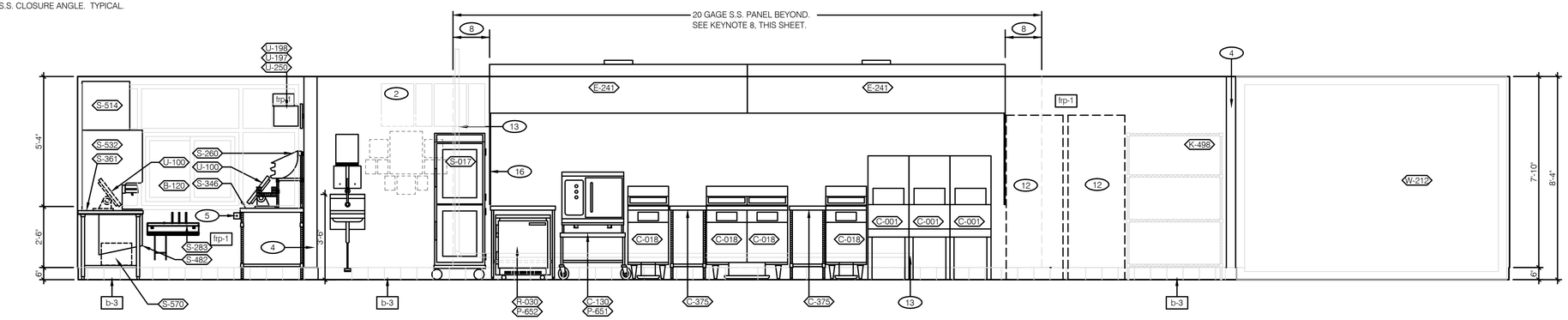
INT. ELEV's ENLARGED RESTROOM / OFFICE PLAN

A8.1

PLOT DATE: --/-/2020

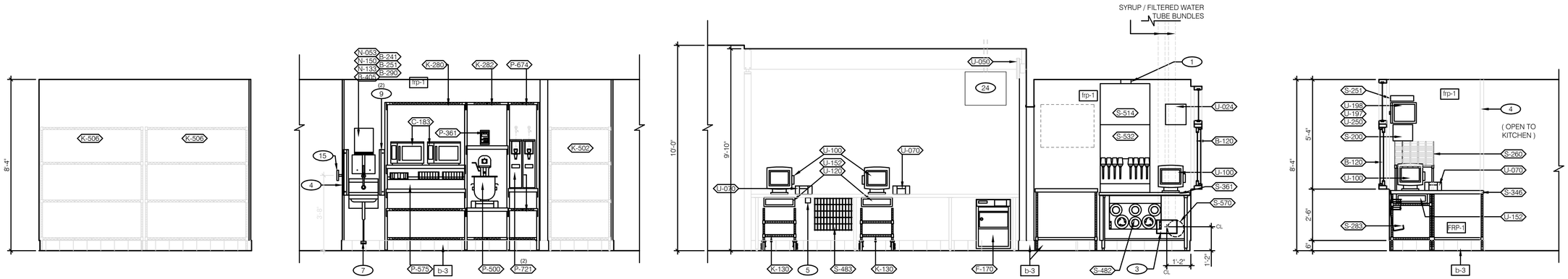
GENERAL NOTE:

PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE. TYPICAL.



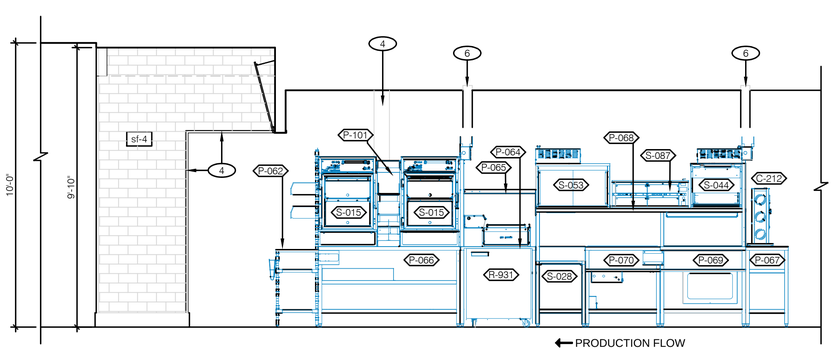
3 DRIVE THRU **2 COOK LINE** **1 COOK LINE**

KITCHEN ELEVATIONS 3/8" = 1'-0"

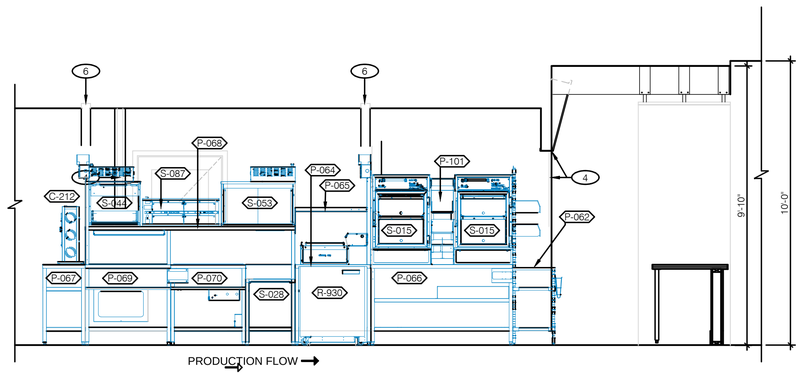


8 UTILITY **7 PREP. LINE** **6 FRONT COUNTER** **5 DRIVE THRU / PICK-UP** **4 DRIVE THRU**

KITCHEN ELEVATIONS 3/8" = 1'-0"



10 PACK LINE (FRONT VIEW)



9 PACK LINE (BACK VIEW)

KITCHEN ELEVATIONS 3/8" = 1'-0"

1. 6" STAINLESS STEEL CHASE FOR ICE MACHINE REFRIGERANT LINES.
2. ANSUL CABINET.
3. 8" x 12" OPENING FOR SYRUP / FILTERED WATER TUBE BUNDLE. SEE 4 / A6.3.
4. S.S. CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 10 / A6.3.
5. HOLD-UP BUTTON; SEE E5.0.
6. 16" W x 4" D S.S. CHASE. EXTEND 2" ABOVE CEILING; BY G.C.
7. HAND SINK FOOT PEDAL. SEE 3 / P6.0.
8. EDGE OF 20 GAGE STAINLESS STEEL PANEL BEHIND HOOD. COORDINATE EXTENTS OF PANEL BEYOND HOOD WITH LOCAL CODE REQUIREMENTS.
9. S.S. SPLASH GUARD. SEE DETAIL 7 / A6.3.
10. S.S. CORNER GUARD at SERVICE DOOR HEAD and JAMB; SEE 13 / A6.1.
11. THERMOSTAT REMOTE SENSOR; SEE KEY NOTE 10, SHEET M2.0.
12. RTI SYSTEM
13. GAS RISER. SEE KEYNOTE 18 / P3.0.
14. MOUNT SAUCE DISPENSER ON SIDE OF STORAGE SHELF.
15. ANSUL PULL STATION.
16. S.S. END SKIRT.
17. SECURITY SYSTEM KEYPAD; SEE E5.0.
18. WATER HEATER VENT; SEE PLUMBING DRAWINGS.
19. PRODUCT TIME CLOCK and TIME TAG HOLDER; VERIFY MOUNTING HEIGHT w/ OWNER.
20. WALK-IN COOLER / FREEZER BOX.

KEY NOTES **A**

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

CONTRACT DATE:	-.-.2019
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PLAN VERSION:	2018.A
SITE NUMBER:	
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STORE NUMBER:	
LIS PROJECT;	2019-304

KFC

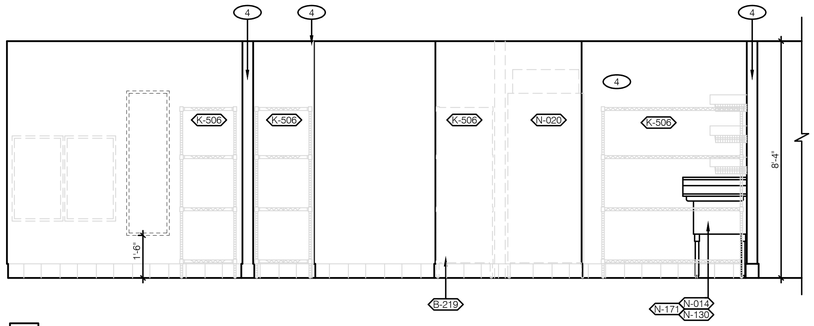
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

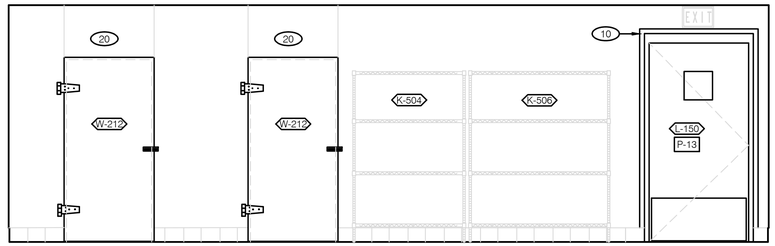
INTERIOR ELEVATIONS KITCHEN

A8.2

PLOT DATE: --/--/2020



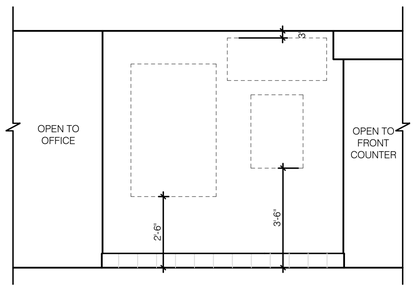
13 UTILITY / DRY STOR. / WARE WASHING



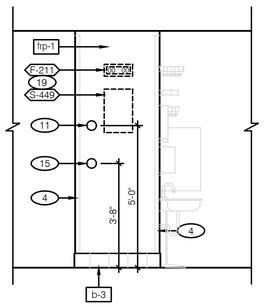
12 COOLER / FREEZER BOX

11 UTILITY

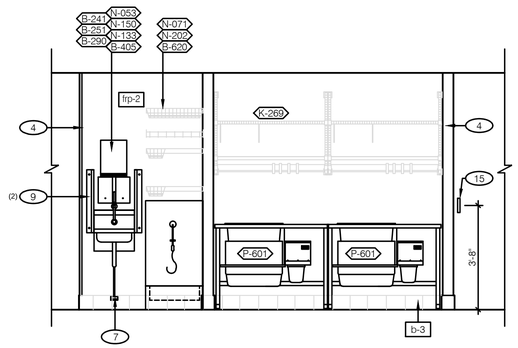
KITCHEN ELEVATIONS 3/8" = 1'-0"



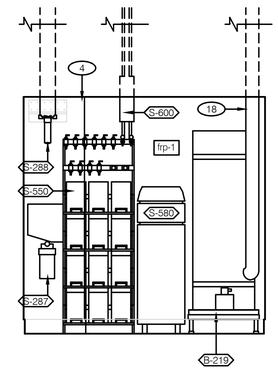
18 ART WALL



17 PREP END WALL



15 PREP



14 UTILITY

KITCHEN ELEVATIONS 3/8" = 1'-0"

1. 6" STAINLESS STEEL CHASE FOR ICE MACHINE REFRIGERANT LINES.
2. ANSUL CABINET.
3. 8" x 8" OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE 4 / A6.3.
4. S.S. CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 10 / A6.3.
5. HOLD-UP BUTTON; SEE E5.0.
6. 16" W x 4" D S.S. CHASE. EXTEND 2" ABOVE CEILING; BY G.C.
7. HAND SINK FOOT PEDAL. SEE 3 / P6.0.
8. EDGE OF 20 GAGE STAINLESS STEEL PANEL BEHIND HOOD. COORDINATE EXTENTS OF PANEL BEYOND HOOD WITH LOCAL CODE REQUIREMENTS.
9. S.S. SPLASH GUARD. SEE DETAIL 7 / A6.3.
10. S.S. CORNER GUARD at SERVICE DOOR HEAD and JAMB; SEE 13 / A6.1.
11. THERMOSTAT REMOTE SENSOR; SEE KEY NOTE 10, SHEET M2.0.
12. EQUIPMENT POWERED VIA CEILING-MIOUNTED RECEPTACLE; SEE E3.0.
13. GAS RISER. SEE KEYNOTE 18 / P3.0.
14. MOUNT SAUCE DISPENSER ON SIDE OF STORAGE SHELF.
15. ANSUL PULL STATION.
16. S.S. END SKIRT.
17. SECURITY SYSTEM KEYPAD; SEE E5.0.
18. WATER HEATER VENT; SEE PLUMBING DRAWINGS.
19. PRODUCT TIME CLOCK and TIME TAG HOLDER; VERIFY MOUNTING HEIGHT w/ OWNER.
20. WALK-IN COOLER / FREEZER BOX.

****ALL KEYNOTES NOT ON THIS SHEET** **KEY NOTES** **A**

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LIS PROJECT;	2019-304

KFC

3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

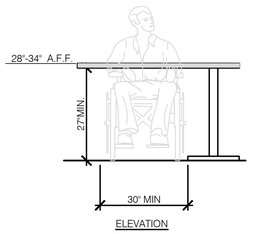
INTERIOR ELEVATIONS KITCHEN

A8.3

PLOT DATE: --/--/2020

TOTAL SEATS	REQ. ACCESSIBLESEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS

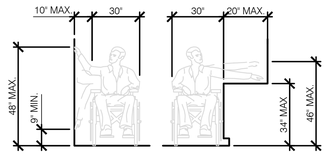


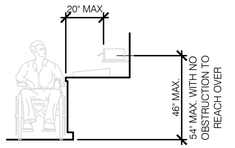
ELEVATION

SEATING AND TABLES N.T.S. **18**

CORRISPONDING REACH HEGHTS
FOR GIVEN DEPTHS:

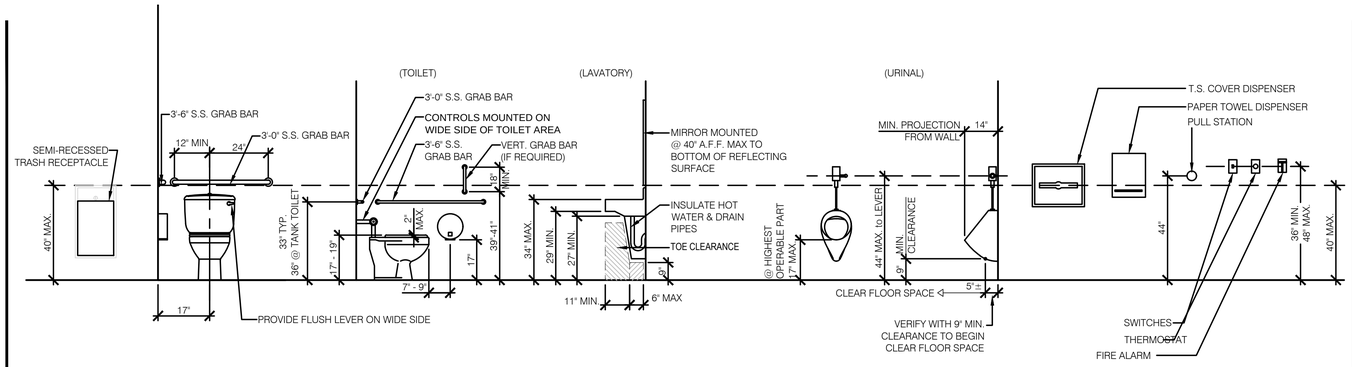
when D < 10", then H = 54.0" MAX.
when D = 10", then H = 53.5" MAX.
when D = 12", then H = 53.0" MAX.
when D = 13", then H = 52.5" MAX.
when D = 14", then H = 51.5" MAX.
when D = 15", then H = 51.0" MAX.
when D = 16", then H = 50.5" MAX.
when D = 17", then H = 50.0" MAX.
when D = 18", then H = 49.5" MAX.
when D = 19", then H = 49.0" MAX.
when D = 20", then H = 48.5" MAX.
when D = 21", then H = 47.5" MAX.
when D = 22", then H = 47.0" MAX.
when D = 23", then H = 46.5" MAX.
when D = 24", then H = 46.0" MAX.



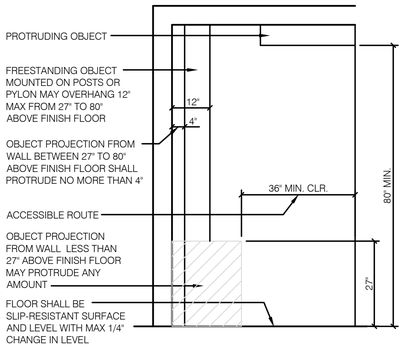


CONDIMENTS

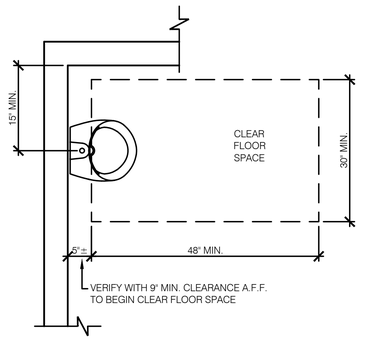
REACH RANGES N.T.S. **14**



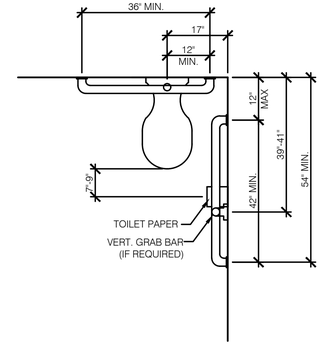
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED 3/8" = 1'-0" **1**



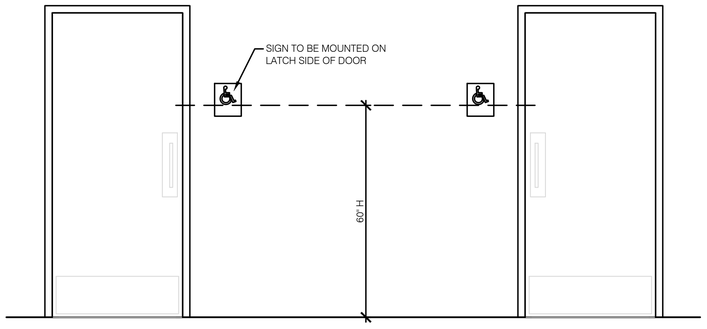
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



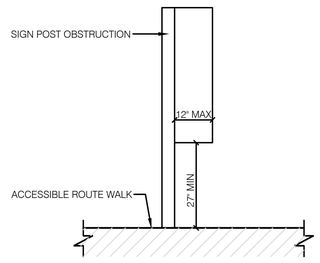
ACCESSIBLE URNIAL 3/4" =1'-0" **6**



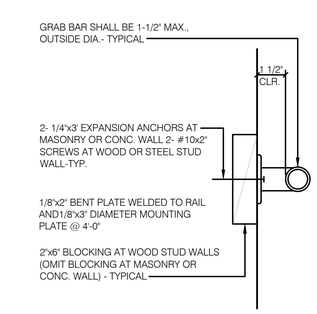
STANDARD TOILET STALL N.T.S. **2**



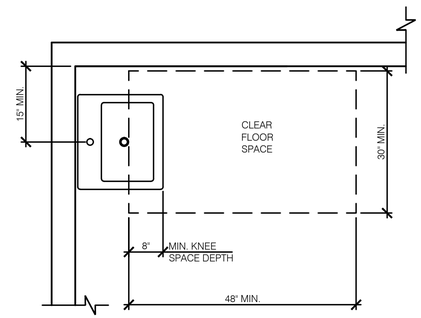
ACCESSIBLE RESTROOM DOORS N.T.S. **15**



PROTRUDING HAZARDS 1/2" = 1'-0" **11**



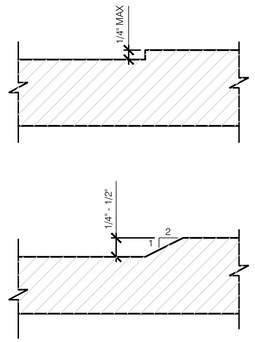
GRAB BAR 3" = 1'-0" **7**



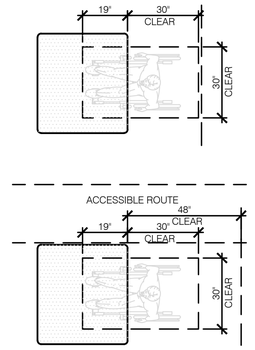
ACCESSIBLE LAVATORY 3/4" = 1'-0" **3**

NOT USED **20**

NOT USED N.T.S. **16**



CHANGES IN LEVEL N.T.S. **12**



NOTE: MAINTAIN 44" MIN. CLEAR AISLE EGRESS PATHS TO EXIT DOORS.

DINING ROOM SEATING CLEARANCES **8**

1. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.

GENERAL NOTES **4**

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OCALA, FL

Kb 30-19

ACCESSIBILITY REQUIREMENTS

ADA .1

PLOT DATE: --/--/2020

GENERAL:

1. LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS.
2. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFFSETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT.
3. PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

HVAC:

1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS, IF REQUIRED.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS.
5. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS.
6. FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF WORK.
7. HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
8. ALL DUCTWORK SHALL BE EXTERNALLY INSULATED.
9. ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 10'-0" WHICH MAY BE FLEX.
10. SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT AND SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. SMOKE DETECTOR SHALL BE INSTALLED, PRIOR TO ANY OUTSIDE AIR CONNECTIONS.
11. ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE FIRE MASTER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. SEE 15/M4.0.
12. ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE ACCESS PANELS TO DAMPERS. SEE 8 / M4.0.
13. ALL UTILITY PIPING FOR RTU's SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.
14. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
15. SEE 8 / M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
16. FINAL HVAC SYSTEM TESTING AND BALANCING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENT'S ARRIVAL, EQUIPMENT NOT WIRED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST FOR SAME SHALL BE ALSO INCURRED BY THE GENERAL CONTRACTOR.
17. THERMOSTATS; SEE SCOPE OF WORK.
18. REMOTE THERMOSTAT SENSORS; SEE SCOPE WORK.
19. SUPPLY AIR TEMPERING (SAT) CONTROL; SEE SCOPE OF WORK. SAT FUNCTION: IF ROOM TEMPERATURE IS AT ESTABLISHED "SET-POINT", AND THE SUPPLY DUCT TEMPERATURE IS 10 DEGREES BELOW SET-POINT, SAT CONTROLS INITIATE FIRST STAGE HEATING TO PREVENT COLD AIR DRAFTS FROM ENTERING THE CONDITIONED SPACE.

GENERAL NOTES 10

SYMBOL & ABBREV.	DESCRIPTION
SA/SUP	SUPPLY AIR (RISE/DROP)
RA/RET	RETURN AIR DUCT (RISE/DROP)
EA/EXH	EXHAUST AIR DUCT (RISE/DROP)
CD/SR	CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)
RR/RG	RETURN REGISTER/GRILLE
ER/EG	EXHAUST REGISTER/GRILLE
	RECTANGULAR DUCT ELBOW WITH TURNING VANES
FC	FLEXIBLE CONNECTION
MVD	MANUAL VOLUME DAMPER
FD	FIRE DAMPER
(L)	DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)
	SINGLE LINE DUCT BRANCH TAKEOFF
	DUCT TRANSITION (RECTANGULAR TO ROUND)
FLEX	FLEXIBLE DUCT (14'-0 MAXIMUM)
T-STAT	THERMOSTAT: SEE GENERAL NOTE 17, THIS SHEET
	THERMOSTAT SENSOR (REMOTE): SEE GENERAL NOTE 18, THIS SHEET
CD	CONDENSATE DRAIN
DIA.	DIAMETER
DL	DOOR LOUVER
UC	DOOR UNDERCUT
	MECHANICAL EQUIPMENT DESIGNATION
A/C , AC	AIR CONDITIONING
BDD	BACK DRAFT DAMPER
	SMOKE DETECTOR; SEE GENERAL NOTE 10, THIS SHEET.

SYMBOL & ABBREV.	DESCRIPTION
CB	CIRCUIT BREAKER
CLG.	CEILING
CONN.	CONNECT/CONNECTION
CONT.	CONTINUATION
CONT'R	CONTRACTOR
CFM	CUBIC FEET PER MINUTE
DET.	DETAIL
DISC.	DISCONNECT
DTR	DOWN THRU ROOF
EF	EXHAUST FAN
(E)	EXISTING
GA.	GAGE/GAUGE
GC	GENERAL CONTRACTOR
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
MFR.	MANUFACTURER
MECH.	MECHANICAL
(N)	NEW
OA/OSA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
S/S	STAINLESS STEEL
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTR	UP THRU ROOF

MECHANICAL SYMBOLS 12

MARK	AREA SERVED	FAN DATA: SUPPLY CFM	MIN O.A. CFM	ESP	HP	RPM	COOLING CAPACITY: NOM TONS	MIN CAP (MBH) TOT/SEN	MIN EER	HEAT CAPACITY: ELEC (kw)	PHASE (STAGES)	UNIT ELECT DATA: VOLTS/ PH	MCA	MOCP	MAX UNIT WEIGHT (LBS)	MANUFACTURER AND MODEL NUMBER	REMARKS
RTU-1	DINING	3400	600	0.8	2.0	811	8.5	107.2/84.2	11.2	13.5	1	208/3	56	60	937	TRANE TSC102	SEE NOTES 1-6
RTU-2	KITCHEN	5000	600	0.8	3.0	772	12.5	139.1/111.5	11.0	13.5	1	208/3	67	80	1375	TRANE TSC150	SEE NOTES 1-6

NOTES:

1. LISTED CAPACITY IS GROSS COOLING CAPACITY AT 80°F DB/67°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER: 95°F DB & 74°F WB, WINTER: 17°F. ADJUST SELECTION BASED ON ACTUAL SITE CONDITIONS AND ACTUAL MOTOR HEAT. REFRIGERANT SHALL BE 410A.
2. SPECIFIED RTU'S ARE DOWN DISCHARGE PACKAGED ELEC/ELEC ROOFTOP UNITS WITH MINIMUM 2-STAGE COOLING. INCLUDES THROUGH THE ROOF CURB POWER & CONDENSATE DRAIN.
3. SPECIFIED UNIT INCLUDES HINGED ACCESS DOORS, 2" PLEATED FILTERS, MOTORIZED OUTSIDE AIR DAMPER, CIRCUIT BREAKER WITH SINGLE POINT WIRING, HAIL GUARD, AND FACTORY FABRICATED, KNOCK-DOWN ROOF CURB.
4. SPECIFIED UNIT INCLUDES A UN-POWERED CONVENIENCE OUTLET AND SMOKE DUCT DETECTOR IN THE RETURN DUCT OF UNIT.
5. SPECIFIED UNIT INCLUDES FACTORY INSTALLED HOT GAS REHEAT OPTION
6. SUPPLY AIR TEMPERING (SEE GENERAL NOTE 19, THIS SHEET): WINTER DESIGN DB TEMP. 47 DEG. F OR LESS H0T GAS REHEAT: RTU-1 (DINING) SUMMER DESIGN WB TEMP. 74 DEG. F (OR GREATER). RTU-2 (KITCHEN) SUMMER DESIGN WB TEMP. 75 DEG. F (OR GREATER).

HVAC UNIT SCHEDULE 1

MARK	CFM	SP	RPM	HP	ELECT	STARTER	ACCESSORIES: DISC	BDD	BIRD SCREEN	V-BELT	D-DR	MANUFACTURER AND MODEL NUMBER	REMARKS
EF-1	1700	1.3	1414	.75	115/1	-	X		X	X		SVDU85HFA	SEE NOTES 1,2,3,4,5,6 & 9
EF-2	1700	1.3	1414	.75	115/1	-	X		X	X		SVDU85HFA	SEE NOTES 1,2,3,4,5,6 & 9
EF-3	100	0.5	1075	135W	120/1	-	X	X			X	COOK GC-148	SEE NOTES 7,8
EF-4	100	0.5	1075	135W	120/1	-	X	X			X	COOK GC-148	SEE NOTES 7,8
MAU-1	2720	0.5	1019	1.0 W	208/3	-	X	X			X	SVAID.250610	SEE NOTES 9

REMARKS:

1. UL 762 LISTED (GREASE)
2. VENTED ROOF CURB
3. ROOF CURB
4. GREASE TROUGH
5. HINGED ROOF CURB
6. WEATHERPROOF DISCONNECT SWITCH
7. SOLID STATE SPEED CONTROLLER
8. BACKDRAFT DAMPER
9. EXHAUST FANS PROVIDED BY HOOD MANUFACTURER. REFER TO HOOD DRAWINGS FOR MORE INFORMATION.

FAN SCHEDULE 2

MARK	QUANTITY	NECK SIZE	DIFFUSER FACE OR CEILING GRID SIZE	TYPE: DIFFUSER	TYPE: REGISTER	TYPE: GRILL	AIR PATTERN: CFM RANGE	MOUNTING: LAY-IN	MOUNTING: SURFACE	DUTY: SUPPLY	DUTY: RETURN	DUTY: EXHAUST	MATERIAL: ALUMINUM	MATERIAL: STEEL	MANUFACTURER	MODEL NUMBER	REMARKS
S-1		AS NOTED	24 x 24	X				X		X			X		METAL-AIRE / TITUS	5000-6 / TDC-AA	FRN SQUARE to ROUND ADAPTER
S-4		AS NOTED	12 x 12	X				X	X	X			X		METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQUARE to ROUND ADAPTER
S-5		14"Ø	24x24	X				X	X	X			X		METAL-AIRE / TITUS	7000 / PAS-AA	VERTICAL DISCHARGE
R-1		22 x 22	24 x 24			X		X			X		X		METAL-AIRE / TITUS	CC5-FB-TB / 50FF	FRN SQUARE to ROUND ADAPTER, FULLY REMOVABLE FACE

NOTES:

1. DIFFUSERS IN SURFACE MOUNTED CEILINGS SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS.
2. REFER TO ARCHITECTURAL DRAWINGS (A7.1, A7.2) FOR CEILING TYPES.

AIR DEVICE SCHEDULE 3

TRANE PACKAGE

FOR COMPLETE INFORMATION AND PRICING ON THE TRANE HVAC PACKAGE CONTACT MARTY CUSICK, THE YUM! BRANDS ACCOUNT EXECUTIVE AT TRANE NATIONAL ACCOUNTS.
TOLL-FREE PHONE: (866) YUM-HVAC or (866) 986-4822
FAX: (502) 499-7870
EMAIL: mjcusick@trane.com

TRANE HAS AGREED TO SUPPLY AN HVAC PACKAGE CONSISTING OF THE ROOF-TOP UNITS, AND CURBS. RTU'S AS SPECIFIED INCLUDE AN UNPOWERED CONVENIENCE OUTLET (SEE ELECTRICAL) AND AN HACR CIRCUIT BREAKER WHICH PROVIDES UNIT DISCONNECT. TRANE ALSO HAS AVAILABLE OPTION PACKAGES WHICH INCLUDE SMOKE DETECTORS AND ENUNCIATORS, ECONOMIZERS, AND RTU VARIATIONS SUCH AS HIGH-EFFICIENCY MODELS.

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH NATIONAL DESIGN.

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

TRANE PACKAGES N.T.S. 8

ITEM	OA	RA	SA	EA	PRESSURE
EF-1	--	--	--	1700	-1700
EF-2	--	--	--	1700	-1700
EF-3	--	--	--	100	-100
EF-4	--	--	--	100	-100
RTU-1	600	2800	3400	--	+600
RTU-2	600	4400	5000	--	+600
MAU-1	2720	--	--	--	+2720
TOTAL	3920	7200	8400	3600	+320

AIR BALANCE SCHEDULE CFM 4

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

Kb 30-19

MECHANICAL SCHEDULES AND NOTES

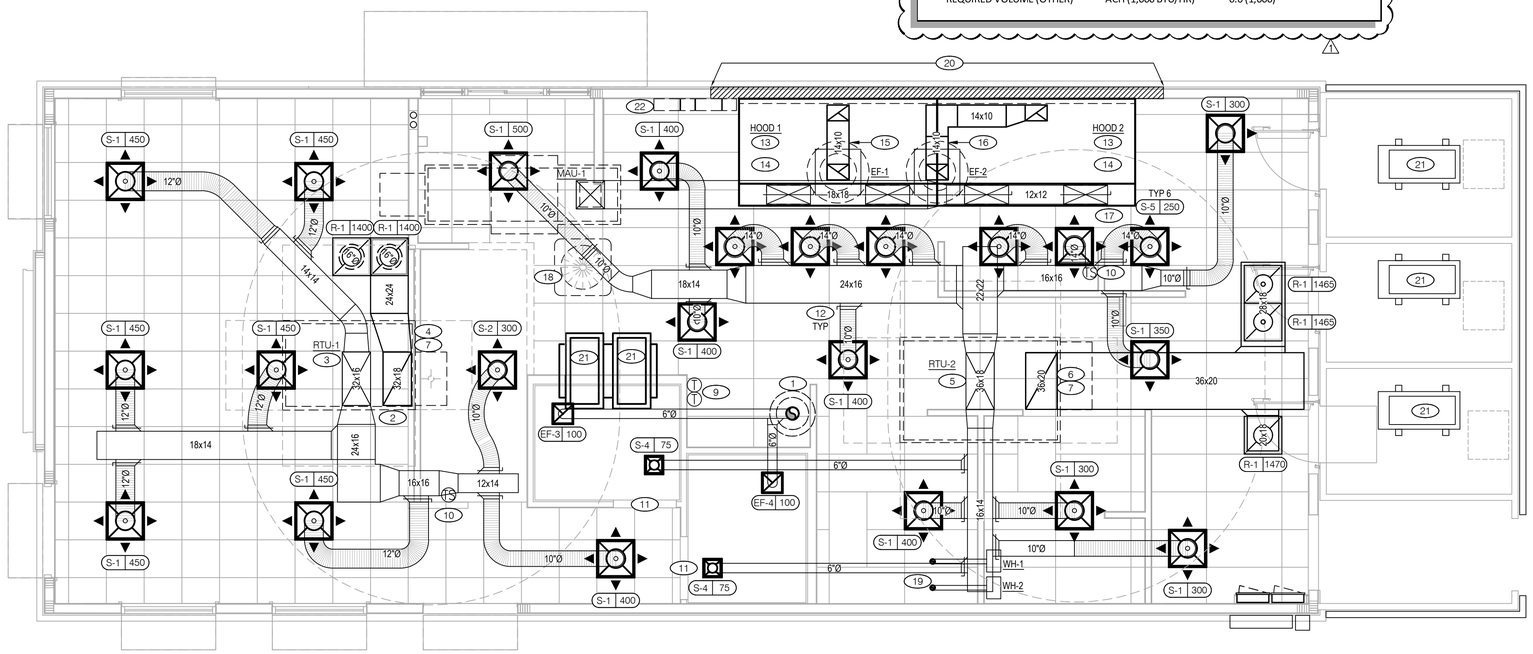
M1.0

PLOT DATE: --/--/2020

NOTE:
THE HOOD FIRE SUPPRESSION CONTRACTOR SHALL SUBMIT PLANS FOR EVALUATION AND APPROVAL PRIOR TO COMMENCEMENT OF NEW WORK.

INDOOR COMBUSTION AIR

$$\frac{\text{COMBUSTION AIR}}{\text{REQUIRED VOLUME (OTHER)}} \geq \frac{21\ \text{FT}^3\ \text{(I OTHER)}}{\text{ACH (1,000 BTU/HR)}} \geq \frac{21\ (420{,}000)}{0.6\ (1{,}000)} \geq 14{,}700\ \text{FT}^3$$



NOTE:
PROVIDE SECONDARY CONDENSATE PROTECTION IN COMPLIANCE WITH FBC - MECH 307.2.3 AND RELATED SUBSECTIONS. PROVIDE SAFETY SHUT-OFF SWITCHES IN CONDENSATE DRAINS.

DUCT AND DIFFUSER PLAN 1/4"=1'-0" | A

NOT USED | D

GENERAL NOTES | C

A. INSTALLATION AND TERMINATION OF THE POWERED VENT SYSTEM FOR THE WATER HEATER SHALL BE IN ACCORDANCE WITH THE VENT AND WATER HEATER MANUFACTURERS INSTALLATION INSTRUCTIONS, AND LOCAL CODES AND REQUIREMENTS.

B. DINING ROOM / KITCHEN LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS SO AS NOT TO CONFLICT WITH LIGHT FIXTURE LOCATIONS. COORDINATE WITH ELECTRICAL DRAWINGS FOR CEILING GRID / LIGHT FIXTURE LOCATIONS.

C. THERMOSTATS SHALL BE PROGRAMMABLE WITH SUBBASE AND REMOTE TEMPERATURE SENSOR; REFER TO KEYNOTES 9 and 10, THIS SHEET.

D. S/A DUCTS FOR RTU-1 (FRONT of HOUSE) SHALL RUN WITHIN THE TRUSS WEB SPACE; COORDINATE WITH STRUCTURAL DRAWINGS. SEE DETAIL 1 / S4.2.

KEY NOTES | B

1. 8"Ø EXHAUST AIR DUCT UP TO ROOF MOUNTED MUSHROOM CAP, 200 CFM. SEE DETAIL 2 ON SHEET M4.0. PROVIDE BACKDRAFT DAMPER IN EACH EXHAUST DUCT CONNECTING EXHAUST FAN TO 8"Ø EXHAUST DUCT. EXHAUST FANS + MOTOR DAMPERS SHALL BE WIRED TO RESTROOM LIGHTS AND CONTROLLED BY MOTION SENSOR; COORDINATE WITH ELECTRICAL.
2. THE INSIDE OF THE RETURN AIR DUCTS SHALL BE LINED FROM THE AIR HANDLING EQUIPMENT TO A DISTANCE OF 10' FROM THE UNIT WITH ULTRALITE #300 - 1/2" THICK OR OTHER APPROVED DUCT LINEAR ACOUSTICAL BOARD. THE MATERIAL SHALL BE FITTED CAREFULLY ON THE INSIDE OF THE DUCT AND SHALL BE FASTENED ON WITH CEMENT SUPPLEMENTED BY SCREWS AND WASHERS ON TOP AND SIDES OF DUCT.
3. 32 x 16 SUPPLY AIR DUCT: CONNECT TO SUPPLY AIR OPENING AT ROOFTOP UNIT, RTU-1 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
4. 32 x 18 RETURN AIR DUCT: CONNECT TO RETURN AIR OPENING AT ROOFTOP UNIT, RTU-1 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
5. 36 x 18 SUPPLY AIR DUCT: CONNECT TO SUPPLY AIR OPENING AT ROOFTOP UNIT, RTU-2 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
6. 36 x 20 RETURN AIR DUCTS: CONNECT TO RETURN AIR OPENING AT ROOFTOP UNIT, RTU-2 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
7. FURNISH AND INSTALL SMOKE DETECTOR IN THE RETURN AIR DUCT, IN ACCORDANCE WITH LOCAL CODES. DUCT SMOKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR, COORDINATE WITH ELECTRICAL.
8. FURNISH AND INSTALL 3" SCHEDULE 40 PVC WATER HEATER CONCENTRIC VENT TO ROOF. COORDINATE WORK WITH ALL TRADES.
9. THERMOSTAT.
10. THERMOSTAT REMOTE SENSOR . MOUNT at 60" A.F.F.
11. UNDERCUT RESTROOM DOORS MIN. 1/2" FOR MAKE-UP AIR.
12. PROVIDE MANUAL VOLUME DAMPER, TYPICAL AT ALL SUPPLY AIR AND RETURN AIR DIFFUSERS, IN ACCESSIBLE LOCATION WHENEVER POSSIBLE. FOR NON ACCESSIBLE LOCATIONS PROVIDE REMOTE CABLE CONTROL UNIT BOWDEN MODEL 270-301 AS MANUFACTURED BY YOUNG REGULATOR CO. OR APPROVED EQUAL.
13. CANTILEVER HOOD SUPPORT RODS AWAY FROM DUCTWORK. USE ANGLE TO OFFSET THE SUPPORTS.
14. SUPPLY, RETURN, OR EXHAUST DUCTWORK RUN BETWEEN ROOF TRUSSES.
15. 14 x 10 EXHAUST AIR DUCT DOWN, TRANSITION AS NECESSARY TO CONNECT TO EXHAUST HOOD. EXHAUST DUCT SHALL OFFSET IN CEILING SPACE TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAILS ON SHEET M4.0 FOR FIRE PROTECTION OF DUCTWORK.
16. 14 x 10 EXHAUST AIR DUCT DOWN, TRANSITION AS NECESSARY TO CONNECT TO EXHAUST HOOD. EXHAUST DUCT SHALL OFFSET IN CEILING SPACE TO CONNECT TO ROOF EXHAUST FAN EF-2. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAILS ON SHEET M4.0 FOR FIRE PROTECTION OF DUCTWORK.
17. MAKE-UP AIR CONNECTION TO HOOD PLENUM. BALANCE TO 680 CFM EACH (TYP OF 4)
18. MAKE-UP AIR CONDENSING UNIT ON ROOF EQUIPMENT STAND.
19. FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONCENTRATE WATER HEATER INTAKE/VENT TERMINATION. RUN THRU WEBS TO OUTFALL AT VENT KIT ON ROOF. TERMINATION SHALL BE MIN 1'-0" AFR.
20. EXTERIOR HOOD WALL SHALL BE MTL STUD FRAMING, CEMENT BOARD WITH STAINLESS COVER EXTENDING 18" BEYOND ALL SIDES. SEE SHEET A5.2 FOR WALL DETAILS.
21. COORDINATE LOCATION OF REFRIGERATION CONDENSING UNITS FOR ICE MACHINES, COOLERS AND FREEZERS.
22. HOOD FIRE SUPPRESSION SYSTEM, SEE SHEET M3.1.

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

1 4/29/2020 BLDG DEPT COMMENTS

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

Kb 30-19

MECHANICAL DIFFUSER AND DUCT PLAN

M2.0

PLOT DATE: --/--/2020

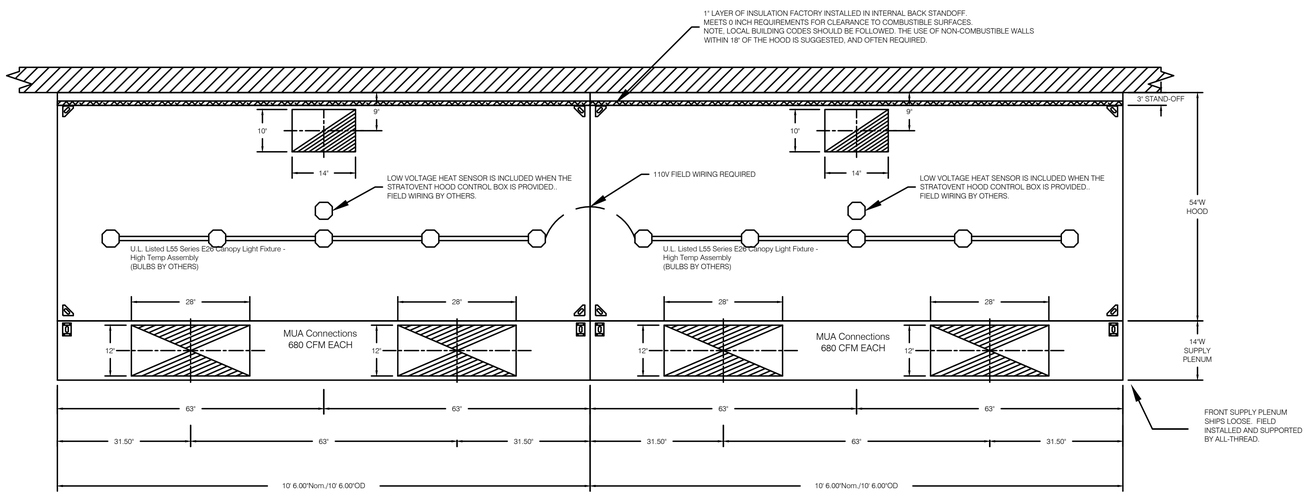
MODEL#: STRATOVENT–SVND2	TAG: KH–1_(LEFT)	CERTIFICATIONS: UL–710/NSF/NFPA96
LENGTH: 10'–6"	WIDTH (IN): 54"	HEIGHT (IN): 24"	PSP SUPPLY PLENUM: 14"W
EXHAUST CFM: 1700	SUPPLY CFM: 1360	
EXHAUST SP: 0.6"_HOOD–ONLY	SUPPLY SP: 0.2"_HOOD–ONLY	
EXHAUST FPM: 1749	SUPPLY FPM: 291	
DUCT SIZE: 10"X14"	DUCT SIZE: (2)–12"X28"	
FILTERS: LISTED–S/S_BAFFLE	QTY: (7)–16"X16"	FIRE SUPPRESSION: ANSUL–R102
LIGHT QTY: (5) A19/CFL	CONTROL SWITCH: SHARED	HANGING WEIGHT: 690–LBS

MODEL#: STRATOVENT–SVND2	TAG: KH–2_(RIGHT)	CERTIFICATIONS: UL–710/NSF/NFPA96
LENGTH: 10'–6"	WIDTH (IN): 54"	HEIGHT (IN): 24"	PSP SUPPLY PLENUM: 14"W
EXHAUST CFM: 1700	SUPPLY CFM: 1360	
EXHAUST SP: 0.6"_HOOD–ONLY	SUPPLY SP: 0.2"_HOOD–ONLY	
EXHAUST FPM: 1749	SUPPLY FPM: 291	
DUCT SIZE: 10"X14"	DUCT SIZE: (2)–12"X28"	
FILTERS: LISTED–S/S_BAFFLE	QTY: (7)–16"X16"	FIRE SUPPRESSION: ANSUL–R102
LIGHT QTY: (5) A19/CFL	CONTROL SWITCH: SHARED	HANGING WEIGHT: 690–LBS

STRATOVENT HOODS
BUILT IN COMPLIANCE WITH

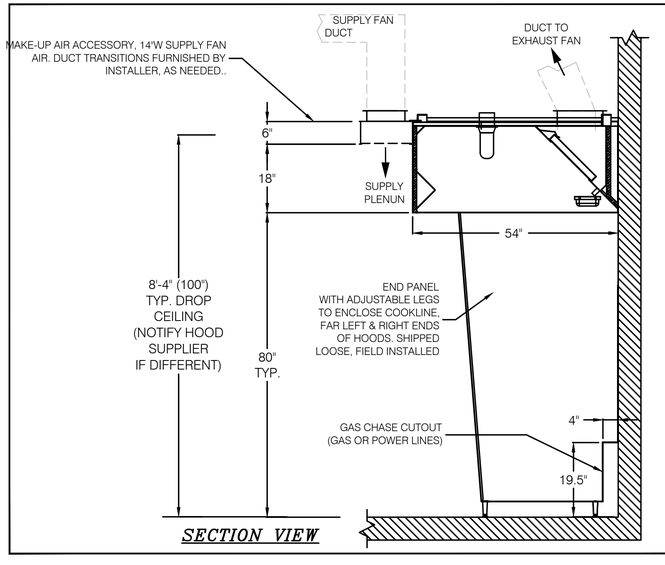
NFPA #96
NSF STANDARD #2
UL STANDARD 710
ETL FILE NO. 3054804-001

CANOPY STYLE HOOD, LISTED TO UL-710 STANDARDS:
- MODEL: SVND2
- DESIGN TEMP: 450F
- OVERHANG: 6" (OPEN SIDES)
- OVERHANG: 0" (ENCLOSED SIDES)



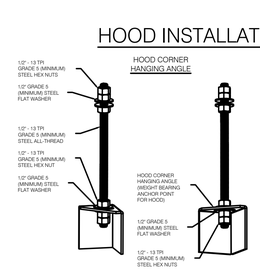
PLAN VIEW – Hood #1

PLAN VIEW – Hood #2



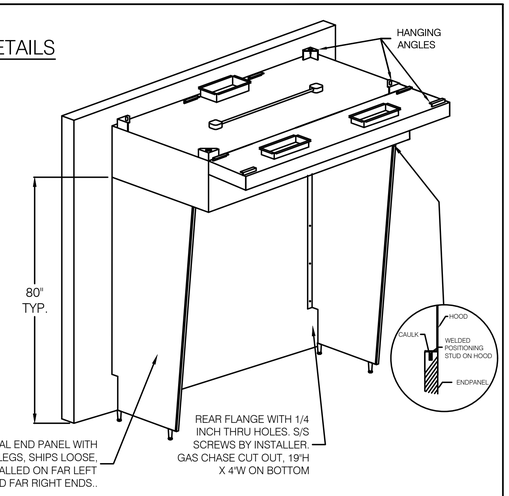
SECTION VIEW

HOOD INSTALLATION DETAILS



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



REVISED: 01/07/2020

STRATOVENT-BRAND HOODS AND FANS ARE CERTIFIED BY ETL-INTERTEK TO NATIONALLY RECOGNIZED STANDARDS.

STRATOVENT

CONTACT US:
WWW.STRATOVENT.COM
919-573-4250 OR 251-490-6114
JEFF.JOHNSON@STRATOVENT.COM

REVISIONS

	DESCRIPTION	DATE
1		
2		
3		
4		

STRATOVENT
Stratovent
919.573.4250 www.stratovent.com
4641 Paragon Park, Raleigh, NC. 27616 PHONE: (919) 573-4250 FAX: (919) 573-4251 EMAIL: jeff.johnson@stratovent.com

KFC
ADDRESS
ANYTOWN,USA

DATE: 01/23/2020
DWG.#: 4148203
DRAWN BY: JJ-REG24
SCALE: NTS
MASTER DRAWING

SHEET NO. 1

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

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3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

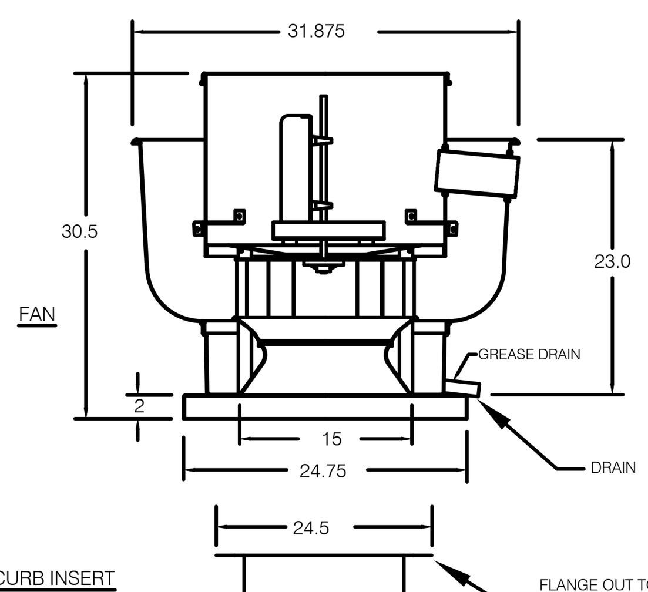
HOOD PLAN ELEVATIONS AND SECTIONS

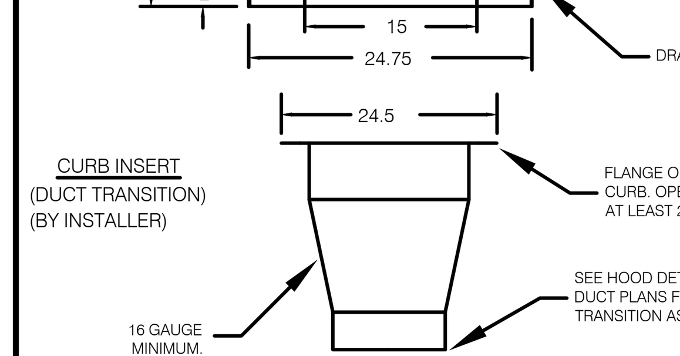
M3.0

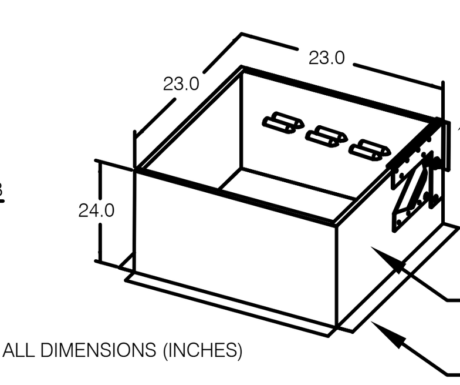
PLOT DATE: --/--/2020

STRATOVENT EXHAUST FAN

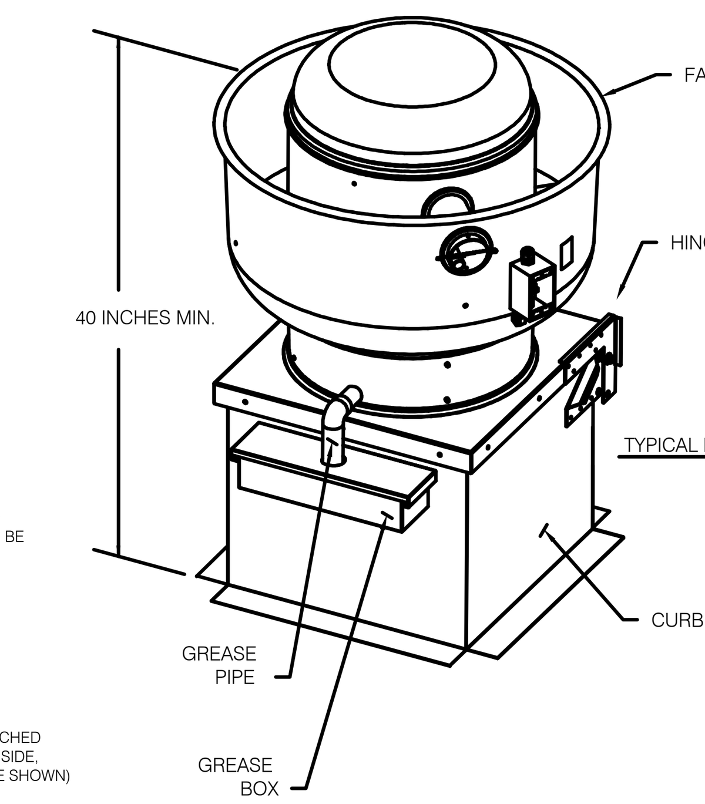
TAG	STRATOVENT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	MCA/MOP	WEIGHT (LBS.)	SONES
KEF-1	SVDU85HFA	1700	1.300	1414	0.75	0.55	1	115	9.8	12.3/20	117	15
KEF-2	SVDU85HFA	1700	1.300	1414	0.75	0.55	1	115	9.8	12.3/20	117	15



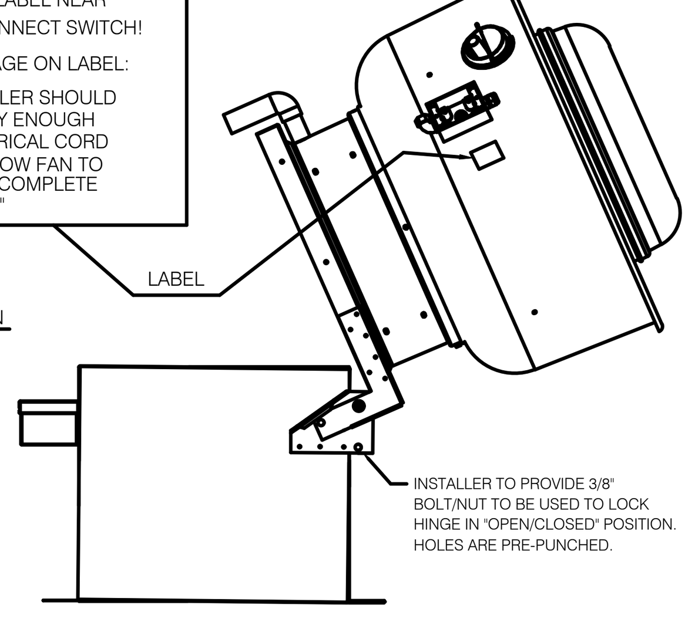




NOTE: ALL DIMENSIONS (INCHES)



ATTENTION!
INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH!
MESSAGE ON LABEL:
"INSTALLER SHOULD SUPPLY ENOUGH ELECTRICAL CORD TO ALLOW FAN TO MAKE COMPLETE SWING"



SELECTED OPTIONS
- UL762 GREASE RATED
- FACTORY SPEED CONTROLLER
- DIRECT DRIVEN
- ECM MOTOR
- WEATHERPROOF DISCONNECT
- FLAT CURB, VENTED
- FACTORY ATTACHED HINGES

AMCA CERTIFIED RATINGS SOUND and AIR PERFORMANCE

WEIGHTS
76 LBS (FAN)
41 LBS (CURB)

REVISED: 01-08-2018

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CALIFORNIA-OKLAHOMA-NORTH CAROLINA
PH: 919-573-4250
FEEDBACK@STRATOVENT.COM

MUA FAN INFORMATION

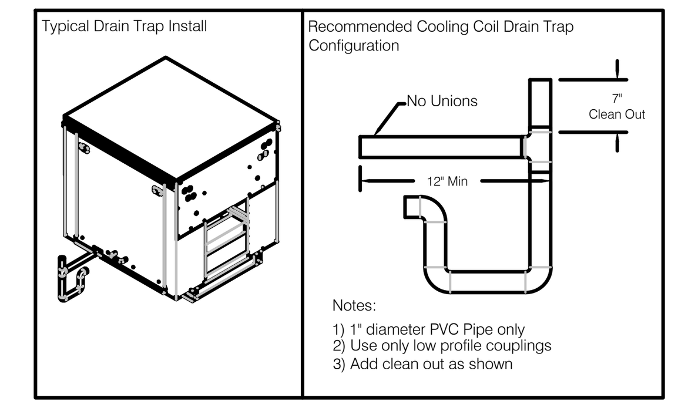
FAN UNIT NO.	TAG	STRATOVENT MODEL #	DESIGN CFM	ESP.	RPM	BLOWER H.P.	B.H.P.	Ø	VOLT	FLA	COOLING COIL ENTERING DB TEMP.	COOLING COIL ENTERING WB TEMP.	COOLING COIL LEAVING DB TEMP.	COOLING COIL LEAVING WB TEMP.	COOLING COIL TOTAL CAPACITY	COOLING COIL SENSIBLE CAPACITY	COOLING COIL LATENT CAPACITY	WEIGHT (LBS.)
3	MUA-1	SV-A2-G12-MPU	2720	0.500	962	2.000	1.2	3	208	5.7	93.0°F	77.0°F	76°F	67.5°F	96.0 MBH	44.5 MBH	51.2 MBH	1347

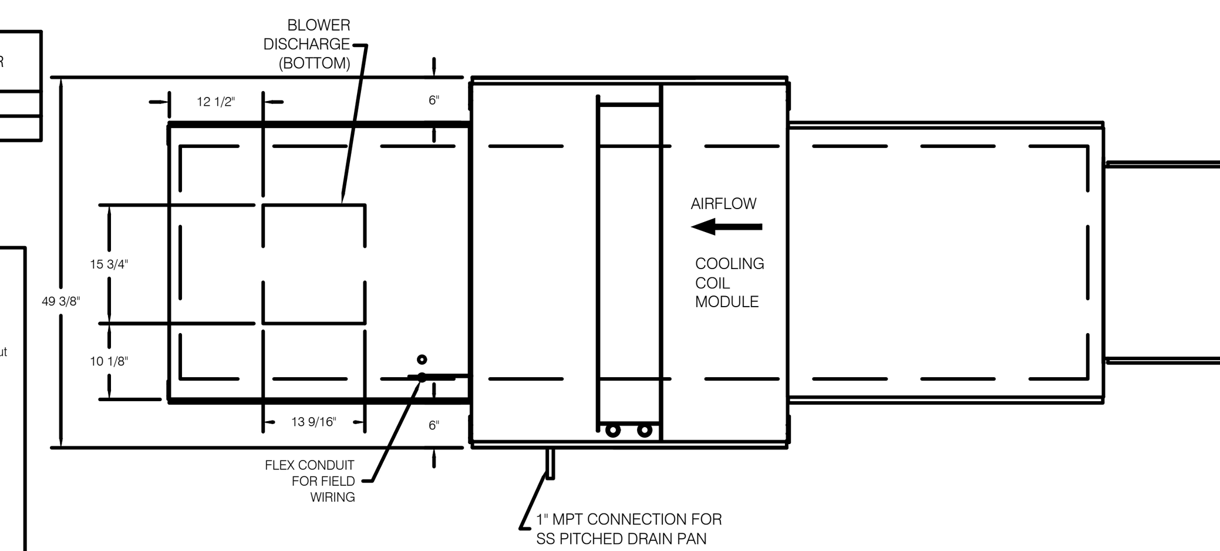
CONDENSER DETAILS

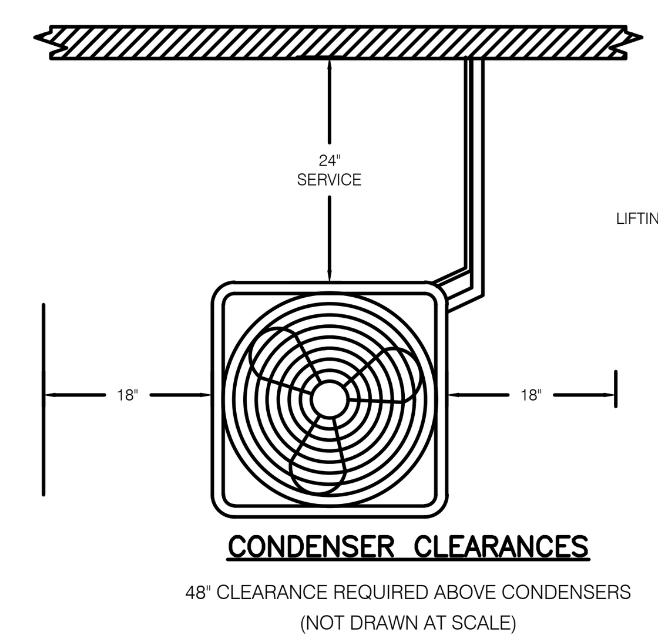
CONDENSER NO.	TONNAGE	VOLTAGE	PHASE	FREQUENCY	MCA	RLA	MAX. FUSE SIZE	MIN. WIRE SIZE	SEER
1	3	208-230	3 PHASE	60 Hz	14.5 Amps	11.9 Amps	20 Amps	10 AWG	14
2	5	208-230	3 PHASE	60 Hz	21.4 Amps	17.4 Amps	30 Amps	10 AWG	14

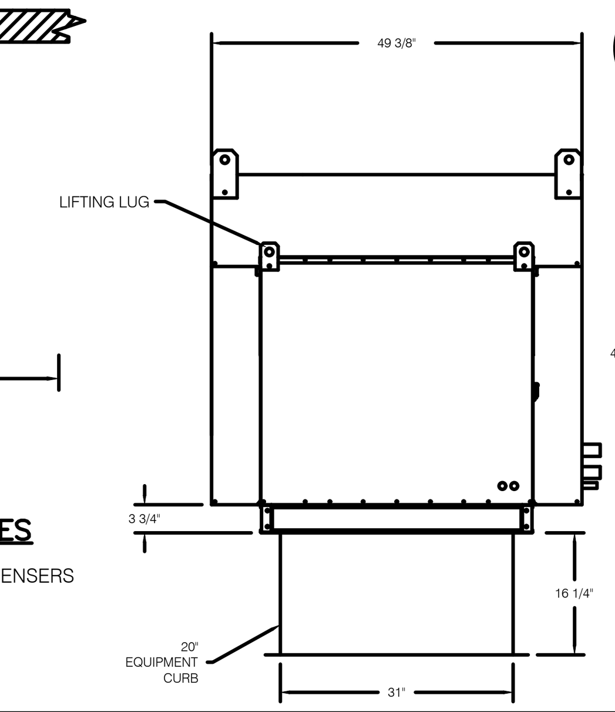
-CONDENSERS SHIP LOOSE, FIELD PIPING AND SUPPORT BY OTHERS

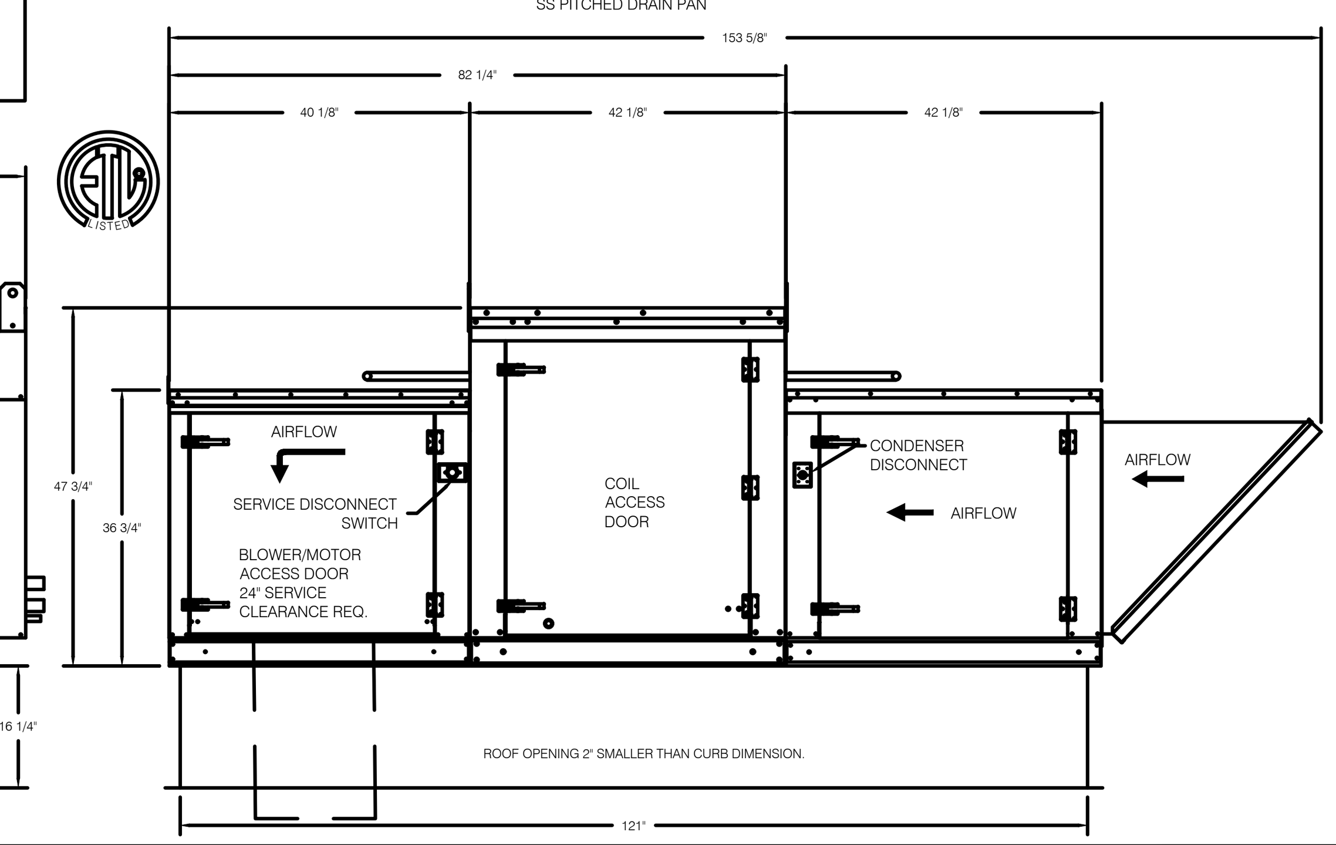
SELECTED FEATURES:
- G90 GALVANIZED HOUSING
- SIDE INTAKE, MESH FILTERS
- DOWN DISCHARGE
- PREWIRED DISCONNECT
- LIFT OUT/HINGED DOORS
- VARIABLE SPEED PULLEYS
- GRAVITY BACKDRAFT DAMPER
- FLAT CURB, 121" X 31" X 20"H







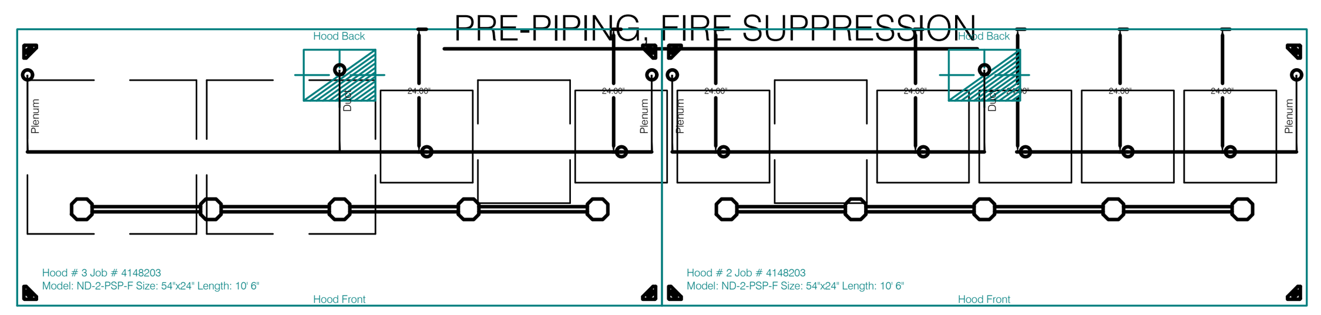




SYSTEM NOTES:

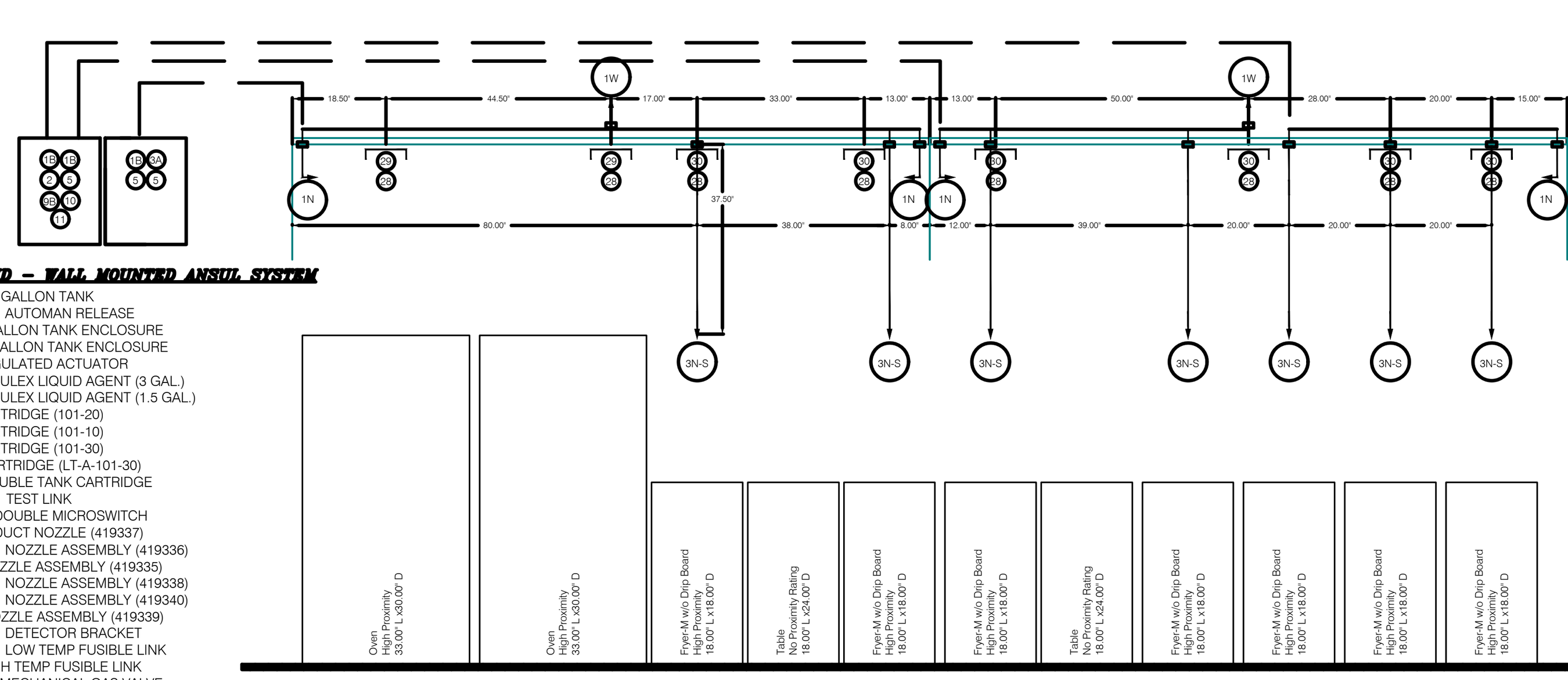
SYSTEM SIZE:	ANSUL - 9.0 GALLONS TOTAL, R102
SHOP PRE-PIPING:	6.0 GALLONS
TOTAL FLOW POINTS:	33 MAX.
HOOD 1 of 2:	10'-6" L x 54" W x 24" H
	10" x 14" EXHAUST RISER (TYP)
HOOD 2 of 2:	10'-6" L x 54" W x 24" H
	10" x 14" EXHAUST RISER (TYP)

PRE-PIPING, FIRE SUPPRESSION



PLAN VIEW

STRATOVENT



FRONT VIEW

GENERAL NOTES:

A. PRE-PIPING FROM STRATOVENT INCLUDES SLEEVING, DROPS AND NOZZLES ATTACHED TO THE HOOD. THE PARTS FOR WALL-MOUNTED SYSTEM OPTIONALLY SOURCED FROM STRATOVENT BY DISTRIBUTOR (OWNER) OR GENERAL CONTRACTOR. INSTALLATION SOURCED BY CONSTRUCTION TEAM.

B. ALL NOZZLE HEIGHT AND PLACEMENT TO BE VERIFIED BY INSTALLER AND AHJ PER ANSUL GUIDELINES. FIELD PIPE DROPS AS SHOWN.

C. MAXIMUM 9 ELBOWS IN SUPPLY LINE, MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.

D. ALL PIPING TO BE 3/8" SCH 40 BLACK IRON.

E. THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

F. SEE SCOPE OF WORK SHEETS TO DETERMINE RESPONSIBILITIES AND CONTACT INFORMATION.

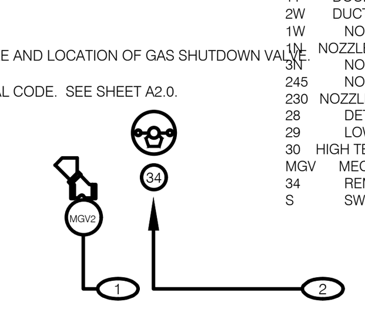
KEY NOTES:

(1) SEE GAS ISOMETRIC DRAWING FOR SIZE AND LOCATION OF GAS SHUTDOWN VALVE.

(2) LOCATION OF PULL STATION PER LOCAL CODE. SEE SHEET A2.0.

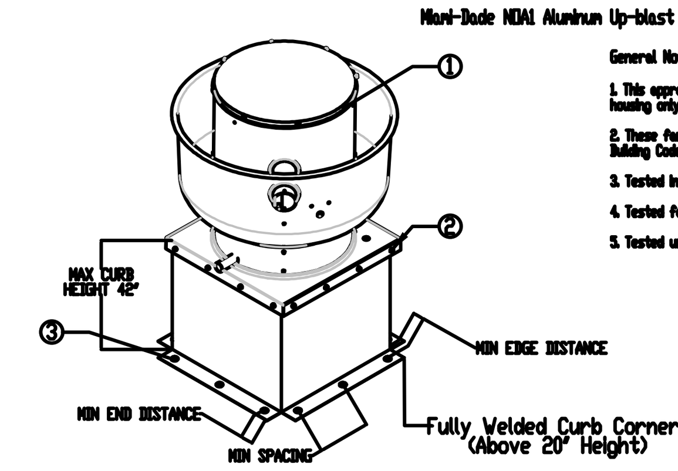
LEGEND – WALL MOUNTED ANSUL SYSTEM

1B 3.0 GALLON TANK
2 AUTOMAN RELEASE
3 3 GALLON TANK ENCLOSURE
3A 6 GALLON TANK ENCLOSURE
4 REGULATED ACTUATOR
5 ANSULEX LIQUID AGENT (3 GAL.)
6 ANSULEX LIQUID AGENT (1.5 GAL.)
7 CARTRIDGE (101-20)
8 CARTRIDGE (101-10)
9 CARTRIDGE (101-30)
9A CARTRIDGE (LT-A-101-30)
9B DOUBLE TANK CARTRIDGE
10 TEST LINK
11 DOUBLE MICROSWITCH
2W DUCT NOZZLE (419337)
1W NOZZLE ASSEMBLY (419336)
1N NOZZLE ASSEMBLY (419335)
3N NOZZLE ASSEMBLY (419338)
245 NOZZLE ASSEMBLY (419340)
230 NOZZLE ASSEMBLY (419339)
28 DETECTOR BRACKET
29 LOW TEMP FUSIBLE LINK
30 HIGH TEMP FUSIBLE LINK
MGV MECHANICAL GAS VALVE
34 REMOTE MANUAL PULL STATION
S SWIVEL ADAPTOR



FACTORY PIPING
FIELD PIPING

Miami-Dade NOA1 Aluminum Up-blast Fans



General Notes:

1. This approval is for the structural capacity and impact rating of the exterior housing only; it does not include any interior mechanism or electrical part.
2. These fans have not been wind tested for Wind Driven Rain Test per Florida Building Code, TAS100 (A)-95.
3. Tested in accordance to Florida Building Code test protocol TAS201, TAS202, TAS203.
4. Tested for areas including high velocity hurricane zones.
5. Tested under Miami-Dade County Notification number ATI-08033.

Installation Instructions:
1. SECURE LID TO FAN USING (8) 1/4"-14 X 1" ZINC PLATED STEEL SELF DRILLING SHEET METAL SCREWS WITH RUBBER WASHER SPACED EVENLY AROUND LID.

2. SECURE FAN BASE TO CURB USING 1/4"-14 X 2" GALVANIZED SELF DRILLING SCREWS (A307 OR BETTER) THROUGH PRE-PUNCHED HOLES IN THE FAN BASE. (SEE TABLE BELOW FOR QTY.)

3. SECURE CURB TO ROOF OR WALL BY DRILLING 1/4" DIA PILOT HOLES IN THE CURB FLANGE AT LOCATIONS SHOWN IN THE DIAGRAM. SEE TABLE BELOW FOR FASTENER TYPE. USE TABLE BELOW FOR FASTENER QTY.

CURB MATERIAL:
20" HIGH & LESS = 20 GA. STEEL
ABOVE 20" THRU 42" = 16 GA. STEEL

DESIGN PRESSURE: +150.0 / -150.0 PSF
LARGE MISSILE IMPACT RESISTANT

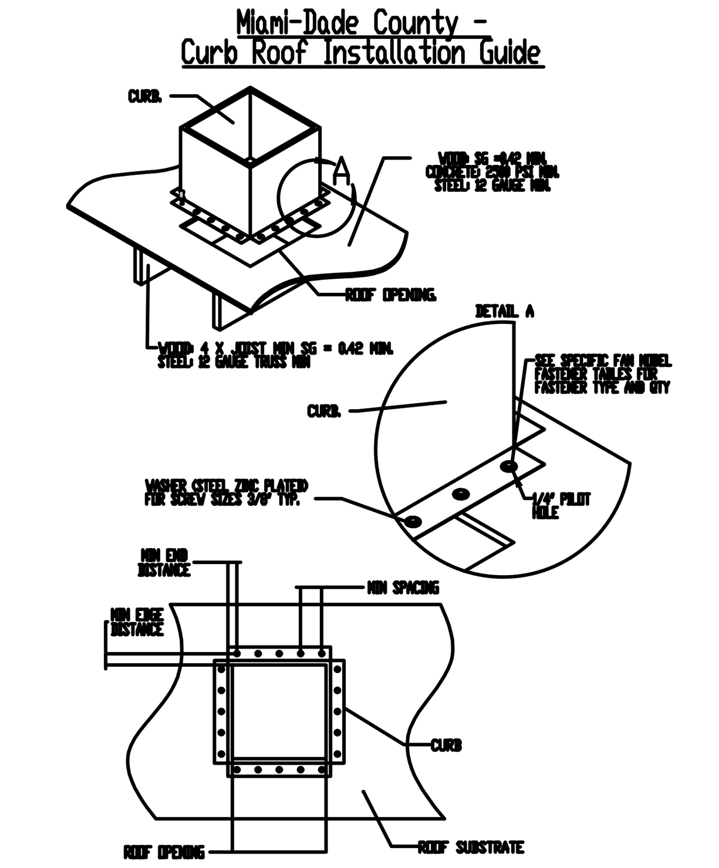
INSTALLATION FASTENER TYPES

	Fan To Curb	Wood (SG = 0.42 Min.)	Steel (12 Gauge Min.)	Concrete (2500 psi Min. Cracked Concrete)
Fastener	5/16"-18 x 2" Self Drilling Screw (ELCO DRIL-FLEX OR BETTER)	3/8" Dia. Zinc Plated Lag Bolt	1/4"-14 Dril-Flex Self Drilling Screw	3/8" Dia. SS Hilti Kwik Bolt TZ Expansion Anchor
Minimum Thread Penetration	N/A	2-1/2"	12 Gauge	2"
Minimum Edge Distance	N/A	1-1/2"	3/8"	3"
Minimum End Distance	N/A	2-5/8"	3/8"	3"
Minimum Spacing	N/A	1-1/2"	3/4"	5-1/2"

INSTALLATION FASTENER QTY

	Curb to Fan (Roof)		Curb to Fan (Wall)		Wood (Roof)		Wood (Wall)		Steel (Roof)		Steel (Wall)		Concrete (Roof)		Concrete (Wall)	
Fan Model	Per Side	Total	Per Side	Total	Per Side	Total	Per Side	Total	Per Side	Total	Per Side	Total	Per Side	Total	Per Side	Total
DU85	3	12	3	12	4	16	4	16	5	20	5	20	4	16	4	16

Miami-Dade County – Curb Roof Installation Guide

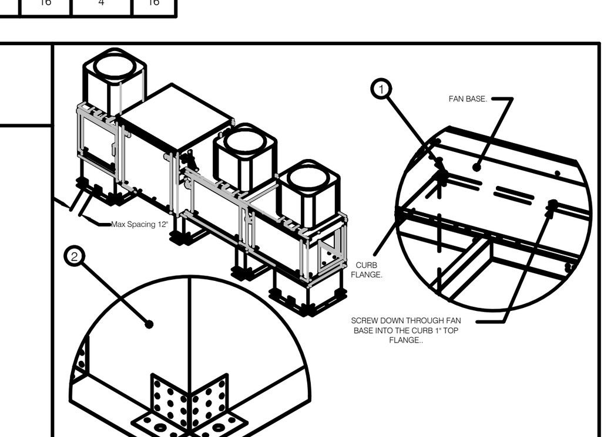


Miami-Dade – MPU Fan – NOA2

Installation Instructions:

1. Secure the fan base to the top of the curb using a minimum of (28) 1/4"-14 x 1" self drilling screws (steel zinc plated) evenly spaced on each side, secure through the fan base and into the curb.

2. Secure the curb to the roof framing members using StiffClip CL362-118 clips. Use a minimum of (2) clips per long side on each rail. Use (1) clip per short side on each rail. Use a minimum of (2) clips per side on the short side of each curb. Maximum spacing of clips on the long side of each curb is 12". For concrete, use (1) 5/8"x4" Kwik Bolt III or similar at each clip. For wood, use (2) 1/2"x3-1/2" Lag Screws at each clip. For steel, use (2) 5/16"x2" Stainless Steel bolts at each clip. Use (9) 1/4"-14 x 1" self drilling screws to attach each clip to the curb. Clip Part # CL362-118.



REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

STRATOVENT
919.573.4250 www.stratovent.com
Stratovent
4641 Paragon Park, Raleigh, NC, 27616 PHONE: (919) 573-4250 FAX: (919) 573-4251 EMAIL: jeff.johnson@stratovent.com

KFC
ADDRESS
ANYTOWN,USA

DATE: 01/07/2020

DWG.#: 4148203

DRAWN BY: JJ-REG24

SCALE: NTS

MASTER DRAWING

SHEET NO. 2

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LAND INVESTMENT SERVICES, LLC
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Suite 2064, Oviedo, FL 32765
Phone: (321) 244-0402
facsimile: (321) 244-9419

ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

△
△
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△
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△
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△

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

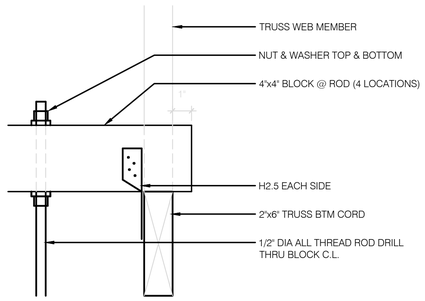
Kb 30-19

HOOD PLAN ELEVATIONS AND SECTIONS

M3.1

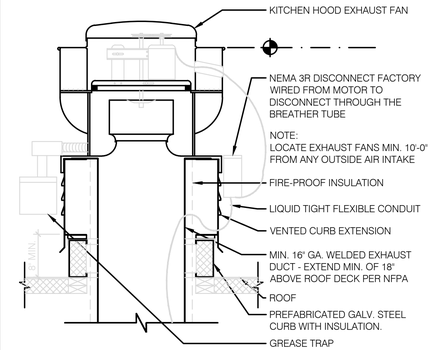
PLOT DATE: --/--/2020

NOT USED 17



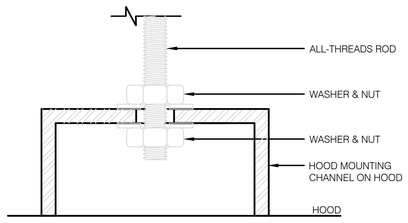
ROD ATTACHMENT 3" = 1'-0" 13

NOT USED 5

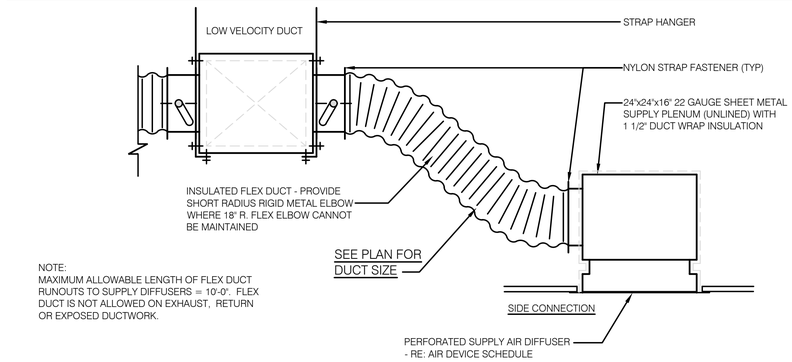


EXHAUST FAN N.T.S. 1

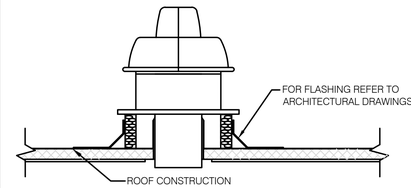
NOT USED 18



BOLT CONNECTION TO HOOD N.T.S. 14



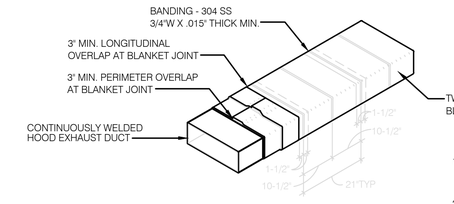
OPTIONAL KITCHEN AREA CEILING DIFFUSER (S-5) CONNECTION DETAIL N.T.S. 6



NOTE:
ALL COUNTERFLASHING DRIP SHIELD AND EXPOSED DUCTWORK SHALL BE 18 GA. GALVANIZED SHEETMETAL ALL SOLDERED AIR-TIGHT CONSTRUCTION.

ROOF MOUNTED EXHAUST CAP N.T.S. 2

NOT USED 18

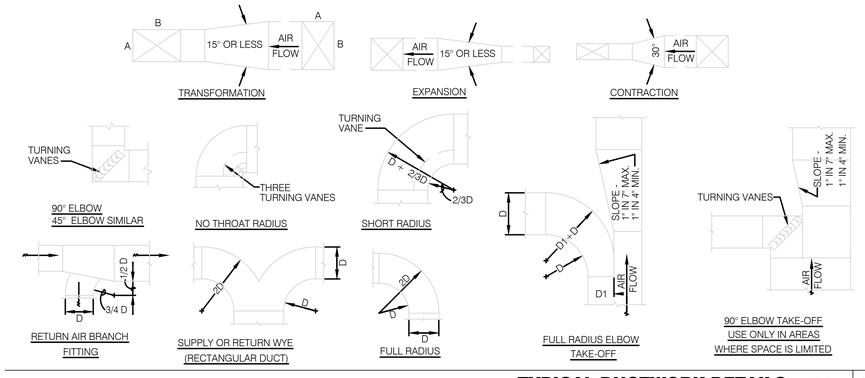


BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10-1/2" ON CENTER.

NOTES:

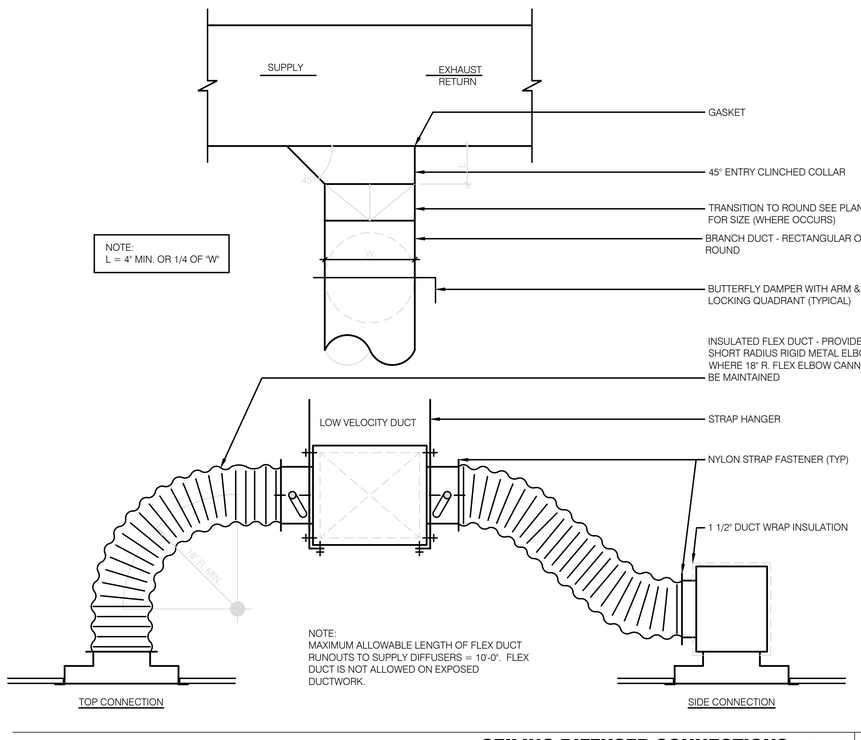
1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18" MIN. BELOW ROOF DECK.
2. FOR HORIZONTAL RUNS OF EXHAUST DUCTS PROVIDE TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2" HANGER RODS A MAXIMUM OF 6" FROM INSULATION EDGE. TRAPEZE SUPPORTS SHALL BE SPACED A MAXIMUM OF 60" ON CENTER FROM CENTERLINE OF VERTICAL EXHAUST DUCT.
3. SLOPE HORIZONTAL EXHAUST DUCT RUNS A MINIMUM OF 1/4" PER FOOT (2% SLOPE) TOWARDS EXHAUST HOOD.
4. PROVIDE INSULATED ACCESS DOOR OR PANEL NEAR MID POINT OF EXHAUST DUCT RUN FOR CLEANING AND INSPECTION OF DUCT. PROVIDE AN APPROVED SIGN ON ACCESS DOOR OR PANEL WHICH READS " ACCESS PANEL DO NOT OBSTRUCT"

KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL N.T.S. 15



TYPICAL DUCTWORK DETAILS N.T.S. 16

OPTIONAL KITCHEN AREA CEILING DIFFUSER (S-5) CONNECTION DETAIL N.T.S. 6



CEILING DIFFUSER CONNECTIONS 3 / 8" = 1'-0" 8

GENERAL NOTES

1. Exhaust duct collars may be field cut.
2. Exhaust duct air flow velocity shall be greater than 1500 FPM, lower if allowed by local codes.
3. Exhaust air flows must be balanced upon installation.
4. Fan operating speed should be rechecked after 60 days to ensure proper performance. Static pressure values are given for the hood only (unless otherwise noted).

SPECIFICATIONS

1. Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 polish. All unexposed surfaces shall be constructed of minimum 18 gauge aluminized steel.
2. UL classified aluminum or stainless steel baffle-type filters shall be easily removed for cleaning. Filter housing shall terminate in a pitched grease trough that drains into a removable stainless steel grease cup.
3. UL listed and NSF approved vapor proof light fixtures pre- wired to junction box at top of hood in accordance with NEC 70. Lamps to be screw-in CFL, provided by others.
4. Pre-piped fire suppression systems shall be located on the top of the hood and provided with the hood or by a certified technician. Final location of all nozzles and fire suppression drops to be locally approved and inspected.
5. Hood(s) shall be fabricated in accordance with NFPA Bulletin #96 and shall bear the NSF Seal of Approval. Hoods shall be listed under UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, Certified by ETL under FILE# 3054804-001.

THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVND2. MANUFACTURED BY:

STRATOVENT VENTILATION HOODS
RALEIGH, NC 27616
CONTACT: JEFF JOHNSON, 251-490-6114

HOOD NOTES AND SPECS (TYP.) 4

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

Kb 30-19

MECHANICAL SYSTEM DETAILS

M4.0

PLOT DATE: --/--/2020

1. SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.

2. ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.

3. CONTRACTOR SHALL VERIFY THE LOCATION OF THE SANITARY SEWER ON THE SITE PLAN AND SHALL REVISE THE SEWER SYSTEM AS REQUIRED.

4. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODES. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.

5. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.

6. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.

7. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.

8. PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.

9. INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.

10. PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT, FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 10"wc IS USED DOWNSTREAM FROM THE GAS METER.

11. ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.

12. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE & FOR ADDITIONAL WORK TO BE FURNISHED & INSTALLED BY CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE CONTRACTOR U.O.N.

13. REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.

14. ALL GAS LINES SHALL BE SUPPORTED.

15. ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.

16. PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.

17. PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.

18. PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.

19. COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.

20. FURNISH & INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.

21. PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.

22. THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.

23. ALL WATER LINES SHALL BE RUN OVERHEAD U.O.N.

24. ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING ANY FIXTURES OR EQUIPMENT.

25. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULK OR EXPANDING FOAM FOR SEALANT.

GENERAL NOTES — E

SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	(N)	NEW
	(E)	EXISTING
	F.D.	FLOOR DRAIN
	H.D.	HUB DRAIN
	OFD	OVERFLOW DRAIN
	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
X-X 000'		PLUMBING EQUIPMENT DESIGNATION
XXX		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIP. DRAWINGS FOR DESCRIPTION.
SS	SS	SOIL OR WASTE (SANITARY)/ WASTE STUB
GW	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
G	G	GAS / GAS STUB
CW	CW	COLD WATER / CW STUB
HW	HW	HOT WATER / HW STUB
HWR	H.W.R.	HOT WATER RETURN
	V.	SANITARY VENT
SD	S.D.	STORM DRAIN
CD	C.D.	CONDENSATE DRAIN
	F.C.O.	FLOOR CLEANOUT OR CLEANOUT TO GRADE
	W.C.O.	WALL CLEANOUT
FW	FW	FILTERED WATER
TW	TW	PREMIXED TEMPERATURE WATER
	H.B.	HOSE BIBB
	S.O.V.	SHUT-OFF GATE VALVE
	S.O.C.	SHUT-OFF GAS COCK
	C.V.	CHECK VALVE
	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
	B.V.	BALL VALVE
	C.W.	COLD WATER BELOW GRADE
	E.C.O.	EXTERIOR CLEAN OUT
	BFP	BACK FLOW PREVENTER
	FU	FIXTURE UNIT

PLUMBING LEGEND — C

GREASE INTERCEPTOR SIZING

GREASE INTERCEPTOR WAS SIZED WITH THE FOLLOWING FORMULA:

(S) x (GS) x (LF) x (HR/12) = EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS

WHERE:

S = NUMBER OF SEATS DINING
GS = GALLONS OF WASTE WATER PER SEAT
HR = NUMBER OF HOURS RESTAURANT IS OPEN
LF = LOAD FACTOR

NUMBER OF SEATS "S" = 56 SEATS
GALLONS OF WATER PER SEAT "GS" = 10.0 GAL
HOURS OPEN "HR" = 15 HOURS
LOADING FACTOR "LF" = 2.00 INTERSTATE HIGHWAY
1.50 OTHER FREEWAYS
1.25 RECREATIONAL AREA
1.00 MAIN HIGHWAY
0.75 OTHER HIGHWAY

56 S x 10 x 1.00 x (15 HR/12) = 700 GALLONS

CONTRACTOR SHALL INSTALL (1) 1000 GALLON MINIMUM GREASE INTERCEPTOR. VERIFY SIZE AND TYPE WITH LOCAL CODE OFFICIAL OR PLUMBING, BUILDING OR HEALTH CODE OFFICIAL PRIOR TO BIDDING.

GREASE TRAP DESIGN INFORMATION — F

FIXTURE	QTY.	DRAIN				COLD WATER		HOT WATER	
		F.U.	SAN. WASTE	GREASE WASTE	TOTAL F.U.	F.U. CW	TOTAL CW	F.U. HW	TOTAL HW
WATER CLOSET (WC-1)	2	4	8		12	2	6		
LAVATORY (L-1)	2	1	2		2	1.5	3	1.5	3
HAND SINK (S-1)	3	2	6		6	1.5	4.5	1.5	4.5
3-COMP. SINK (S-3) **	1					3	3	3	3
HOSE BIBB (HB-1) (HB-2)	3					2.5/1	4.5		
WATER FILTER <S-287>	1					1	1		
WATER FILTER <S-288>	1					1	1		
FLOOR DRAIN (FD-1)	11	2	4	18	22				
HUB DRAIN (HD-1)	7	2	2	12	14				
FLOOR SINK (FS-1)	2	6		12	12				
MOP SINK (S-2)	2	2		4	4	2.25	6.75	2.25	6.75
TOTAL			22	46	72		29.75		17.25

29.75 FU = 23.30 GPM — USE 1-½" COLD WATER SERVICE
17.25 FU = 18.80 GPM — USE 1" HOT WATER SERVICE

GREASE WASTE = 46 WFU — USE 4" SANITARY (GREASE)
TOTAL SANITARY= 72 WFU — USE 4" SANITARY

** FIXTURE HAS INDIRECT WASTE TO FLOOR SINK.

PLUMBING FIXTURE SUMMARY — D

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
BFP 1	BACKFLOW PREVENTOR			VERIFY				1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: 009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
DN 1	DOWNSPOUT NOZZLE	4"							CAST BRONZE BODY AND FLANGE DOWNSPOUT WITH BIRDSCREEN. MOUNT NOZZLE 12" ABOVE FINISH GRADE.	J.R. SMITH / MODEL: 3120
ECO 1	EXTERIOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
ET 1	EXPANSION TANK			3/4"					EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY. MOUNT EXPANSION TANK WITH CHECK & SHUT OFF VALVES ABOVE WATER HEATER.	WATTS SERIES DET AMTROL SERIES ST WILKINS SERIES WXTP
FCO 1	FLOOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
FD 1	FLOOR DRAIN	3"	1-1/2"				2		PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL:1103
FS 1	FLOOR SINK	4"	2"				6		PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPFS4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
GI 1	GREASE INTERCEPTOR	6"							PROVIDE 1,000 GALLON GREASE INTERCEPTOR OR SIZE AS REQUIRED BY AHJ. SEE CIVIL PLAN FOR EXTERIOR GREASE INTERCEPTOR SIZE AND LOCATION.	
HB 1	HOSE BIBB			3/4"				2.5/1	FREEZELESS WALL FAUCET WITH INTEGRAL VACUUM BREAKER, BRONZE CASING MAX PRESSURE OF 125 PSI, SLOPE HOSE BIBB TO DRAIN TO EXTERIOR, INSULATE PIPES IN WALL	WOODFORD / MODEL: 19
HB 2	HOSE BIBB			3/4"				2.5/1	WALL FAUCET WITH INTEGRAL VACUUM BREAKER MAX PRESSURE OF 125 PSI	WOODFORD / MODEL: 24
HD 1	HUB DRAIN	3"	1-1/2"				2		CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
L 1	LAVATORY	2"	1-1/2"			1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, SINGLE HOLE, ADA ACCESSIBLE. FLAT GRID STRAINER. FAUCET: SINGLE HOLE: POLISHED CHROME SEE 4 / P6.0 FOR LAV SUPPORT DETAIL.	LAVATORY: KOHLER / MODEL: K-2084 FAUCET: KOHLER / MODEL: K-18140-CP
									ALTERNATE SPECIFICATION; VERIFY with OWNER FAUCET: SINGLE HOLE SUPPLY, HARD WIRED, BATTERED SENSOR OPERATED FAUCET WITH "Y" STRAINER FILTERED SOLENOID VALVE AND 0.5 GPM AERATOR. TRIM: GRID DRAIN WITH TAILPIECE, LOOSE KEY COMPRESSION, ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS. P-TRAP: 1-1/4" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTABLE P-TRAP AND WASTE ARM WITH CLEANOUT PLUG AND ESCUTCHEON, CONCEALED ARM CARRIER WITH STANCHIONS TO FLOOR, AND TRUEBRO. HANDI LAV-GUARD: INSULATION KIT FOR WATER AND WASTE PIPES.	SLOAN / MODEL: EAF-275-ISM McGUIRE / MODEL: 155A McGUIRE / MODEL: 2165CCLK McGUIRE / MODEL: 8872CF HANDI LAV-GUARD / MODEL: 102
MV 1	MIXING VALVE			1/2"	1/2"				THERMOSTATIC, 125 PSI SET POINT, BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	HYDROTEK SERIES HBL LAWLER SERIES 61 LEONARD SERIES 210
OFD 1	OVERFLOW DRAIN	4"							DUCO CAST BRONZE BODY AND FLASHING COLLAR WITH COMBINED FLASHING CLAMP AND CAST IRON DOME, 2" PVC STANDPIPE AND UNDER-DECK CLAMP.	JOSAM / MODEL: 21500
RD 1	ROOF DRAIN	4"							DUCO CAST BRONZE BODY AND FLASHING COLLAR WITH COMBINED FLASHING CLAMP AND CAST IRON DOME, SUMP RECEIVER AND UNDER-DECK CLAMP.	JOSAM / MODEL: 21500
S 1	HAND SINK	2"	1-1/2"			1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/FOOT VALVE PER DETAIL 3 / P6.0.	
S 2	MOP SINK	3"	1-1/2"	1/2"	1/2"		2	2.25	AERO MANUFACTURED MOP SINK (1), 3MP27276. 30" x 30" x 6", FURNISHED WITH WALL PANELS.	
S 3	3-COMP. SINK	INDIRECT		1/2"	1/2"			3	SINK, FAUCET, DRAIN & PRE-RINSE KIT	
SA 1	SHOCK ARRESTOR			1/2"					STAINLESS STEEL CASING WITH STAINLESS STEEL BELOW, PRECHARGED WITH NITROGEN. SIZED PER PDI-WH201	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
WC 1	WATER CLOSET	4"	2"	1/2"			4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.6 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSENITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS	AM. STD. "CADET" / MODEL: 3109.016/4098.800 KOHLER "HIGHLINE" / MODEL: K-3544-T CRANE "ECONMISER" / MODEL: 3H839
WCO 1	WALL CLEANOUT								CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
WH 1 WH 2	WATER HEATER			1-1/4"	1-1/4"				GAS FIRED TANKLESS WATER HEATER, 82% THERMAL EFF., 199,000 BTUH INPUT, 4.7 GPM @ 70 DEG. RISE REC. RATE, CONCENTRIC VENTING, 140 DEG SETPOINT, 120V CONTROL	RINNAI / MODEL: RL94i (REU-VC2837FFUD-US)
RCP 1	RECIRC. PUMP				3/4"				RECIRCULATION PUMP WITH INTEGRAL AQUASTAT AND 24-HOUR TIMER. 4 GPM @ 10' HEAD.	ARMSTRONG ASTRO SERIES

PLUMBING SCHEDULE — A

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

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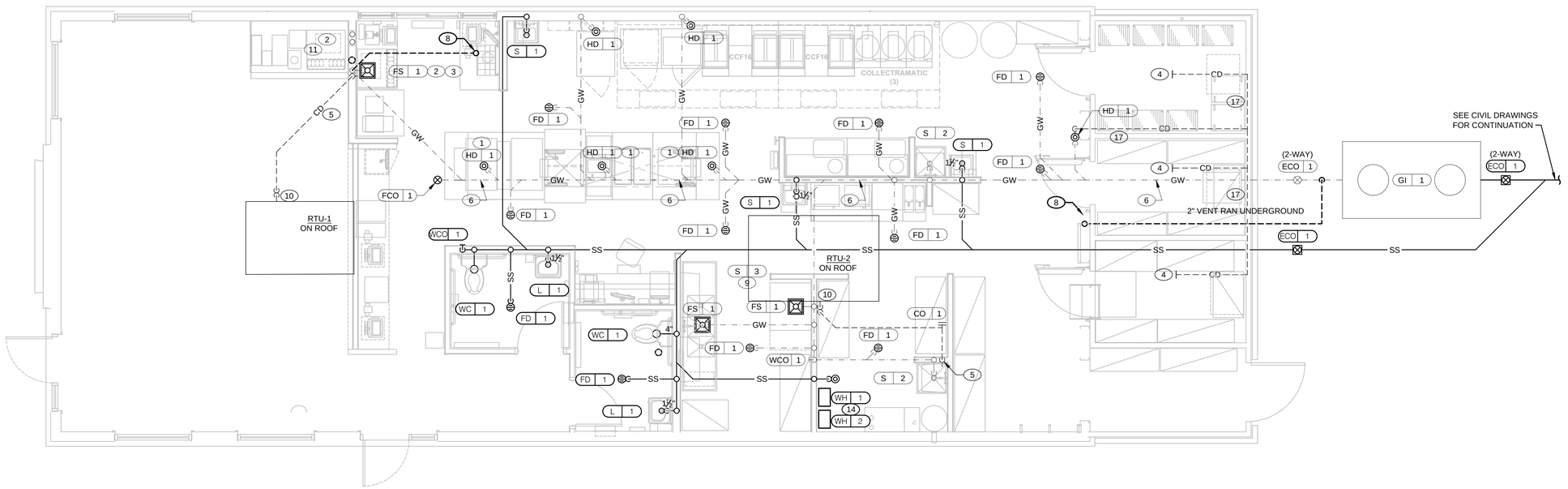
OCALA, FL

Kb 30-19

PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE: --/--/2020



WASTE & VENT PLAN 1/4"=1'-0" | A

NOT USED | E

NOT USED | D

WASTE & VENT PLAN NOTES | C

A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF WATER PLY. REFER TO ROOF PLAN FOR LOCATIONS.

B. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.

C. STORM WATER PIPING IS SIZED FOR A RAINFALL OF 4" PER HOUR. ADJUST ROOF DRAIN (RD-1) / OVERFLOW DRAIN (OFD-1) SIZE, AND STORM PIPE SIZE, PER THE LOCAL RAINFALL REQUIREMENTS AND BY THE AUTHORITY HAVING JURISDICTION. SEE KEYNOTES 15 AND 16, THIS SHEET.

D. INSULATE ALL HORIZONTAL RUNS OF STORM DRAINAGE PIPING ABOVE THE CEILING OR EXPOSED WITH 1" CLOSED CELLULAR INSULATION WITH VAPOR BARRIER JACKET THAT CAN BE PAINTED.

E. COORDINATE LOCATION OF STORM WATER PIPING ABOVE CEILING WITH ALL TRADES PRIOR TO INSTALLATION.

KEY NOTES | B

1. PROVIDE FLOOR SINK, IN LIEU OF HUB DRAIN, IF REQUIRED BY LOCAL CODE.
2. PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO FLOOR SINK. PROVIDE AIR GAP PER LOCAL CODE.
3. PROVIDE WASTE LINES FROM BEVERAGE UNIT TO FLOOR SINK. PROVIDE AIR GAP PER LOCAL CODE.
4. PROVIDE 3/4" PVC OR COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO RUN INSIDE WALL AND OUTFALL AT MOP SINK/FLOOR SINK (HEAT ROPE IS SUPPLIED W/ FREEZER CONDENSATE). EXPOSED PORTION OF CONDENSATE SHALL BE COPPER.
5. PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF, RUN ABOVE CEILING TO MOP SINK/FLOOR SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
6. ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTLET OF INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
7. NOTE NOT USED.
8. 4" VENT UP THROUGH ROOF, COORDINATE W/ STRUCTURAL.
9. PIPE 3-COMPARTMENT SINK TO GREASE WASTE PIPING.
10. 1-1/2" CONDENSATE DRAIN DOWN FROM RTU. SEE DETAIL 13 ON DWG. P6.0.
11. RUN DRAIN LINE FROM S/S DRINK MACHINE THRU WALL OPENING TO OUTFALL AT FLOOR SINK BENEATH D/T DRINK MACHINE..
12. NOT USED.
13. 1-1/2" CONDENSATE DRAIN PIPE DOWN TO MOP SINK/HUB DRAIN. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
14. WATER HEATER CONDENSATE. SEE DETAIL 2 / P6.0.
15. NOTE NOT USED.
16. NOTE NOT USED.
17. HEAT TRACE WASTE PIPING BELOW FREEZER/COOLER.

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ROBERT WAYNE CASE
FLORIDA PE. #44643

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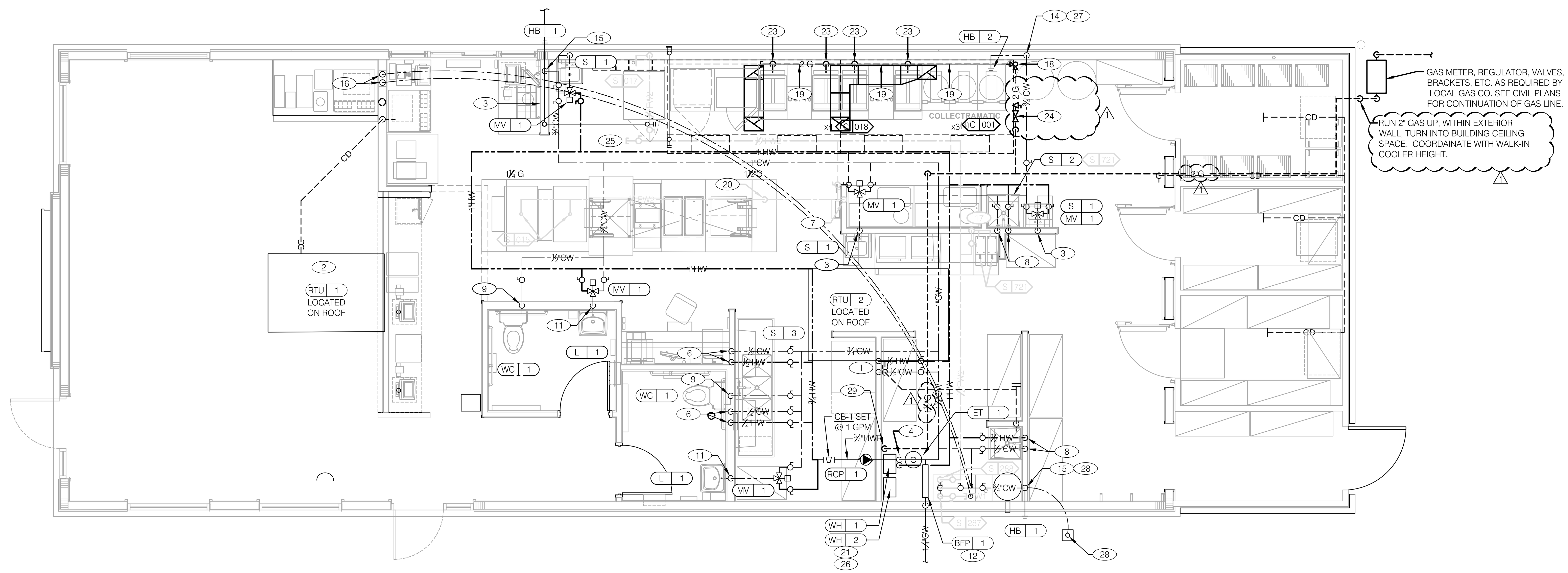
WASTE AND VENT PLAN

P2.0

PLOT DATE: --/--/2020



WATER & GAS PLAN 1/4"=1'-0" **A**

A. WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.

B. NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF "WATER VALLEYS", REFER TO ROOF PLAN FOR LOCATIONS.

C. REFER TO SHT P4.0 FOR ROUGH-IN LOCATIONS.

D. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.

E. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WATER SUPPLY PIPING SIZES.

F. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL GAS PIPING SIZES.

NOT USED **E**

WATER & GAS PLAN NOTES **D**

1. NOT USED
2. NOT USED
3. ½" TEMPERED WATER LINE DOWN IN WALL TO HAND SINK.
4. 1" HOT AND COLD WATER LINES TO WATER HEATER.
5. ½" HOT AND COLD WATER LINES IN DOWN WALL TO PREP SINK.
6. ½" HOT AND COLD WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
7. ½" FILTERED WATER LNE DOWN IN WALL TO BELOW SLAB. DO NOT INSTALL ANY JOINTS BELOW SLAB.
8. ½" HOT AND COLD WATER LINES DOWN IN WALL TO THE MOP SINK.
9. ½" COLD WATER LINE DOWN IN WALL TO WATER CLOSET FLUSHOMETER TANK.
10. REDUCED PRESSURE BACKFLOW PREVENTER LOCATED ABOVE THE CEILING IF ALLOWED BY LOCAL UTILITY. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. PIPE RELIEF TO HUB DRAIN. VERIFY LOCATIONS WITH CIVIL DWGS. VERIFY WATER SERVICE REQUIREMENTS WITH CITY.
11. ½" TEMPERED WATER LINE DOWN IN WALL TO LAVATORY.
12. ¾" COLD WATER LINE DOWN IN WALL TO WATER FILTERS <S-287> and <S-288>. SEE KEYNOTES 13 AND 16, THIS SHEET.
13. ½" FILTERED WATER LINE FROM WATER FILTER <S-288> TO HOT HOLDING CABINETS <S-015> / <S-017> AND HOT WATER MACHINES <P-721>. SEE DRAWINGS A2.0, P5.0, AND P6.0. SEE KEYNOTES 7 and 17, THIS SHEET.
14. ½" COLD WATER LINE DOWN IN WALL TO INTERIOR HOSE BIBB. SEE KEYNOTE 27, THIS SHEET.
15. ½" COLD WATER LINE DOWN IN WALL TO EXTERIOR HOSE BIBB.
16. BUNDLED SYRUP LINES FROM FILTER <2-287> TO BEVERAGE DISPENSERS <S-532> AND FILTERED WATER LINES TO ICE CUBERS <S-512>. SEE DRAWINGS A2.0, A7.1, P5.0 AND P6.0.
17. ½" FILTERED WATER DOWN IN WALL TO BUNN HOT WATER MACHINES <P-721> (Qty. 2). BRANCH-OFF FOR EACH DISPENSER, STUB OUT OF WALL @ 6'-0" A.F.F. PROVIDE MANUAL CUT-OFF VALVE FOR EACH DISPENSER. SEE ELEVATION 7 / A8.2 FOR REFERENCE.
18. 2" WALL-MOUNTED GAS PIPE DOWN WALL TO COOKING EQUIPMENT. COORDINATE LOCATION w/ WALK-IN COOLER BOX.
19. 2" GAS MANIFOLD ALONG WALL TO COOKING EQUIPMENT. MOUNTING HEIGHT @ 12" A.F.F.
20. ½" FILTER WATER STUB-UP FROM BELOW SLAB TO 1" A.F.F. FOR CONNECTION TO HEATED CABINETS <S-015> (Qty. 2) and <S-017> (Qty. 2). SEE KEYNOTE 7, THIS SHEET.
21. 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATERS, PIPE INTAKE THRU ROOF AND EXHAUST THRU REAR WALL AS RECOMMENDED BY MANUFACTURER. SEE SHEET M2.0 AND DETAIL 2/P6.0.
22. 1" GAS CONNECTION FOR FUTURE / OPTIONAL SINGLE OPEN FRYER; SEE SHEET P5.0. VERIFY WITH OWNER.
23. 1" GAS CONNECTION TO EACH PRESSURE FRYER. PROVIDE FLEXIBLE HOSE KIT AS INDICATED ON ARCHITECTUAL DRAWING A2.1.
24. EMERGENCY GAS SHUT-OFF VALVE LOCATED BELOW CEILING.
25. OPTIONAL COFFEE AND TEA MAKERS: VERIFY WITH OWNER IF REQUIRED. PROVIDE ½" FILTER WATER TO EACH IF REQUIRED.
26. WATER HEATER (WH-1) AND (WH-2). PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO FLOOR SINK. SEE WATER HEATER DETAIL 2 / P6.0.
27. PROVIDE 3/4" HOSE BIB CONNECTION. ROUGH-IN @ 24" A.F.F.
28. 1" COLD WATER LINE DOWN IN WALL TO EXTERIOR IRRIGATION VALVE BOX. COORDINATE WITH IRRIGATION TIMER (IR-01) LOCATED IN MANAGER'S OFFICE; COORDINATE WITH ELECTRICAL.
29. 1½" GAS PIPE DOWN TO WATER HEATERS.
30. NOTE NOT USED.
31. PROVIDE ¾" COLD WATER SUPPLY STUB UP AND SHUT OFF VALVE FOR FUTURE CONNECTION TO ROOF TOP HOSE BIBB.

KEY NOTES **B**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

1	4/29/2020 BLDG DEPT COMMENTS

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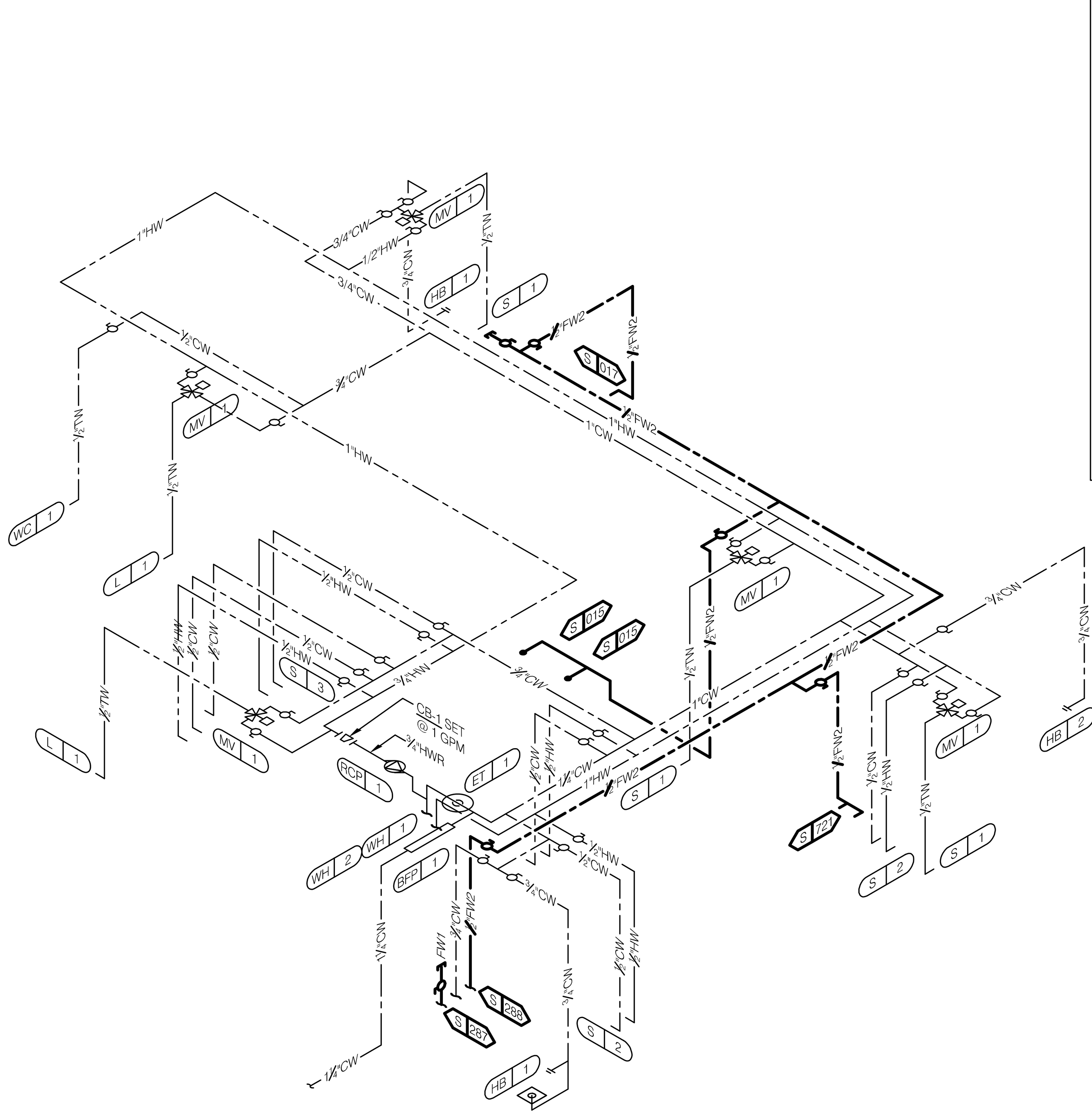
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

WATER AND GAS PLAN

P3.0

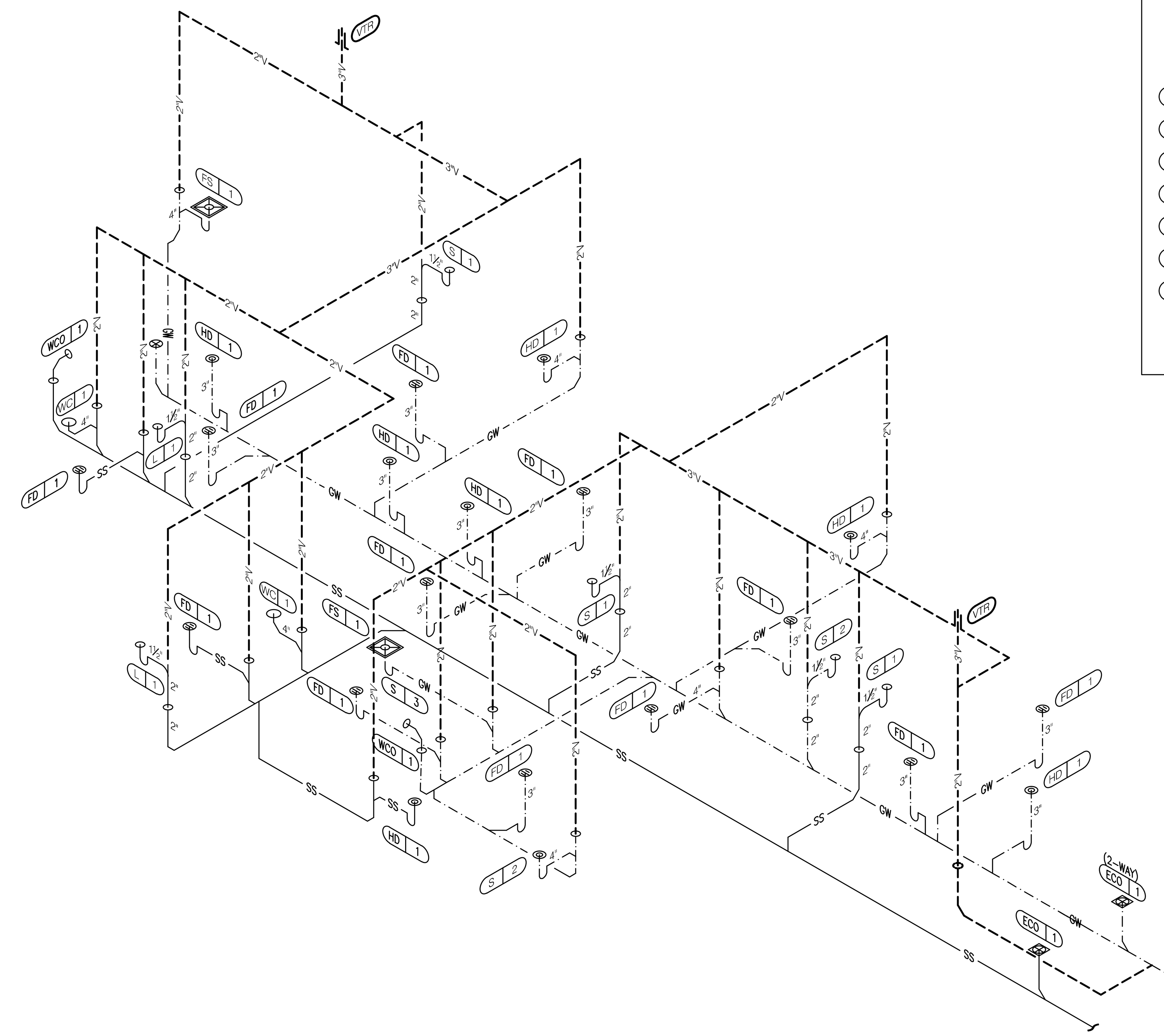
PLOT DATE: --/--/2020



SUPPLY WATER LINE LEGEND:

CW	COLD WATER	
HW	HOT WATER	
TW	TEMPERED WATER	
HB 1	HOSE BIBB:	¾" CW
HB 2	HOSE BIBB:	¾" CW
L 1	LAVATORY:	½" TW
S 1	HAND SINK:	½" TW
S 2	MOP SINK:	½" CW : ½" HW
S 3	3-COMP SINK:	½" CW : ½" HW
WC 1	WATER CLOSET:	½" CW
S-287	WATER FILTER:	¾" CW
S-288	WATER FILTER:	¾" CW
	SEE PLUMBING SCHEDULE A / P1.0.	

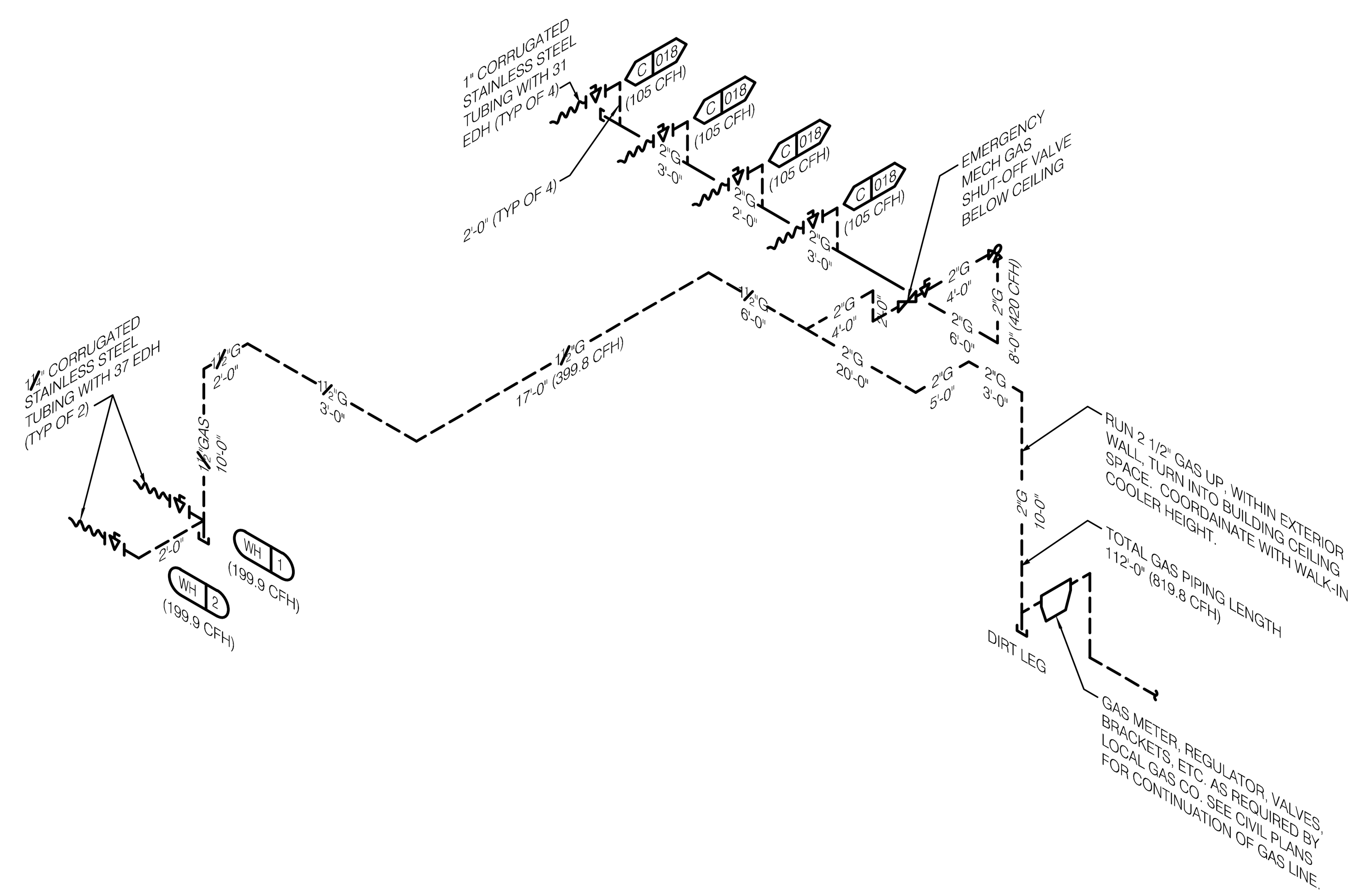
HOT / COLD / TEMPERED WATER ISOMETRIC N.T.S. 4



WASTE / VENT LINE LEGEND:

SS	SANITARY WASTE	
GW	GREASE WASTE	
V	VENT	
VTR	VENT THRU ROOF	
FD 1	FLOOR DRAIN:	3" WASTE
FS 1	FLOOR SINK:	4" WASTE
HD 1	HUB DRAIN:	3" WASTE
L 1	LAVATORY:	2" WASTE
S 1	HAND SINK:	2" WASTE
S 2	MOP SINK:	3' WASTE
GI 1	GREASE INTERCEPTOR:	6" WASTE
	SEE PLUMBING SCHEDULE A / P1.0.	

WASTE / VENT ISOMETRIC N.T.S. 1



GAS DEMAND SCHEDULE

	WH-1	199.9 CFH
	WH-2	199.9 CFH
C-018	PRESSURE FRYER	105 CFH
C-018	PRESSURE FRYER	105 CFH
C-018	DUAL OPEN FRYER	210 CFH
TOTAL DEMAND		819.8 CFH = 819,800 BTUH

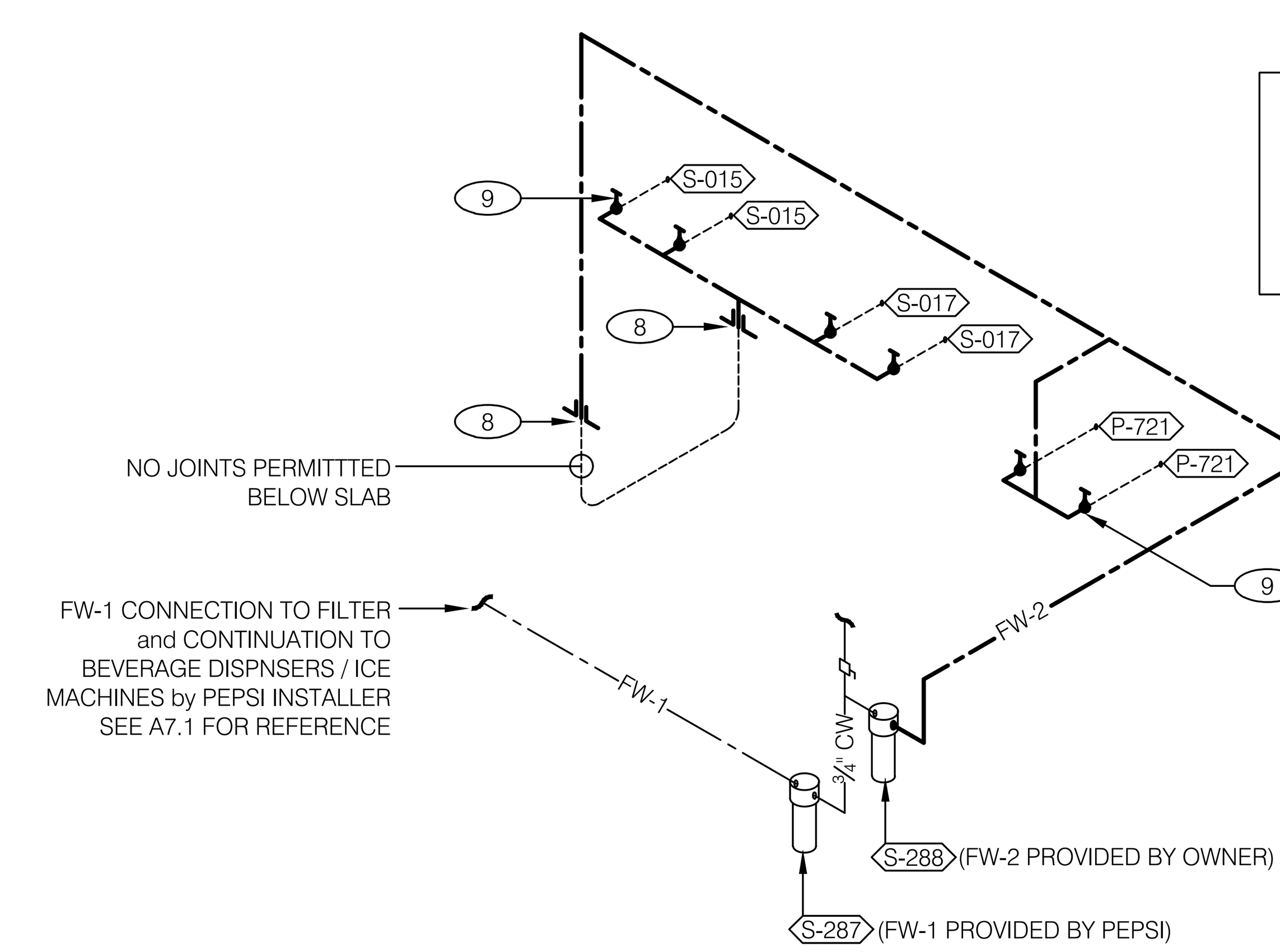
PIPE SIZE BASED ON 125' EQUIVALENT LENGTH OF PIPE AND 7" W.C., 0.50 W.C. PRESSURE DROP, PER 2017 FBC-FUEL GAS, SIXTH EDITION, TABLE 402.4(2).

GAS PIPING: FOR ABOVE GROUND INSTALLATIONS, ALL FITTINGS TO BE JOINED WITH TEFLON TAPE SEAL OR OTHER SUITABLE SEAL AND MADE IN CONFORMANCE WITH THE BEST PRACTICES OF AGA AND NFPA 54. UNIONS SHALL BE CAST BLACK IRON AND INSTALLED IN A MANNER SUCH THAT NO STRESS WILL BE PLACED ON THE MALE-FEMALE SEALING SURFACES. PROPER ALIGNMENT WILL BE MADE AT TIME OF INSTALLATION. ALL JOINTS AND CONNECTIONS SHALL BE THOROUGHLY CLEANED OF OIL, THREAD CUTTINGS AND RESIDUALS TO ACCEPT ENAMEL PAINT. ROUGH OR SHARP EXPOSED THREAD SURFACES SHALL BE FILED SMOOTH. TESTING SHALL BE AS OUTLINED UNDER SECTION 15A, PARAGRAPH II, TESTS.

A. MATERIALS: BLACK CARBON STEEL, SCH. 40 WITH MALLEABLE IRON THREADED FITTINGS.
B. PAINTING: PAINT ALL GAS PIPING EXPOSED TO WEATHER WITH ONE COAT OF PRIMER, AND TWO COATS OF RUST-PROOF PAINT. COLOR SHALL MATCH BUILDING COLORS. COORDINATE WITH G.C.

1

GAS ISOMETRIC N.T.S. 5



FILTERED WEATER LINE LEGEND:

FW-1 ½"
FW-2 ½"
FW-2 ½" BELOW SLAB
FW-2 ¼" TO EQUIPMENT

FW-1 FILTERED EQUIPMENT:

S-287 - WATER FILTER

FW-1 FILTERED LINE (COLD WATER):

S-512 - ICE CUBER - ABOVE SELF-SERVE BEVERAGE DISPENSER *
S-512 - ICE CUBER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *
S-532 - DRIVE-THRU BEVERAGE DISPENSER *
S-532 - SELF-SERVE BEVERAGE DISPENSER *

* FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

FW-2 FILTERED EQUIPMENT:

S-288 - WATER FILTER

FW-2 FILTERED LINE (COLD WATER / HARD PIPING):

S-015 - ½ HEIGHT HEATED CABINETS (Qty. 2)
S-017 - FULL HEIGHT HEATED CABINET (Qty. 2)
P-721 - BUNN HOT WATER DISPENSER (Qty. 2)

FILTERED WATER ISOMETRIC N.T.S. 2

1. ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR AS REQUIRED BY CODE.
2. 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
3. 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
4. THERMOSTATIC MIXING VALVE.
5. REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. VERIFY LOCATIONS WITH CIVIL DRAWINGS.
6. EMERGENCY GAS SHUT-OFF VALVE SHALL BE A MECHANICALLY OPERATED VALVE ACTIVATED BY THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH IBC AND NFPA. LOCATE SHUT-OFF BELOW FINISH CEILING.
7. FACTORY GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
8. 1/2" FILTERED WATER, CONTINUE BELOW SLAB, ROUTE UP THROUGH FLOOR CAP PIPE 1" A.F.F. FOR CONNECTION TO HEATED CABINETS <S-015> / <S-017>.
9. 1/2" FILTERED WATER; TERMINATE WITH BALL VALVE / TRANSITION TO ¼" LINE FOR CONNECTION TO EQUIPMENT.
10. GAS SHUT-OFF VALVE IN CEILING SPACE BY G.C.
11. PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN. RUN FULL SIZE PIPE FROM VALVE WITH TYPE "K" COPPER TUBING.
12. PROVIDE TRAP PRIMERS AS REQUIRED PER CODE.
13. IRRIGATION VALVE BOX. COORDINATE WITH ENLARGED PLAN 3 / E3.1 and COMMUNICATIONS PLAN E5.0.
14. DIRT LEG.
15. 2" GAS MANIFOLD; WALL MOUNTED 12" A.F.F.
16. PROVIDE 1" GAS LINE, CAPPED-OFF (FOR FUTURE TIE-IN).
17. PROVIDE 1" GAS LINE FOR FUTURE / OPTIONAL SINGLE OPEN FRYER <C-017>; VERIFY WITH OWNER.

KEYNOTES 3

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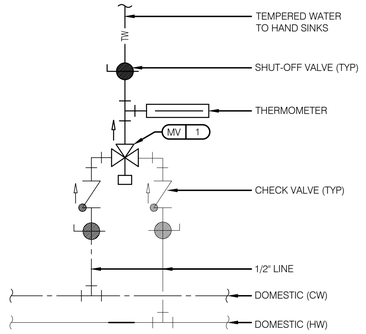
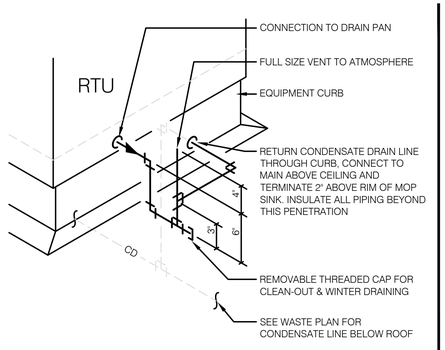
RISER DIAGRAMS

P4.0

PLOT DATE: --/--/2020



TEMPERING VALVE N.T.S. **17**



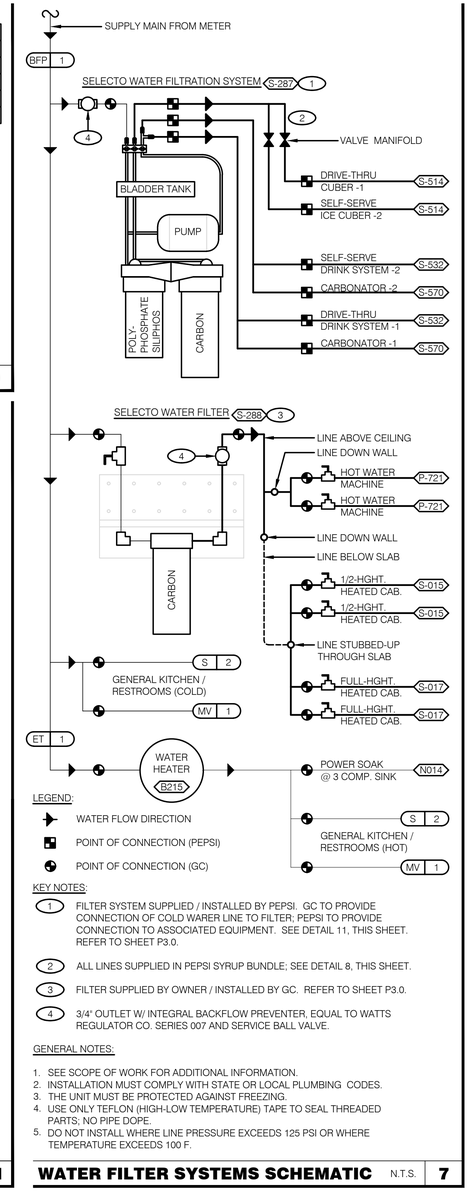
RTU CONDENSATE N.T.S. **13**

QTY	MODEL #	DESCRIPTION
1	EF100T199E3N	BWC HIGH EFFICIENCY COMMERCIAL WATER HEATER
1	MFK7	MANIFOLD KIT *
1	DET12	EXPANSION TANK
1	HAL	ALARM LIGHT W/ INSTALLATION INSTRUCTIONS
1	PK100	STAND

THE FOLLOWING IS INCLUDED IN THE MANIFOLD KIT:

QTY	DESCRIPTION	QTY	DESCRIPTION
1	3/4" BLK GAS COCK	1	1 1/2" CHECK VALVES CXC
1	3/4" BLK UNION	1	1 1/2" GALV ST 90
1	3/4" BLK TEE	1	1 1/2" CX ST 90
1	3/4" BLK CAP	1	HPT-507 1/2" P-TRAP
3	3/4" x 2 1/2" BLK NIPPLE	1	1/2" P4 SMA
1	3/4" x 4 BLK NIPPLE	1	1 1/2" x 1 1/2" x 1/2" TEE COPPER
1	3/4" THD BALL VALVE	1	DIAL THERMOMETER
2	1 1/2" FX UNION	1	1/2" COPPER FEMALE FITTING ADAPTER
6	1 1/2" CXC 90	1	3" PVC 90°
1	1 1/2" CXC TEE	1	1/2" PVC STREET 90°
2	1 1/2" BALL VALVES CXC	1	1/2" PVC 90° ELBOW

WATER HEATER SCHEDULE N.T.S. **9**



LEGEND:

- WATER FLOW DIRECTION
- POINT OF CONNECTION (PEPSI)
- POINT OF CONNECTION (GC)

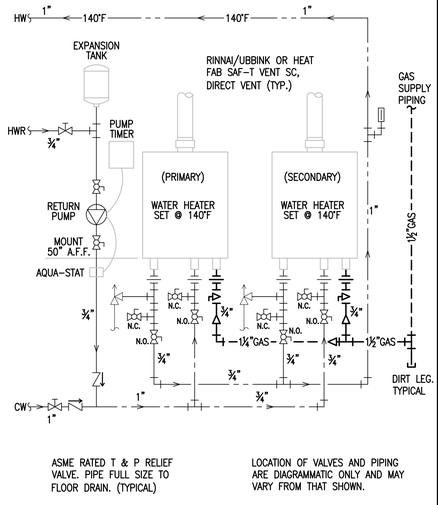
KEY NOTES:

1. FILTER SYSTEM SUPPLIED / INSTALLED BY PEPSI. GC TO PROVIDE CONNECTION OF COLD WARER LINE TO FILTER; PEPSI TO PROVIDE CONNECTION TO ASSOCIATED EQUIPMENT. SEE DETAIL 11, THIS SHEET. REFER TO SHEET P3.0.
2. ALL LINES SUPPLIED IN PEPSI SYRUP BUNDLE; SEE DETAIL 8, THIS SHEET.
3. FILTER SUPPLIED BY OWNER / INSTALLED BY GC. REFER TO SHEET P3.0.
4. 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.

GENERAL NOTES:

1. SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
2. INSTALLATION MUST COMPLY WITH STATE OR LOCAL PLUMBING CODES.
3. THE UNIT MUST BE PROTECTED AGAINST FREEZING.
4. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
5. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.

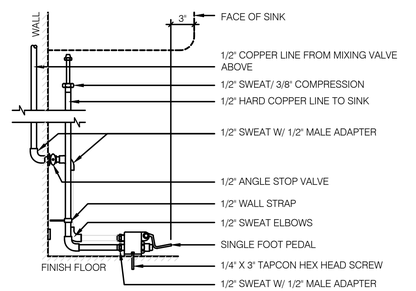
WATER FILTER SYSTEMS SCHEMATIC N.T.S. **7**



ASME RATED T & P RELIEF VALVE. PIPE FULL SIZE TO FLOOR DRAIN. (TYPICAL)

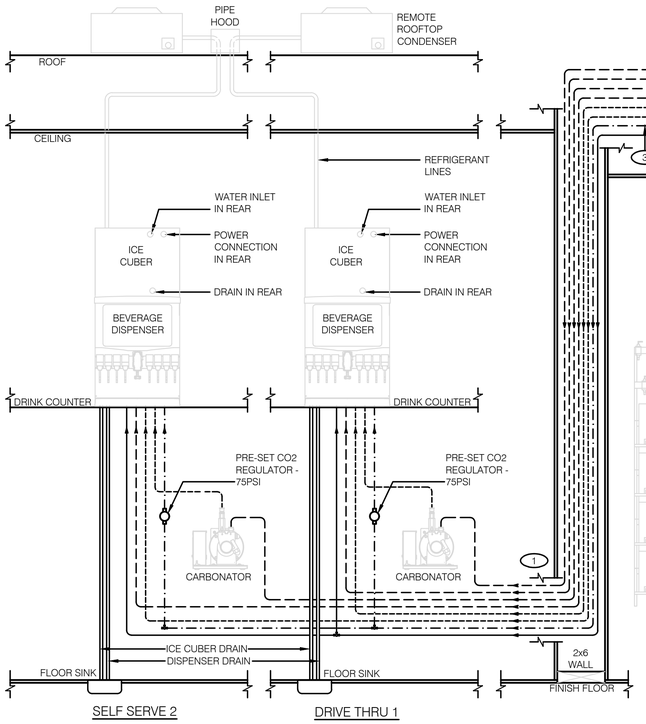
LOCATION OF VALVES AND PIPING ARE DIAGRAMMATIC ONLY AND MAY VARY FROM THAT SHOWN.

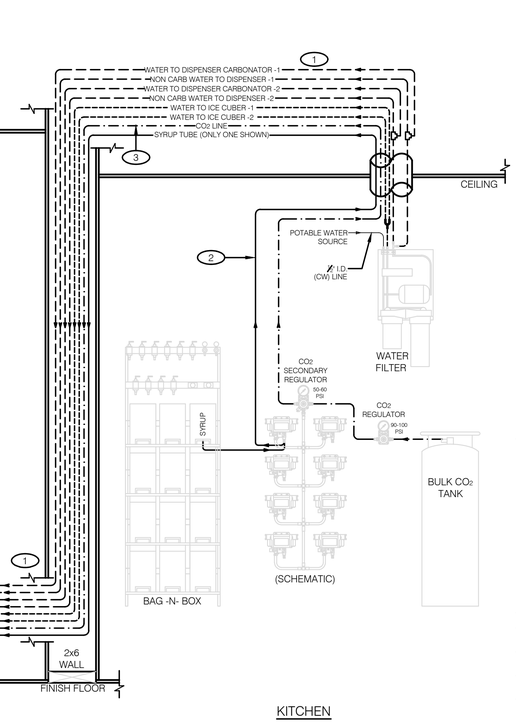
WATER HEATER SCHEMATIC N.T.S. **2**



NOTE:
1/2" PIPING SHALL BE HARD COPPER LINE, OR BRAIDED STAINLESS HOSE. SOFT COPPER IS NOT ACCEPTABLE.

FOOT PEDAL N.T.S. **3**





GENERAL NOTES:

1. SEE SCOPE OF WORK FOR SCOPE DEFINITIONS.
2. ROUGH-INS SHALL BE PROVIDED BY THE CONTRACTOR.
3. INSTALLATION MUST COMPLY WITH ANY STATE OR LOCAL PLUMBING CODES.
4. THE FILTER MUST BE PROTECTED AGAINST FREEZING.
5. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
6. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
7. SEE THE EQUIPMENT PLAN FOR LOCATION. SEE 12/ P6.0 FOR BUNDLE DETAILS
8. "Y" FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
9. BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.
10. INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.
11. EQUIPMENT RATING: ED250 DISPENSER - 115V, 3.5 AMPS CARBONATOR - 115V, 60 Hz, 7.0 AMPS

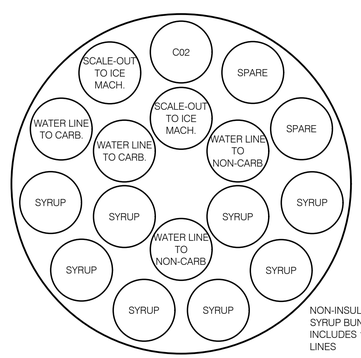
KEY NOTES:

1. SYRUP LINES, WATER LINES FOR THE CARBONATOR PUMPS, ICE CUBER WATER LINES, CO2 LINE FOR PNEUMATIC GATE AND PLAIN WATER FOR THE DISPENSERS ARE RUN INSIDE THE TUBING BUNDLE (BY PEPSI). COORDINATE WITH KEYNOTES 10, 11 / A1.0.
2. ONLY ONE SYRUP LINE SHOWN (FOR CLARITY).
3. 1/4" CO2 LINE TO PNEUMATIC GATE REGULATOR (LOCATED BEHIND DISPENSER FRONT PANEL). PRESSURE PRESET TO 30-35 MAX PSI.

LEGEND:

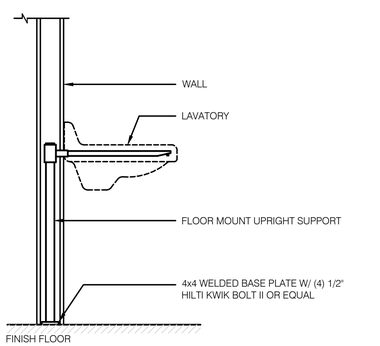
- WATER TO DISPENSERS / CARBONATORS
- WATER TO ICE MACHINES
- CO_2 LINE
- SYRUP LINE

DRINK SYSTEM SCHEMATIC N.T.S. **11**



NON-INSULATED SYRUP BUNDLE INCLUDES 17 LINES

SYRUP BUNDLE CONFIGURATION N.T.S. **8**



LAVATORY SUPPORT N.T.S. **4**

NOT USED **20**

NOT USED **16**

DETAIL NOTE USED **12**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

KFC

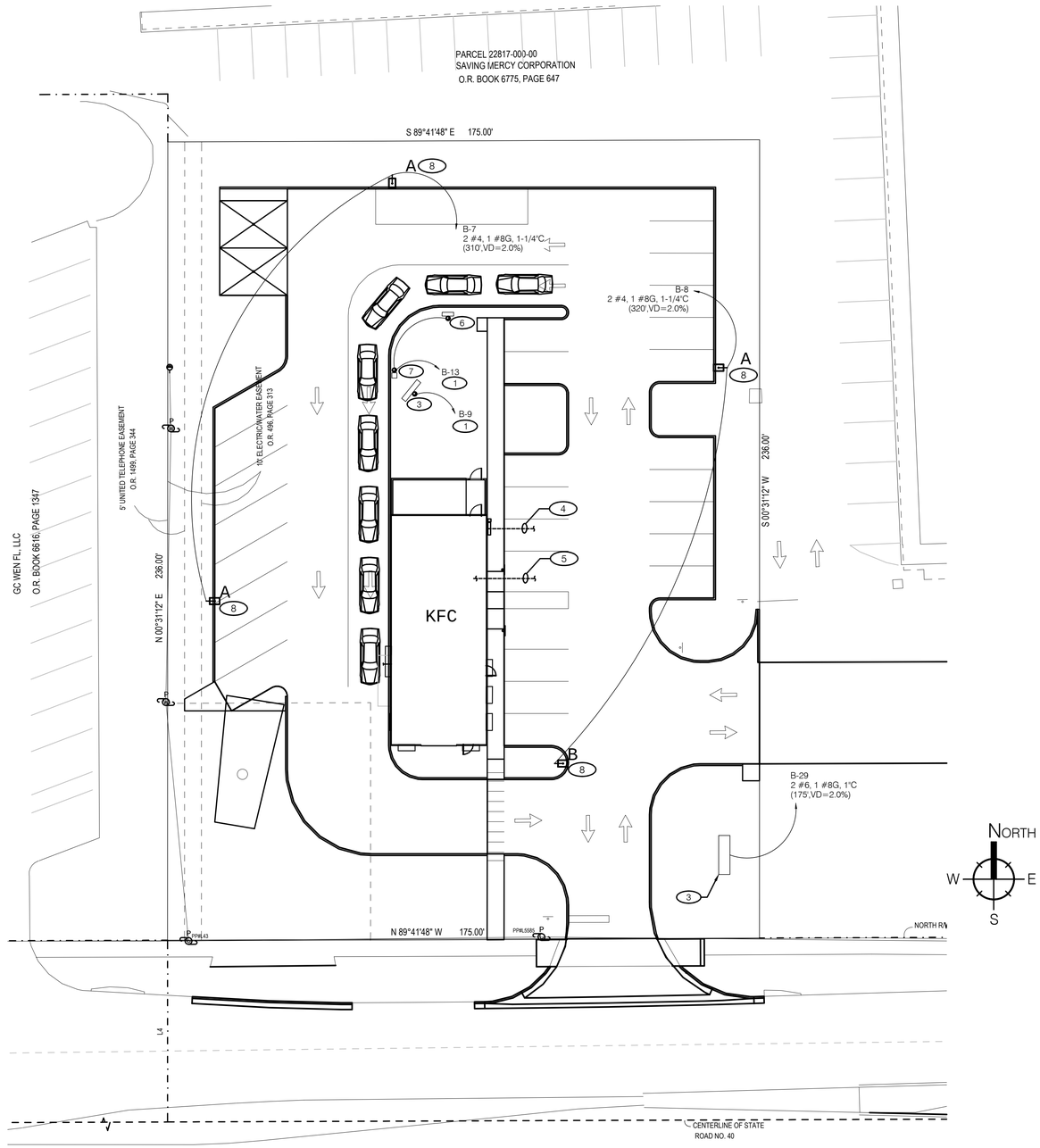
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

PLUMBING DETAILS

P5.0

PLOT DATE: --/--/2020



A. SAMPLE SITE ELECTRICAL PLAN IS FOR INFORMATIONAL REFERENCE ONLY; FOR USE BY THE SITE-ADAPT ENGINEER OF RECORD WHEN DESIGNING THE SITE-SPECIFIC ELECTRICAL PLAN(S).

GENERAL NOTE C

1. 3/4" C. - 2 #10, #10 GRD. (TYP. FOR ENTIRE CIRCUIT.)
2. DIRECTIONAL SIGN (OPTIONAL).
3. MENU BOARD.
4. PYLON SIGN. PROVIDE 30A NON-FUSED LOCKABLE DISCONNECT SWITCH in NEMA 3R ENCLOSURE; AT BASE OF SIGN COLUMN.
5. UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
6. UNDERGROUND TELEPHONE SERVICE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
7. PREVIEW BOARD.
8. ORDER CONFIRMATION BOARD/ SPEAKER POST.
9. SITE LIGHTING: 400W METAL HALIDE LAMPS. REFER TO KFC SITE DESIGN MANUAL FOR LIGHT POLE SPECIFICATION and MIN. / MAX. FOOT CANDLE LEVELS; VERIFY / COMPLY WITH SITE-SPECIFIC EXTERIOR ENERGY CODE.

KEY NOTES B

SITE ELECTRICAL PLAN N.T.S. A

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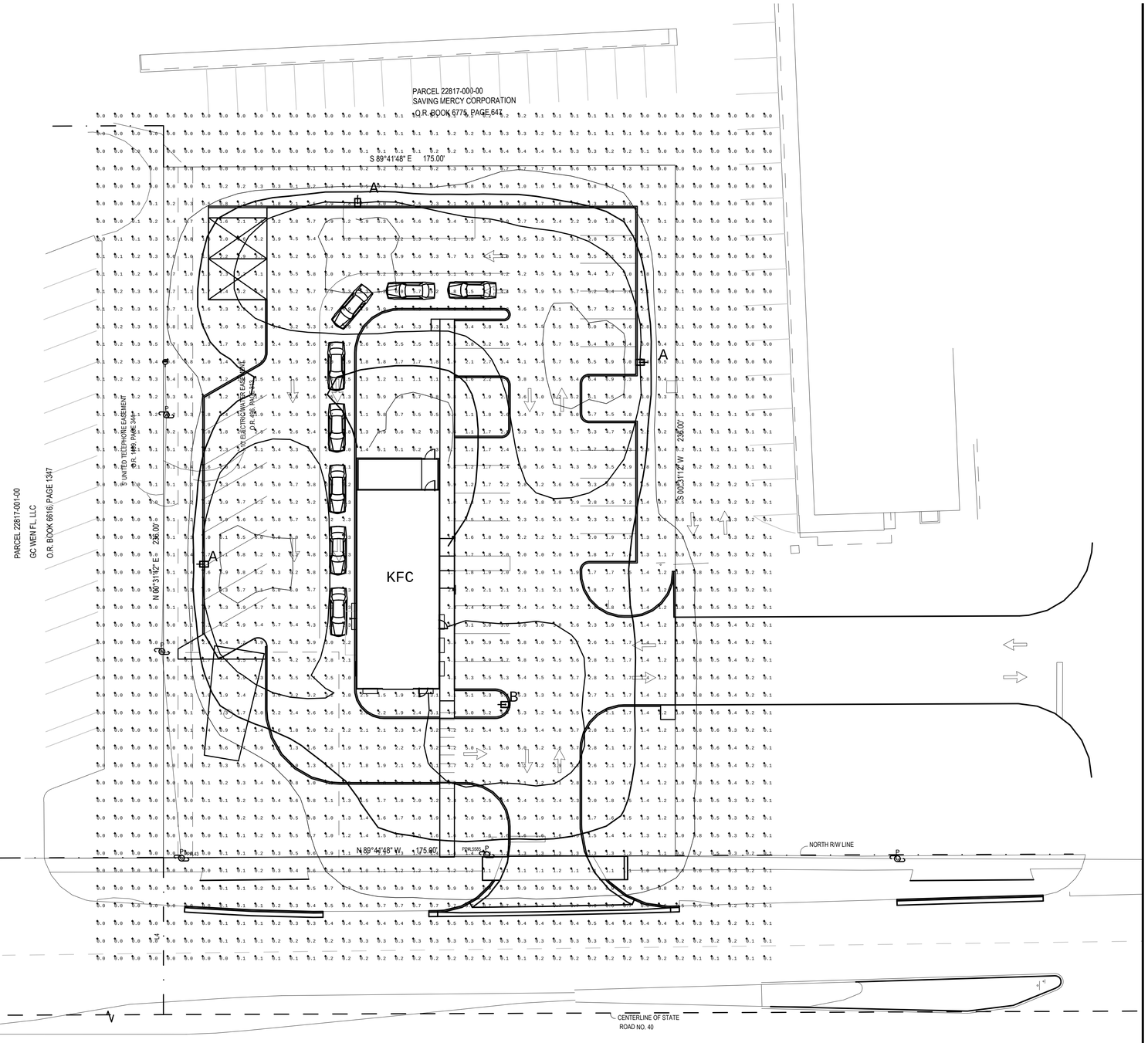
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

ELECTRICAL SITE PLAN

E1.0

PLOT DATE: --/--/2020



KFC
3615 W. SILVER SPRINGS BLVD.
OCALA, FL
PREPARED BY: JOHN BUJAKE
ACCUSERV LIGHTING & EQUIPMENT
877-707-7378
jbujake@accu-serv.com
JANUARY 21, 2020

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
EXTENDED	1.60	6.9	0.0	N.A.	N.A.
PARKING LOT & DRIVE-THRU SURFACE	3.58	6.9	1.1	3.25	6.27

LIGHT LEVELS ARE MAINTAINED FOOT-CANDLES, INITIAL LEVELS ARE SLIGHTLY HIGHER

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Lum. Watts	Description
	3	A	SINGLE	28045	0.900	390	MRM-LED-42L-SIL-FT-UNV-DIM-40-70CRI-BRZ-IL / BKA-XNM-S-BRZ / 25' A.F.G. DIRECT BURIAL CONCRETE POLE
	1	B	SINGLE	42261	0.900	390	MRM-LED-42L-SIL-5W-UNV-DIM-40-70CRI-BRZ / BKA-XNM-S-BRZ / 25' A.F.G. DIRECT BURIAL CONCRETE POLE

FIXTURES ARE 390W 4000K LED
FIXTURE A HAS A BACKLIGHT SHIELD
POLES ARE 25'-0" A.F.G. DIRECT BURIAL CONCRETE FOR AN OVERALL FIXTURE HEIGHT OF 25'-0" A.F.G.

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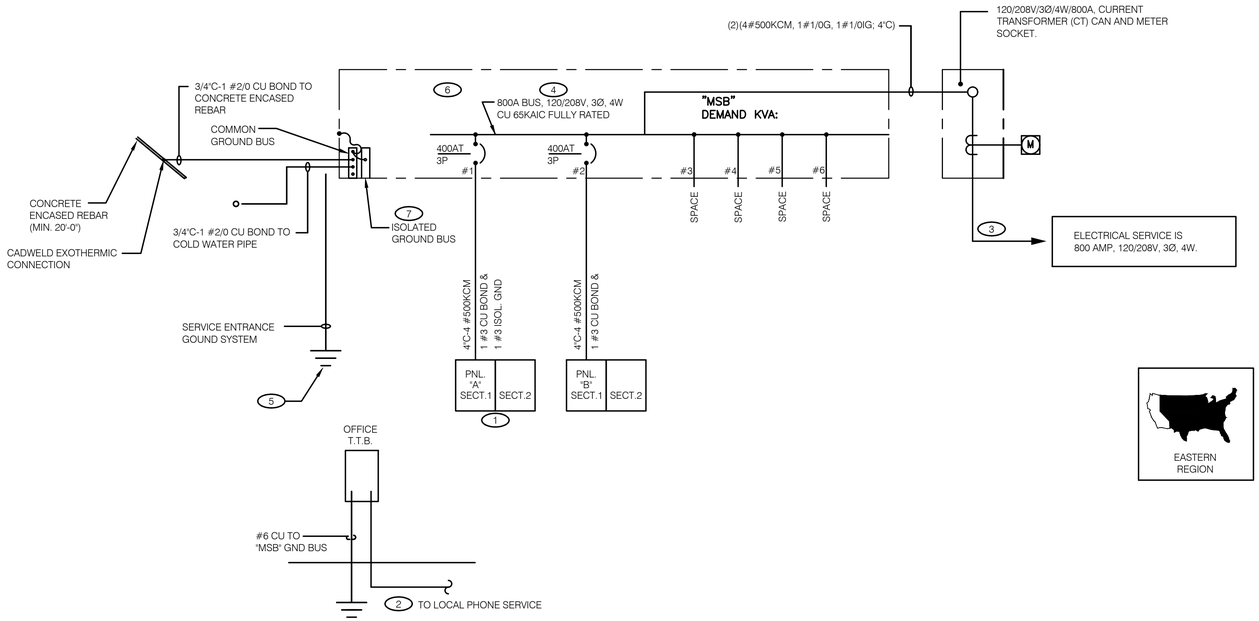
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

SITE ELECTRICAL LIGHTING PLAN

E1.1

PLOT DATE: --/--/2020



FAULT CURRENT SCHEDULE

DEVICE	FAULT	AIC RATING	L-N VOLTS	UTILITY			FED FROM				FEEDER					
				FAULT	X	R	DEVICE	FAULT	X	R	SIZE	X / 1000'	R / 1000'	LENGTH	X	R
UTILITY	52,175	65,000	120V	52,175	0.002255	0.0004511										
MSB	41,441	42,000	120V	41,441	0.002762	0.0008693	UTILITY	52,175	0.002255	0.0004511	(3)#400kcmil	0.0133	0.011	38'	0.0005	0.0004
A	33,539	35,000	120V	33,539	0.003219	0.001561	MSB	41,441	0.002762	0.0008693	#4/0	0.041	0.062	11'	0.0005	0.0007
B	33,223	35,000	120V	33,223	0.003241	0.001594	MSB	41,441	0.002762	0.0008693	#4/0	0.041	0.062	12'	0.0005	0.0007

SINGLE LINE DIAGRAM - EAST REGION | A

POINT OF SERVICE INDICATION | B

ELECTRICAL LEGEND | G

- 2x4 TROFFER
- 2x4 TROFFER WITH BATTERY PACK
- 2x2 TROFFER
- 2x2 TROFFER WITH BATTERY PACK
- DOWNLIGHT FIXTURE
- SUSPENDED DOWNLIGHT FIXTURE
- PENDANT MOUNTED LIGHT FIXTURE
- TRACK MOUNTED PENDANT LIGHT FIXTURE
- DIRECTIONAL FIXTURE FIXTURE, TRACK MOUNTED
- DIRECTIONAL FIXTURE, TRACK MOUNTED TO UNDERSIDE OF INTERIOR CANOPY
- COOLER FIXTURE
- EXIT SIGN (WALL MOUNTED)
- EXIT SIGN (CEILING MOUNTED)
- SECURITY STROBE
- NL NIGHT LIGHT
- CEILING MOUNTED SPEAKER
- WALL MOUNTED SPEAKER
- JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- TELEPHONE OUTLET
- DEDICATED GROUNDED OUTLET (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- DUPLEX GROUNDED OUTLET (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- DOUBLE DUPLEX GROUNDED OUTLET (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- GFCI PROTECTED DUPLEX OUTLET (GFCI BREAKER PROTECTED) REFER TO PANEL SCHEDULES ON SHEET E2.1
- GFCI PROTECTED DEDICATED OUTLET (GFCI BREAKER PROTECTED) REFER TO PANEL SCHEDULES ON SHEET E2.1
- CEILING DUPLEX OUTLET (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- DUPLEX ISOLATED GROUND OUTLET (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- DOUBLE DUPLEX ISOLATED GROUND OUTLET WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- DEDICATED ISOLATED GROUND (GFCI BREAKER PROTECTED WHERE REQUIRED IN KITCHEN. REFER TO PANEL SCHEDULES ON SHEET E2.1)
- SPECIAL PURPOSE OUTLET
- CEILING SPECIAL PURPOSE OUTLET
- ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHED.
- HOLD UP EMERGENCY BUTTON
- ELECTRICAL MOTOR
- SD DUCT MOUNTED SMOKE DETECTOR
- CONNECTION TO EQUIPMENT
- FUSIBLE DISCONNECT SWITCH WITH STARTER
- FUSED DISCONNECT SWITCH
- NON-FUSED DISCONNECT SWITCH
- PC PHOTOCELL
- RS RAIN SENSOR
- FLUORESCENT WALL MOUNT FIXTURE
- EMERGENCY LIGHT
- SINGLE POLE, SINGLE THROW TOGGLE SWITCH
- LOW VOLTAGE TRANSFORMER
- $_P SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
- R RELAY
- CONDUIT RUN, UNDERGROUND
- SMOKE DETECTOR
- EXTERIOR WALL FIXTURE
- EXTERIOR DECORATIVE WALL FIXTURE
- EXTERIOR DECORATIVE WALL FIXTURE
- WPG WEATHERPROOF GROUND FAULT

GENERAL NOTES | D

1. THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTION PANEL AND THE DOWNSTREAM 10k A.I.C. RATED CIRCUIT BREAKERS AT PANELS "A", "B", "D"& "H" BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE. THE NFPA-70 'SIX SWITCH' MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.
2. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
3. IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.
4. COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.
5. ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
6. USE 2014 NC STATE ELECTRICAL CODE (2014 NEC WITH NC AMENDMENTS)
7. ALL SHOP MANUFACTURED EQUIPMENT OR ASSEMBLIES WITH ELECTRICAL COMPONENTS MUST BE LISTED AND LABELED AS REQUIRED BY N.C. G.S.66-23 THRU 66-27A

KEY NOTES | C

1. WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND".
2. PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE.
3. INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. ROUTE 4#500KCM IN EACH OF (2) 4" CONDUITS TO UTILITY TRANSFORMER. G.C./ ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH LOCAL UTILITY. IF ALUMINUM CONDUCTORS ARE TO BE USED, PROVIDE 4#750KCM IN EACH (2) 4" CONDUITS.
4. VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH LOCAL UTILITY COMPANY AND CONFIRM 65 KAIC RATED EQUIPMENT IS SUFFICIENT.
5. (3) 5/8" DIA. 10'-0" COOPER CLAD GROUND RODS. INSTALL 12'-0" APART AND CONNECT GROUND SYSTEM PER NEC ARTICLE 250.
6. PROVIDE PANEL `MSB' WITH AN ISOLATED GROUND BUS. DO NOT COMBINE COMMON GROUND TO ISOLATED GROUND.
7. PROVIDE PANEL SERVICE ENTRANCE FUSED DISCONNECT SWITCH WITH AN ISOLATED GROUND BUS. BOND ISOLATED GROUND BUS TO COMMON GROUND.

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FLORIDA PE. #44643

PLAN SET REVISIONS:

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PLAN VERSION:	2018.A
SITE NUMBER:	
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STORE NUMBER:	
LIS PROJECT;	2019-304

KFC

3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

RISER DIAGRAM AND LEGEND

E2.0

PLOT DATE: --/--/2020

PANEL A

VOLTAGE: 208/120 3 PH 4W | AIC RATING: 65K | REMARKS:
FEEDER AMP: 380 | MAINS: 400 MLO | MOUNTING: FLUSH | PROVIDE WITH ISOLATED GROUND BUS.
LUGS: FEED: BOTTOM | ENCLOSURE: NEMA 1

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR
30/1	G	S-532 BEVERAGE DISPENSER D/T	480	1	A	2	1000	UTILITY RECEPTACLE	G	20/1
30/1	G	S-532 BEVERAGE DISPENSER S/S	480	3	B	4	1200	2 U-100/2 U-070 POS/ORDER ENTRY TERM (2) COUNTER	G,IG	20/1
20/1	G	P-500 MIXER & P-361 MIXER TIMER	1200	5	C	6	360	F-170 SAFE W/AUDIT LOCK IG COUNTER	IG	20/1
20/1		UTILITY / USB OUTLET	180	7	A	8	864	S-570 CARBONATOR D/T	G	20/1
40/2	LF	P-721 HOT WATER DISPENSER	3025	9	B	10	1280	S-251 DRIVE THRU TIMING SYSTEM D/T	G,IG	20/1
↓	↓	↓	3025	11	C	12	276	P-601 BREADER	G	20/1
20/1	G	C-212 BUN TOASTER	1560	13	A	14	600	U-031 CCTV DVR & MONITOR	G,IG	20/1
20/1	IG	F-040/F-060/F-090 OFFICE COMPUTER / MONITOR / UPS	300	15	B	16	480	U-008 COMM SYS BASE STATION D/T	G,IG	20/1
20/1	IG,LO	U-050 OFFICE SECURITY SYSTEM	300	17	C	18	276	P-601 BREADER	G	20/1
20/1		OFFICE TELE / UTILITY RECEPTACLES	900	19	A	20	864	S-570 CARBONATOR S/S	G	20/1
20/1	IG	ORDER CONFIRMATION BOARD	132	21	B	22	1200	2 U-100/1 U-070 POS/ORDER ENTRY TERM (2) D/T	G,IG	20/1
20/1		SPARE	0	23	C	24	1000	UTILITY RECEPTACLE	G	20/1
20/1	G	C-212 BUN TOASTER	1560	25	A	26	1920	S-015 1/2 HEIGHT HEATED CABINET	G	20/1
20/1		CENTER DINING TABLE UTILITY RECEPT.	1000	27	B	28	1920	S-015 1/2 HEIGHT HEATED CABINET	G	20/1
20/1	G	R-002 SINGLE SPLIT DOOR FREEZER	1200	29	C	30	0	SPARE		20/1
30/1		FUTURE EQUIPMENT	1000	31	A	32	1776	S-404 TEA BREWER D/T	G	20/1
20/1	G,IG	U-013 VIEW SONIC LCD DISPLAY	1200	33	B	34	1200	S-044 BUN HOLDING CABINET		20/2
20/1	G	S-017 FULL HEIGHT HEATED CABINET	1920	35	C	36	1200	↓		↓
20/1	G,IG	D/T TIMER	600	37	A	38	600	U-198(6) MONITOR D/T & COUNTER AREA	G,O	20/1
30/2		P-063 WARMER,FRY,CRISP N HOLD	1745	39	B	40	1200	S-053 HOLDING CABINET		20/2
↓		↓	1745	41	C	42	1200	↓		↓
20/3		W-212 WALK-IN CHICKEN COOLER	925	43	A	44	1000	P-069 COLD WELL TABLE		20/1
↓		↓	925	45	B	46	2300	C-205 SANDWICH SPLIT TOP GRILL		30/1
↓		↓	925	47	C	48	264	S-514 ICE MACHINE CONDENSER S/S	G	15/1
20/3		W-212 WALK-IN PRODUCE COOLER	925	49	A	50	500	F-131 MUSIC SYSTEM (MUZAK)	IG	20/1
↓		↓	925	51	B	52	264	S-514 ICEMAKER D/T	G	15/1
↓		↓	925	53	C	54	1884	S-514 ICE MACHINE CONDENSER ROOF		30/2
20/3		W-212 WALK-IN FREEZER	925	55	A	56	1884	↓		↓
↓		↓	925	57	B	58	1884	S-514 ICE MACHINE CONDENSER ROOF		30/2
↓		↓	925	59	C	60	1884	↓		↓
20/1		UTILITY RECEPTACLES	360	61	A	62	1056	EF-1		15/1
20/1		WALK-IN DOOR/CONDENSATE HEATER	1000	63	B	64	1056	EF-2		15/1
20/1		SPARE	0	65	C	66	0	SPARE		20/1
20/1		IRRIGATION TIMER	360	67	A	68	360	KITCHEN MONITORS	G,IG	20/1
20/1		ROOF RECEPTACLES	540	69	B	70	0	SPARE		20/1
20/1		B-215 WATER HEATER IGNITION	180	71	C	72	0	SPARE		20/1
80/3		RTU-1	7686	73	A	74	7686	RTU-2		80/3
↓		↓	7686	75	B	76	7686	↓		↓
↓		↓	7686	77	C	78	7686	↓		↓
30/3		N-014 POWER SOAK	2000	79	A	80	940	F-050 UTILITY RECEPTACLE / VSAT	G,IG	20/1
↓		↓	2000	81	B	82	744	PEPSI BOOSTER PUMP	G	20/1
↓		↓	2000	83	C	84	540	UTILITY OUTLETS		20/1
		Connected Load Per Phase	**PH A:**	40511		**PH B:** 44297	**PH C:**	40901		

	LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC	Total VA	Amps
Connected VA	0	25170	23058	5880	17589	26866	24846	123409	**342.6**
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00		
Demand VA	0	25170	23058	5880	17589	17463	24846	114006	**316.5**

PANEL B

VOLTAGE: 208/120 3 PH 4W | AIC RATING: 65K | REMARKS:
FEEDER AMP: 380 | MAINS: 400 MLO | MOUNTING: FLUSH
LUGS: FEED: BOTTOM | ENCLOSURE: NEMA 1

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR
20/1	LC	KITCHEN LIGHTS	878	1	A	2	420	DINING ROOM LIGHTS	LC	20/1
20/1	LC	RESTROOM LIGHTS & EF-4&5	480	3	B	4	190	DINING ROOM LIGHTS	LC	20/1
20/1	LC	COOLER / FREEZER LIGHTS	800	5	C	6	1050	DINING ROOM TRACKS	LC	20/1
20/1	LO,O	ENERGY MANAGEMENT SYSTEM	500	7	A	8	638	DINING ROOM TRACKS	LC	20/1
20/1	LC	CANOPY LIGHTS	216	9	B	10	270	EXTERIOR WALL LIGHTS	LC	20/1
20/1	LC	DIRECTIONAL SIGN (OPTIONAL)	120	11	C	12	0	SPARE		20/1
20/1		SPARE	0	13	A	14	1050	DINING ROOM TRACKS	LC	20/1
20/1	LC	MENU BOARD / PREVIEW BOARD @ D/T	720	15	B	16	0	PARKING LIGHTING	LC	20/2
20/1		SPARE	0	17	C	18	0	↓	↓	↓
20/1		SHOW WINDOW	1200	19	A	20	3024	P-721 HOT WATER DISPENSER	LF	40/2
20/1		SHOW WINDOW	1200	21	B	22	3024	↓	↓	↓
20/1		SHOW WINDOW	1200	23	C	24	1200	CANOPY SIGN	LC	20/1
20/1		SPARE	0	25	A	26	1200	BUILDING SIGN	LC	20/1
20/1		SPARE	1200	27	B	28	0	PARKING LIGHTING	LC	20/2
20/1	LC	PYLON / MONUMENT SIGN	1200	29	C	30	0	↓	↓	↓
20/1		SPARE	0	31	A	32	0	SPARE		20/1
20/1		SPARE	0	33	B	34	0	SPARE		20/1
20/1		SPARE	0	35	C	36	0	SPARE		20/1
15/3		MAU-1	408	37	A	38	564	B-381 CO2 SENSOR		20/1
↓		↓	408	39	B	40	0	SPARE		20/1
↓		↓	408	41	C	42	0	SPARE		20/1
20/1	G,**	C-018 OPEN FRYER	1200	43	A	44	720	E-241 HOOD FIRE SUPPRESSION SYSTEM		20/1
20/1		SPARE	0	45	B	46	0	SPARE		20/1
20/1		SPARE	0	47	C	48	500	OIL RECOVERY SYSTEM		20/1
20/1		FUTURE EQUIPMENT	1000	49	A	50	0	SPARE		20/1
20/1		FUTURE EQUIPMENT	1000	51	B	52	0	SPARE		20/1
30/3	**	C-130 CONVECTION OVEN w/CONTROL	2664	53	C	54	144	KITCHEN HOOD LIGHTS	**	20/1
↓		↓	2664	55	A	56	600	R-030 1/2 HEIGHT FREEZER	G,**	20/1
↓		↓	2664	57	B	58	600	R-030 1/2 HEIGHT FREEZER	G,**	35/1
50/3	**	C-134 CONVECTION OVEN w/CONTROL	4476	59	C	60	3600	S-818 DUKE HEAT SYNK 2X3	**	35/1
↓		↓	4476	61	A	62	500	HOOD CONTROL RELAY	LO	20/1
↓		↓	4476	63	B	64	0	SPARE		20/1
60/3	**	C-001 PRESSURE FRYER	5700	65	C	66	1056	C-183 MICROWAVE OVEN		20/2
↓		↓	5700	67	A	68	1056	↓		↓
↓		↓	5700	69	B	70	1056	C-183 MICROWAVE OVEN		20/2
60/3	**	C-001 PRESSURE FRYER	5700	71	C	72	1056	↓		↓
↓		↓	5700	73	A	74	0	SPACE		
↓		↓	5700	75	B	76	0	SPACE		
20/1	G,**	C-025 8 HEAD FRYER	5700	77	C	78	0	SPACE		
20/1		↓	5700	79	A	80	0	SPACE		
20/1		↓	5700	81	B	82	0	SPACE		
		SPACE	0	83	C	84	0	SPACE		
		Connected Load Per Phase	**PH A:**	33098		**PH B:** 29224	**PH C:**	31474		

	LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC	Total VA	Amps
Connected VA	21424	1224	0	0	0	82224	5504	110376	**306.4**
Demand Factor	1.25	1.00	1.00	NEC	1.00	0.65	1.00		
Demand VA	26780	1224	0	0	0	53446	5504	86954	**241.4**

PANEL SCHEDULES | **A**

LOAD SUMMARY

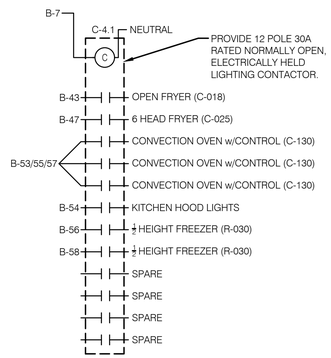
LOAD SUMMARY	KFC	
LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND LOAD (VA)
GENERAL LIGHTING	21424	26780
HVAC	26394	26394
MOTORS	23058	23058
GENERAL RECEPTACLES	5880	5880
REFRIGERATION	17589	17589
KITCHEN EQUIPMENT	109090	70909
MISCELLANEOUS	30350	30350
TOTALS:		
CALCULATED FACILITY LOAD (VA) =	233785	200960
LOAD AMPS AT SYSTEM VOLTAGE (SELECT BELOW) = **208/120 3-PH**	648.9	557.8

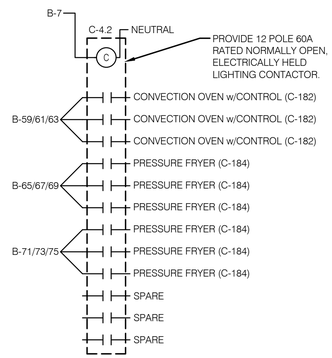
LOAD SUMMARY | **B**

PANEL SCHEDULE NOTES

G	GFI CIRCUIT BREAKER
IG	ISOLATED GROUND CIRCUIT
LC	ROUTE CIRCUIT HOMERUN VIA LIGHTING CONTACTOR REFER TO DETAIL ON E6.0
LF	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
**	ROUTE HOMERUN VIA HOOD EQUIPMENT SHUT DOWN CONTACTOR. REF. DETAIL D, THIS SHEET.
V	VERIFY BRANCH CIRCUIT BREAKER AND WIRE REQUIREMENTS WITH ACTUAL EQUIPMENT PROVIDED.
DT	DRIVE-THRU TIMING SYSTEM S-200, S-250, S-251.
O	OPTIONAL (SITE SPECIFIC) EQUIPMENT. VERIFY WITH OWNER. PROVIDE PANEL REQUIREMENTS FOR FUTURE POTENTIAL IMPLEMENTATION.

PANEL SCHEDULE NOTES | **C**





SEQUENCE OF OPERATION:
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE THIS RELAY TO DE-ENERGIZE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED IN DETAIL 2/E6.0.

HOOD EQUIPMENT SHUT DOWN CONTACTOR DETAIL | **D**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

Kb 30-19

PANEL SCHEDULES AND LOAD SUMMARY

E2.1

PLOT DATE: --/--/2020

EQUIPMENT CONNECTION SCHEDULE

ITEM TAG	QTY	MTG HEIGHT	VOLTAGE/ PHASE	DESCRIPTION	CIRCUIT	BRANCH CIRCUIT WIRING	DEVICE	REMARKS
B-215	1	+84"	120/1	WATER HEATER IGNITION	A-71	2#12,1#12G; 3/4"C	MOTOR RATED SWITCH	
C-018	1	+48"	120/1	DUAL OPEN FRYER w/CONTROLLER	B-43	2#12,1#12G; 3/4"C	NEMA 5-20R	
C-025	1	+48"	208/3	8 HEAD FRYER	B-77/79/81	3#4,1#10G; 1-1/4"C		
C-130	1	+18"	208/3	CONVECTION OVEN W/CONTROLLER	B-53/55/57	3#10, 1#10G; 1"C		COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
C-182	1	+18"	208/3	CONVECTION OVEN	B-59/61/63	3#6, 1#10G; 1"C		COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
C-184	2	+48"	208/3	PRESSURE FRYER	B-65/67/69 B-71/73/75	3#4,1#10G; 1-1/4"C EA		COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
C-183	2	+42""	208/1	MICROWAVE OVEN	B-66/68 B-70/72	2#12,1#12G; 3/4"C EA	NEMA 6-20R	
C-212	1	PACK LINE	120/1	BUN TOASTER	A-13 A-25	2#12,1#12G; 3/4"C	NEMA L5-20R	
E-241	1	+106"	120/1	HOOD FIRE SUPPRESSION SYSTEM	B-44	2#12,1#12G; 3/4"C	JUNCTION BOX	
F-040	1	+42"	120/1	OFFICE COMPUTER	A-15	2#12,1#12IG; 3/4"C	NEMA 5-20R-IG	
F-050	2	+24"	120/1	CREDIT CARD ROUTER	A-80	2#12,1#12IG; 3/4"C	NEMA 5-20R-IG	
F-060	2	+24"	120/1	COMPUTER MONITOR	A-15	2#12,1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
F-080	1	+24"	120/1	OFFICE PRINTER/COPIER/ FAX/SCANNER	A-80	2#12,1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
F-090	1	+24"	120/1	UPS	A-15	2#12,1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
F-131	1	+60"	120/1	MUSIC SYSTEM (MUZAK)	A-50	2#12,1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
F-170	1	+24"	120/1	SAFEW/TOUCH SCREEN CNTRL	A-6	2#12, 1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
N-014	1	+18"	208/3	POWER SOAK	A-79/81/83	3#10, 1#10G; 1"C	JUNCTION BOX	COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
P-063	1	PACK LINE	208/1	WARMER/FRY/ CRISP N HOLD	A-39/41	2#10,1#10G; 3/4"C	JUNCTION BOX	COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
P-076	1	PACK LINE	120/1	COLD WELL TABLE	A-44	2#12,1#12G; 3/4"C	NEMA 5-20R	
P-453	2	+60"	208/1	HOT WATER DISPENSER	A-9/11 B-20/22	2#8, 1#10G; 1"C EA	JUNCTION BOX	COORDINATE RECEPTACLE REQUIREMENTS WITH EQUIPMENT PROVIDED.
P-601	2	+18"	120/1	BREADER	A-12 A-18	2#12,1#12G; 3/4"C EA	NEMA 5-20R	
R-002	1			FREEZER				
R-030	1	+18"	120/1	1/2 HEIGHT FREEZER	B-56 B-58	2#12,1#12G; 3/4"C EA	NEMA 5-20R	
S-015	2	PACK LINE	120/1	1/2 HEIGHT HEATED CABINET	A-26 A-28	2#12,1#12G; 3/4"C EA	NEMA 5-20R	
S-017	1	+18"	120/1	FULL HEIGHT HEATED CABINET	A-35		NEMA 5-20R	
S-044	1	PACK LINE	208/1	BUNN HOLDING CABINET	A-34/36	2#12. 1#12G; 3/4"C	NEMA L6-15R	
S-053	1	PACK LINE	208/1	HOLDING CABINET	A-40/42	2#12,1#12G; 3/4"C	NEMA L6-15R	
S-087	1	PACK LINE		INFRARED HOLDING BIN				
S-251	1	+84"	120/1	D/T TIMING SYSTEM	A-10	2#12, 1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
S-404	1	+24"	120/1	TEA BREWER D/T	A-32	2#12,1#12G; 3/4"C	NEMA 5-20R	
S-514	2	+84"	120/1	ICE MAKERS S/S & D/T (2)	A-48 A-52	2#12,1#12G; 3/4"C	NEMA 5-20R	
S-514	2	ROOF TOP	208/1	REMOTE CONDENSER S/S REMOTE CONDENSER D/T	A-54/56 A-58/60	2#12,1#12G; 3/4"C EA	NEMA L6-30R	
S-532	2	+48"	120/1	FROZEN BEV. DISPENSER	A-1 A-3	2#10,1#10G; 3/4"C EA	NEMA L6-30R	
S-570	2	+18"	120/1	CARBONATOR	A-8 A-20	2#12,1#12G; 3/4"C EA	NEMA 5-20R	
U-008	1	+90"	120/1	BASE STATION-DT COMM SYSTEM	A-16	2#12,1#12G,1#12IG; 3/4"C	NEMA 5-20R-IG	
U-050	1		120/1	SECURITY SYSTEM	A-17	2#12,1#12G; 3/4"C	NEMA 5-20R	
U-031	1	+24"	120/1	CCTV & MONITOR	A-14	2#12,1#12G,1#12IG; 3/4"C EA	NEMA 5-20R-IG	
U-070	3	+24"	120/1	RECEIPT PRINTER	A-4 A-22	2#12,1#12G,1#12IG; 3/4"C EA	NEMA 5-20R-IG	
U-100	4	+18"	120/1	POS ORDER ENTRY	A-4 A-22	2#12,1#12G,1#12IG; 3/4"C EA	NEMA 5-20R-IG	
U-198	6	+90"	120/1	ORDER MONITOR	A-38	2#12,1#12G, 1#12IG; 3/4"C	NEMA 5-20R-IG	
W-212	1	ROOF TOP	208/3	WALK-IN CHICKEN COOLER	A-43/45/47	3#12,1#12G; 3/4"C	JUNCTION BOX	REFER TO ROOF PLAN. PROVIDE ALL INTERCONNECTIVE WIRING BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER'S RECOMMENDATIONS.
W-212	1	ROOF TOP	208/3	WALK-IN PRODUCE COOLER	A-49/51/53	3#12,1#12G; 3/4"C	JUNCTION BOX	REFER TO ROOF PLAN. PROVIDE ALL INTERCONNECTIVE WIRING BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER'S RECOMMENDATIONS.
W-212	1	ROOF TOP	208/3	WALK-IN FREEZER	A-55/57/59	3#12,1#12G; 3/4"C	JUNCTION BOX	REFER TO ROOF PLAN. PROVIDE ALL INTERCONNECTIVE WIRING BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL NOTE:
COORDINATE ALL RECEPTACLE AND DEVICE TYPES WITH MANUFACTURER RECOMMENDATIONS.

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

KFC

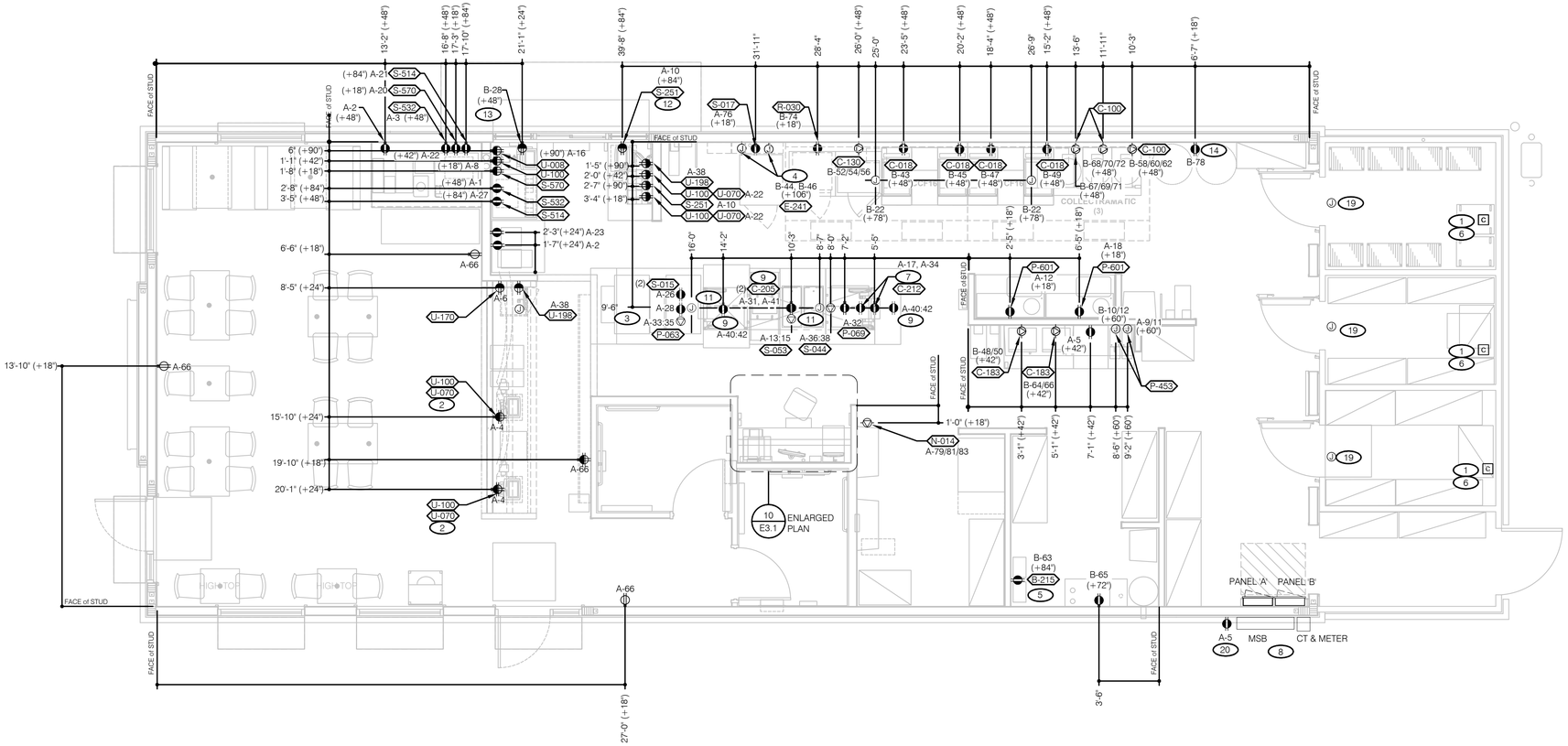
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

EQUIPMENT SCHEDULES

E2.2

PLOT DATE: --/--/2020



POWER PLAN 1/4"=1'-0" **A**

A. HORIZONTAL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N. VERTICAL DIMENSIONS TO J-BOXES ARE FROM FIN. FLOOR TO CENTER OF BOX, U.O.N.

B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.

C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.

D. CONTRACTOR TO VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.

E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.

F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.

G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.

H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.

I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.

J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.

K. ALL 15A AND 20A, 120V RECEPTACLES IN KITCHEN AREA SHALL BE GFCI PROTECTED VIA GFCI BREAKERS. REFER TO PANEL SCHEDULES ON E2.1. THIS INCLUDES ISOLATED GROUND RECEPTACLES; SEE DETAIL 14, SHEET E3.1

L. ALL POS EQUIPMENT, INCLUDING DIGITAL MENU BOARDS, SHALL BE PLACED ON ISOLATED GROUND OUTLETS; SEE DETAIL 14 / E3.1. ALL SECURITY SYSTEM EQUIPMENT SHALL BE PLACED ON DEDICATED ISOLATED GROUND OUTLETS.

M. DO NOT MEASURE / LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.

N. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.

O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULK OR EXPANDING FOAM FOR SEALANT.

POWER PLAN GENERAL NOTES **C**

1. REFER TO ROOF PLAN.
2. INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINETRY REAR WALL.
3. PACK LINE EQUIPMENT <P-054> <P-164> SHALL BE POWERED VIA FLOOR MOUNTED RECEPTACLES AS INDICATED ON PLAN. COORDINATE WITH MANUFACTURERS SHOP DRAWINGS FOR EXACT DEVICE LOCATIONS PRIOR TO ANY ROUGH-IN WORK. RECEPTACLES SHALL HARD-PIPED TO FLOOR-MOUNTED J-BOX; COORDINATE WITH KEYNOTE 10, THIS SHEET.
4. ANSUL J-BOX - LOCATE ABOVE CEILING.
5. POWER FOR WATER HEATER. COORDINATE WITH MECHANICAL CONTRACTOR.
6. CONDENSING UNIT ON ROOF. SEE SCOPE OF WORK.
7. CEILING-MOUNT TWIST-LOCK RECEPTACLE. COORDINATE WITH PACK LINE ELEVATIONS 9, 10 / A8.2.
8. SWITCHGEAR LOCATION.
9. ALIGN OUTLETS ON CEILING ALONG CENTERLINE OF TABLE.
10. CONDUIT SHALL RUN DOWN THE WALL, UNDER THE SLAB, AND STUB UP BENEATH PACK LINE; TERMINATE INTO FLOOR-MOUNTED J-BOX. COORDINATE WITH KEYNOTE 3, THIS SHEET.
11. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL VERTICAL METAL CHASE TO PRE-INSTALLED ELECTRICAL BOX FOR POWER TO UPPER MAPS LINE EQUIPMENT. COORDINATE EXACT LOCATION WITH MAPS LINE EQUIPMENT AND EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH-IN INSTALLATION.
12. I.G. DUPLEX OUTLET FOR FUTURE ON-LINE PROJECTION SYSTEM.
13. I.G. DUPLEX OUTLET FOR FUTURE "FAST and FRESH" DRIVE THRU DISPLAY TIMER.
14. DUPLEX OUTLET FOR FUTURE RTI (OIL DELIVERY / RECOVERY) SYSTEM.
15. CEILING-MOUNT I.G. QUAD OUTLET FOR FUTURE PACK LINE MONITORS.
16. 3/4" CONDUIT FROM ELECTRICAL PANELS, ABOVE CEILING, DOWN WALL, and UNDERGROUND TO MENU BOARD / PREVIEW BOARD (B-15) and SPEAKER POST (A-21). SEE SITE ELCTRICAL PLAN E1.0, and 14 / E6.0.
17. COORDINATE J-BOX ROUGH-IN WITH FURNITURE PLAN.
18. JUNCTION BOX FOR 120 VOLT POWER CONNECTION TO HAND DRYER. COORDINATE EXACT MOUNTING LOCATION WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN. CONNECT TO SPARE 20/1 BREAKER IN EXISTING PANEL. FIELD VERIFY EXACT REQUIREMENTS.
19. PROVIDE POWER TO J-BOX FOR DOOR AND CONDENSATE HEAT. CONNECT TO CIRCUIT INDICATED. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
20. WEATHER PROOF/RESISTANT DUPLEX OUTLET.

KEY NOTES **B**

NOT USED **D**

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

Kb 30-19

POWER FLOOR PLAN

E3.0

PLOT DATE: --/--/2020

THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:
* AS A SAFETY PATH TO GROUND.
* AS A ZERO REFERENCE POINT FOR ALL POS DIGITAL LOGIC.

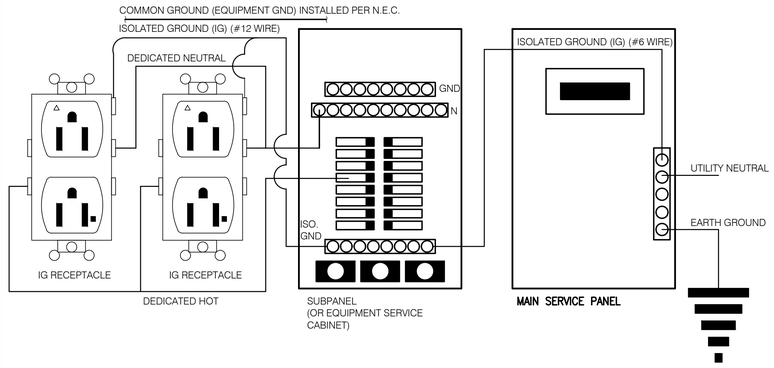
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

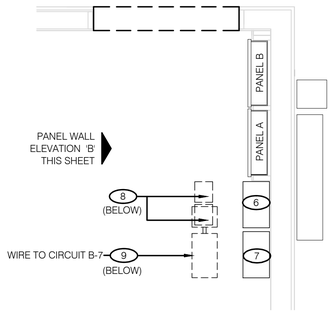
* USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
* RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
* INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
* CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
* VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A TRUE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL.

DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE "PHASE ALIGNED" WITH THE "B" PHASE OF BUILDING SUBPANEL "A".

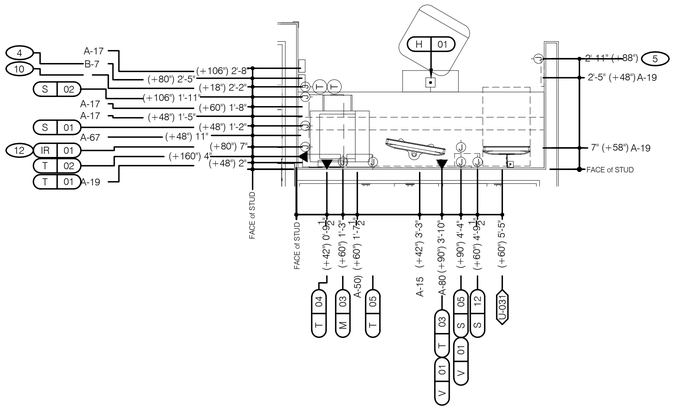


P.O.S. ISOLATED GROUND SYSTEM N.T.S. 14



PANEL WALL PLAN N.T.S. 10

NOT USED 12



ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" 3

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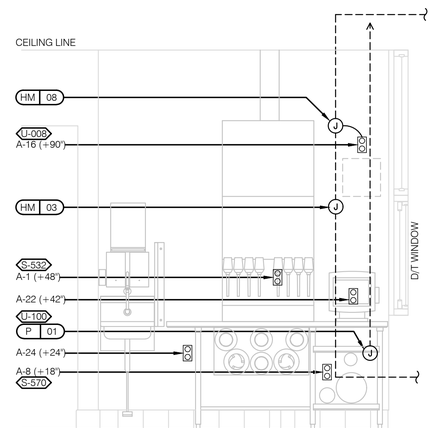
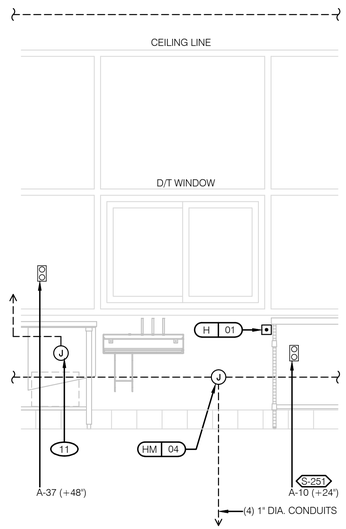
ENLARGED POWER PLAN AND DETAILS

E3.1

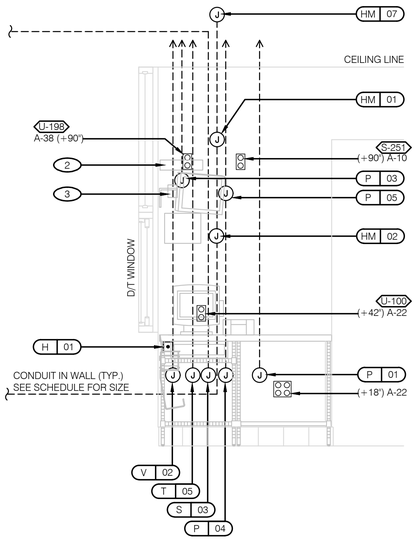
PLOT DATE: -/-/-2020



VIEW TO LEFT OF WINDOW



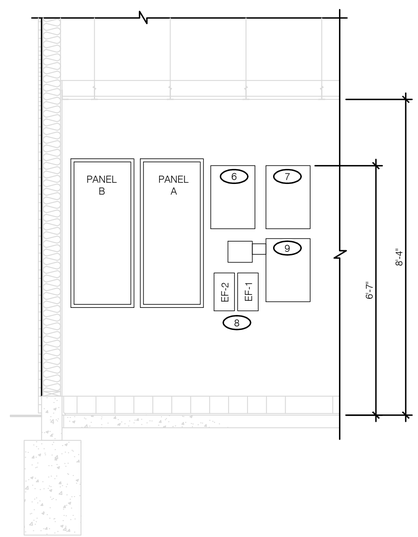
VIEW OF WINDOW



VIEW TO RIGHT OF WINDOW

REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HTS.

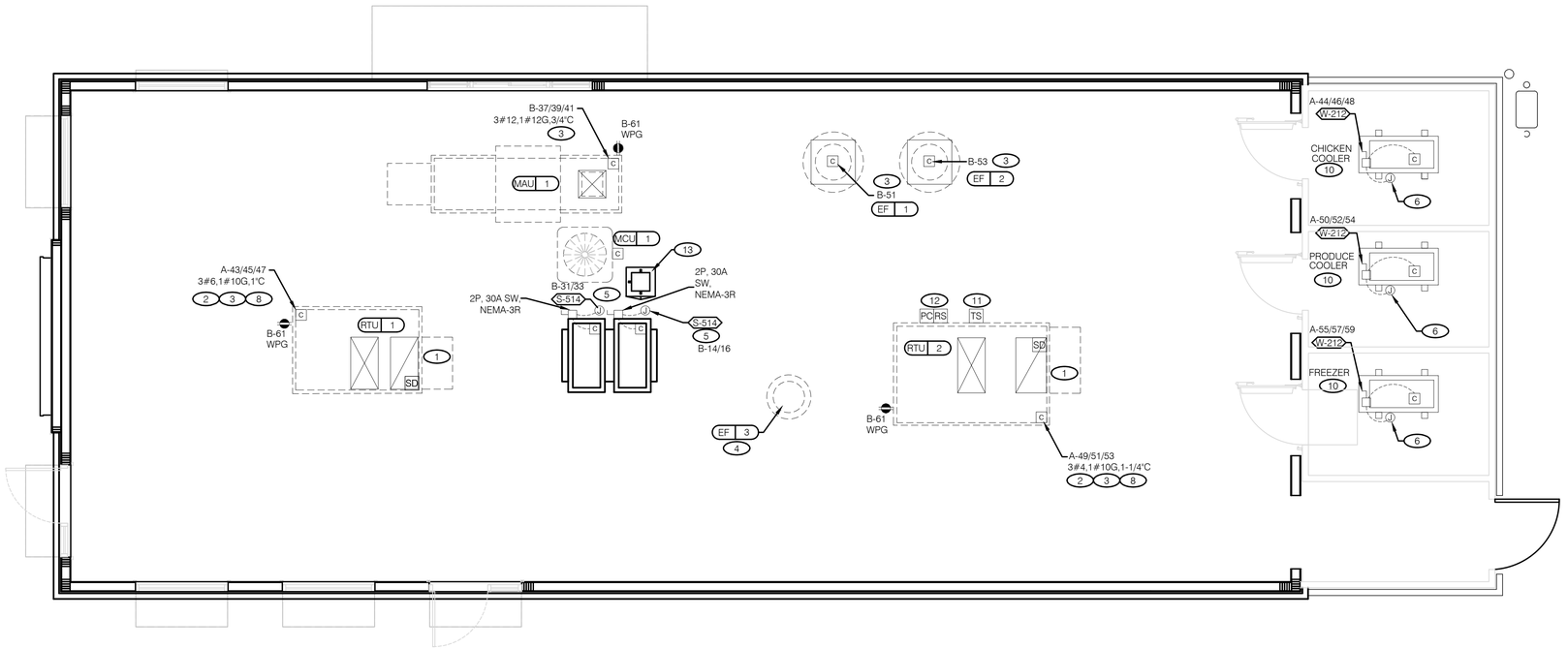
ENLARGED INTERIOR ELEVATION (D/T WINDOW) 1/2" = 1'-0" 16



PANEL WALL ELEVATION N.T.S. B

1. NOT USED.
2. DISPLAY UNIT FOR HM-02.
3. DUAL-OUTPUT DETECTOR FOR HM-02.
4. VENTILATION CONTROL SWITCH.
5. PROVIDES ACCESS FOR REMOTE MONITORING / CONTROL OF HVAC + LIGHTING SYSTEMS. G.C. TO PROVIDE J-BOX W/ PULL-STRING.
6. CONTACTOR PANEL AND CONTACTORS BY SWITCH GEAR SUPPLIER. REFER TO DETAIL 2 / E6.0. SEE SHEET E2.1.
7. VENTILATION CONTROL PANEL. ACTIVATED VIA VENTILATION CONTROL SWITCH IN MANAGER'S OFFICE; REFER TO KEYNOTE 4, THIS SHEET.
8. EXHAUST FAN MOTOR STARTERS BY VENTILATION EQUIPMENT SUPPLIER. REFER TO DETAILS 2 and 4 / E6.0.
9. LIGHTING CONTACTOR PANEL + EXTERNAL NEMA BOX. REFER TO LIGHTING CONTACTOR DETAILS, SHEET E6.0.
10. THERMOSTATS. COORDINATE WITH M2.0.
11. J-BOX / DATA PORT FOR FUTURE "FAST and FRESH" DRIVE THRU DISPLAY TIMER. MOUNT at 24" A.F.F.
12. PROVIDE 1" CONDUIT TO IRRIGATION VALVES; SEE P3.0 FOR LOCATION. SEE COMMUNICATIONS SCHEDULE, SHEET E5.0.

KEY NOTES A



POWER ROOF PLAN 1/4"=1'-0" **A**

NOT USED **F**

NOT USED **E**

POWER ROOF PLAN NOTES **D**

A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.

B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.

C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.

D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.

E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.

F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.

G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.

H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.

I. ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.

J. ALL OUTLETS AND J-BOXES BEHIND SIGNAGE SHALL BE RECESSED OR FLUSH WITH BUILDING FINISH SURFACE.

K. SOME BOXES ARE LOCATED WITHIN CONCRETE POURS. INSTALL BOXES AND CONDUIT IN SUCH LOCATIONS PRIOR TO POURING OF CONCRETE. COORDINATE WITH OTHER TRADES.

KEY NOTES **B**

1. PROVIDE CONNECTION FROM RETURN AIR DUCT SMOKE DETECTORS TO MECH CONTROL CIRCUIT PER DETAIL 2 / E6.0, AND FIRE ALARM SYSTEM (IF PRESENT).
2. SPECIFIED TRANE RTU IS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
3. POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
4. FANS ARE CONNECTED TO RESTROOM LIGHTING. SEE SHEET E4.0 AND MECHANICAL SHEETS.
5. 1/2" C. WITH REQUIRED CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
6. REFER TO POWER PLAN E3.0 FOR CONTINUATION TO COOLER / FREEZER WALK-IN BOX (W.I.B.).
7. MOUNT PHOTOCELL ON NORTH SIDE OF RTU-2. CONNECT TO LIGHTING CONTROL CONTACTORS. REFER TO SHEET E6.0.
8. RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND CONVENIENCE OUTLET.
9. J-BOX FOR SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR; SEE SCOPE OF WORK. CONNECT TO LIGHTING CONTROL CONTACTORS; REFER TO SHEETS E6.0.
10. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND INSTALL EVERYTHING AS REQUIRED.
11. OUTSIDE AIR TEMPERATURE SENSOR; MOUNT ON NORTH SIDE OF RTU-2. CONNECT TO RTU EQUIPMENT CONTROL PACK.
12. RAIN SENSOR.
13. PIPE HOOD, SEE DETAIL 9 / A6.0.
14. CHANNEL LETTERS WALL SIGN

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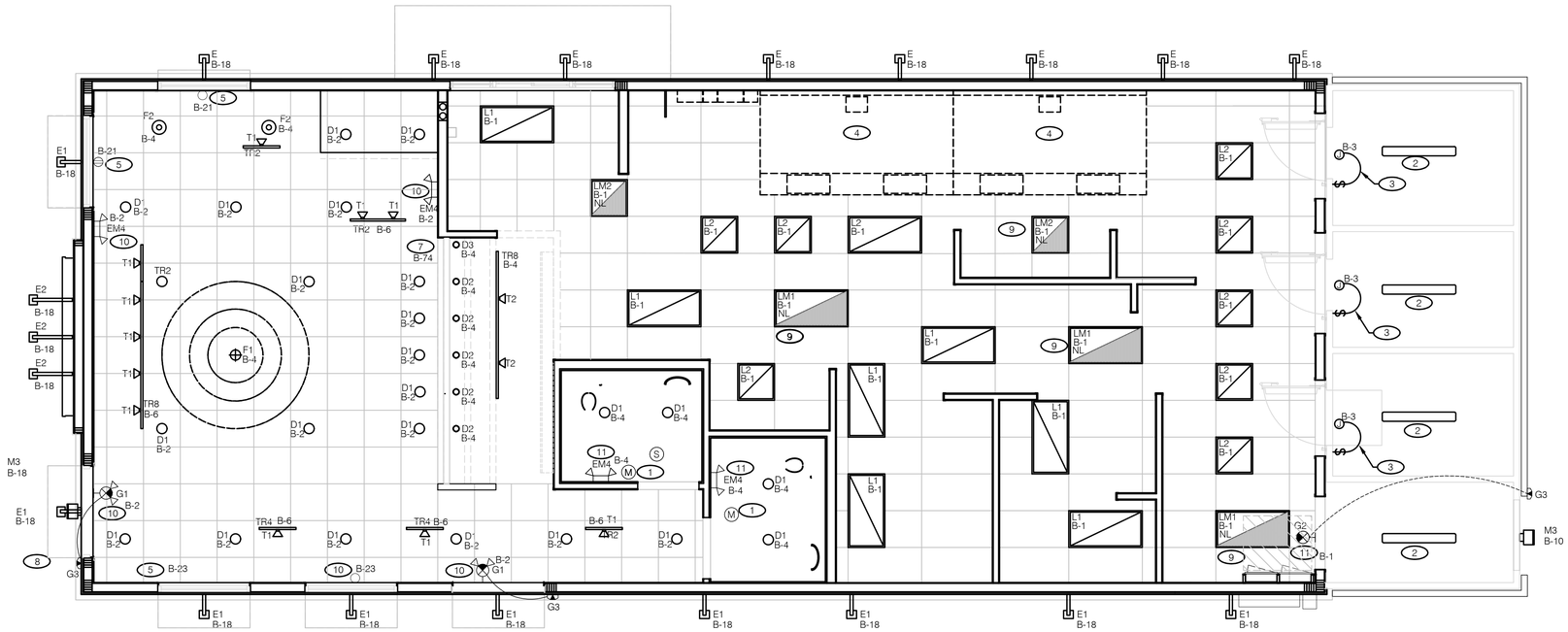
POWER ROOF PLAN

E3.2

PLOT DATE: --/--/2020



GENERAL NOTES

A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
B. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST.
C. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
D. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a).
E. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THRU THE LIGHTING CONTROL RELAYS. SEE 2/E6.0.
F. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
G. ALL FIXTURES SUPPLIED WITH LAMPS.
H. EXIT AND EMERGENCY LIGHTING TO BE FED FROM LOCAL CIRCUIT AND HAVE 90 MINUTE BATTERY BACKUP.

NOTE:
CONTRACTOR SHALL VERIFY ALL QUANTITIES OF LIGHT FIXTURES. NOT ALL FIXTURE TYPES MAY BE USED.

FIXTURES PROVIDED BY DISTRIBUTOR / LIGHTING SUPPLIER : INSTALLED BY G.C.

LIGHTING SCHEDULE

NO.	LOCATION	MRG/CATALOG NUMBER	DESCRIPTION	WATTS/ VOLTS
D-1	DINING	ELITE: B6IC-AT-W (HOUSING) TCP: 70874 LED14DR5630K95	6" IC AIR SHUT RECESSED CAN WITH MEDIUM BASE SOCKET AND HANGER BARS, WHITE 6" 3000K 95 CRI TRIM WITH QUICK CONNECT PLUG	14 WATTS / 120 VOLTS
D-2	FRONT COUNTER	CONTECH: LVR316S-35WATT (HOUSING) CONTECH: CTR301-WHT-P	3" LOW VOLTAGE DOWNLIGHT WITH WHITE ADJUSTABLE BAFFLE TRIM WITH 15 DEGREE ADJUSTMENT	7 WATTS / 120 VOLTS
D-3	FRONT COUNTER	CONTECH: LVR316S-35WATT (HOUSING) CONTECH: CTR325-P	3" LOW VOLTAGE DOWNLIGHT WITH WHITE FULLY ADJUSTABLE TRIM	7 WATTS / 120 VOLTS
F1	DINING	TECH 700TDSOCOP-M-08-R-B / 700TDMRD-3-T-B	SOCO PENDANT 8' RED CORD W/ BLACK SOCKET	10 WATTS / 120 VOLTS
F2	DINING	MINKA: 2260-84	GLASS PENDANT WITH BRUSHED NICKEL FINISH MEDIUM BASE SOCKET	3 WATTS / 120 VOLTS
T1	DINING	JUNO: R600L3HCNWH	VERTICAL INTEGRADED LED TRACK LIGHT WHITE FINISH 3000K HI-CRI 23 DEGREE NARROW BEAM	10 WATTS / 120 VOLTS
TRACK	DINING	JUNO: 8-FT 6-FT 4-FT 2-FT	SINGLE CIRCUIT LINE VOLTAGE TRACK WHITE FINISH	
T2	MENU BOARD LIGHT	CONTECH: CTL181V3CDP	VERTICAL INTEGRADED LED WALL WASHER TRACK LIGHT 3000K HI CRI	35 WATTS/ 120 VOLTS
TRACK	MENU BOARD	CONTECH: LT8P LT4P LT6P LT2P	SINGLE CIRCUIT LINE VOLTAGE TRACK WHITE FINISH	
D1CA	TITLE 24 SALES FLOOR DOWNLIGHT (REPLACEMENT)	ELITE: B6-GU24-IC-120-W (HOUSING) ELITE: RL628DIMTR-120-30K-90+-W-WH-GU24SA	6" IC AIR SHUT RECESSED CAN WITH GU24 BASE SOCKET AND HANGER BARS	15 WATTS / 120 VOLTS
L1	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL24LED50DMVWH35	2X4 LED EDGELIT FLAT PANEL 3500K	50 WATTS / 120 VOLTS

FIXTURES PROVIDED BY DISTRIBUTOR / LIGHTING SUPPLIER : INSTALLED BY G.C.

LIGHTING SCHEDULE

NO.	LOCATION	MRG/CATALOG NUMBER	DESCRIPTION	WATTS/ VOLTS
LM1	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL24LED50DMVWH35	2X4 LED EDGELIT FLAT PANEL 3500K SAME AS E2 WITH BATTERY BACK-UP	50 WATTS / 120 VOLTS
L2	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL22LED35DMVWH35	2X2 LED EDGELIT FLAT PANEL 3500K	35 WATTS / 120 VOLTS
LM2	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL22LED35DMVWH35	2X2 LED EDGELIT FLAT PANEL 3500K SAME AS E2 WITH BATTERY BACK-UP	35 WATTS / 120 VOLTS
L3	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL14LED37DMVWH35 MOBERN: SMKT14-MFPEL	1X4 LED EDGELIT FLAT PANEL 3500K WITH FLANGE KIT	37 WATTS / 120 VOLTS
LM3	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL14LED37DMVWH35 MOBERN: SMKT14-MFPEL	1X4 LED EDGELIT FLAT PANEL 3500K WITH FLANGE KIT SAME AS E2 WITH BATTERY BACK-UP	37 WATTS / 120 VOLTS
G1	EXIT EMERGENCY COMBO	LIGHTALARMS, UQLXN500R-2SQ LED EXIT/ EMERGENCY SIGN	UNVERSAL EXIT SIGN/ EMERGENCY BATTERY BACKUP WHITE	
G2	EXIT	LIGHTALARMS, QLXN500R-N, LED EXIT SIGN	UNIVERSAL WHITE EXIT WITH 2 HEADED EM	
EM4	EMERGENCY WALL PACK	LIGHTALARMS, LCA-25Q		

FIXTURES PROVIDED BY DISTRIBUTOR / LIGHTING SUPPLIER : INSTALLED BY G.C.

EXTERIOR FIXTURES

NO.	LOCATION	MRG/CATALOG NUMBER	DESCRIPTION	WATTS/ VOLTS
E1	TOP OF WALL	AMERLUX: WAF1/30/BLK (LIGHT) AMERLUX: WAF1/BLDG MNT/BLK-36IN (BRACKET)	SINGLE ARRAY LED FLOOD LIGHT 3000K BLACK FINISH WITH CUSTOM 36" ARM BRACKET BLACK FINISH	24 WATTS / 120 VOLTS
E2	ABOVE BANNER PANEL	AMERLUX: FL1/HWS/30/BLK (LIGHT) AMERLUX: WAF1/BLDG MNT/BLK-48IN (BRACKET)	SINGLE ARRAY LED FLOOD LIGHT 3000K BLACK FINISH WITH CUSTOM 48" ARM BRACKET BLACK FINISH HORIZONTAL WIDE SPOT BEAM	31 WATTS / 120 VOLTS
FL1	EXTERIOR WALLS	AMERILUX WAF1/BLD MNT/WAF1/30/BLK	3000K LED FLOOD LIGHT WIDE ANGLE	9 WATTS / 120 VOLTS
FL2	EXTERIOR WALLS	AMERILUX WAF1/BLD MNT/BLK-48IN	48" BRACKET FOR FL2 LIGHT 3000K LED	120 VOLTS
M3	WALL SCONCE	RAB: WPLED20Y	EXTERIOR RATED LED WALL PACK 3000K BRONZE FINISH	20 WATTS / 120 VOLTS
G3	WALL SCONCE	LIGHTALARMS, CAM-SD-DB-CW	2 HEAD LED EXTERIOR WALL PACK EMERGENCY LIGHT, DARK GREY	

1. RESTROOM LIGHTS AND EXHAUST FANS SHALL BE CONTROLED BY WALL MOUNTED MOTION SENSOR. REFER TO SHEET M2.0 FOR COORDINATION.
2. FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
3. FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
4. EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER DETAIL 2/E6.0.
5. MOUNT SHOW WINDOW RECEPTACLE WITHIN 18" OF TOP OF WINDOW.
6. EMERGENCY LIGHT TO BE CEILING MOUNTED.
7. PROVIDE JUNCTION BOX FOR HOT 'I' FRESH SIGN. COORDINATE FIXTURE MOUNTING HEIGHT AND EXACT LOCATION WITH G.C.
8. G.C. SHALL COORDINATE LOCATION OF CONDUIT PENETRATION OF BUILDING SHELL WITH SIGN VENDOR PRIOR TO PERFORMING WORK.
9. CONNECT EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT OR EXIT SIGN TO UNSWITCHED CONTINUOUSLY HOT CONDUCTOR OF LOCAL LIGHTING CIRCUIT INDICATED. NORMAL LIGHTING FIXTURES NOT MARKED AS "NL" FOR NIGHT LIGHT SHALL BE WIRED FOR SWITCHED NORMAL OPERATION.
10. CONNECT EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT OR EXIT SIGN TO UNSWITCHED CONTINUOUSLY HOT CONDUCTOR OF LOCAL LIGHTING CIRCUIT INDICATED.
11. CONNECT EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT OR EXIT SIGN TO UNSWITCHED CONTINUOUSLY HOT CONDUCTOR OF LOCAL LIGHTING CIRCUIT INDICATED.

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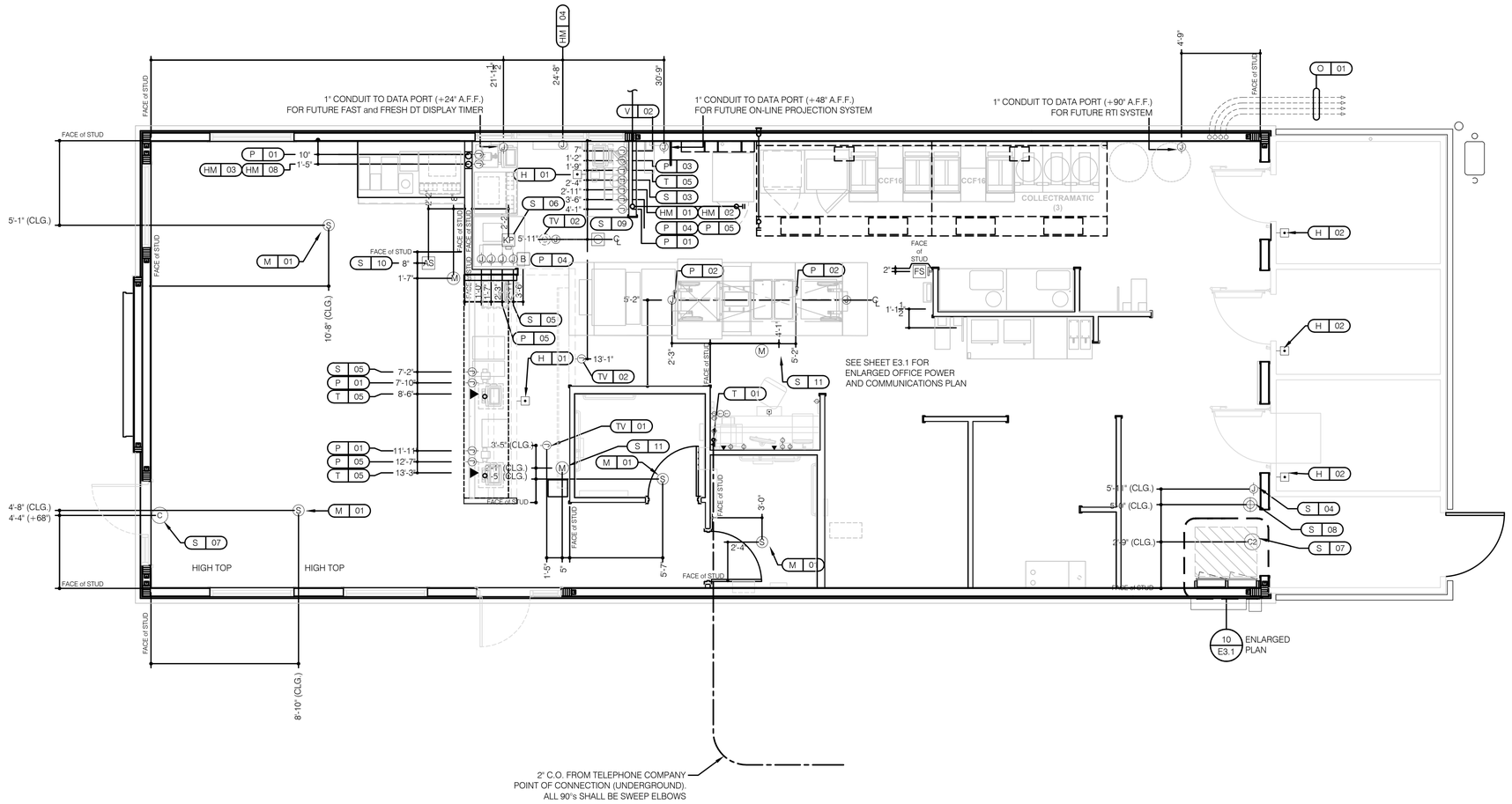
LIGHTING PLAN AND SCHEDULE

E4.0

PLOT DATE: --/--/2020



COMMUNICATIONS PLAN 1/4"=1'-0" A

- HOLD-UP BUTTON SHALL BE MOUNTED WITH THE ACTIVATION BUTTOM FACING TO THE SIDE (MOUNT 2-1/2" BEHIND COUNTER EDGE)
- (S) MUSIC SYSTEM SPEAKERS
- (O) SECURITY STROBE
- (J) J-BOX
- ◀ 2" x 4" J-BOX W/ DATA PORTS
- (M) MOTION DETECTOR
- (C) DOOR CONTACT
- (C2) DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
- "SOUND ALERT" DEVICE
- KP KEYPAD (MTD AT 48" A.F.F.)
- AS ALARM SIREN ABOVE CLG
- B BUMP PAD
- FS HOOD FIRE SUPPRESSION SYSTEM PULL STATION

COMMUNICATIONS LEGEND D

A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.) TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.

B. SEE SHTS. E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COMMUNICATIONS NOTES E

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER HOLD-UP BUTTON		
H 02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	2x4 J-BOX FLUSH MOUNTED IN WALK-IN WALL BY COOLER MANUFACTURER WITH 1/2" CONDUIT TO OUTSIDE OF COOLER NEAR KITCHEN CEILING. SECURITY SYSTEM INSTALLER TO INSTALL HOLD-UP BUTTON FACING DOWN AND RUN WIRING
HM 01	D/T J-BOX	+96" U.O.N.	4X4X4" DEEP (MIN.) J-BOX BLW. CEILING W/ (1) 2-1/2" CONDUIT TO HM-02 & HM-07. SEE DETAIL 16 / E3.1.
HM 02	D/T TIMER J-BOX	+66" A.F.F.	4X4X4" DEEP (MIN.) J-BOX @ D/T TIMER W/ (1) 2-1/2" CONDUIT TO HM-01 & (1) 1" CONDUIT TO HM-04. SEE DETAIL 16 / E3.1.
HM 03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1" CONDUIT TO HM-08 & HM-04. SEE DETAIL 16 / E3.1.
HM 04	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-03, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUITS TO D/T MENU BOARD. SEE DETAIL 16 / E3.1.
HM 07	D/T J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 2-1/2" CONDUIT TO HM-01 & (1) 1" CONDUIT TO HM-08. SEE DETAIL 16 / E3.1.
HM 08	D/T J-BOX	+96" A.F.F.	2X4 J-BOX BELOW CEILING W/ (1) 1" CONDUIT TO HM-03 & (1) 1" CONDUIT TO HM-07. SEE DETAIL 16 / E3.1.
IR 01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES. SEE ENLARGED PLAN 3 / E3.1.
M 01	SPEAKER, CEILING MOUNTED	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
M 03	MUSIC SYSTEM J-BOX	+60" A.F.F.	4X4 J-BOX W/ COVER AND W/ 1/2" CONDUIT TO ABV. CEILING FOR MUSIC SYSTEM. FOR RECIEVER, AMPLIFIER & SPEAKERS SEE SCOPE OF WORK
O 01	(4) 1" DATA CONDUITS	U.G.	FROM MENU BOARDS and SPEAKER POST to ABOVE CEILING for OCB and D/T COMM. SYSTEM. SEE 14 / E6.0.
P 01	POS J-BOX	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO ABOVE CEILING
P 02	KITCHEN MONITOR J-BOX	@ CLG.	2X4 J-BOX FLUSH @ CEILING. FOR PACK LINE / FUTURE ON-LINE PROJECTION MONITOR J-BOX
P 03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4X4" DEEP (MIN.) J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CEILING.
P 04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-05.
P 05	KITCHEN MONITOR J-BOX	+90" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-04 AND (1) 3/4" CONDUIT TO ABOVE CEILING.
P 06	NOT USED		
P 07	NOT USED		

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
S 01	J-BOX SECURITY SYSTEM	+48" A.F.F,	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02.
S 02	J-BOX SECURITY SYSTEM	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01.
S 03	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE
S 04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S 05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO ABOVE CEILING.
S 06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S 07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S 08	"SOUND ALERT" DEVICE	B.O.CEILING	CONNECT TO SECURITY SYSTEM.
S 09	SECURITY STROBE LIGHT	B.O. CEILING	CONNECT TO SECURITY SYSTEM.
S 10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM
S 11	MOTION DETECTOR	+78"	STUB 1/2" CONDUIT
S 12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR.
T 01	TELEPHONE SERVICE BOX by LOCAL PROVIDER TWO (2) TELEPHONE LINES PROVIDED	+48" A.F.F.	LINE 1 for VOICE, FAX, SECURITY / LINE 2 for HELPDESK BACKUP. G.C. TO PROVIDE 24" x 24" x 3/4" PLYWOOD PANEL at CEILING; AND PULL STRING IN 2" CONDUIT.
T 02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK.
T 03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX w/ DUPLEX RECEPTACLE (VOICE + DSL); ROUTE 1" CONDUIT ABOVE CEILING.
T 04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX w/ DUPLEX RECEPTACLE (INT. MODEM + EXT. MODEM); ROUTE 1" CONDUIT ABOVE CEILING.
T 05	POS CAT5 CABLE JACK	+24" A.F.F.	2X4 J-BOX; ROUTE 1" CONDUIT ABOVE CEILING.
	CLOSED CIRCUIT TELEVISION (CCTV)		THE STANDARD CCTV SYSTEM: (2) CCTV MONITORS, (1) w/ WALL BRACKETS AND (3) MINI-DOME CAMERAS.
TV 01	CCTV MONITOR	+102" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. BTM. OF MONITOR TO BE AT 96" A.F.F.
TV 02	SECURITY CAMERA	+96" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/(1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD.
V 01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
V 02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.

COMMUNICATIONS ROUGH-IN SCHEDULE B

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

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

KFC

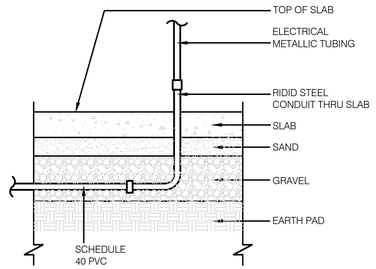
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

COMMUNICATION PLANS AND SCHEDULE

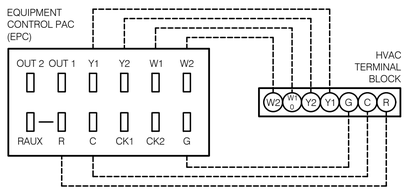
E5.0

PLOT DATE: --/-/2020



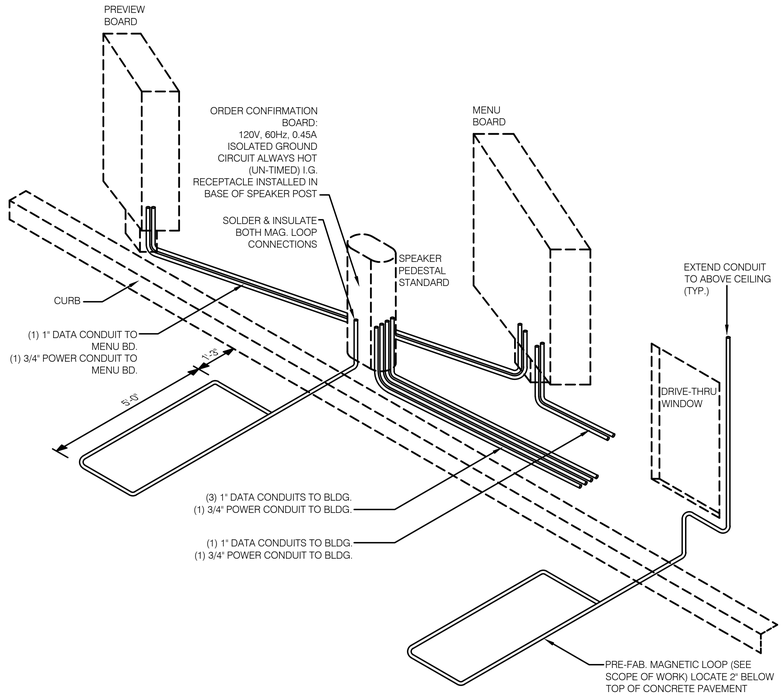
NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

UNDER SLAB CONDUIT N.T.S. 17



WIRES FROM RTU TERMINAL MARKED	FUNCTION	INSTALL ON ECP CONNECTOR MARKED
G or F	Fan	G
Y1, Y or C	Cooling	Y1
W1, W or H	Heating	W1, O, B
Rh, R, M, Vr or A	Power	R
C	Common	C
O/B	Rev. Valve	W1, O, B
W2	2nd Stage Heat	W2
Y2	2nd Stage Cool	Y2

RTU INNER CONNECTION N.T.S. 18



DRIVE THRU COMMUNICATIONS ISOMETRIC N.T.S. 14

THIS INTERLOCK SYSTEM IS INTENDED TO MAKE AVAILABLE A FULL VOLUME OF REPLACEMENT AIR TO THE BUILDING WHEN ALL EXHAUST FANS ARE ACTIVATED BY THE "OCCUPIED" RELAY.

SEQUENCE OF OPERATION:

OCCUPIED MODE:
'OCCUPIED' SWITCH IN MANAGER'S OFFICE IS SWITCH TO 'OCCUPIED' STATE, KITCHEN EXHAUST FAN STARTERS SHALL ENERGIZE STARTING BOTH EXHAUST FANS. KITCHEN EQUIPMENT LOCATED UNDER THE HOODS SHALL BE ENERGIZED VIA CONTACTORS C-4.1 AND C-4.2 VIA CONTACTOR C-3.1. AN AUXILIARY CONTACT IN EACH EXHAUST FAN MOTOR STARTER SHALL CLOSE, TURNING ON HOOD WORK LIGHTS, INDICATING THAT THE EXHAUST FAN STARTER HAS BEEN ACTIVATED.

SPACE THERMOSTAT SENSORS SHALL CYCLE ROOF TOP UNITS TO MAINTAIN "OCCUPIED" SPACE TEMPERATURES.

UN-OCCUPIED:
WHEN 'OCCUPIED' SWITCH IN MANAGER'S OFFICE IS TURNED TO THE 'UN-OCCUPIED' MODE, CONTACTOR C-3.1 SHALL DE-ENERGIZE, CAUSING THE KITCHEN EQUIPMENT UNDER THE HOODS TO DE-ENERGIZE VIA CONTACTORS C-4.1 AND C-4.2 AND EXHAUST FANS SHALL CEASE OPERATION. ALSO, HOOD LIGHTS SHALL BE TURNED OFF.

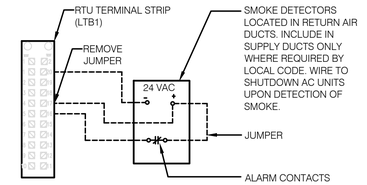
SPACE THERMOSTATS SHALL CYCLE ROOFTOP FANS AND HEATING OR COOLING TO MAINTAIN "UN-OCCUPIED" SPACE TEMPERATURES.

EMERGENCY OPERATION:
ASHRAE STANDARD 154 (7.1.1)
NFPA 96 (13.3)
IMC 2009-A

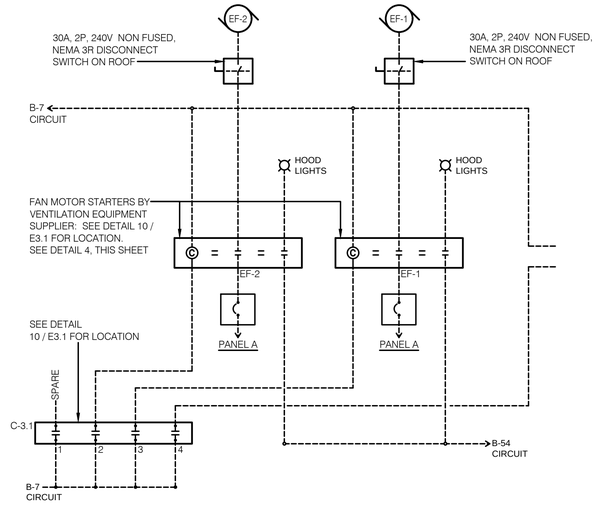
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE AN INTERRUPTION OF POWER TO CONTACTORS C-4.1 AND C-4.2 CAUSING CONTACTS IN C-4.1 AND C-4.2 TO OPEN UP AND THUS REMOVING POWER FROM ALL DEVICES LOCATED UNDER THE HOODS. EXHAUST FANS SHALL NOT BE EFFECTED BY THIS OPERATION AND SHALL CONTINUE TO BE CONTROLLED BY THE "OCCUPIED" OR "UN-OCCUPIED" CONDITIONS.

NOTES:

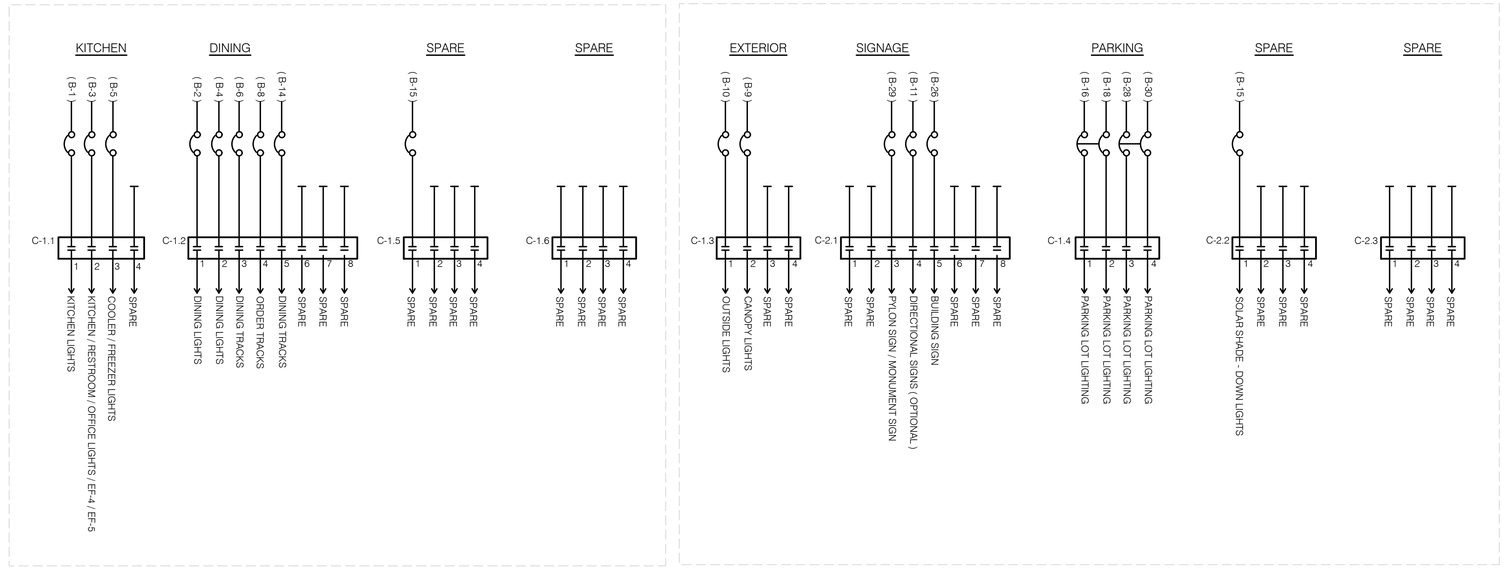
1. REFER TO THE ELECTRICAL ROOF PLAN, SHEET E3.2 FOR UNIT LOCATIONS AND FURTHER ELECTRICAL REQUIREMENTS.
2. REFER TO THE MECHANICAL SCHEDULES ON SHEET M1.0 FOR ELECTRICAL REQUIREMENTS.



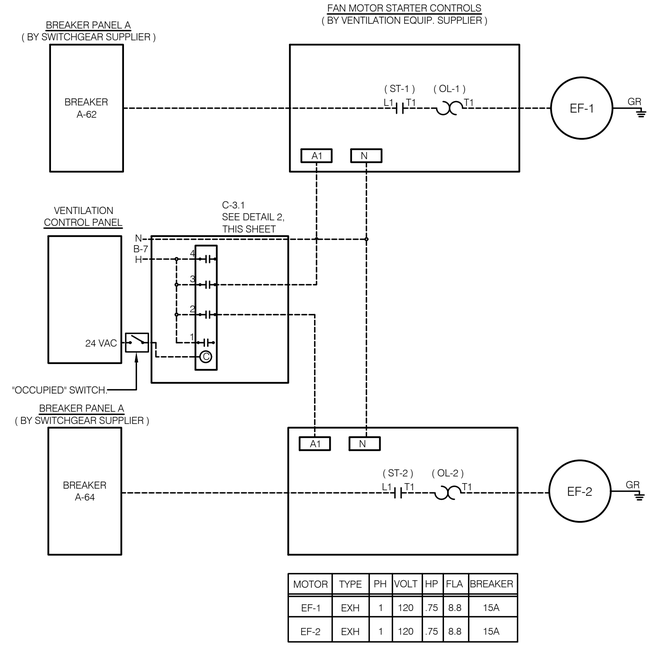
RTU VOYAGER UNIT
SMOKE DETECTOR



HOOD SHUT-DOWN DETAIL N.T.S. 2



LIGHTING CONTACTORS N.T.S. 8



MOTOR	TYPE	PH	VOLT	HP	FLA	BREAKER
EF-1	EXH	1	120	.75	8.8	15A
EF-2	EXH	1	120	.75	8.8	15A

EXHAUST FAN MOTOR STARTERS N.T.S. 4

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LIS PROJECT;	2019-304

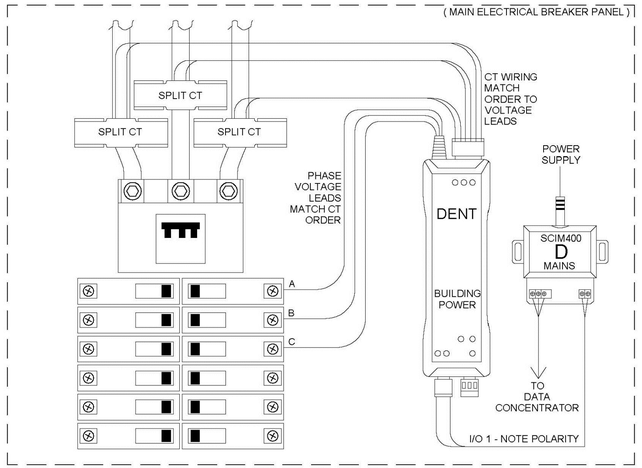
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

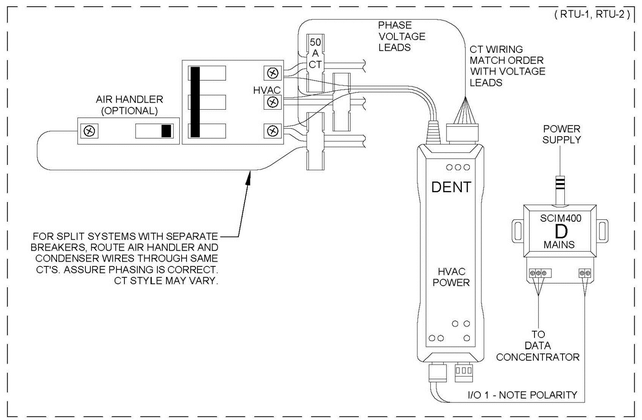
Kb 30-19

ELECTRICAL LINE DIAGRAMS AND DETAILS

E6.0

PLOT DATE: --/--/2020

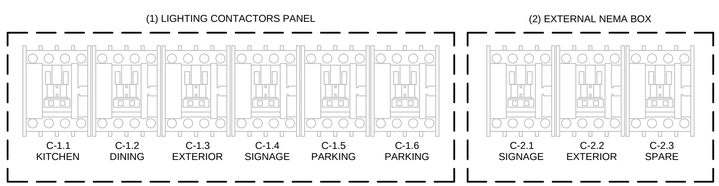




POWER MONITORING NOTES:

1. DENT POWER SCOUT NEEDS TO BE PRE-CONFIGURED TO MATCH CT SIZE.
2. CT SIZES AND STYLES VARY TO MATCH APPLICATION.
3. WHITE VOLTAGE LEAD CONNECTED TO NEUTRAL / GROUND.
4. SEE POWER SCOUT DOCUMENTATION FOR ADDITIONAL INSTALLATION DETAILS AND SCHEMATICS.
5. HVAC POWER MONITORING ONLY ON SELECTED TEST LOCATIONS.

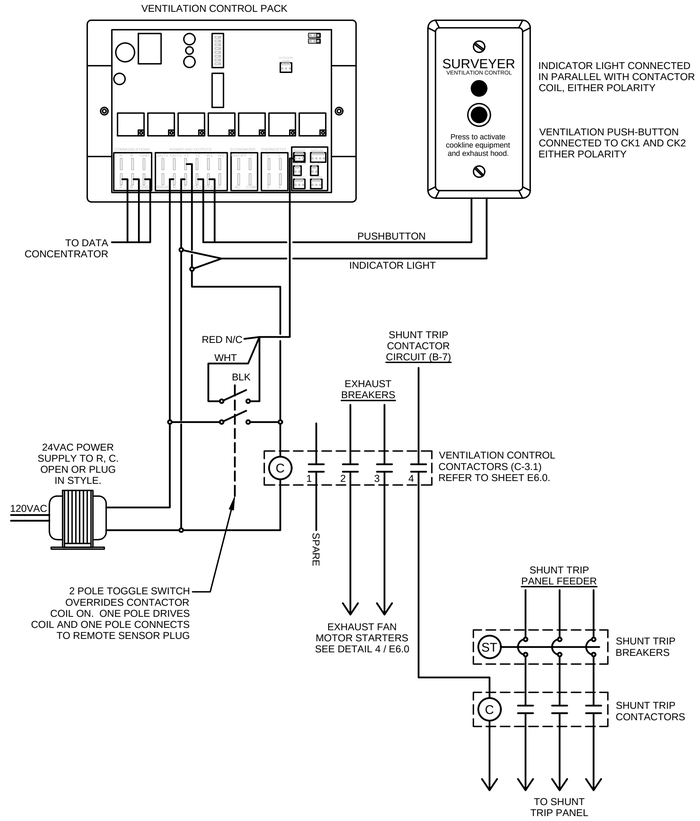
POWER MONITORING N.T.S. **11**



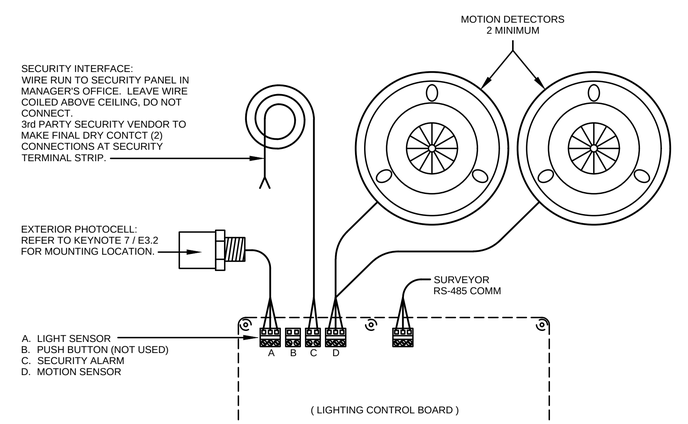
LIGHTING CONTACTOR NOTES:

1. WIRE COILS OF SLAVE CONTACTORS TO CORRESPONDING COILS IN LIGHTING CONTROL.
2. COORDINATE WITH LIGHTING CONTACTOR DETAIL 8 / E6.0.
3. LIGHTING CONTACTORS PANEL, EXTERNAL NEMA BOX, and ALL ASSOCIATED CONTACTORS BY GC.

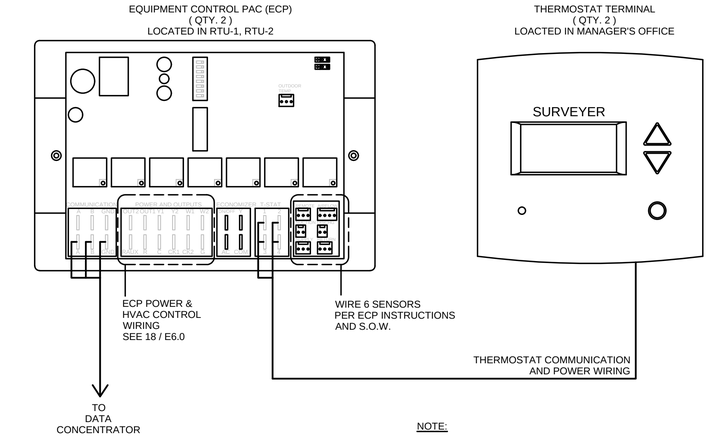
LIGHTING CONTACTOR SCHEDULE N.T.S. **12**



VENTILATION CONTROL N.T.S. **8**



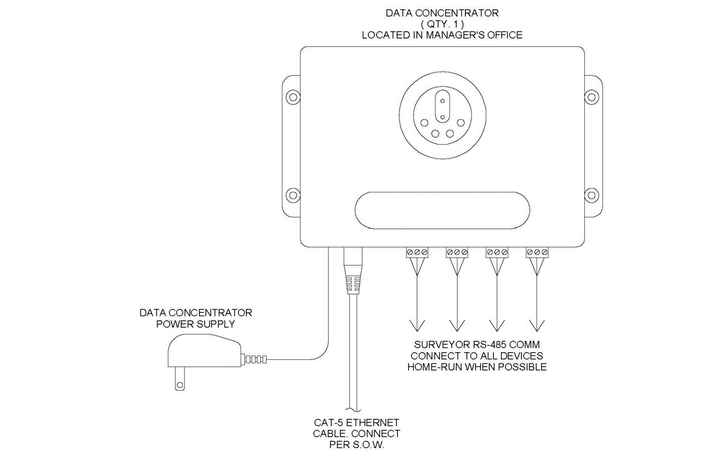
LIGHTING CONTROL N.T.S. **9**



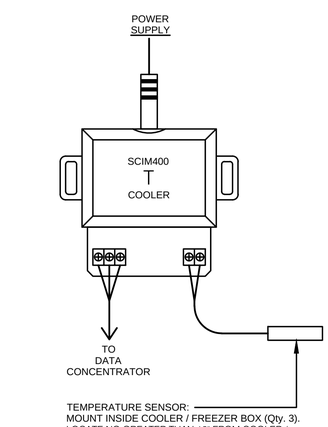
NOTE:

OUTSIDE TEMPERATURE SENSOR CONNECTED TO ONE ECP ONLY PER LOCATION. FACE NORTH WHEN POSSIBLE.

HVAC CONTROL N.T.S. **1**



DATA CONCENTRATOR N.T.S. **2**



TEMERATURE MONITOR N.T.S. **4**

A. DO NOT SCALE DRAWINGS.

B. PANELS, HARDWARE, CONTACTORS PROVIDED BY ENERGY MANAGEMENT SYSTEM (EMS) SUPPLIER; UNLESS NOTED OTHERWISE. G.C. IS RESPONSIBLE FOR COMPONENT INSTALLATION AND WIRING.

C. REFER TO SURVEYOR MANUAL AND INSTALLATION INSTRUCTIONS OF EACH COMPONENT FOR ADDITIONAL CRITICAL INFORMATION.

D. INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. REFER TO SURVEYOR MANUAL FOR ADDITIONAL SAFETY INFORMATION.

E. ENERGY MANAGEMENT SYSTEM (EMS) CONTACT INFORMATION:

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s.tudhope@venstar.com
Direct Line: (818) 812.9807

CRAIG GODWIN
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Direct Line: (541) 359.4176

GENERAL NOTES **3**

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LIS PROJECT; 2019-304

KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

ENERGY MANAGEMENT SYSTEM DETAILS

E6.1

PLOT DATE: --/--/2020