

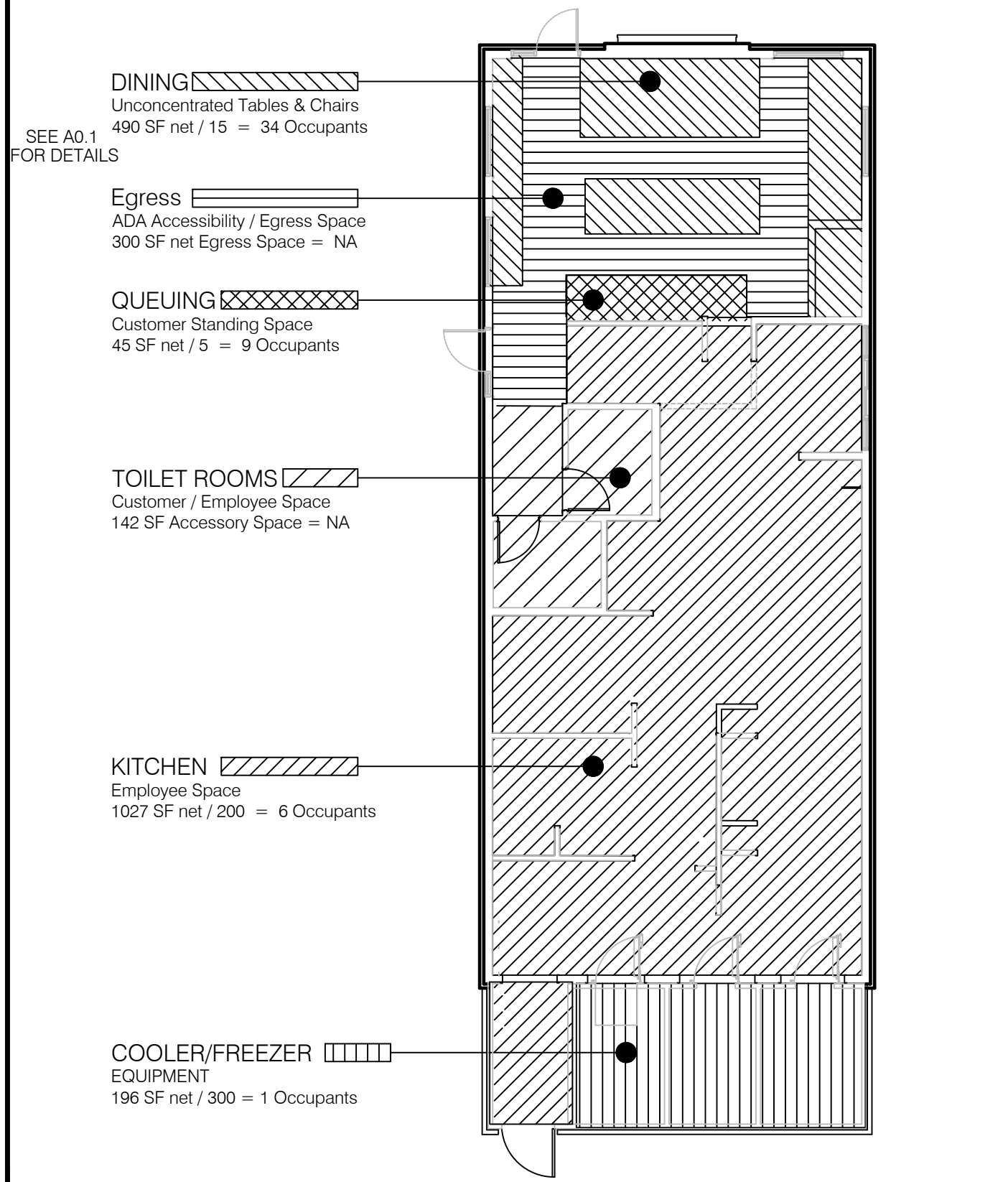


KFC Kb 30-19 AMERICAN SHOWMAN

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 OWNERS 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

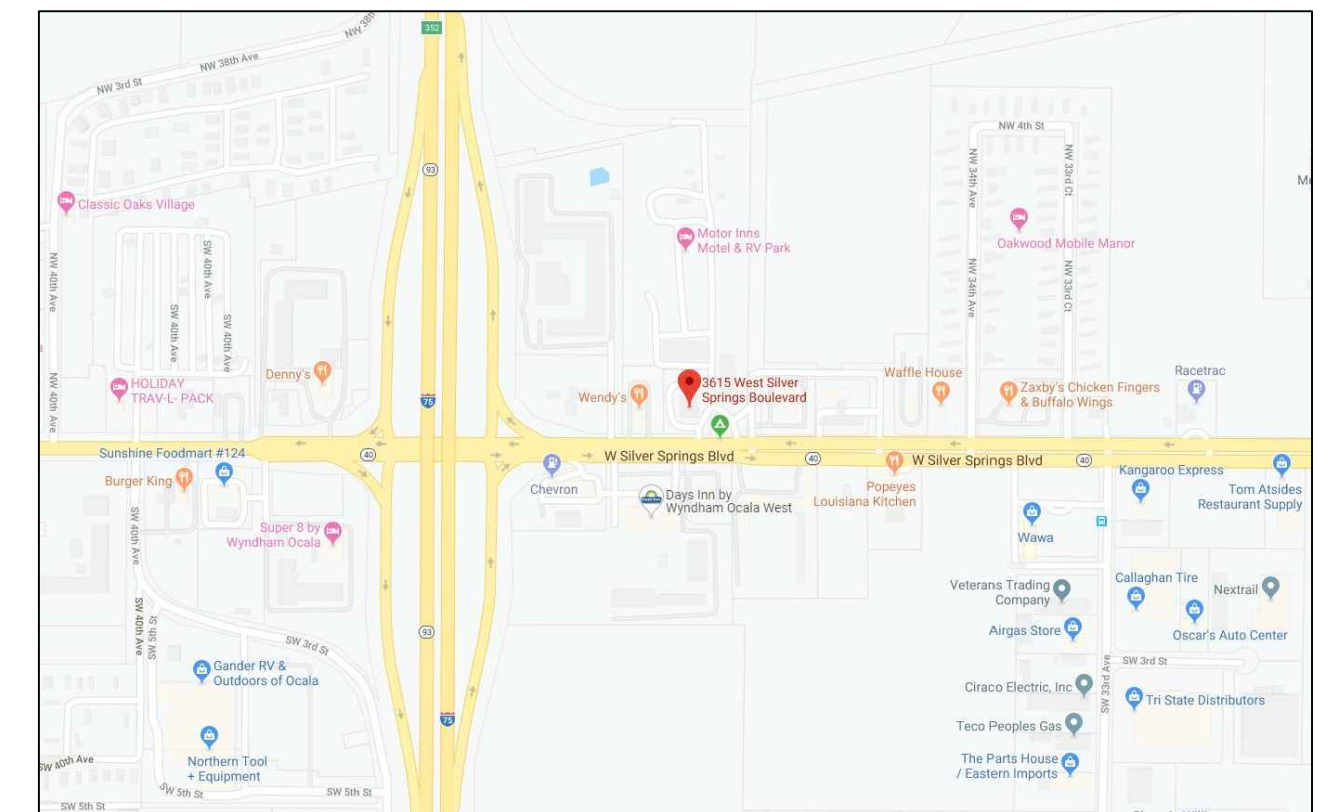


OCCUPANT LOAD KEY PLAN

NAME	ROOM NAME	WT-x	WALL TYPE (ARCHITECTURAL)
ELEV. x Ax.x	ELEVATION NUMBER SHEET NUMBER	(X)	DOOR NUMBER
x'-x"	CEILING HEIGHT	(X)	WINDOW NUMBER / DECOR ITEM NUMBER
x Ax.x	BLDG. SECTION LETTER BLDG. SECTION SHEET	(X)	EXTERIOR WALL FINISH NUMBER
x Ax.x	DETAIL NUMBER DIRECTION OF DETAIL DETAIL SHEET	(X-xxx)	KEY NOTE
x Ax.x	DETAIL NUMBER DIRECTION OF DETAIL DETAIL SHEET	Xx	EQUIPMENT NUMBER
x Ax.x	DETAIL NUMBER DIRECTION OF DETAIL DETAIL SHEET	(X)	ROOM FINISH NUMBER
ELEV. x'-x"	BLDG. HEIGHT REFERENCE POINT	(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
2012 NFPA 101

ELECTRICAL: NATIONAL ELECTRICAL CODE, 2014 EDITION

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-BOOTH(S)) = 36 (30 ACTUAL SEATS)
QUEUING	45 SF	(45 / 5) = 9
TOILET RMs	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: HELPDISK 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 BTU/H

REFER TO THE FULL EXTENT OF DOCUMENTS FOR ADDITIONAL 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	BUILDING DEPARTMENT CITY OF OCALA 201 SE 3RD STREET, 2ND FLOOR OCALA, FL 34471 CONTACT: DEREK WEICHMANN PHONE: 352-629-8571
CIVIL ENGINEER MASTROSERIO ENGINEERING, INC 170 SE 32ND PLACE OCALA, FL 34471 CONTACT: PAOLO MASTROSERIO PHONE: 352-840-9909	ARCHITECT LIS ARCHITECTURE, LLC. 2572 WEST SR 426 OVIEDO, FL 32765 CONTACT: CARLOS SOBRIN PHONE: 321-244-0402
SURVEYOR EXTREME SURVEYING OF FLORIDA, INC 29340 RHODIN PLACOE WESLEY CHAPEL, FLORIDA 33545 CONTACT: ALEX B. THOMPSON JR. PHONE: 813-973-2092	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	ELECTRIC OCALA UTILITY SERVICES (OUS) 1805 NE 30TH AVENUE, BLDG 400 OCALA, FL 34470 Contact: DONNIE FALES Phone: 352-351-6620
WATER CITY OF OCALA DEPARTMENT OF PUBLIC WORKS 1805 NE 30TH AVENUE, BLDG 600 OCALA, FL 34470 Contact: OSCAR TOVAR Phone: 352-351-6772	TELEPHONE CENTURYLINK 1720 NE 23RD TERRACE OCALA, FL 34470 Contact: DANIEL CCANNON Phone: 855-445-1878
GAS TECO PEOPLES GAS 316 SW 33RD AVE OCALA FLORIDA 34474 Contact: CUSTOMER CARE Phone: 352-622-0111	

UTILITY CONTACTS

TITLE/SITE	REVISIONS:							
	1	2						
T1.0 TITLE SHEET	X							
STRUCTURAL								
S1.0 STRUCTURAL NOTES								
S2.0 FOUNDATION PLAN								
S3.0 WALL FRAMING PLAN								
S4.0 ROOF FRAMING PLAN								
S5.0 STRUCTURAL DETAILS (FOUNDATION)								
SS.1 STRUCTURAL DETAILS (FRAMING)								
SS.2 STRUCTURAL DETAILS (ROOF)								
SS.3 STRUCTURAL DETAILS (FRAMING)								
ARCHITECTURAL								
LS1.0 LIFE SAFETY PLAN		X						
A1.0 FLOOR PLAN		X						
A1.1 DOOR / WINDOW ELEVATIONS and SCHEDULE		X						
A2.0 EQUIPMENT PLAN and SEATING PLAN		X						
A2.1 EQUIPMENT SCHEDULE		X						
A3.0 ROOF PLAN								
A4.0 EXTERIOR ELEVATION								
A4.1 EXTERIOR ELEVATIONS								
A5.0 WALL SECTIONS								
A5.1 WALL SECTIONS								
A5.2 WALL SECTIONS								
A6.0 CONSTRUCTION DETAILS								
A6.1 CONSTRUCTION DETAILS		X						
A6.2 CONSTRUCTION DETAILS								
A6.3 CONSTRUCTION DETAILS and INTERIOR FINISH								
A7.0 FLOOR FINISH PLAN		X						
A7.1 REFLECTED CEILING PLAN		X						
A7.2 FINISH SCHEDULE - RESPONSIBILITY SCHEDULE								
A8.0 INTERIOR ELEVATIONS - DINING ROOM								
A8.1 INTERIOR ELEVATIONS - ENLARGED RESTROOM & OFFICE PLAN								
A8.2 INTERIOR ELEVATIONS - KITCHEN		X						
A8.3 INTERIOR ELEVATIONS - KITCHEN								
ACCESSIBILITY								
ADA.1 ACCESSIBILITY REQUIREMENTS								
MECHANICAL								
M1.0 MECHANICAL SCHEDULES and NOTES								
M2.0 MECHANICAL DIFFUSER and DUCT PLAN		X	X					
M3.0 HOOD PLAN ELEVATIONS and SECTIONS								
M3.1 HOOD PLAN ELEVATIONS and SECTIONS								
M4.0 MECHANICAL SYSTEM DETAILS								
PLUMBING								
P1.0 PLUMBING SCHEDULES and NOTES								
P2.0 WASTE and VENT PLAN			X	X				
P3.0 WATER and GAS PLAN		X	X	X				
P4.0 RISER DIAGRAMS								
P5.0 PLUMBING DETAILS								
ELECTRICAL								
E1.0 ELECTRICAL SITE PLAN								
E1.1 SITE ELECTRICAL LIGHTING PLAN								
E2.0 RISER DIAGRAM and LEGEND								
E2.1 PANEL SCHEDULES and LOAD SUMMARY								
E2.2 EQUIPMENT SCHEDULES								
E3.0 POWER FLOOR PLAN								
E3.1 ENLARGED POWER PLAN and DETAILS						X		
E3.2 POWER ROOF PLAN								
E4.0 LIGHTING PLAN and SCHEDULE								
E5.0 COMMUNICATIONS PLAN and SCHEDULE						X		
E6.0 ELECTRICAL LINE DIAGRAMS and DETAILS						X		
E6.1 ENERGY MANAGEMENT SYSTEM (EMS) DETAILS								

SHEET INDEX

LIS
LAND INVESTMENT SERVICES, LLC
AA 26092640 CA NG: 6853 LB1057
ARCHITECTURE / ENGINEERING OFFICE
2572 West State Road 426
Suite 2064, Oviedo, FL 32765
Phone: (321) 244-0402
Facsimile: (321) 244-9419

ARCHITECTURE
ENGINEERING

HAROLD DANIEL HUTTER III
FL REG. AR98913

PLAN SET REVISIONS:

DATE	DESCRIPTION
4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

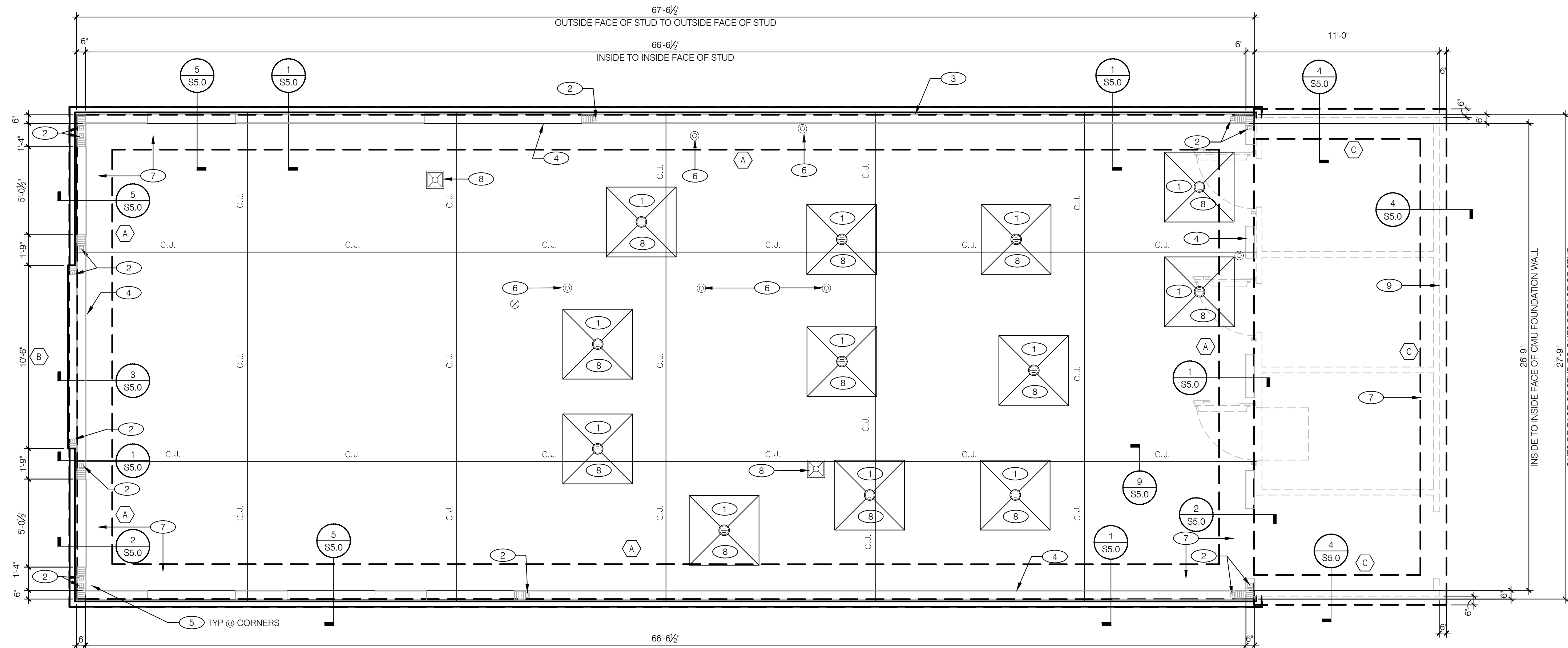


TITLE SHEET

T1.0

PLOT DATE: - / - / 2020

(BUILDING FRONT)



(BUILDING RIGHT)

(BUILDING REAR)

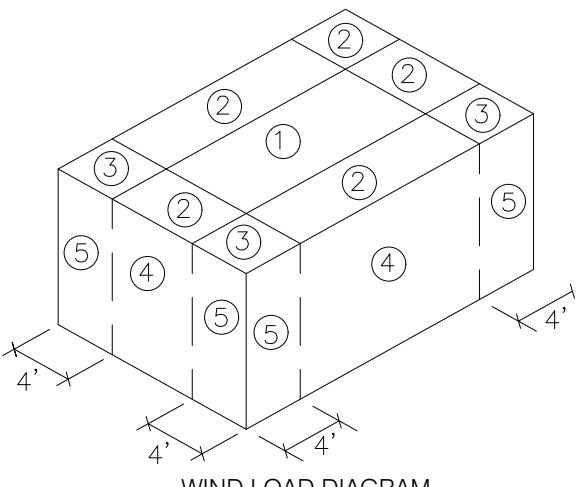
CONCRETE FOOTING SCHEDULE								REMARKS	
LABEL	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.	TOP REINF.			
					LONG WAY	SHORT WAY	LONG WAY	SHORT WAY	
A	MONO	CONT.	2'-6"	1'-8"	(4) #5	N/A			(1) #5 TRANSVERSE @ 24" O.C. (INCLUDES BRICK LEDGE)
B	MONO	CONT.	2'-6"	1'-8"	(4) #5	N/A			(1) #5 TRANSVERSE @ 24" O.C.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

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

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

WINDBORNE DEBRIS REGION:
 NO
 YES
 IMPACT RESISTANT GLAZING
 IMPACT RESISTANT COVERING

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



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

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

SURFACE ROUGHNESS:
 B C D

EXPOSURE CATEGORY:
 B C D

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

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

DESIGN PARAMETERS **E**

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

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

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

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

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

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

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

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

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

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

TERMITE PROTECTION **D**

DIMENSIONS NOTED ARE TO FACE OF CMU. REFER TO SHEET A1.0 FOR OTHER DIMENSIONS NOT OTHERWISE NOTED. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N. SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

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

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

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

B. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE I or TYPE III. VERIFY MINIMUM CONCRETE STRENGTH AND CEMENT TYPE.
 C. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
 D. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI 318-11 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.

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

FOUNDATION PLAN NOTES **C**

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

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

ARCHITECTURE
ENGINEERING

LIS

ENGINEERING OFFICE
 21430 Palm Beach Blvd.
 Aventura, FL 33190
 Phone: (305) 693-9244
 facsimile: (305) 693-9828

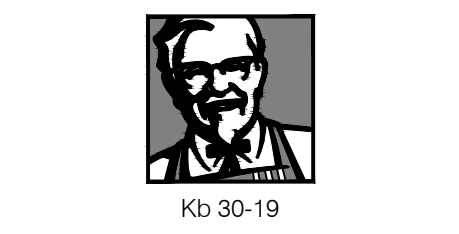
ARCHITECTURE / ENGINEERING OFFICE
 2577 W. State St.
 Suite 2064, Oviedo, FL 32765
 Phone: (321) 244-0402
 facsimile: (321) 244-9419

ROBERT WAYNE CASE
 FLORIDA PE. #44643

- PLAN SET REVISIONS:
- A/4/29/2020 BLDG DEPT COMMENTS
 - A/3/08/2022 OWNER CHANGES

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

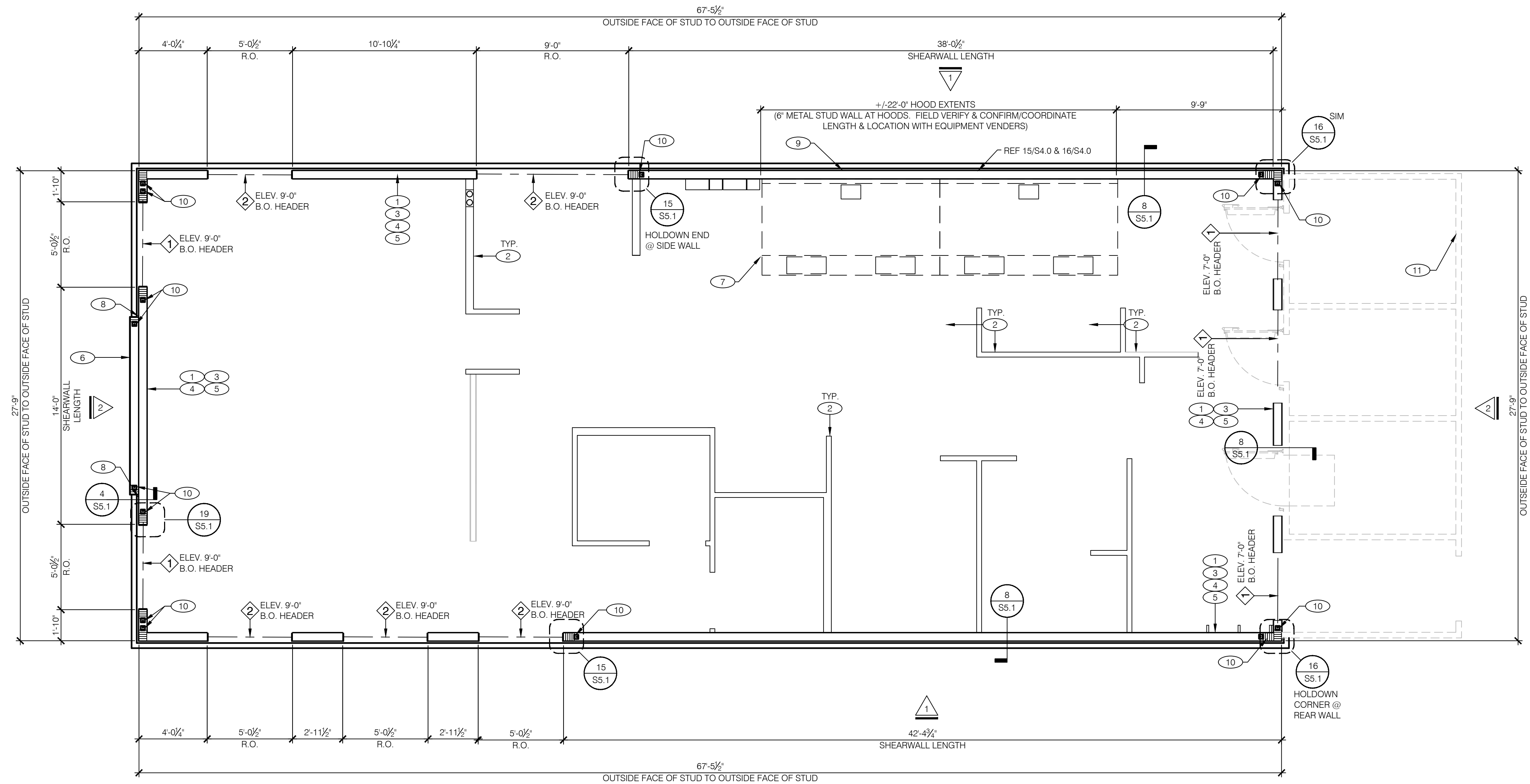
KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL



FOUNDATION PLAN

S2.0

PLOT DATE: --/--/2020



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 3/4" PLYWOOD SANDWICHED PIECES. SEE DETAIL 14, SHEET S4.2 FOR CONNECTION.

2. MANUFACTURED LUMBER SHALL 1 9F 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.

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 HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.

6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER DETAILS ON S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQS.

7. EDGE NAIL WALL PLYWOOD TO STUDS OR POSTS WITH HOLDDOWNS.

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 BOLTS AND WOOD SILL PLATE AT ALL INTERMEDIATE SILL ANCHORS.

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.

- 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/SS.1 AND WALL FRAMING NOTES.
- 3 (2) 2 x 6 TOP PLATES @ PARAPET 18-5"; TYPICAL U.N.O. SPLICE PER 11/SS.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/SS.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

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Kb 30-19

WALL FRAMING PLAN

S3.0

PLOT DATE: --/--/2020

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

ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

NO.	DATE	DESCRIPTION
1	4/29/2020	BLDG DEPT COMMENTS
2	3/08/2022	OWNER CHANGES

CONTRACT DATE: --/--/2019

BUILDING TYPE: Kb 30-19

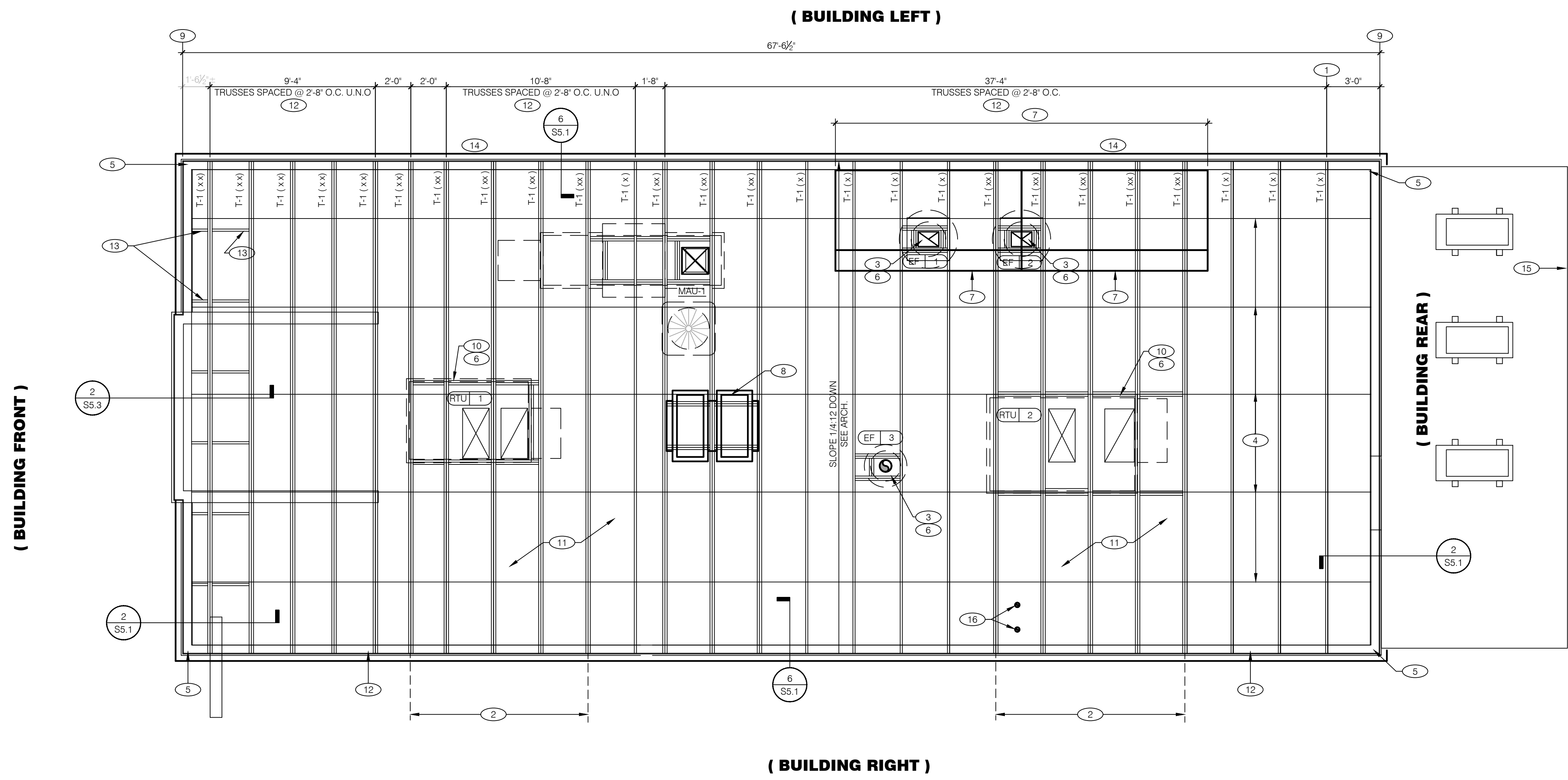
PLAN VERSION: 2018.A

SITE NUMBER:

ENTITY NUMBER:

STORE NUMBER:

LIS PROJECT: 2019-304



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/SS.2 FOR DEFINITIONS.

- 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 / SS.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. MANUFACTURED ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.
 - B. "T-# (x)" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 13 / SS.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. MANUFACTURED ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 9 / SS.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 CONTRACTOR'S EXPENSE.
 - L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

- 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 EXHAUST 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 / SS.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 / SS.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 / SS.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

NAILING SCHEDULE - ROOF D

ROOF FRAMING NOTES C

KEY NOTES B

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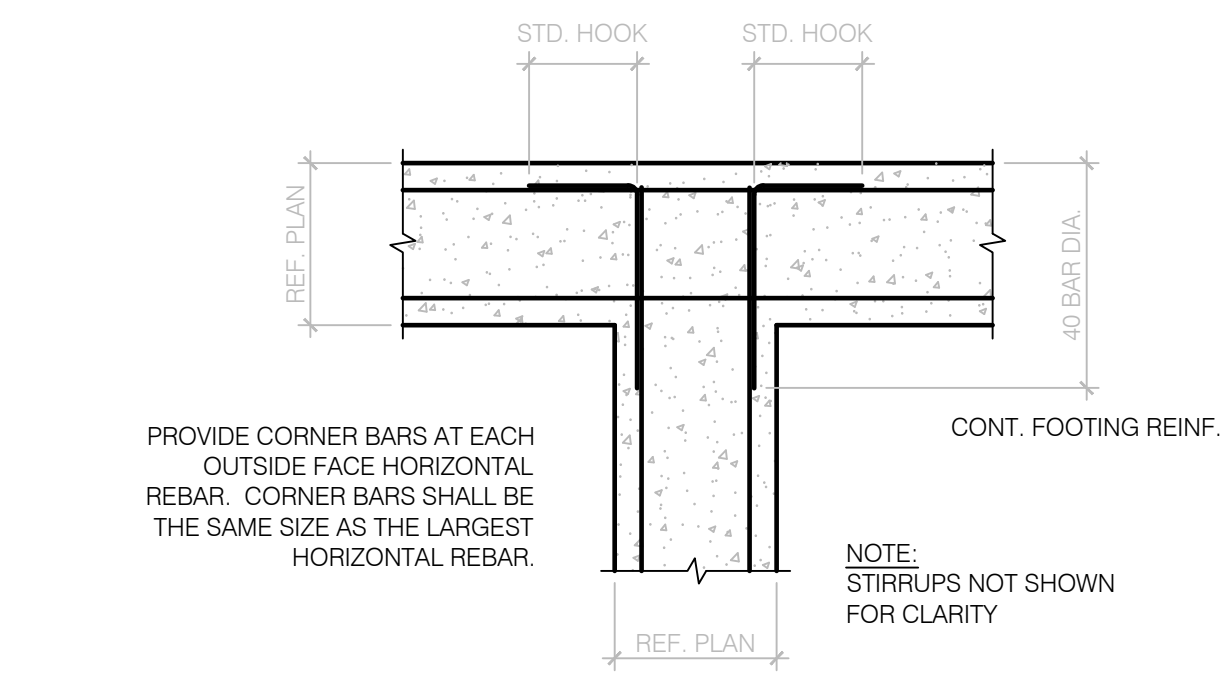
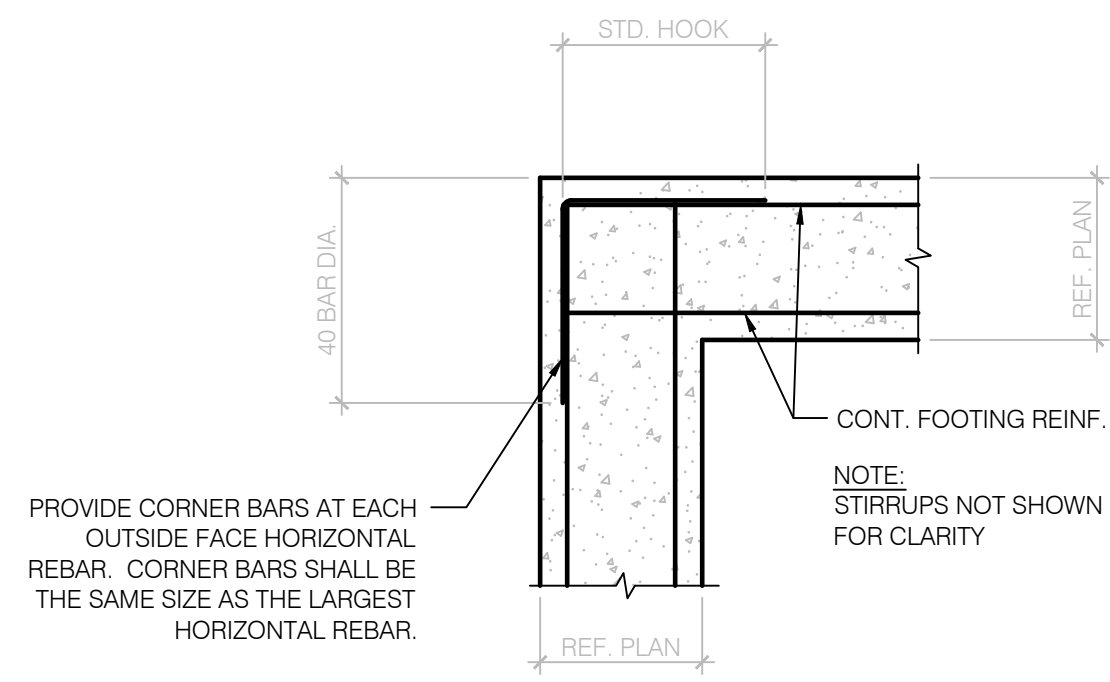


Kb 30-19

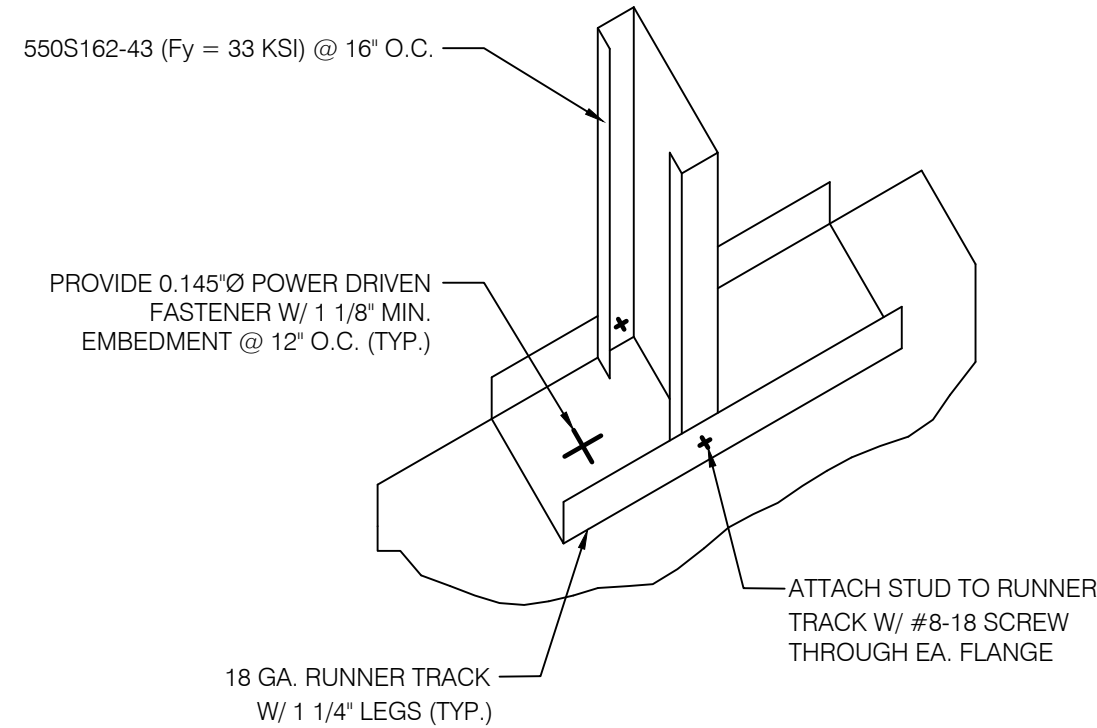
**ROOF
FRAMING
PLAN**

S4.0

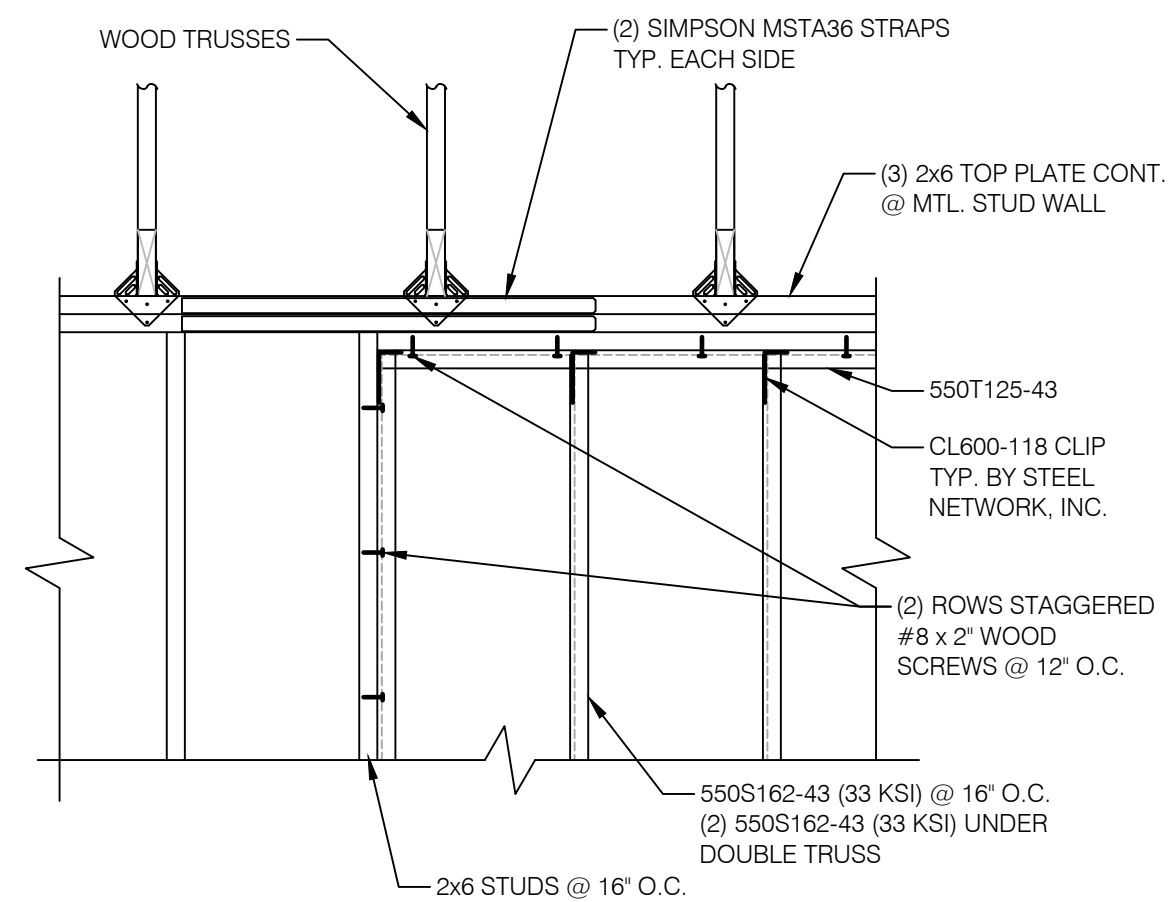
PLOT DATE: --/--/2020



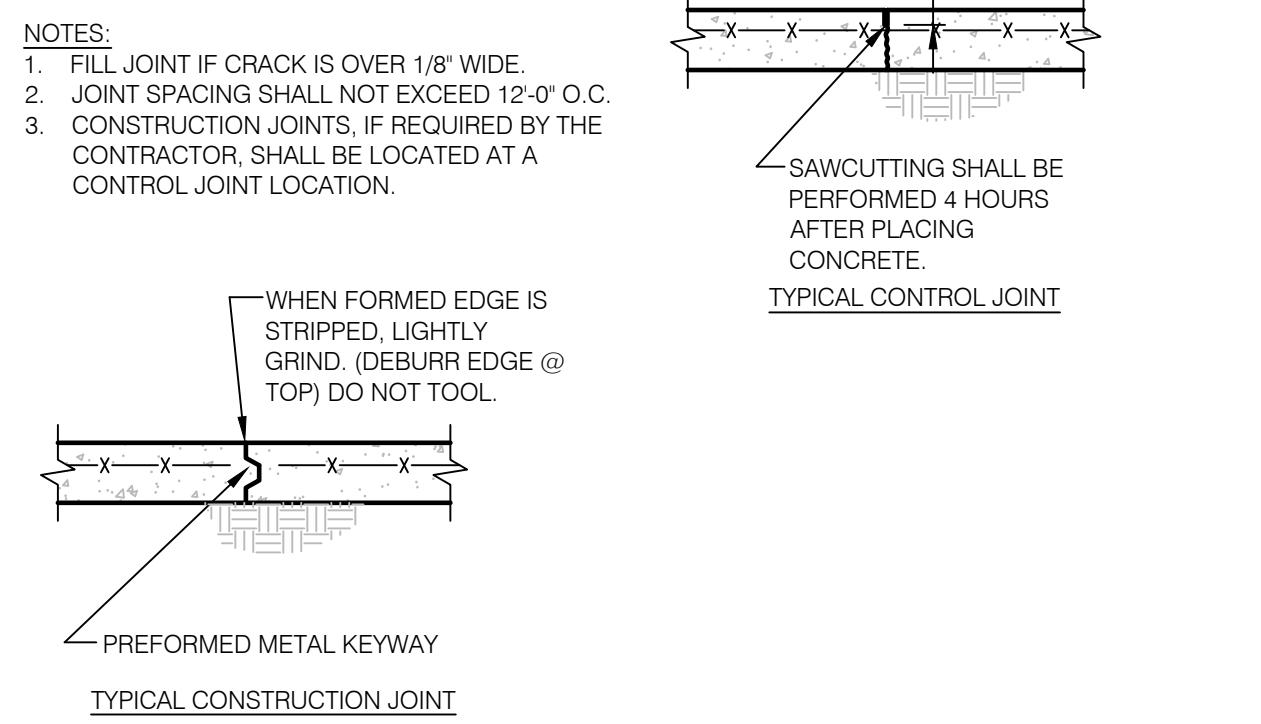
CORNER & INTERSECTING REINF. N.T.S. **14**



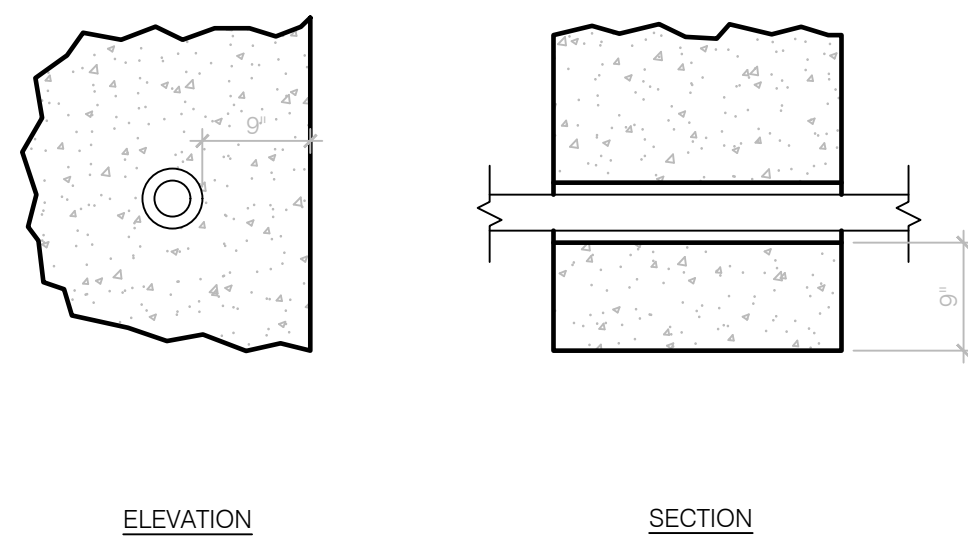
METAL STUD WALL BASE N.T.S. **15**



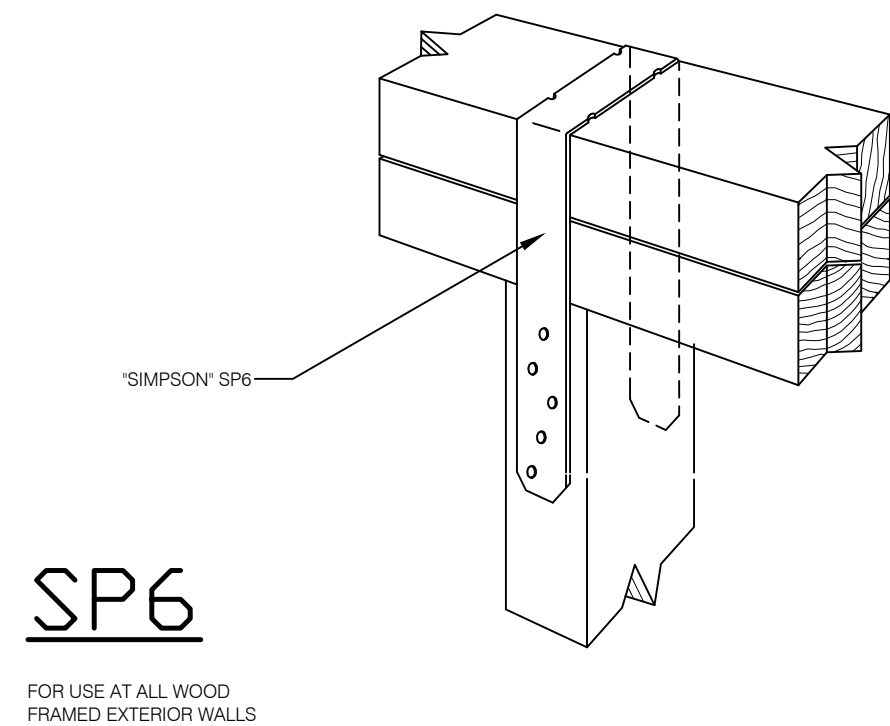
METAL STUD FRAMING N.T.S. **16**



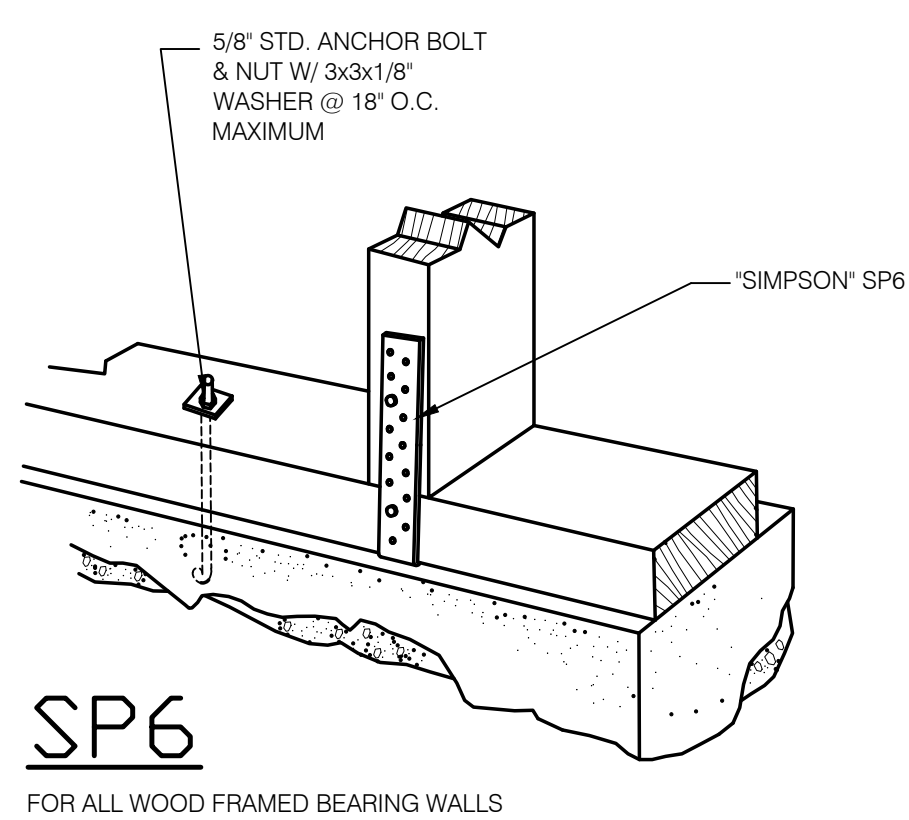
TYP. CONST. & CONTROL JOINT DETAILS N.T.S. **9**



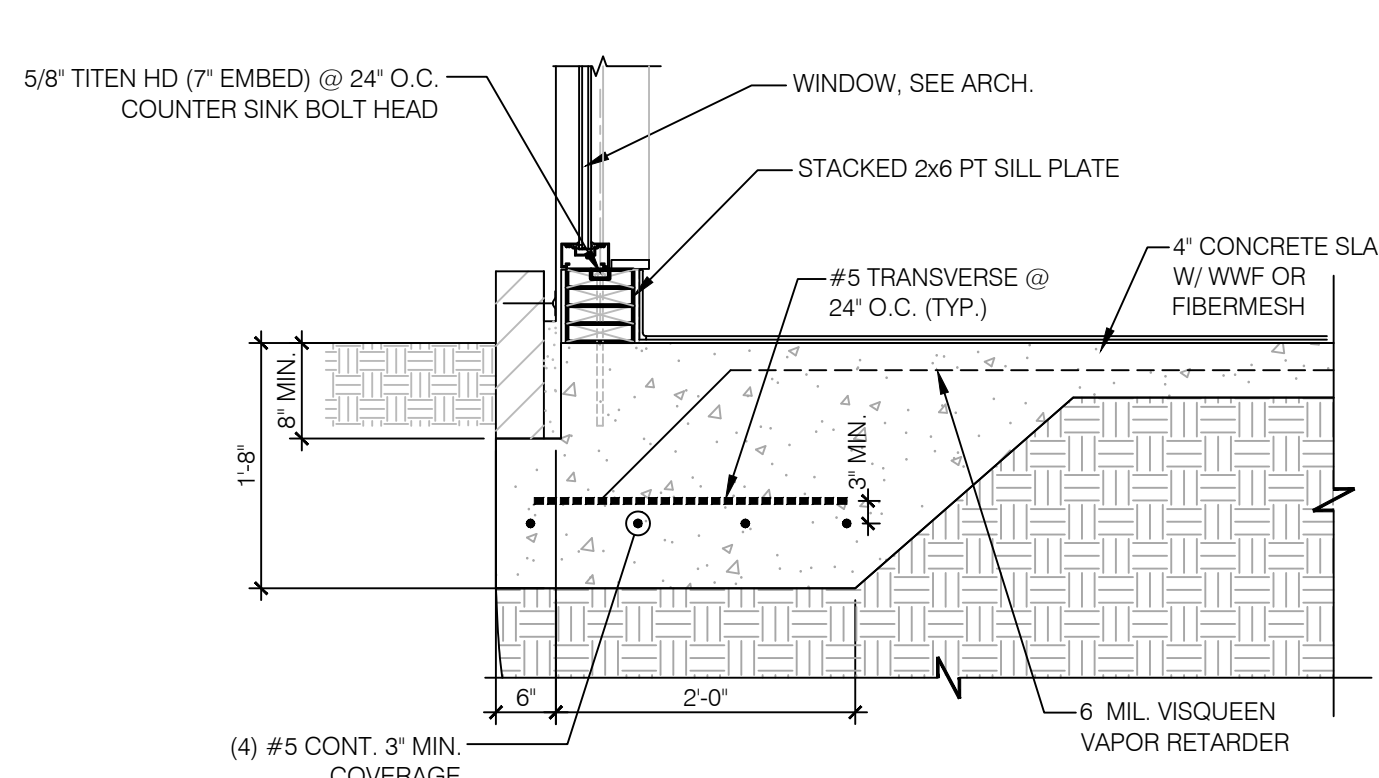
PIIPES THROUGH FOUNDATIONS N.T.S. **10**



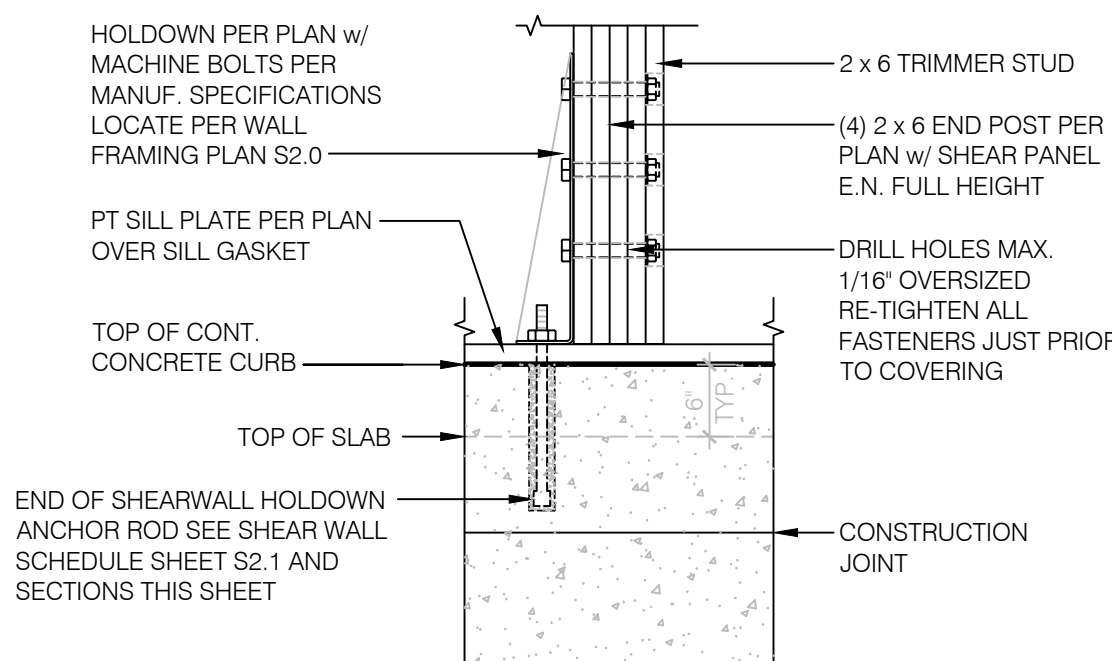
TOP PLATE CONNECTOR N.T.S. **11**



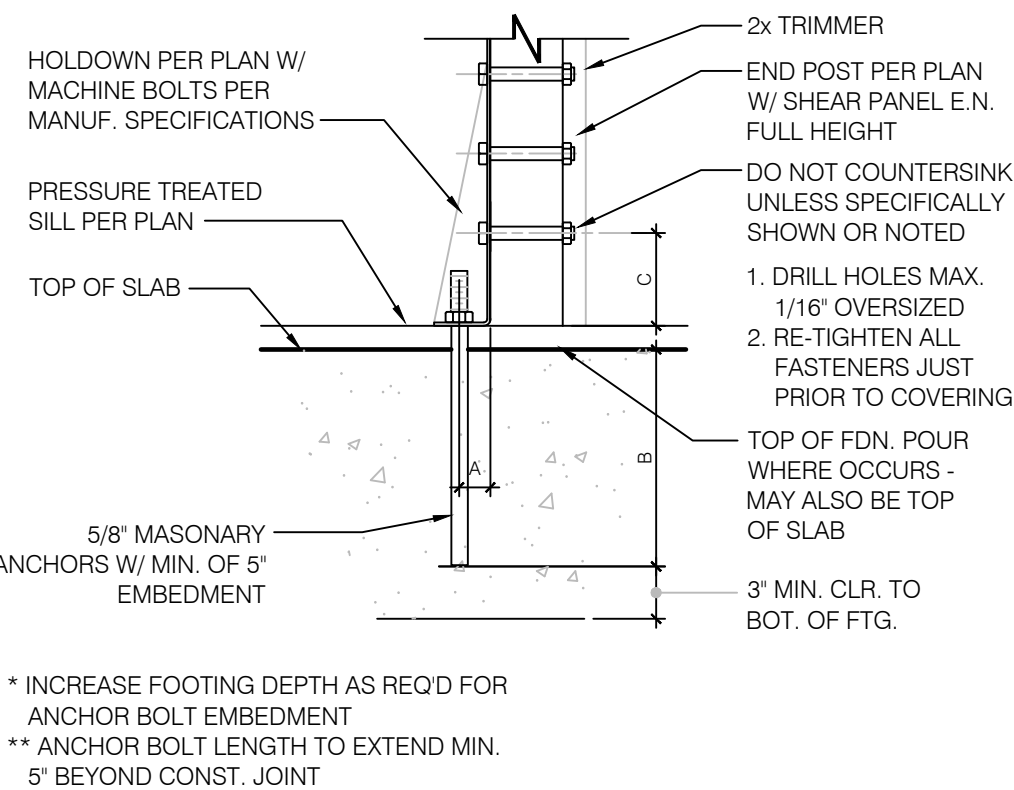
BOTTOM PLATE CONNECTOR N.T.S. **12**



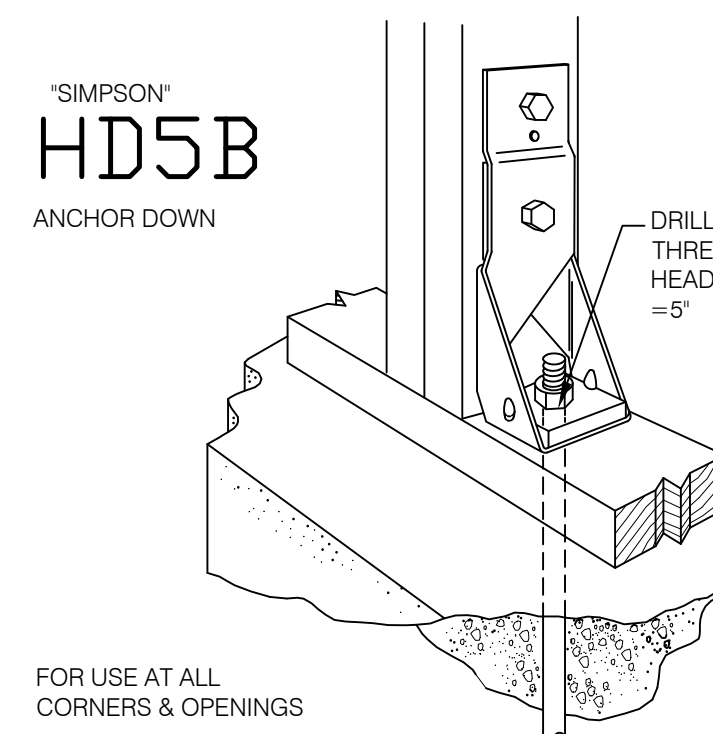
NEW FOOTING @ LOW WINDOW 3/4" = 1'-0" **5**



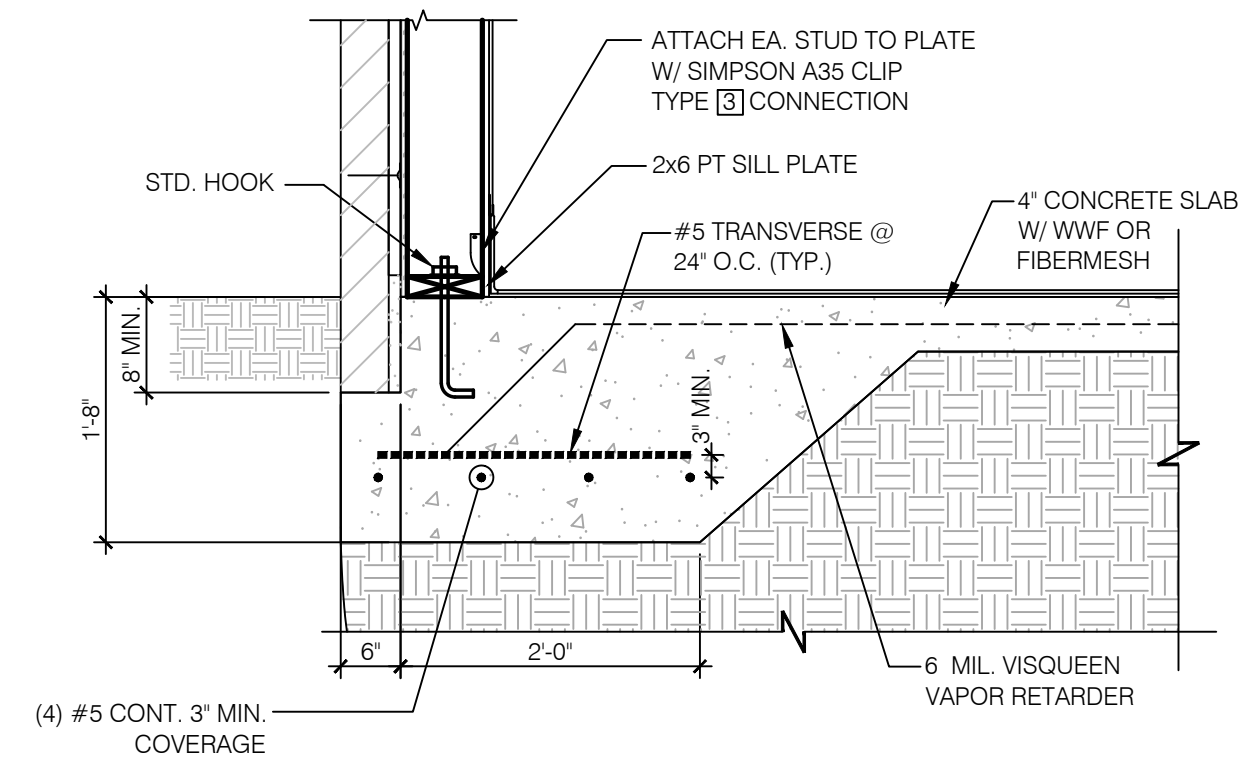
SHEARWALL HOLDDOWN 3/4" = 1'-0" **6**



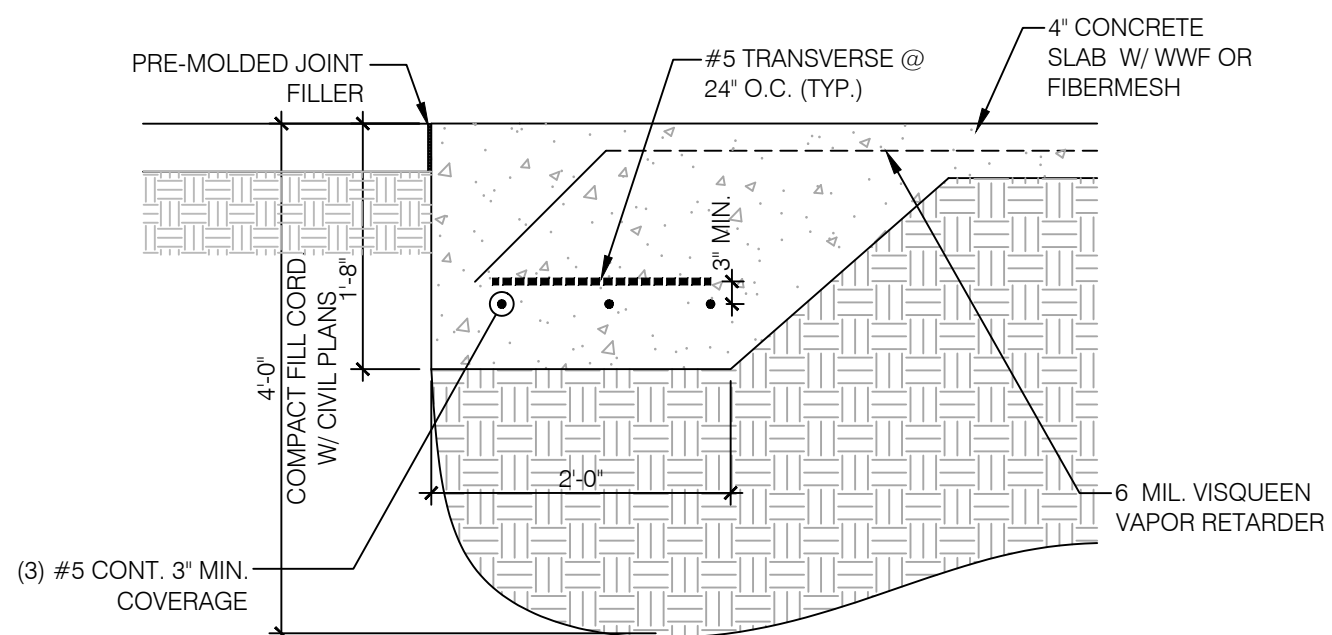
ANCHOR BOLT SCHEDULE N.T.S. **7**



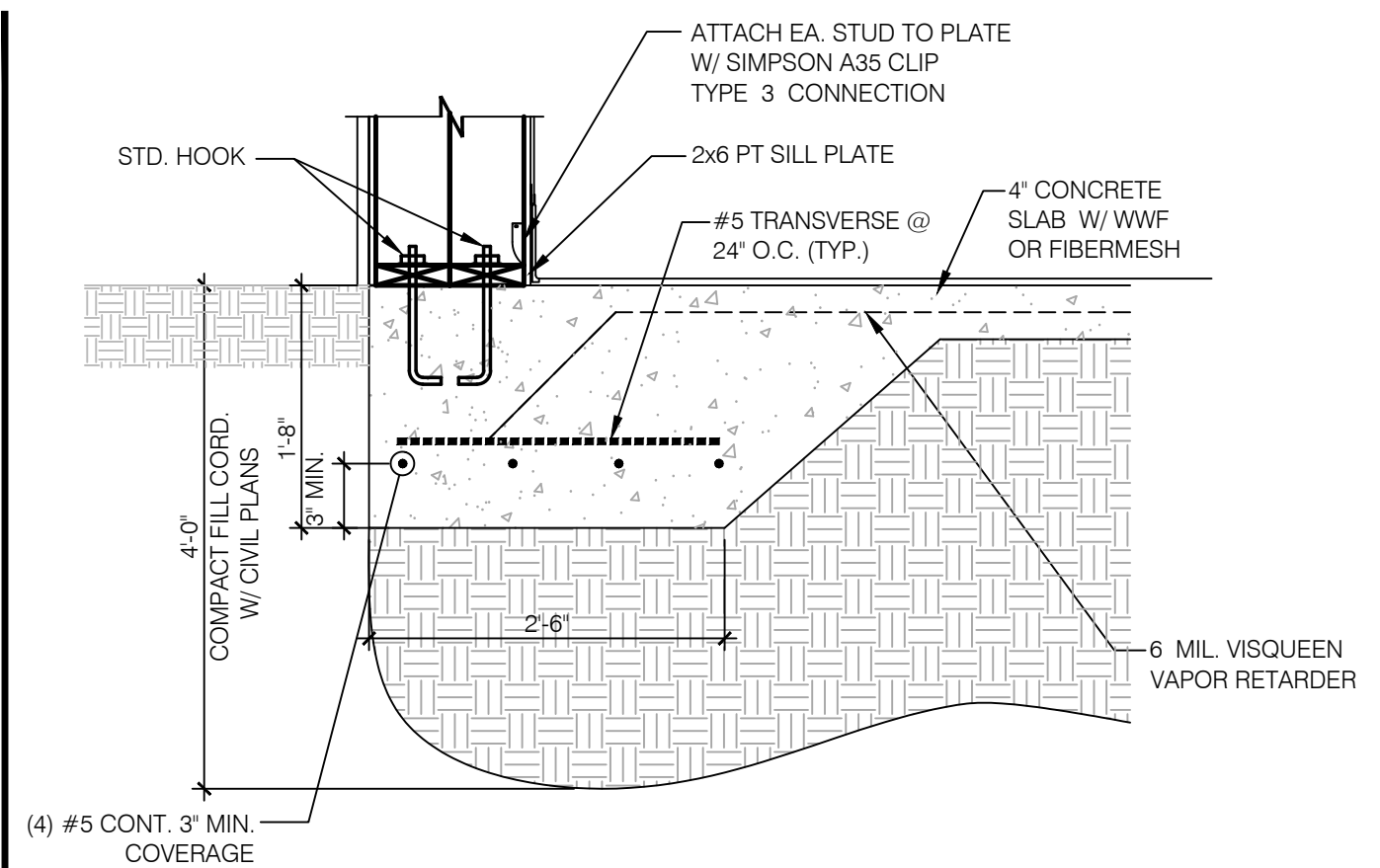
ANCHOR DOWN N.T.S. **8**



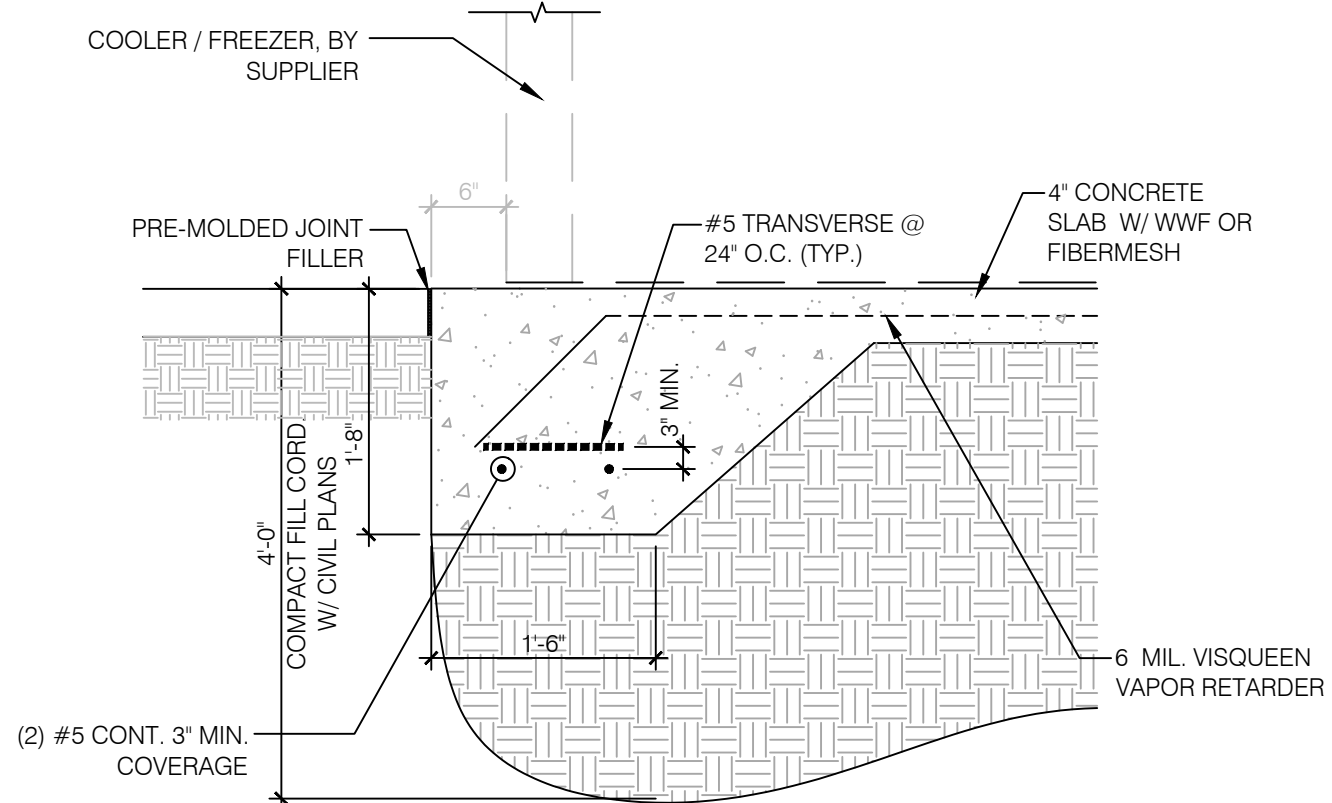
NEW FOOTING 3/4" = 1'-0" **1**



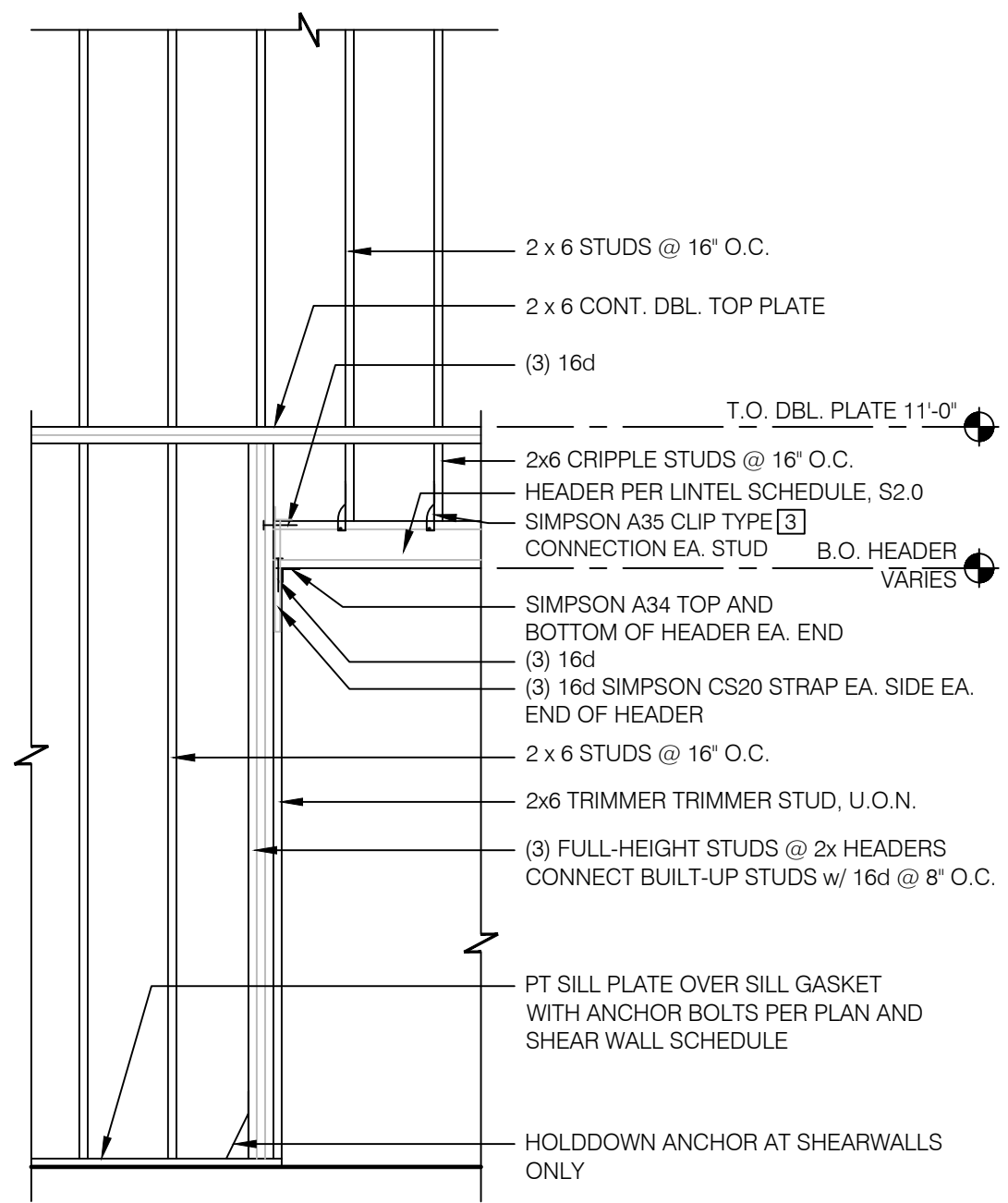
NEW FOOTING @ DOOR 3/4" = 1'-0" **2**



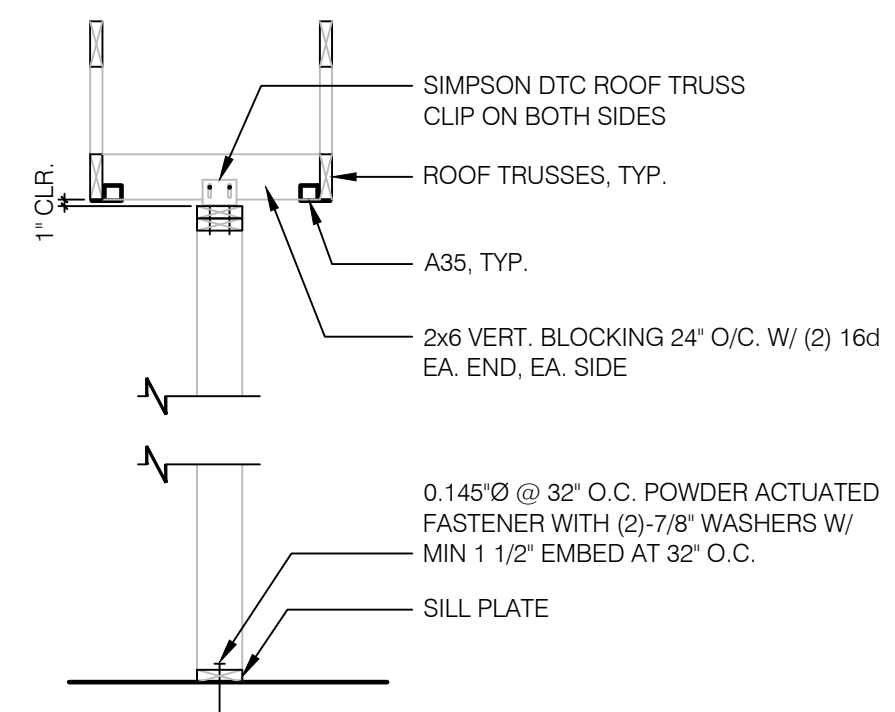
NEW FOOTING @ FRONT WALL SIGN 3/4" = 1'-0" **3**



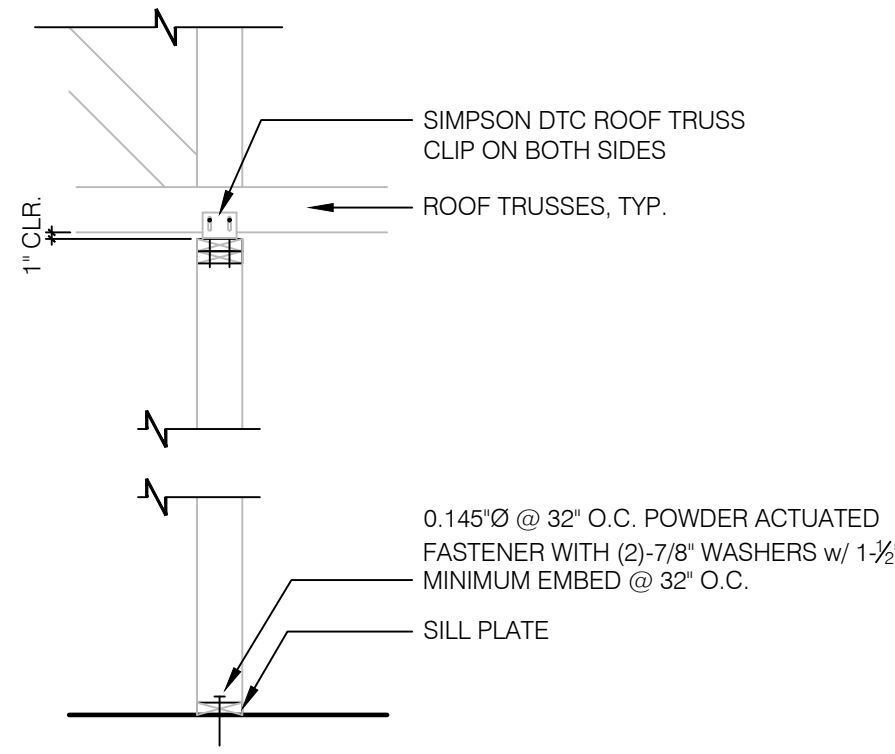
FOOTING @ COOLER / FREEZER 3/4" = 1'-0" **4**



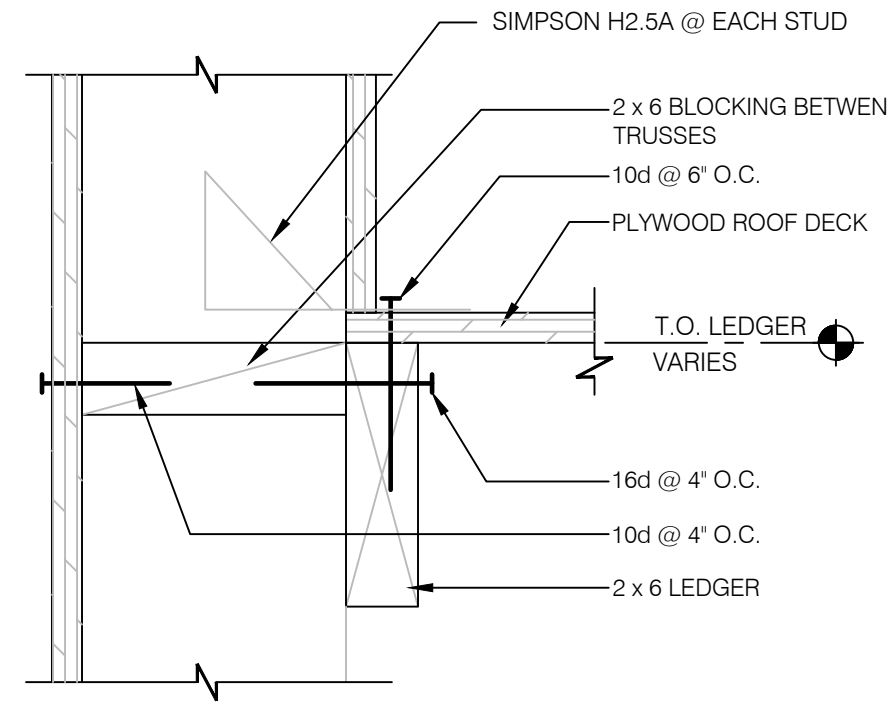
FRAMING ELEVATION @ OPENING 3/8" = 1'-0" **18**



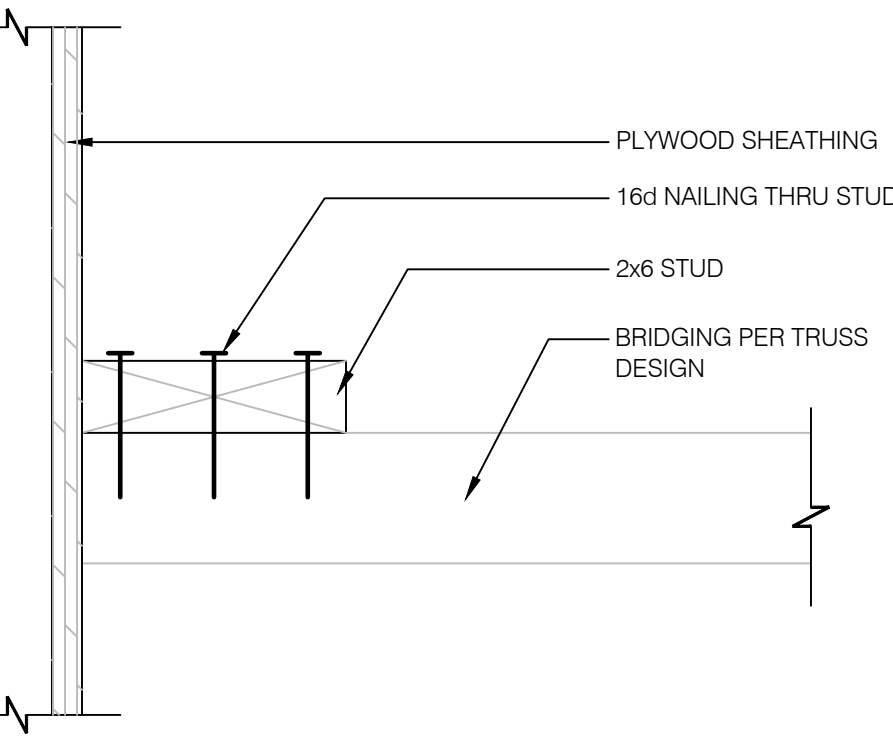
SUPPORT- PARALLEL TO TRUSS 1/2" = 1'-0" **13**



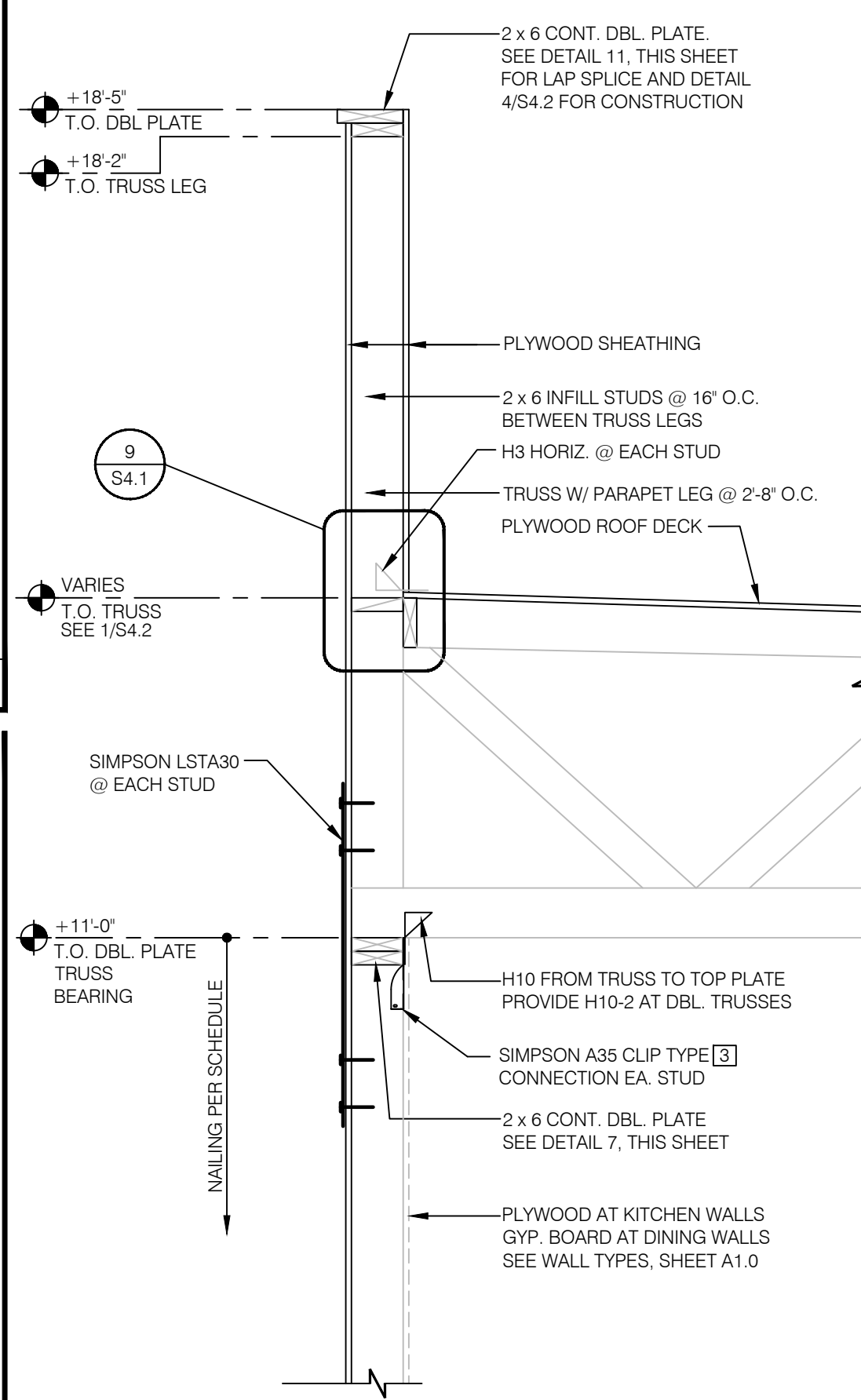
SUPPORT PERP. TO TRUSS 1/2" = 1'-0" **14**



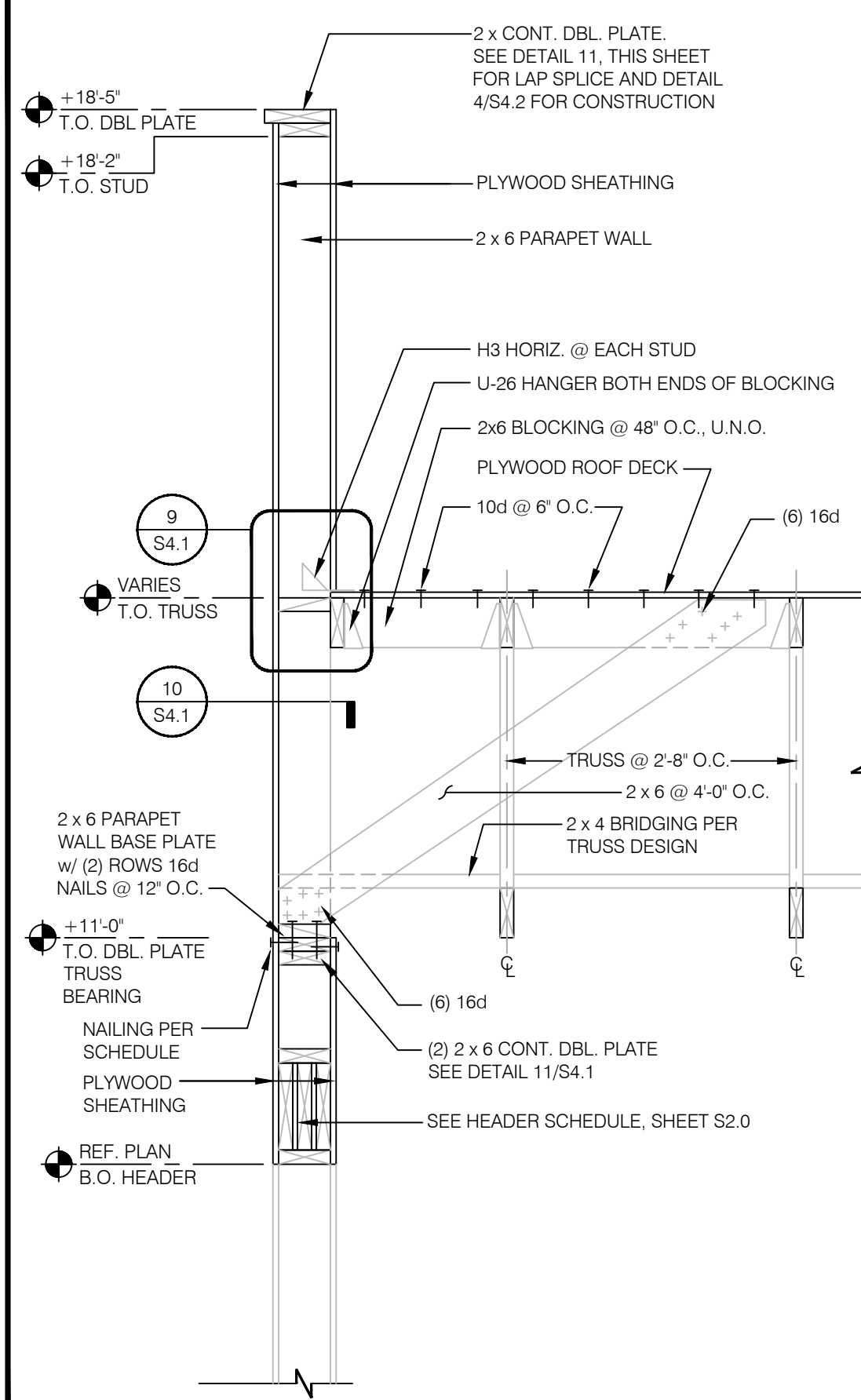
LEDGER DETAIL 3" = 1'-0" **9**



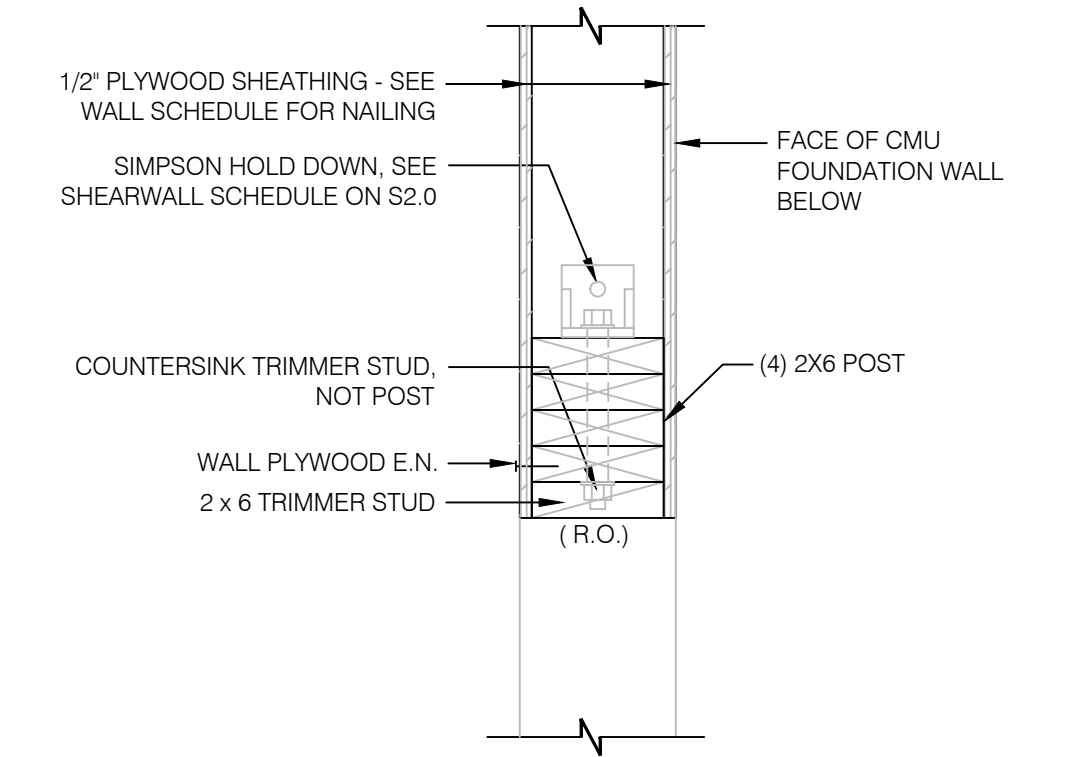
BRIDGING DETAIL 3" = 1'-0" **10**



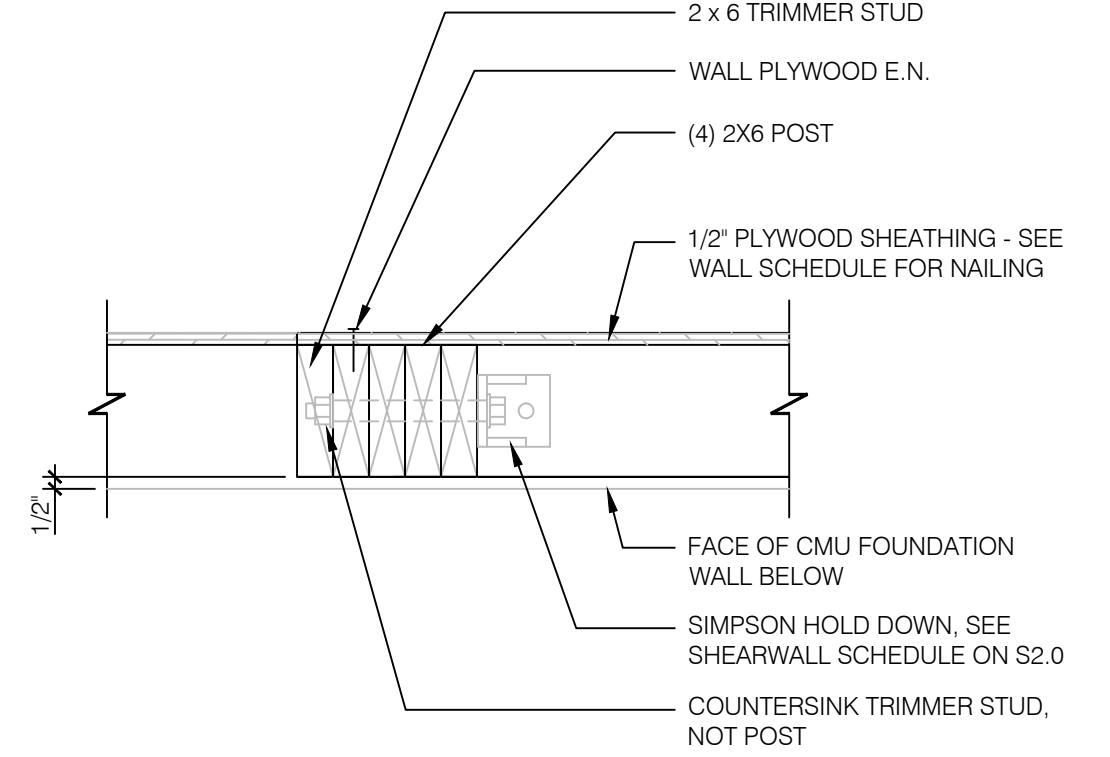
SIDE WALLS @ TRUSS 3/4" = 1'-0" **6**



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**

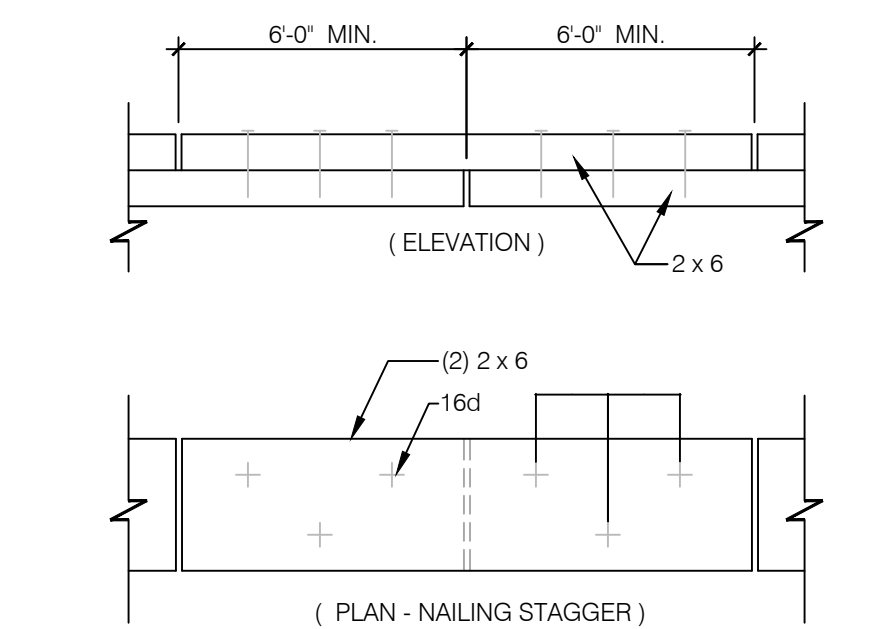
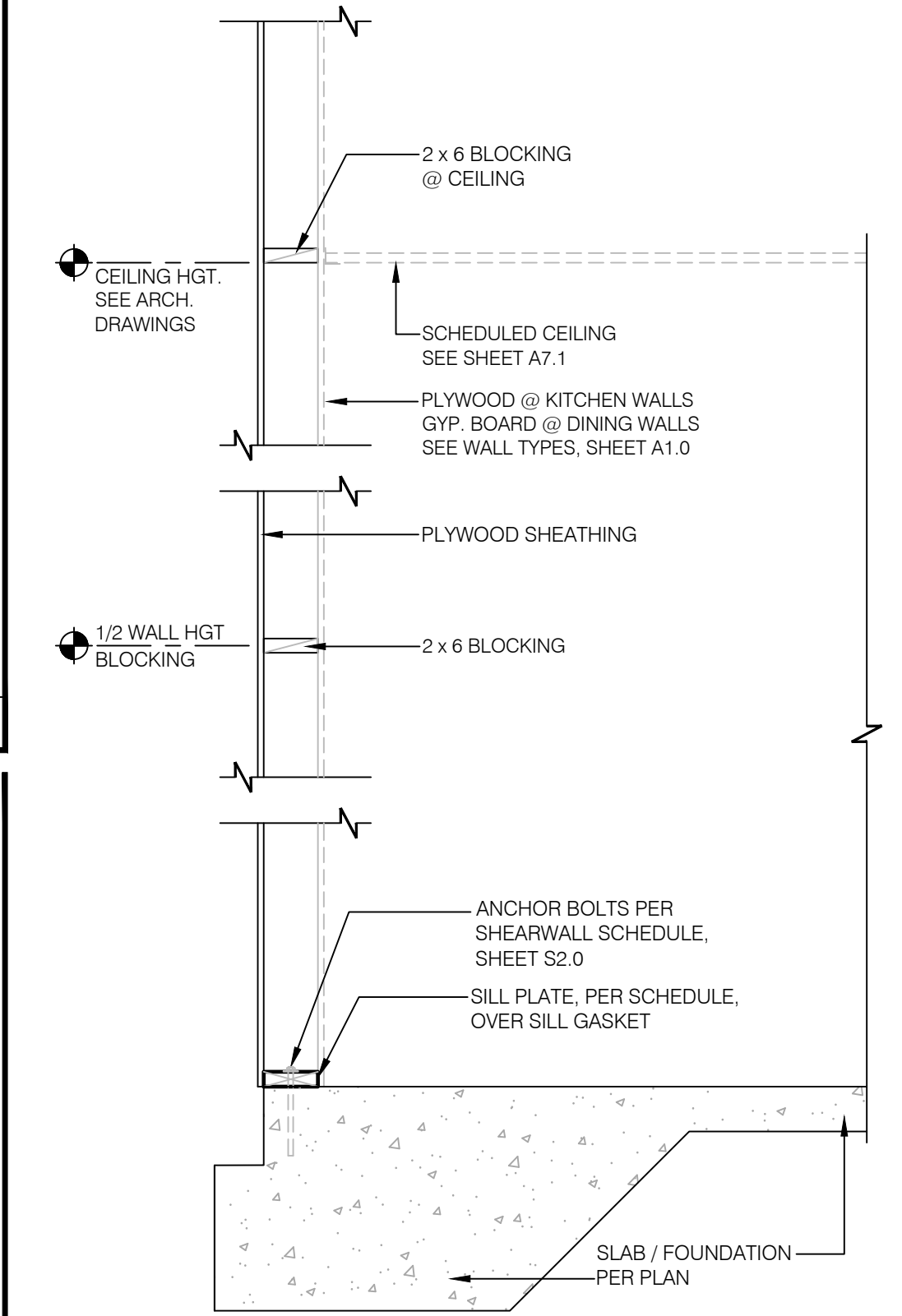
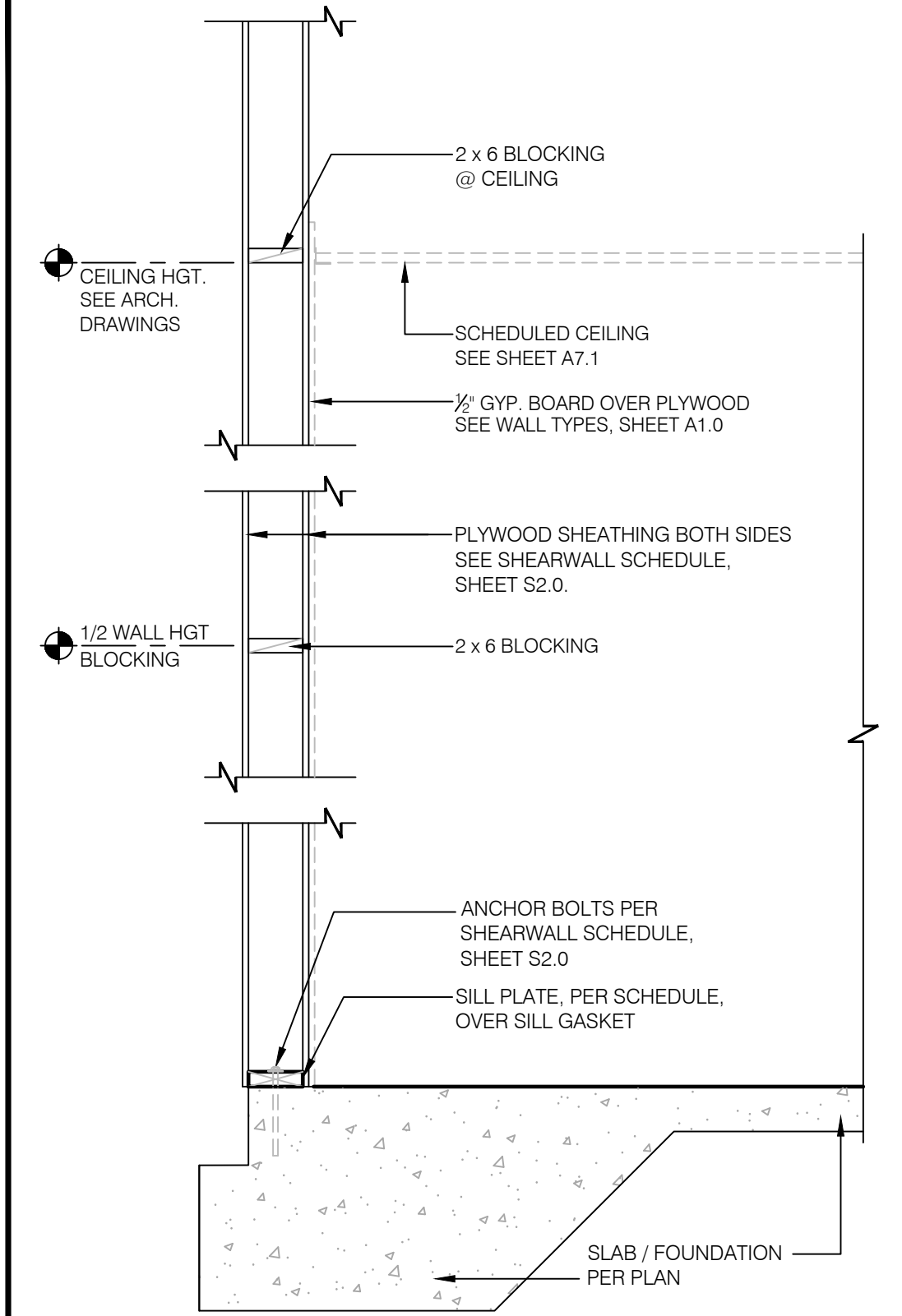


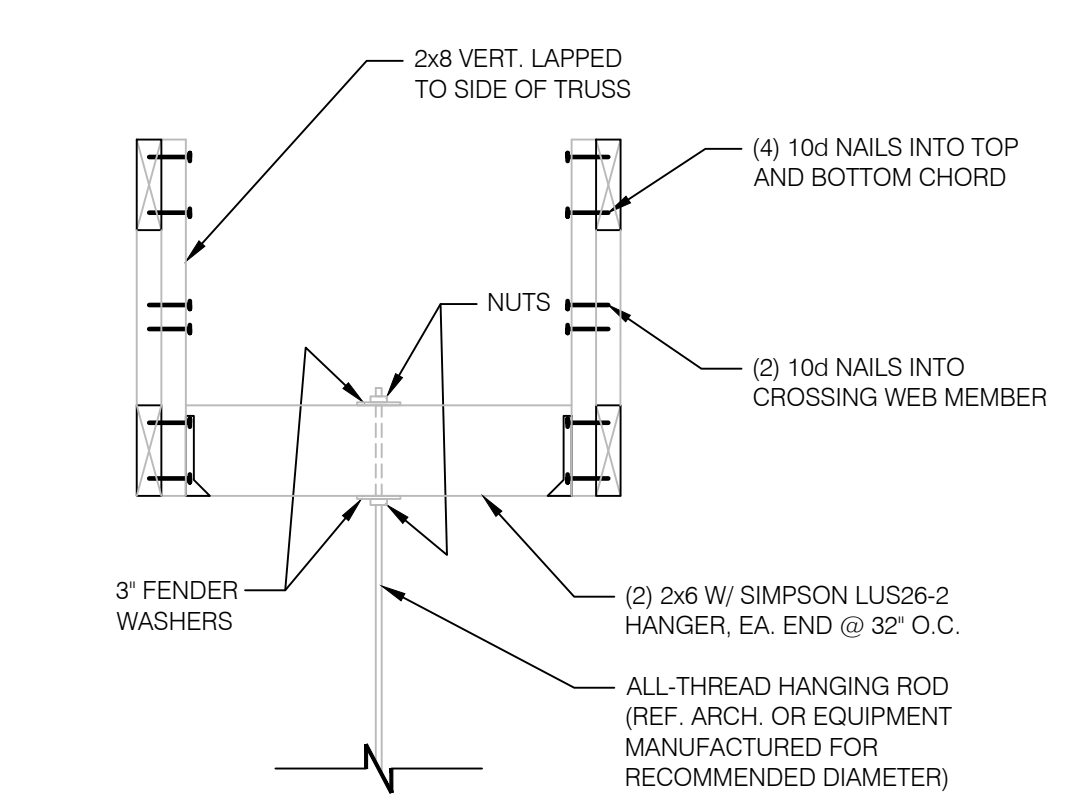
PLATE LAP DETAIL N.T.S. **11**



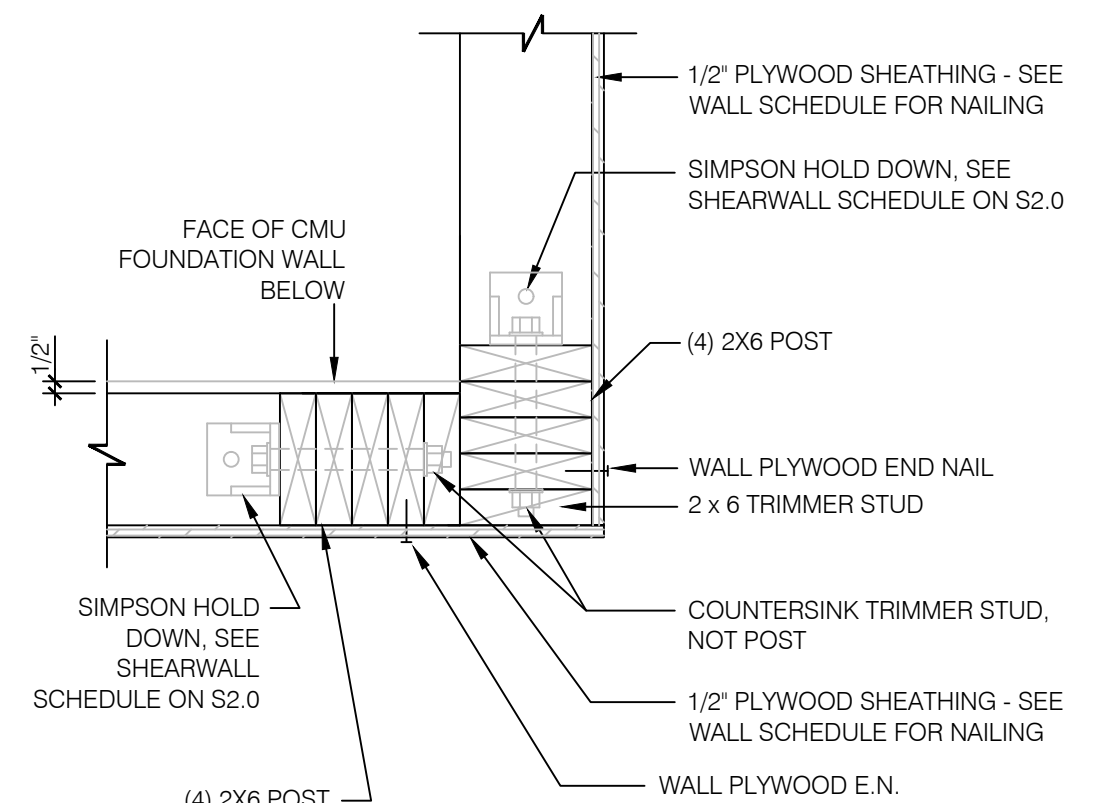
SIDE + REAR WALLS FRAMING 3/4" = 1'-0" **8**



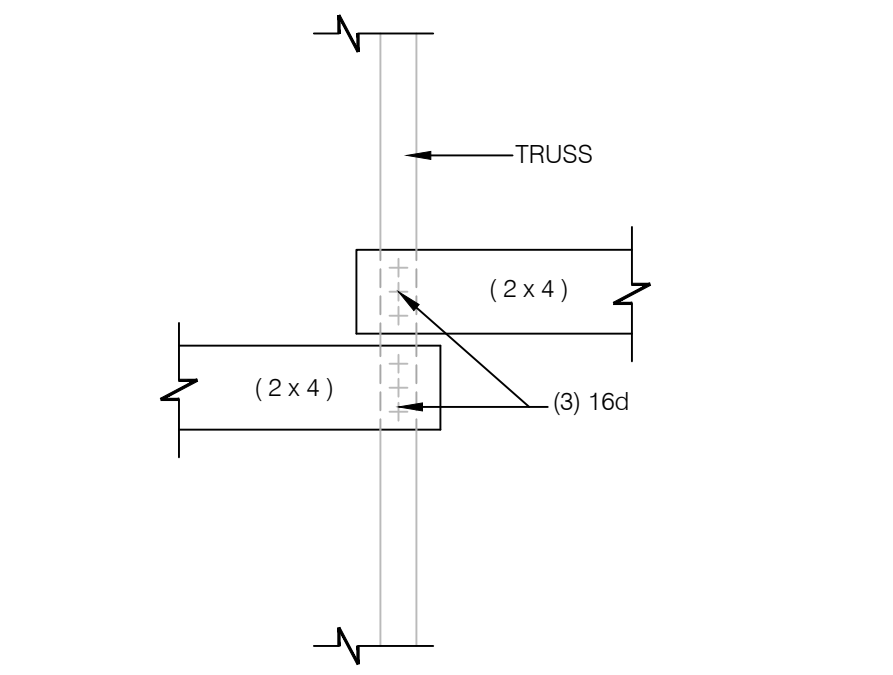
FRONT WALL FRAMING 3/4" = 1'-0" **4**



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



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



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

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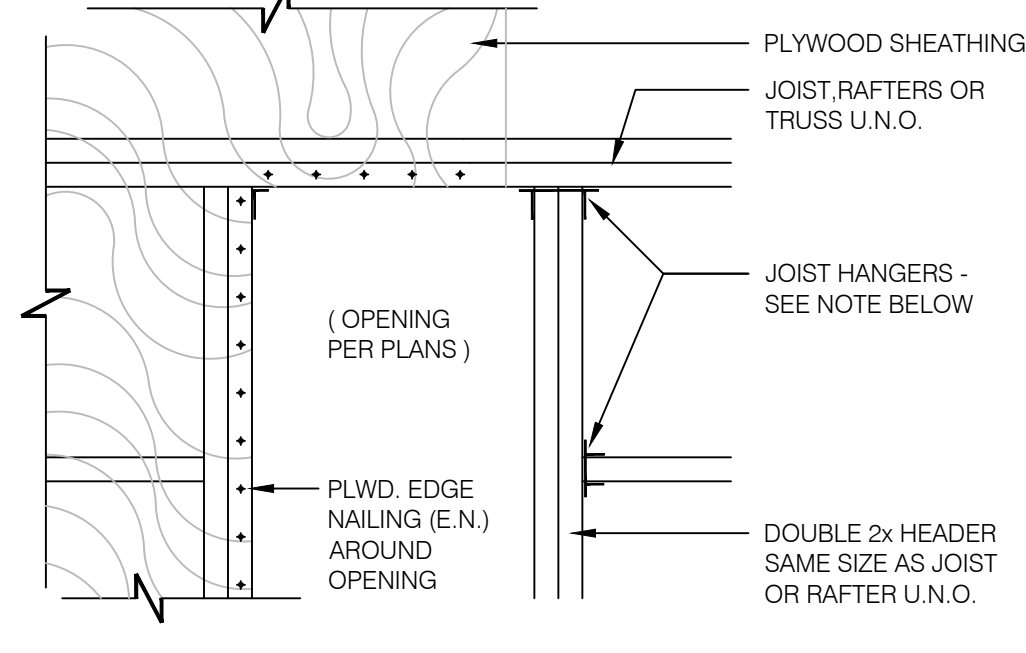


Kb 30-19

**STRUCTURAL
DETAILS
(FRAMING)**

S5.1

PLOT DATE: --/--2020



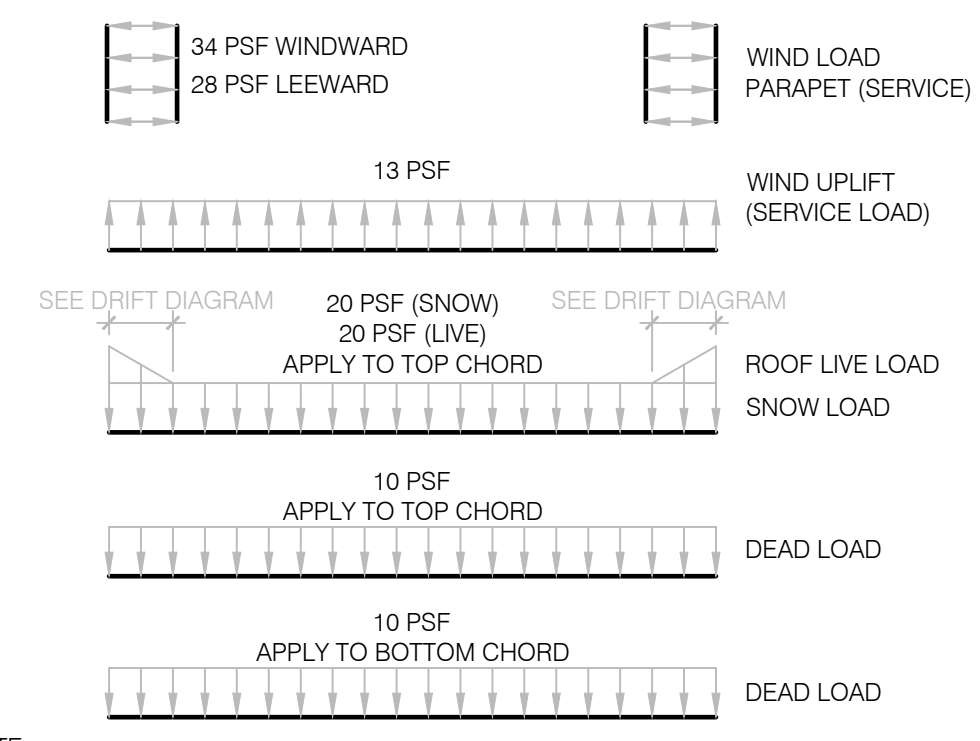
NOTE: HANGERS SHALL BE "SIMPSON" STANDARD "U" @ ROOF. DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS FOLLOWS:
 1. 10" OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED
 2. MORE THAN 10" - (2)16d @ 12" O.C.

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:
- 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.
 - HOLDDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
 - PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
 - 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**



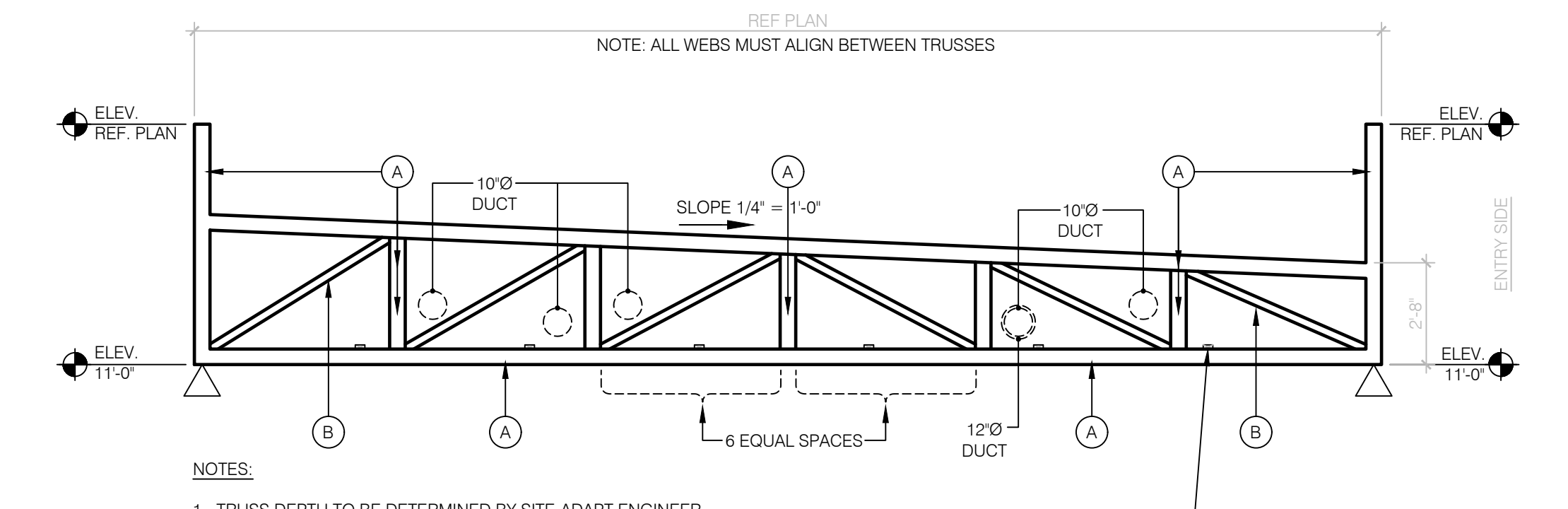
NOTE: ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.

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

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**

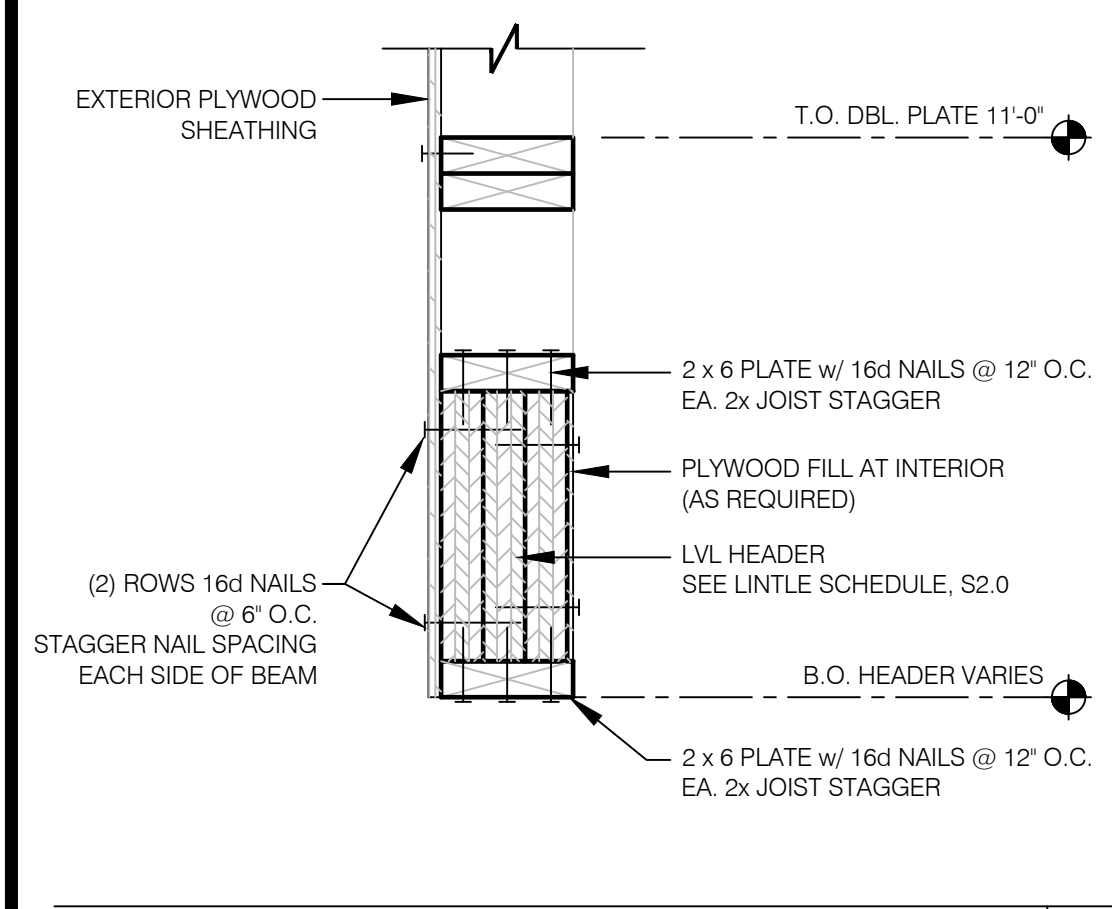


NOTES:
 1. TRUSS DEPTH TO BE DETERMINED BY SITE-ADAPT ENGINEER OF RECORD.
 2. REFER TO SHEET M2.0 FOR COORDINATION OF SUPPLY AIR DUCTS WITHIN FRONT OF HOUSE TRUSS WEB SPACE.

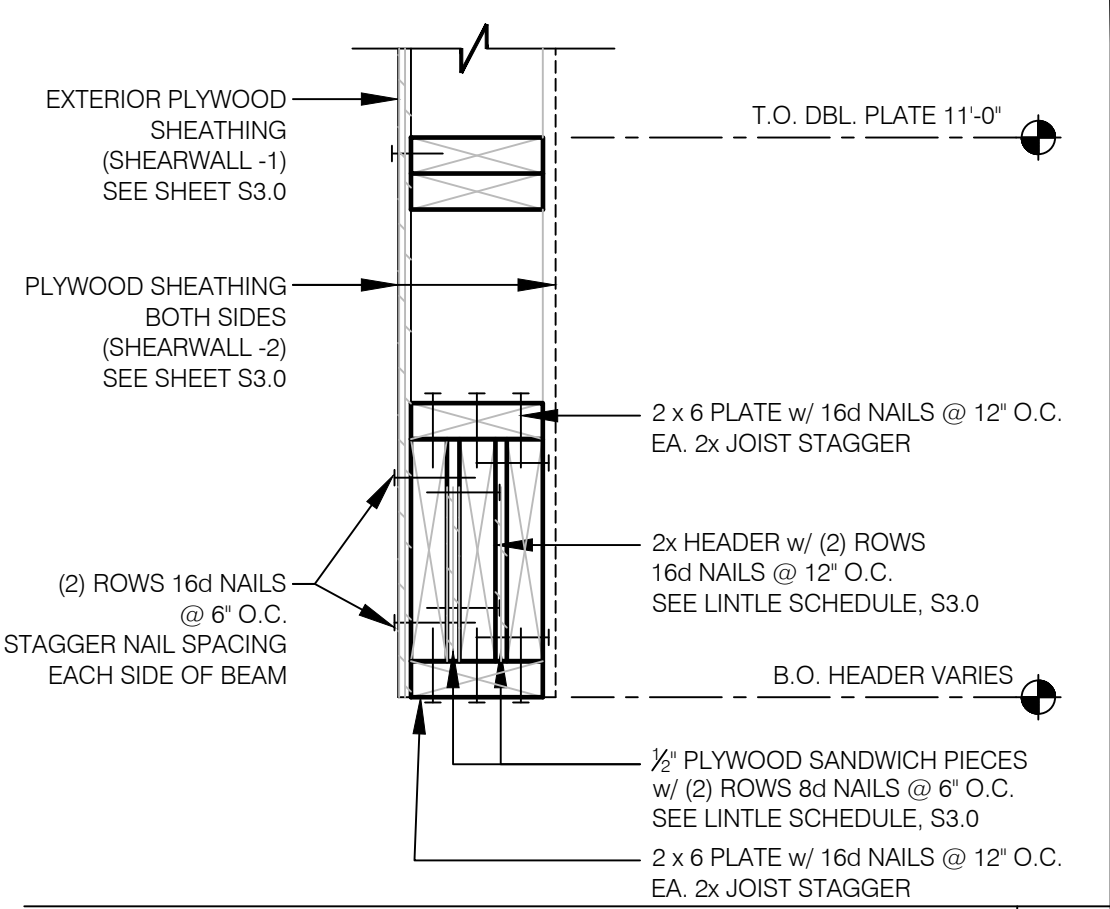
CONT 2x4 LATERAL BRACING AT 5'-0" O.C. MIN. OR PER TRUSS DESIGN Laid FLAT & NAILED TO TOP OF BOTTOM CHORD. APPLY MOST STRINGENT STANDARD.

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

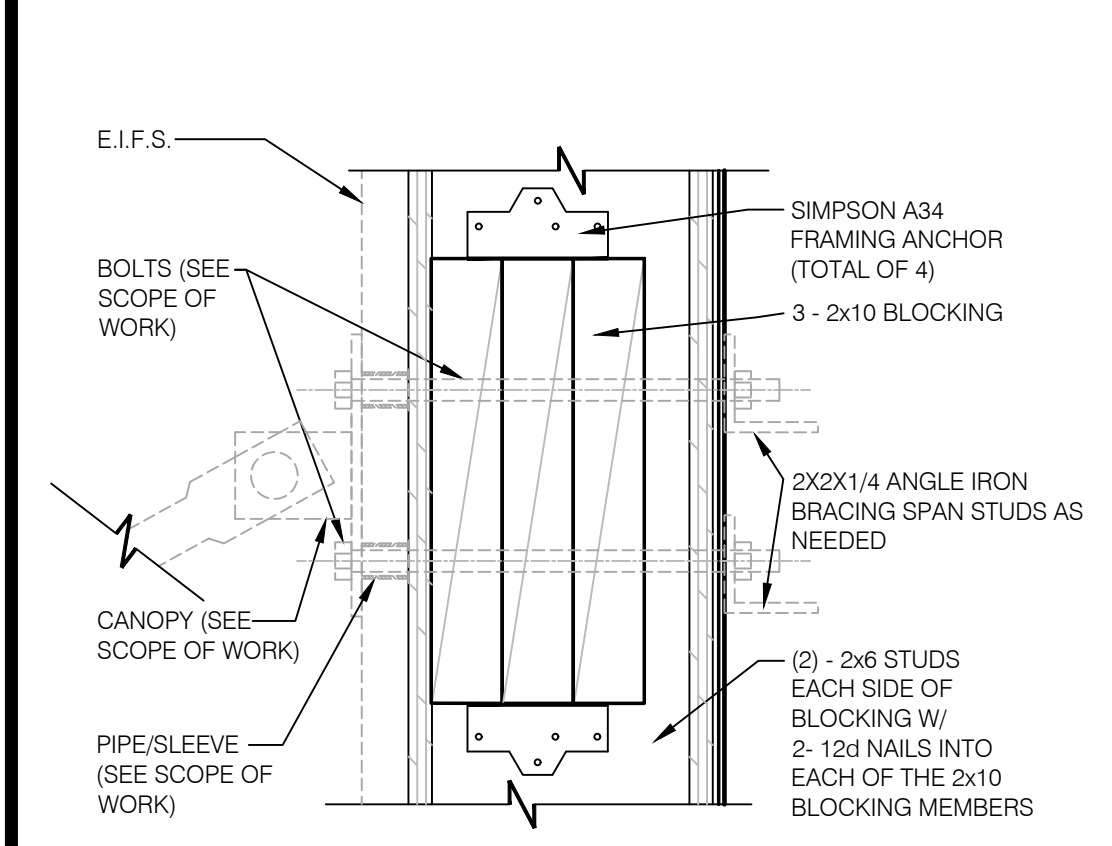
TRUSS ELEVATION 1/4" = 1'-0" **1**



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



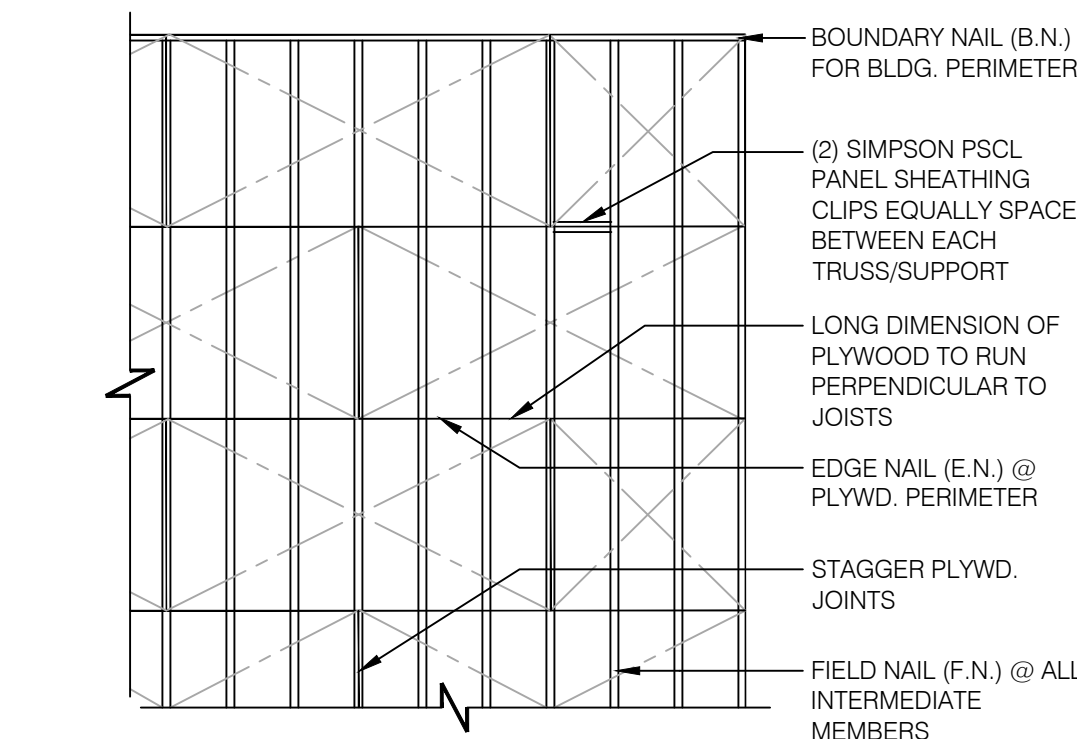
TYP. BUILT-UP HEADER 1 1/2" = 1'-0" **14**



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

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**

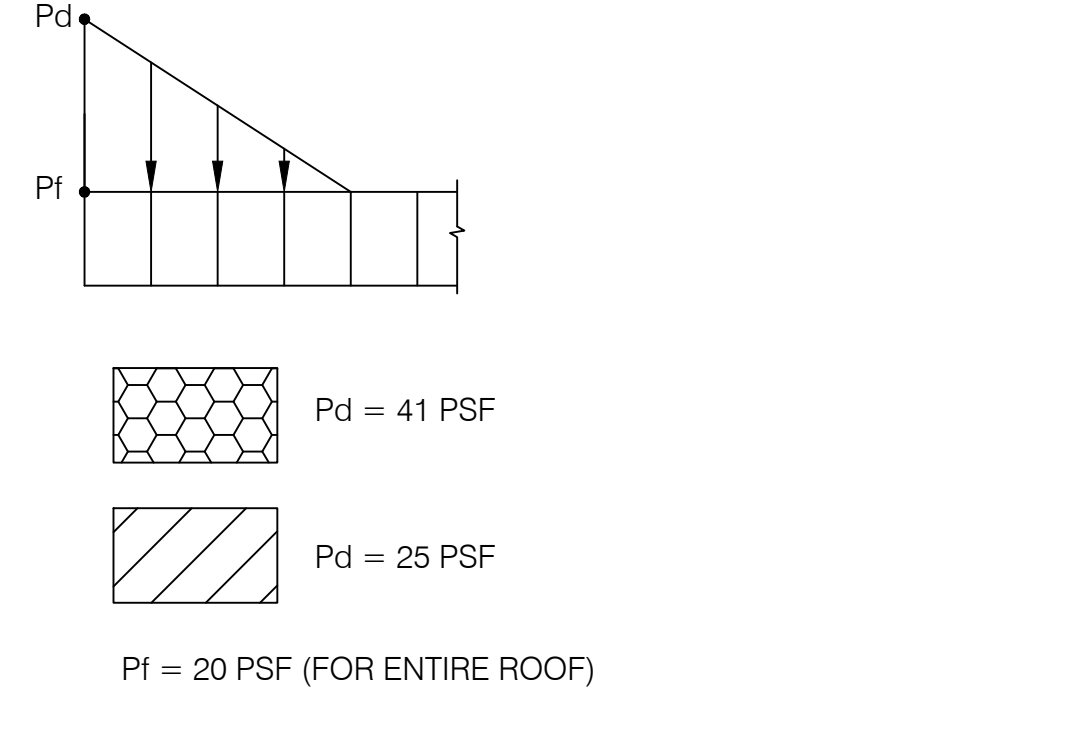


NOTES:
 1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
 2. MIN. 3/8" NAILING EDGE DISTANCE.
 3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

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

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

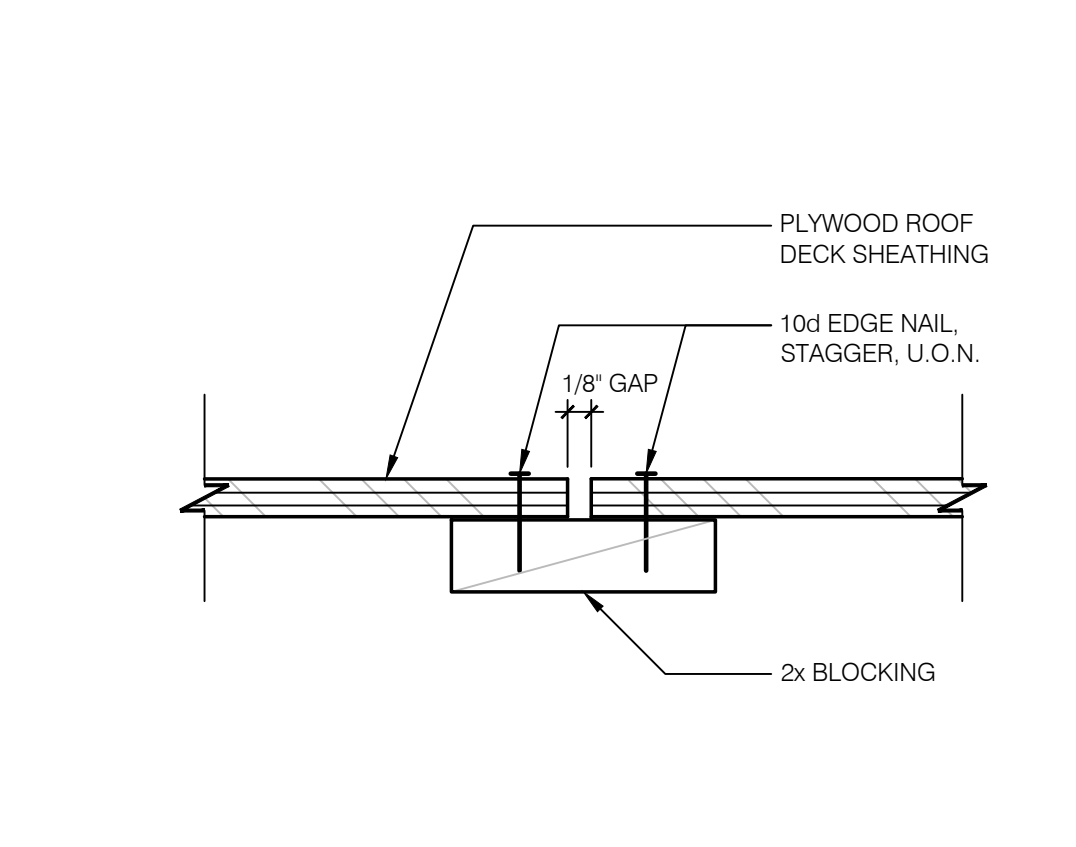
NOT USED **20**



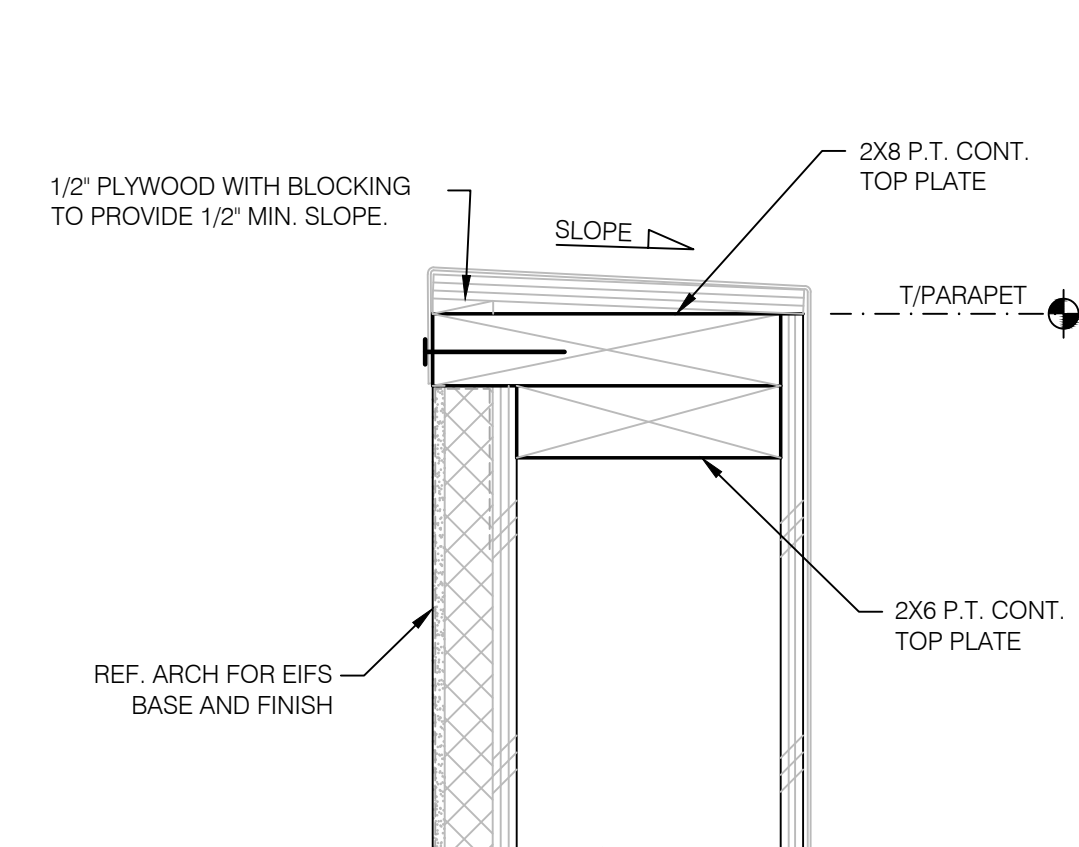
SNOW DRIFT LOADING N.T.S. **3**

NOT USED **20**

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:

A/4/29/2020	BLDG DEPT COMMENTS
A/3/08/2022	OWNER CHANGES
△	
△	
△	
△	
△	
△	
△	

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

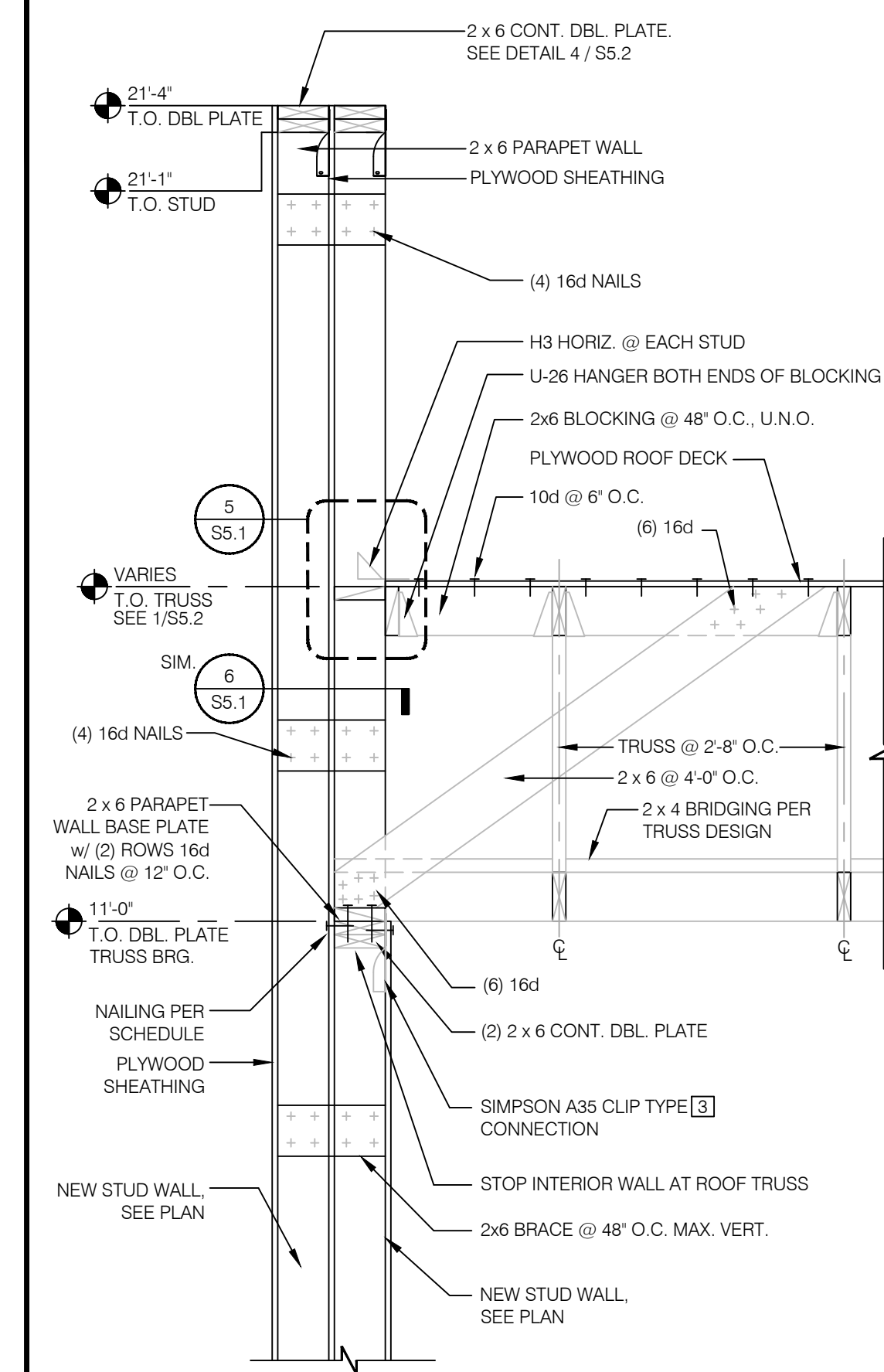
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 Ocala, FL

Kb 30-19

STRUCTURAL DETAILS (ROOF)

S5.2

PLOT DATE: --/--/2020



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

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PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
△	
△	
△	
△	
△	
△	

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

**STRUCTURAL
DETAILS
(FRAMING)**

S5.3

PLOT DATE: -/-/2020

NOT USED NTS **14**

NOT USED NTS **6**

NOT USED NTS **20**

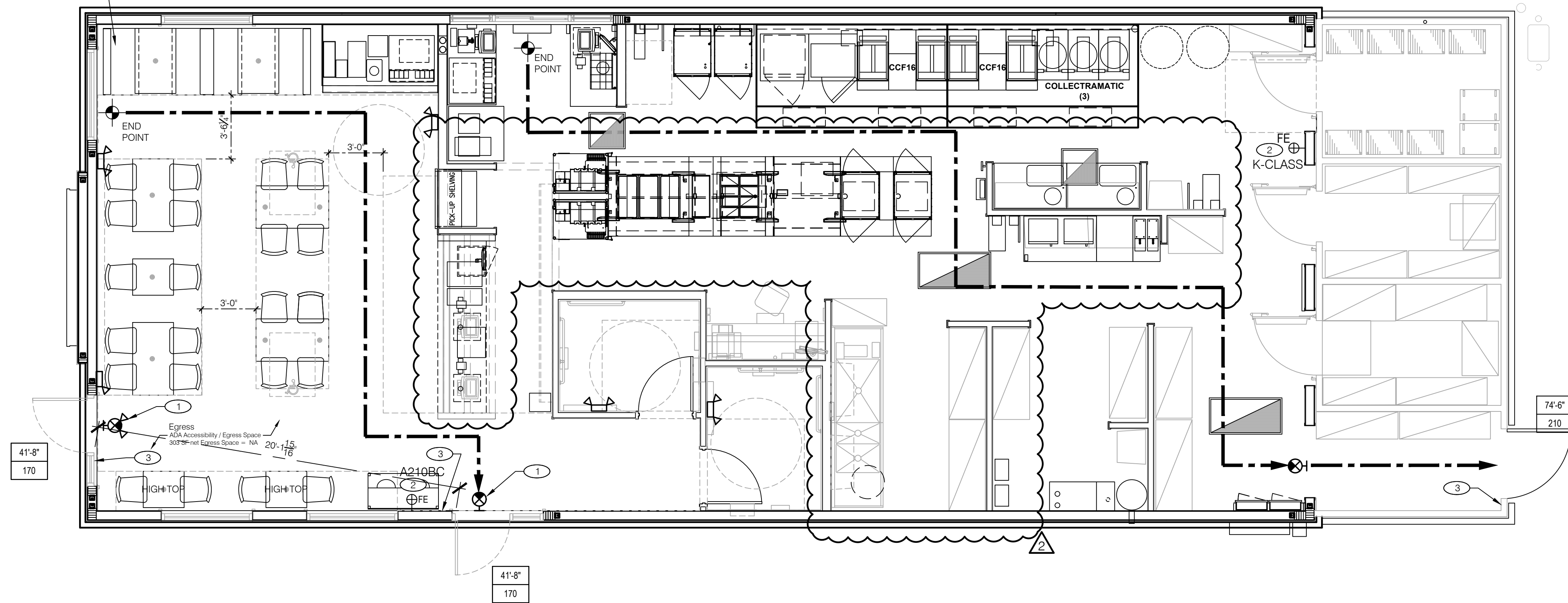
NOT USED NTS **16**

NOT USED NTS **12**

NOT USED NTS **8**

NOT USED NTS **4**

4 DINING
 Fixed Booths 64 SF NET (6 BOOTHS @ 44' EA.)
 1 PERSON 24" OF BOOTH = 2 Occupants EA.



SYMBOL	DESCRIPTION
	EXIT LIGHT
	MAXIMUM EGRESS PATH
	FIRE EXTINGUISHER WALL MOUNTED (F.E.) RE: NFPA
	MOST REMOTE POINT
	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.

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

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

MEANS OF EGRESS (FBC TABLE 1504.1.2)

- EGRESS WIDTH PER OCCUPANT - UN-SPRINKLED (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)	MIN NUMBER OF EXITS	# PROVIDED
OCCUPANT LOAD	2	2
1-500	2	2

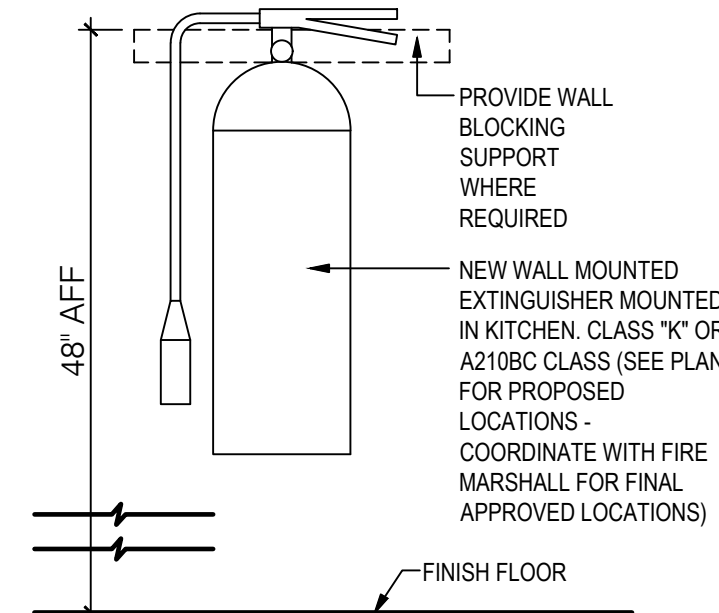
FIRE RESISTANCE (FBC TABLE 703)

- 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

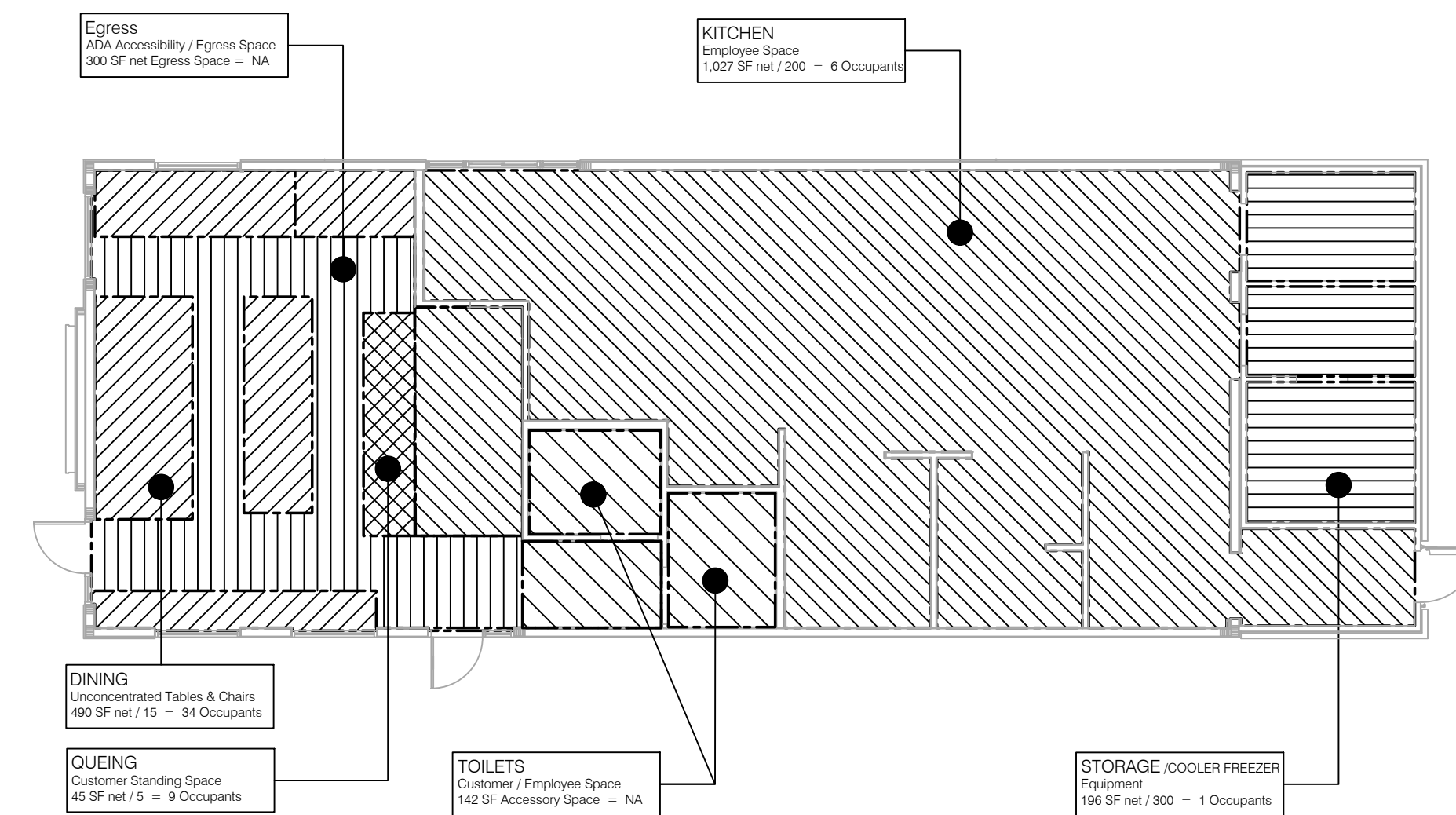
PLUMBING, MINIMUM FACILITIES (FBC-PLUMBING, TABLE 403.1)

OCCUPANCY	WATER CLOSETS	REQUIRED MALE	REQUIRED FEMALE	PROVIDED
RESTAURANT W/ 40 OCCUPANTS	1 PER 75	1	1	2
	LAVATORIES	1	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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PLAN SET REVISIONS:

- 4/29/2020 BLDG DEPT COMMENTS
- 3/08/2022 OWNER CHANGES

CONTRACT DATE: ...-2019
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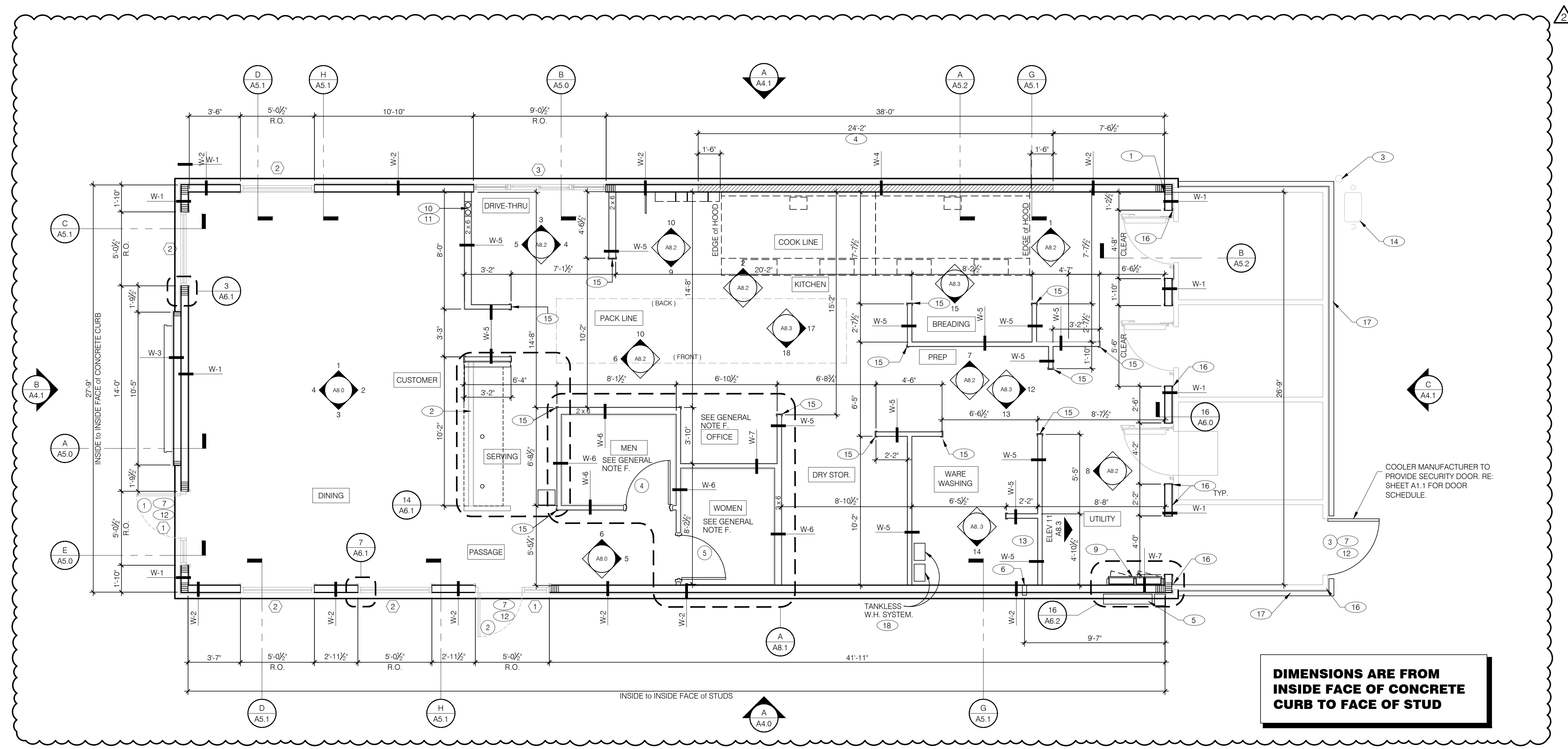
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LIFE SAFETY PLAN

LS1.0

PLOT DATE: --/--2020



DIMENSIONS ARE FROM INSIDE FACE OF CONCRETE CURB TO FACE OF STUD

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 TO 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/ 1/2" EXTERIOR PLYWOOD SHEATHING ON EXTERIOR SIDE
 1/2" 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.
 5505162-43 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.
 1/2" 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.

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. REQ'D. 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 MFRS. APPROVED METHOD.
 E. COORDINATE FRAMING ABOVE CEILING WITH HVAC DUCT WORK.
 F. SEE SHEET A8.1 FOR ENLARGED RESTROOM AND OFFICE PLAN.

- 1 STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT OF ORIGIN FOR LAY-OUT (INSIDE CORNER OF CONCRETE CURB).
- 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

WALL TYPES E

FLOOR PLAN NOTES D

KEY NOTES B

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HAROLD DANIEL HUTTER III
 FL REG. AR89913

PLAN SET REVISIONS:

NO.	DATE	REVISION
4	4/29/2020	BLDG DEPT COMMENTS
3	08/2022	OWNER CHANGES

CONTRACT DATE: 11/2019
 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



FLOOR PLAN

A1.0

PLOT DATE: --/--2020

GENERAL NOTES:

- 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
- REFER TO SELECTED MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR THE INSULATION OF WINDOWS AND DOORS.
- VERIFY ANY SITE-SPECIFIC REQUIREMENTS FOR TEMPERED GLASS (PER LOCAL CODE).
- 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) 1/2" TEMPERED GLASS; TYPE GL-2. SEE GENERAL NOTE 3, THIS SHEET.
- (D) LOW-E COATING. SEE GENERAL NOTE 1, THIS SHEET.

NOT USED

10

GLAZING TYPES

7

GENERAL NOTES:

- 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.
- SEE SCHEDULE FOR GLASS TYPES.
- REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
- ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C. U.O.N.
- ALL STOREFRONT AND DRIVE-THRU WINDOW FRAMES SHALL BE CLEAR ANODIZED (SILVER). DRIVE THRU WINDOW <B-120> SHALL BE CLEAR ANODIZED.
- ALL HARDWARE SHALL BE US32D U.O.N.
- 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:

- LAMINATE ON DOORS 5, 6 and 7; PAINT FRAMES 5, 6 and 7. REFER TO FINISH SCHEDULE, SHEET A7.2.
- ALL HM FRAMES SHALL BE 16 GA STEEL U.O.N.
- 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 KEYPED ALIKE.
- PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
- MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
- COMPLETE DOOR, FRAME AND HARDWARE PACKAGE SHALL BE ORDERED THRU LOCKNET SECURITY DOORS, PART #DU3670LS2VED; 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.
- STOREFRONT ENTRY DOORS: PROVIDE PUSH / PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE DOR-O-MATIC 2092 RM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL. FLUSH BOLT ON INACTIVE LEAF, DEAD BOLT ON ACTIVE LEAF.
- MOUNT KICK PLATE ON PUSH SIDE ONLY.
- MAXIMUM DOOR OPERATING PRESSURE: 5 LBS INTERIOR / 8.5 LBS EXTERIOR, MEASURED AT 90 DEGREES TO THE DOOR AT THE STRIKE EDGE.
- ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION: (1) MEN, (1) WOMEN.
- RESTROOM SIGN IF REQUIRED; VERIFY per LOCAL REQUIREMENTS.
- SECURITY DOOR & INTERIOR DOOR FRAMES SHALL BE PAINTED. REFER TO COLOR LEGEND, SHEET A4.0.
- ALUMINUM DOORS, HARDWARE, HINGES, SWEEPS, PUSH / PULL PLATES (VERIFY WITH LOCAL CODE), SHALL BE PROVIDED BY STOREFRONT SYSTEM SUPPLIER / INSTALLER.
- UNDERCUT DOOR 3/4" (TO ALLOW FOR RETURN AIR PASSAGE).
- SEE GENERAL NOTE 7, THIS SHEET.
- BOTTOM RAIL OF STOREFRONT DOORS SHALL BE 10" HIGH / MINIMUM per ADA.

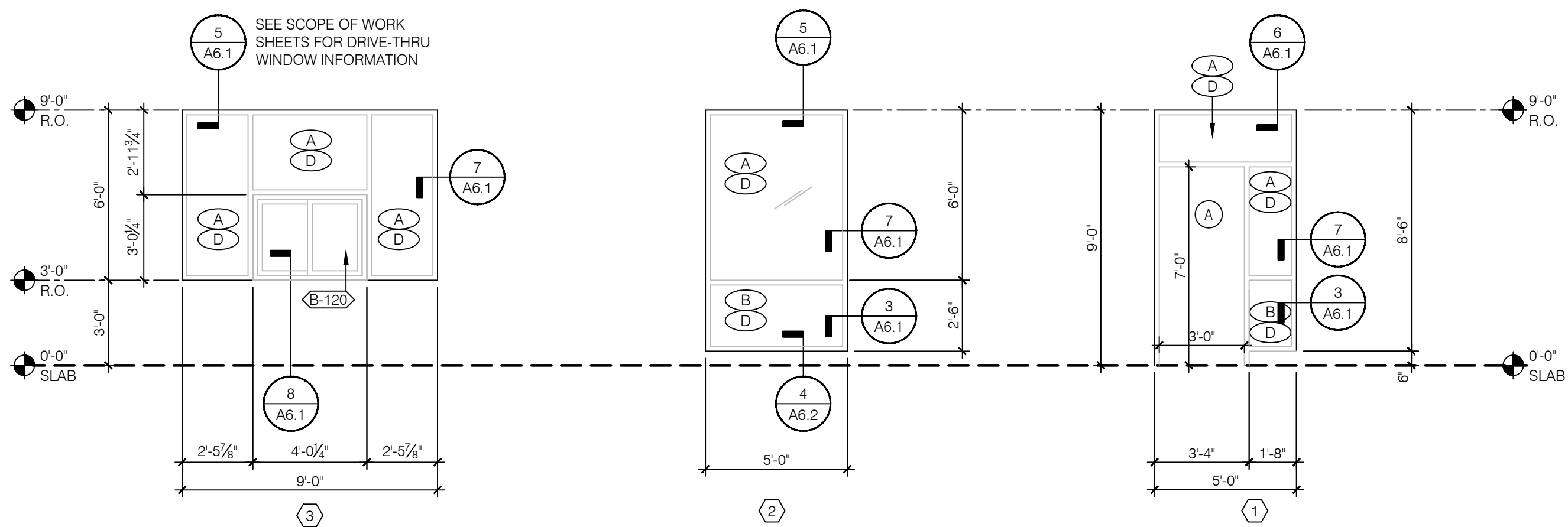
DOOR SCHEDULE NOTES

1

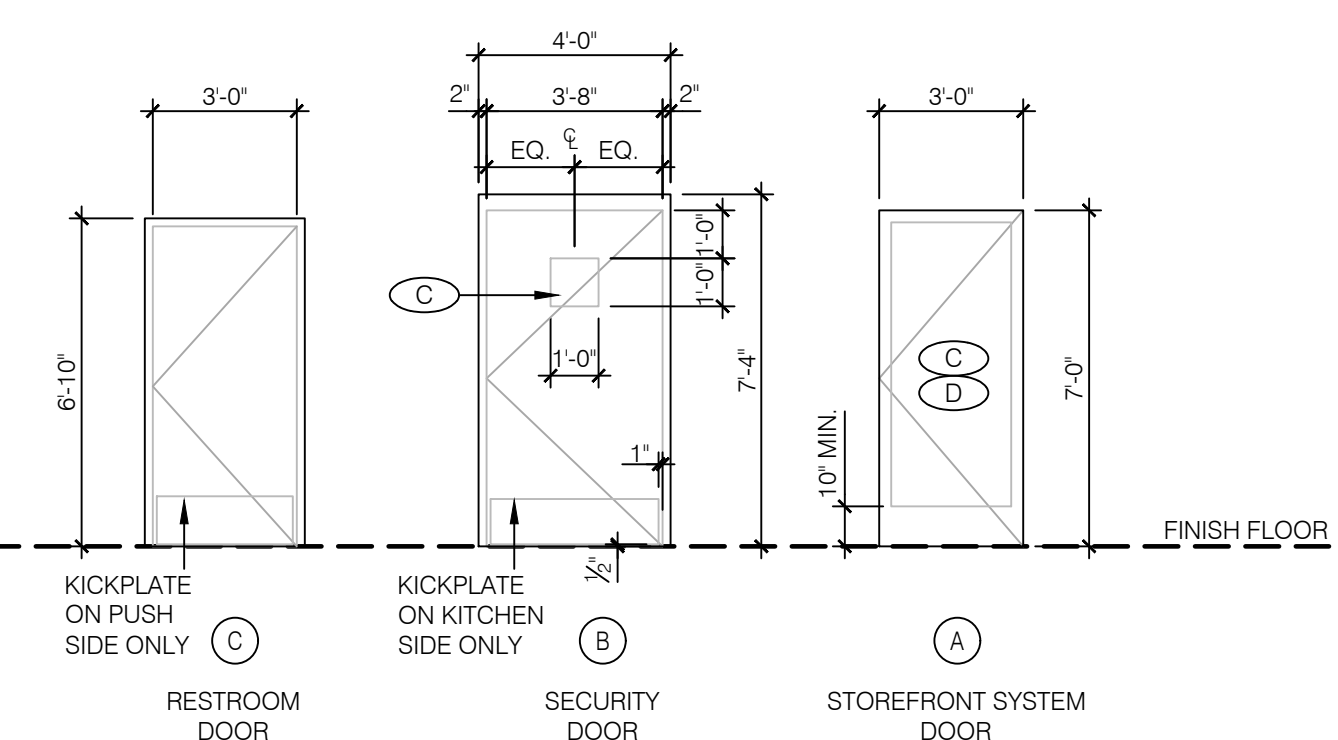
DOOR NO.	DOOR SIZE	TYPE	DOOR	FRAME	BUTTS				LOCKS						CLOSERS			KICKPLATE			THRESHOLD			DOOR STOP			PUSH	PULL	MISCELLANEOUS						DETAIL LOCATIONS			REFERENCE NOTES
					1	2	3	4	1	2	3	4	5	6	1	2	3	1	2	3	1	2	3	1	2	3			4	5	6	HEAD	JAMB	SILL/THRESHOLD				
1	3'-0" x 7'-0" x 1'-3/4"	A	AL	AL	X																																** LESS THAN DOOR WIDTH	
2	3'-0" x 7'-0" x 1'-3/4"	A	AL	AL	X																																	
3	3'-6" x 7'-0" x 1'-3/4"	B	HM	HM		X																																
4	3'-0" x 6'-8" x 1'-3/4"	C	WD	HM	X																																	
5	3'-0" x 6'-8" x 1'-3/4"	C	WD	HM	X																																	

DOOR SCHEDULE

2



WINDOW TYPES 1/4" = 1'-0" 9



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

DOOR TYPES 1/4" = 1'-0" 3

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PLAN SET REVISIONS:
 4/29/2020 BLDG DEPT COMMENTS
 3/08/2022 OWNER CHANGES

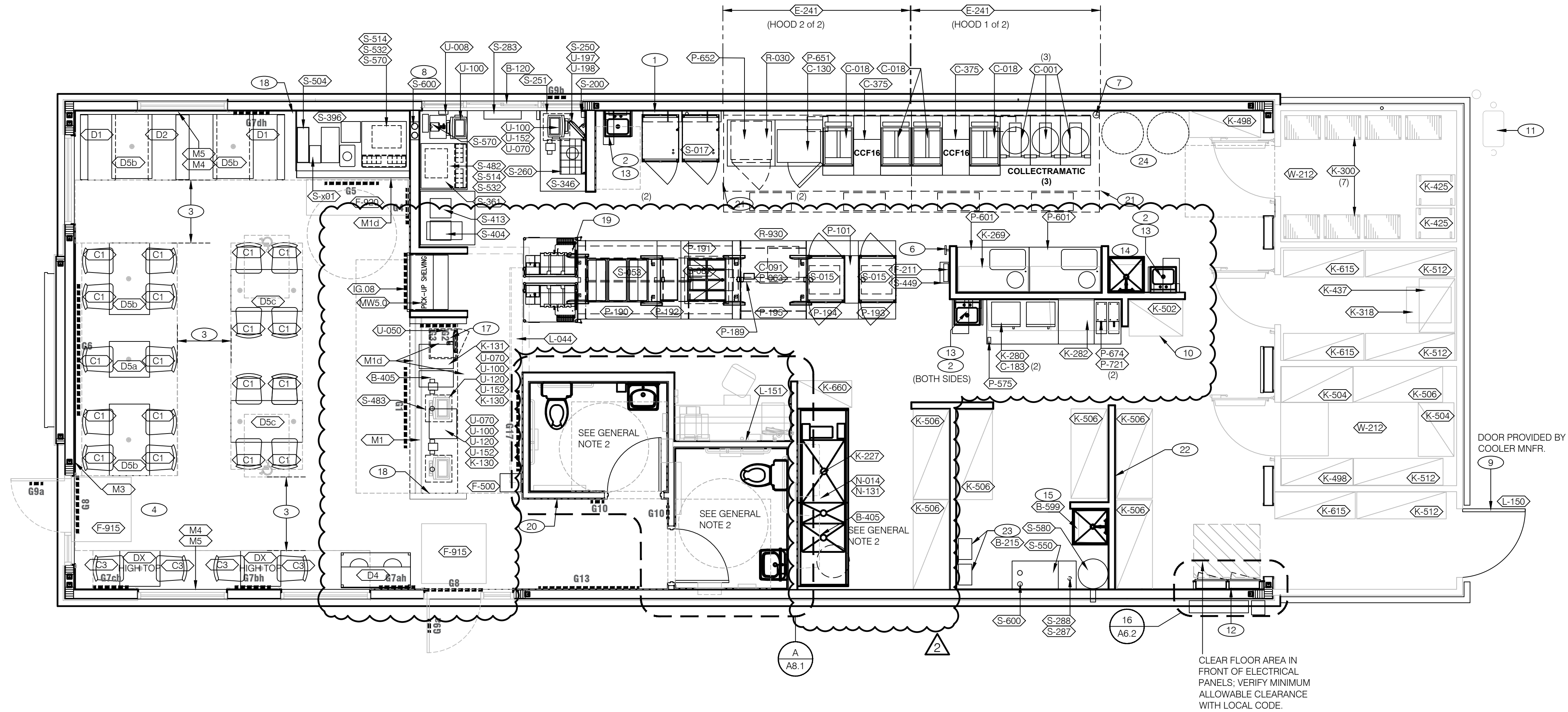
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DOOR and WINDOW ELEVATIONS & SCHEDULE
A1.1

PLOT DATE: --/2020



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

GRAPHICS			
G1	1	*KITCHEN' SIGN	IG.08 1 SKIP THE LINE GRAPHIC
G1a	1	'ORIGINAL RECIPE' COUNTER GRAPHIC	
G2	1	CHALK BOARD 'FRESH FROM THE FARM' SIGN	
G3	1	REAL MEALS GUARANTEE	
G4	1	SECRET PROCESS ART	
G5	1	PEPSI FILLING STATION SIGN	
G6	1	FOCAL WALL ART	
G7	2	ARTWORK HANGING SYSTEM	
G7ah	1	DINNING ROOM ARTWORK - 'SOUTHERN INSPIRED'	
G7bh	1	DINNING ROOM ARTWORK - '4000 STATUES'	
G7ch	1	DINNING ROOM ARTWORK - 'NO 1 CHICKEN SALESMAN'	
G7dh	1	DINNING ROOM ARTWORK - 'SANDERS FOR SENATOR'	
G8	1	'THANKS' MESSAGE	
G9a	1	STORE HOURS - ENTRY DOOR	
G9b	1	STORE HOURS - DT WINDOW	
G9c	1	STORE HOURS - SPEAKER POST	
G10	2	RESTROOM SIGNS	
G13	1	COMMUNITY MESSAGE	
G15a	1	BOH ART - COMMUNICATION BOARD (VERT. & HORIZ.)	
G15b	1	BOH ART - FAMILY PRIDE BOARD	
G15c	1	BOH ART - COLONEL PROUD BOARD	
G15d	1	BOH ART - COLONEL TIE MIRROR	
G15e	1	BOH ART - GREATEST CHICKEN COLLAGE	
G15f	1	BOH ART - SERVICE PROMISE SIGN	

NOT USED **E**

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	
MW5.0	1		PICK UP SHELVING	FCI

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

- GENERAL NOTES** **C**
- REFER TO SCOPE OF WORK FOR RESPONSIBILITIES.
 - SEE SHEET A8.1 FOR ENLARGED RESTROOM AND OFFICE PLAN.
 - (HC) - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.
 - (●) - 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.
 - REFER TO DESIGN REFERENCE MANUAL (PLANS.YUM.COM) FOR FINISHES, DIMENSIONS and DETAILS OF DECOR VENDOR SUPPLIED ITEMS. SEE SEATING PACKAGE LEGEND, THIS SHEET.
 - 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.

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

EQUIPMENT PLAN and SEATING PLAN

A2.0

KEYNOTES **B**

PLOT DATE: --/--/2020

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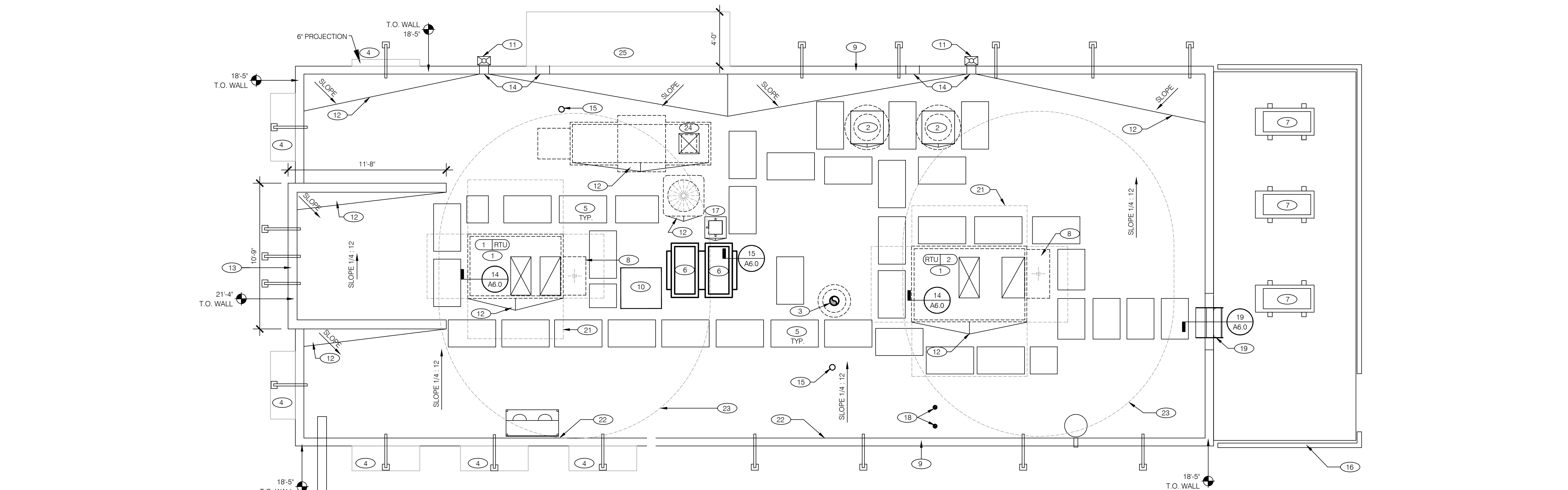
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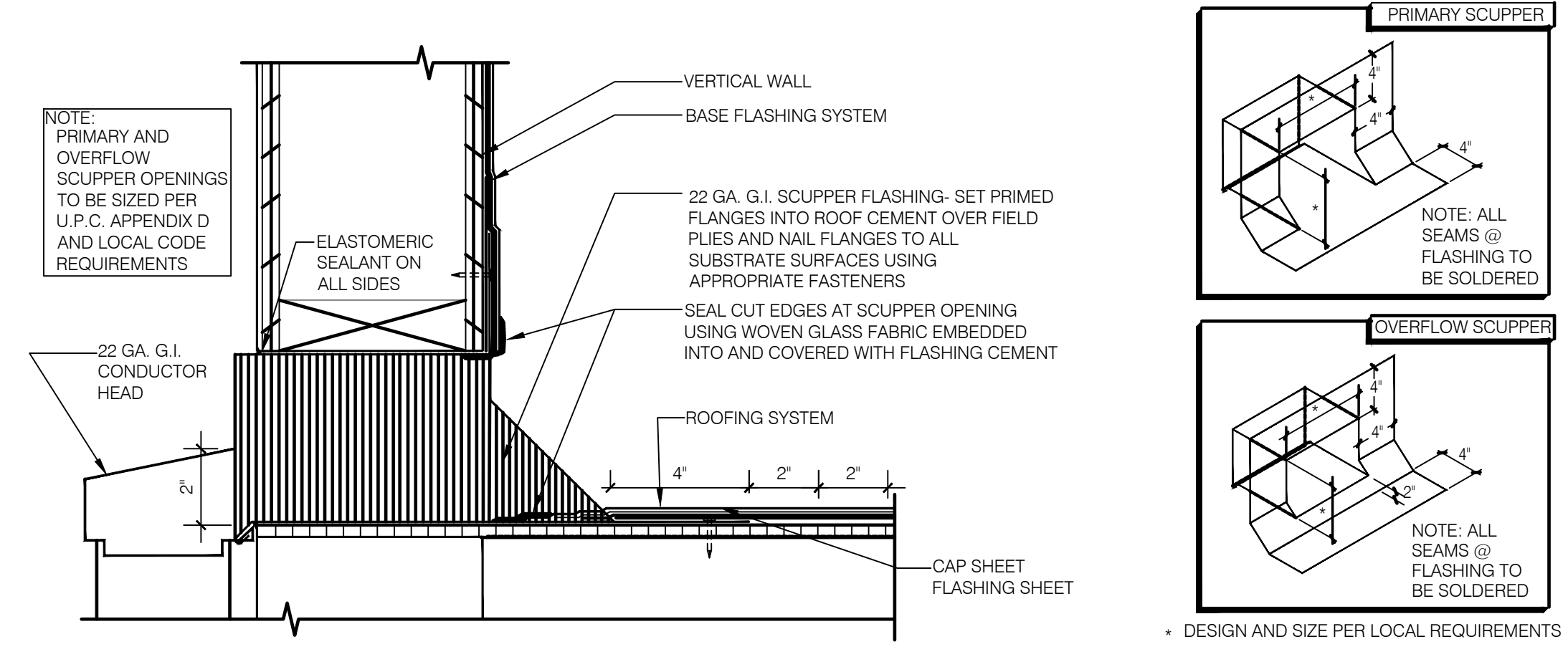
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 Kb 30-19



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



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.

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. DIURO-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. COORDINATE 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 = 1/2" 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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HAROLD DANIEL HUTTER III
FL. REG. AR89813

PLAN SET REVISIONS:

DATE	DESCRIPTION
4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

CONTRACT DATE: --/--2019

BUILDING TYPE: Kb 30-19

PLAN VERSION: 2018.A

SITE NUMBER:


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LIS PROJECT: 2019-304

KFC

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Kb 30-19

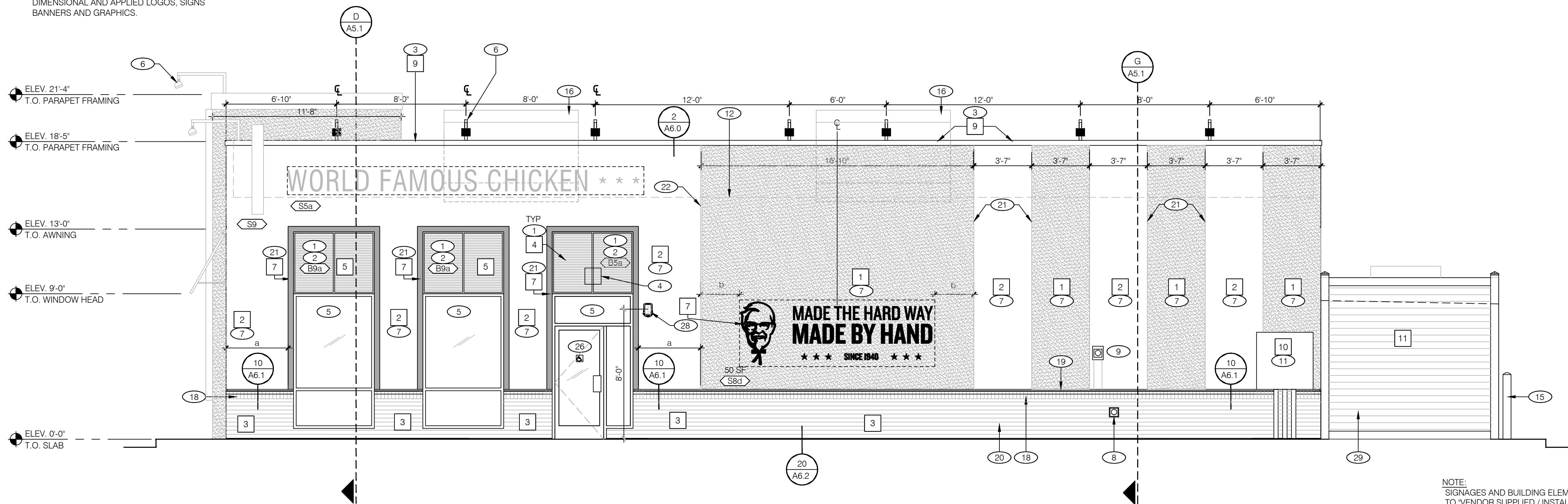
ROOF PLAN

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
S1a	1	1	VINYL LOGO/GRAPHICS FOR TOWER PANEL - FULL HT.
S1b	0	1	VINYL LOGO/GRAPHICS FOR TOWER PANEL - HALF HT.
S3a	0	0	KFC CHANNEL LETTERS - 30' RED
S3b	2	2	KFC CHANNEL LETTERS - 24' RED
S3c	0	0	KFC CHANNEL LETTERS - 30' WHITE
S3d	0	0	KFC CHANNEL LETTERS - 24' WHITE
S4a	1	1	"REAL MEALS TO GO" DIMENSIONAL LETTERS FOR 15' DT CANOPY
S4b	0	0	"REAL MEALS TO GO" VINYL LETTERS FOR 8' DT CANOPY
S5a	1	1	"WORLD FAMOUS CHICKEN" LETTERS - 16" DIMENSIONAL PIN MOUNT
S5b	0	0	"WORLD FAMOUS CHICKEN" 16" LETTERS - PAINT
S5c	0	0	"WORLD FAMOUS CHICKEN" 12" LETTERS - PAINT
S5d	0	0	"WORLD FAMOUS CHICKEN" STACKED LETTERS - PAINT
S6	0	0	"REAL MEALS" BUCKET SIGN
S7	0	0	"REAL MEALS TO GO" BUCKET SIGN
S8a	1	1	"HARD WAY" PAINT TEMPLATE - 57" ROUND
S8d	1	1	"HARD WAY" PAINT TEMPLATE - HORIZONTAL
S9	1	1	"HOT FRESH ARROW SIGN"
S15b	1	1	"HOT FRESH ARROW SIGN"
G9a	2	2	STORE HOURS - ENTRY DOOR
G9b	1	1	STORE HOURS - DT WINDOW
G9c	1	1	STORE HOURS - DT SPEAKER POST/CANOPY
BUILDING EXTERIOR ELEMENTS			
B1a	1	1	TOWER PANEL W/ HALF HT LOGO (NO GRAPHICS)- FULL HT W/ EXTENDER
B1b	0	0	TOWER PANEL W/ LOGO AND GRAPHICS - HALF HT
B2	1	1	TOWER LID CANOPY
B3a	1	1	DT WINDOW CANOPY - 15'-0" WIDE
B9a	5	5	SHUTTERED AWNINGS - 5'-0" WIDE, 4'-6" HT
B9b	1	1	SHUTTERED AWNINGS - 6'-4" WIDE, 4'-6" HT
B9a-DT	2	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. MANUFACTURERS 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 DIVERSERS)
- 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 MANUFACTURERS 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 CO2 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 MANUFACTURERS 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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HAROLD DANIEL HUTTER III
FL. REG. AR88913

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
△	
△	
△	
△	
△	
△	

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

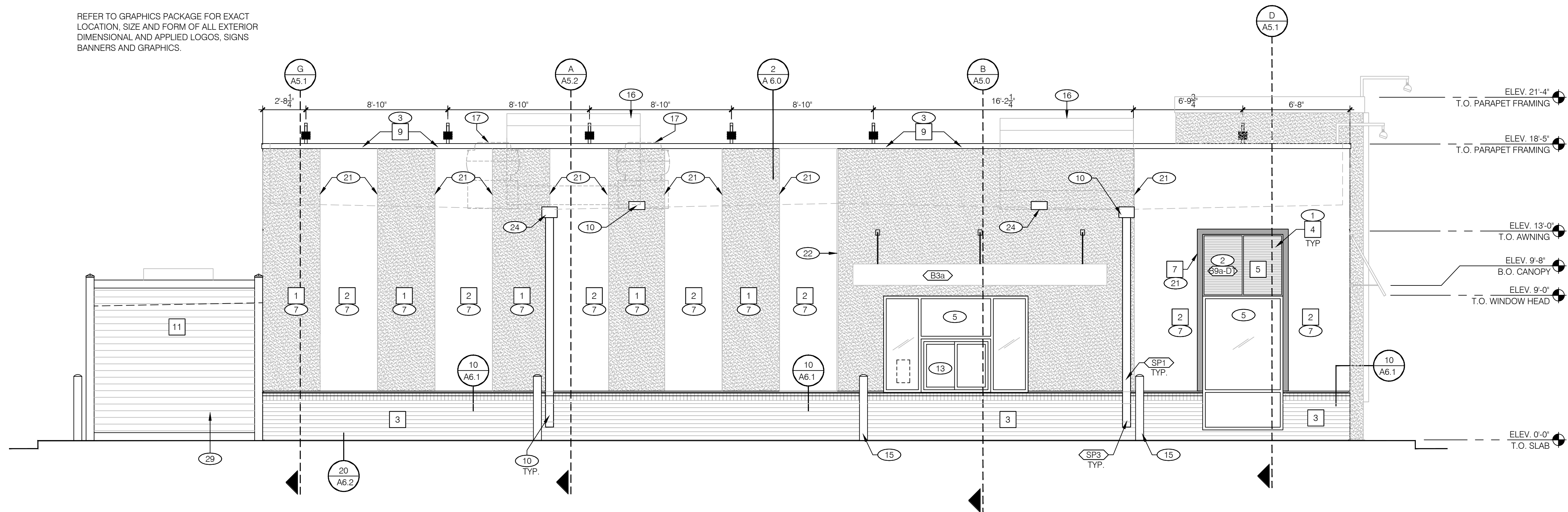
EXTERIOR ELEVATION

A4.0

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.

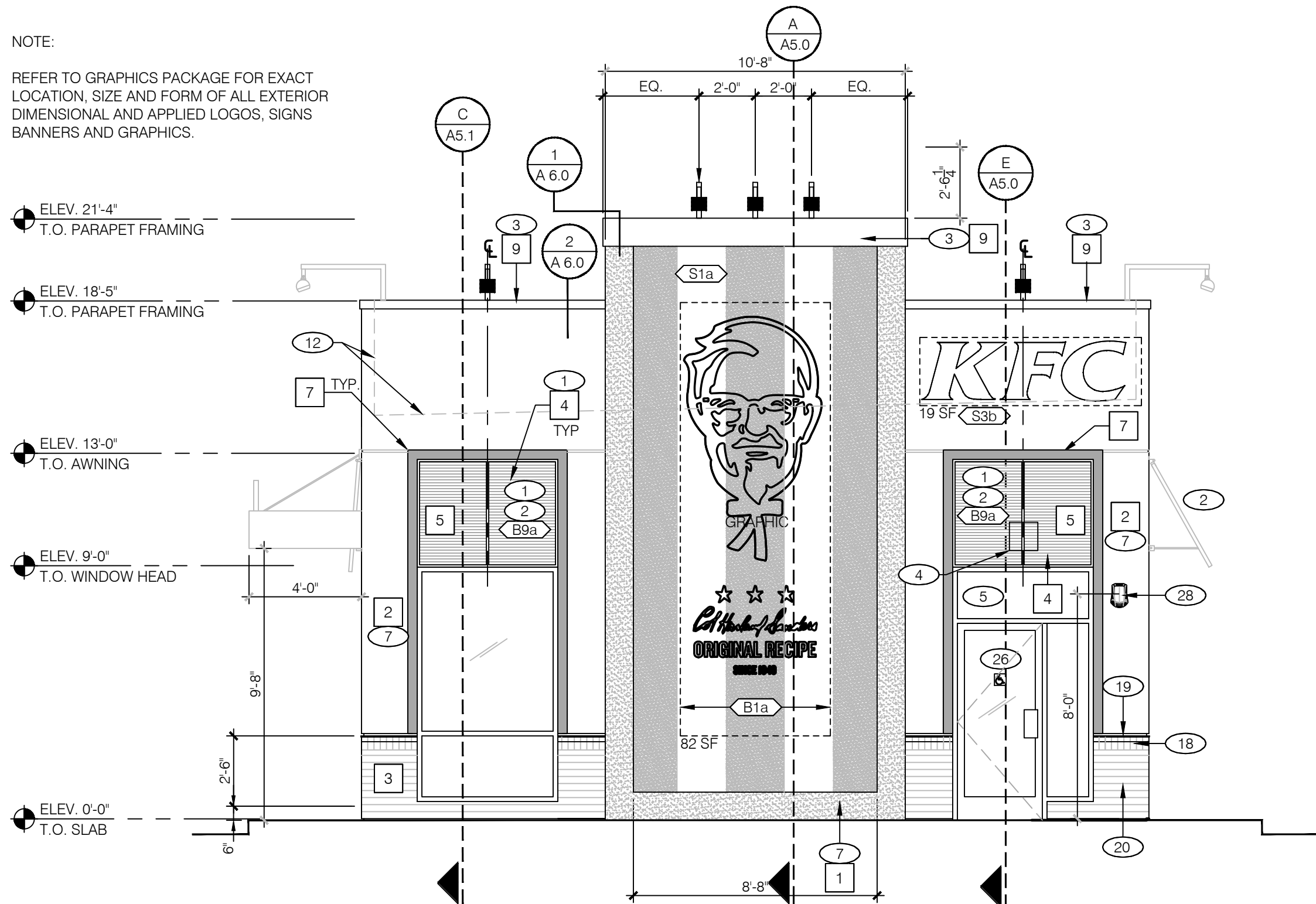


NOTE:
SIGNAGE AND BUILDING ELEMENTS ARE NOT SHOWN ON THIS SHEET. REFER TO "VENDOR SUPPLIED / INSTALLED ELEMENTS" GENERAL NOTE, THIS SHEET.

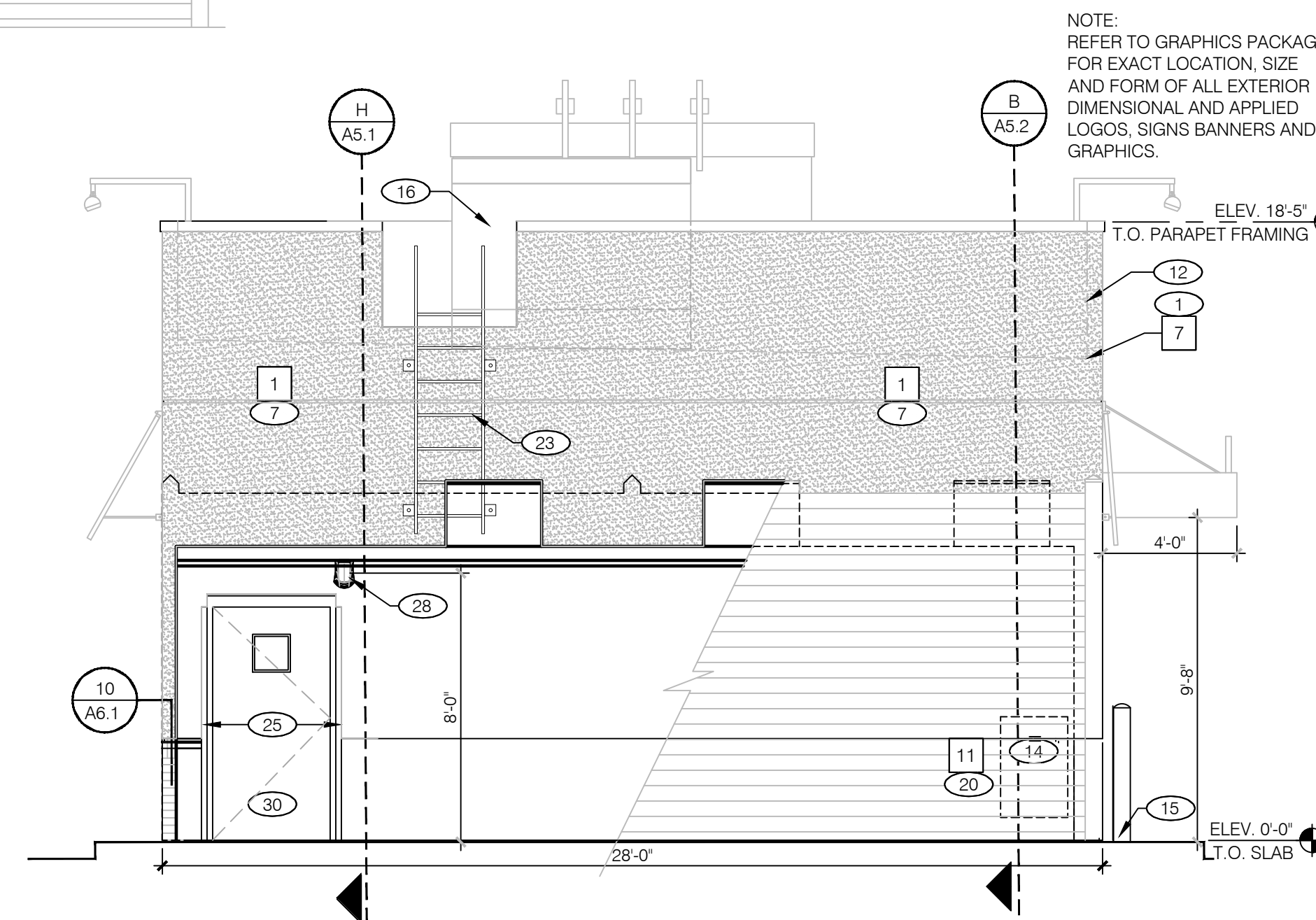
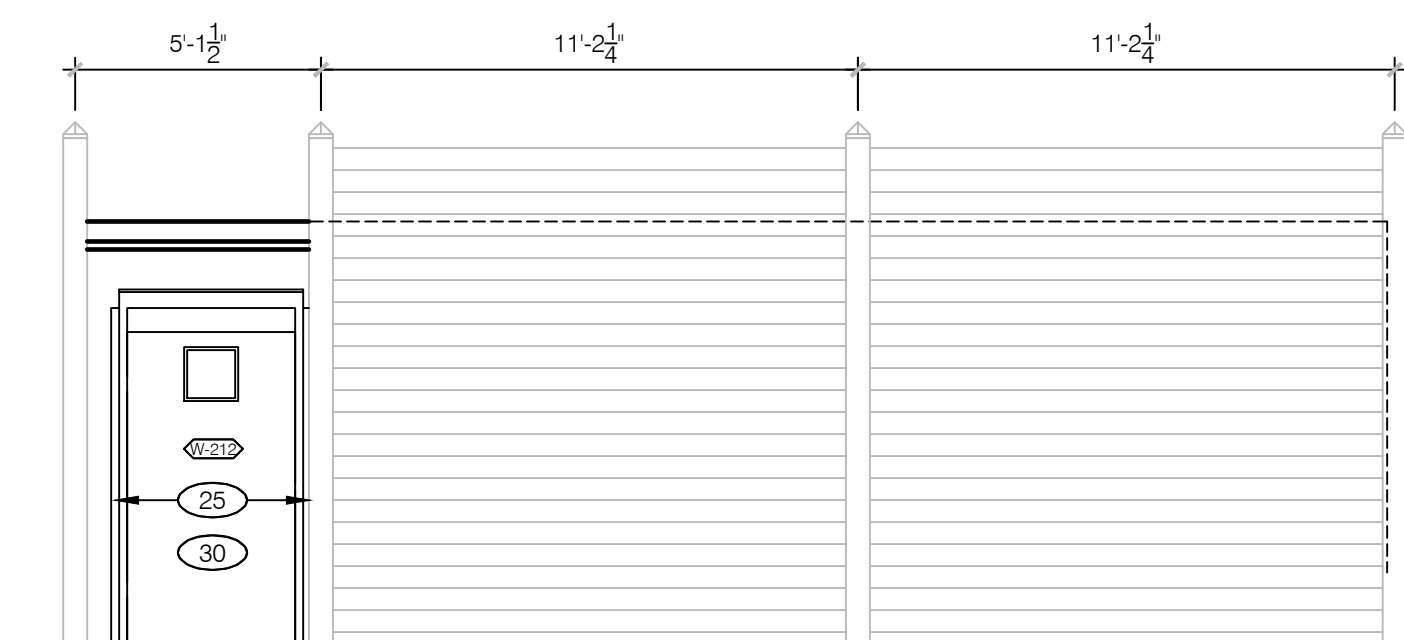
DRIVE-THRU ELEVATION 1/4"=1'-0" **A**

NOTE:

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



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



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

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HAROLD DANIEL HUTTER III
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PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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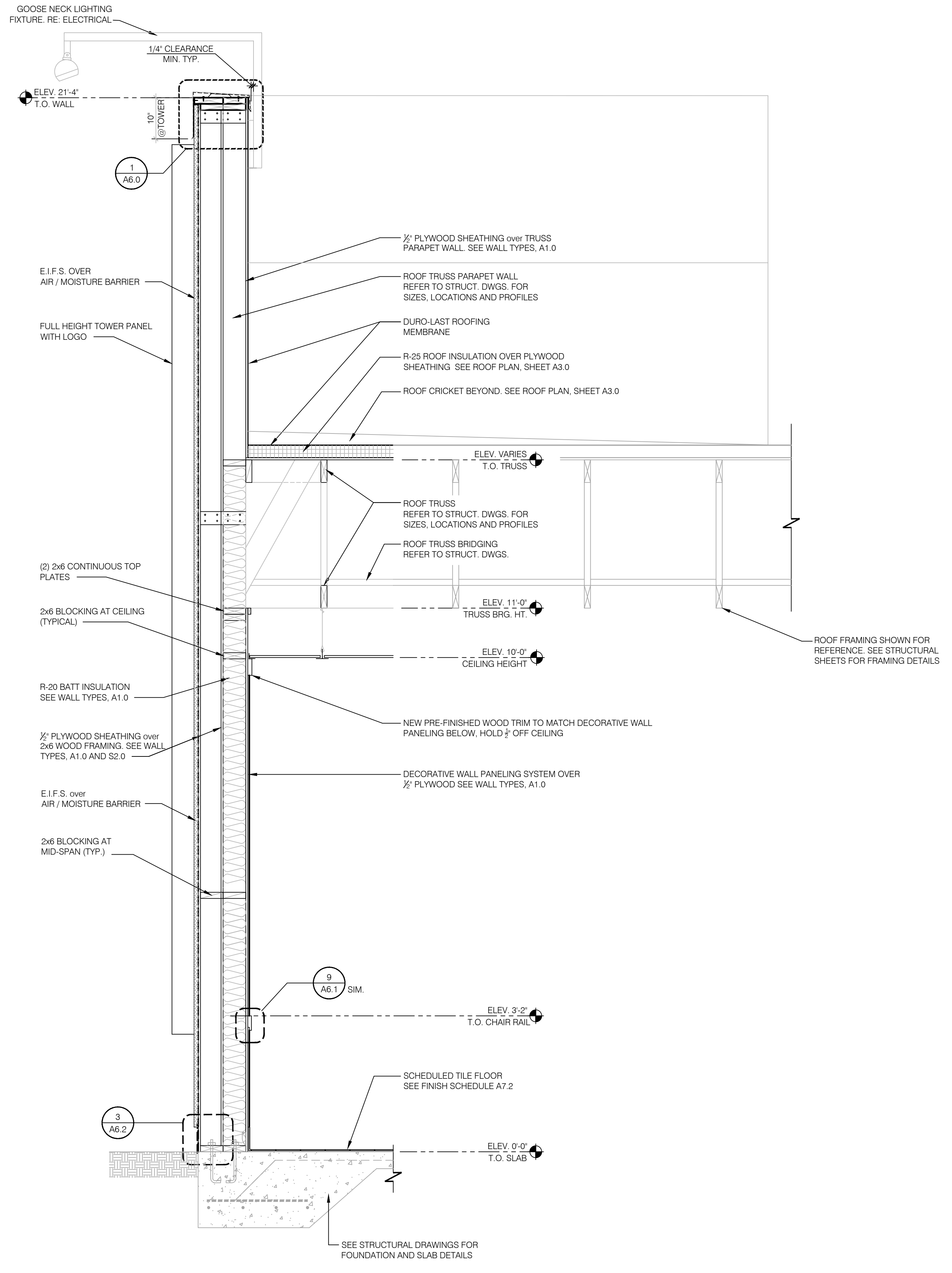
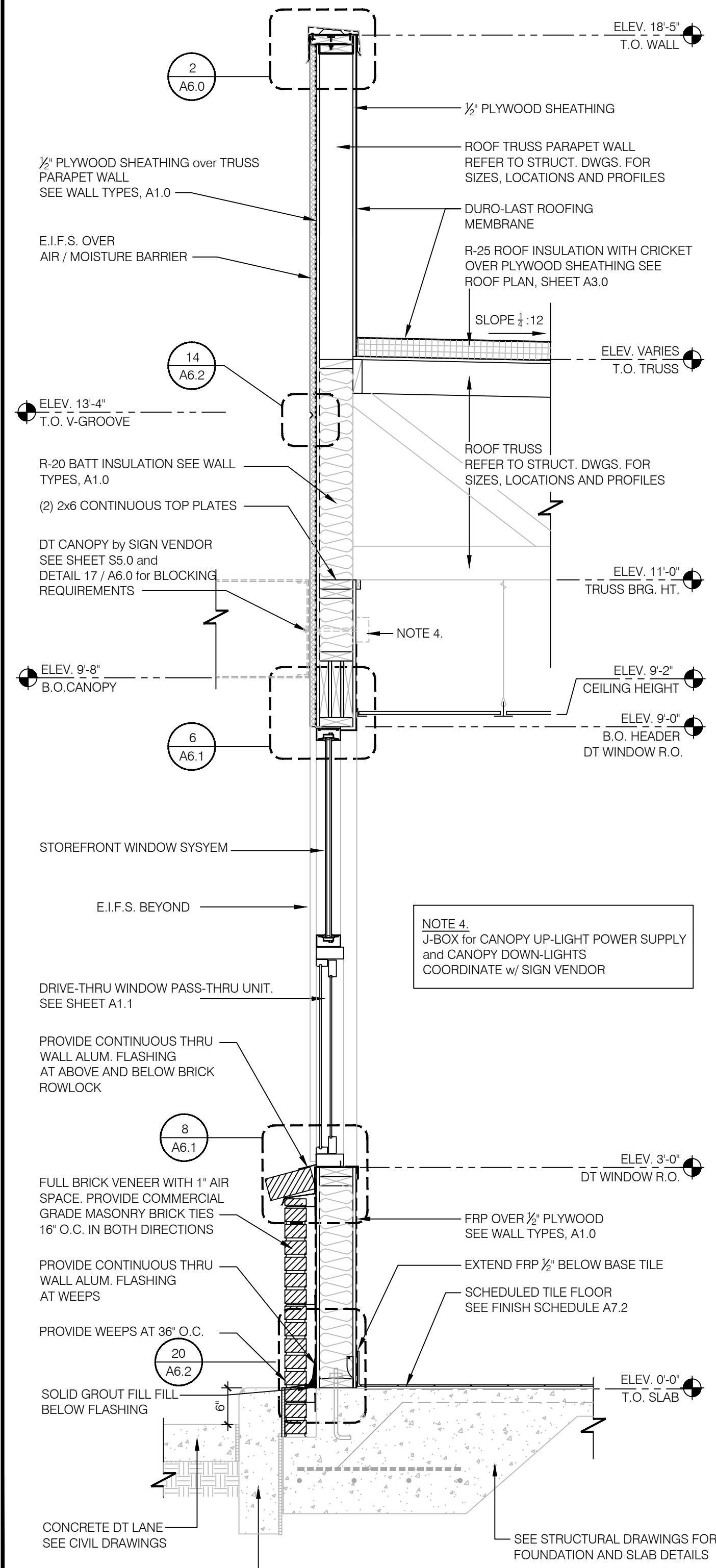
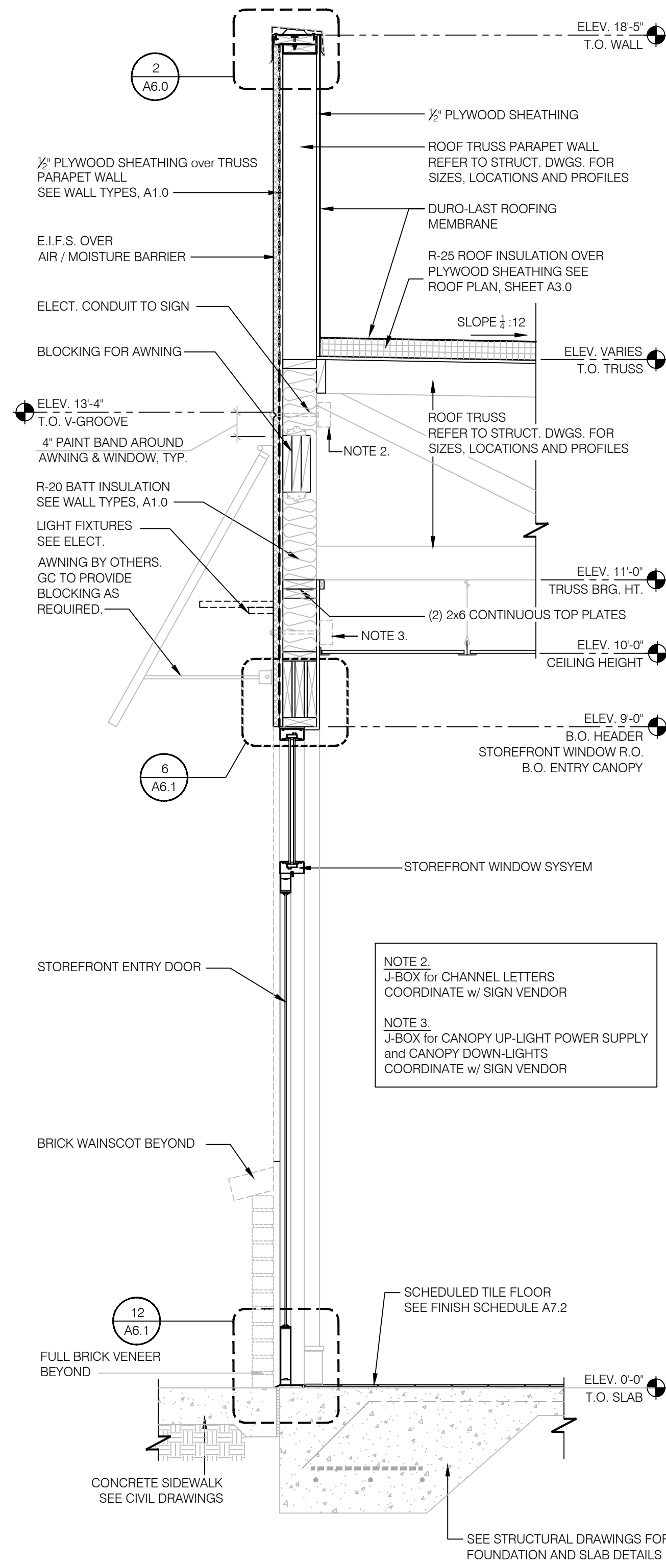
KFC
3615 W SILVER SPRINGS BLVD.
OCALA, FL

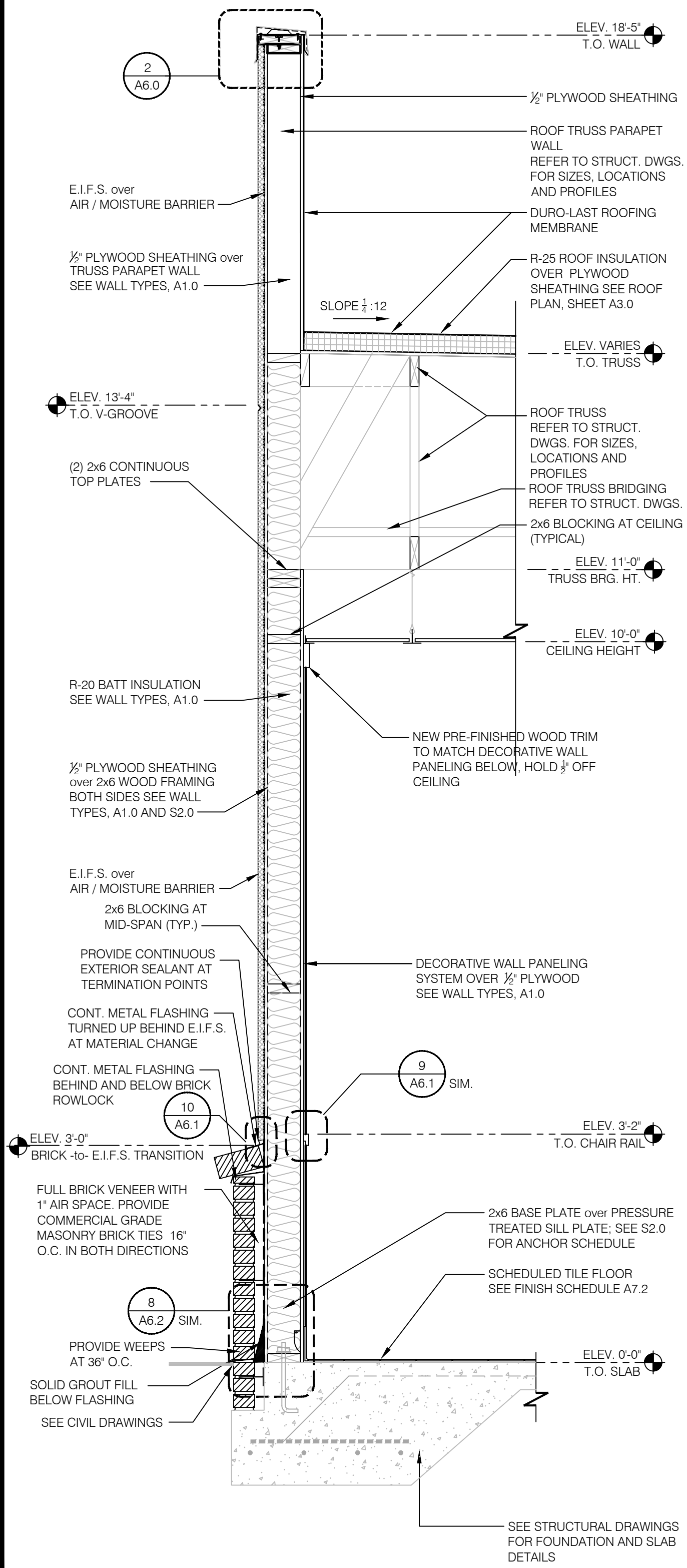


EXTERIOR ELEVATIONS

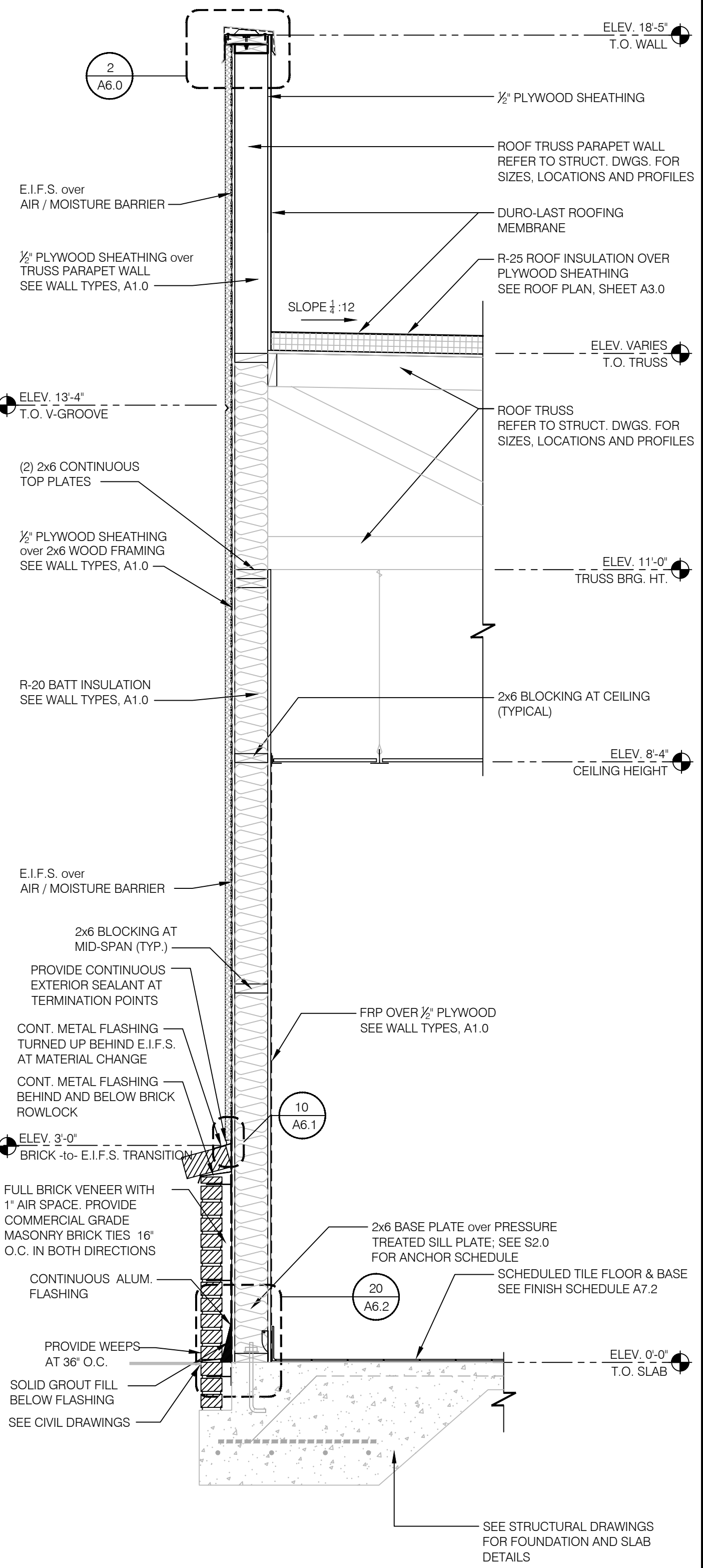
A4.1

PLOT DATE: --/--/2020

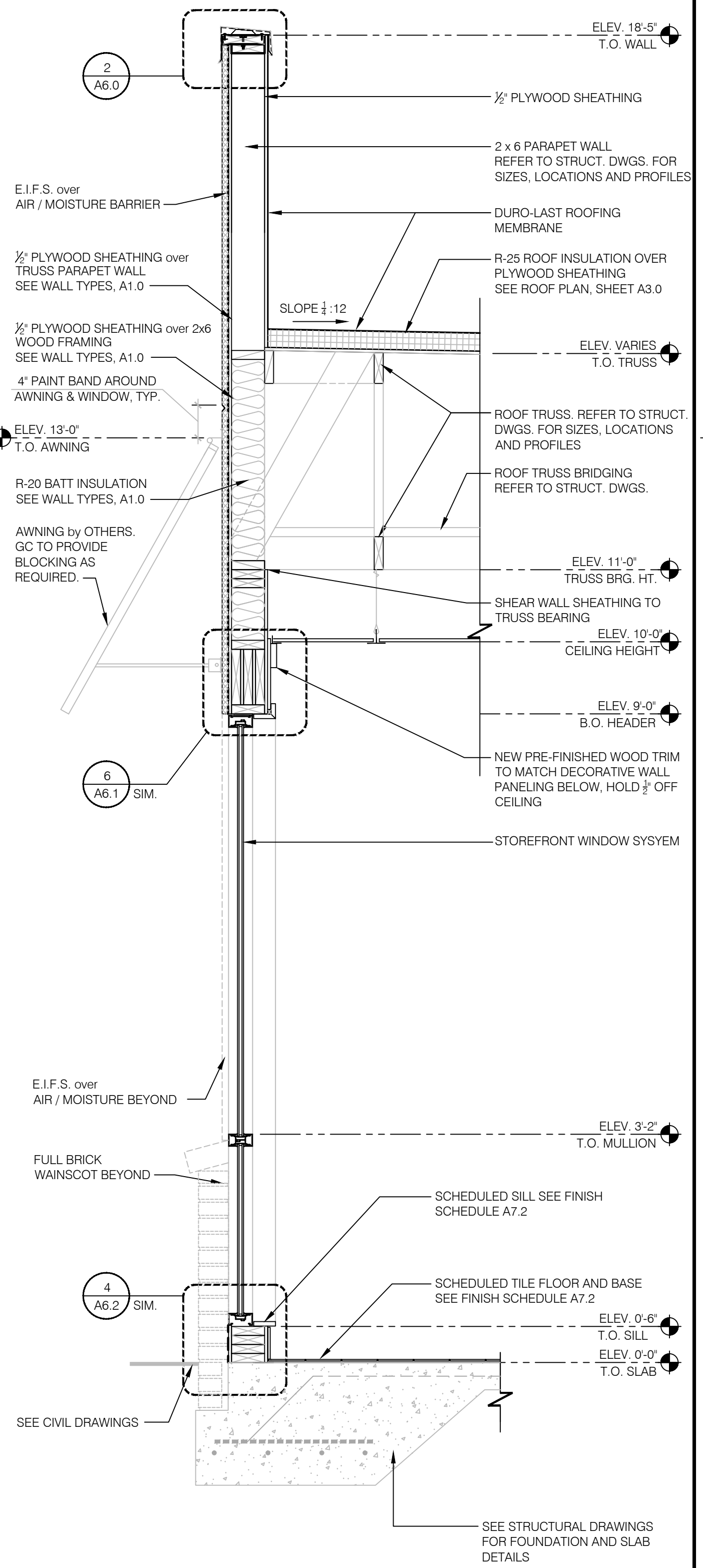




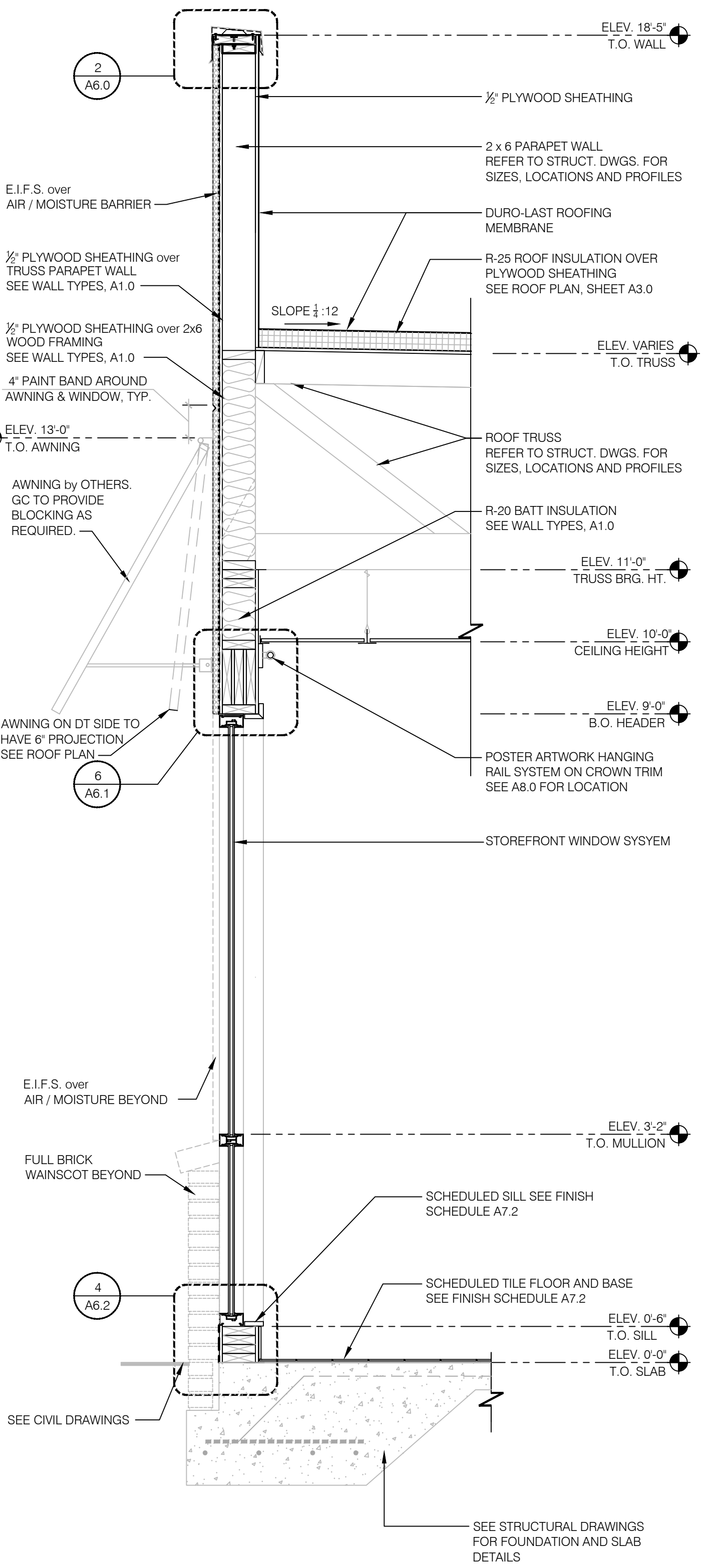
WALL SECTION at DINING (FRONT WALL) 3/4" = 1'-0" H



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:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

CONTRACT DATE: ...-2019

BUILDING TYPE: Kb 30-19

PLAN VERSION: 2018.A

SITE NUMBER:

ENTITY NUMBER:

STORE NUMBER:

LIS PROJECT: 2019-304

KFC

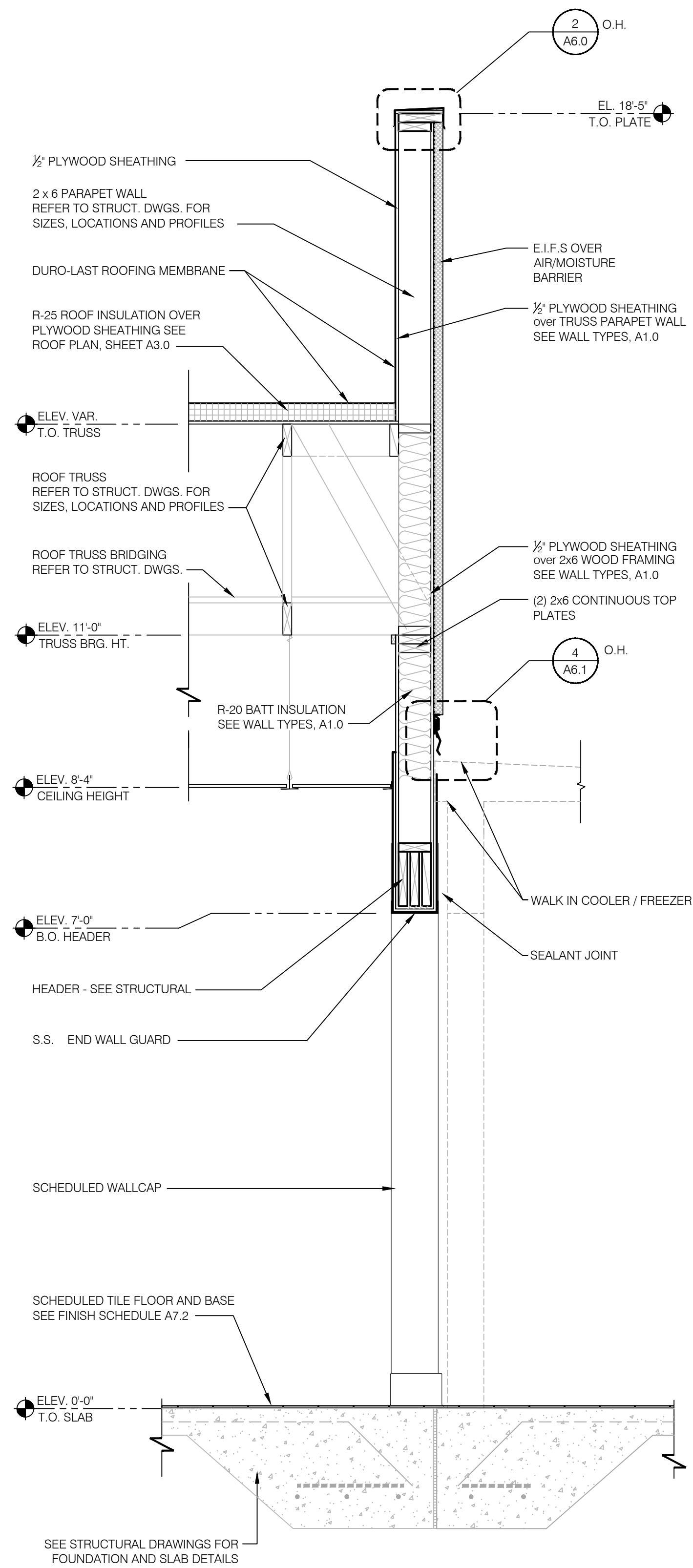
3615 W SILVER SPRINGS BLVD.
OCALA, FL



Kb 30-19

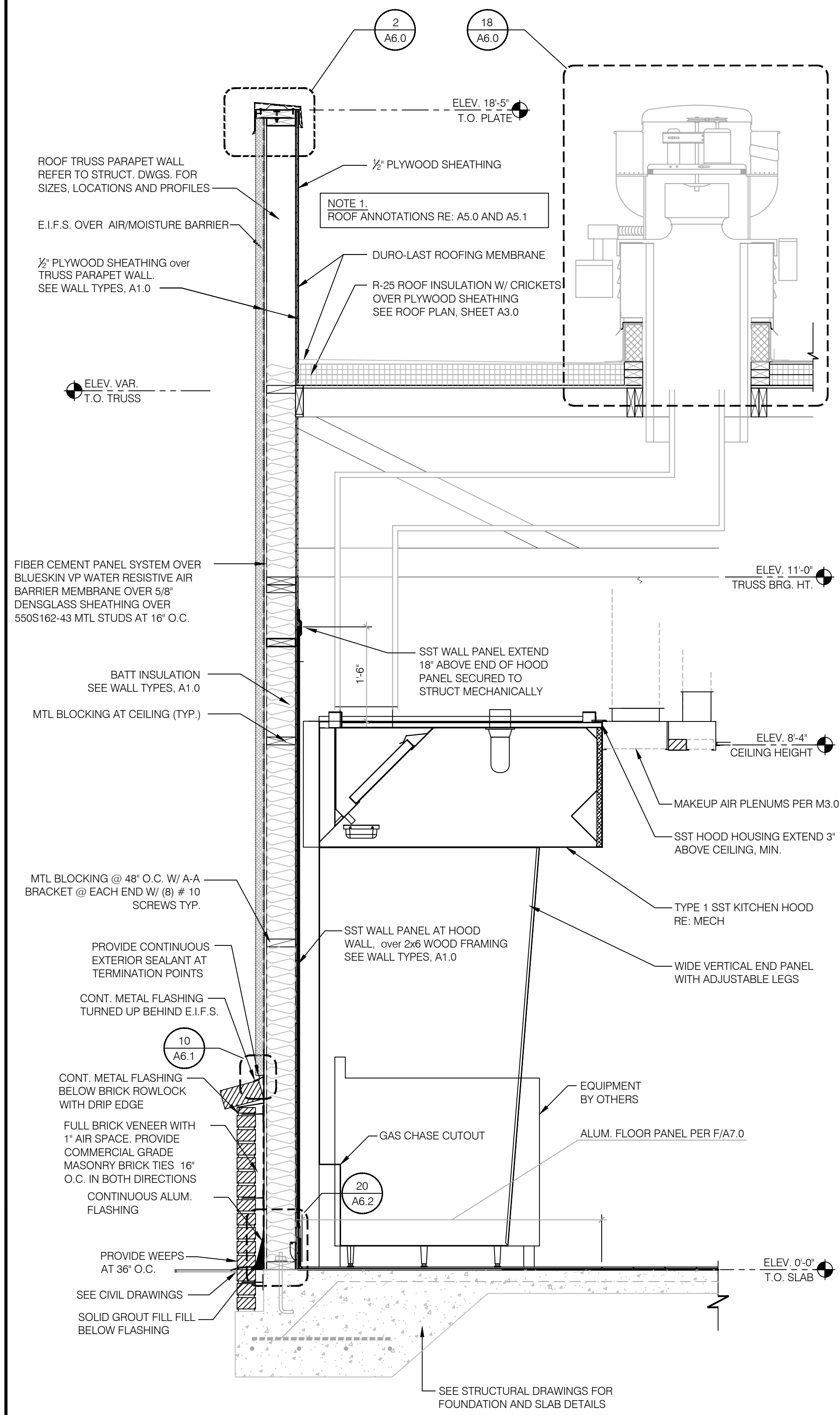
**WALL
SECTIONS**

A5.1



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

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



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

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3/08/2022	OWNER CHANGES

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LIS PROJECT: 2019-304

KFC

3615 W SILVER SPRINGS BLVD.
OCALA, FL

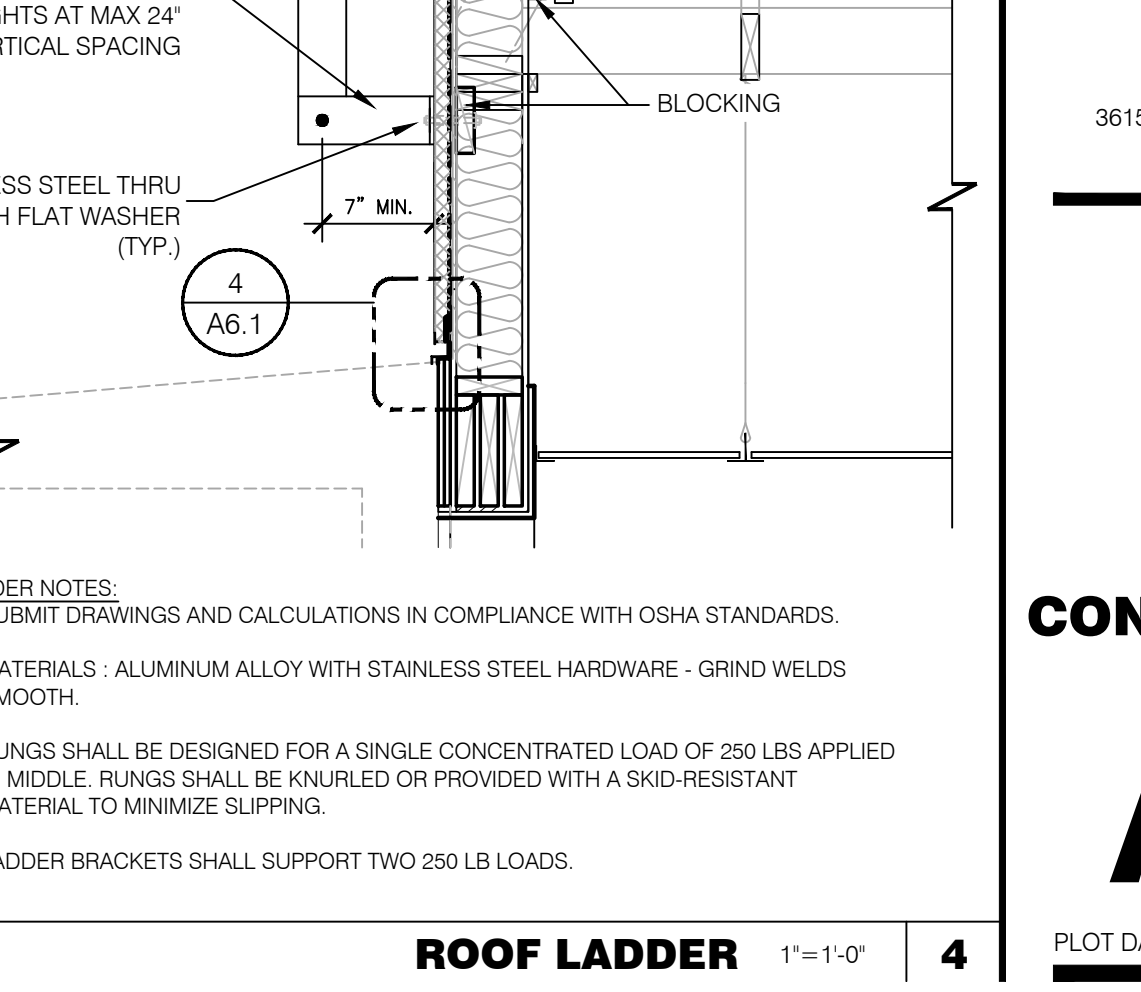
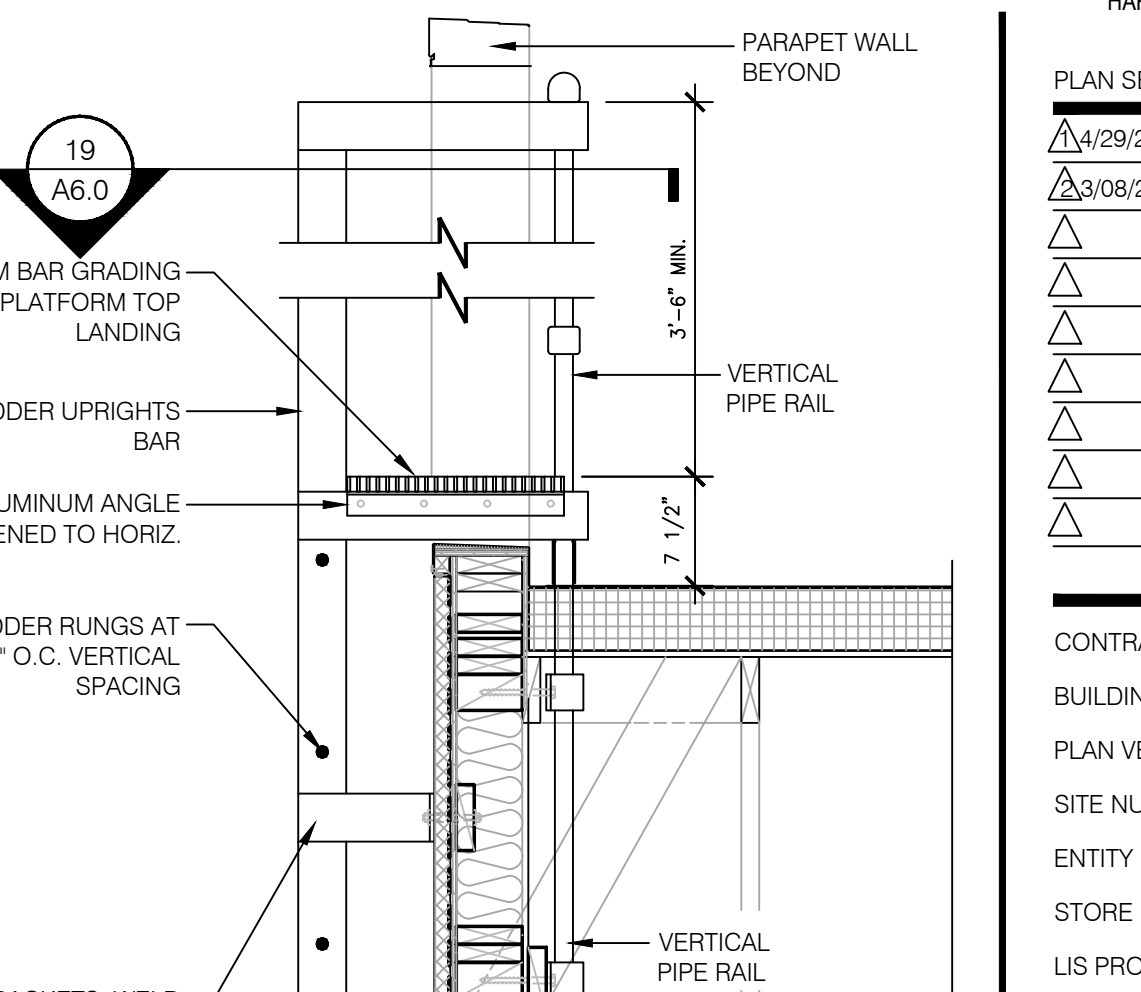
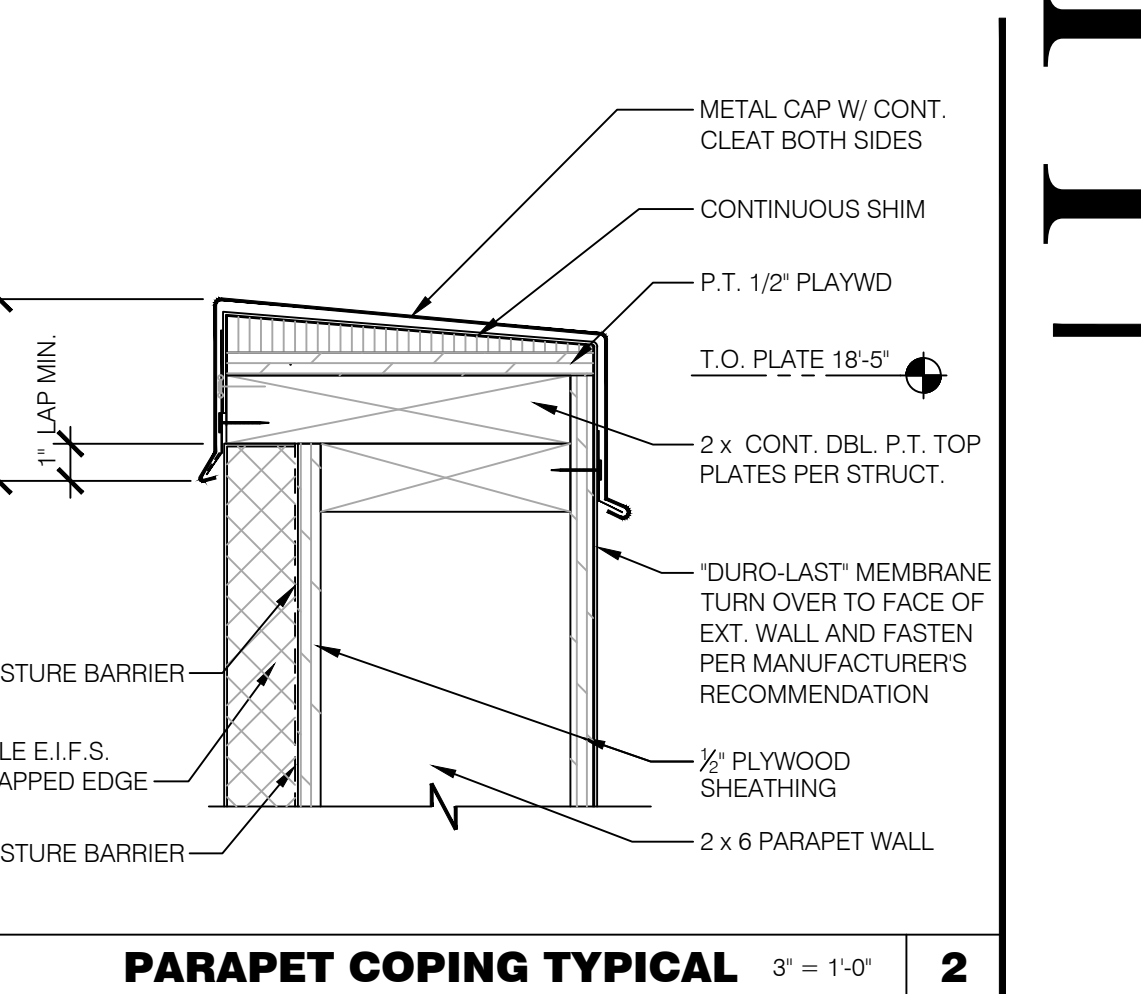
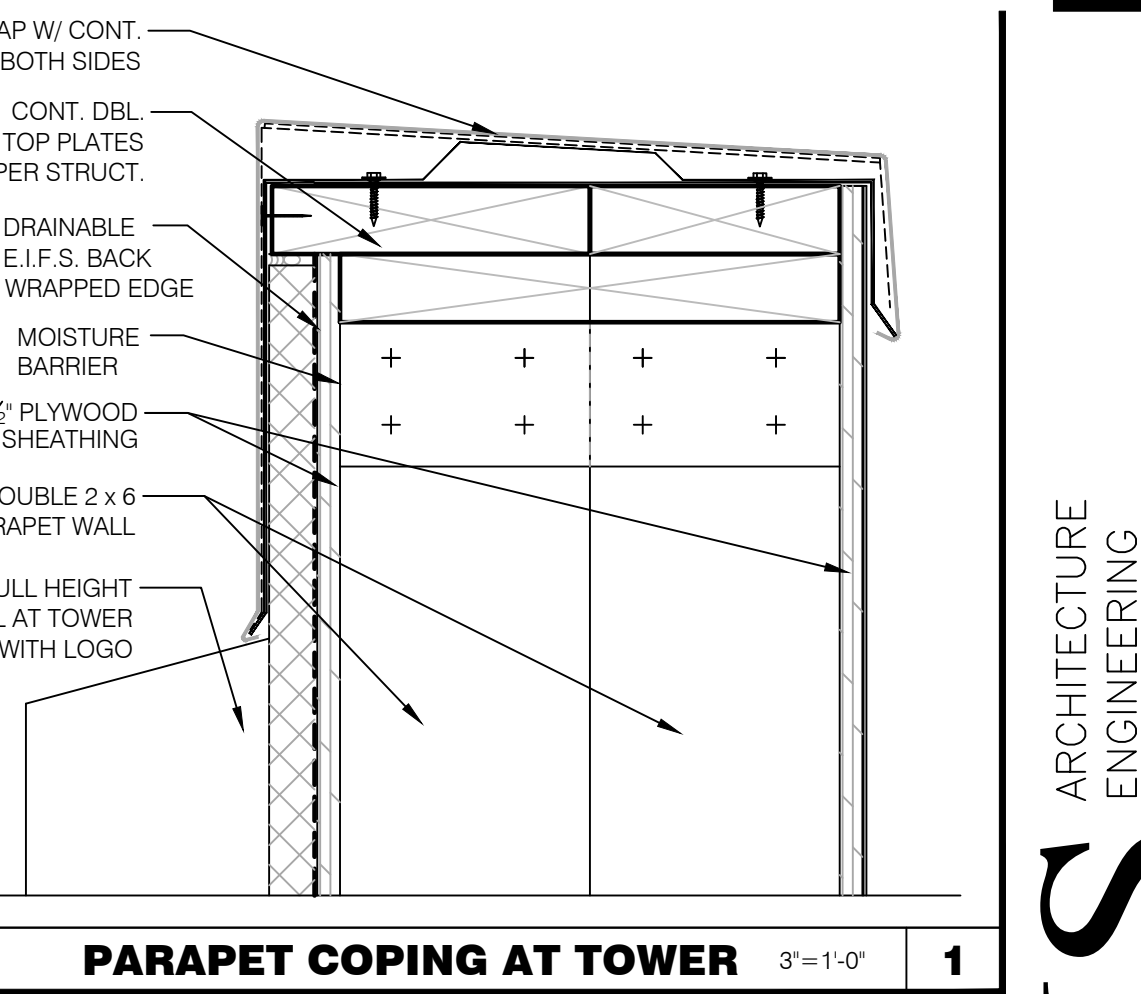
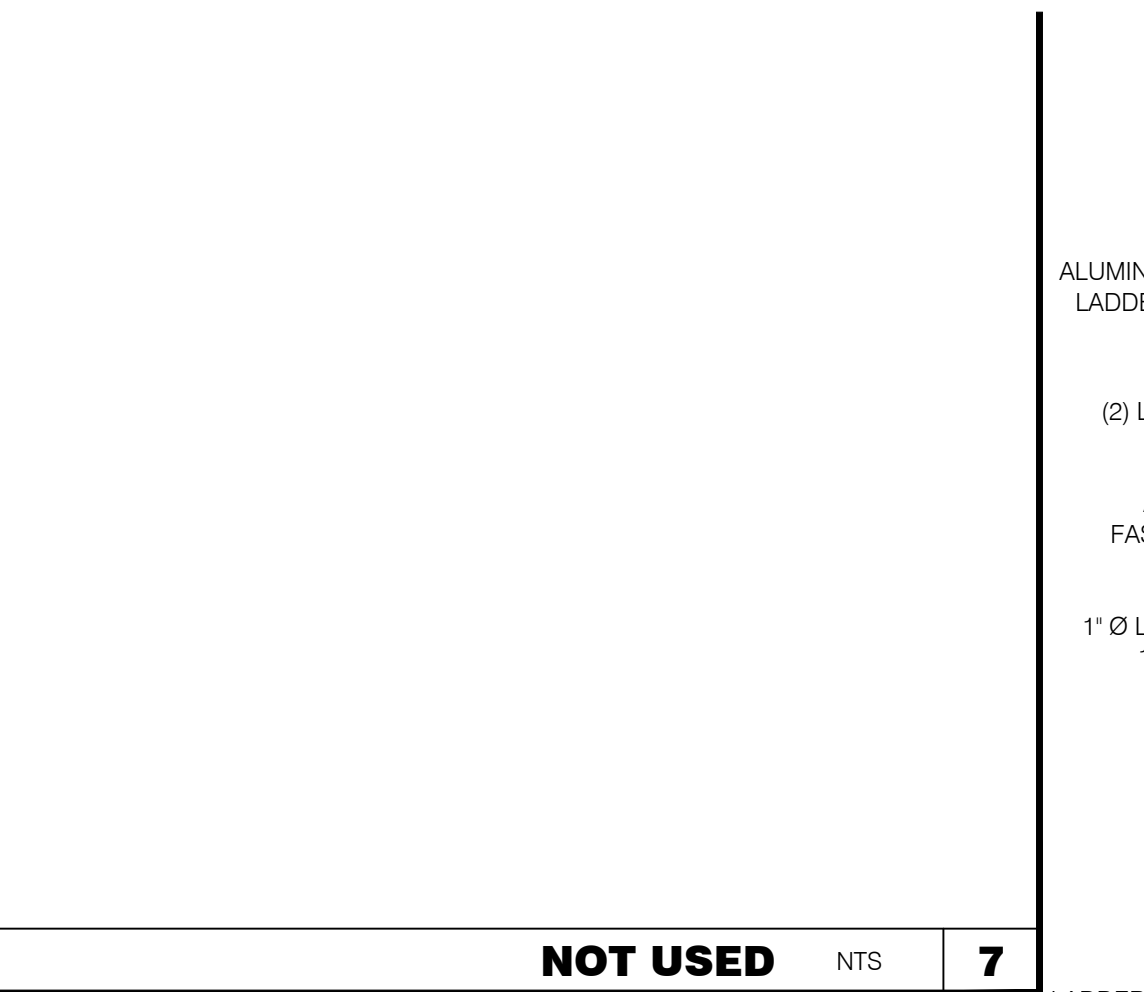
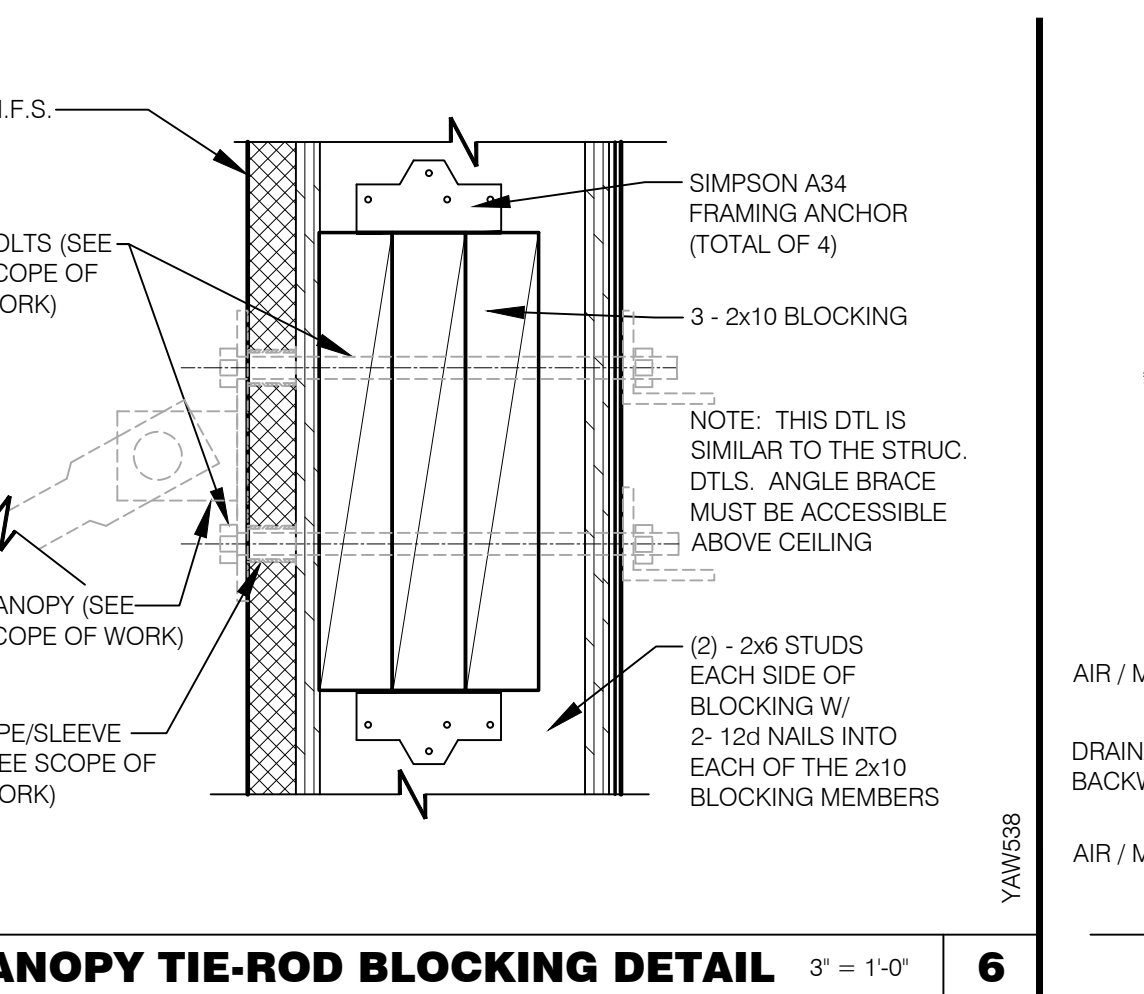
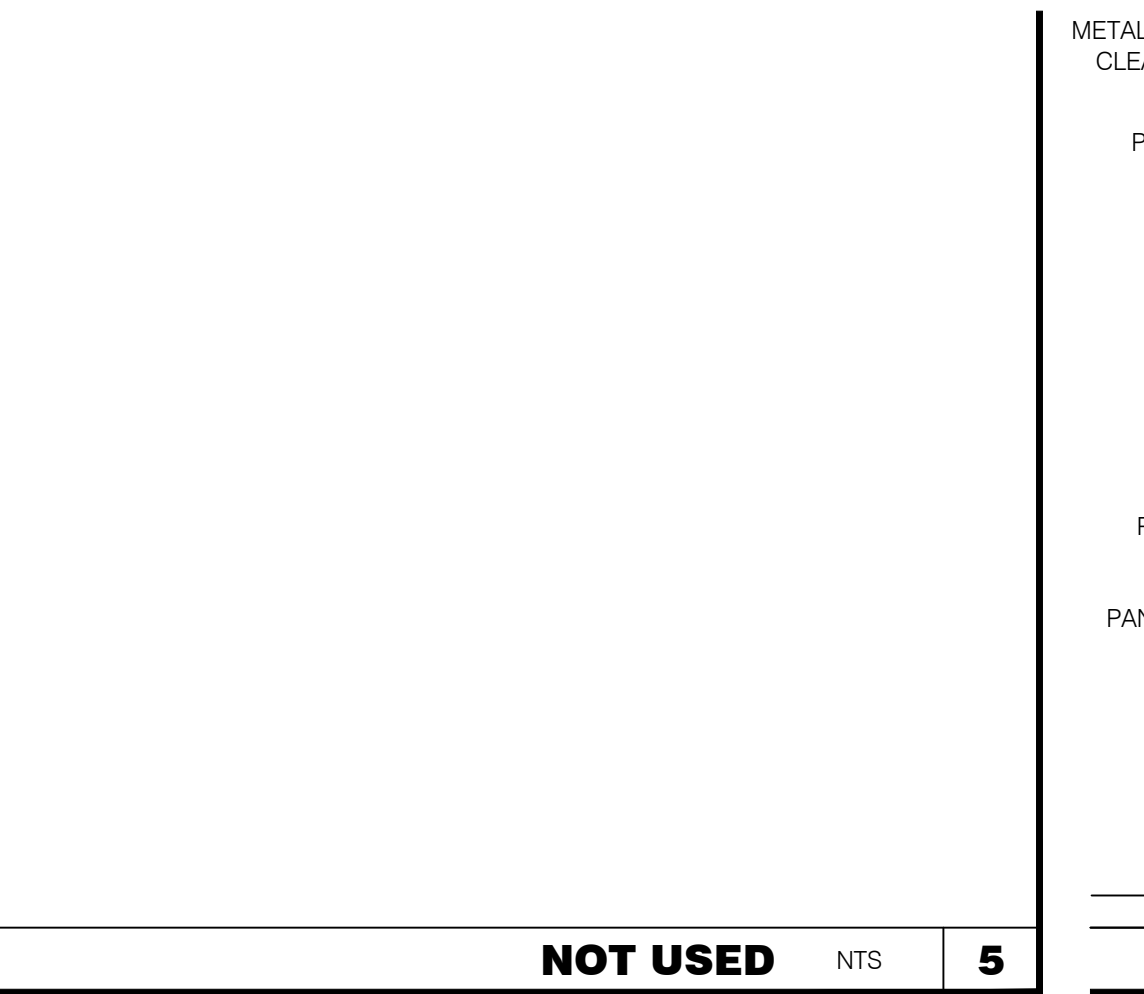
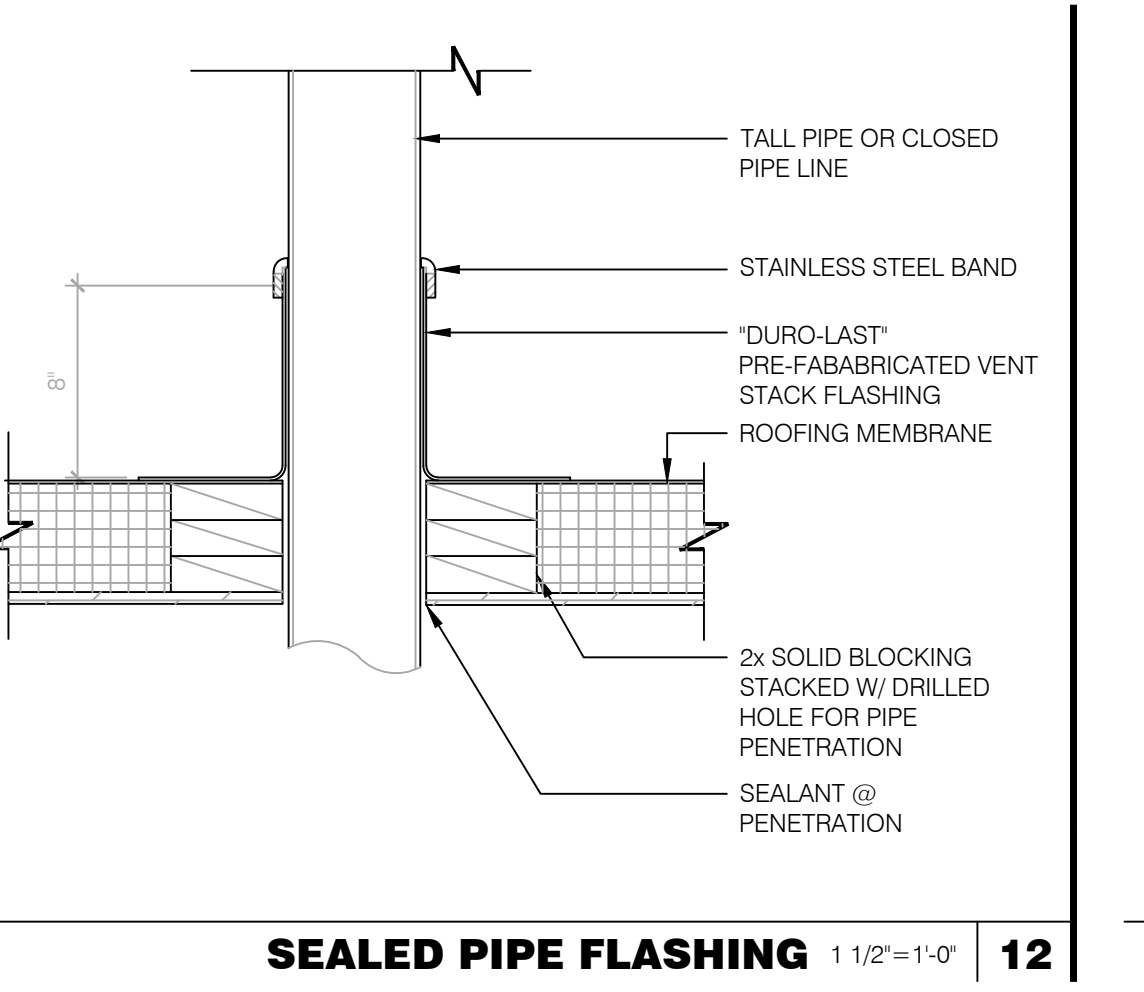
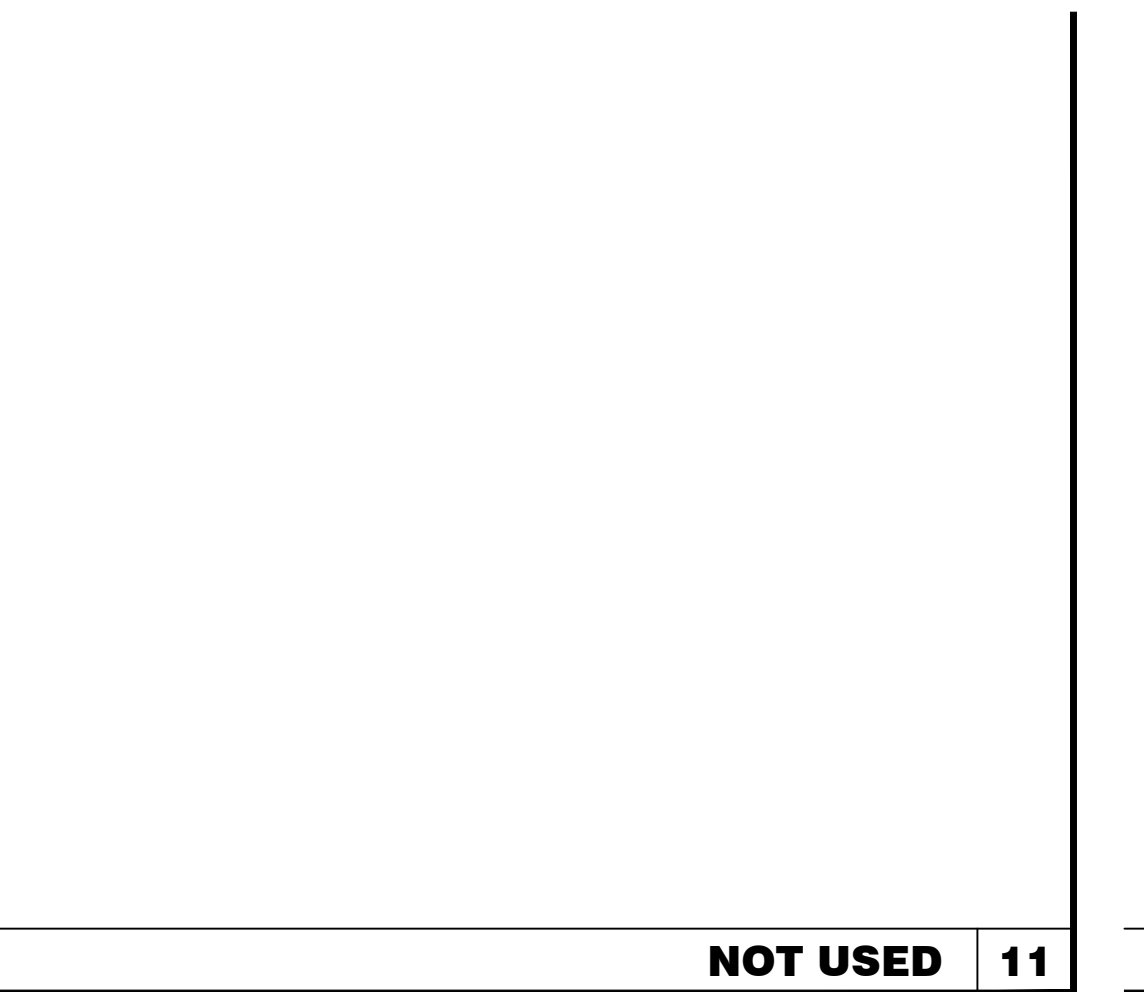
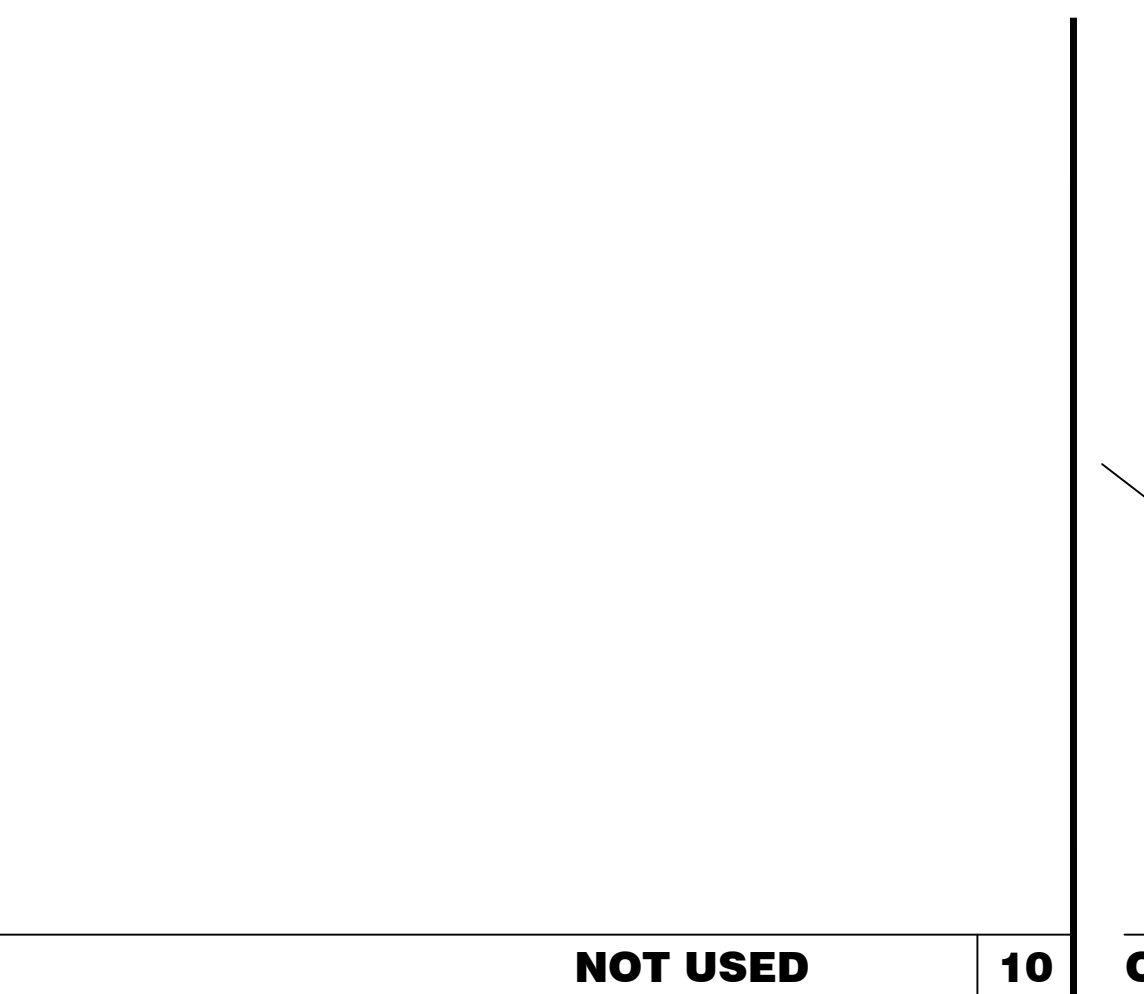
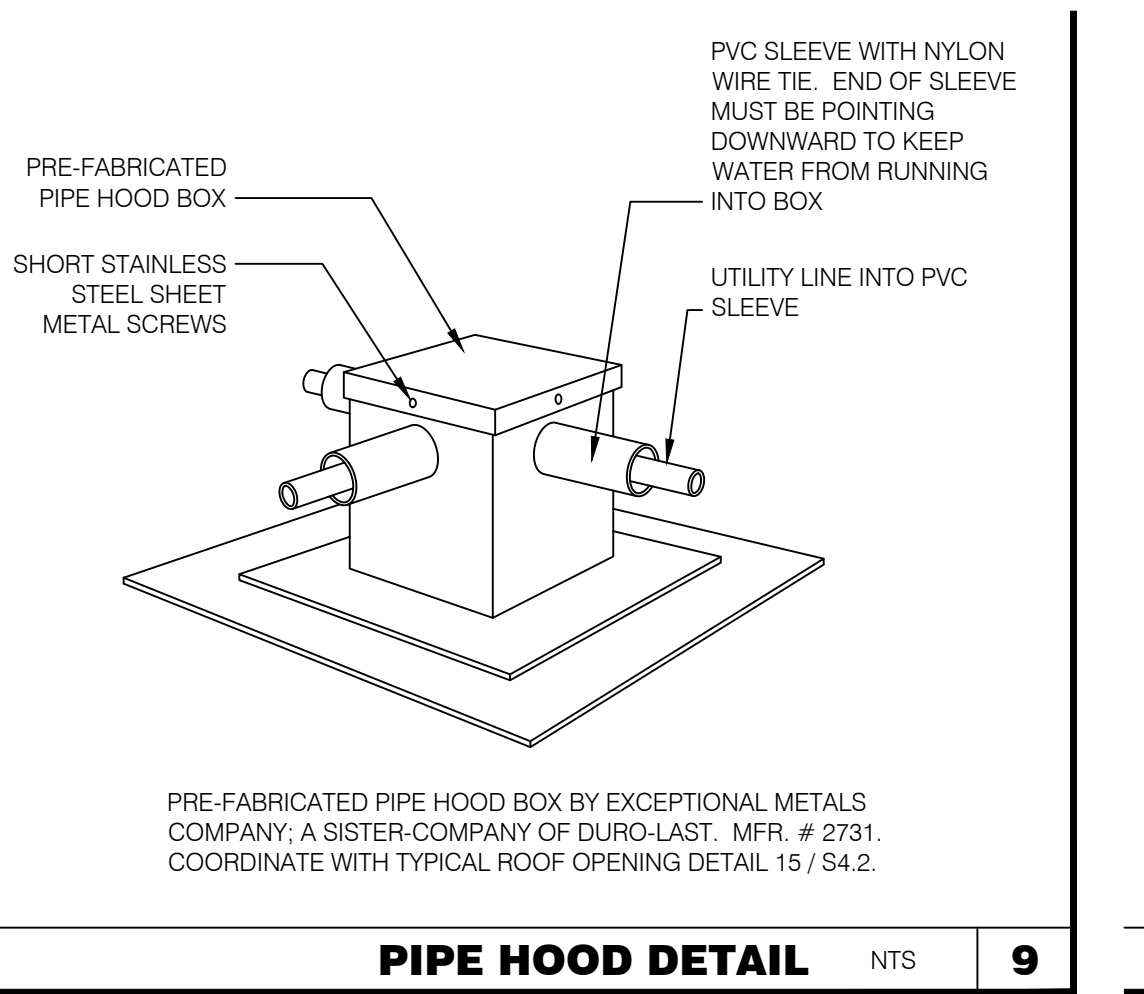
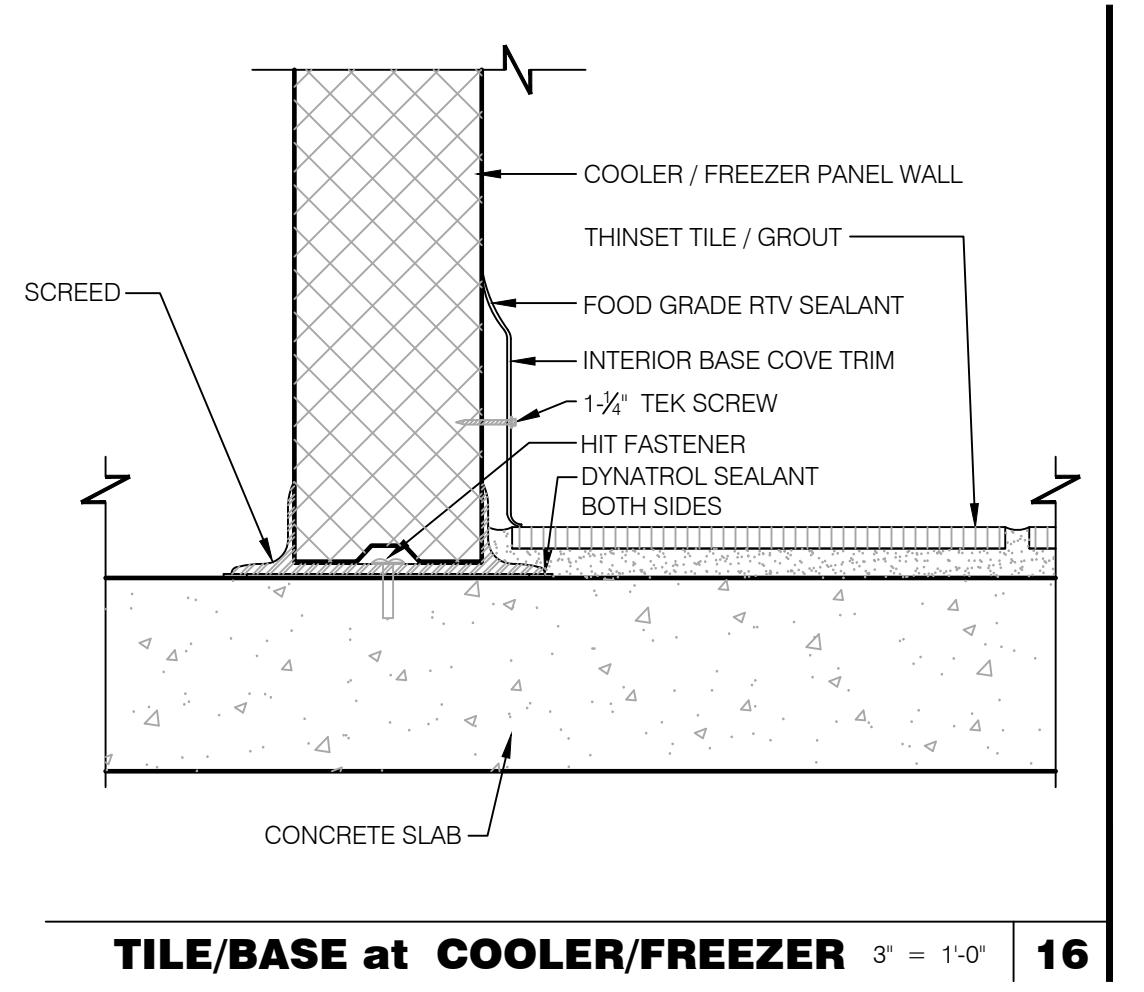
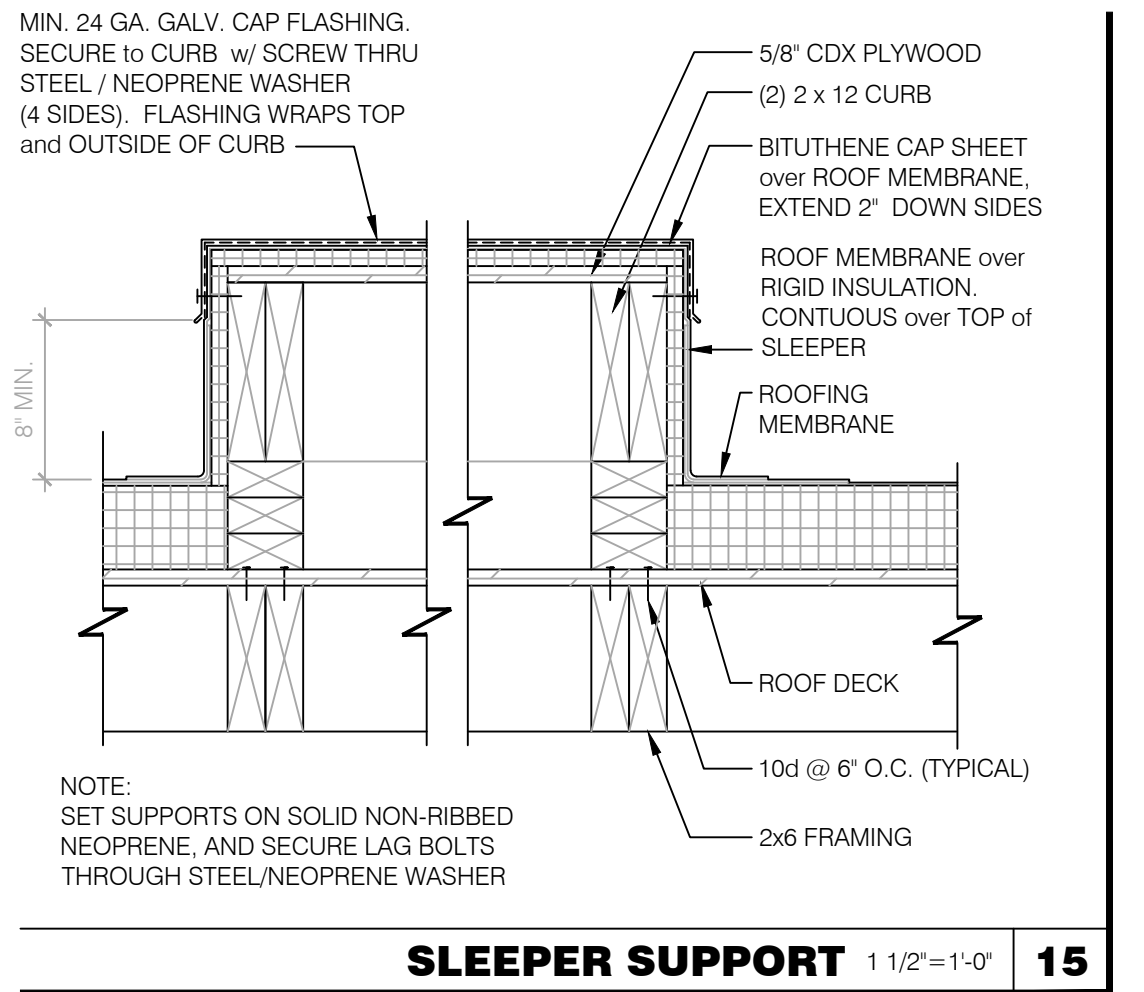
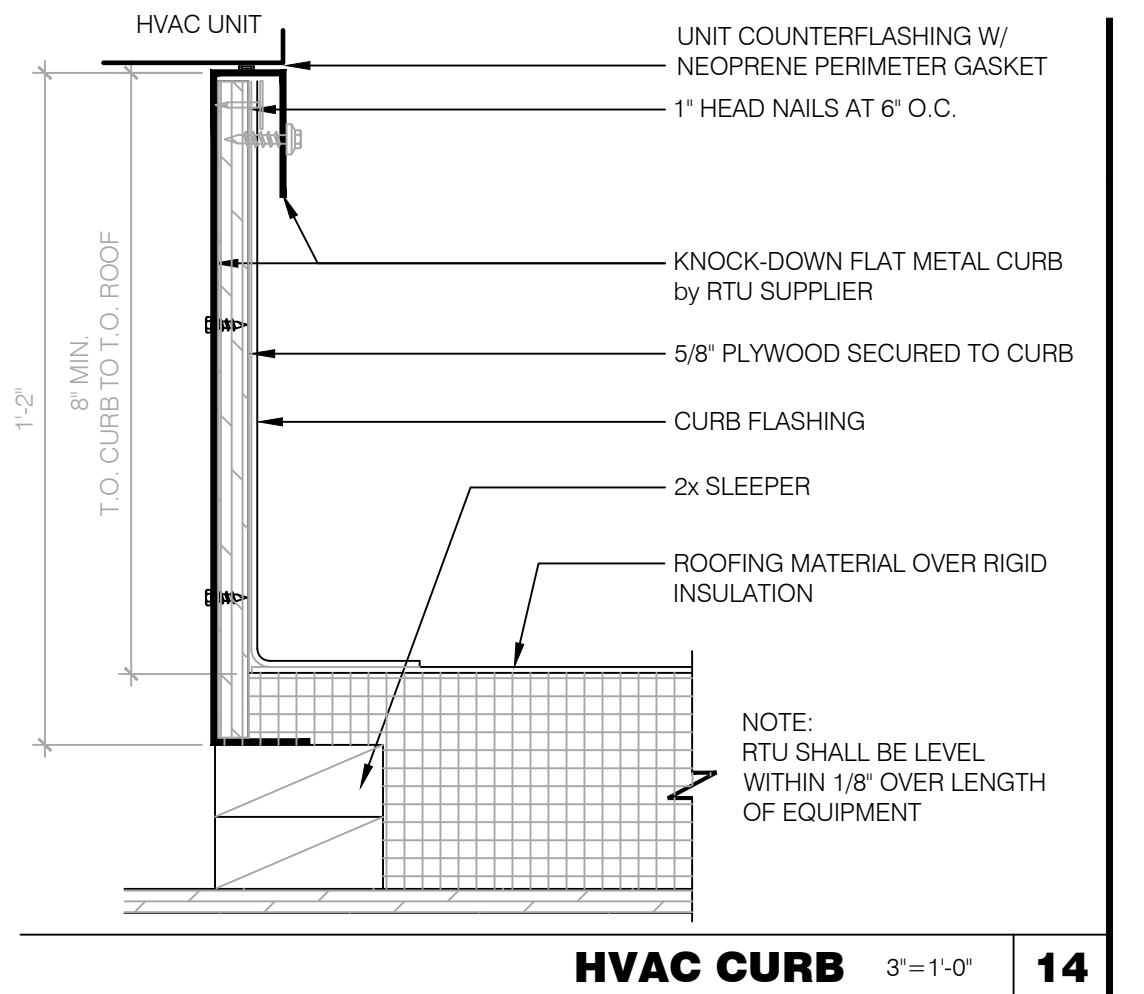
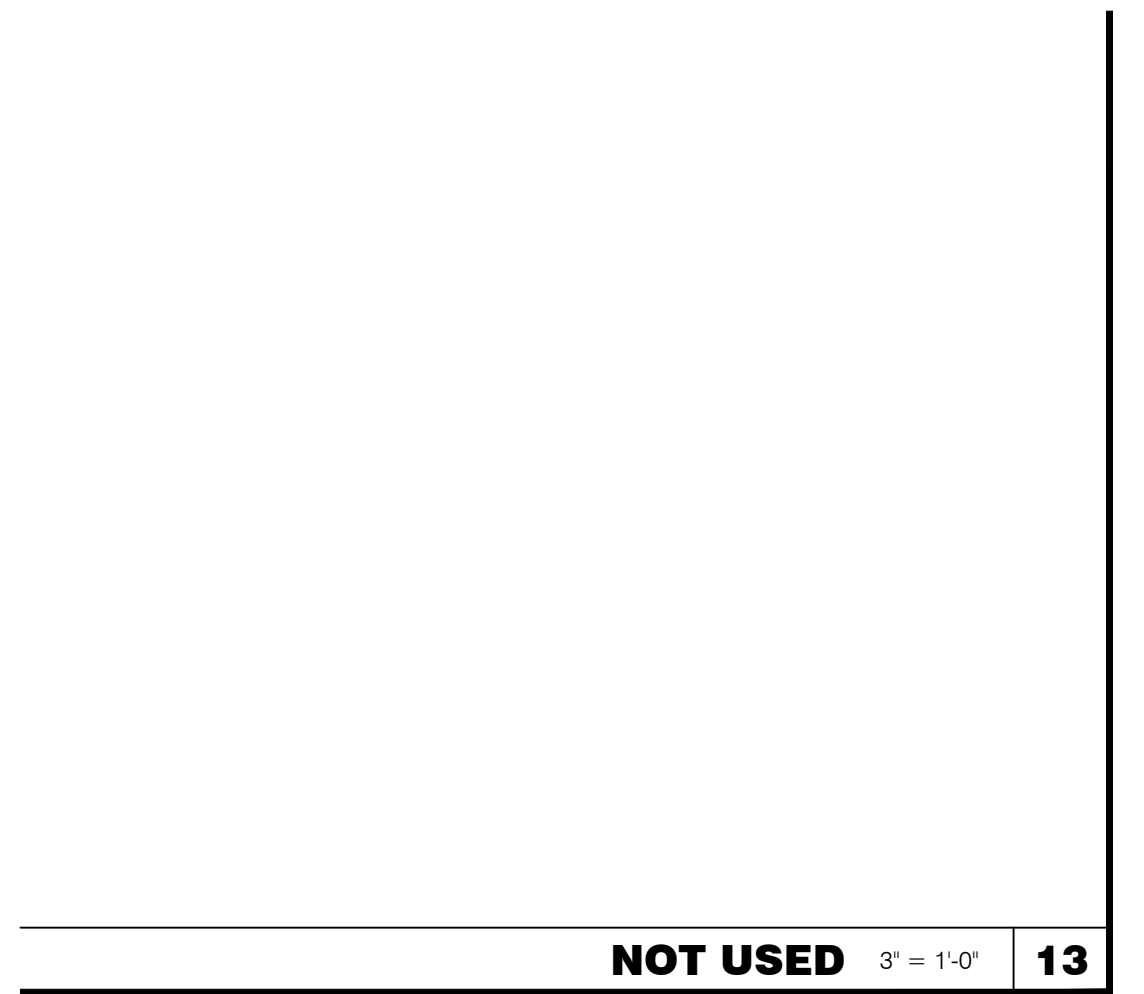
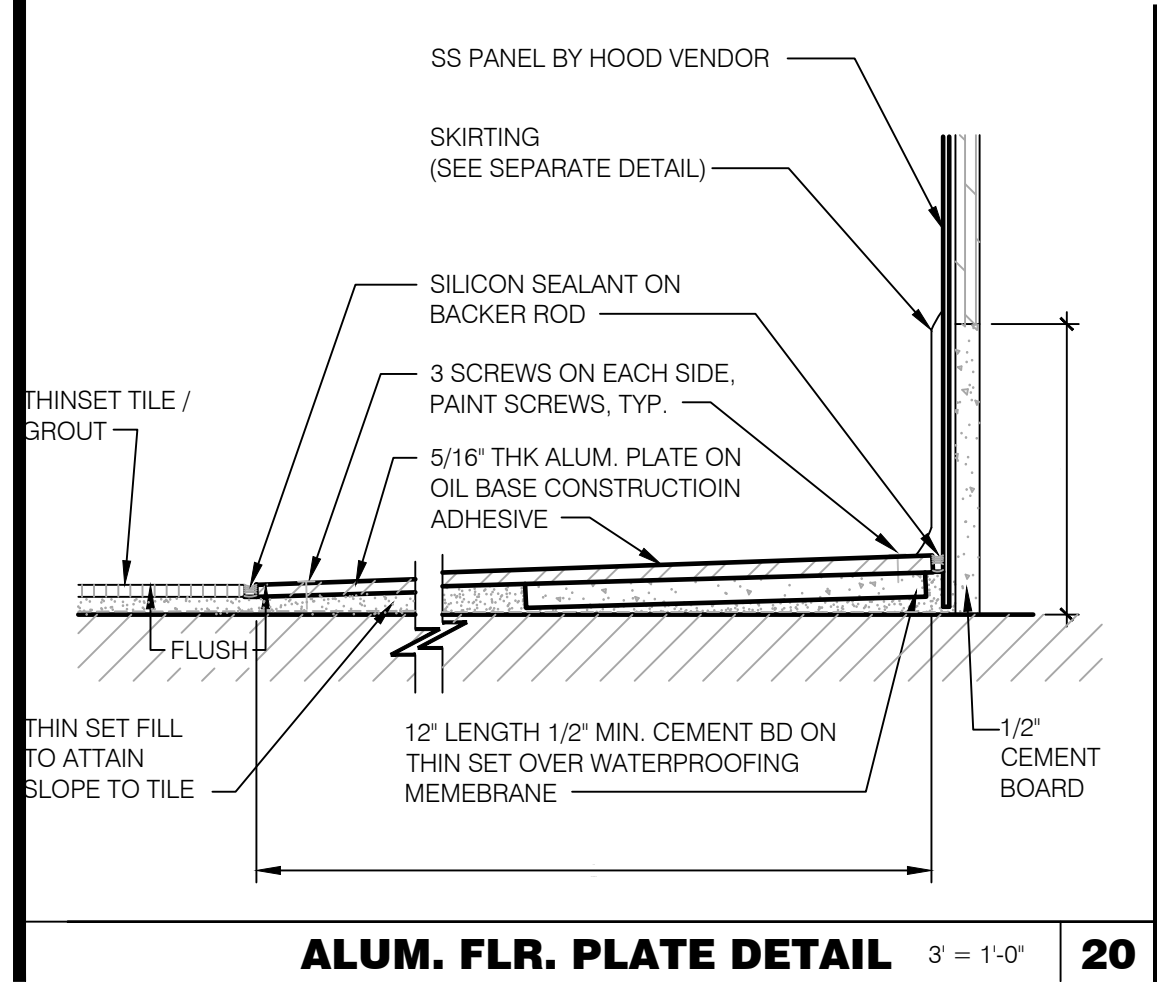
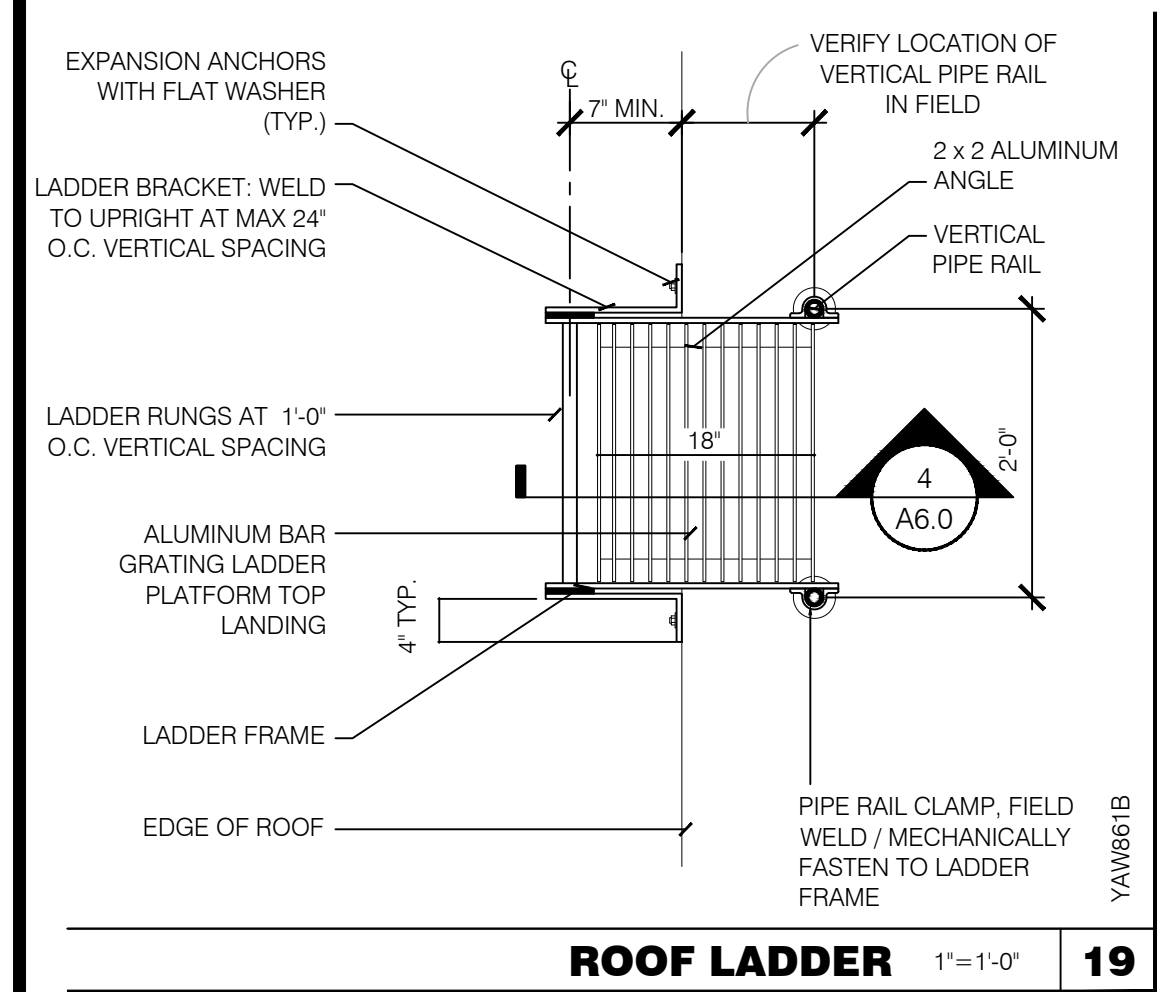
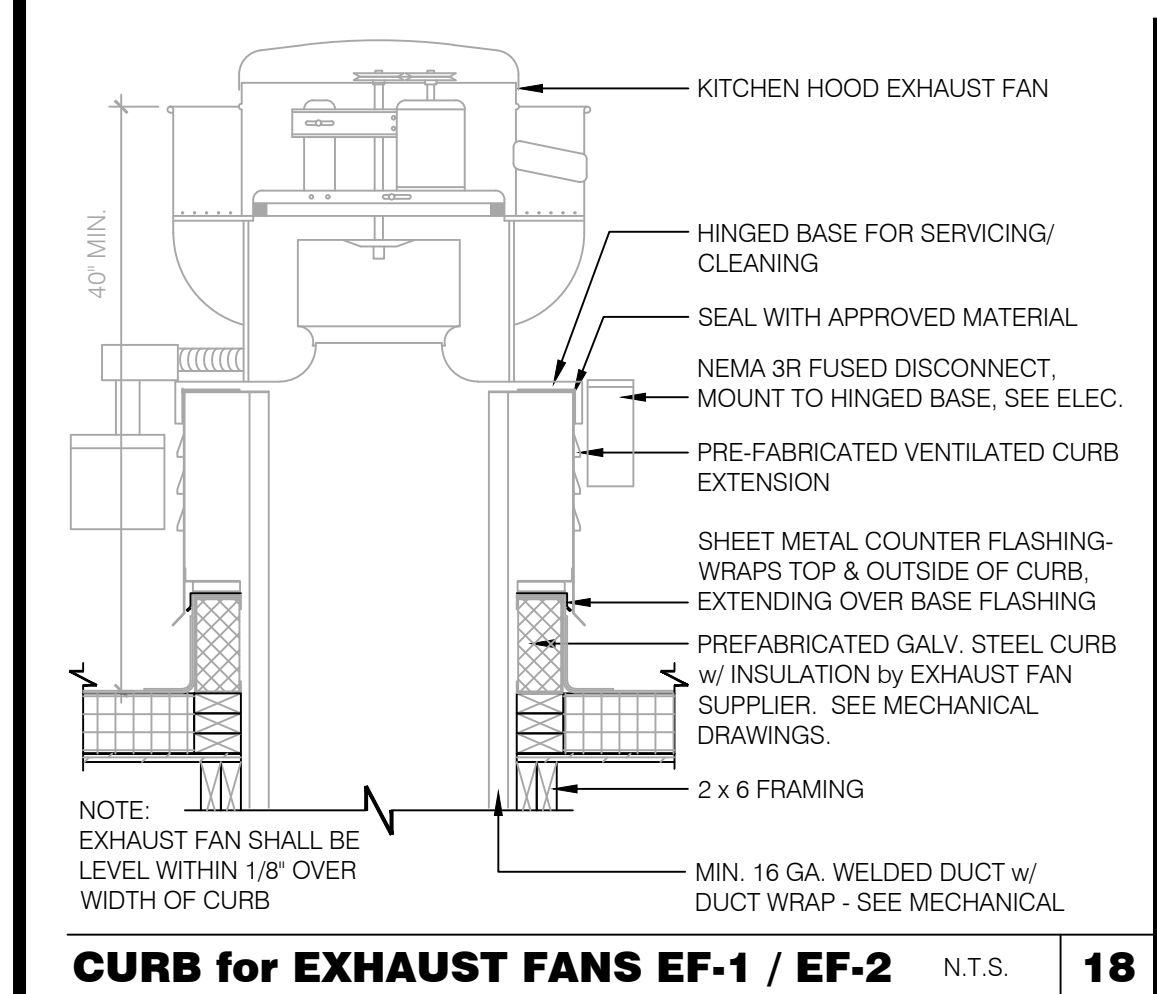
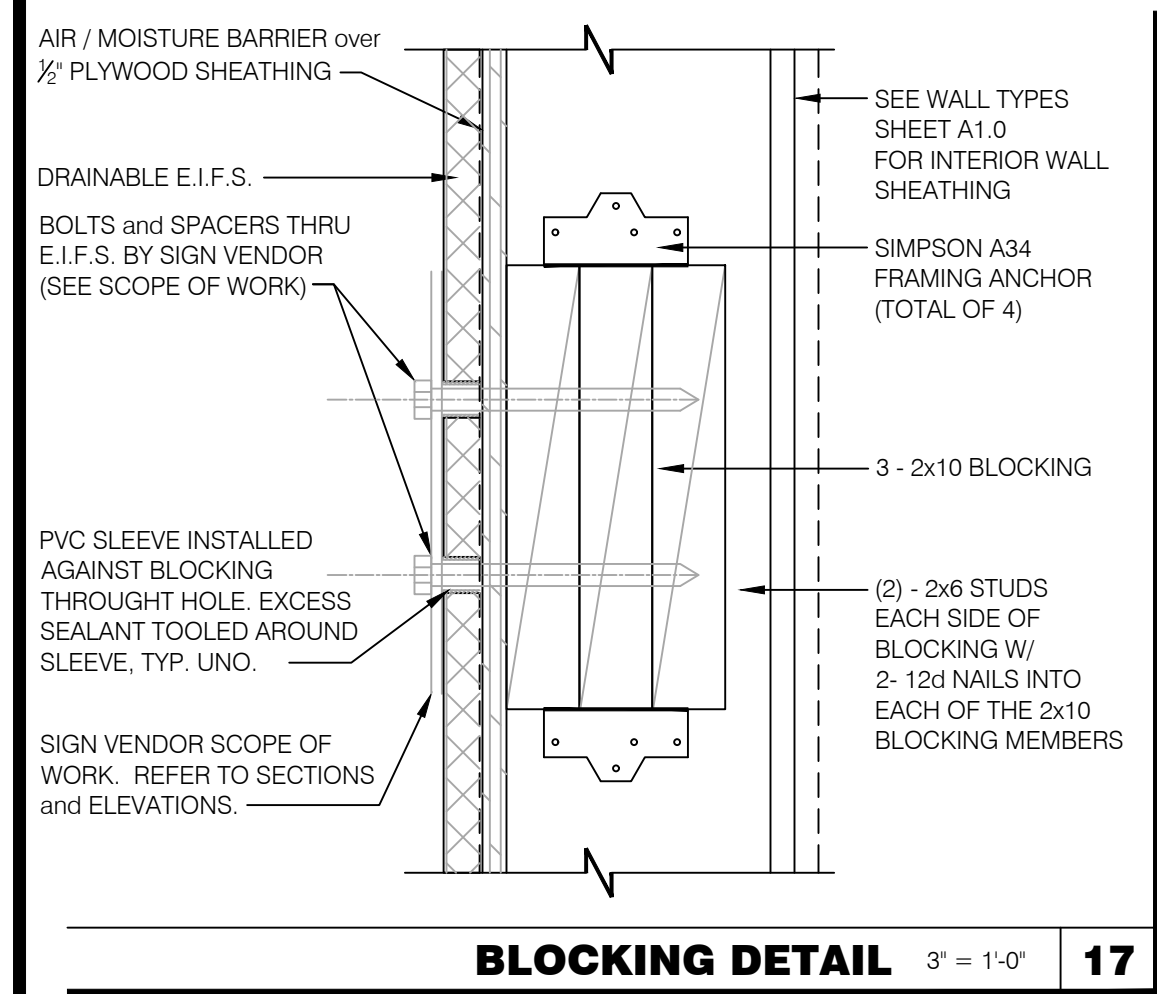


Kb 30-19

WALL SECTIONS

A5.2

PLOT DATE: --/--/2020



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PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

CONTRACT DATE: ...2019

BUILDING TYPE: Kb 30-19

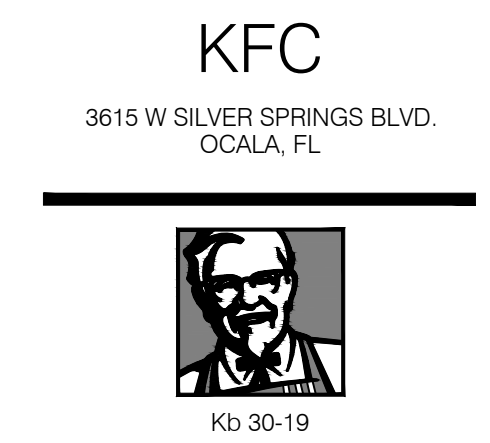
PLAN VERSION: 2018.A

SITE NUMBER:

ENTITY NUMBER:

STORE NUMBER:

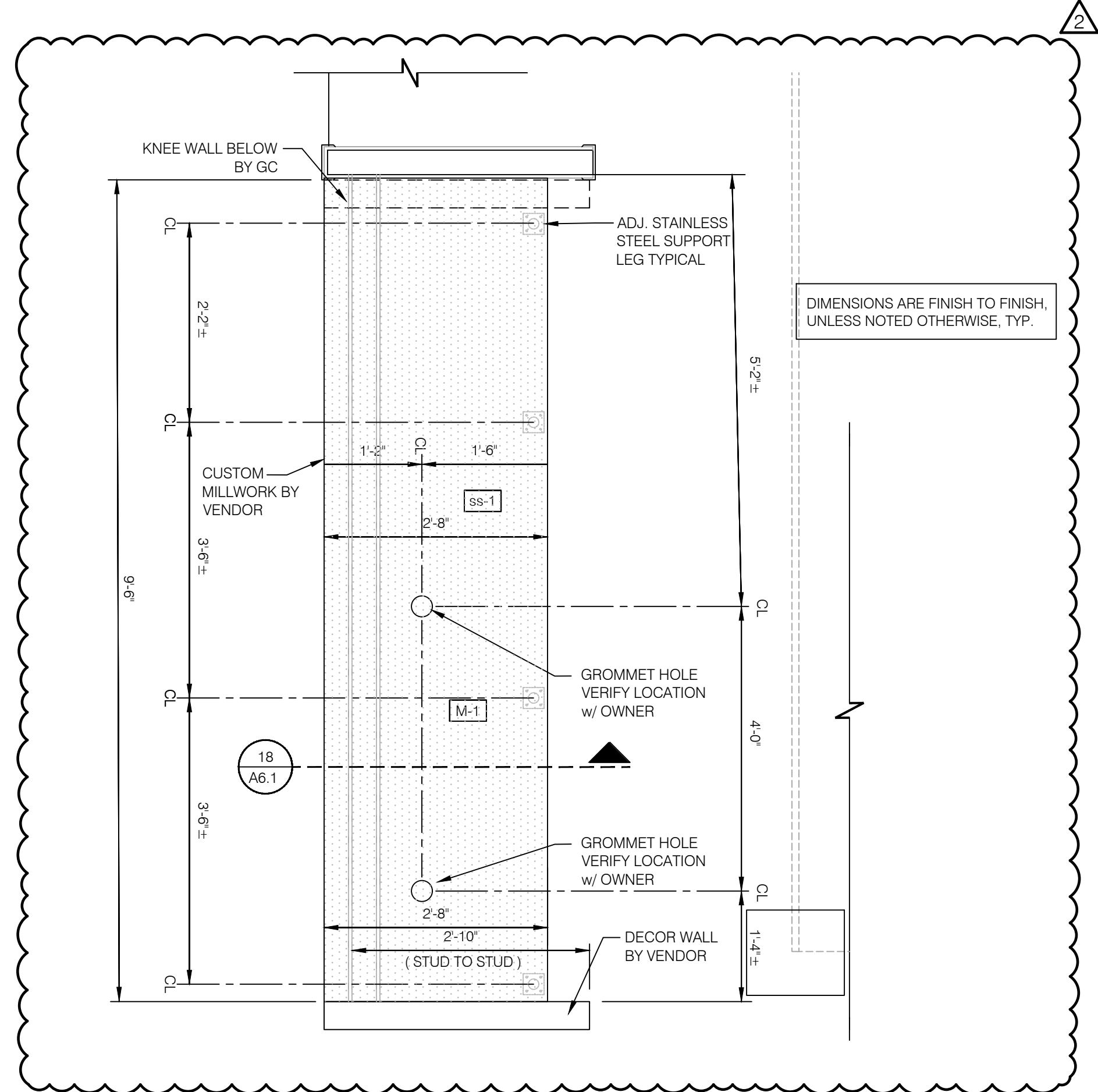
LIS PROJECT: 2019-304



CONSTRUCTION DETAILS

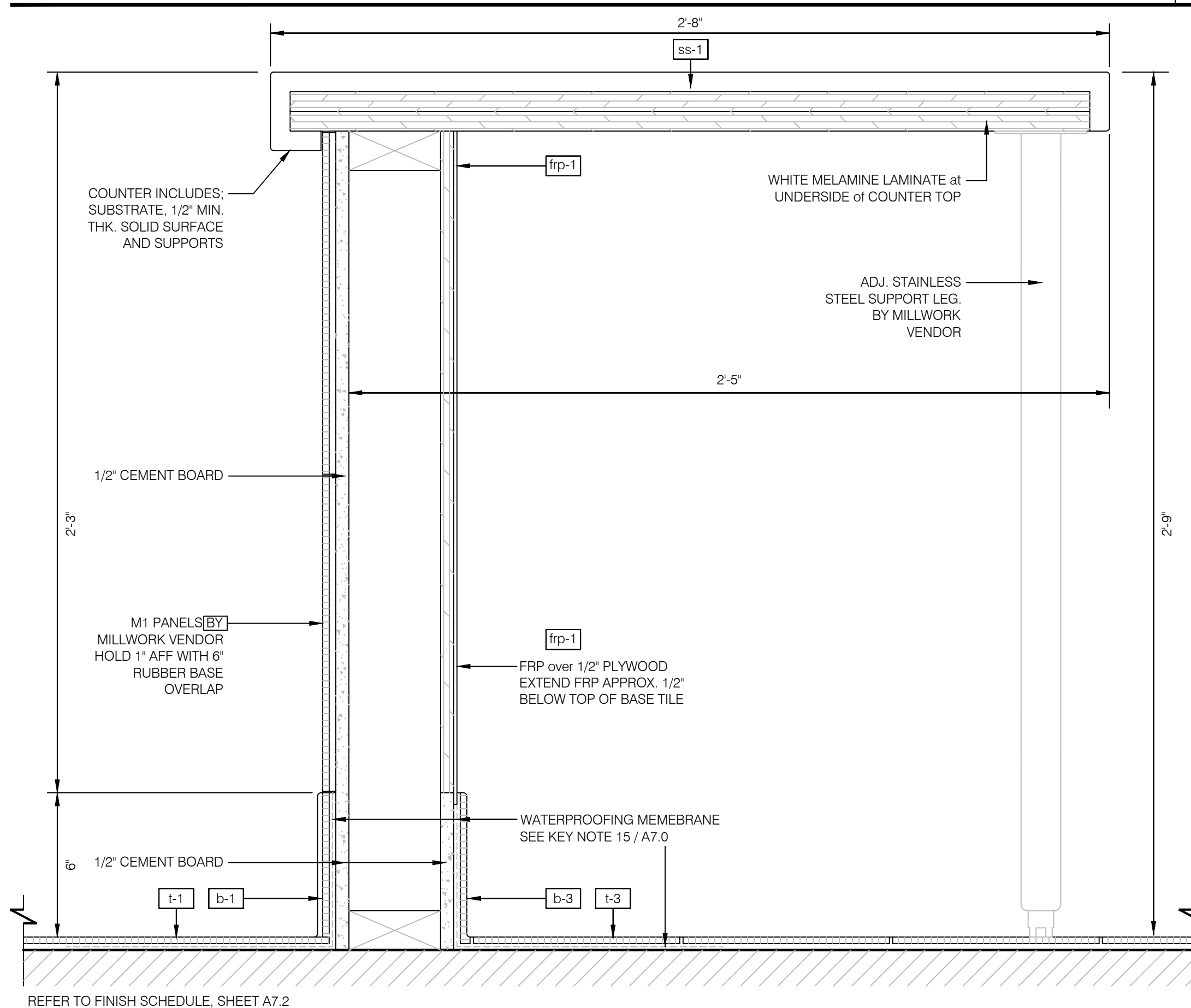
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PLLOT DATE: --/--/2020



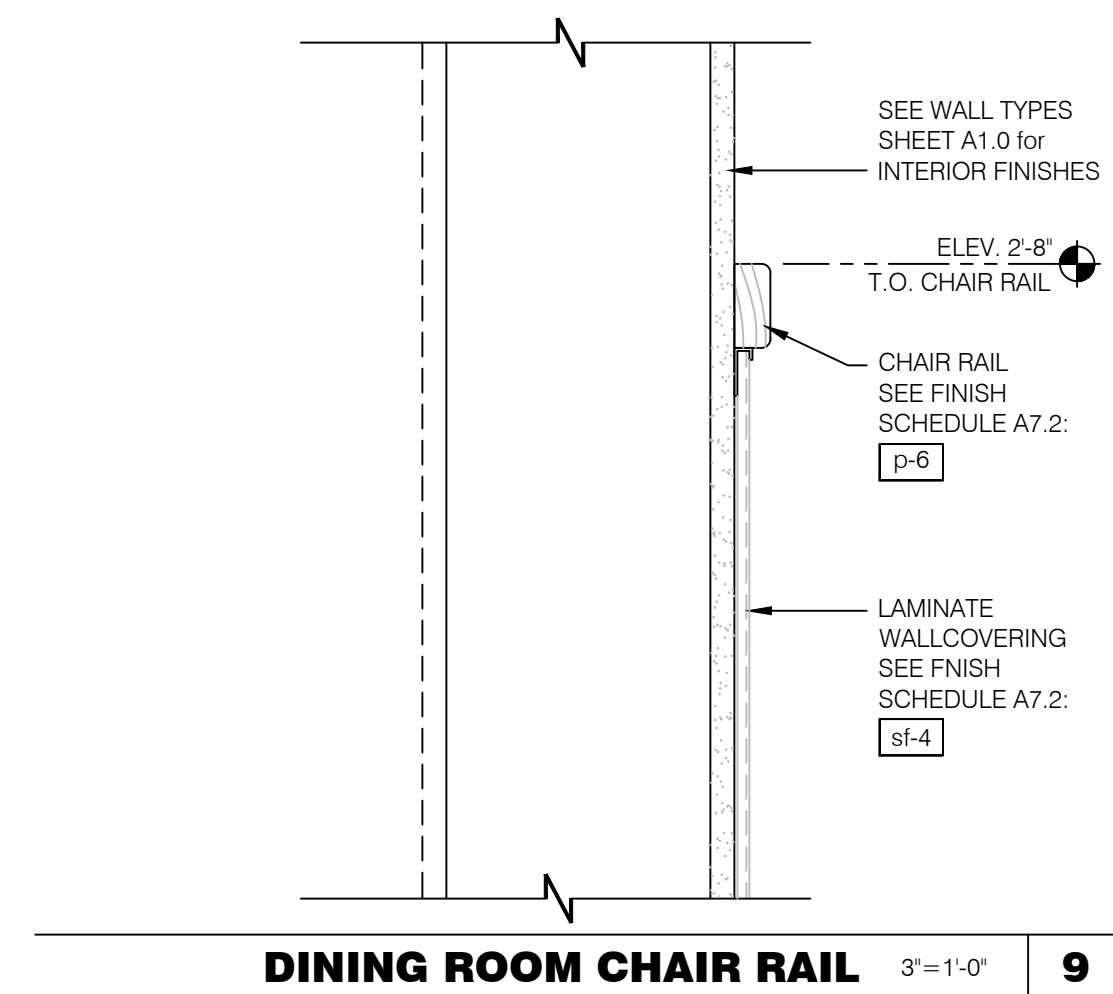
REFER TO FINISH SCHEDULE, SHEET A7.2: [ss-1]

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

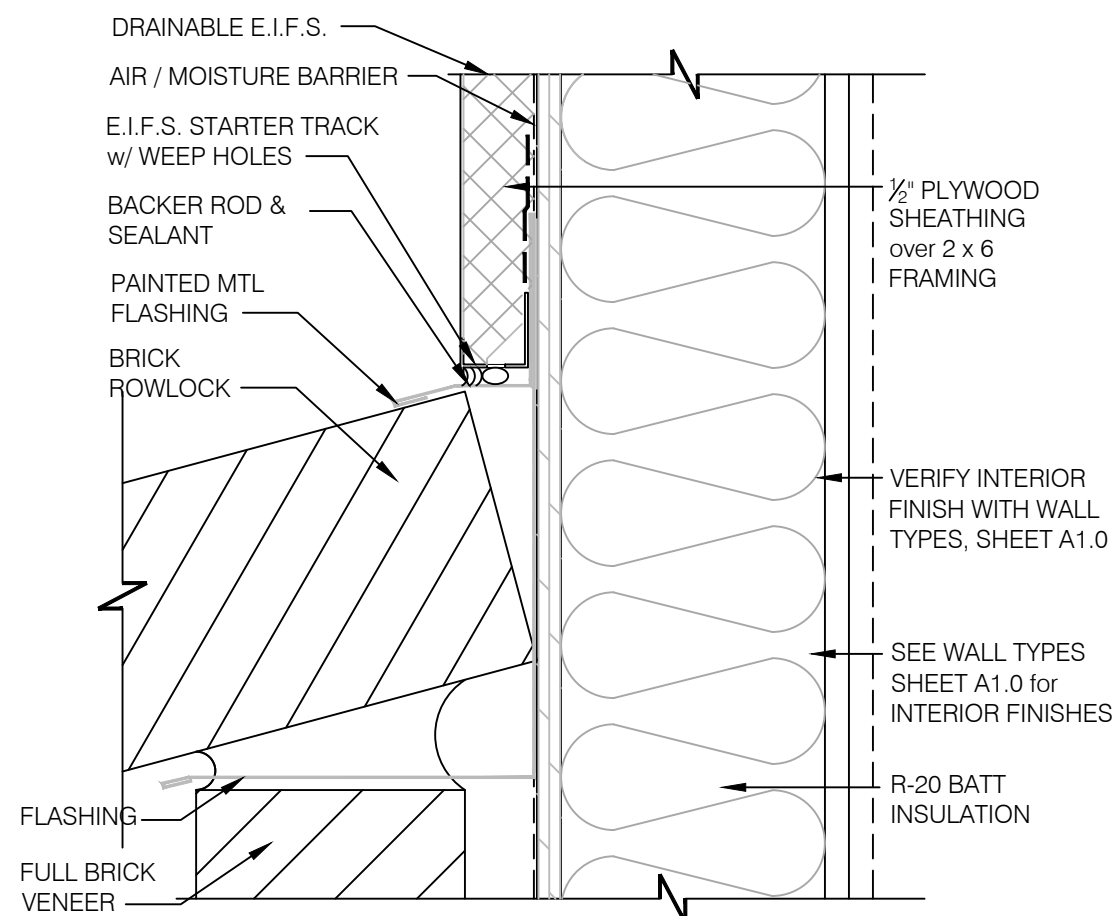


REFER TO FINISH SCHEDULE, SHEET A7.2

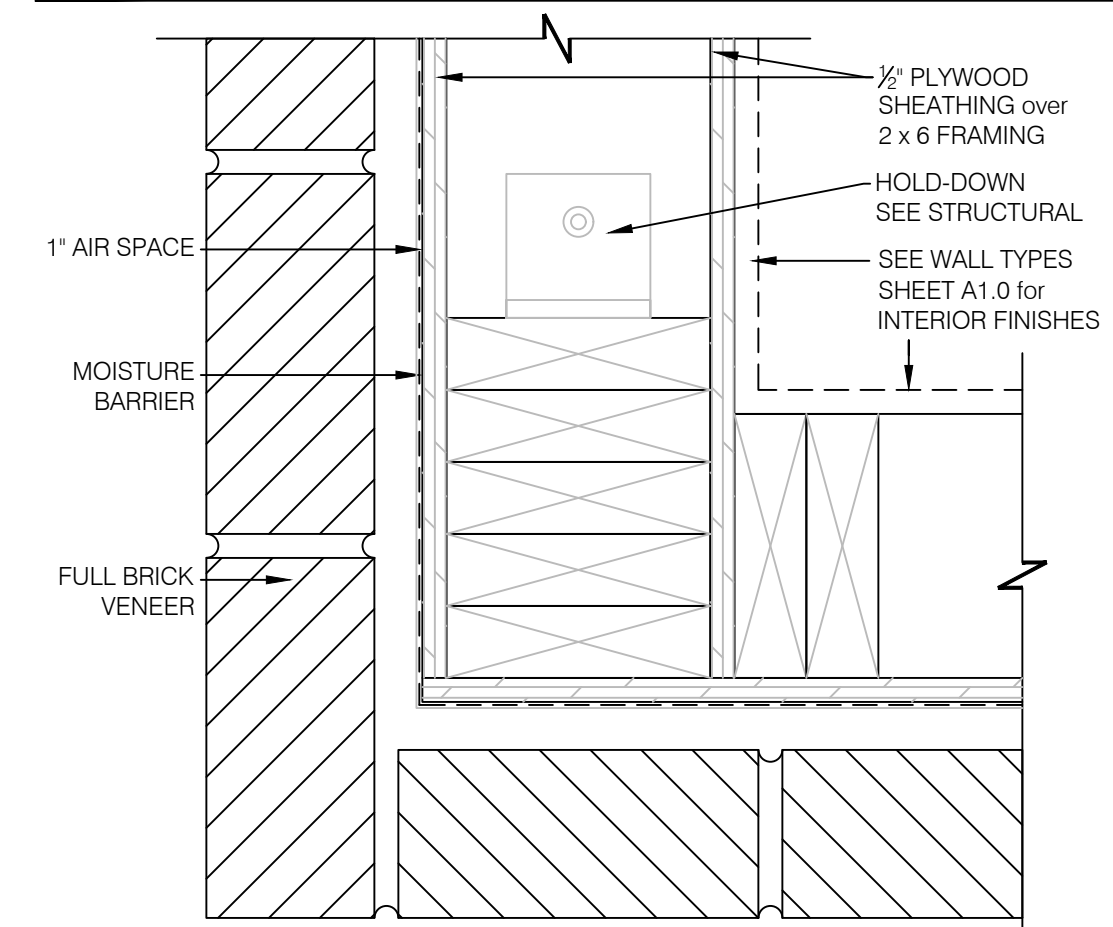
TYPICAL CUSTOMER COUNTER SECTION 3" = 1'-0" 18



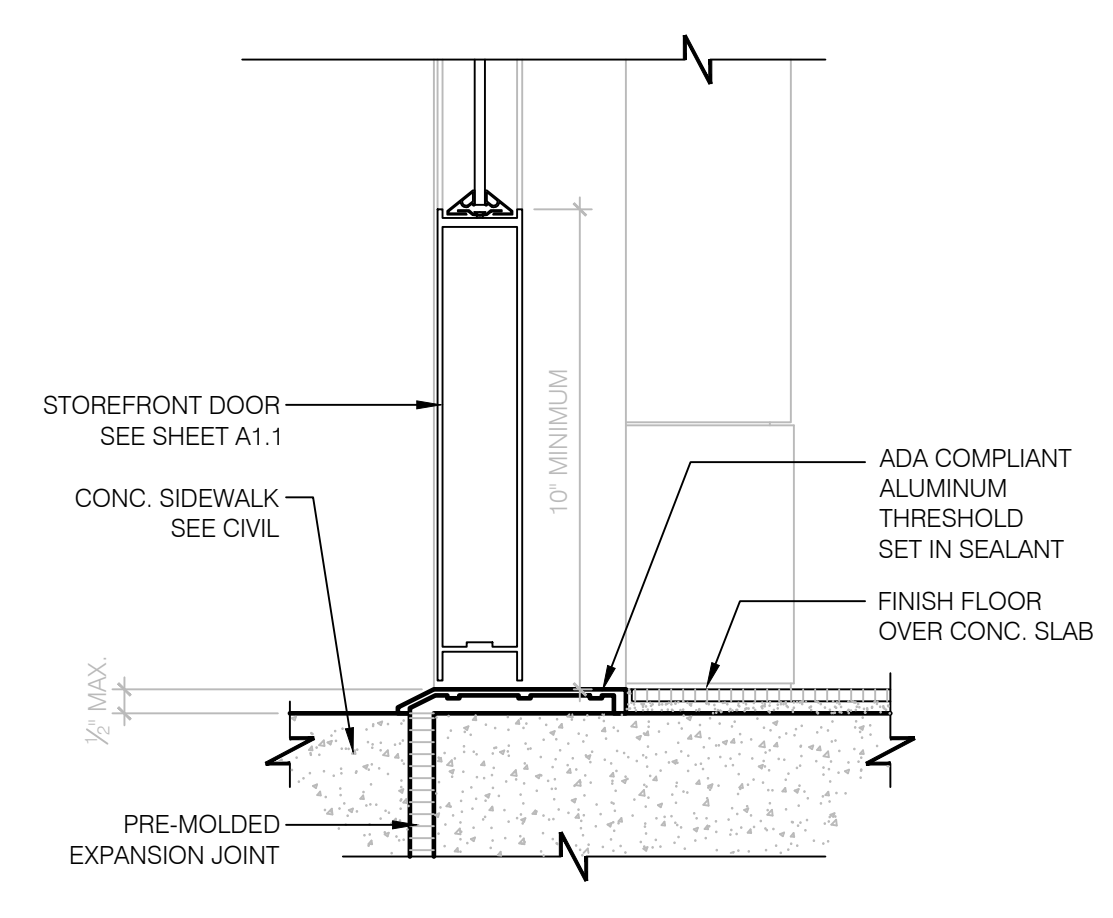
DINING ROOM CHAIR RAIL 3" = 1'-0" 9



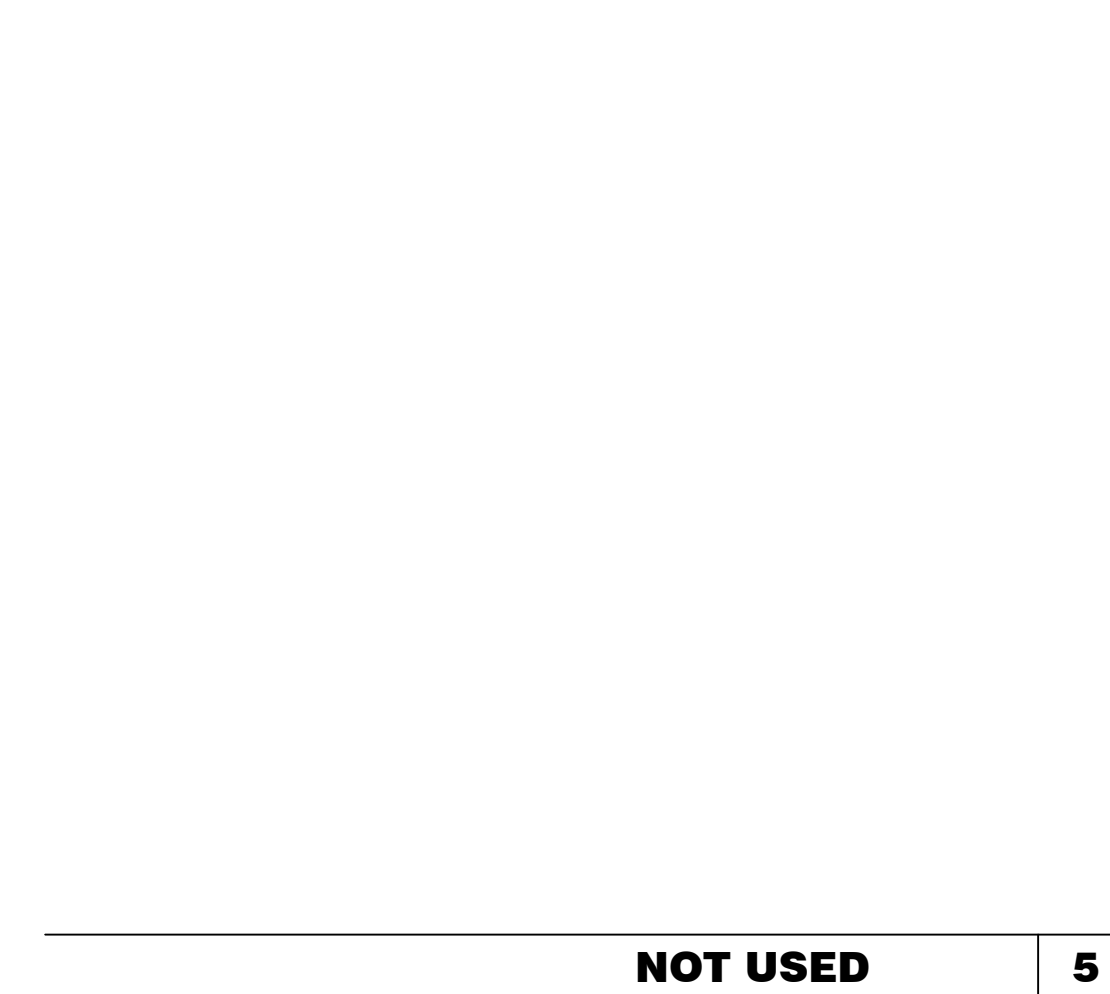
E.I.F.S. to THIN BRICK TRANSITION 3" = 1'-0" 10



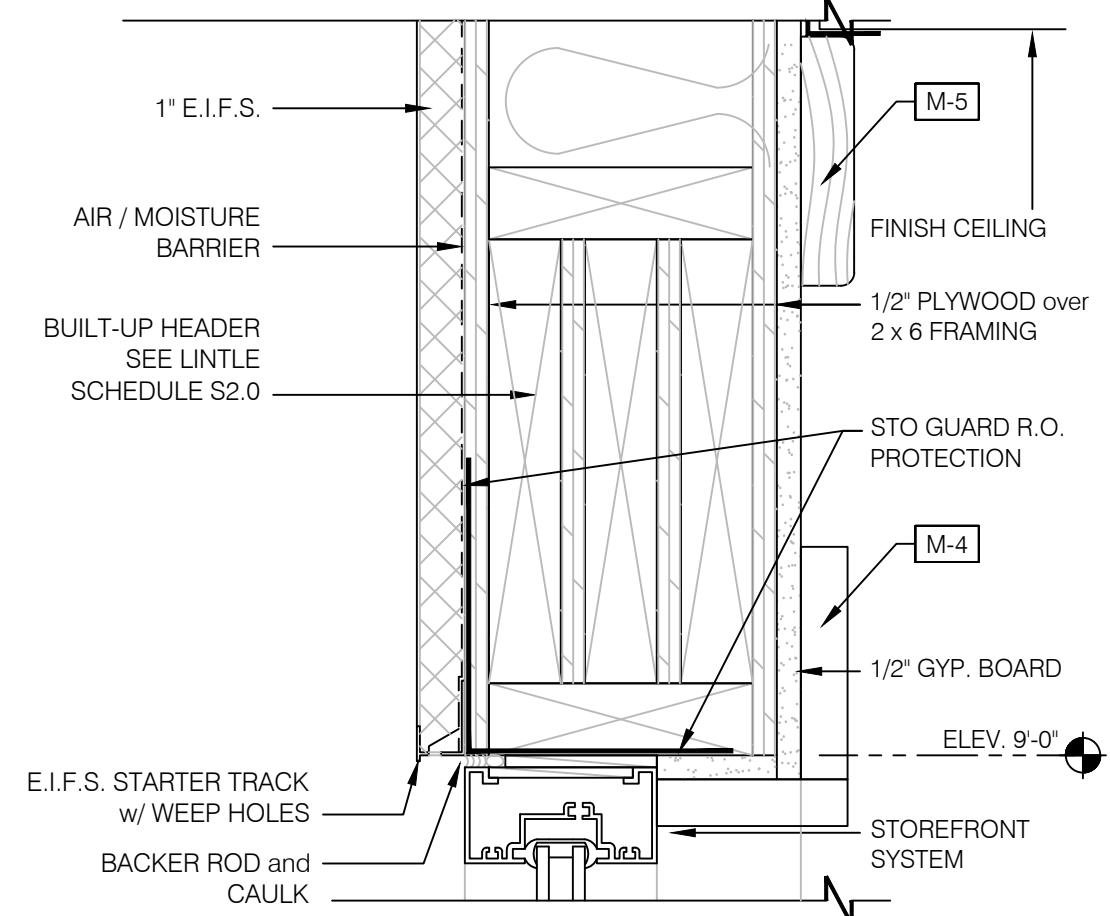
TYPICAL THIN BRICK CORNER 3" = 1'-0" 11



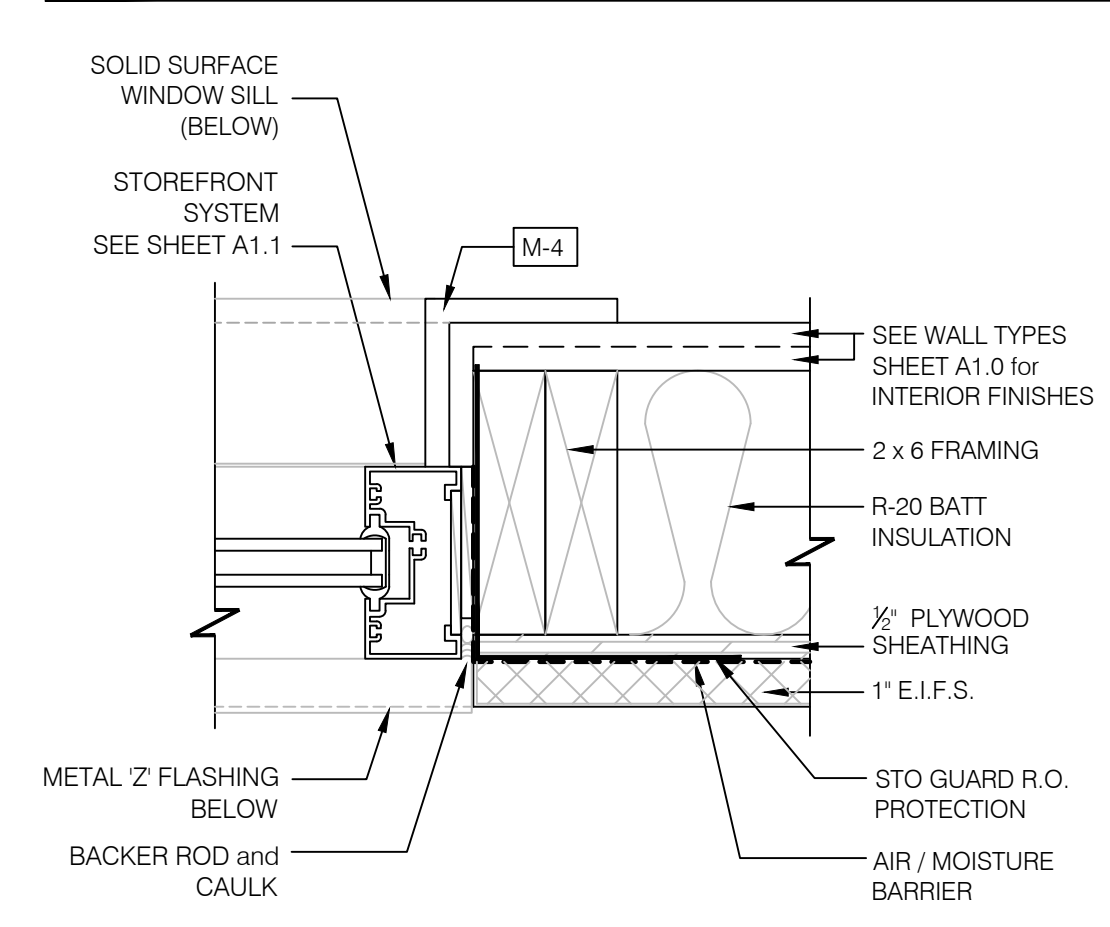
THRESHOLD at STOREFRONT DOOR 3" = 1'-0" 12



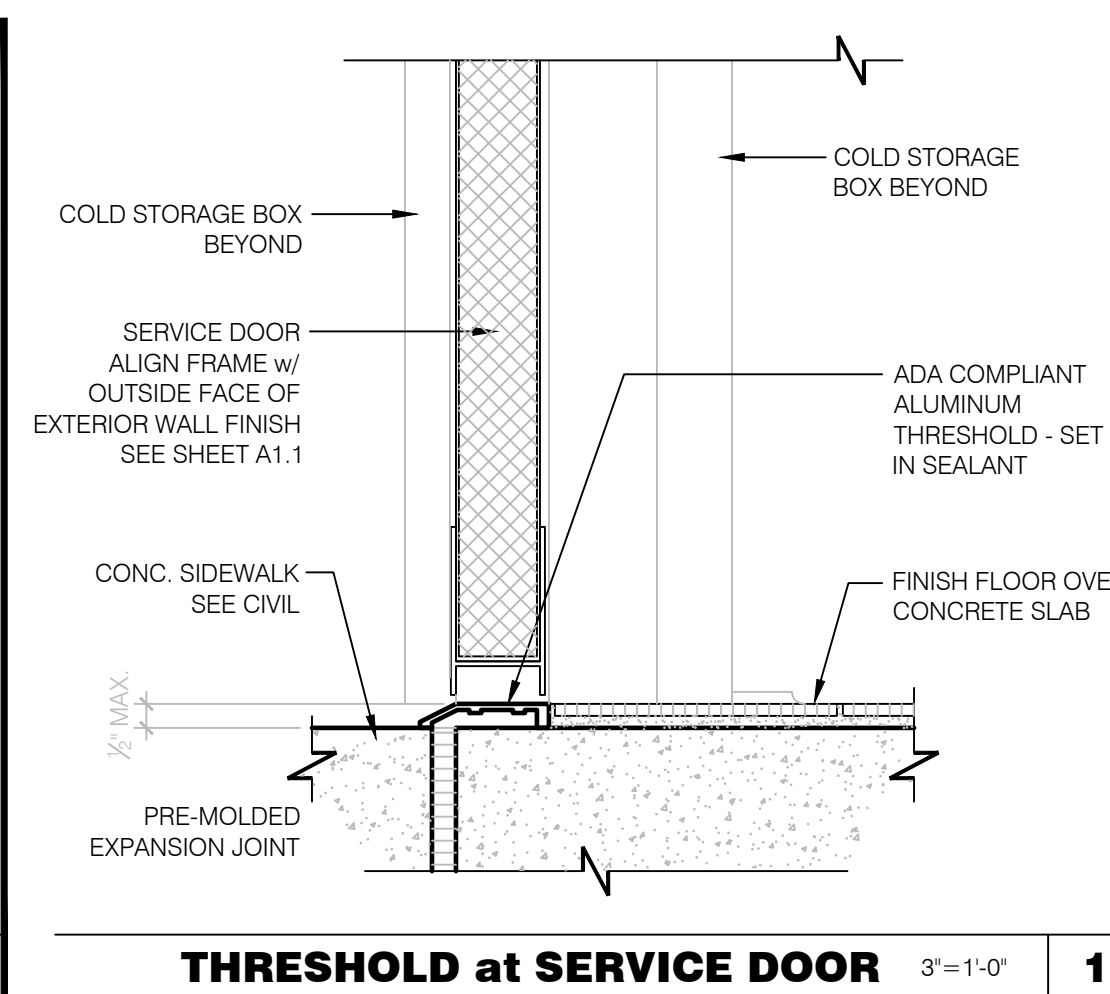
WINDOW HEAD at DINING (FRONT) 3" = 1'-0" 6



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



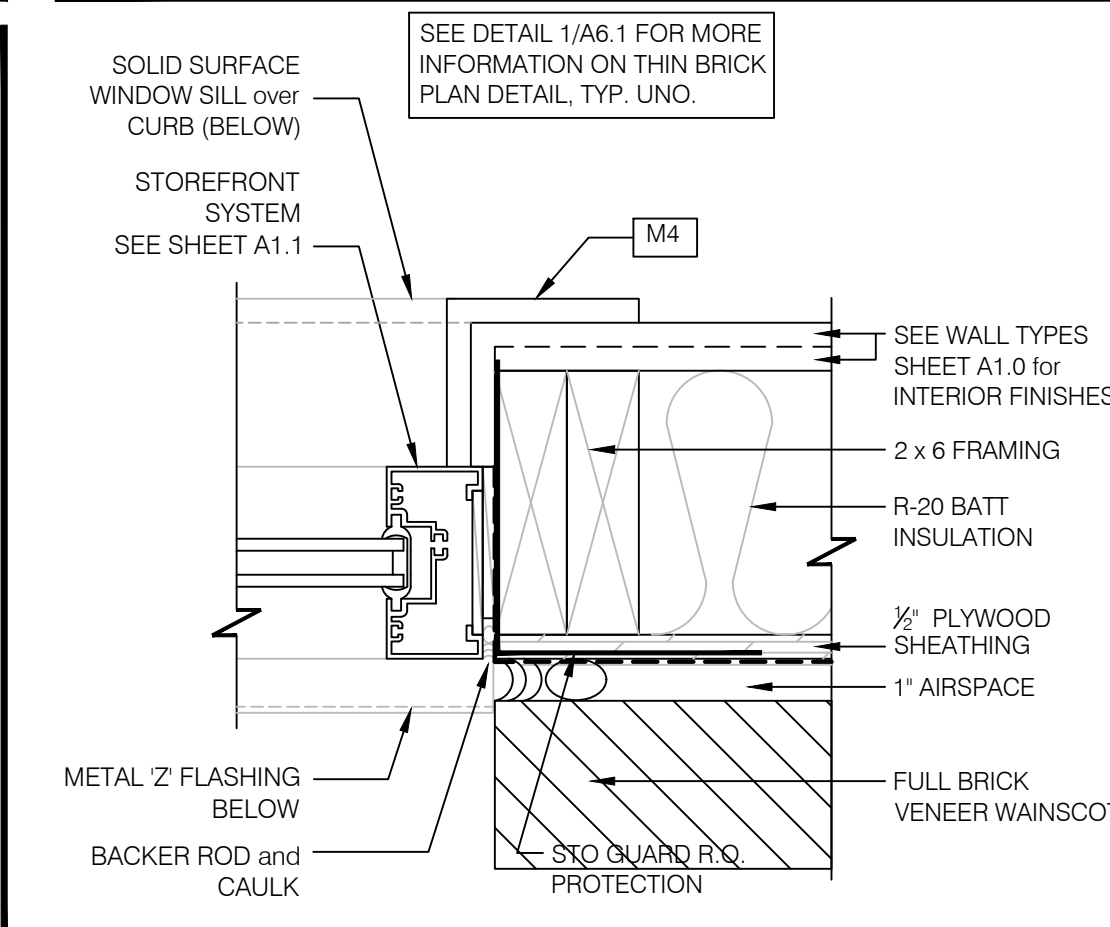
WINDOW SILL at DRIVE THRU 3" = 1'-0" 8



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



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



FLASHING at TOP OF WALK-IN 3" = 1'-0" 4

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HAROLD DANIEL HUTTER III
FL. REG. AR98913

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

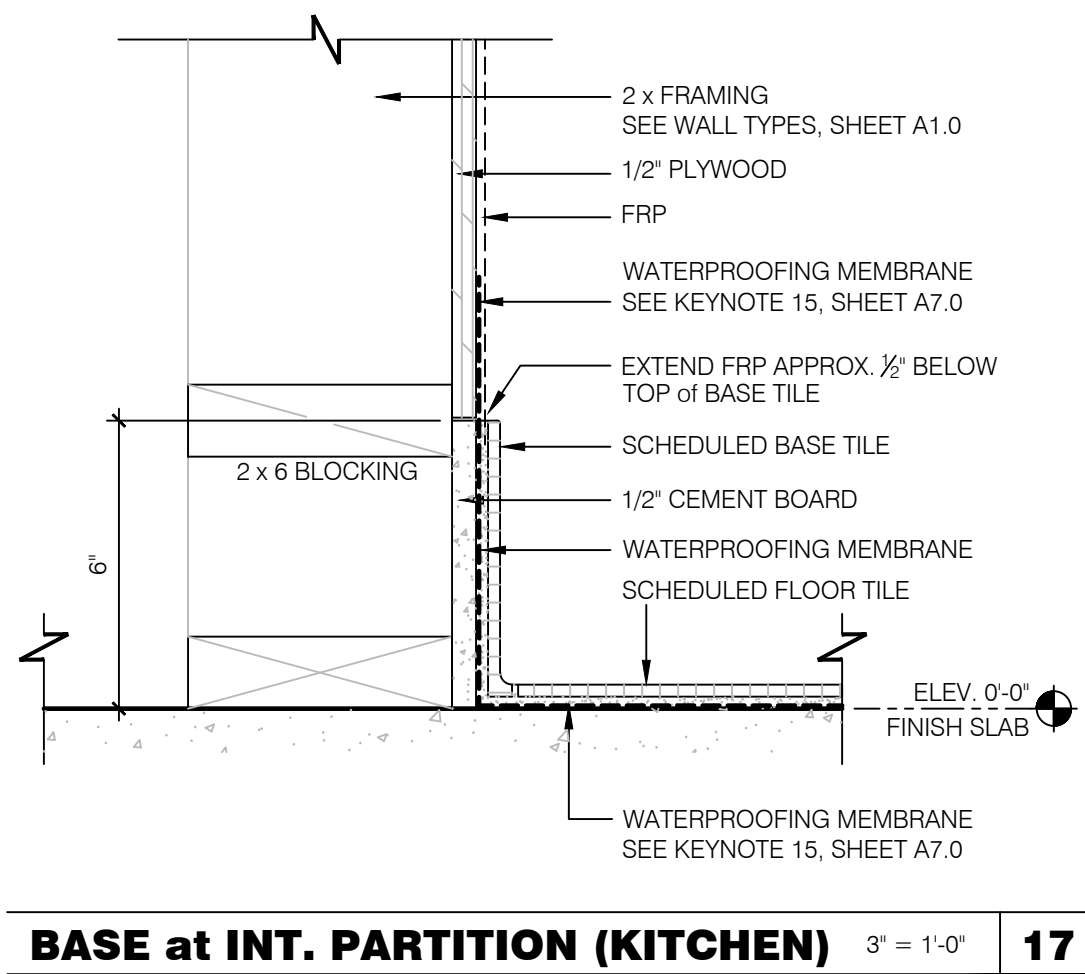
KFC
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Kb 30-19

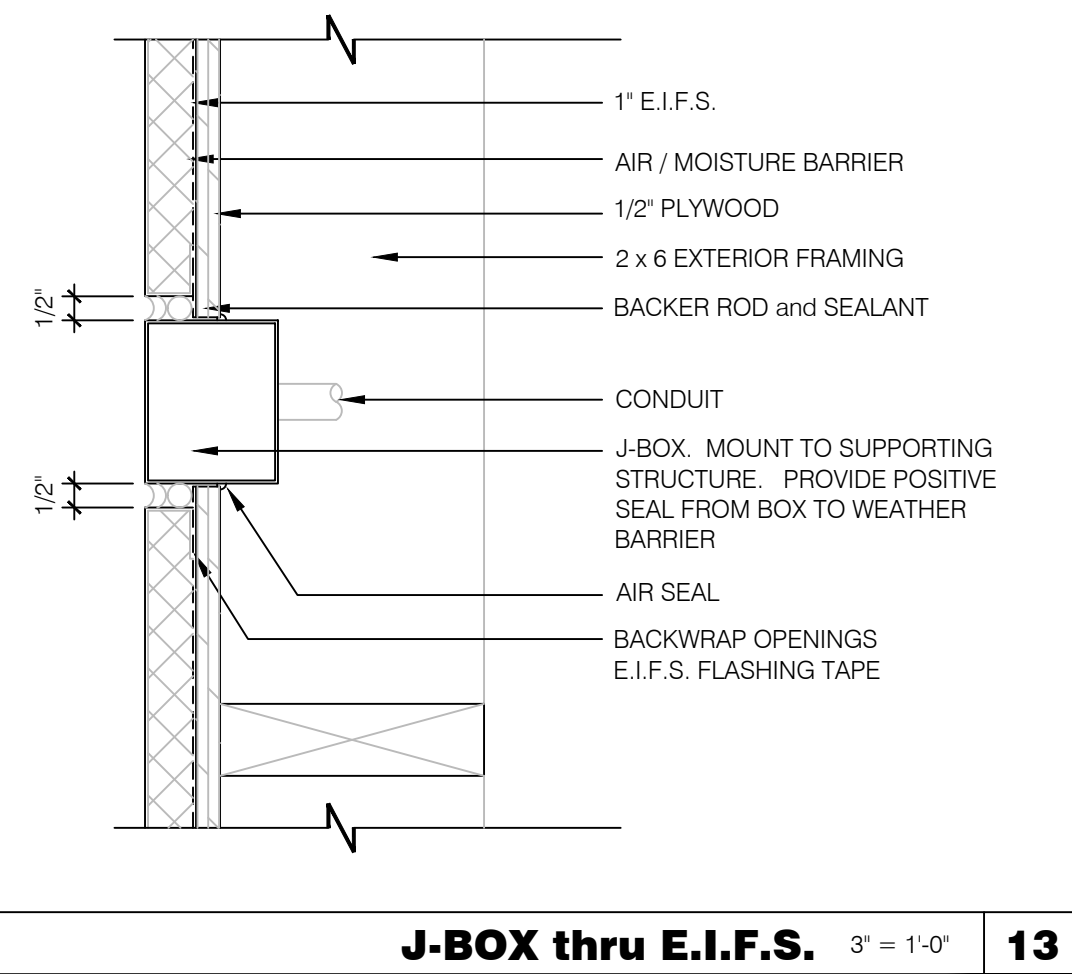
CONSTRUCTION DETAILS

A6.1

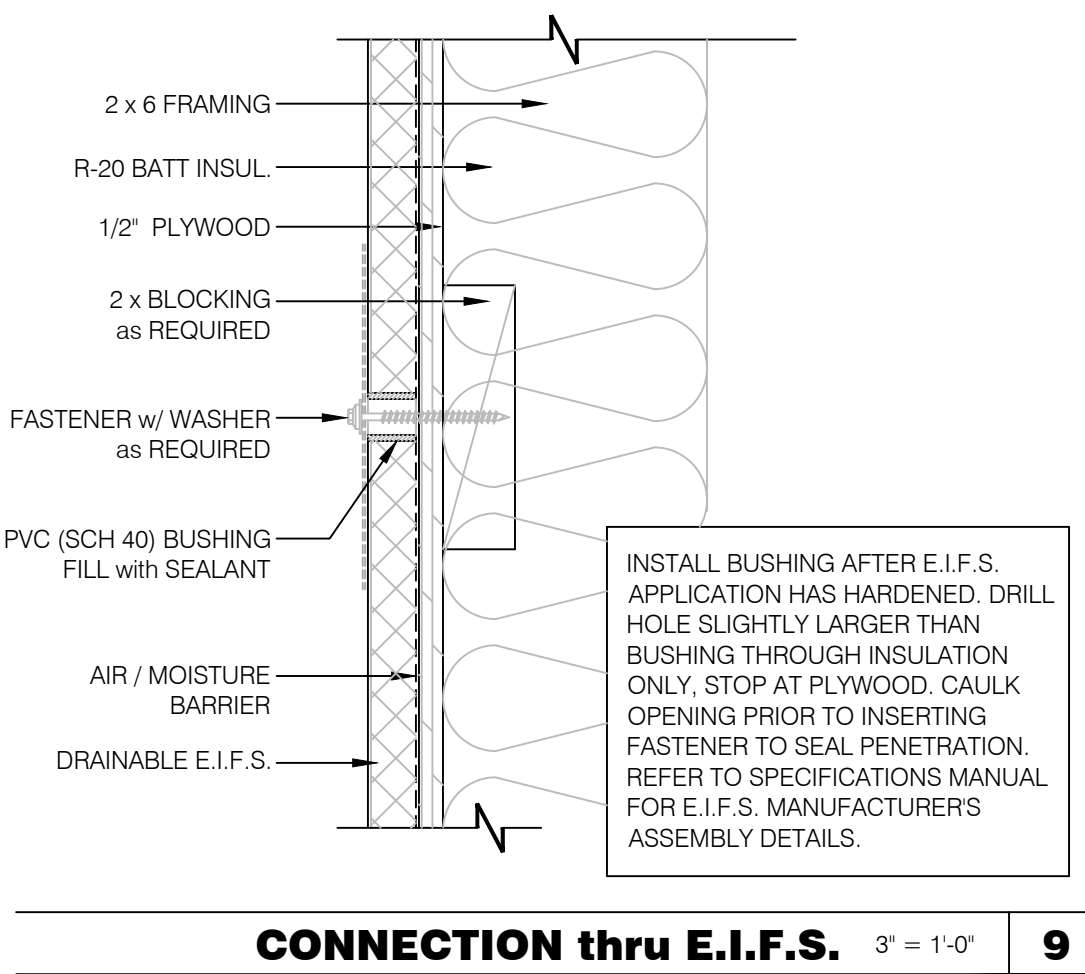
PLOT DATE: --/--/2020



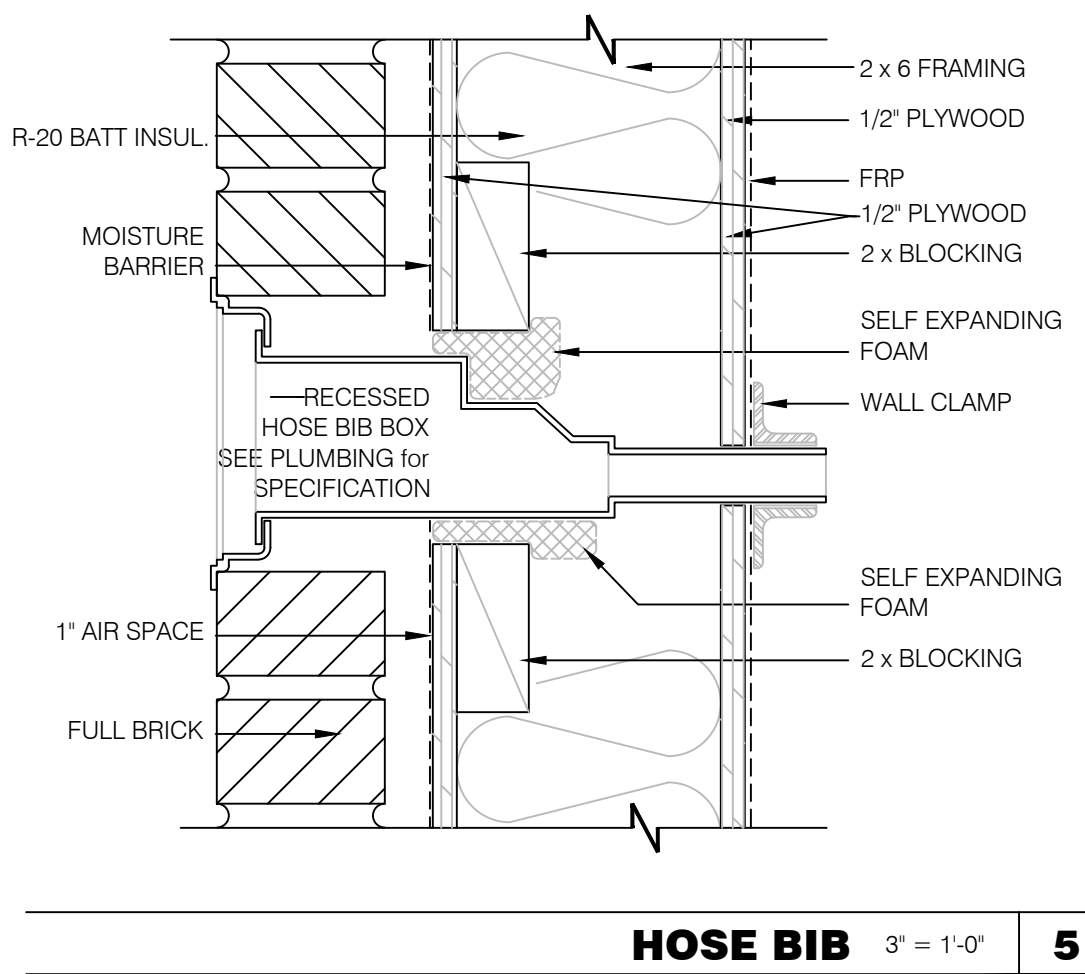
BASE at INT. PARTITION (KITCHEN) 3' = 1'-0" **17**



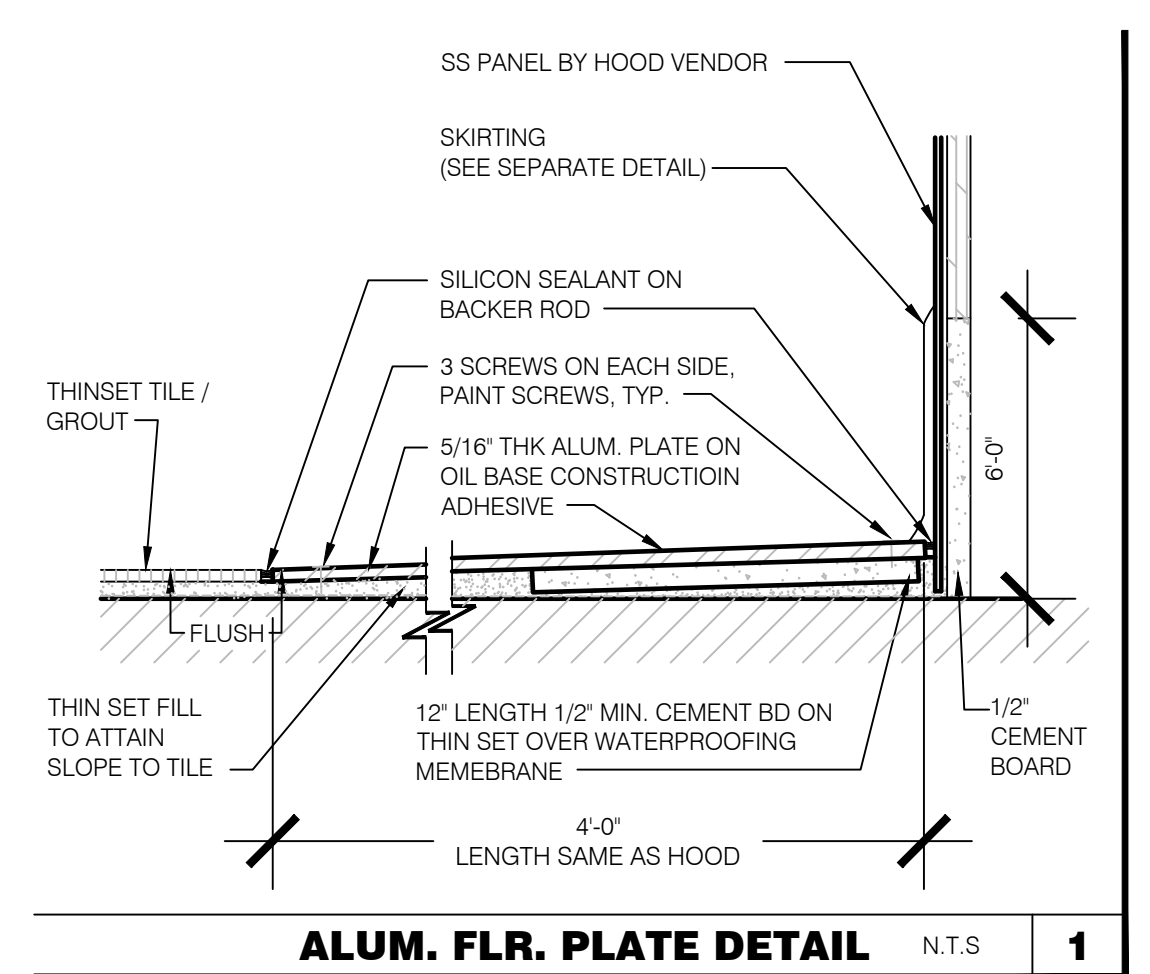
J-BOX thru E.I.F.S. 3' = 1'-0" **13**



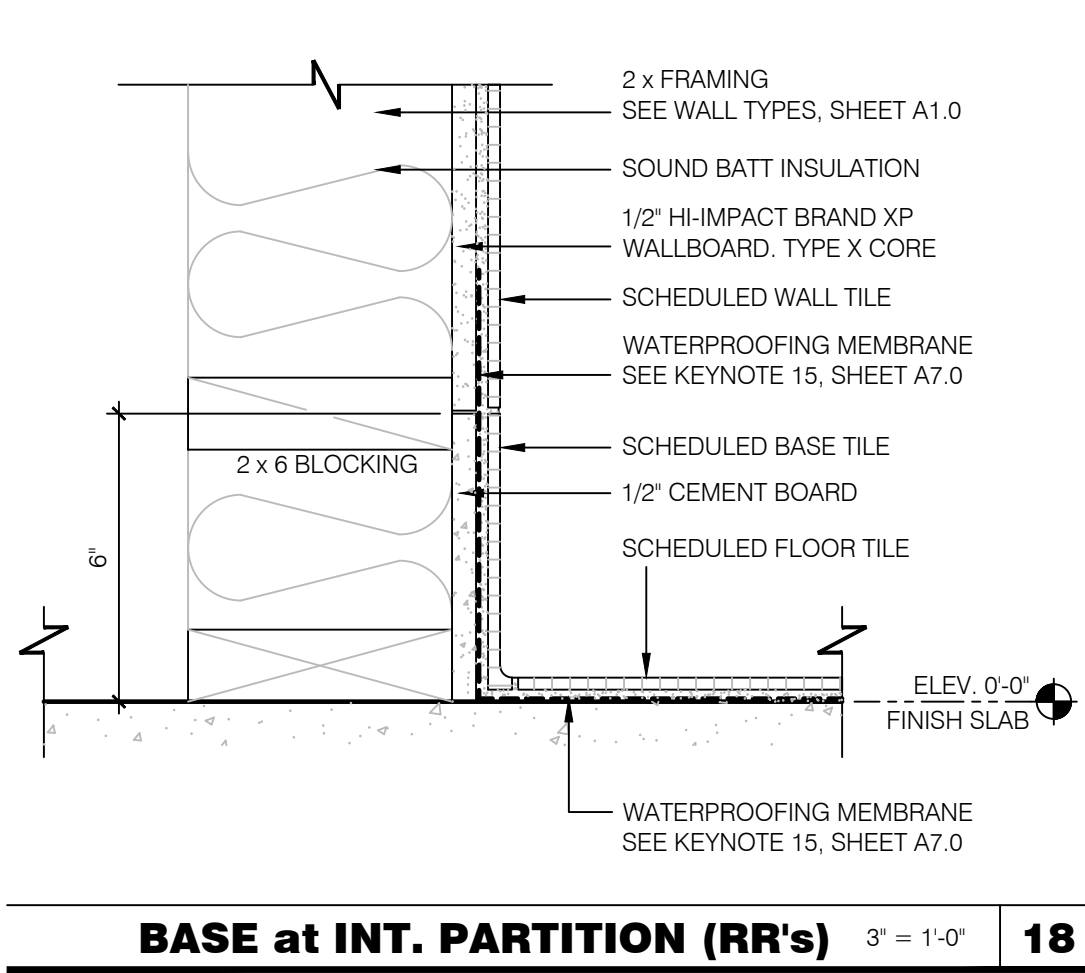
CONNECTION thru E.I.F.S. 3' = 1'-0" **9**



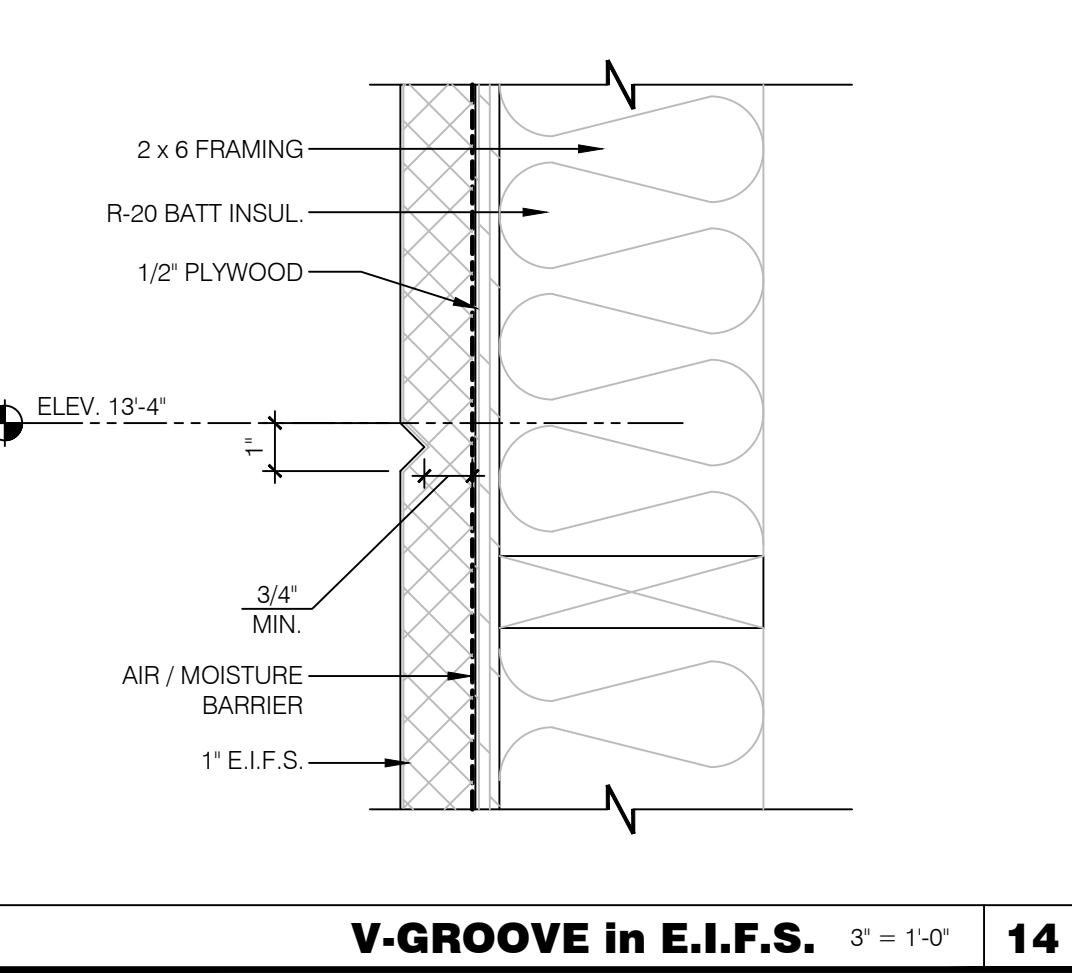
HOSE BIB 3' = 1'-0" **5**



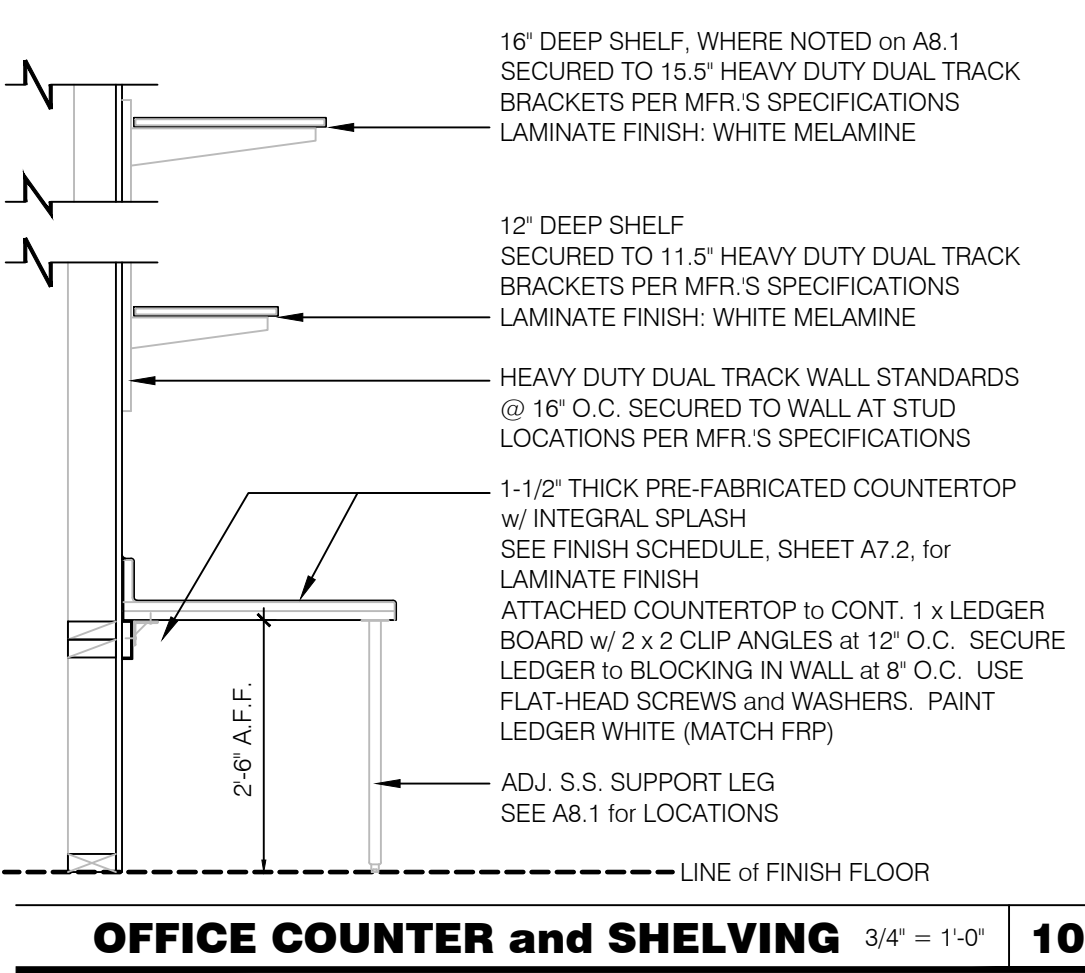
ALUM. FLR. PLATE DETAIL N.T.S. **1**



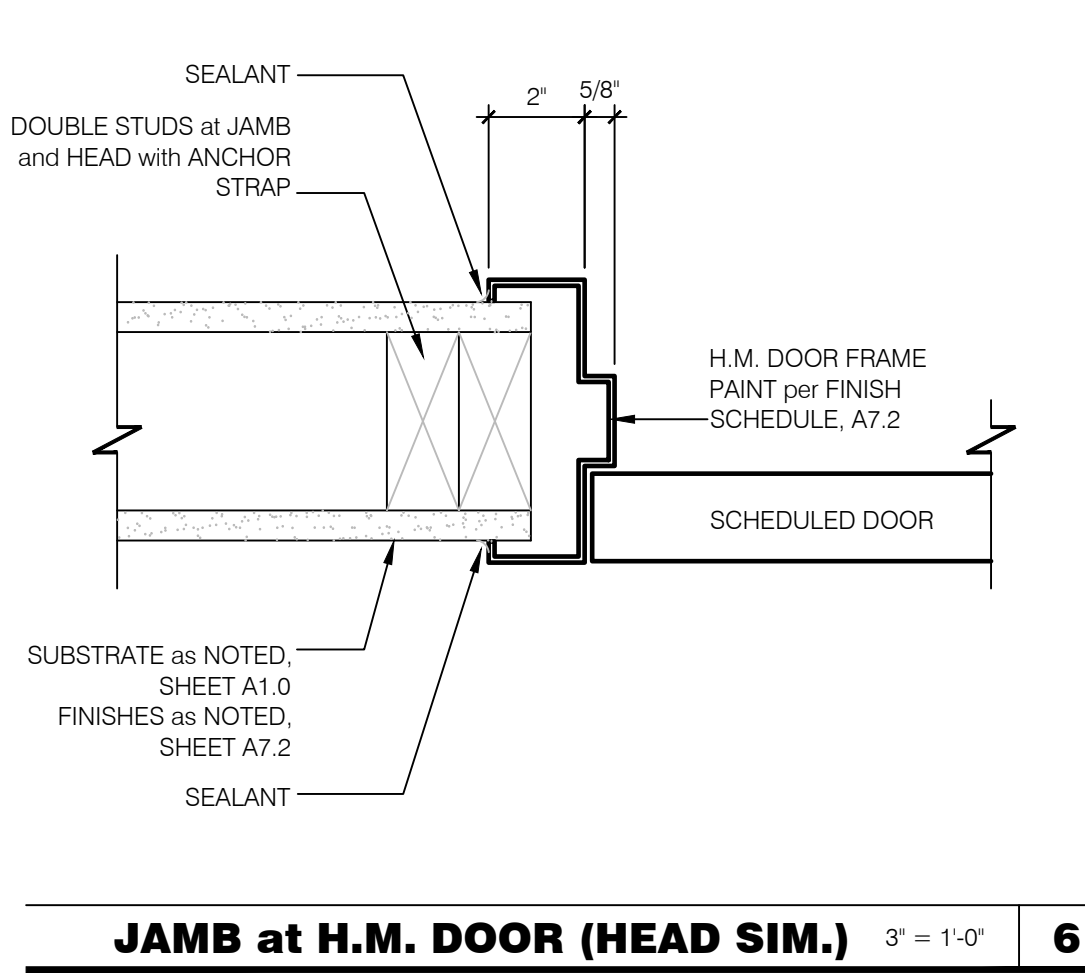
BASE at INT. PARTITION (RR's) 3' = 1'-0" **18**



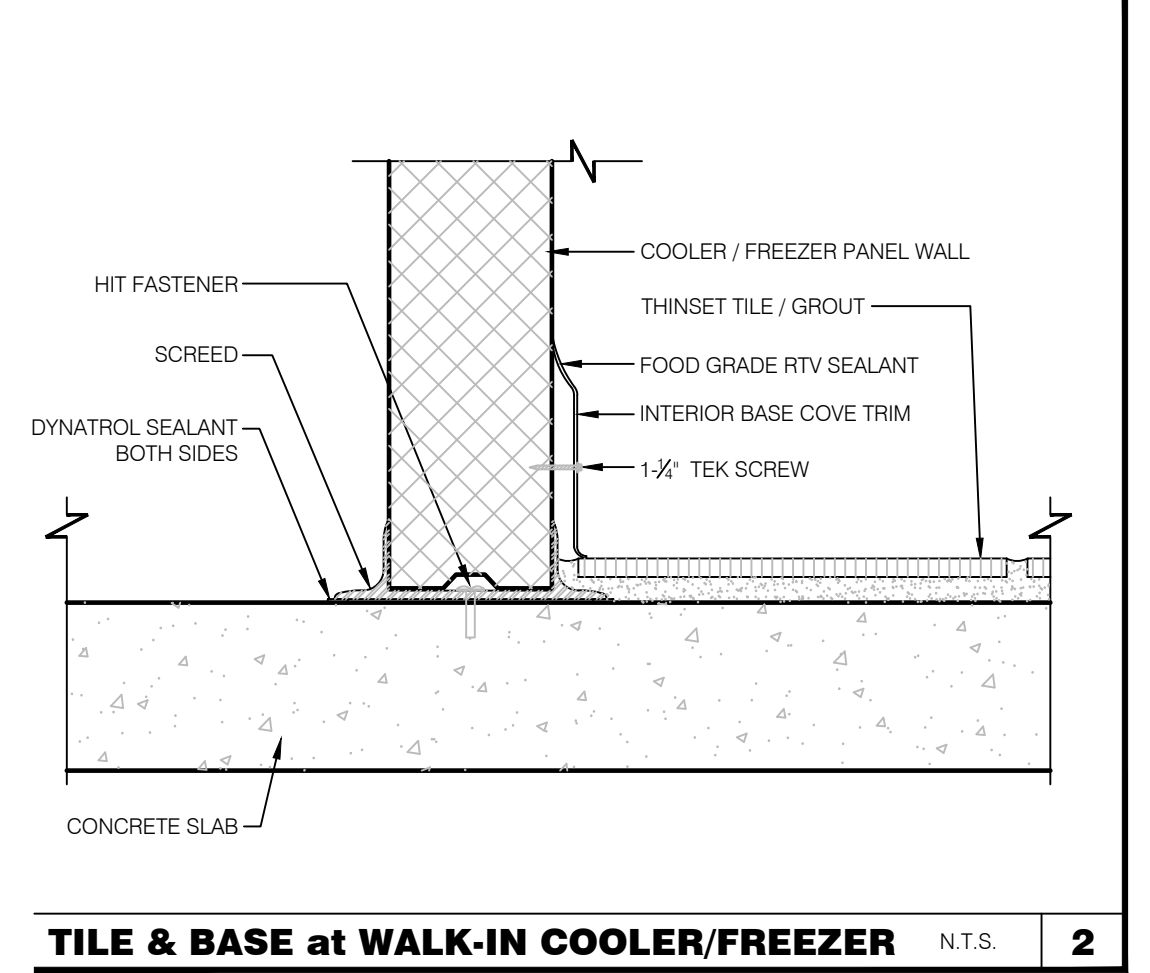
V-GROOVE in E.I.F.S. 3' = 1'-0" **14**



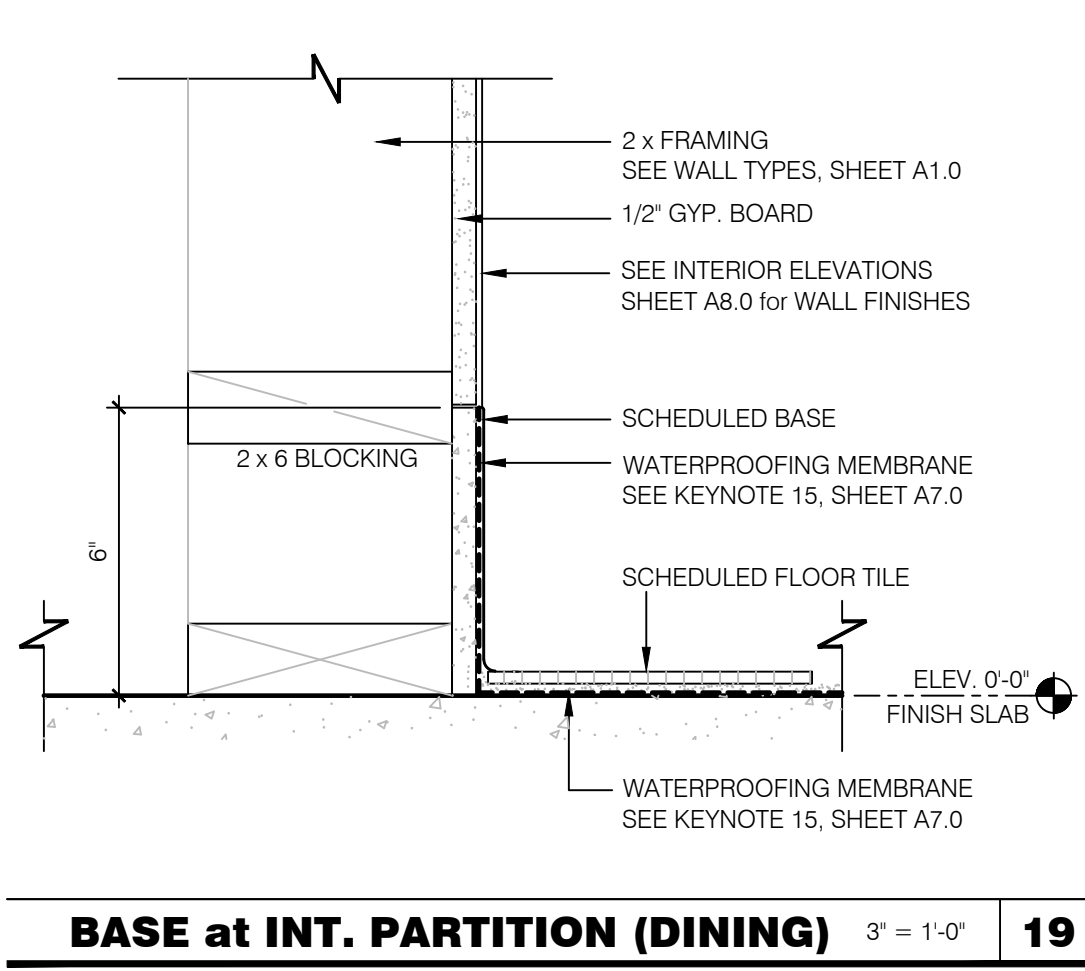
OFFICE COUNTER and SHELVING 3/4' = 1'-0" **10**



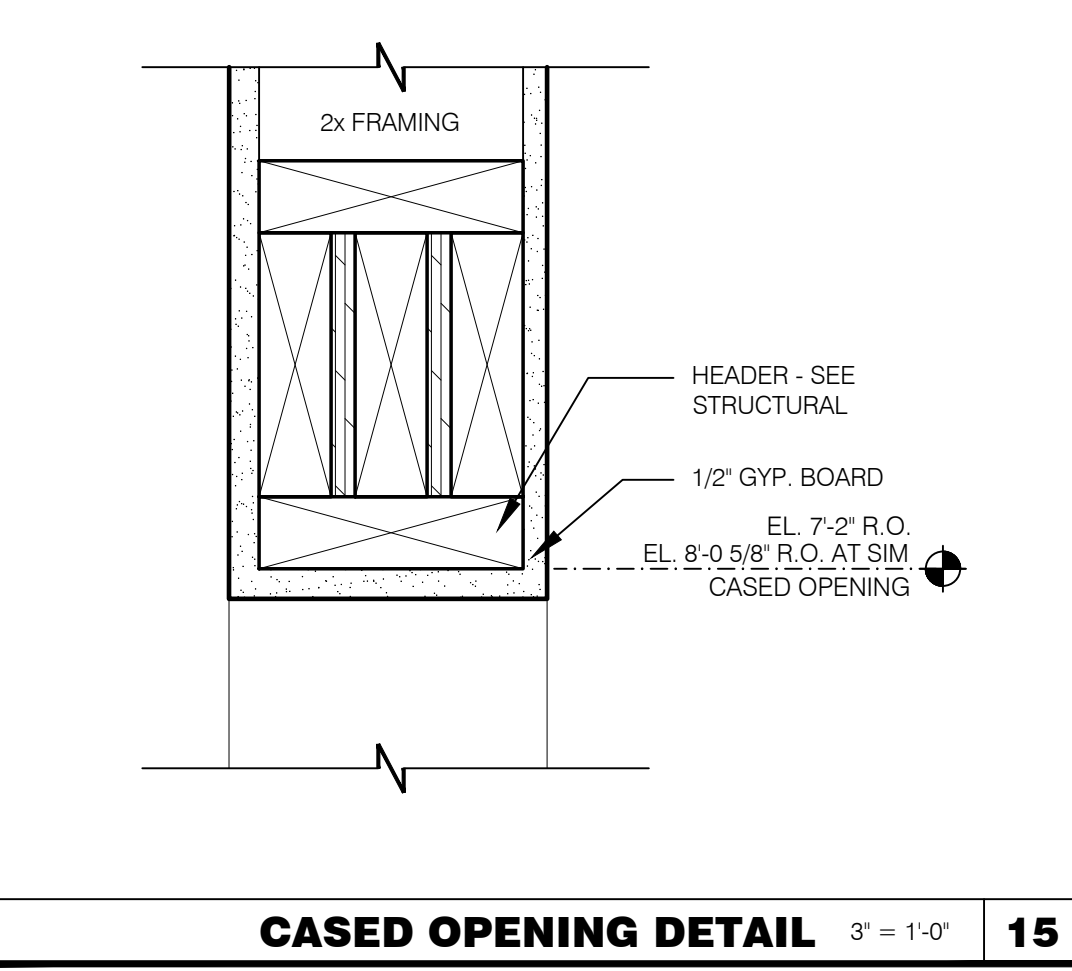
JAMB at H.M. DOOR (HEAD SIM.) 3' = 1'-0" **6**



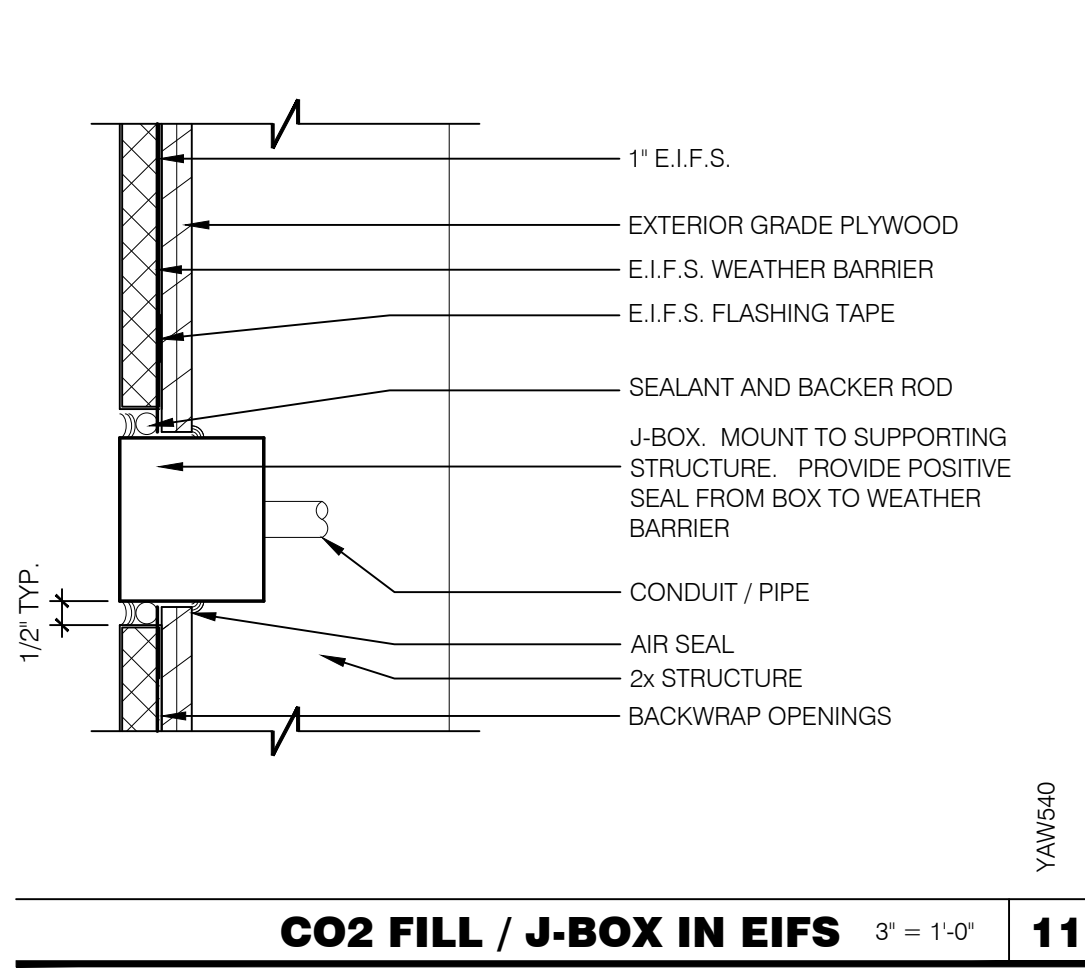
TILE & BASE at WALK-IN COOLER/FREEZER N.T.S. **2**



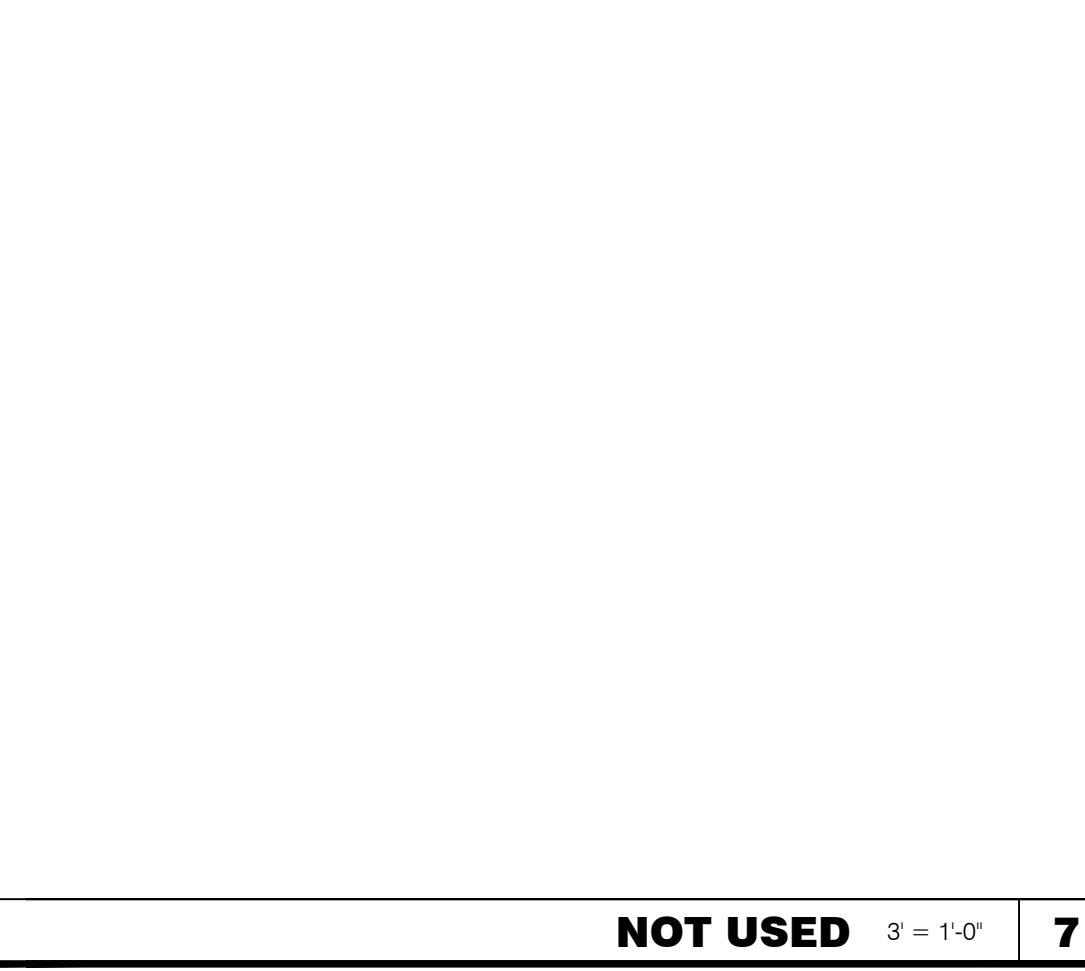
BASE at INT. PARTITION (DINING) 3' = 1'-0" **19**



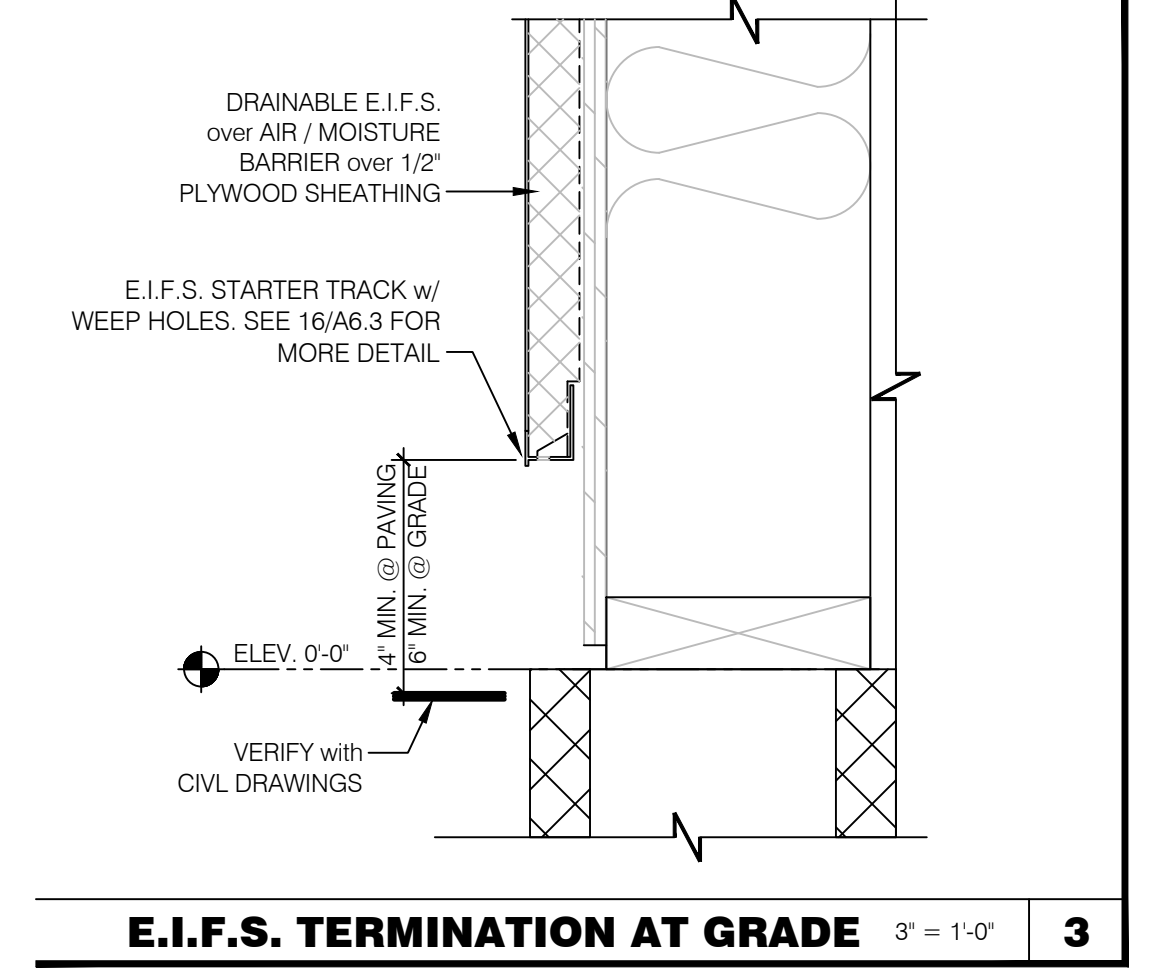
CASED OPENING DETAIL 3' = 1'-0" **15**



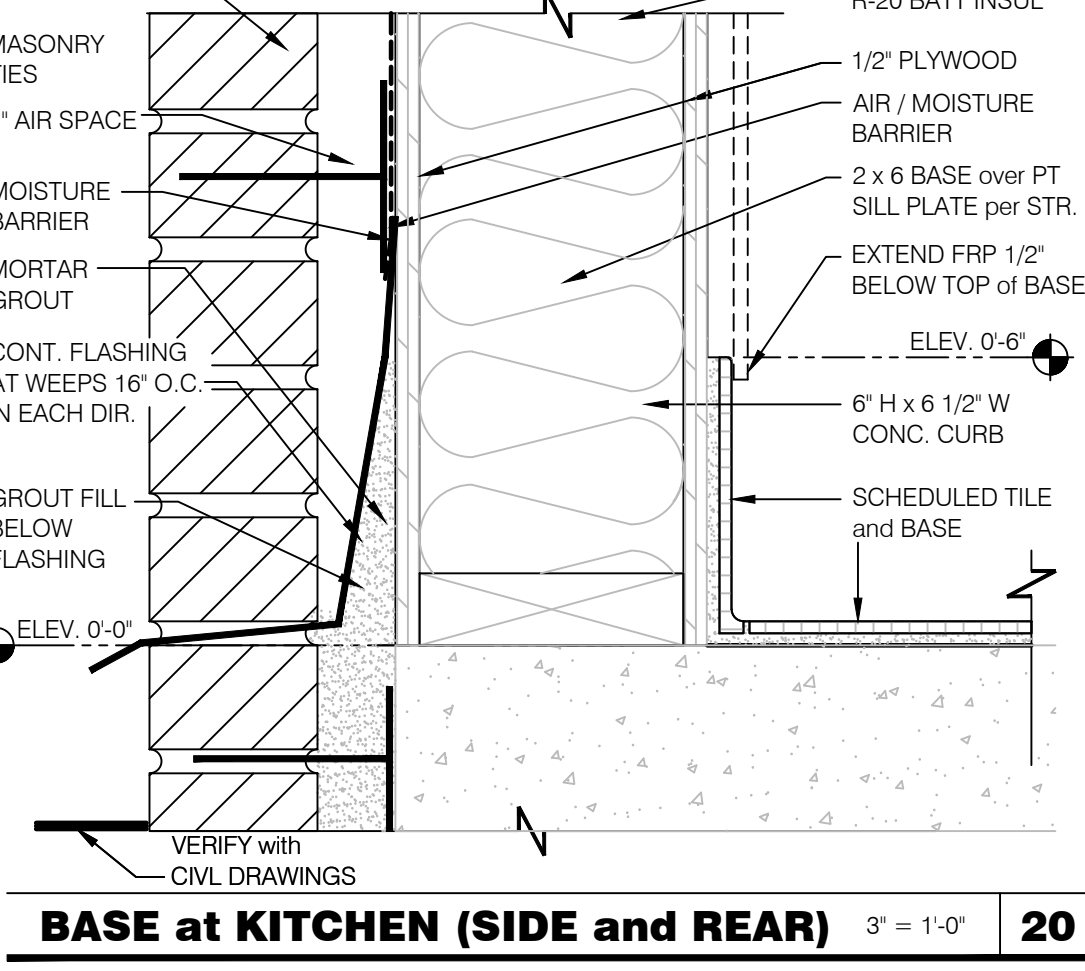
CO2 FILL / J-BOX IN EIFS 3' = 1'-0" **11**



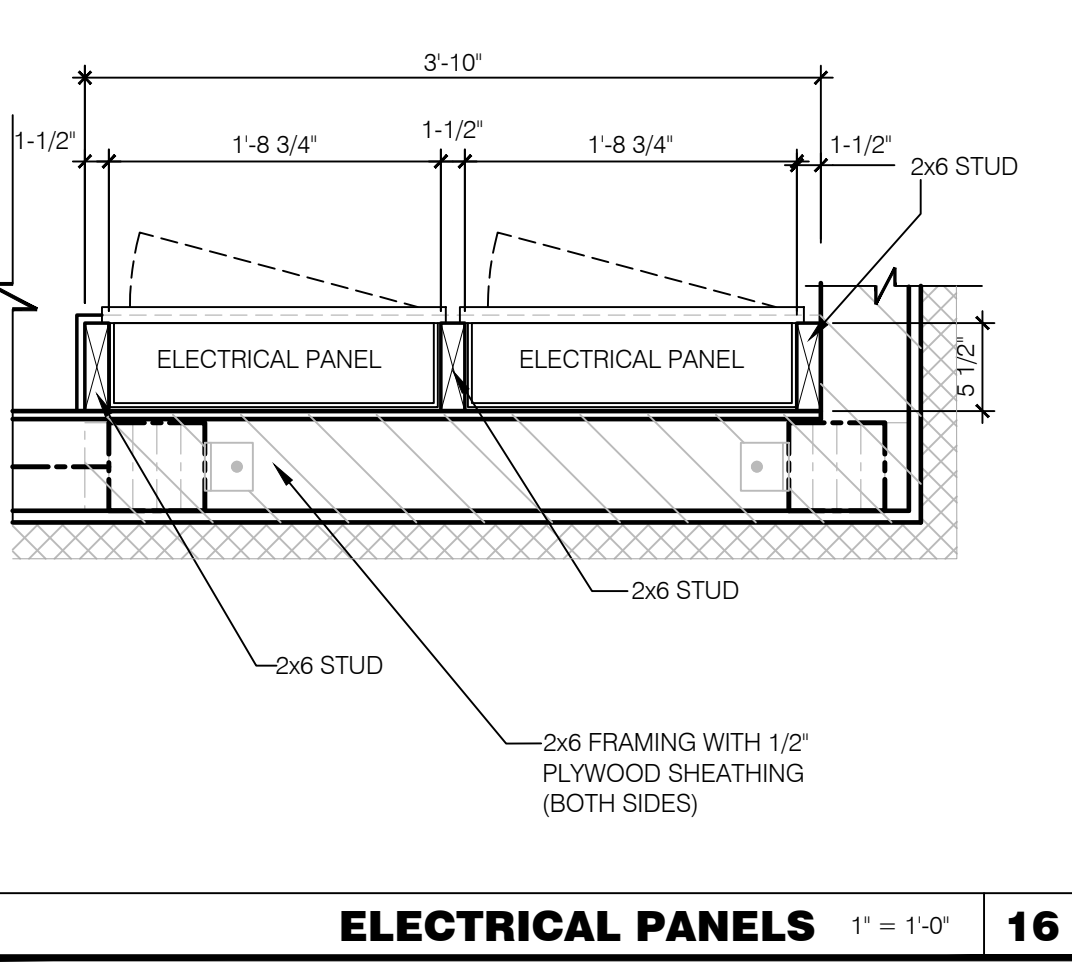
NOT USED 3' = 1'-0" **7**



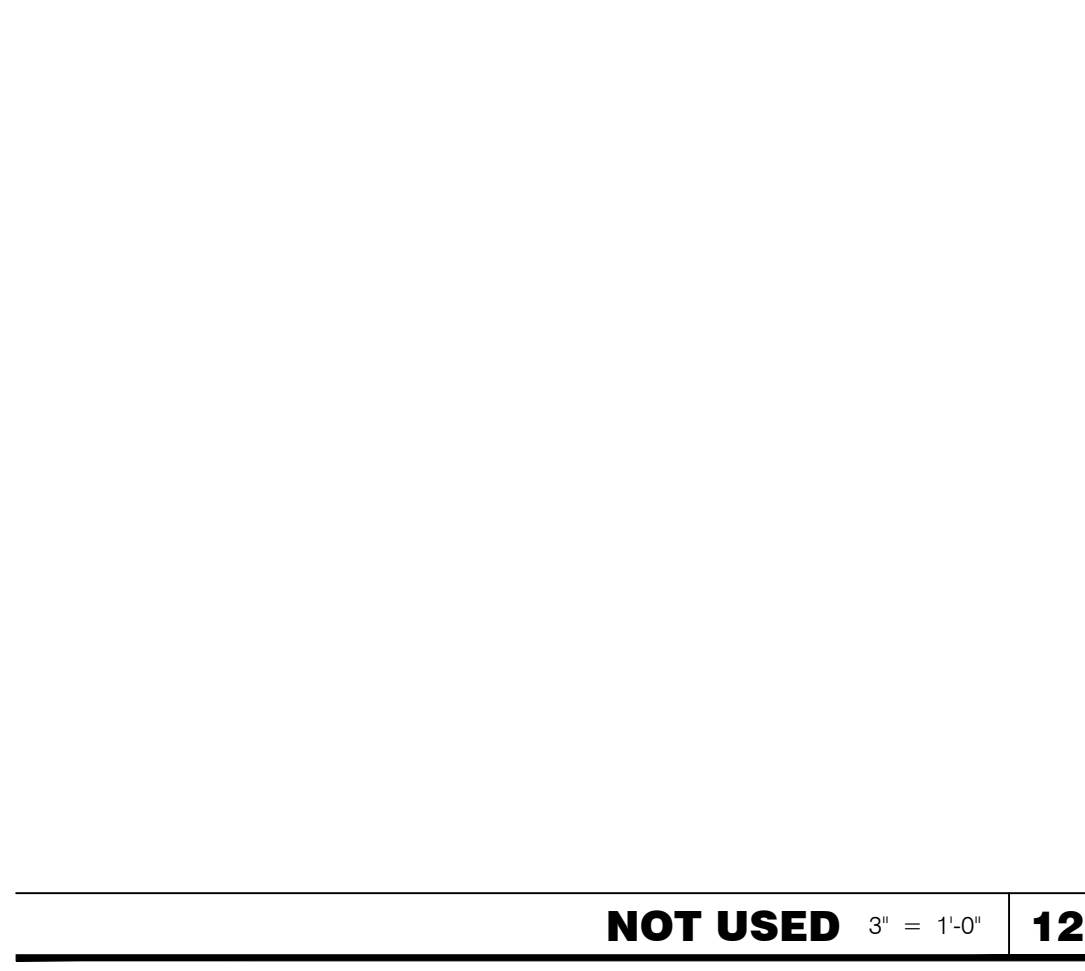
E.I.F.S. TERMINATION AT GRADE 3' = 1'-0" **3**



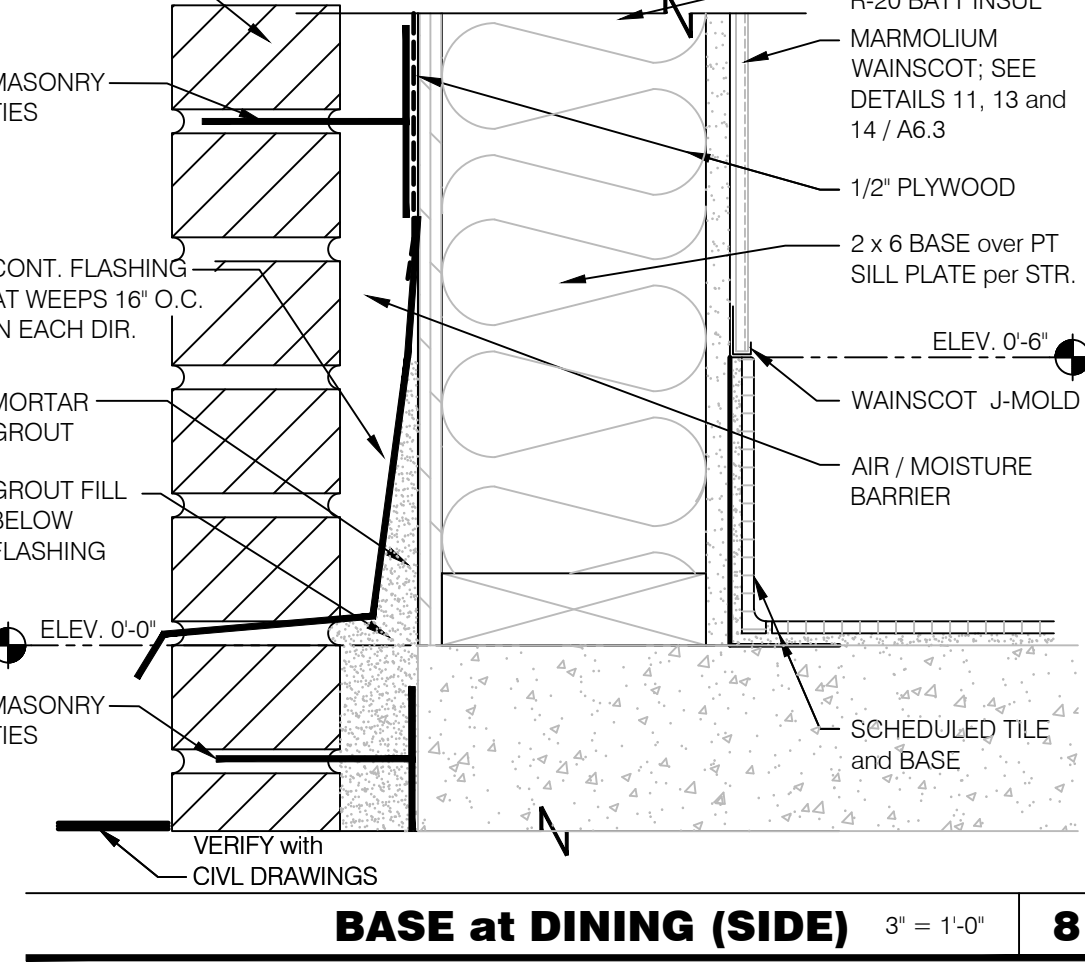
BASE at KITCHEN (SIDE and REAR) 3' = 1'-0" **20**



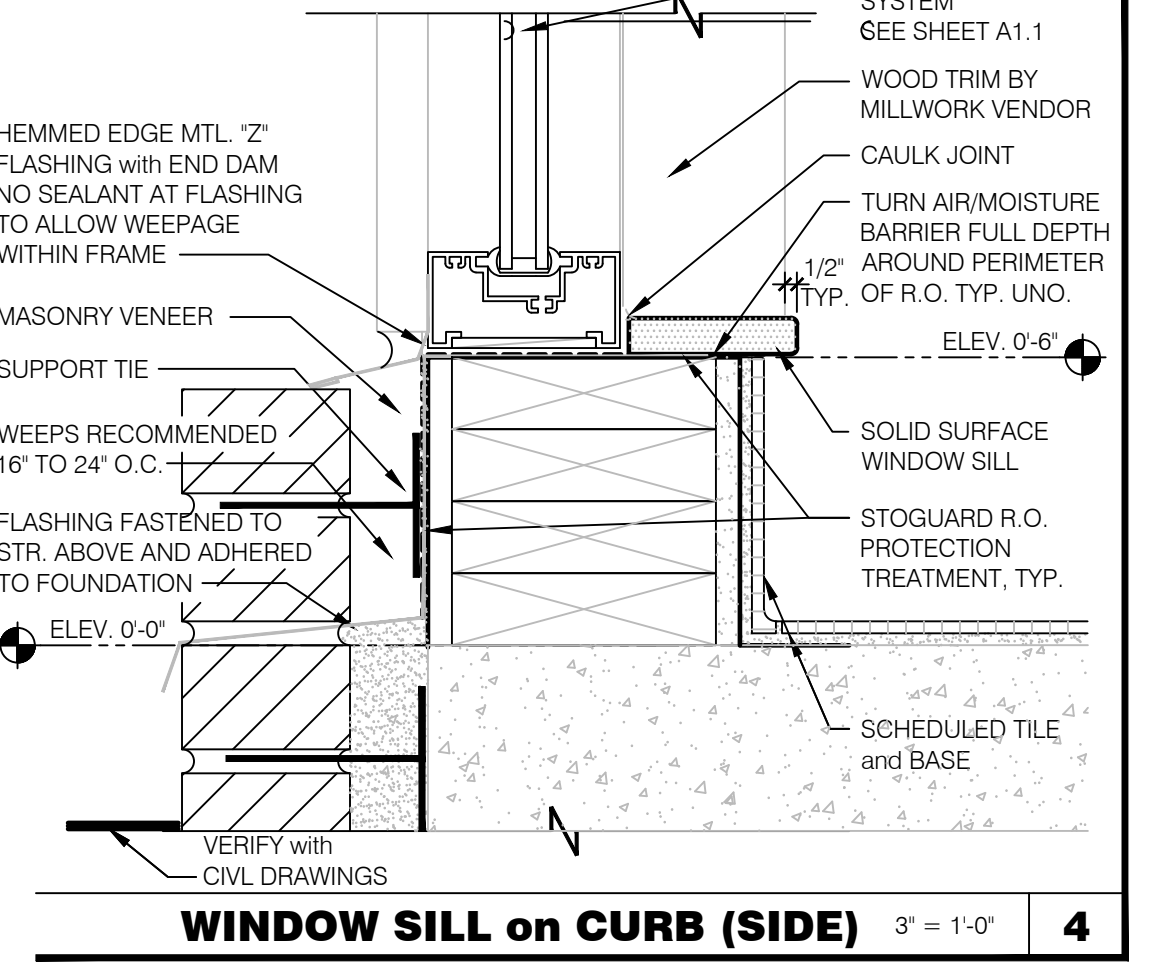
ELECTRICAL PANELS 1' = 1'-0" **16**



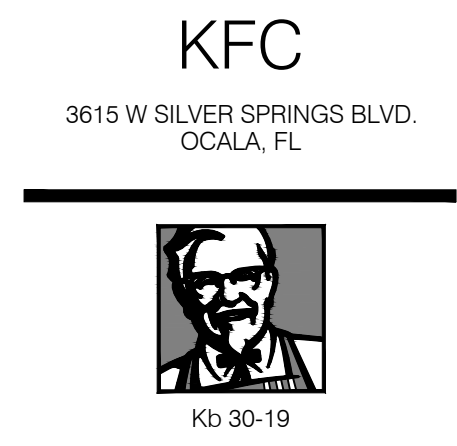
NOT USED 3' = 1'-0" **12**

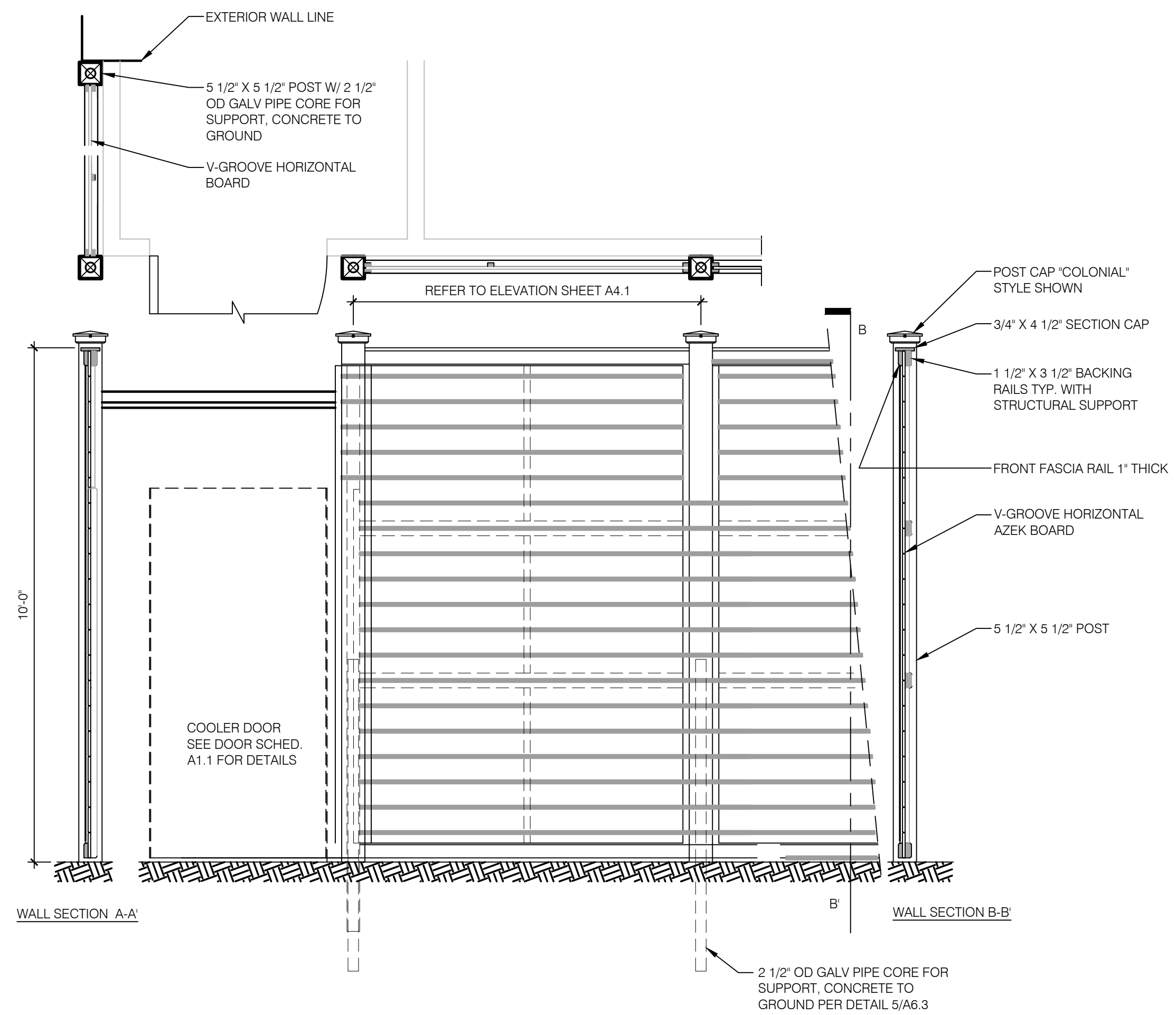


BASE at DINING (SIDE) 3' = 1'-0" **8**

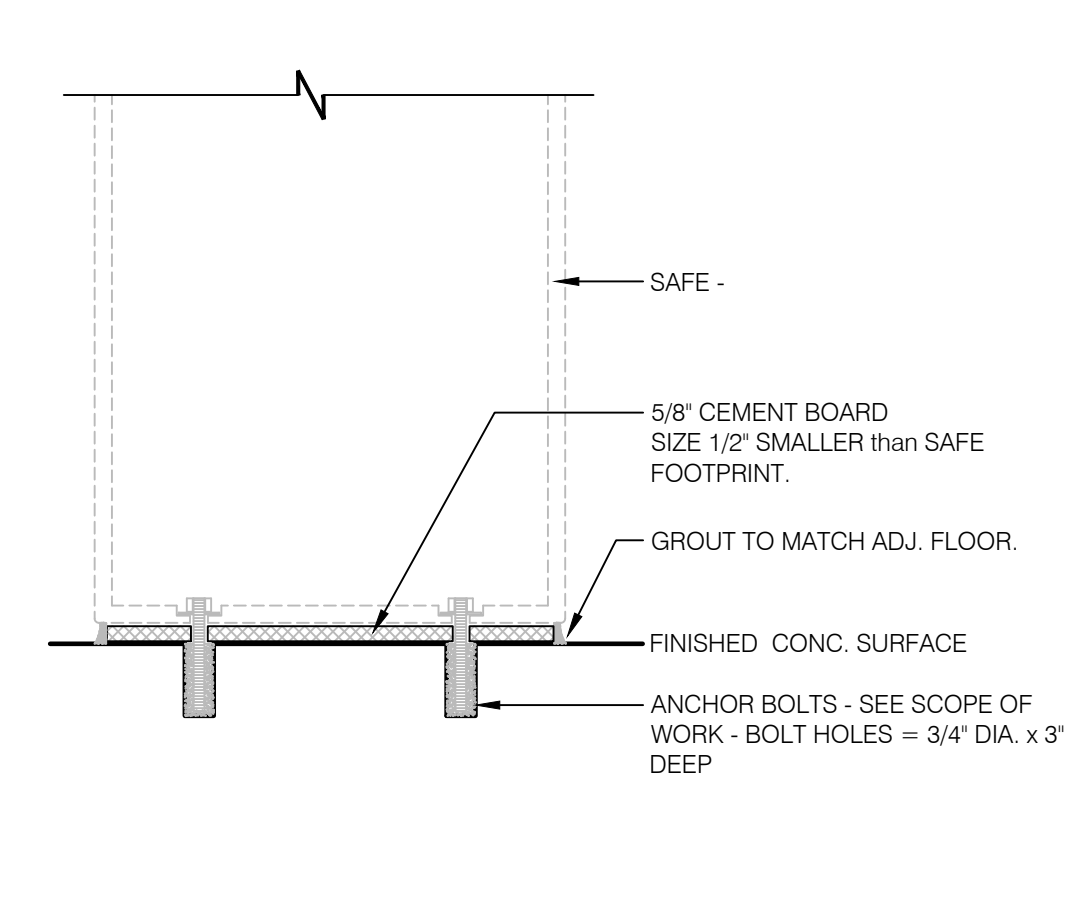


WINDOW SILL on CURB (SIDE) 3' = 1'-0" **4**

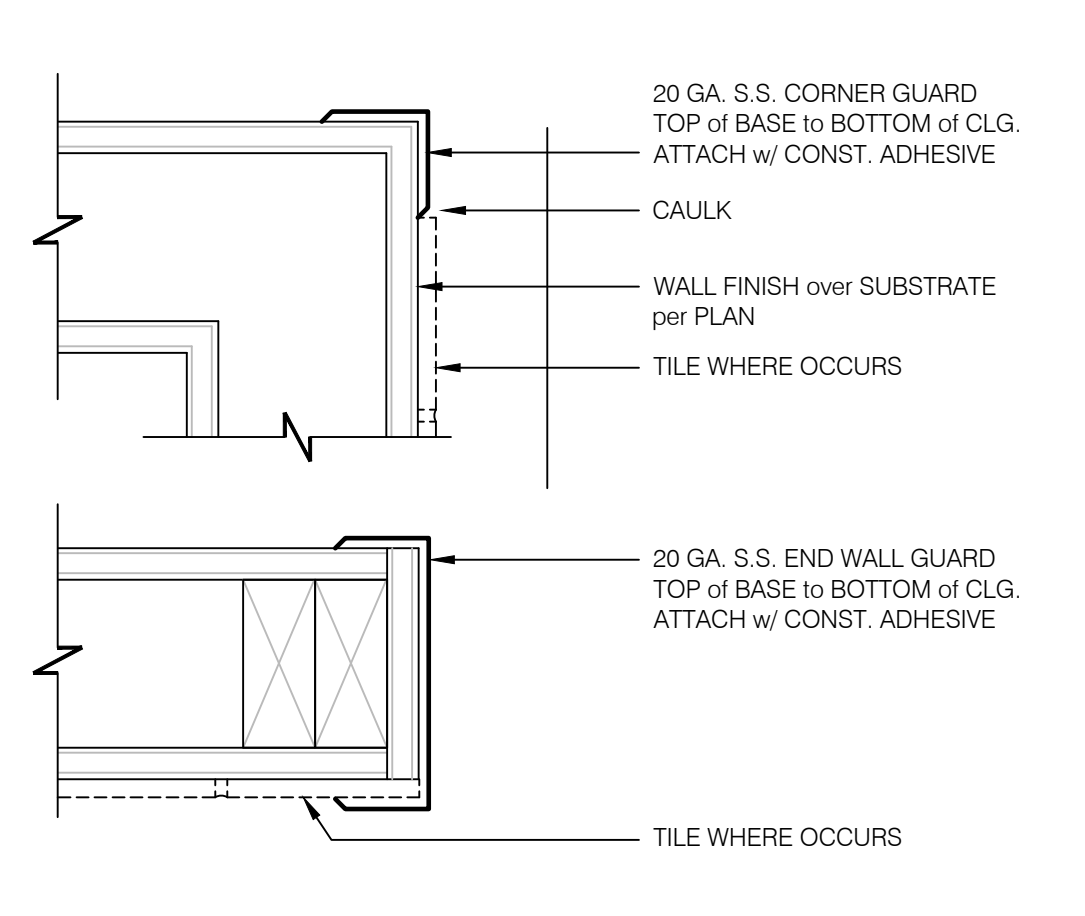




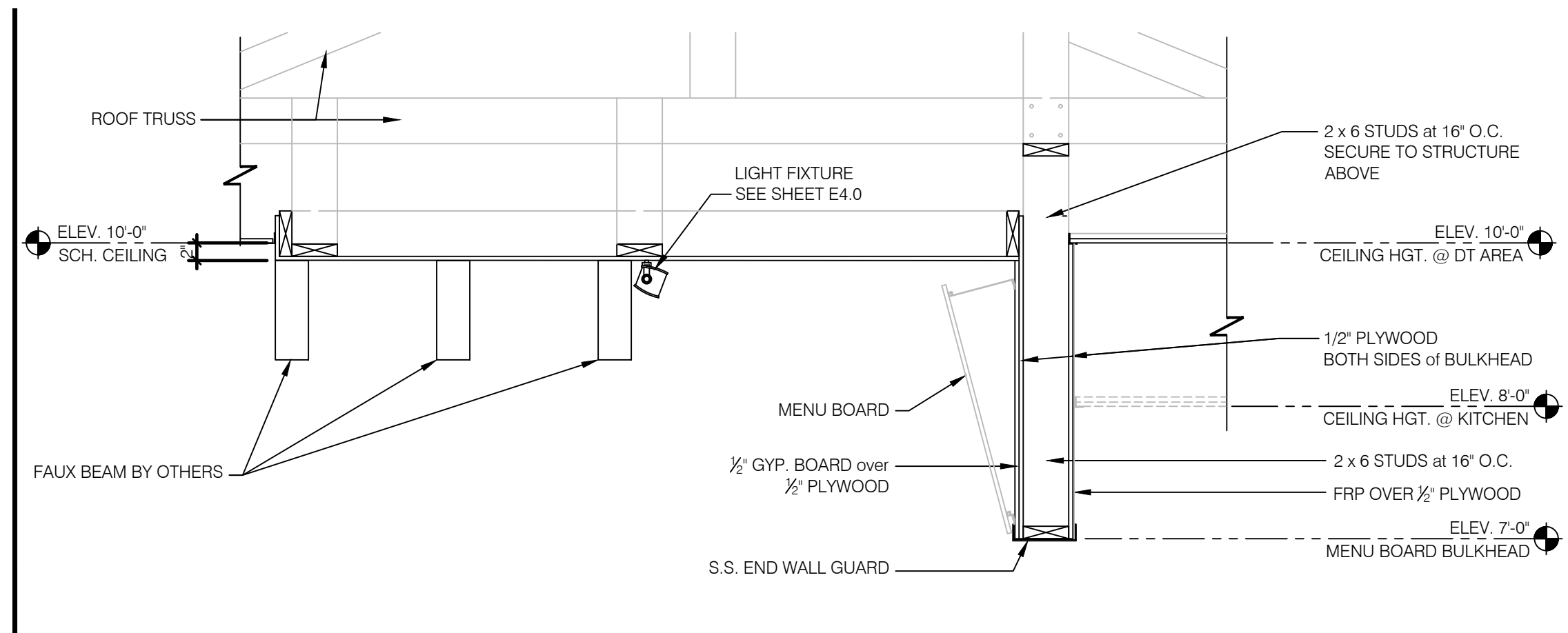
UTILITY FENCE DETAILS N.T.S. **14**



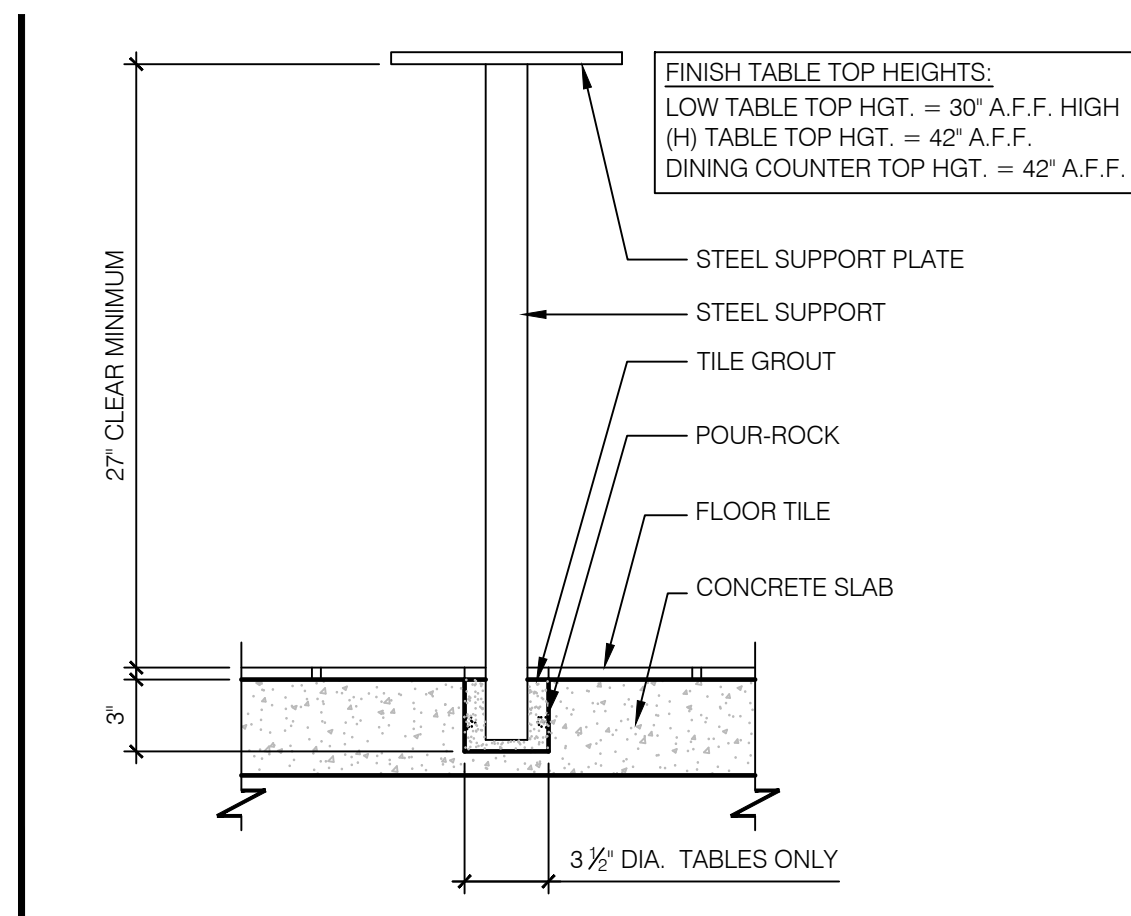
SAFE PEDESTAL 1-1/2" = 1'-0" **9**



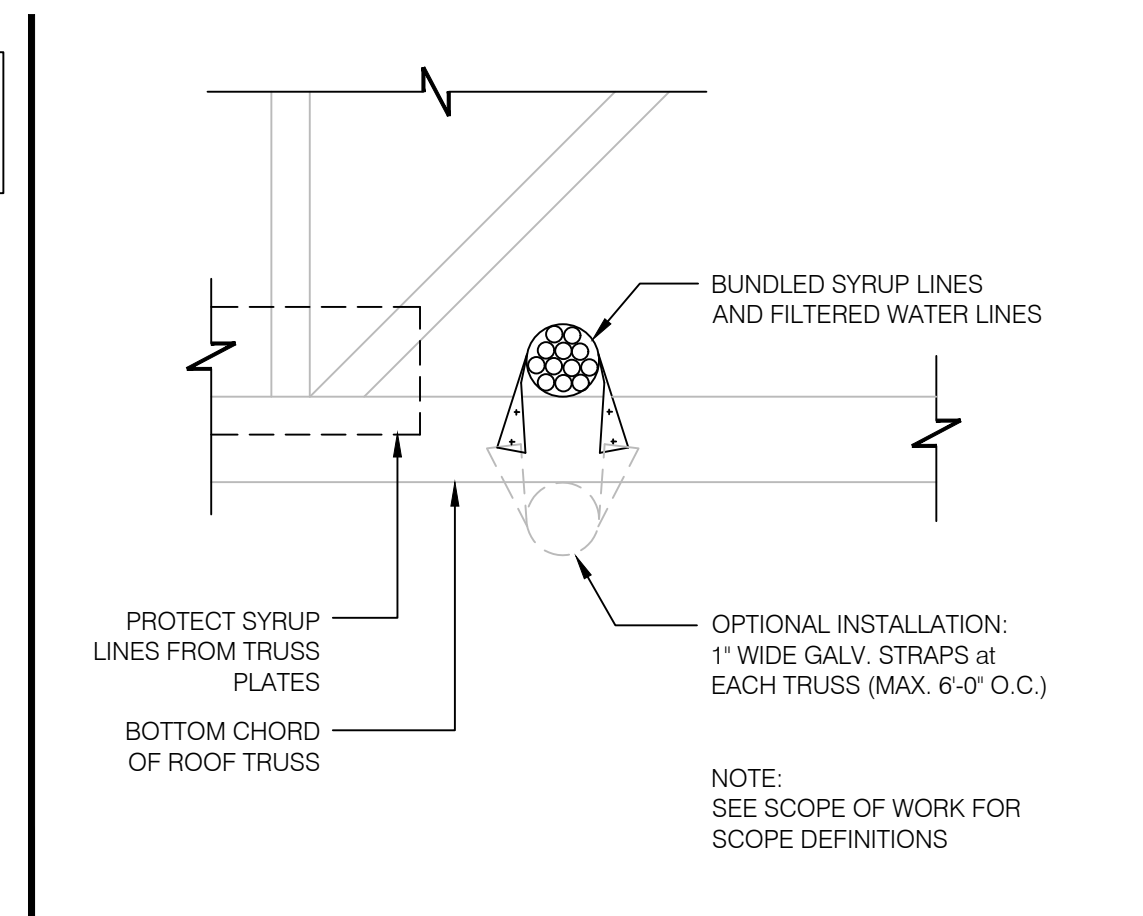
CORNER GUARD 3" = 1'-0" **10**



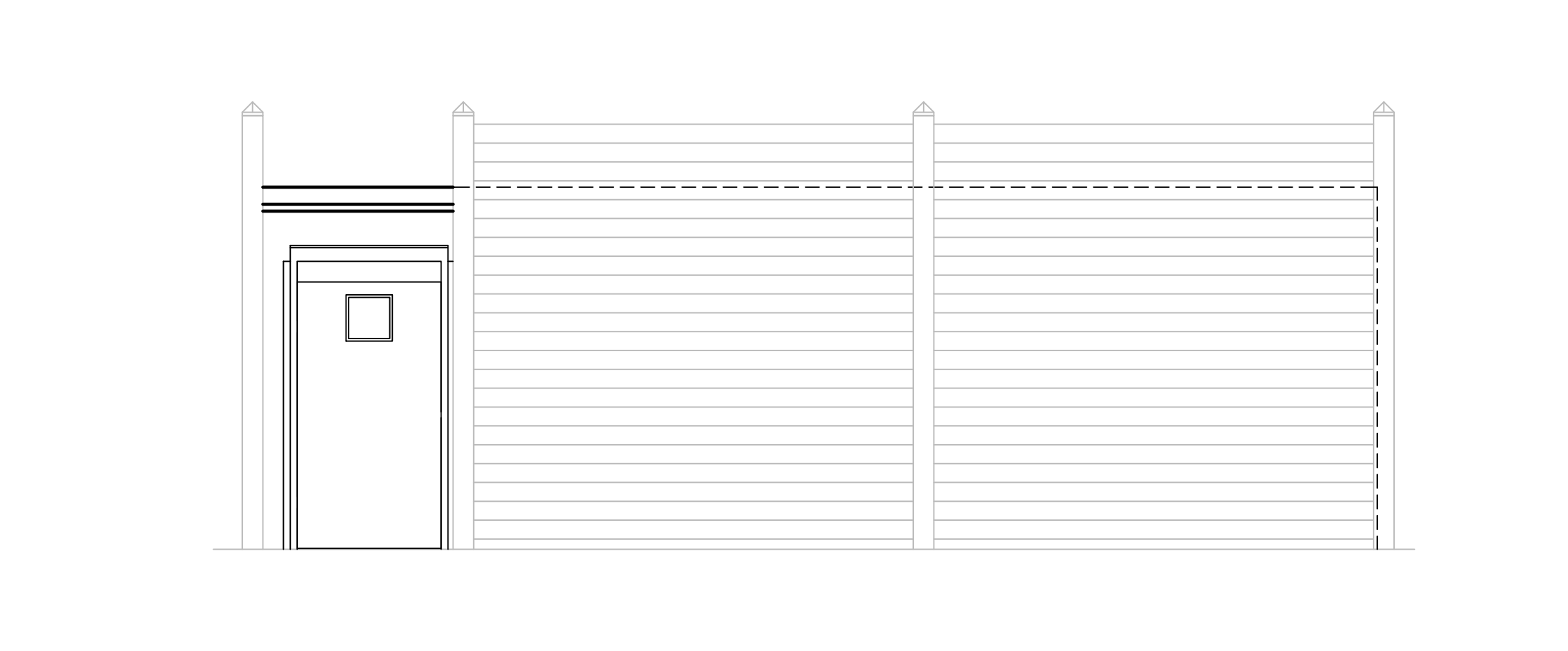
SECTION at MENU BOARD 3/4" = 1'-0" **1**



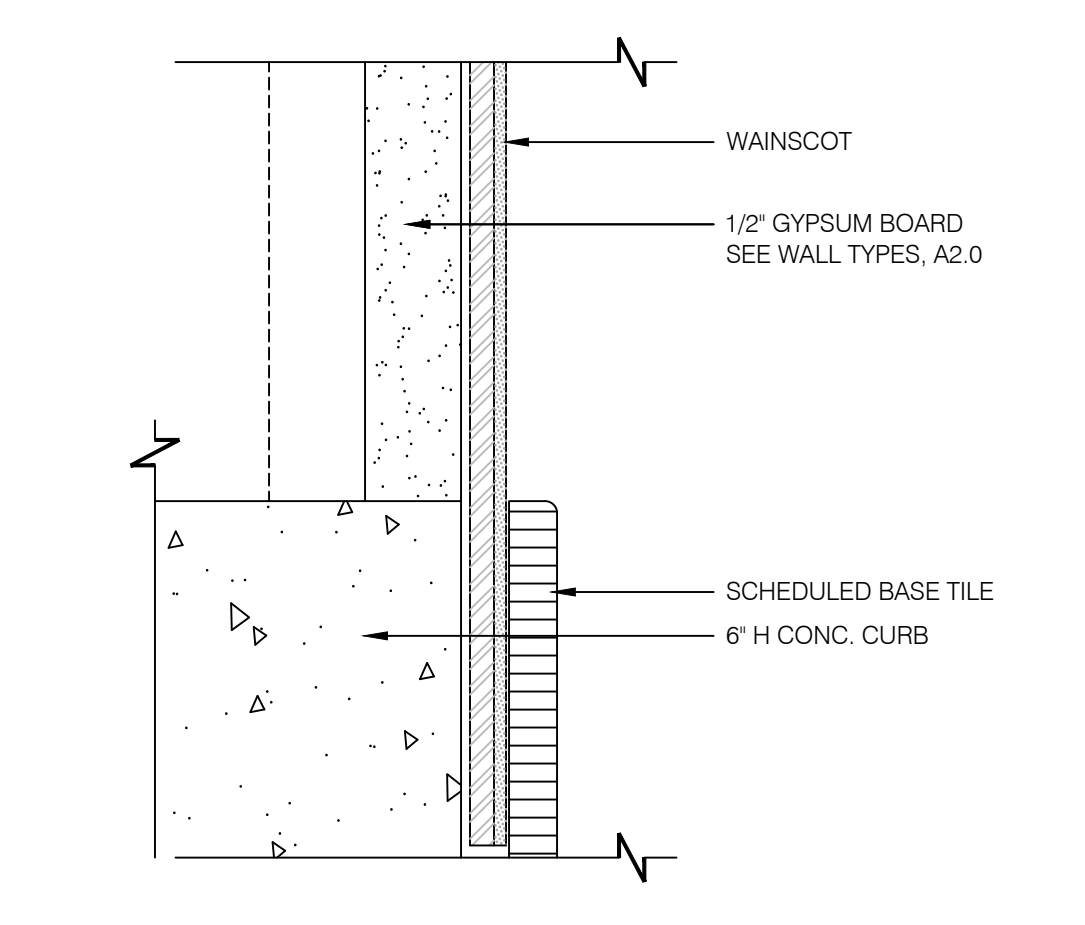
CORE DRILL 1-1/2" = 1'-0" **6**



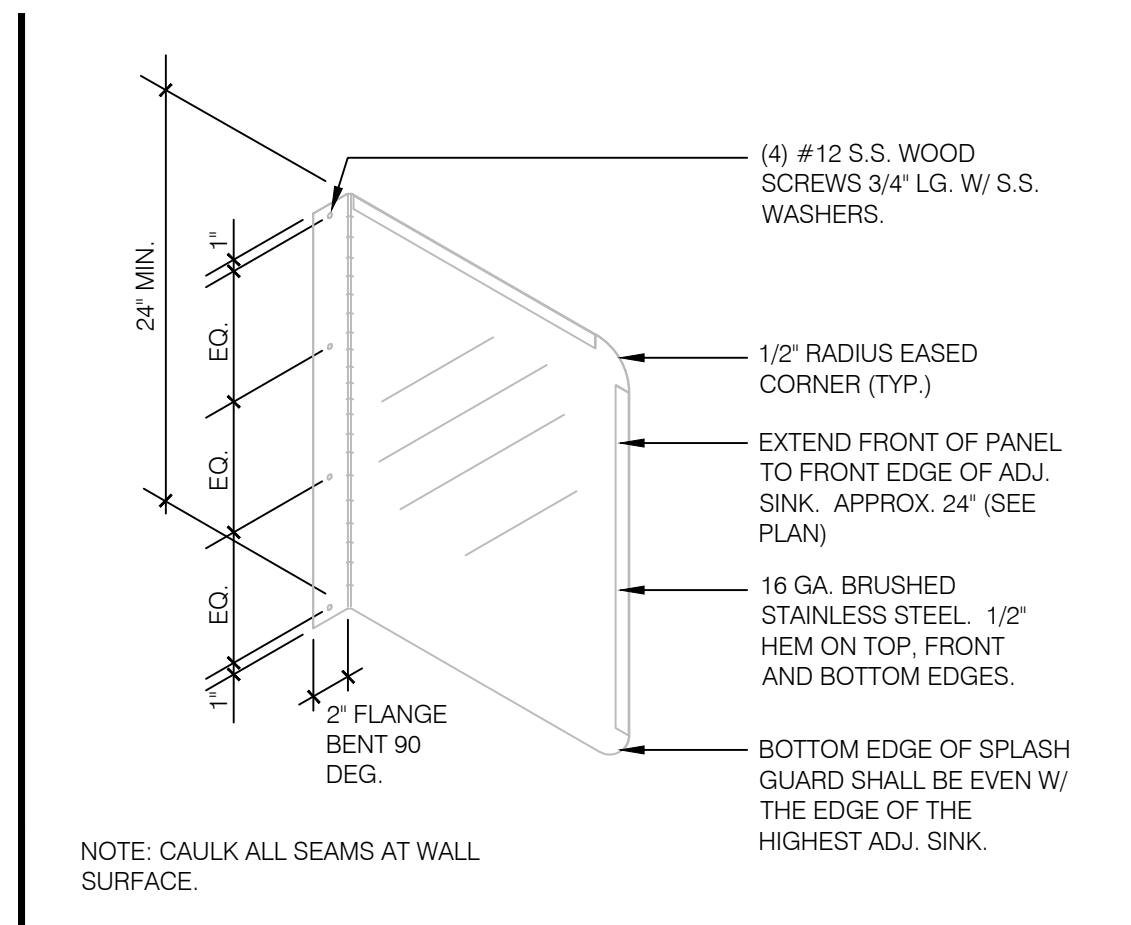
SYRUP LINE IN CEILING N.T.S. **2**



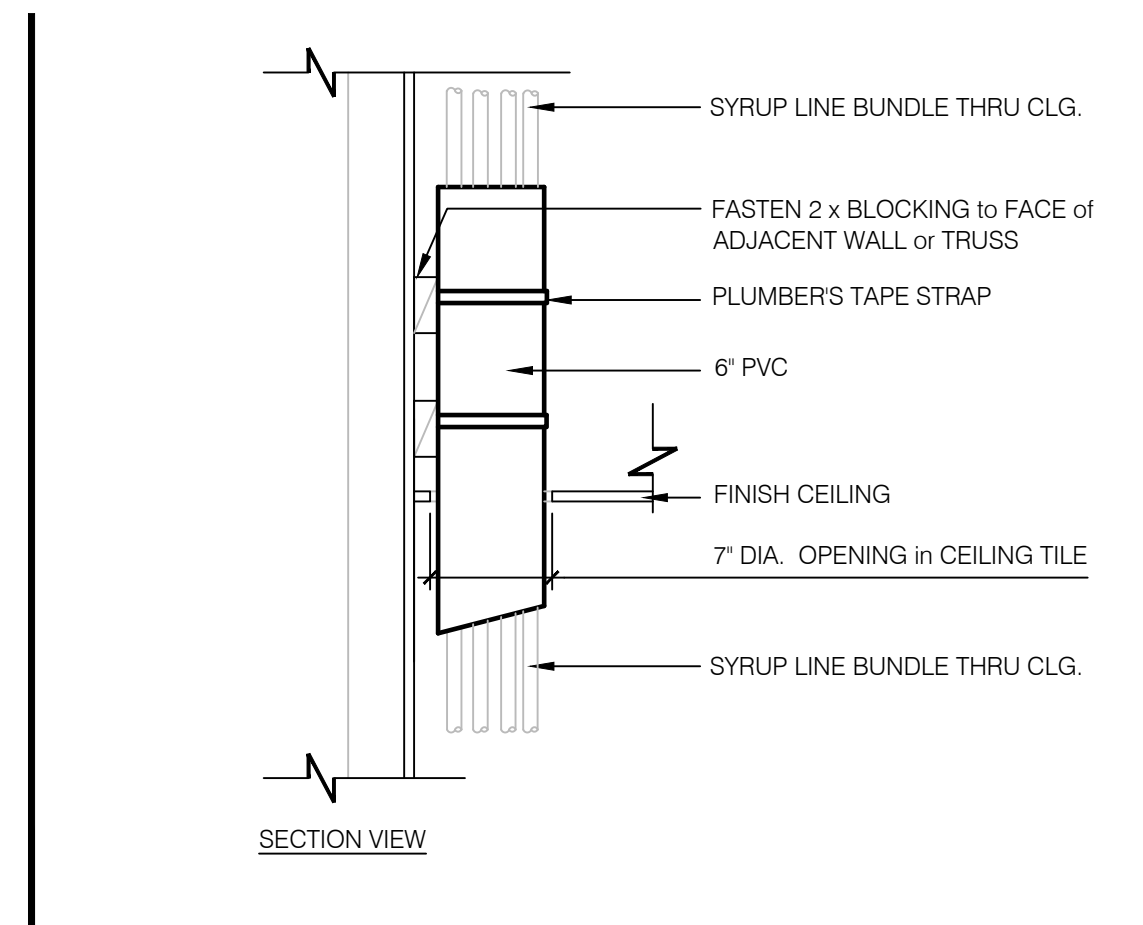
ENLARGED FENCE ELEVATION N.T.S. **15**



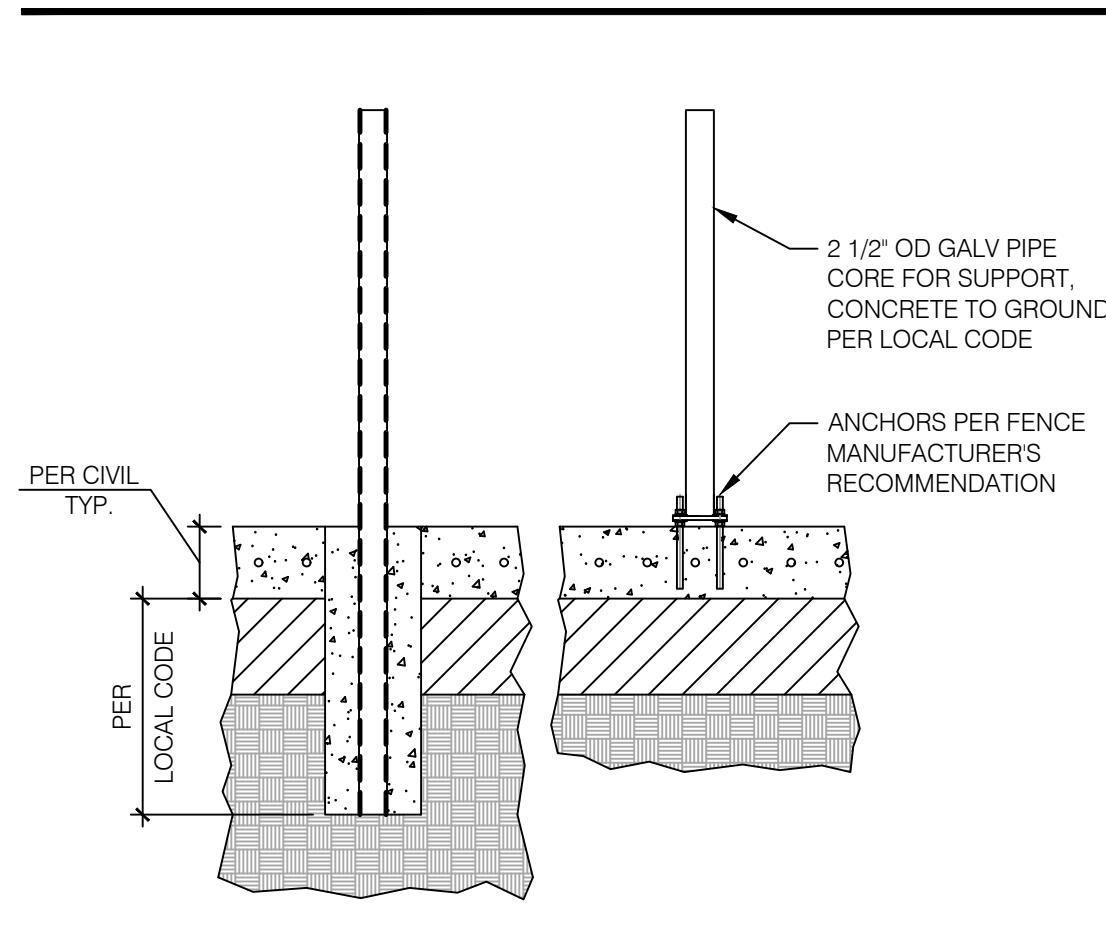
WC TRIM TERMINATION @ BASE N.T.S. **11**



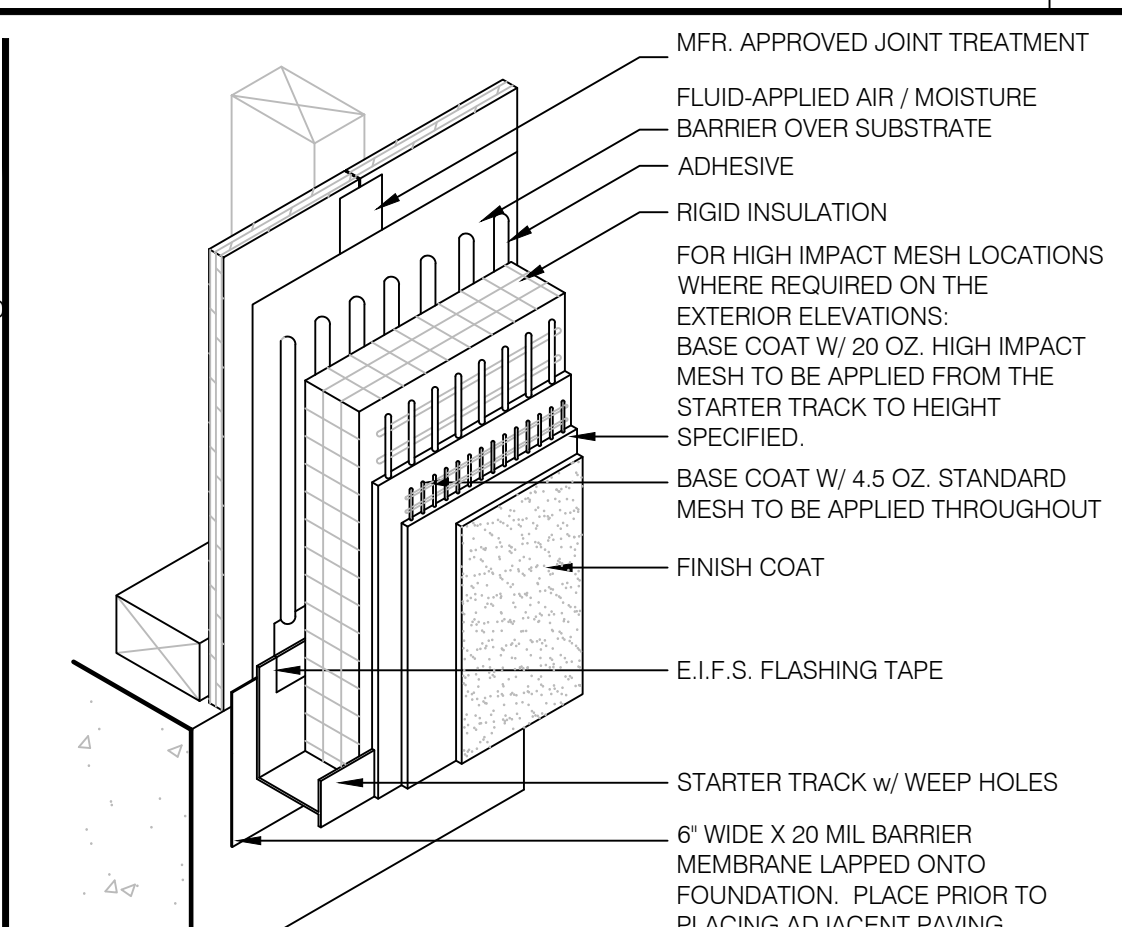
SPLASH GUARD N.T.S. **7**



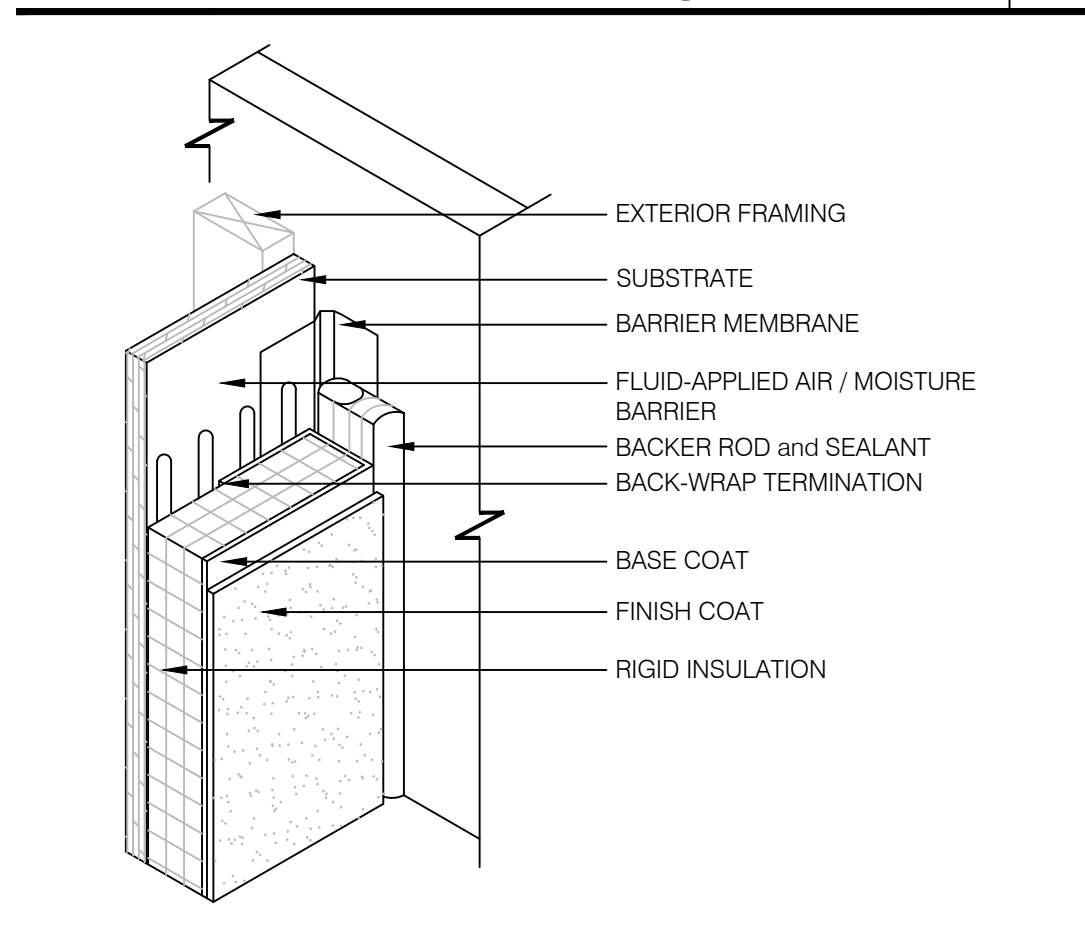
SYRUP BUNDLE CLG. PENETRATION N.T.S. **3**



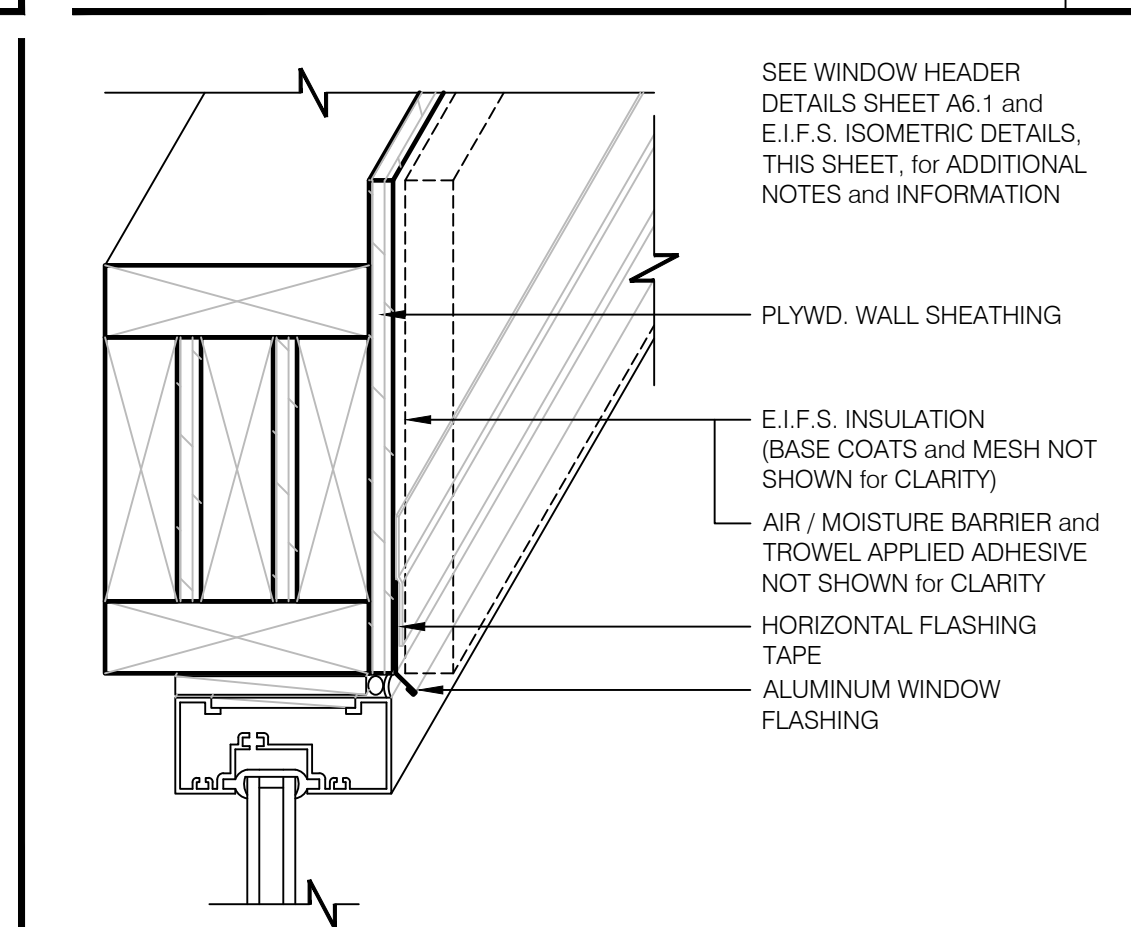
FENCE FOUNDATION DETAILS N.T.S. **20**



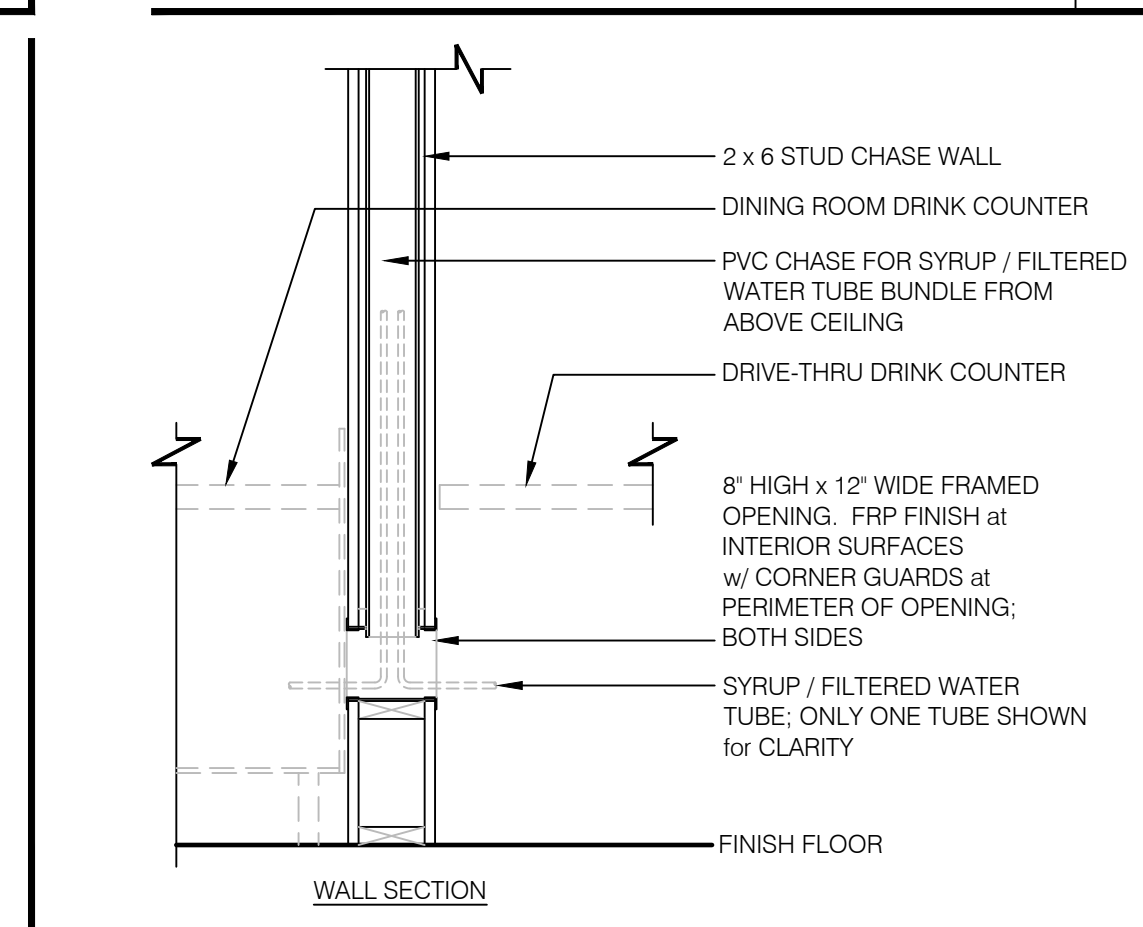
TYP. E.I.F.S. BASE TERMINATION N.T.S. **16**



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



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



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

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HAROLD DANIEL HUTTER III
 FL REG. AR98913

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
Δ	
Δ	
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Δ	
Δ	
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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

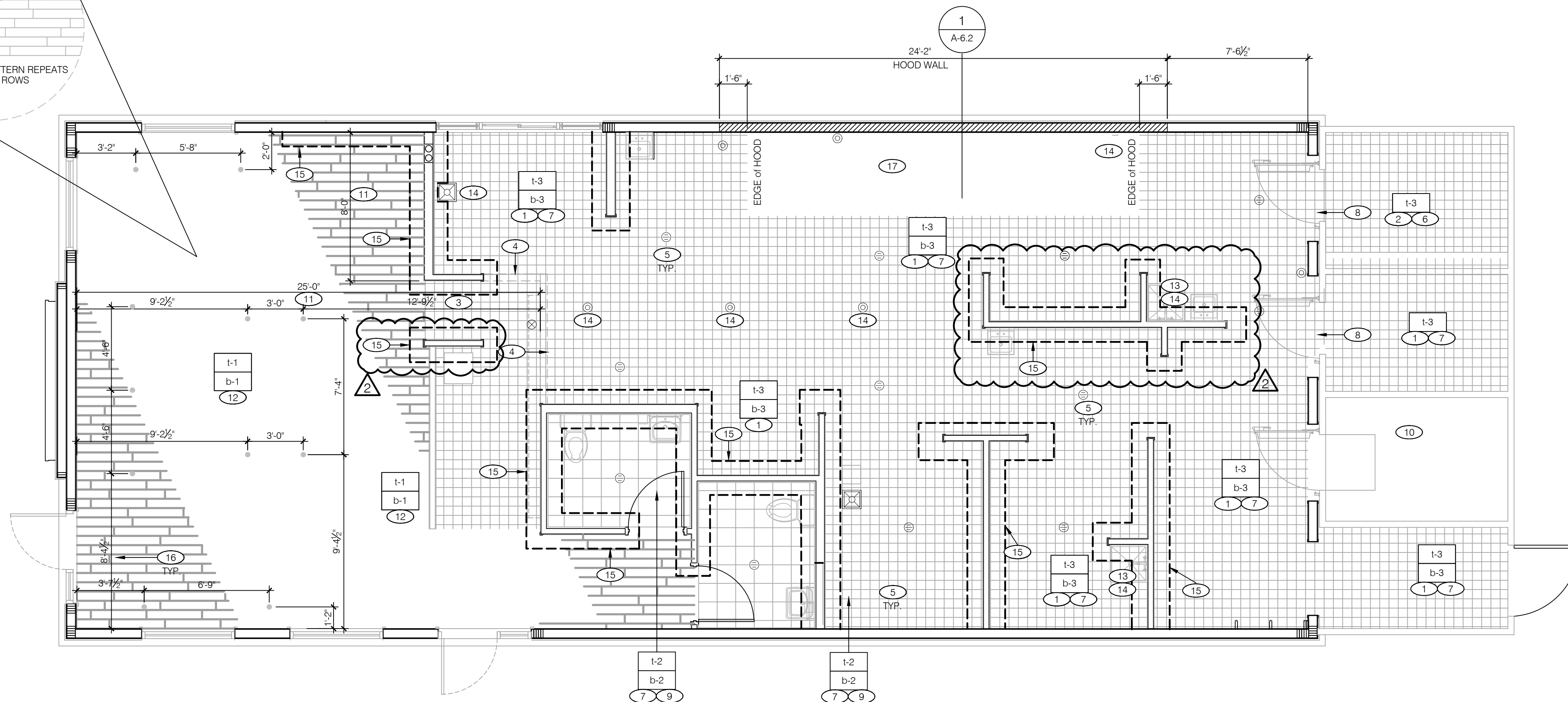
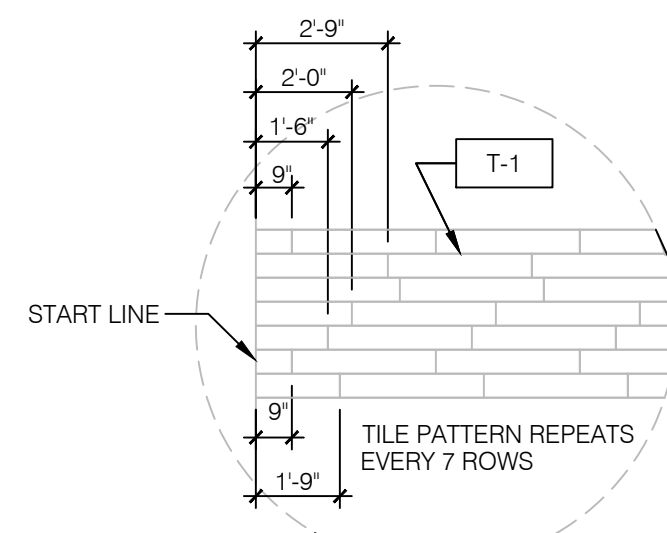
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Kb 30-19

CONSTRUCTION DETAILS INTERIOR FINISH

A6.3

PLOT DATE: --/--/2020



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

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.

- 6" SANITARY COVE TILE BASE (BACK OF HOUSE). SEE DETAILS 17, 20 / A6.2.
 - PROVIDE FLOOR TILE INSIDE WALK-IN COOLER & STORAGE. FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH WALK-IN WALL CONFIGURATION.
 - PLATFORM FOR SAFE. SEE DETAIL 9 / A6.3.
 - FLOOR TILE SHALL TRANSITION FROM DINING ROOM TO KITCHEN SHALL BE FLUSH.
 - CUT / SLOPE TILE TO DRAIN.
 - METAL BASE IN COOLER; SEE SCOPE OF WORK AND DETAIL E, THIS SHEET.
 - REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS / SLOT DRAIN.
 - FLOAT FLOOR TILE TO MEET COOLER & STORAGE FLOORS FLUSH. COORDINATE WITH COOLER & STORAGE THRESHOLD INSTALLATION.
 - SANITARY COVE TILE BASE (RESTROOMS). SEE DETAIL 18 / A6.2.
 - FACTORY FLOOR FINISH (GALV. STL.) w/ INTEGRAL COVE BASE AND BUILT-IN INTERNAL RAMP IN WALK-IN FREEZER.
 - DIMENSION STRING REPRESENTS LINE OF F+H -to- B+H FLOOR TILE TRANSITION.
 - 6" COVE TILE BASE (DINING ROOM). SEE DETAILS 8, 16, 19 / A6.2.
 - OMIT TILE AND BASE AT MOP SINK LOCATIONS.
 - OMIT TILE AT FLOOR SINK / HUB DRAIN LOCATIONS.
 - 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.
- CLIP DOWN LOCATIONS FOR SEATING / DECOR PACKAGE. PRIOR TO PERFORMING WORK. SEE SHEET A2.0.
 - 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.

NOT USED N.T.S. **F**

NOT USED N.T.S. **E**

FINISH NOTES **D**

KEY NOTES **B**

HAROLD DANIEL HUTTER III
 FL REG. AR98913

PLAN SET REVISIONS:

A	4/29/2020 BLDG DEPT COMMENTS	
B	3/08/2022 OWNER CHANGES	
C		
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CONTRACT DATE: ---2019

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3615 W SILVER SPRINGS BLVD.
 Ocala, FL

Kb 30-19

**FLOOR
FINISH
PLAN**

A7.0

PLOT DATE: --/--/2020

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

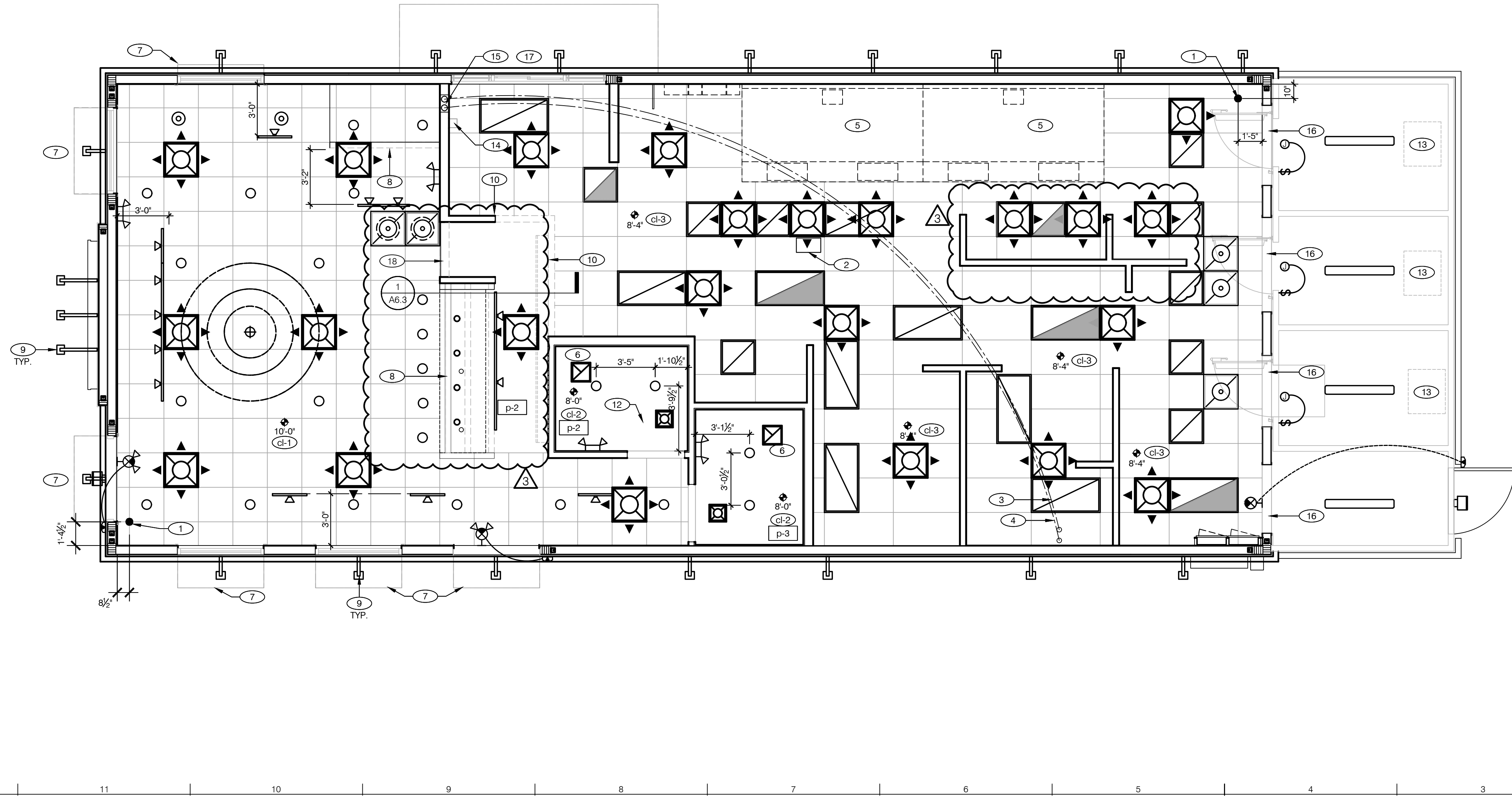
CONTRACT DATE:	...-2019
BUILDING TYPE:	Kb 30-19
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**REFLECTED
 CEILING
 PLAN**

A7.1



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

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

REFLECTED CEILING PLAN NOTES **D**

DIMENSIONS:
 A. ALL DIMENSIONS ARE FROM FACE OF FINISH WALL TO C. 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.

GYPSON 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.
 - 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. 1/2" GYP. BOARD OVER 6" METAL FRAMING. REFER TO 1 / A6.3 FOR SIMILAR ASSEMBLY DETAILS.
- 17 CANOPY INSTALLED BY SIGN VENDOR
- 18 COORDINATE HEIGHT OF BULKHEAD WITH PICK-UP SHELF

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

NOT USED **F**

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
G7	POSTER ARTWORK HANGING RAIL SYSTEM	X
G8	"THANKS" MESSAGE	X
G9	STORE HOURS	X
G10	RESTROOM SIGNS	X
G11	COLONEL'S OFFICE SIGN	X
G12	RESTROOM MIRROR MESSAGE	X
G13	COMMUNITY BOARD	X
G14	CONDIMENT ARROW	X
G15	BOH ART	X

ARTWORK SCHEDULE **B**

- INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- GALV STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- 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
- APPROVED PAINT MANUFACTURERS:
BENJAMIN MOORE.
- ALL PAINTED SURFACES SHALL HAVE A SMOOTH TEXTURE.

GENERAL NOTES **C**

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 Specific	
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		

FINISH SCHEDULE **A**

PAINT		CEILING	
DESCRIPTION	ALTERNATE / NOTE	DESCRIPTION	
p-1 MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: EXOTIC RED 2085-10 LOCATION: EXTERIOR NOTE: LOW LUSTRE (634)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110	ci-1 MFR.: ARMSTRONG TYPE: FINE FISSURED, # 928; SQUARE EDGE COLOR: WHITE GRID: PRELUDE 1 STANDARD DUTY LOAD - WHITE EXPOSED TEE NOTE: FLAME SPREAD RATING 0-25, CLASS A	
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	ci-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.	
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	ci-3 MFR.: ACOUSTIFLEX CORP. TYPE: CAPAUL VINYL ROCK #1140, WHITE, WASHABLE, NON-PERFORATED SIZE: 24" x 48" x 1/2" GRID: WHITE SUSPENDED GRID w/ ALUM. FACE FLAME SPREAD RATING 0-25, CLASS A	<u>ALTERNATE SPECIFICATION</u> MFR.: US GYPSUM CO. TYPE: PANEL #3270-2-MIL COLOR: WHITE VINYL NOTE: FIRE CODE C
p-4 MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: LaPALOMA GRAY 1551 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)		WALL COVERING	
		DESCRIPTION	ALTERNATE / NOTE
p-6 MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: WEDDING VEIL 2125-70 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)		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 LOCATION: DINING ROOM WAINSCOT NOTE: WEDDING VEIL PLANK WAINSCOTING 16"x96"x.25"	
FLOOR TILE		DOORS & PARTITIONS	
DESCRIPTION	ALTERNATE / NOTE	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	dl-2 MFR.: AMPCO PRODUCTS TYPE: STAINLESS STEEL FINISH: SWL	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.
t-2 MFR.: CMC TYPE: SANDERS COLOR: GREY EXTRA GRIP SIZE: 6" X 12" GROUT: MAPEI ULTRAFLEX LFT	LOCATION: RESTROOMS 3/16" GROUT JOINT; OR LFT RAPID MORTAR; MAPEI ULTRA COLOR PLUS/IRON	PL-4 MFR.: PIONITE TYPE: PREMIUM WOOD PRINTS FINISH: AMBER EUCLYPTUS VELVA-TEK HORIZONTAL GRADE	RESTROOM DOORS VERTICAL APPLICATION
t-3 MFR.: DAL-TILE TYPE: SURETREAD QUARRY COLOR: RED 0081 SIZE: 6" X 6" GROUT: MAPEI #47 CHARCOAL	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER	CUSTOMER COUNTER TOP and SILLS	
		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 CASHWRAP, DRINK STATION AND SAUCE STATION COUNTERTOPS
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.: DAL-TILE TYPE: SANITARY COVE COLOR: MATCH (1-3) FLOOR TILE SIZE: 5' X 6" GROUT: MAPEI #47 CHARCOAL	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER
b-3 MFR.: DAL-TILE TYPE: SANITARY COVE COLOR: MATCH (1-3) FLOOR TILE SIZE: 5' X 6" GROUT: MAPEI #47 CHARCOAL	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER	ss-2 MFR.: DUPONT CORIAN TYPE: SOLID SURFACE COLOR: TERRA COLLECTION - WHITE JAZMIN SIZE: 1/2" THICK WINDOW SILL, KNEE SILL CONTACT: BOB ROSE, OHIO VALLEY SUPPLY COMPANY PHONE: 513.661.8300 CELL PH: 513.582.2528 EMAIL: ROSE@OVSCO.COM	
WALL TILE		CONTACT INFORMATION	
DESCRIPTION	ALTERNATE / NOTE	COMPANY / CONTACT	SCOPE of WORK
wt-1 MFR.: CMC TYPE: WHITE MATTE COLOR: 4" X 8" X 1/6" GROUT SIZE: MAPEI 19 PEARL GRAY	LOCATION: RESTROOMS NOTE: SEE TILE SUPPLIER CONTACT INFORMATION, THIS SHEET	BENJAMIN MOORE KURT MCCLELLAND PHONE: 800.635.5147 CELL PH: 502.640.1608 EMAIL: KURT.MCCLELLAND@BENJAMINMOORE.COM	
wt-2 MFR.: CMC TYPE: GREY MATTE COLOR: 4" X 12" X 1/6" GROUT SIZE: MAPEI 19 PEARL GRAY	LOCATION: MENU BOARD BULKHEAD AND SERVICE COUNTER WALLS	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

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HAROLD DANIEL HUTTER III
FL. REG. AR88913

PLAN SET REVISIONS:
 4/29/2020 BLDG DEPT COMMENTS
 3/08/2022 OWNER CHANGES
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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

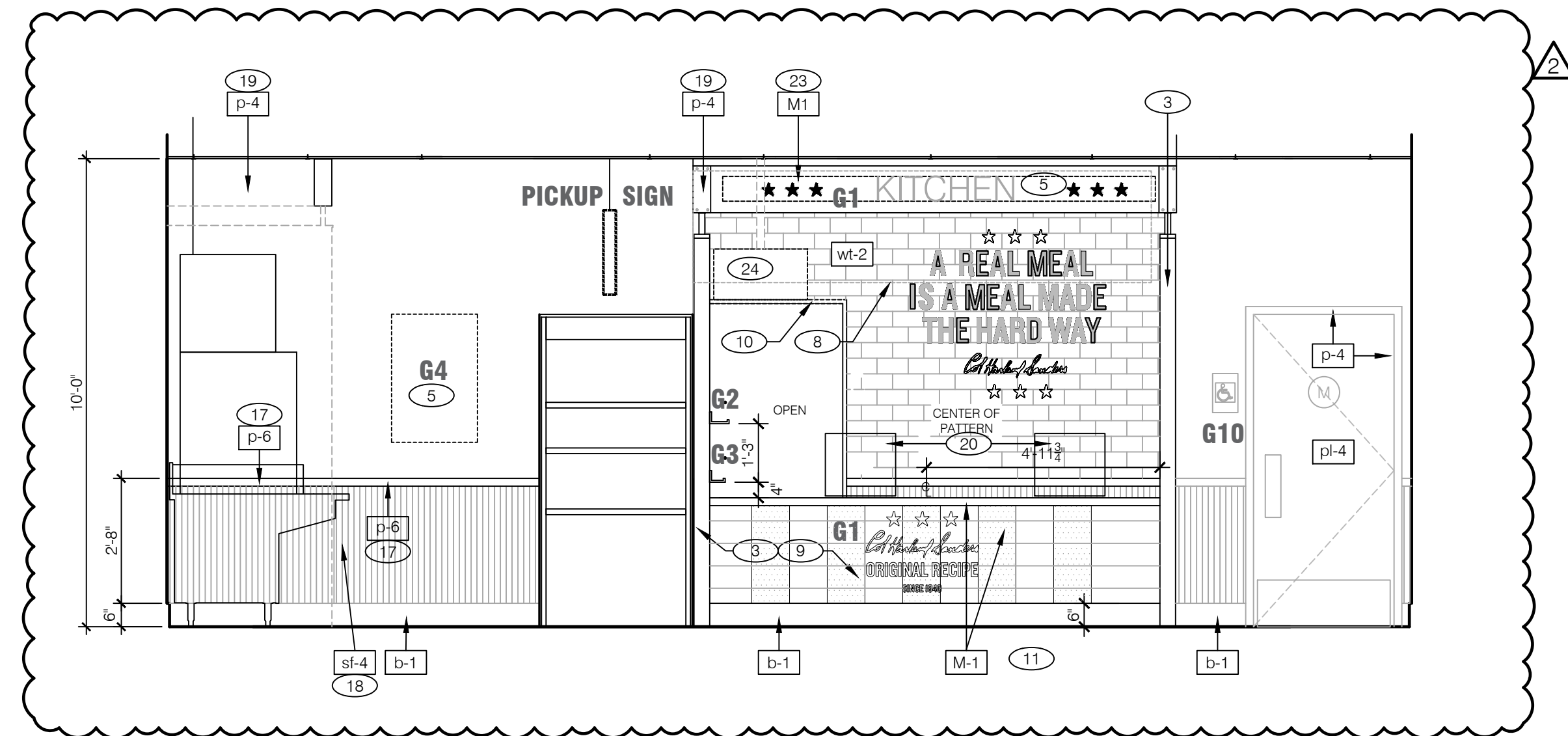


Kb 30-19

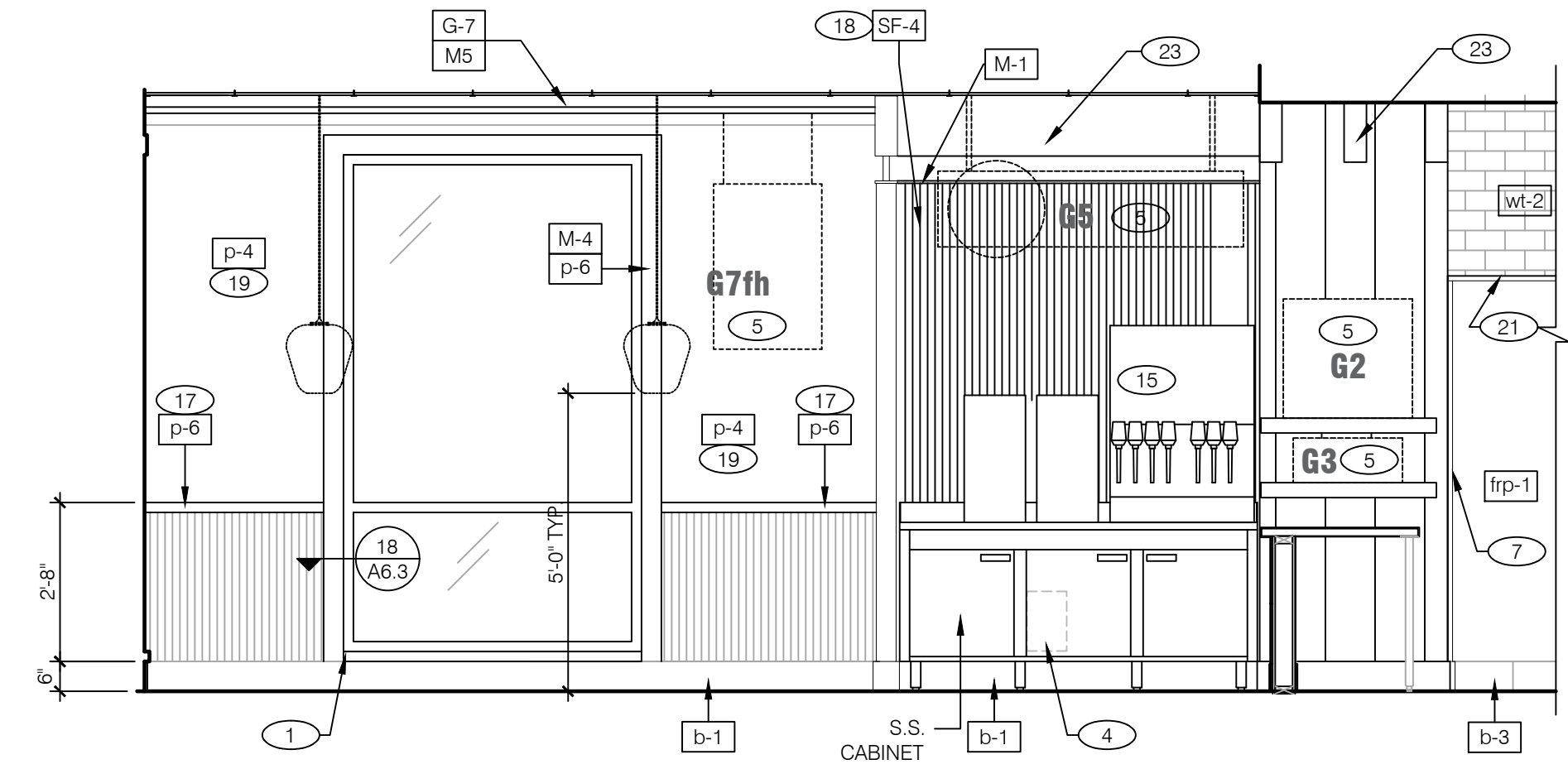
FINISH SCHEDULE - RESPONSIBILITY SCHEDULE

A7.2

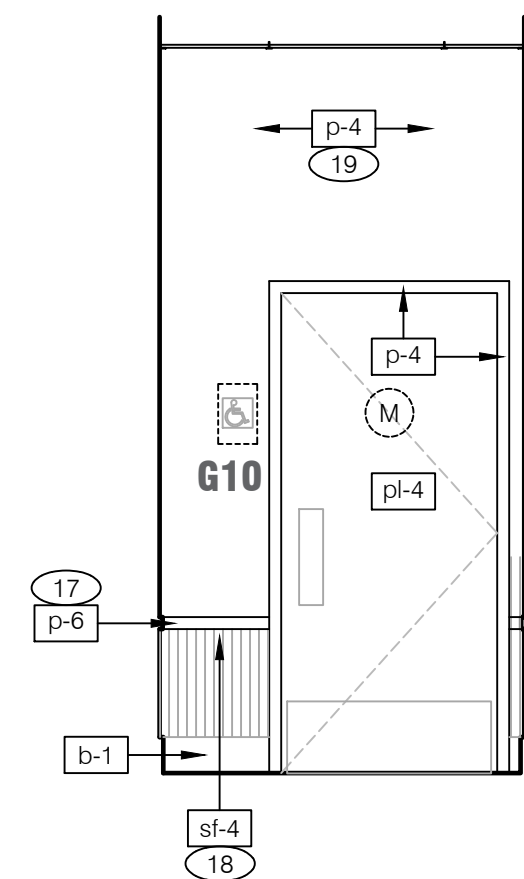
PLOT DATE: --/~/2020



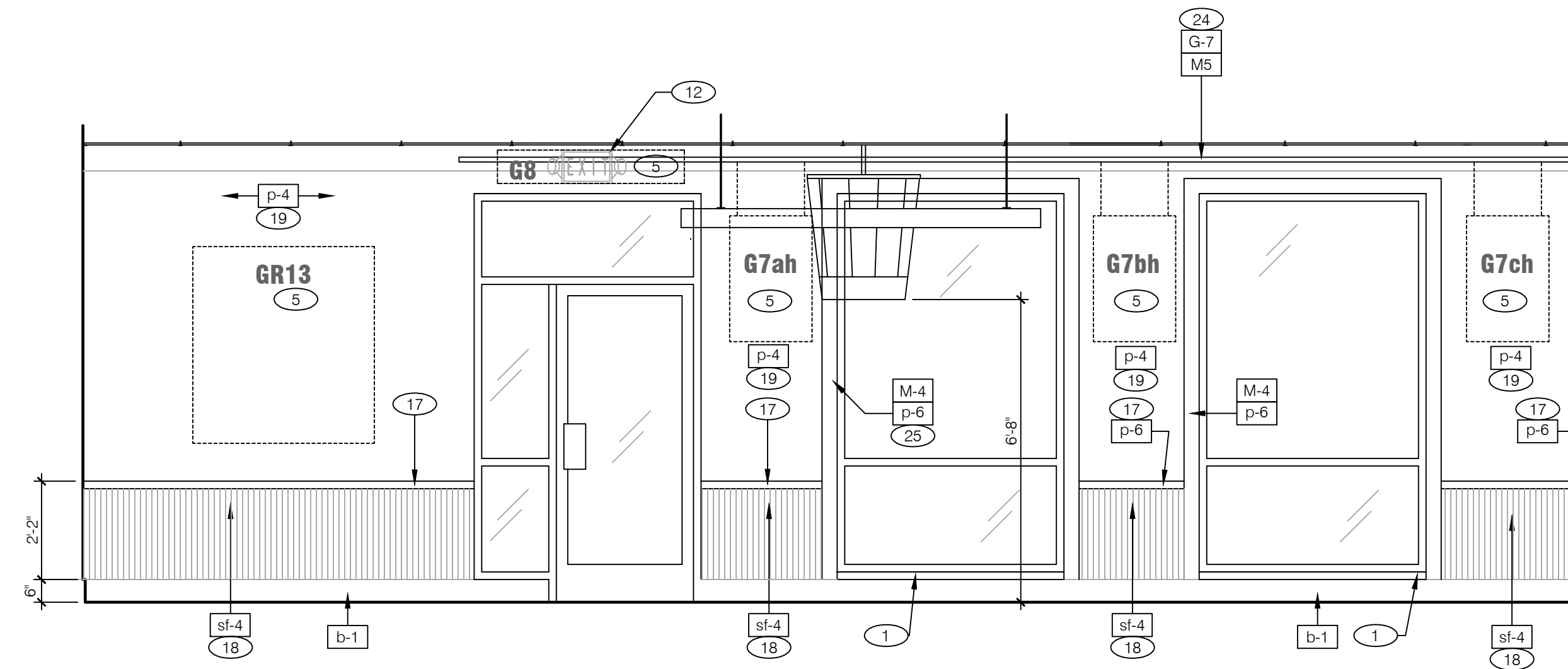
DINING ROOM 3/8" = 1'-0" 2



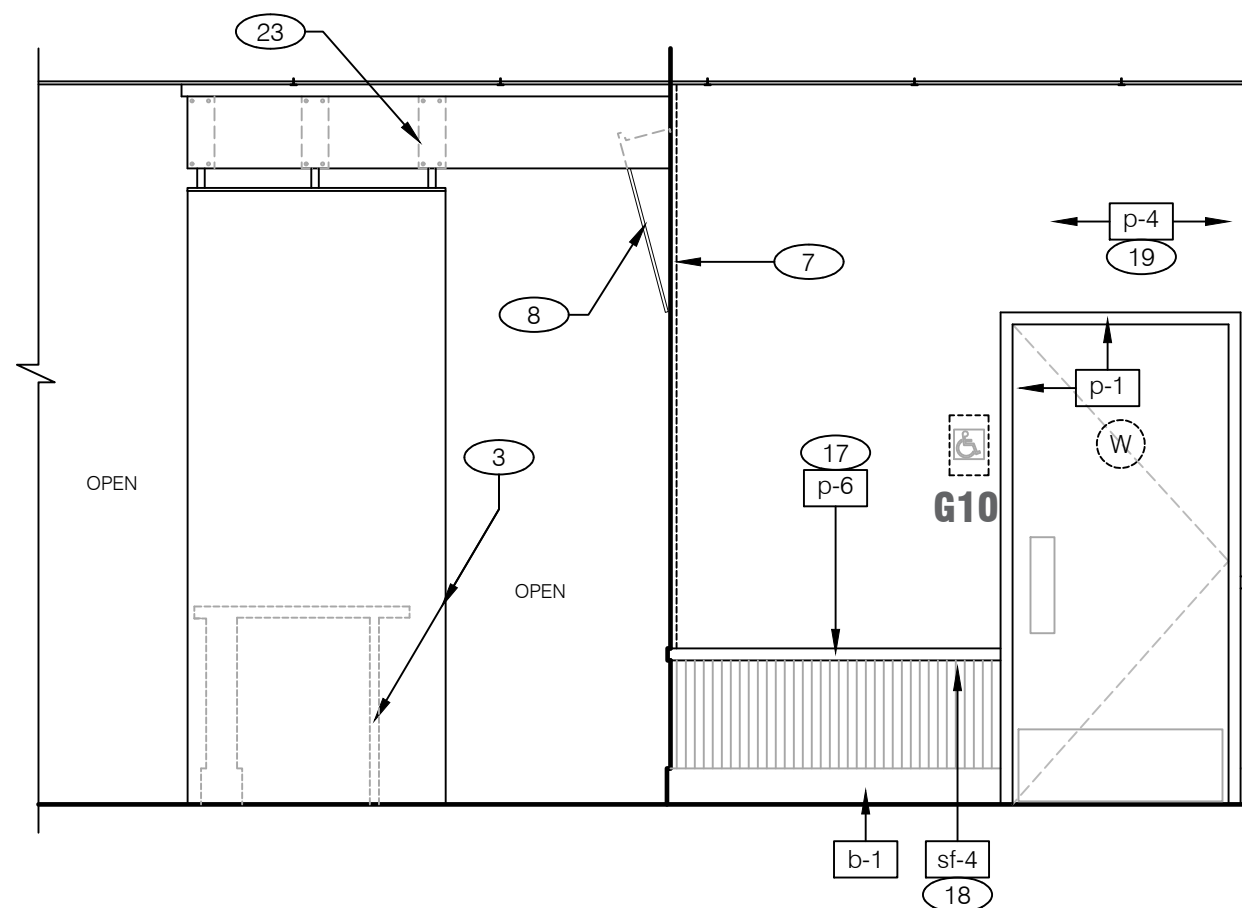
DINING ROOM 3/8" = 1'-0" 1



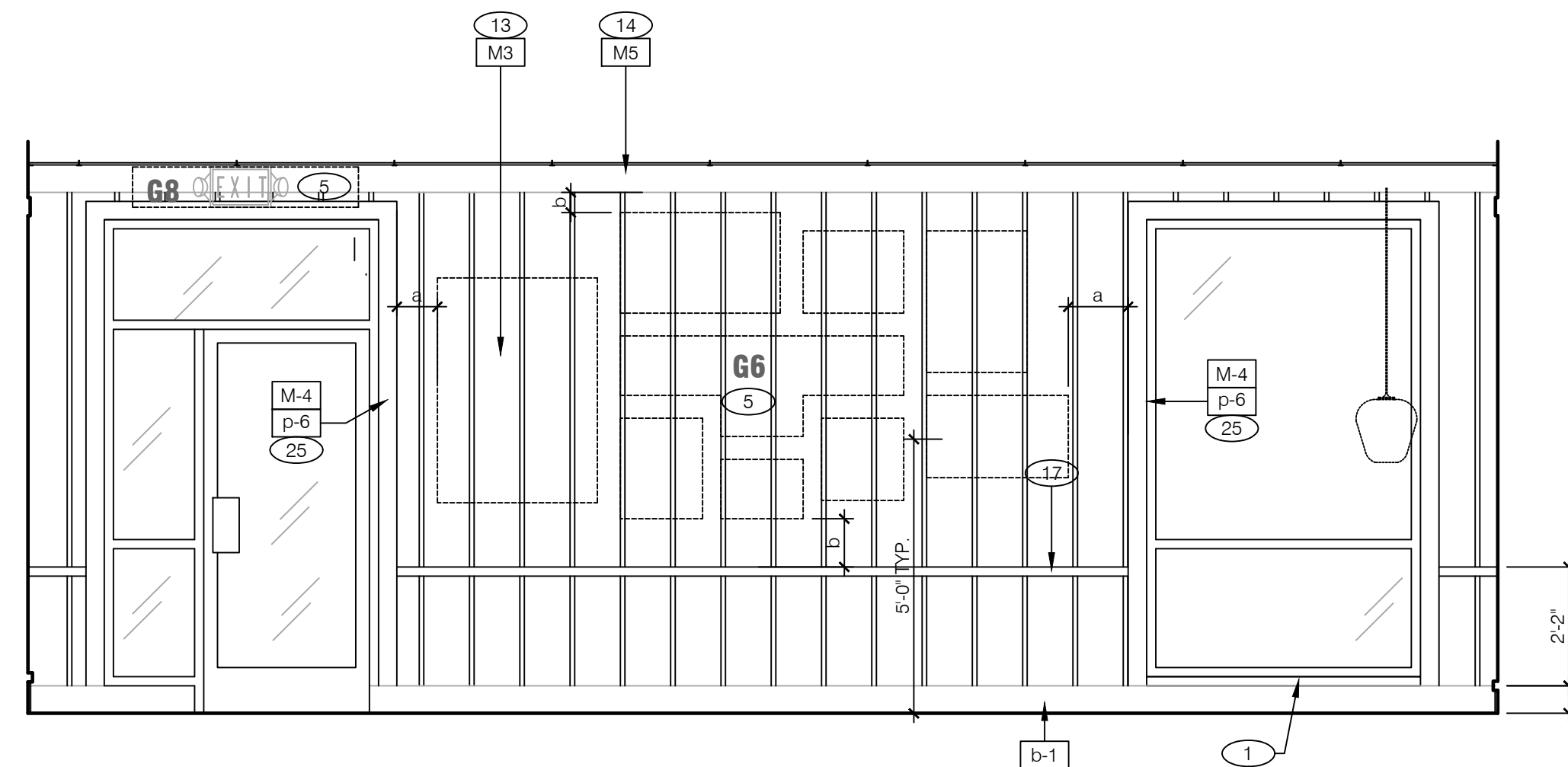
DINING ROOM 3/8" = 1'-0" 5



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



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



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

GENERAL NOTE:

1. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERTOPS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTERTOP 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

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HAROLD DANIEL HUTTER III
FL REG. AR89913

PLAN SET REVISIONS:

DATE	REVISION
4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

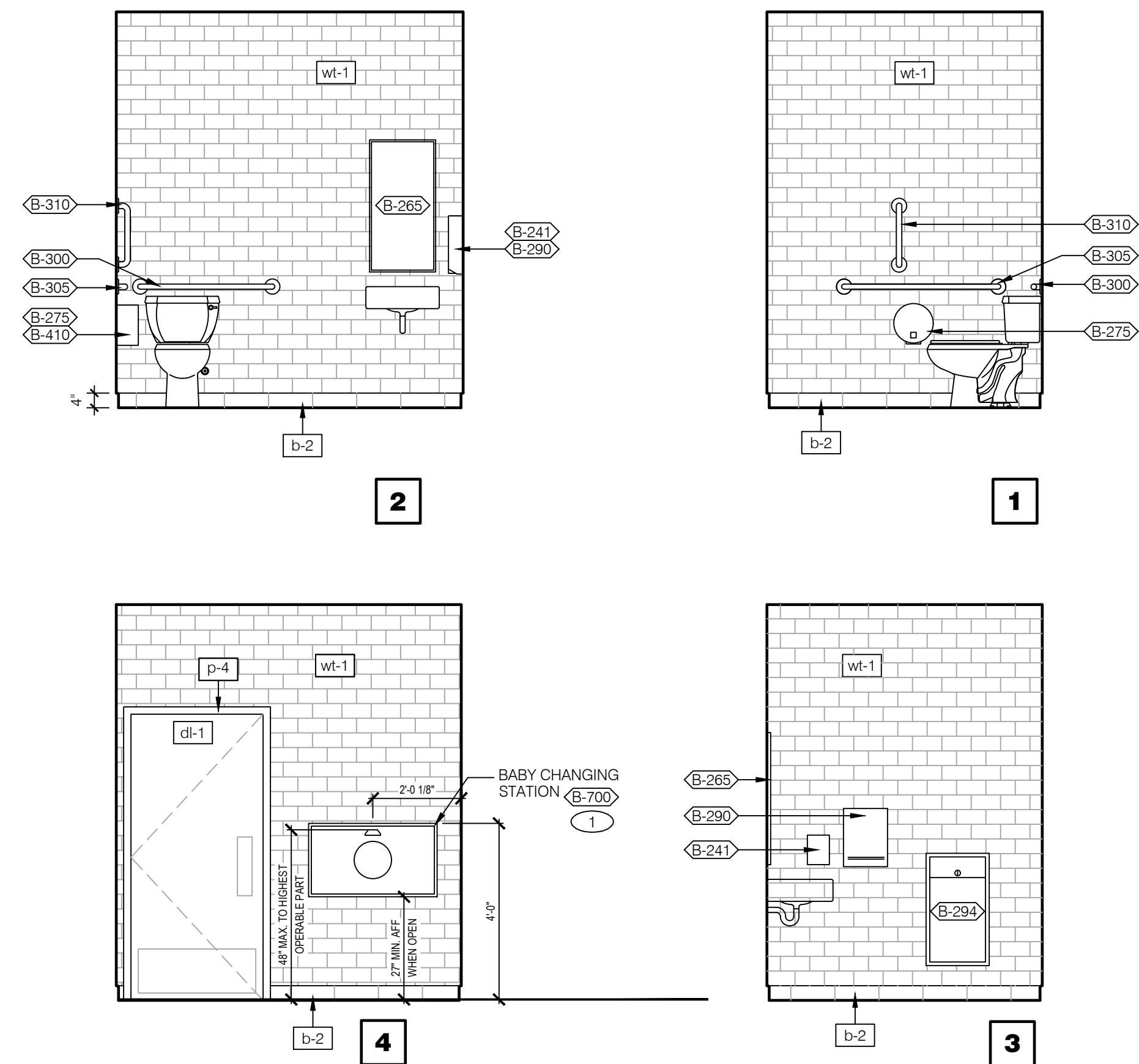


Kb 30-19

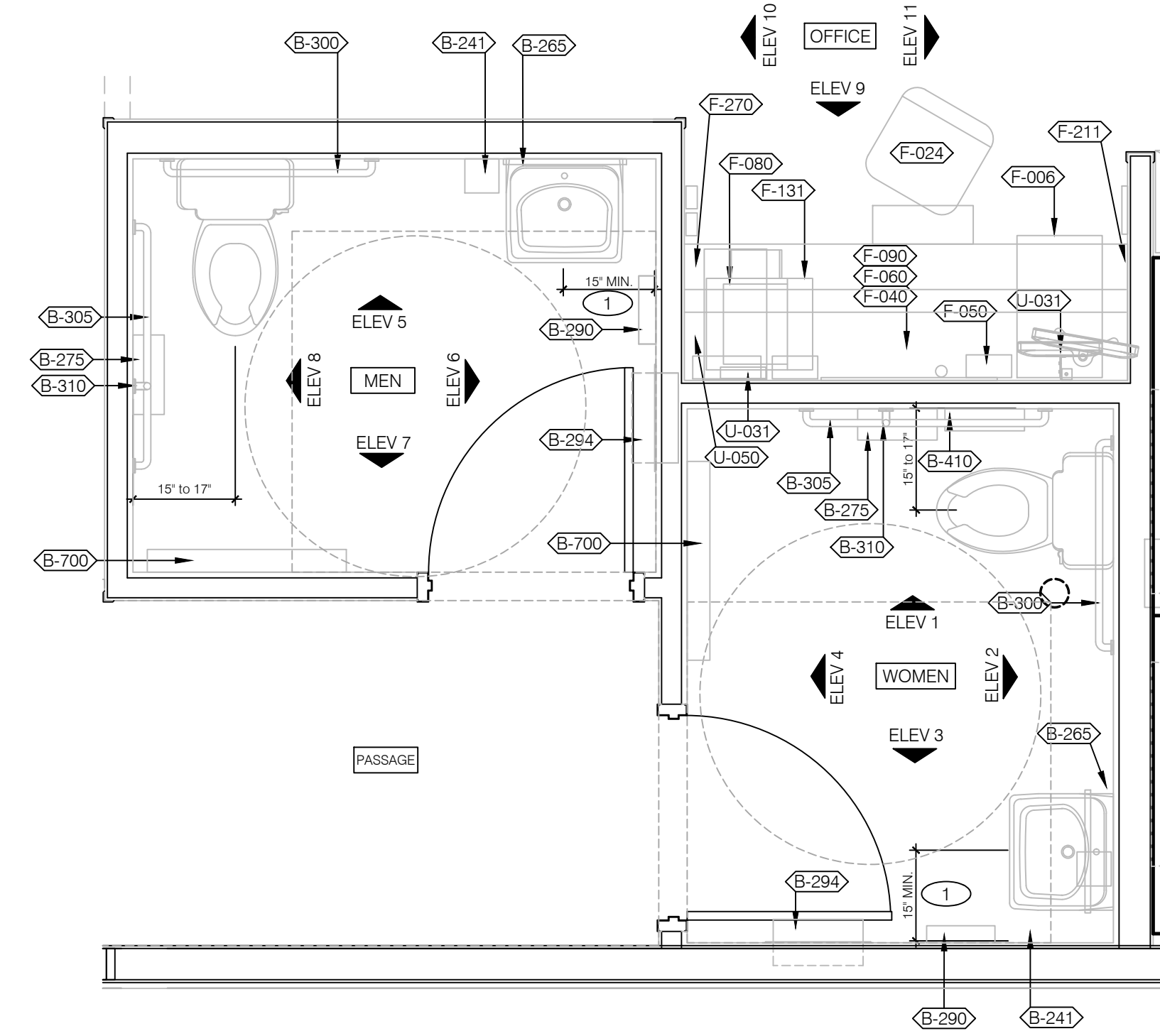
INTERIOR
ELEVATIONS -
DINING ROOM

A8.0

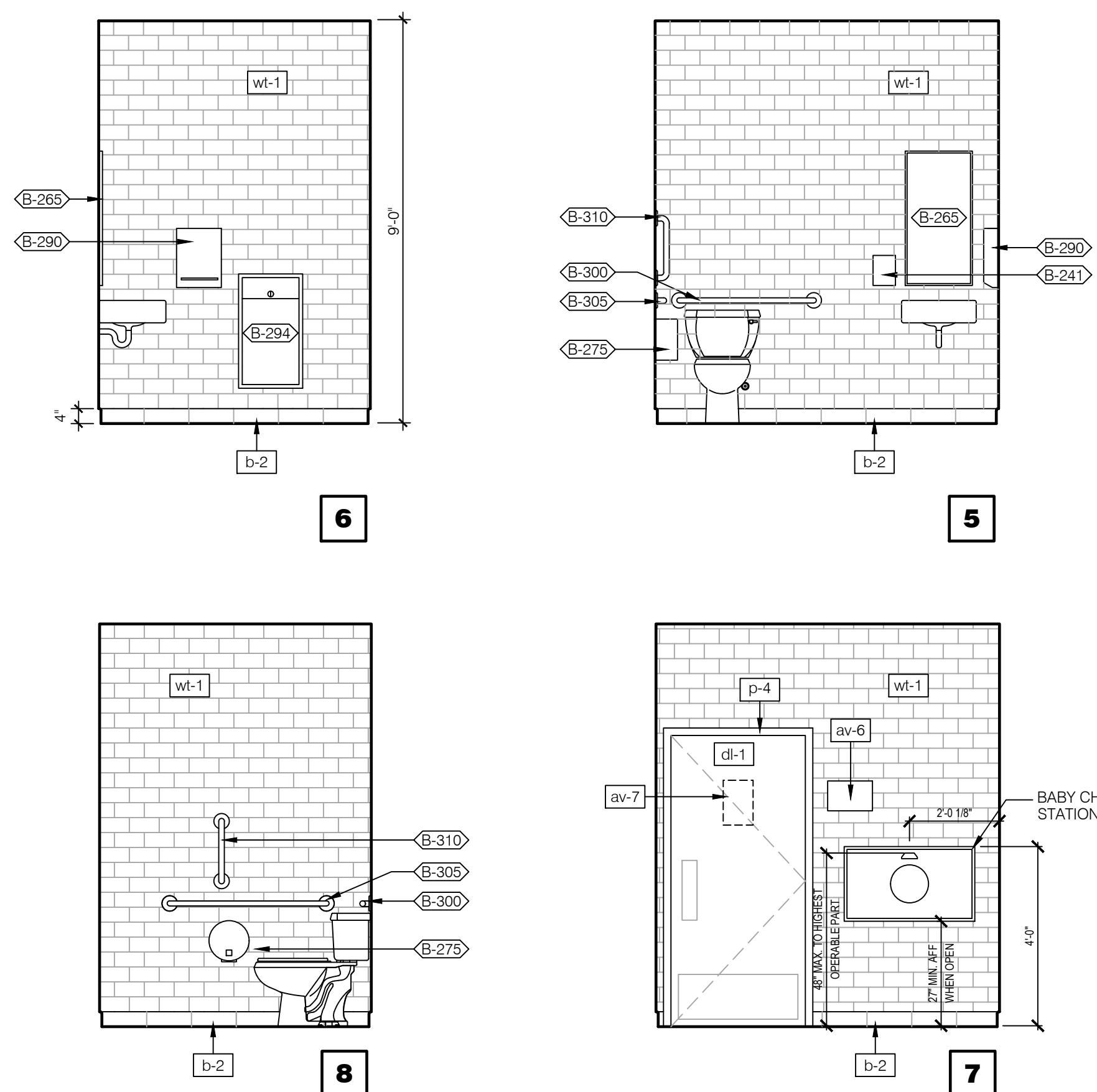
PLOT DATE: --/--/2020



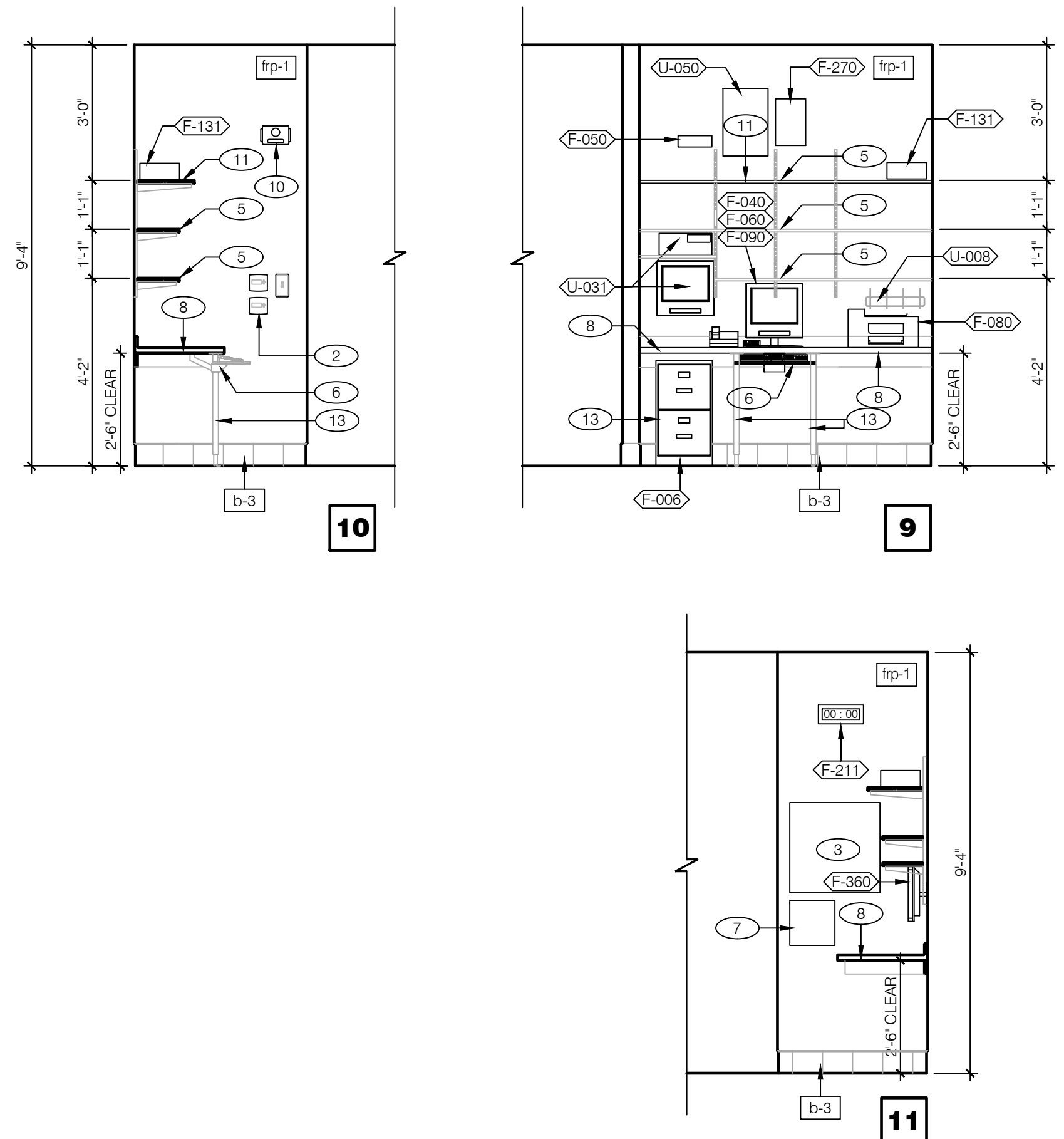
WOMEN'S RESTROOM 3/8" = 1'-0"



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



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



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

- GENERAL NOTES:**
- SEE DETAIL 1 / ADA1.0 FOR ACCESSIBILITY MOUNTING HEIGHTS AND CLEARANCES.
 - PROVIDE 2x BLOCKING AT ALL WALL MOUNTED ACCESSORIES.
 - GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
 - REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
 - REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
 - ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
 - FOR DESCRIPTIONS, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
 - VERIFY EQUIPMENT / SHELVING MOUNTING HEIGHT and LOCATION WITH OWNER.
- KEYNOTES:**
- PROVIDE 2X BLOCKING FOR WALL MOUNTED BABY CHANGING TABLES. INSTALL PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0 (B-XXX)
 - THERMOSTAT BY (EMS) SUPPLIER. SEE DETAIL 3 / E3.1.
 - TELEPHONE TERMINAL BOARD.
 - HOLD UP BUTTON (SECURITY SYSTEM SUPPLIER).
 - 12" DEEP WHITE MELAMINE SHELVING W/ 11.5" SHELF BRACKETS. SEE DETAIL 10 / A6.2.
 - UNDER COUNTER KEYBOARD TRAY.
 - 12" x 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
 - 1-1/2" LAMINATE COUNTERTOP w/ INTEGRAL SPLASH. SEE DETAIL 10 / A6.2 FOR SUPPORT SYSTEM, SEE SHEET A7.2 FOR FINISHES.
 - GROMMET; COORDINATE LOCATIONS WITH OWNER.
 - DATA CONCENTRATOR (ROUTER) BY (EMS) SUPPLIER. SEE SHEETS E3.1 and E6.1.
 - 16" DEEP WHITE MELAMINE SHELVING @ TOP SHELF OVER MONITORS ONLY. SEE DETAIL 10 / A6.2.
 - NOT USED.
 - S.S. COUNTERTOP SUPPORT LEG w/ ADJUSTABLE BASE (BY G.C.). QTY. 4.
 - SCHLUTER SYSTEM - SCHIENE - RADIUS, R/AE100, 3/8", SATIN ALUMINUM.
 - 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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HAROLD DANIEL HUTTER III
 FL. REG. AR88913

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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



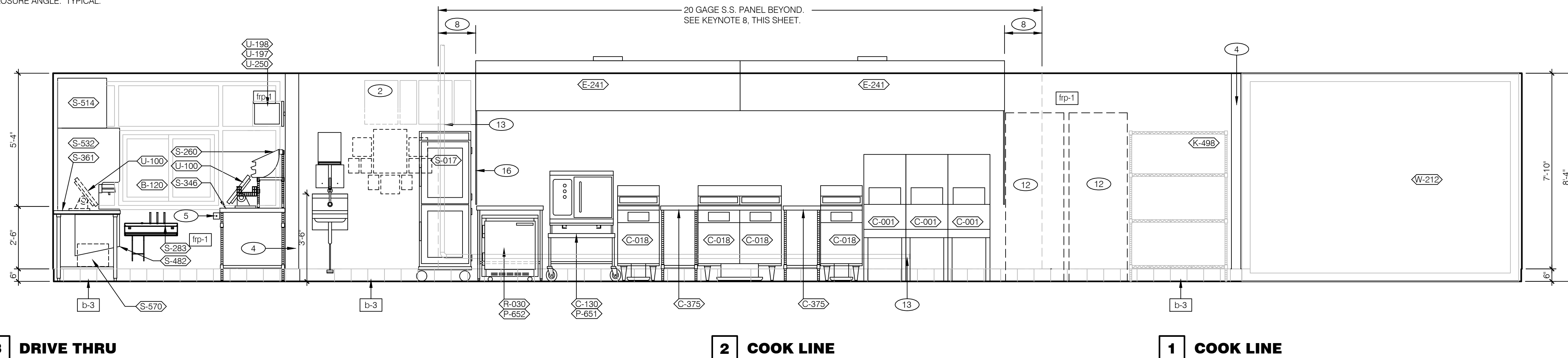
Kb 30-19
**INT. ELEV'S
 ENLARGED
 RESTROOM /
 OFFICE PLAN**

A8.1

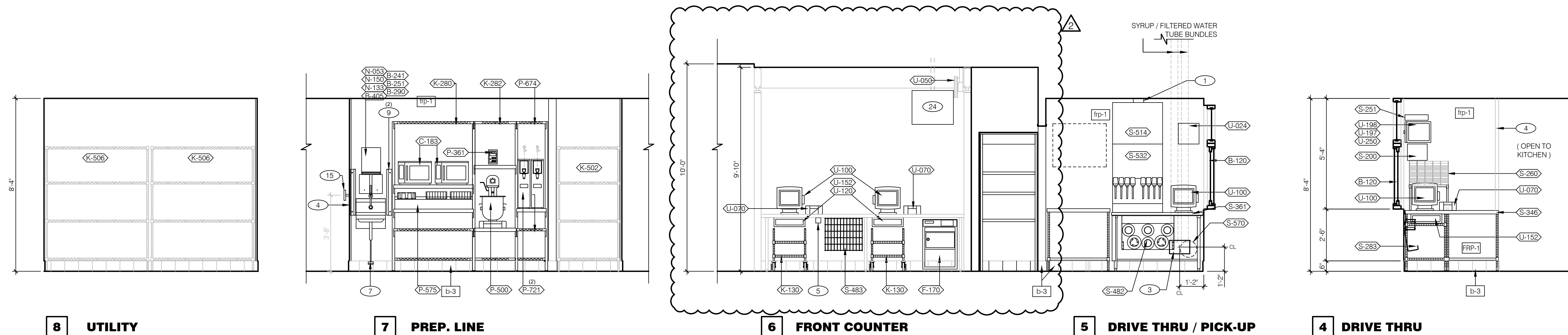
PLOT DATE: --/--/2020

GENERAL NOTE:

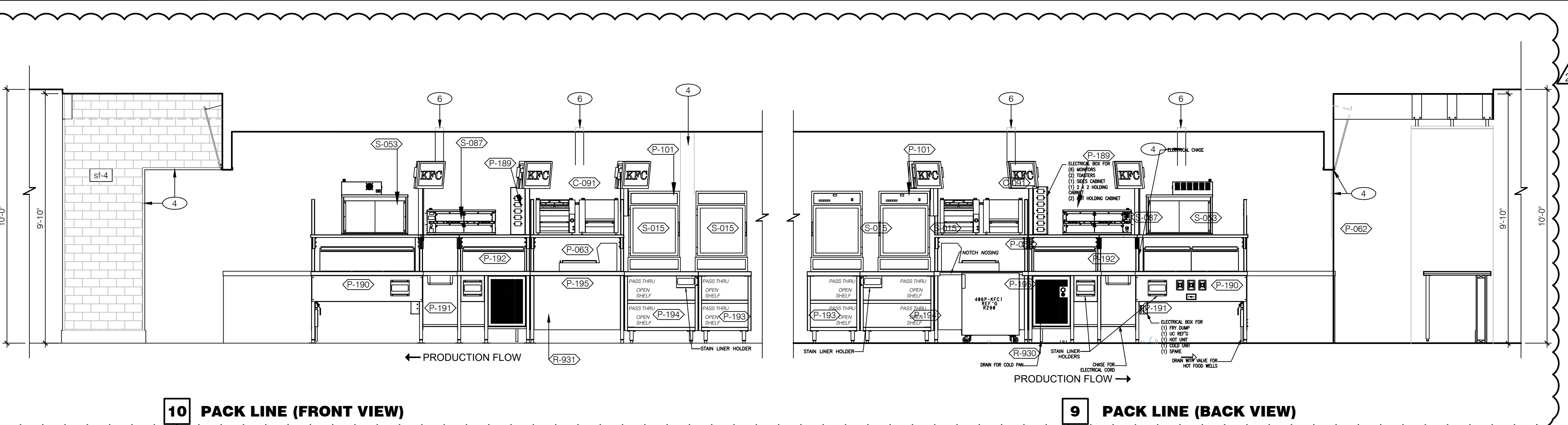
PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE. TYPICAL.



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



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



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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PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

CONTRACT DATE: ...-2019

BUILDING TYPE: Kb 30-19

PLAN VERSION: 2018.A

SITE NUMBER:


ENTITY NUMBER:

STORE NUMBER:

LIS PROJECT: 2019-304

KFC

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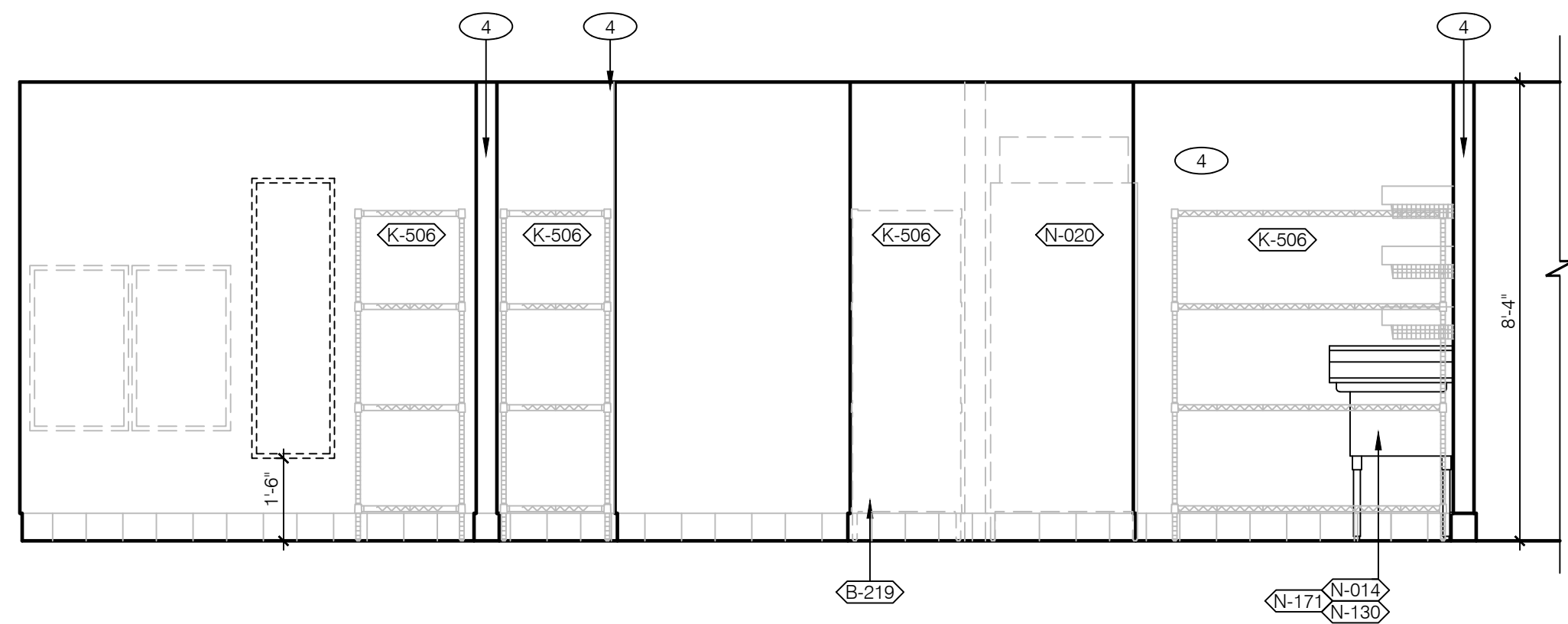


Kb 30-19

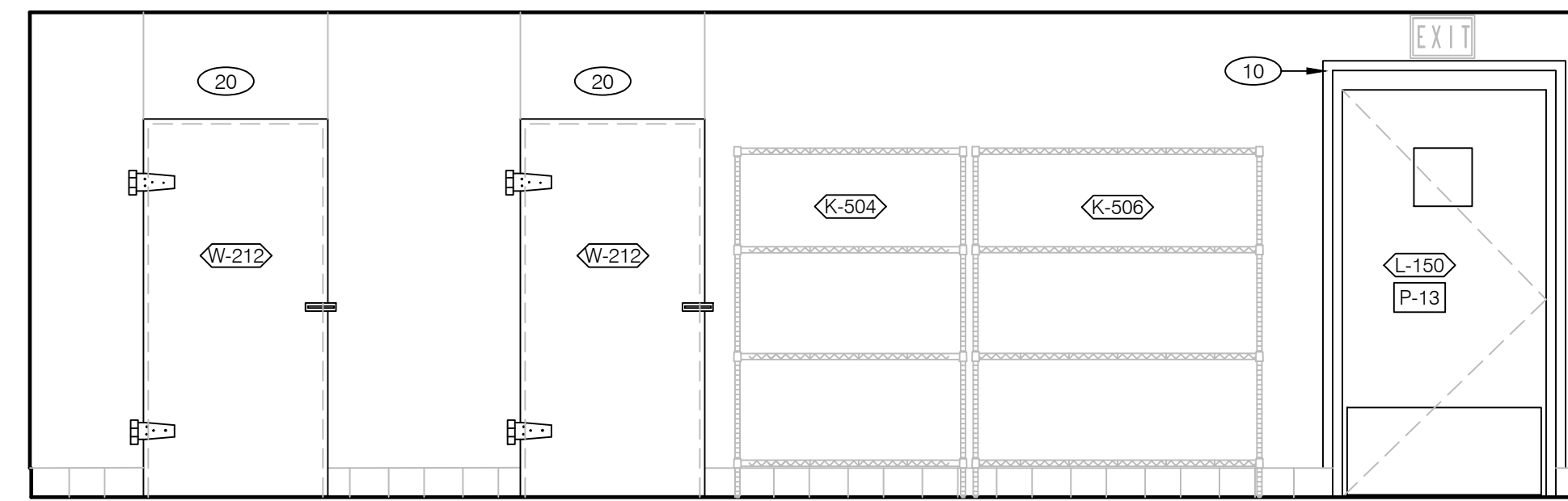
**INTERIOR
ELEVATIONS
KITCHEN**

A8.2

PLOT DATE: --/--2020



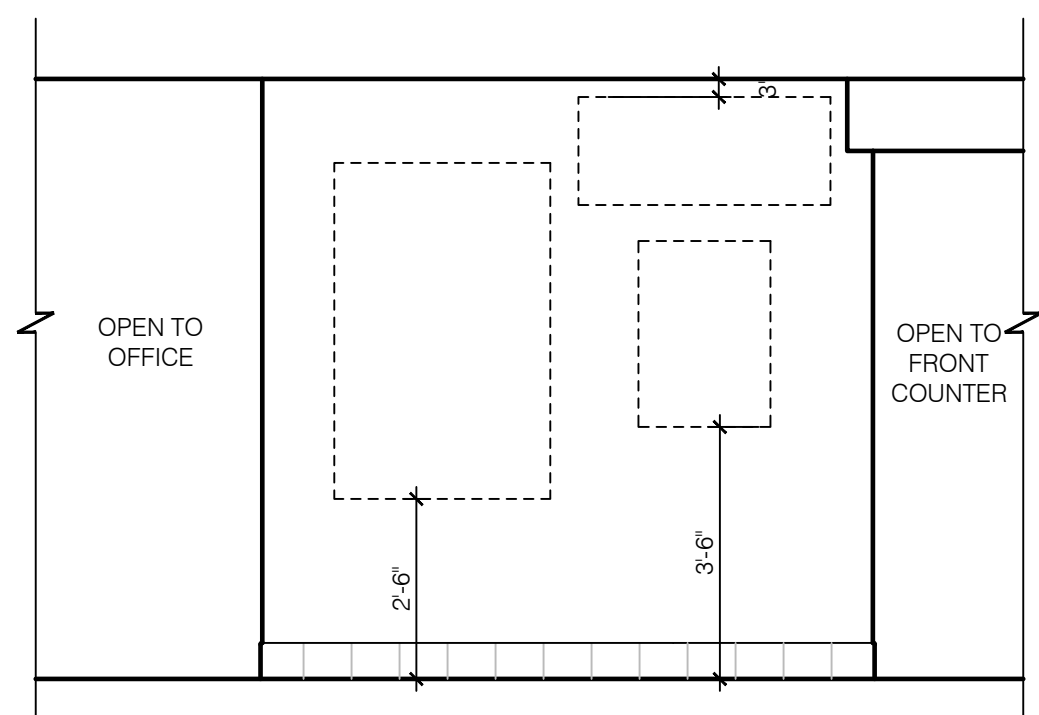
13 UTILITY / DRY STOR. / WARE WASHING



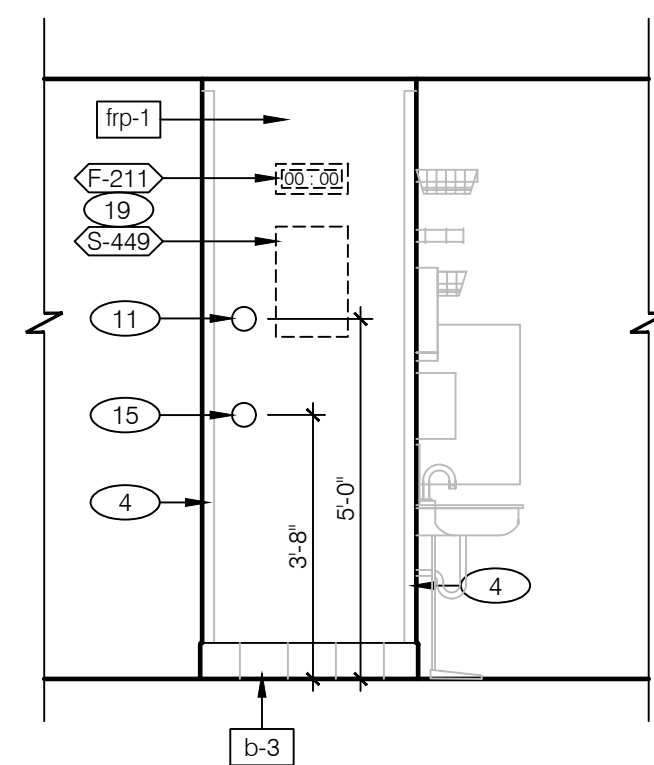
12 COOLER / FREEZER BOX

11 UTILITY

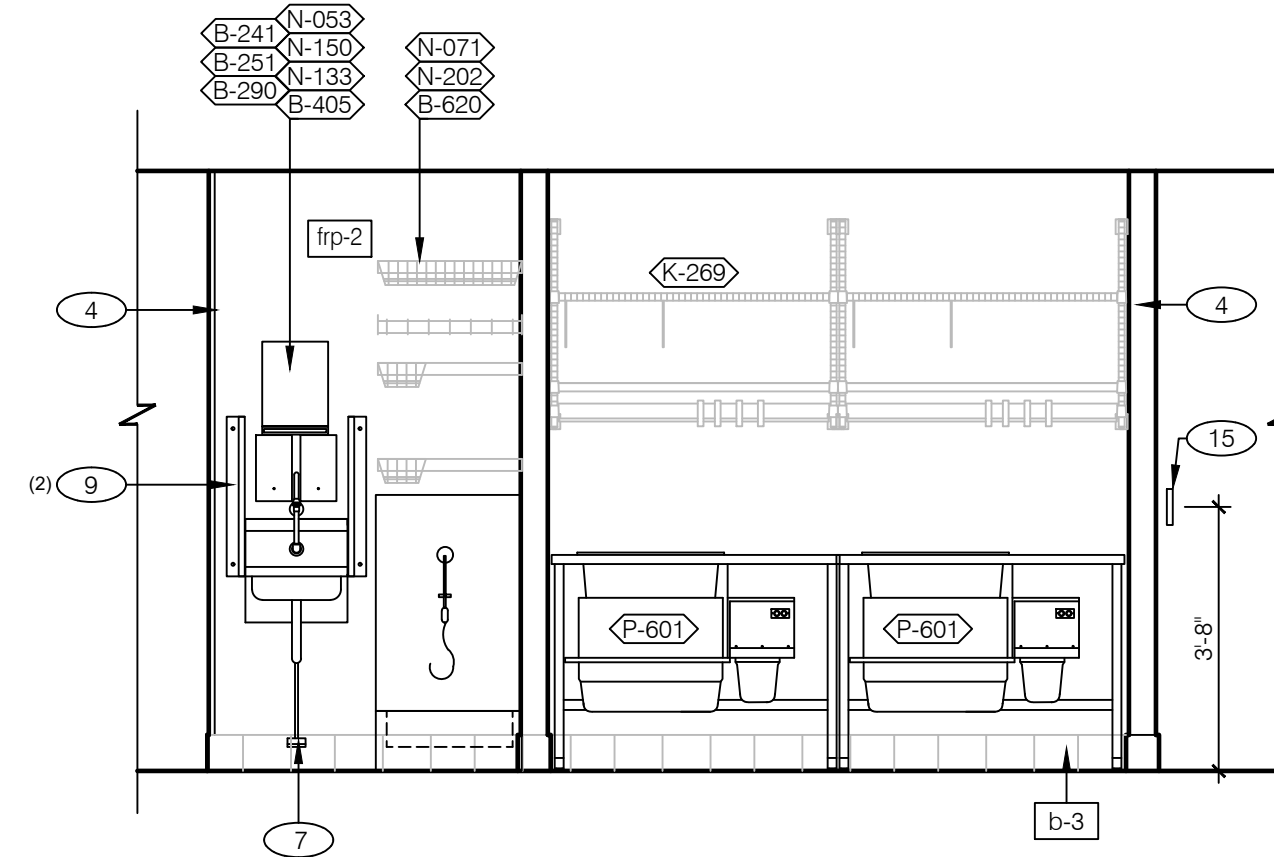
KITCHEN ELEVATIONS 3/8" = 1'-0"



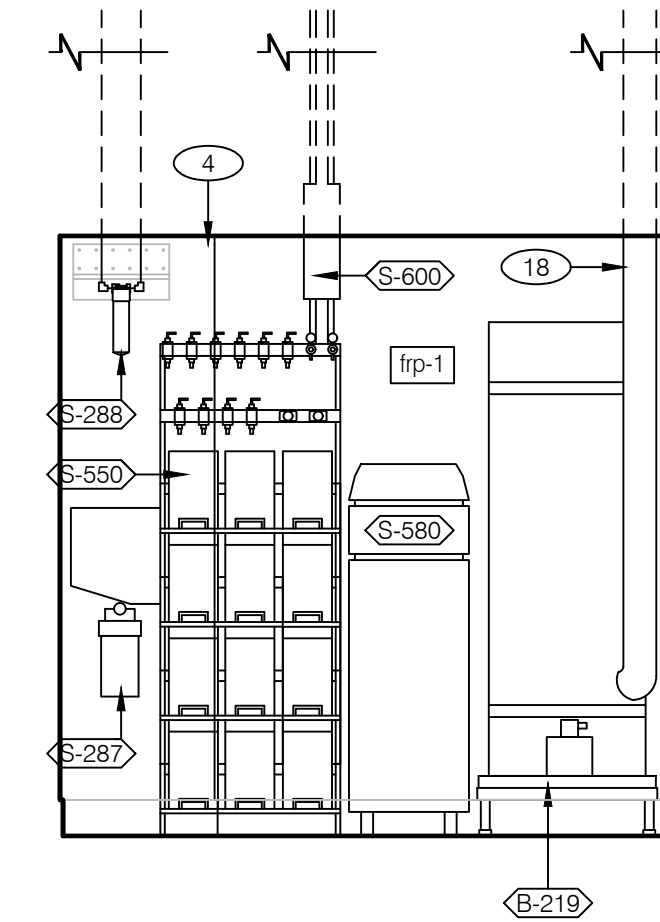
18 ART WALL



17 PREP END WALL



15 PREP



14 UTILITY

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

ARCHITECTURE
ENGINEERING

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HAROLD DANIEL HUTTER III
FL REG. AR98913

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
△	
△	
△	
△	
△	
△	

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



INTERIOR ELEVATIONS KITCHEN

A8.3

PLOT DATE: --/--/2020

- 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-MOUNTED 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.

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

**ALL KEYNOTES NOT ON THIS SHEET

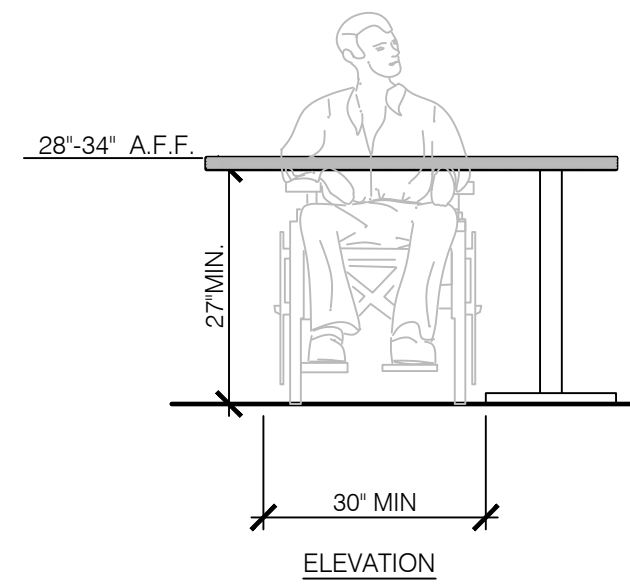
KEY NOTES A

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

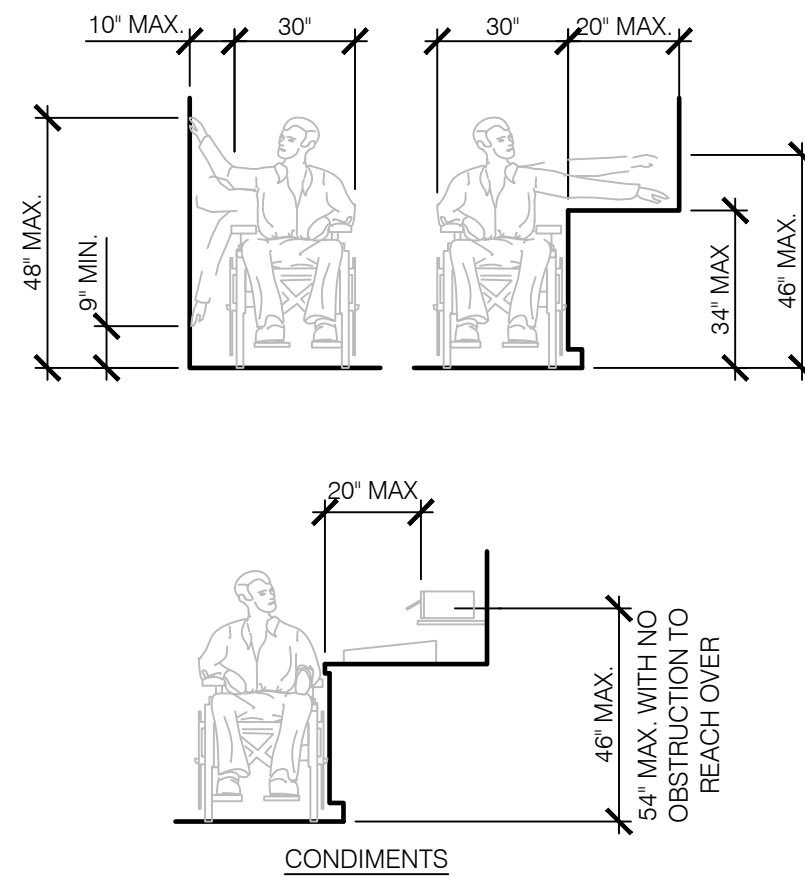
NUMBER OF ACCESSIBLE SEATS

CORRESPONDING REACH HEIGHTS FOR GIVEN DEPTHS:

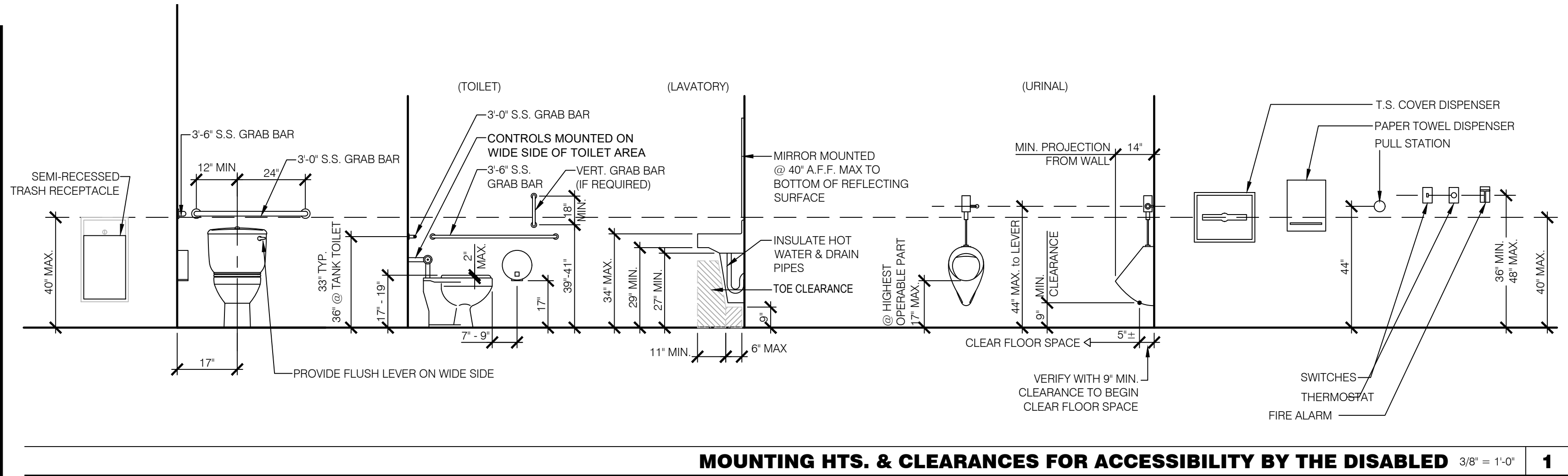
when D < 10', then H = 54.0' MAX.
 when D = 10', then H = 53.5' MAX.
 when D = 12', then H = 53.0' MAX.
 when D = 13', then H = 52.5' MAX.
 when D = 14', then H = 52.0' MAX.
 when D = 15', then H = 51.5' MAX.
 when D = 16', then H = 50.5' MAX.
 when D = 17', then H = 50.0' MAX.
 when D = 18', then H = 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.



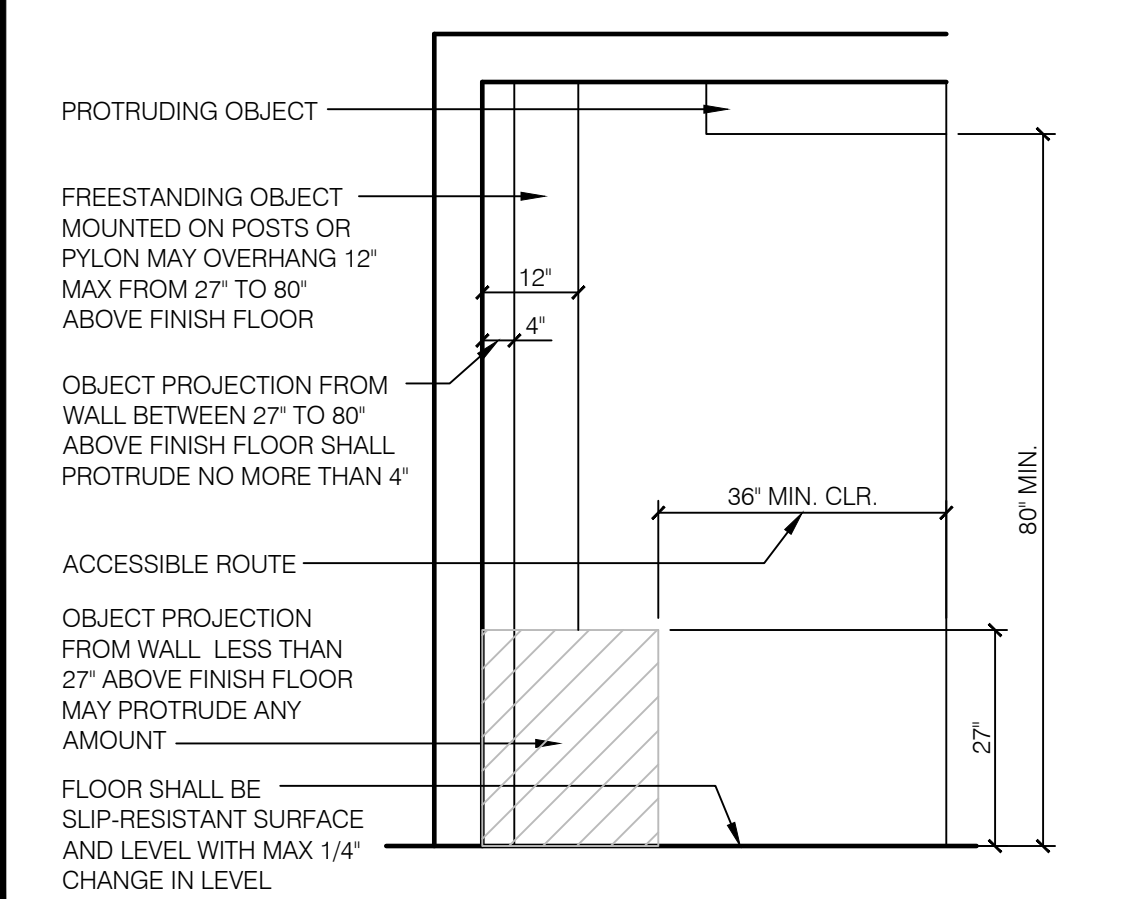
SEATING AND TABLES N.T.S. **18**



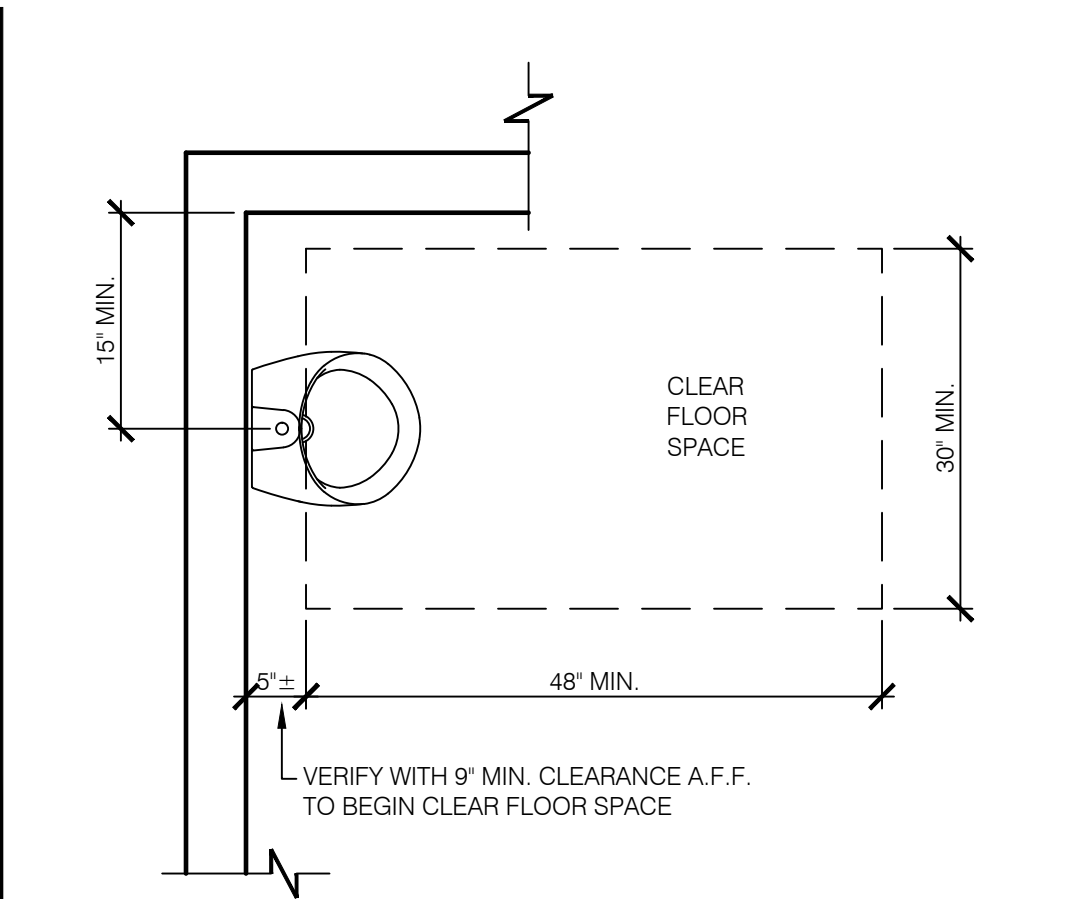
REACH RANGES N.T.S. **14**



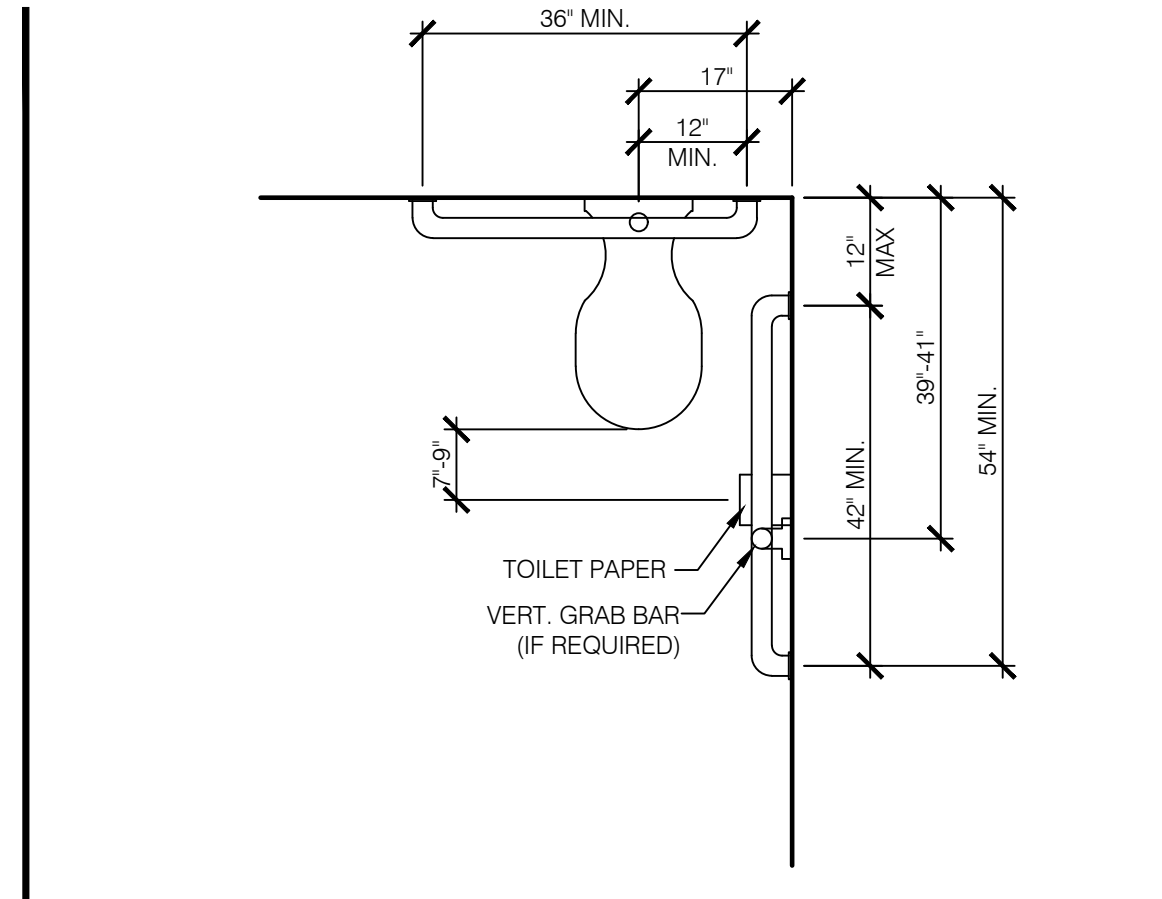
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED 3/8" = 1'-0" **1**



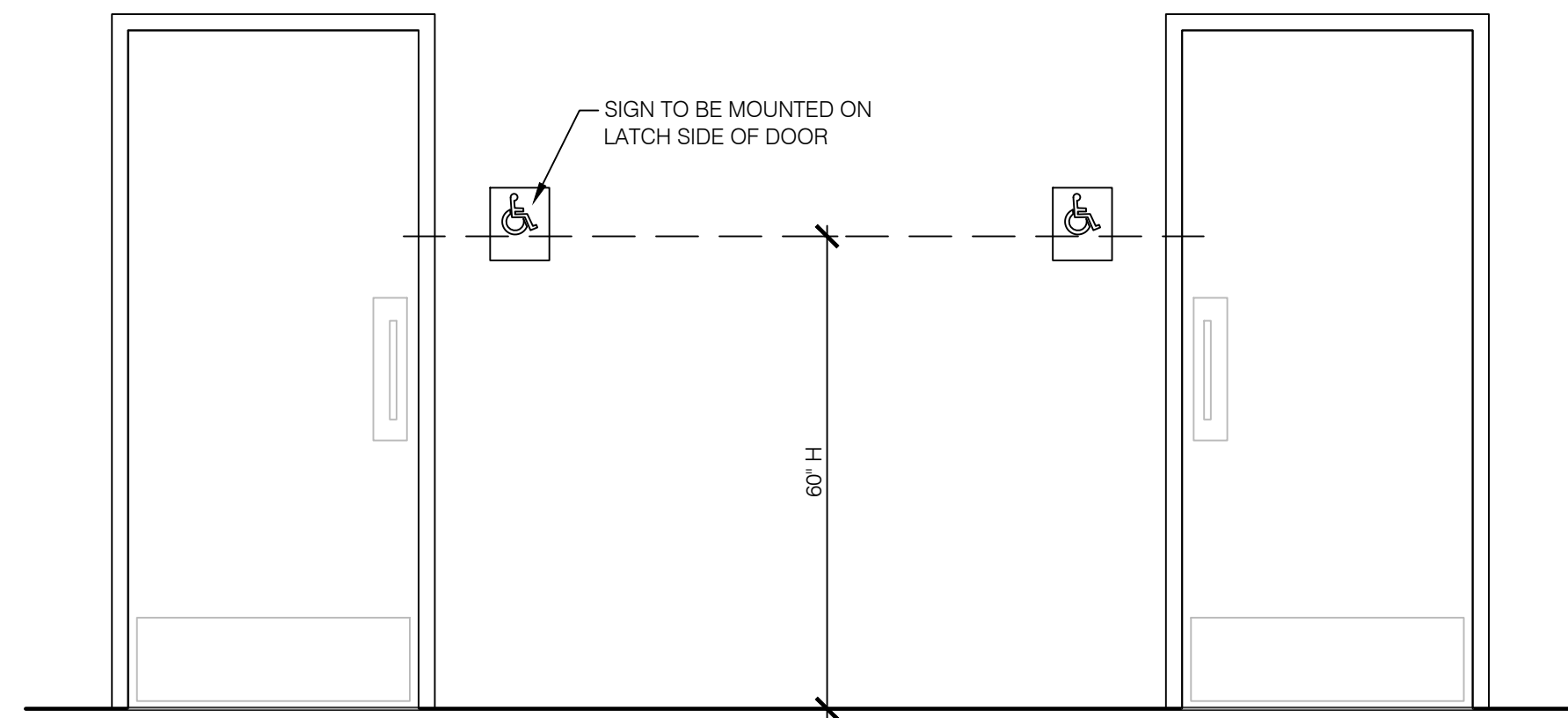
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



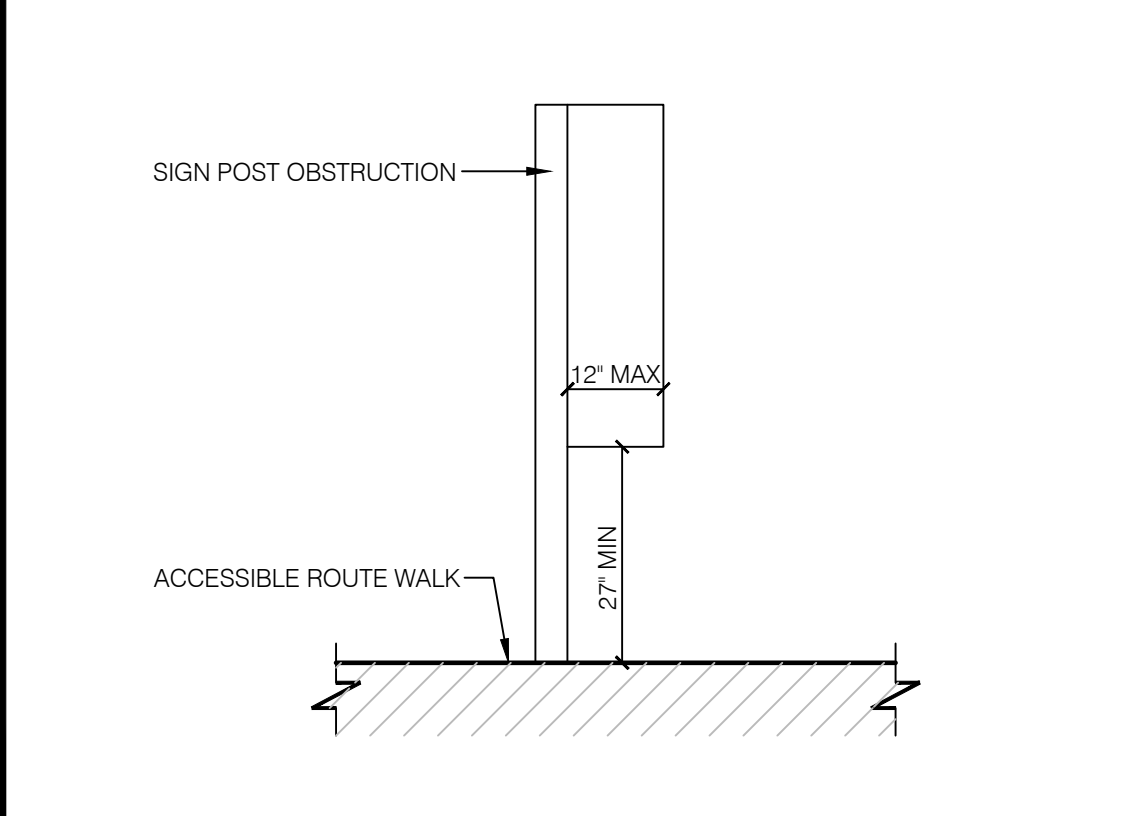
ACCESSIBLE URINAL 3/4" = 1'-0" **6**



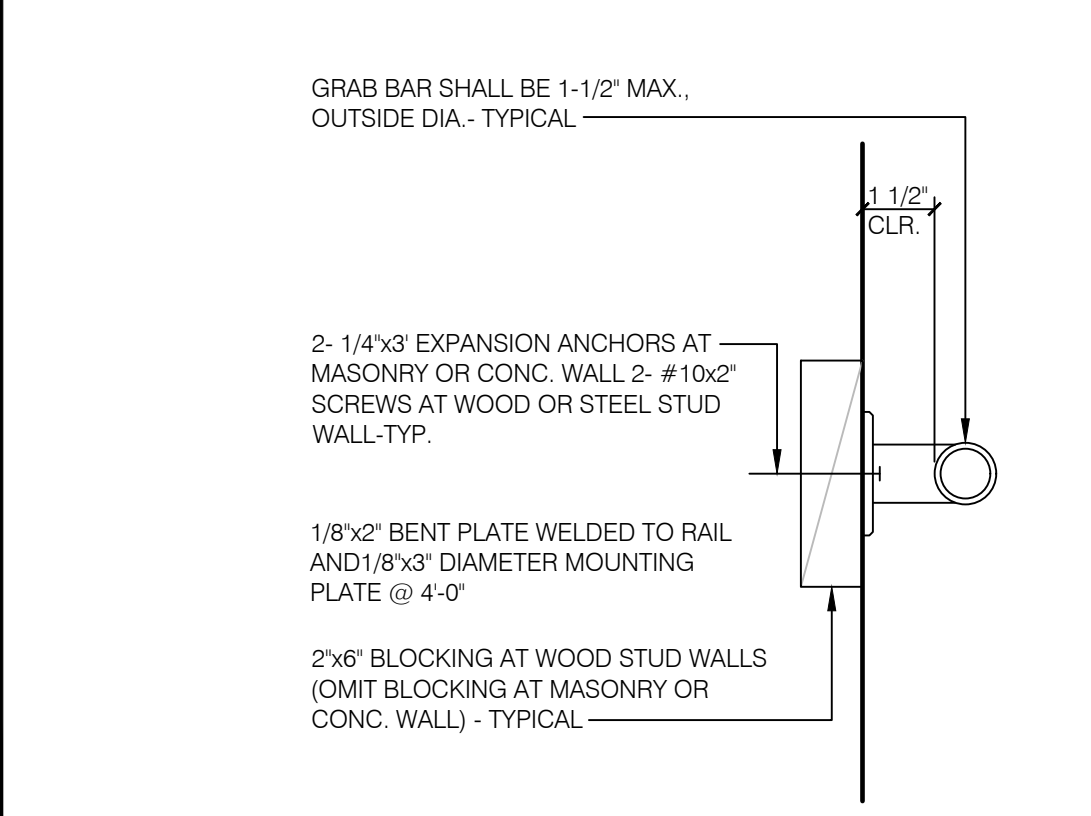
STANDARD TOILET STALL N.T.S. **2**



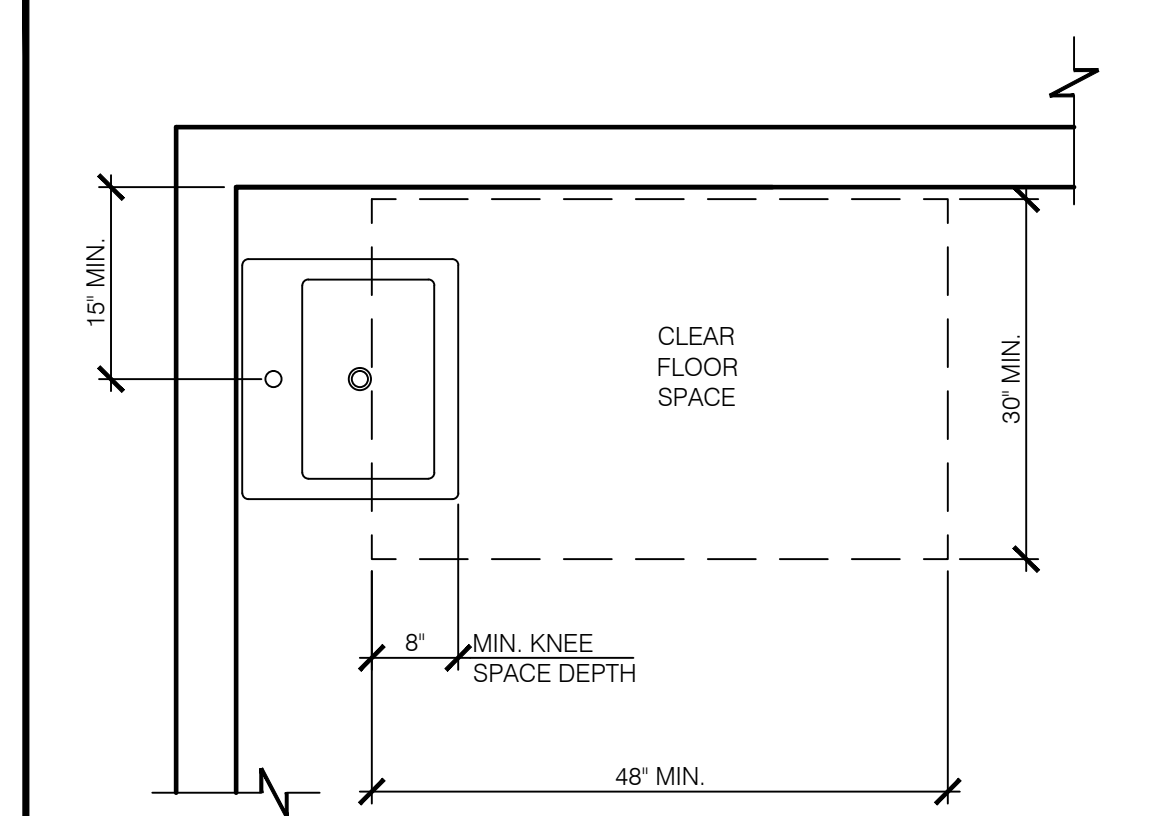
ACCESSIBLE RESTROOM DOORS N.T.S. **15**



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



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



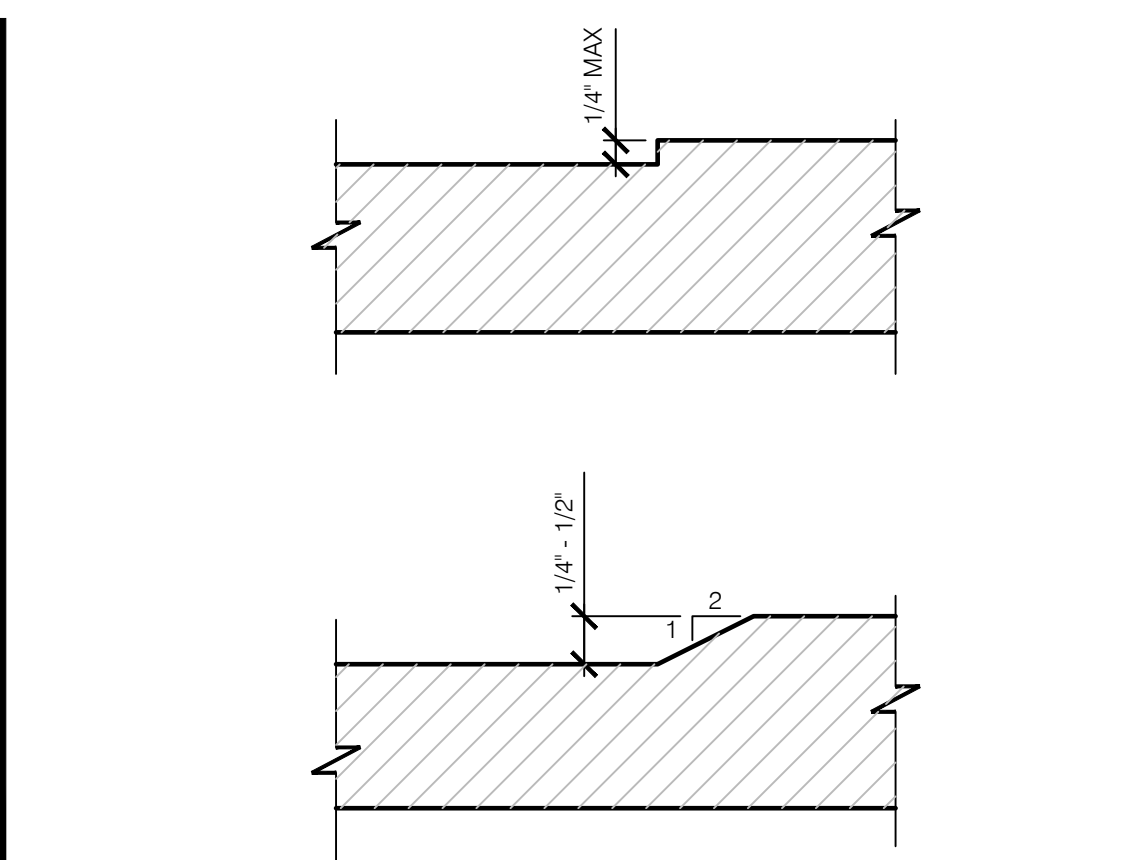
ACCESSIBLE LAVATORY 3/4" = 1'-0" **3**



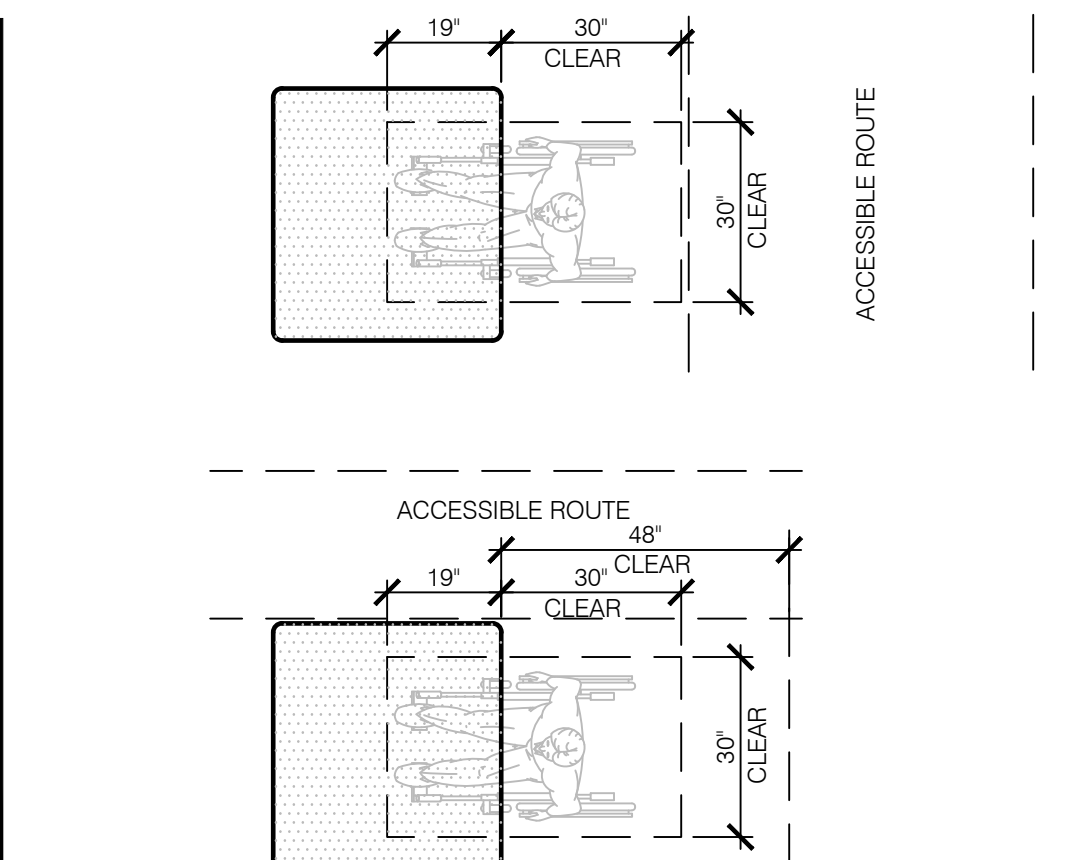
NOT USED **20**



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



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



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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 LIS PROJECT: 2019-304

KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL
 Kb 30-19

ACCESSIBILITY REQUIREMENTS
ADA .1
 PLOT DATE: --/--/2020

GENERAL:

- LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS.
- 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.
- PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.
- ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY GC

HVAC:

- INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS, IF REQUIRED.
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS.
- 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.
- FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF WORK.
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- ALL DUCTWORK SHALL BE EXTERNALLY INSULATED.
- ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 10'-0" WHICH MAY BE FLEX.
- 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.
- 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.
- ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE ACCESS PANELS TO DAMPERS. SEE 8 / M4.0.
- ALL UTILITY PIPING FOR RTU's SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.
- ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
- SEE 8 / M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
- 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.
- THERMOSTATS: SEE SCOPE OF WORK.
- REMOTE THERMOSTAT SENSORS; SEE SCOPE WORK.
- 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

XX-XXX MARK	AREA SERVED	FAN DATA					COOLING CAPACITY			HEAT CAPACITY			UNIT ELECT DATA			MAX UNIT WEIGHT (LBS)	MANUFACTURER AND MODEL NUMBER	REMARKS
		SUPPLY CFM	MIN O.A. CFM	ESP	HP	RPM	NOM TONS	MIN CAP (MBH) TOT/SEN	MIN EER	ELEC (kw)	PHASE (STAGES)	VOLTS/ PH	MCA	MCCP				
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:

- 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.
- SPECIFIED RTU'S ARE DOWN DISCHARGE PACKAGED ELEC/ELEC ROOFTOP UNITS WITH MINIMUM 2-STAGE COOLING. INCLUDES THROUGH THE ROOF CURB POWER & CONDENSATE DRAIN.
- 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.
- SPECIFIED UNIT INCLUDES A UN-POWERED CONVENIENCE OUTLET AND SMOKE DUCT DETECTOR IN THE RETURN DUCT OF UNIT.
- SPECIFIED UNIT INCLUDES FACTORY INSTALLED HOT GAS REHEAT OPTION.
- SUPPLY AIR TEMPERING (SEE GENERAL NOTE 19, THIS SHEET): WINTER DESIGN DB TEMP. 47 DEG. F OR LESS HOT 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

XX-XXX MARK	CFM	SP	RPM	HP	ELECT	STARTER	ACCESSORIES				MANUFACTURER AND MODEL NUMBER	REMARKS	
							DISC	BDD	BIRD SCREEN	V-BELT			
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:

- UL 762 LISTED (GREASE)
- VENTED ROOF CURB
- ROOF CURB
- GREASE TROUGH
- HINGED ROOF CURB
- WEATHERPROOF DISCONNECT SWITCH
- SOLID STATE SPEED CONTROLLER
- BACKDRAFT DAMPER
- EXHAUST FANS PROVIDED BY HOOD MANUFACTURER. REFER TO HOOD DRAWINGS FOR MORE INFORMATION.

FAN SCHEDULE 2

XX-XXX MARK	QUANTITY	NECK SIZE	DIFFUSER FACE OR CEILING GRID SIZE	TYPE			AIR PATTERN	MOUNTING		DUTY			MATERIAL		MANUFACTURER	MODEL NUMBER	REMARKS
				DIFFUSER REGISTER	GRILL			LAY-IN	SURFACE	SUPPLY	RETURN	EXHAUST	ALUMINUM	STEEL			
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		METAL-AIRE / TITUS	CC5-FB-TB / 50FF	FRN SQUARE to ROUND ADAPTER, FULLY REMOVABLE FACE

NOTES:

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

AIR DEVICE SCHEDULE 3

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

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

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
	TS THERMOSTAT SENSOR (REMOTE): SEE GENERAL NOTE 18, THIS SHEET
	CD CONDENSATE DRAIN
	ø DIAMETER
	DL DOOR LOUVER
	UC DOOR UNDERCUT
	(X-X) 0000 MECHANICAL EQUIPMENT DESIGNATION
	A/C, AC AIR CONDITIONING
	BDD BACK DRAFT DAMPER
	[SD] SMOKE DETECTOR; SEE GENERAL NOTE 10, THIS SHEET.

MECHANICAL SYMBOLS 12

SYMBOL & ABBREV.	DESCRIPTION
	CB CIRCUIT BREAKER
	CLG CEILING
	CONN. CONNECT/CONNECTION
	CONT. CONTINUATION
	CONTR. 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/OA OUTSIDE AIR
	OBD OPPOSED BLADE DAMPER
	S/S STAINLESS STEEL
	TYP. TYPICAL
	UN UNLESS OTHERWISE NOTED
	UTR UP THRU ROOF

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 PLAN SET REVISIONS:
 4/29/2020 BLDG DEPT COMMENTS
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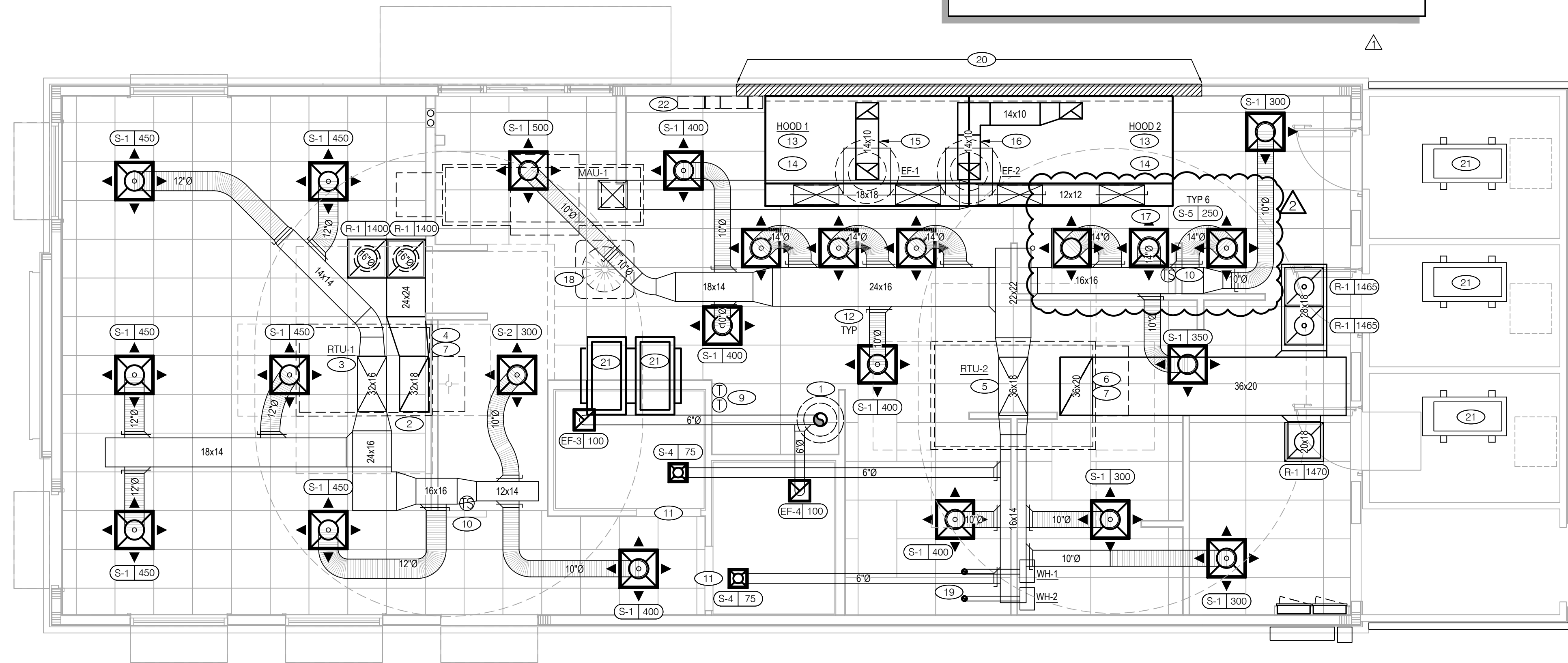
KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL

 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**

- A.** INSTALLATION AND TERMINATION OF THE POWERED VENT SYSTEM FOR THE WATER HEATER SHALL BE IN ACCORDANCE WITH THE VENT AND WATER HEATER MANUFACTURER'S 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.

- 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 CONCENTRIC 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.

NOT USED **D**

GENERAL NOTES **C**

KEY NOTES **B**

ARCHITECTURE
ENGINEERING

LIS

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facsimile: (321) 244-9419

ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

**MECHANICAL
DIFFUSER AND
DUCT PLAN
M2.0**

PLOT DATE: --/--/2020

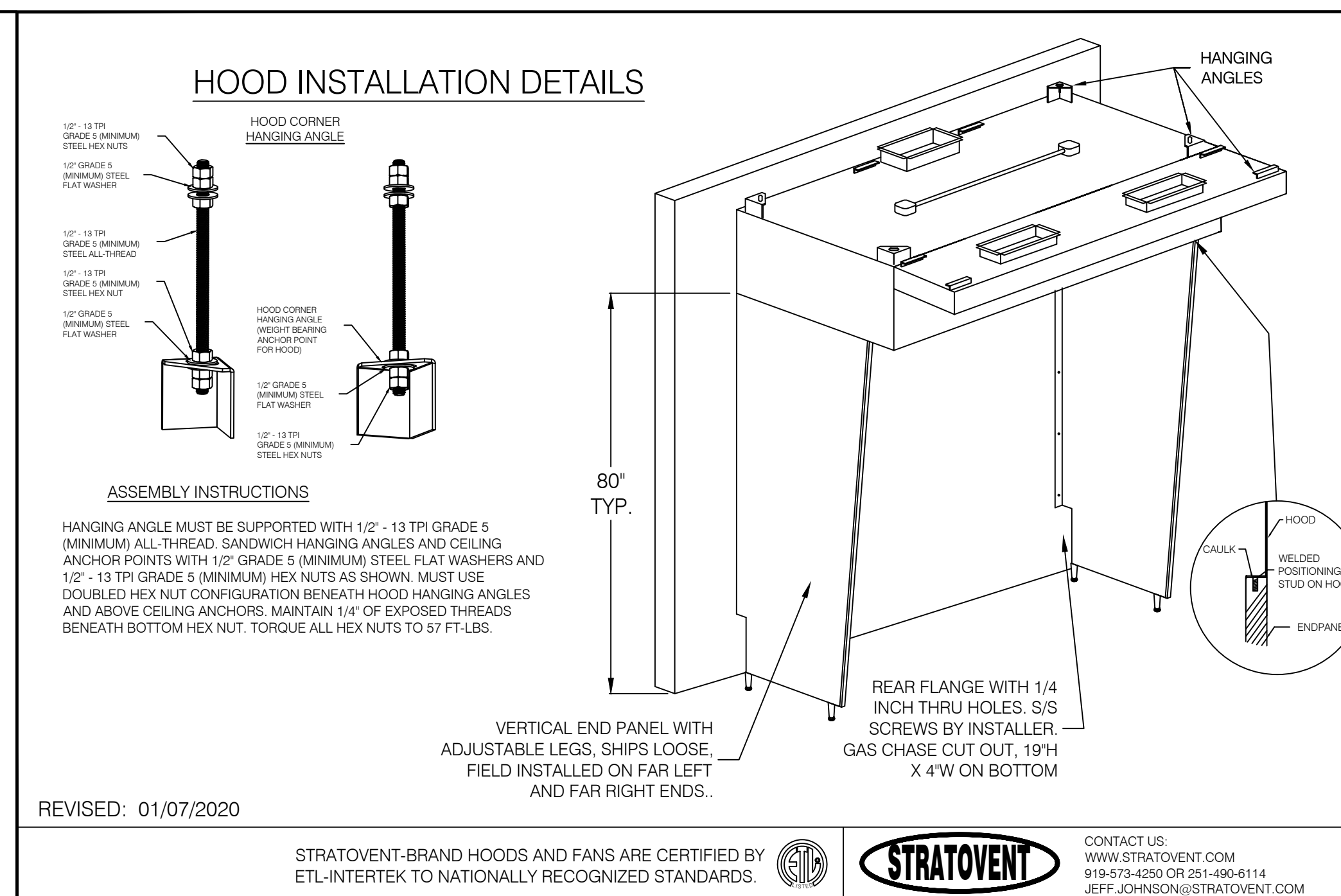
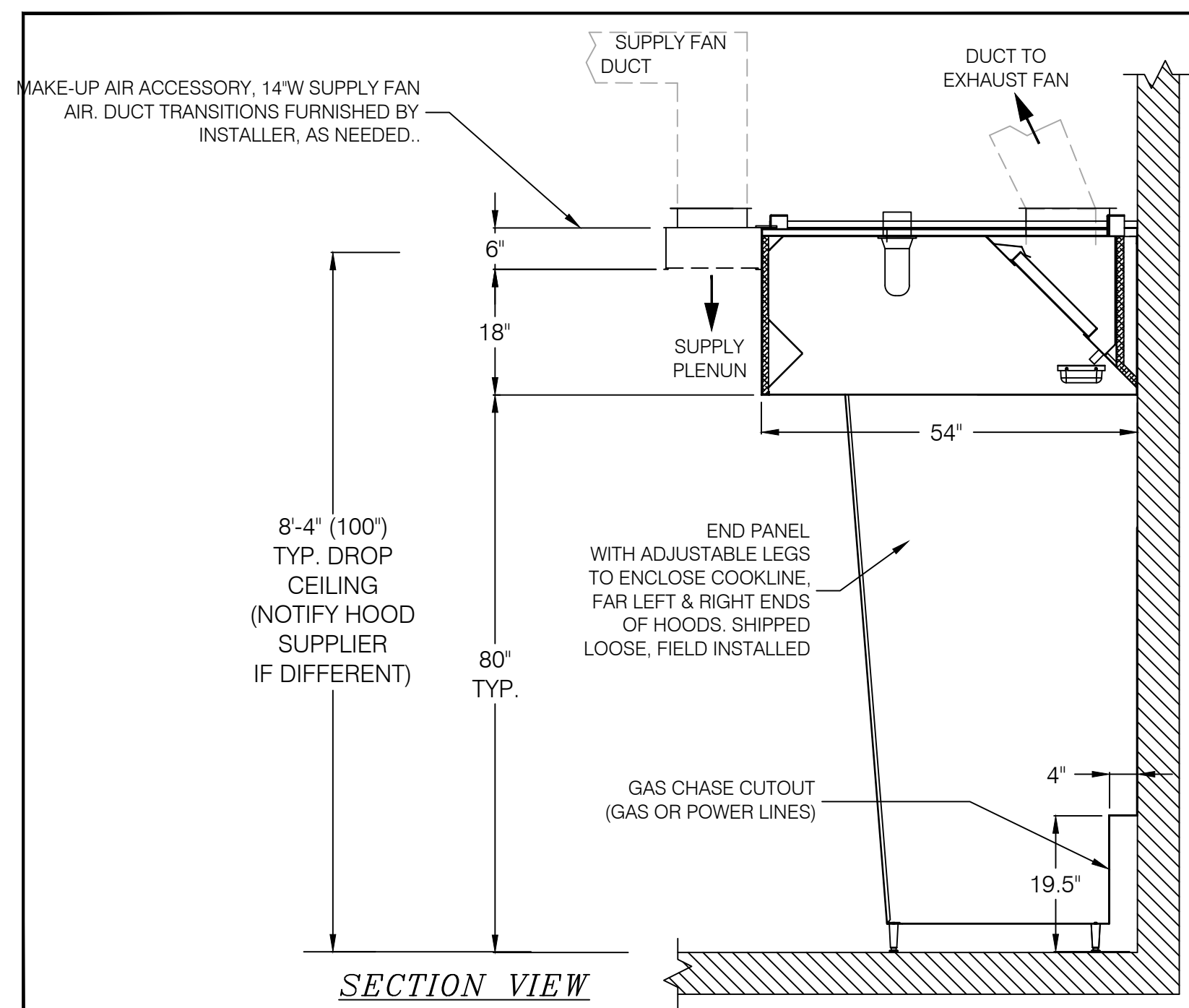
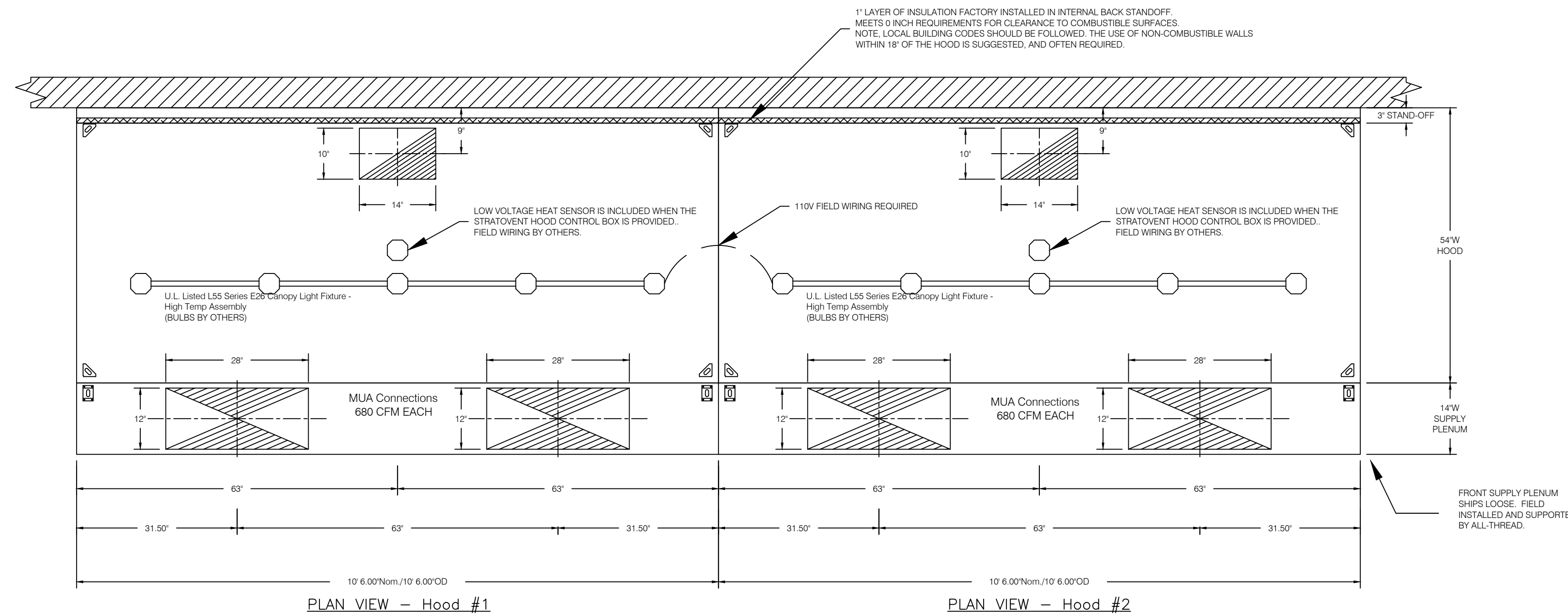
MODEL#: STRATOVENT-SVND2	TAG: KH-1_(LEFT)	CERTIFICATIONS: UL-710/NSF/NFPA96
LENGTH: 10'-6"	WIDTH (IN): 54"	HEIGHT (IN): 24"
EXHAUST CFM: 1700	SUPPLY CFM: 1360	PSP SUPPLY PLENUM: 14"W
EXHAUST SP: 0.6" HOOD-ONLY	SUPPLY SP: 0.2" HOOD-ONLY	
EXHAUST FPM: 1749	SUPPLY FPM: 291	
DUCT SIZE: 10"x14"	DUCT SIZE: (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"
EXHAUST CFM: 1700	SUPPLY CFM: 1360	PSP SUPPLY PLENUM: 14"W
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

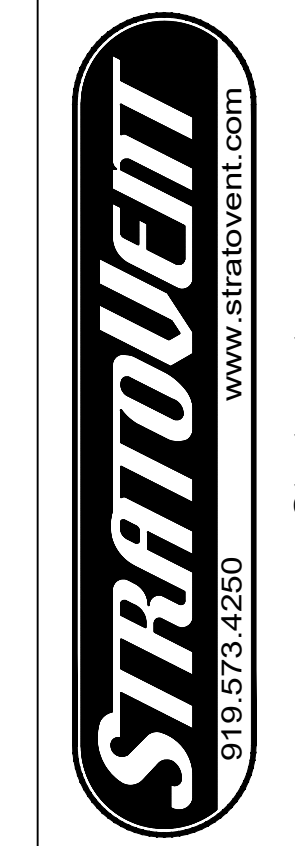
STRATOVENT HOODS
BUILT IN COMPLIANCE WITH

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)



REVISIONS	
DESCRIPTION	DATE



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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:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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BUILDING TYPE: Kb 30-19
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SITE NUMBER:
ENTITY NUMBER:
STORE NUMBER:
LIS PROJECT: 2019-304

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3615 W SILVER SPRINGS BLVD.
OCALA, FL

Kb 30-19

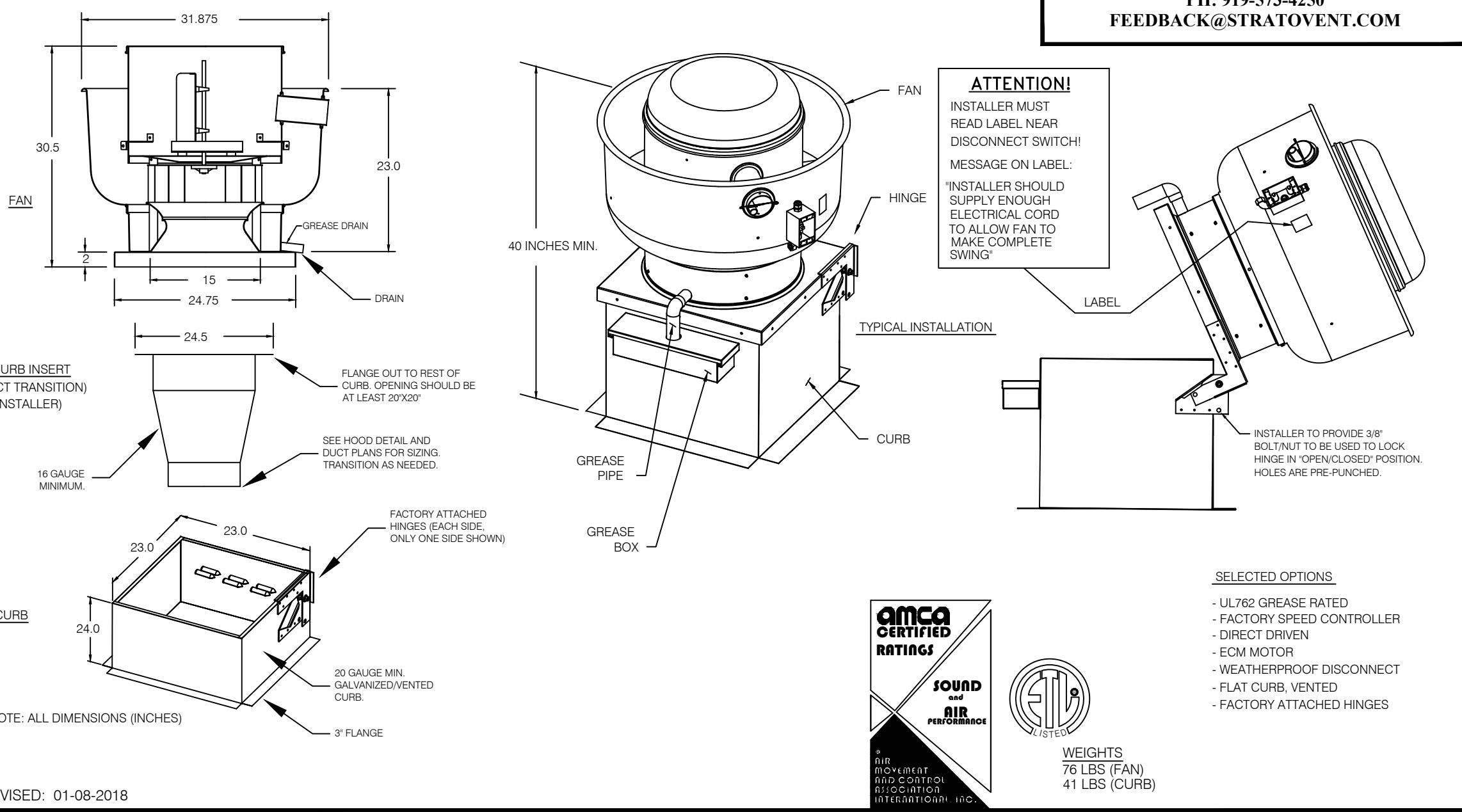
HOOD PLAN ELEVATIONS AND SECTIONS

STRATOVENT EXHAUST FAN

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



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 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-G1-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

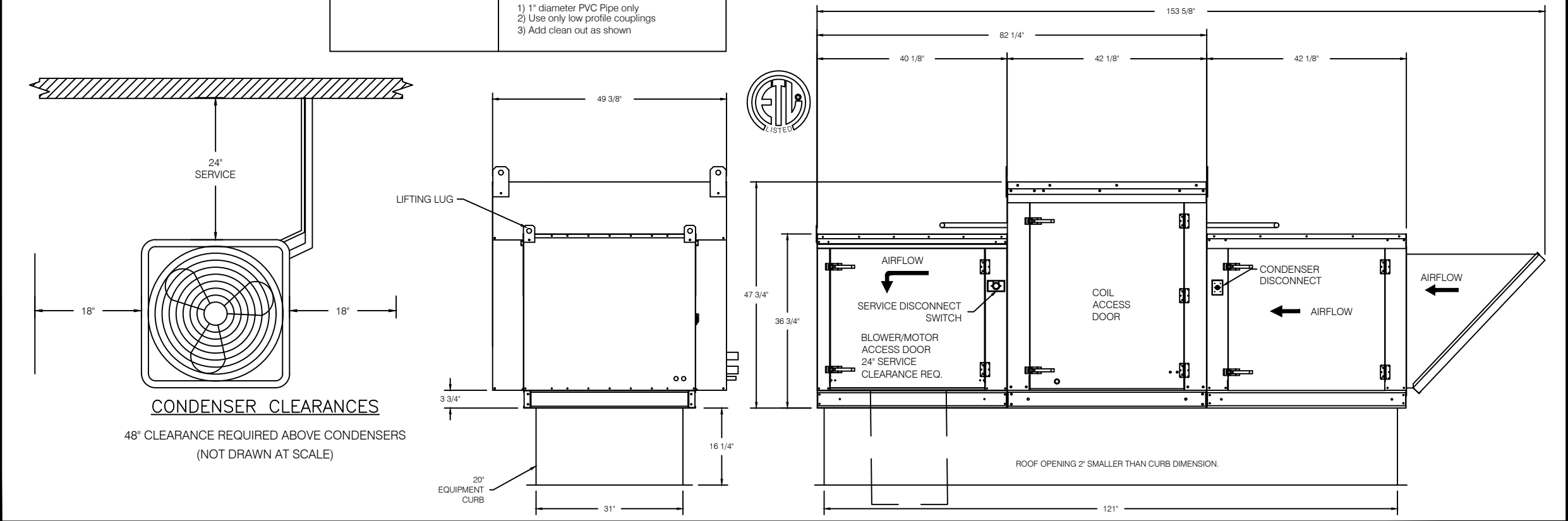
CONDENSER DETAILS

CONDENSER NO.	TONNAGE	VOLTAGE	PHASE	FREQUENCY	MCA	FLA	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

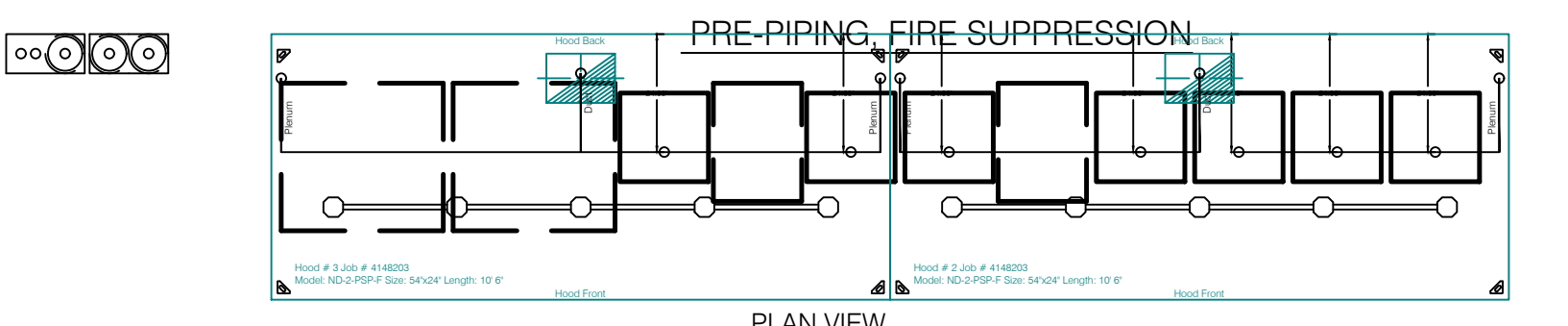
SELECTED FEATURES:

- G90 GALVANIZED HOUSING
- SIDE INTAKE, MESH FILTERS
- DOWN DISCHARGE
- PREWIRED DISCONNECT
- LIFT OUT/HINGED DOORS
- VARIABLE SPEED PULLEYS
- GRAVITY BACKDRAFT DAMPER
- FLAT CURB, 12" X 31" X 20" H



SYSTEM NOTES:

- SYSTEM SIZE: ANSUL - 9.0 GALLONS TOTAL R102
- SHORT PRE-PIPING: 6.0 GALLONS
- TOTAL FLOW POINTS: 33 MAX.
- HOOD 1 of 2: 10' 0" L x 54" W x 24" H
- HOOD 2 of 2: 10' 0" L x 54" W x 24" H
- 10' 0" L x 54" W x 24" H

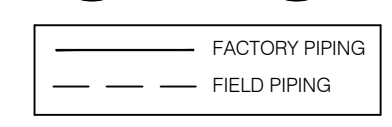
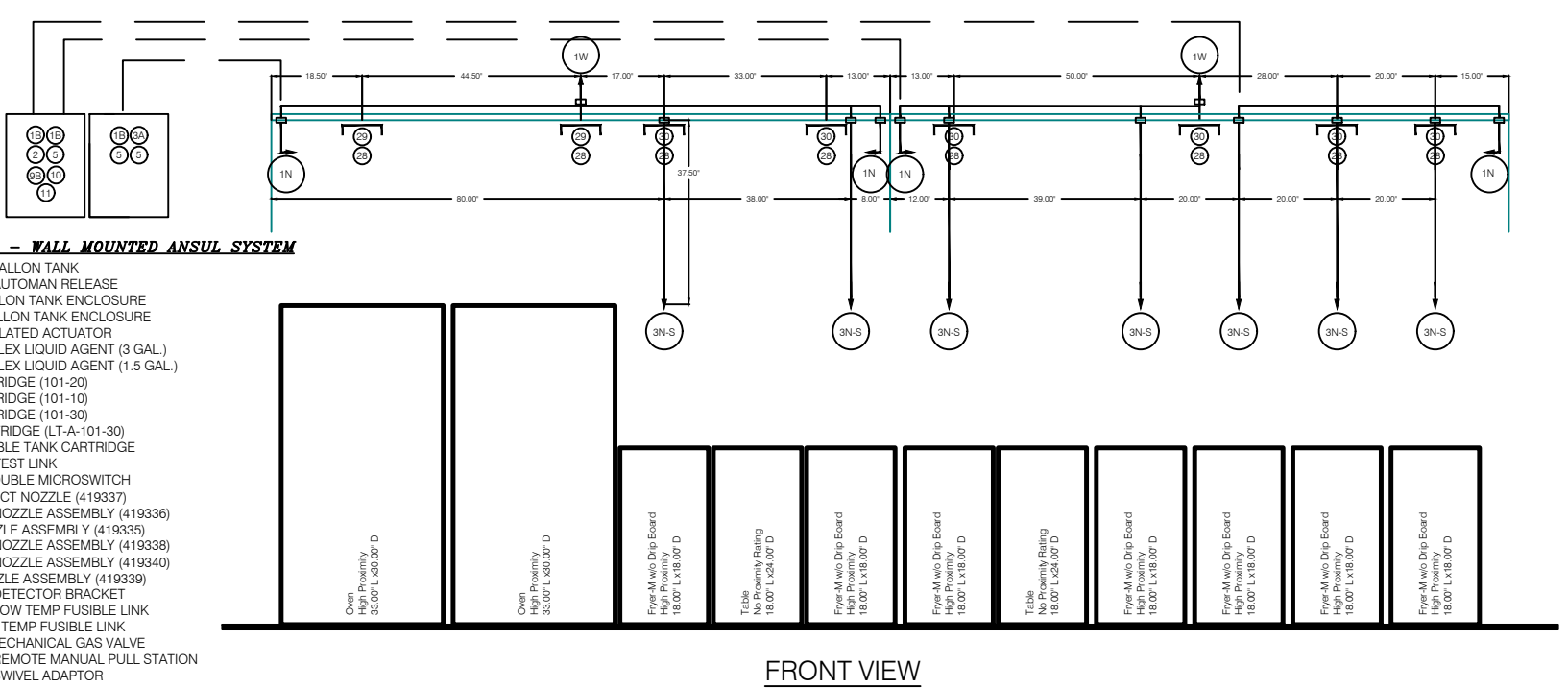


GENERAL NOTES:

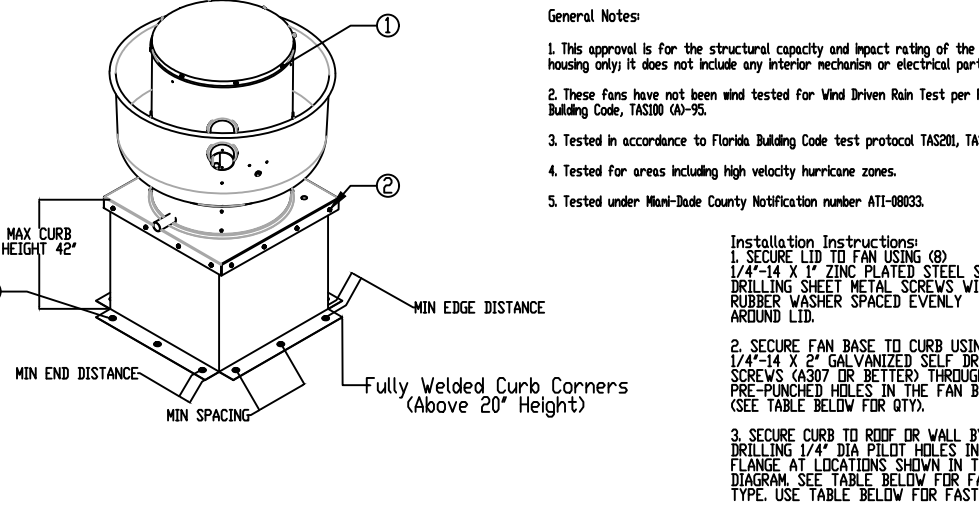
- A. PRE-PIPING FROM STRATOVENT INCLUDES SLEEVING, DROPS AND NOZZLES ATTACHED TO THE HOOD. THE PARTS FOR WALL MOUNTED SYSTEM OPTIONALLY SOURCED FROM STRATOVENT BY DISTRIBUTOR, OWNER OR GENERAL CONTRACTOR. INSTALLATION SOURCED BY CONSTRUCTION TEAM.
- B. ALL NOZZLE HEIGHT AND PLACEMENT TO BE VERIFIED BY INSTALLER AND AHA PER ANSUL GUIDELINES. FIELD PIPE DROPS AS SHOWN.
- C. MAXIMUM 9 ELBOWS IN SUPPLY LINE. MINIMUM 12 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.

LEGEND - WALL MOUNTED ANSUL SYSTEM

- 18) 3.0 GALLON TANK
- 19) AUTOMAN RELEASE
- 20) 3.0 GALLON TANK ENCLOSURE
- 21) 4.0 GALLON TANK ENCLOSURE
- 22) REGULATED ACTIVATOR
- 23) ANSUL LIQUID AGENT (3 GAL.)
- 24) ANSUL LIQUID AGENT (1.5 GAL.)
- 25) CARTRIDGE (101-10)
- 26) CARTRIDGE (101-10)
- 27) CARTRIDGE (101-10)
- 28) CARTRIDGE (101-10)
- 29) CARTRIDGE (101-10)
- 30) CARTRIDGE (101-10)
- 31) TEST LINK
- 32) DOUBLE TANK CARTRIDGE
- 33) TEST LINK
- 34) DOUBLE MICROSWITCH
- 35) DUCT NOZZLE (A19037)
- 36) NOZZLE ASSEMBLY (A19038)
- 37) NOZZLE ASSEMBLY (A19038)
- 38) NOZZLE ASSEMBLY (A19038)
- 39) DETECTOR BRACKET
- 40) LOW TEMP FUSIBLE LINK
- 41) HIGH TEMP FUSIBLE LINK
- 42) MECHANICAL GAS VALVE
- 43) REMOTE MANUAL FULL STATION SWING ADAPTOR



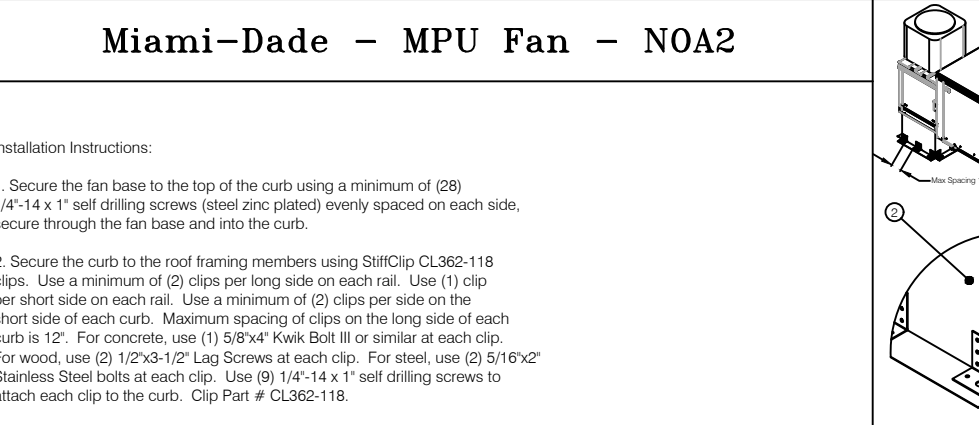
Mini-Dade NMI Aluminum Up-Blast Fans



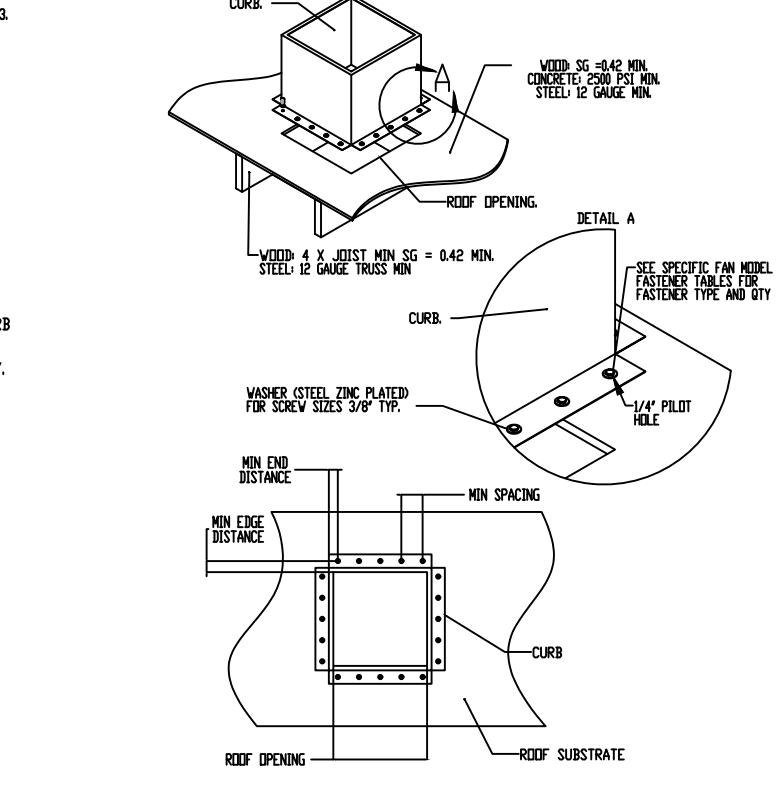
CURB MATERIAL:
20" DIA. X 12" H X 20 GA. STEEL
ABOVE 20" THRU 42" = 16 GA. STEEL

**DESIGN PRESSURE: +1500 / -1500 PSF
LARGE MISSILE IMPACT RESISTANT**

Fastener	Wood (80 - 0.42 Min.)		Steel (12 Gauge Min.)		Concrete (3500 psi Min. Cracked Concrete)	
	Per Side	Total	Per Side	Total	Per Side	Total
Minimum Thread Penetration	N/A	2-1/2"	12 Gauge	2"	3"	3"
Minimum Edge Distance	N/A	1-1/2"	3/8"	3/8"	3"	3"
Minimum End Distance	N/A	2-5/8"	3/8"	3/8"	3"	3"
Minimum Spacing	N/A	1-1/2"	3/4"	3/4"	5-1/2"	5-1/2"



Miami-Dade County - Curb Roof Installation Guide



REVISIONS

DESCRIPTION	DATE:



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ADDRESS
ANYTOWN, USA

DATE: 01/07/2020
DWG.#: 4148203
DRAWN BY: JJ-REG24
SCALE: NTS
MASTER DRAWING

SHEET NO. 2

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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

- 4/29/2020 BLDG DEPT COMMENTS
- 3/08/2022 OWNER CHANGES

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



HOOD PLAN ELEVATIONS AND SECTIONS

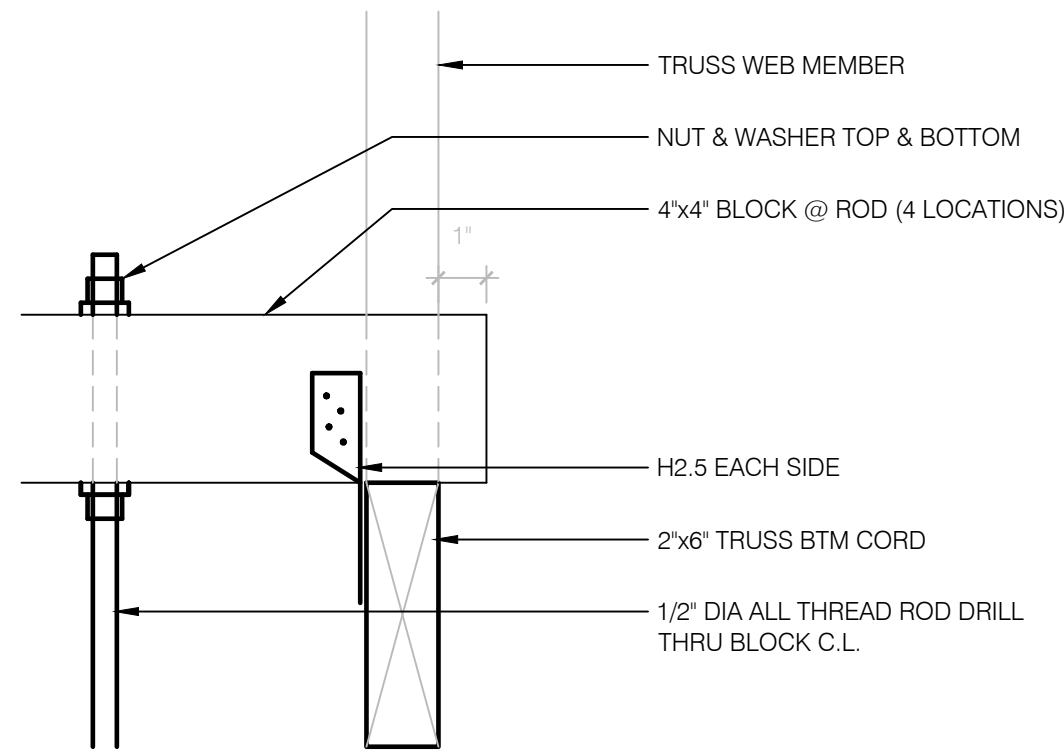
M3.1

PLOT DATE: --/--2020

NOT USED

17

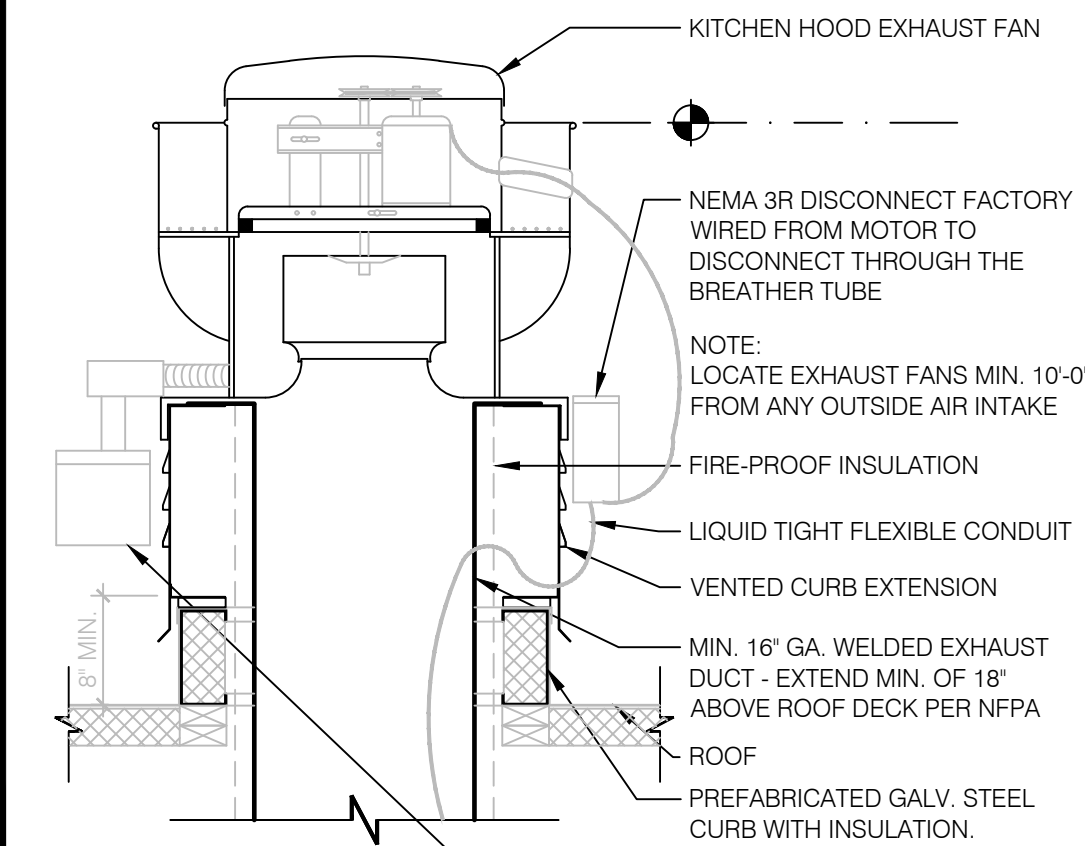
ROD ATTACHMENT 3" = 1'-0" 13



NOT USED

5

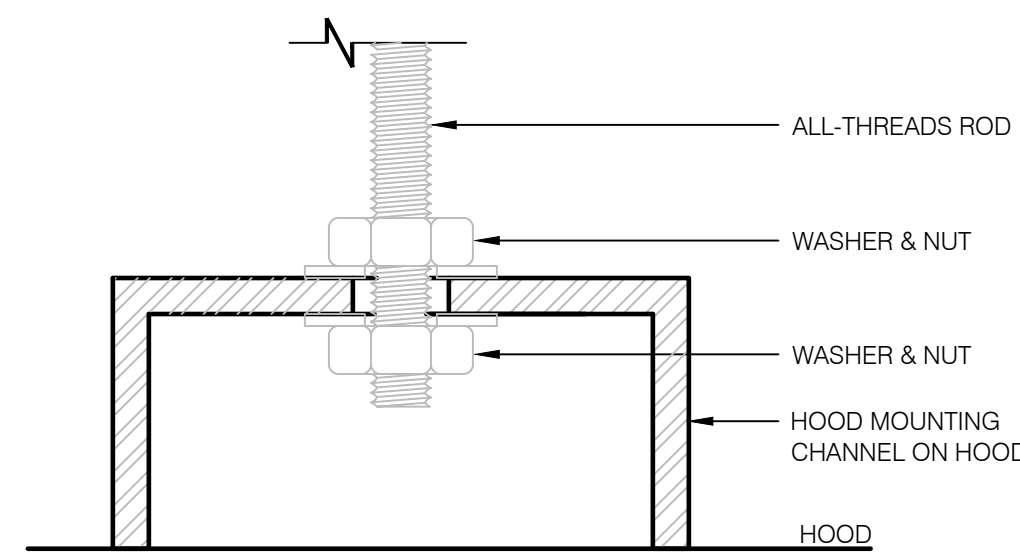
EXHAUST FAN N.T.S. 1



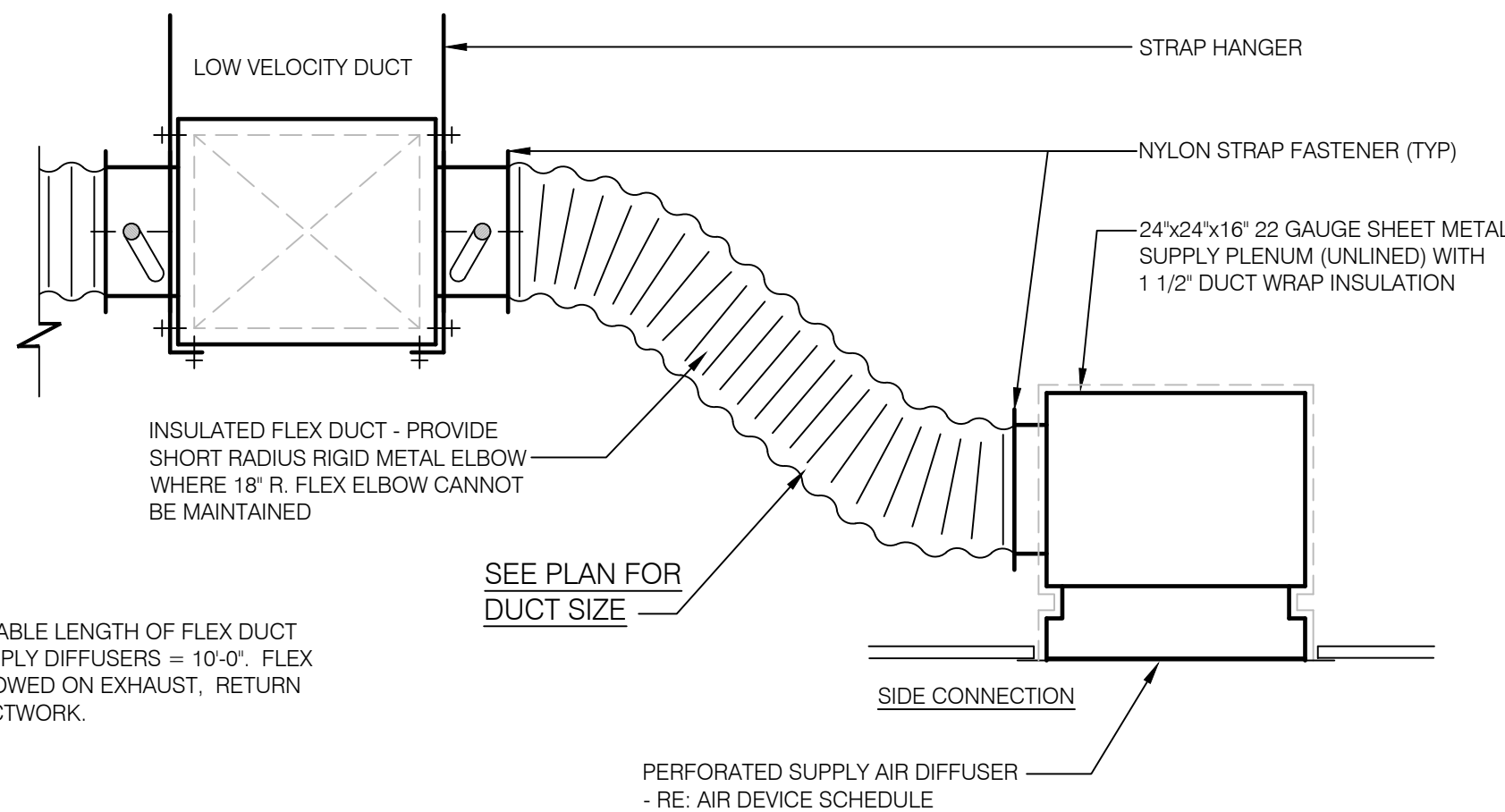
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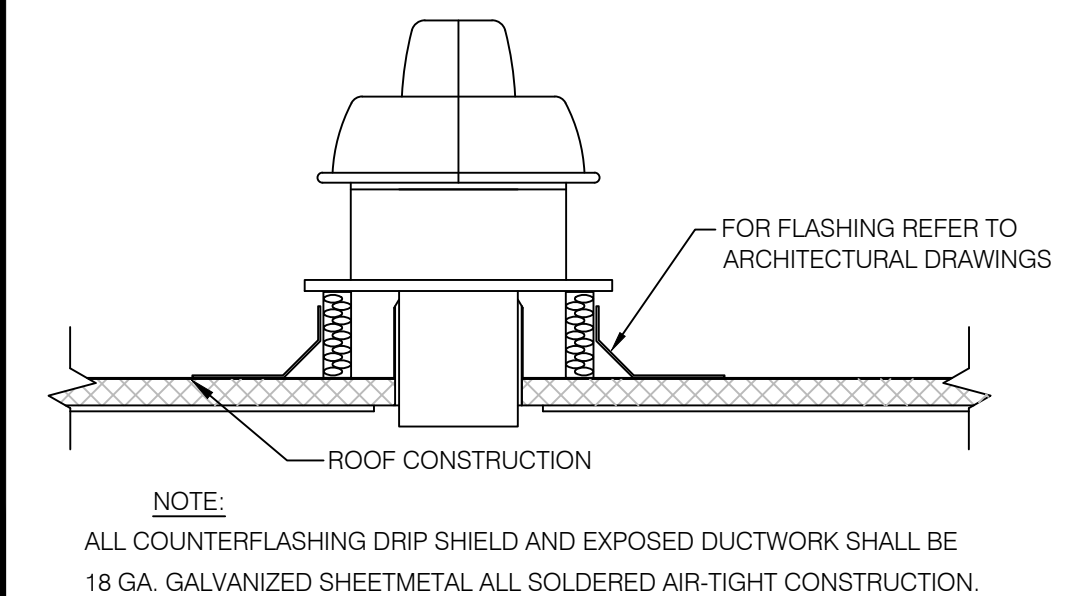
BOLT CONNECTION TO HOOD N.T.S. 14



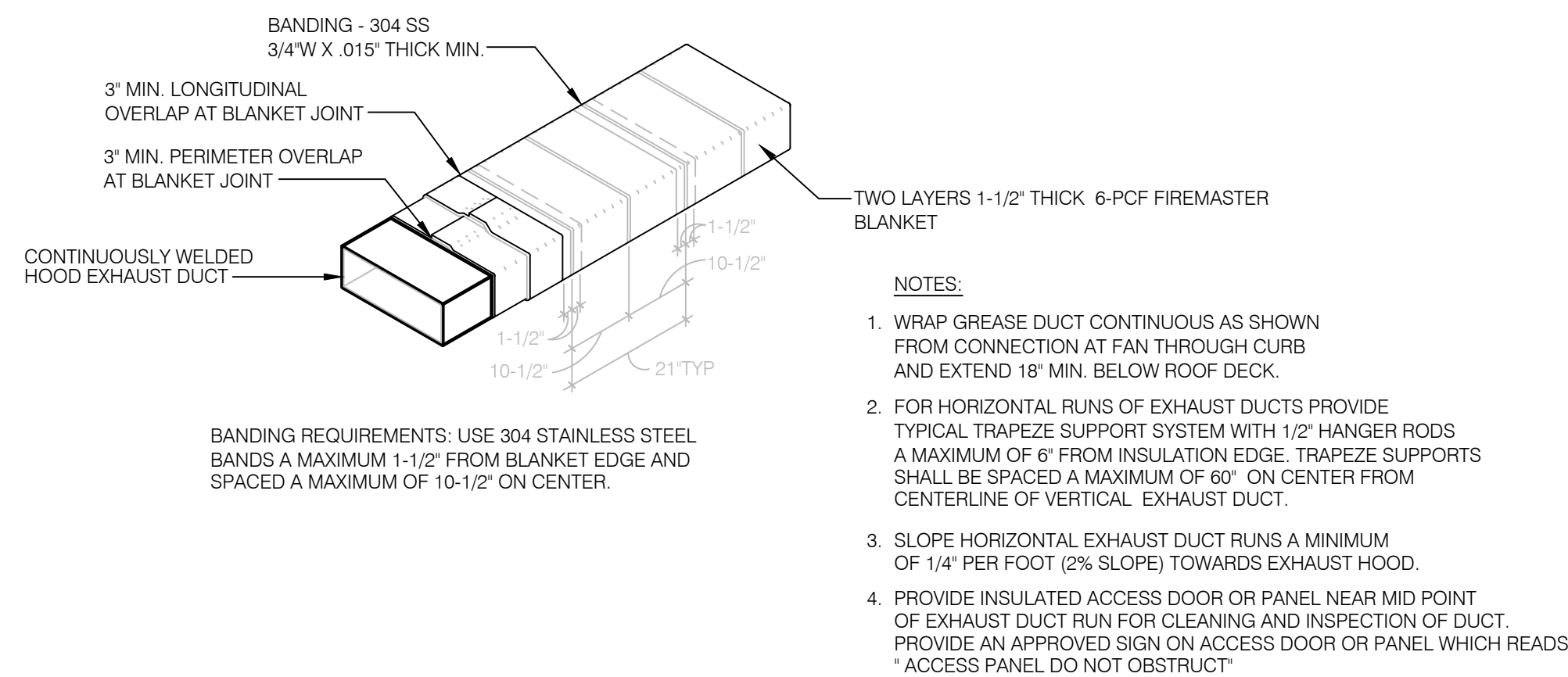
OPTIONAL KITCHEN AREA CEILING DIFFUSER (S-5) CONNECTION DETAIL N.T.S. 6



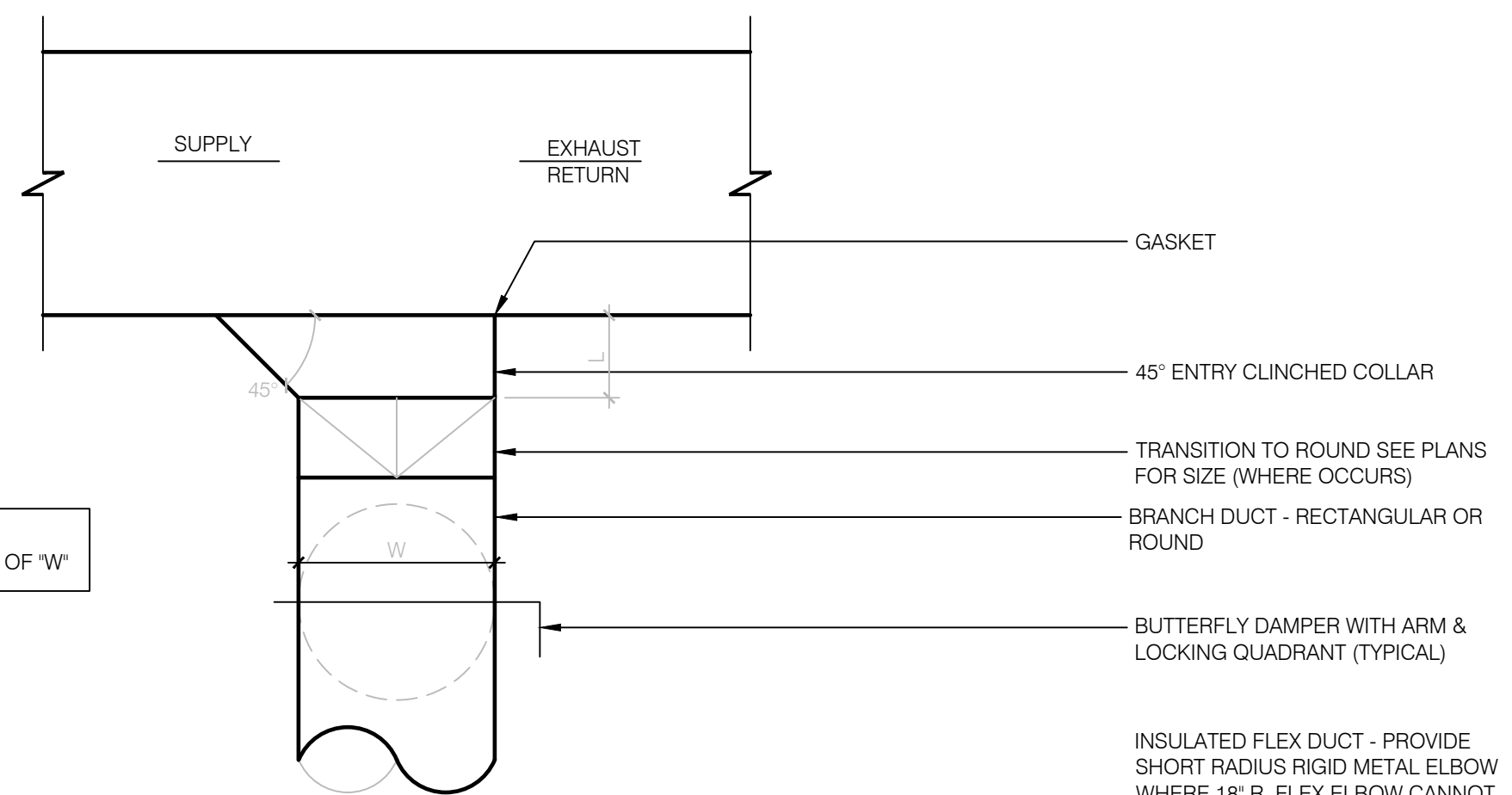
ROOF MOUNTED EXHAUST CAP N.T.S. 2



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



NOTE: L = 4" MIN. OR 1/4 OF "W"



NOTE: MAXIMUM ALLOWABLE LENGTH OF FLEX DUCT RUNOUTS TO SUPPLY DIFFUSERS = 10'-0". FLEX DUCT IS NOT ALLOWED ON EXPOSED DUCTWORK.

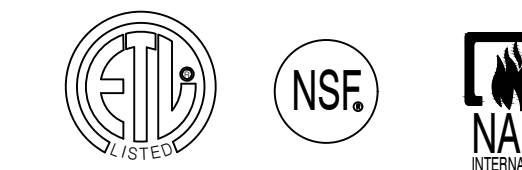
CEILING DIFFUSER CONNECTIONS 3/8" = 1'-0" 8

GENERAL NOTES

- Exhaust duct collars may be field cut.
- Exhaust duct air flow velocity shall be greater than 1500 FPM, lower if allowed by local codes.
- Exhaust air flows must be balanced upon installation.
- 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

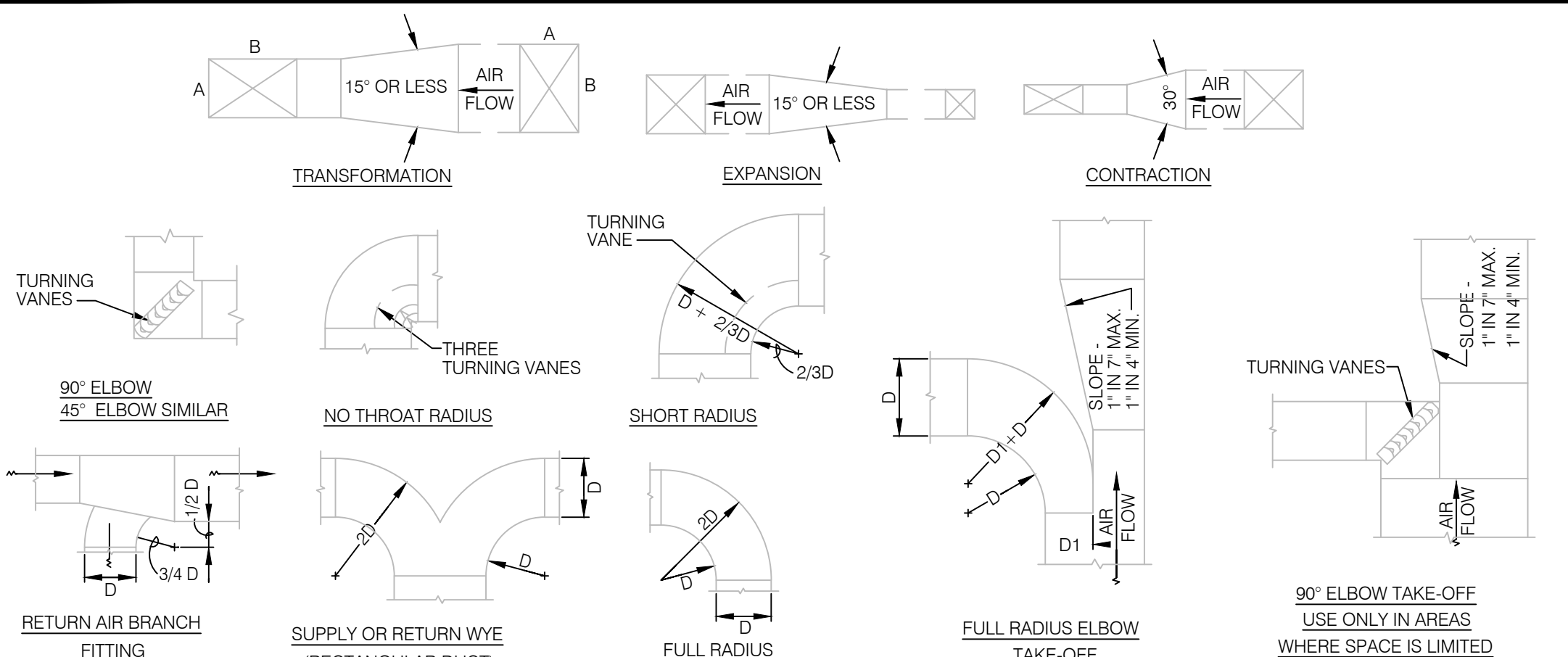
- Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 polish. All unexposed surfaces shall be constructed of minimum 18 gauge aluminized steel.
- UL classified aluminum or stainless steel baffle-type filters shall be easily removed for cleaning. Filter housing shall terminate in a pitched grease trough that drains into a removable stainless steel grease cup.
- 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.
- Pre-ripped 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.
- 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

TYPICAL DUCTWORK DETAILS N.T.S. 16



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ROBERT WAYNE CASE FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL



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
		PLUMBING EQUIPMENT DESIGNATION
(X-X 0000)		
<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 —	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. —	S.O.V.	SHUT-OFF GATE VALVE
— S.O.C. —	S.O.C.	SHUT-OFF GAS COCK
— C.V. —	C.V.	CHECK VALVE
— P.T.R.V. —	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
— B.V. —	B.V.	BALL VALVE
— C.W. —	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:

$$(S) \times (GS) \times (LF) \times (HR/12) = \text{EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS}$$

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	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 1-1/2" 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 J.R. SMITH / MODEL: 3120
(DN 1)	DOWNSPOUT NOZZLE	4'							CAST BRONZE BODY AND FLANGE DOWNSPOUT WITH BIRDSCREEN. MOUNT NOZZLE 12" ABOVE FINISH GRADE.	
(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: JFPS4-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	SLOAN / MODEL: EAF-275-ISM McGUIRE / MODEL: 165A McGUIRE / MODEL: 2165CCLK McGUIRE / MODEL: 8872CF HANDI LAV-GUARD / MODEL: 102
									FAUCET: SINGLE HOLE SUPPLY, HARD WIRED, BATTERED SENSOR OPERATED FAUCET WITH 1/2" 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.	
(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'							DUOCO 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'							DUOCO 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 / SHOKTR0L
(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 'ECONOMISER' / 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)	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:
- 4/29/2020 BLDG DEPT COMMENTS
 - 3/08/2022 OWNER CHANGES

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

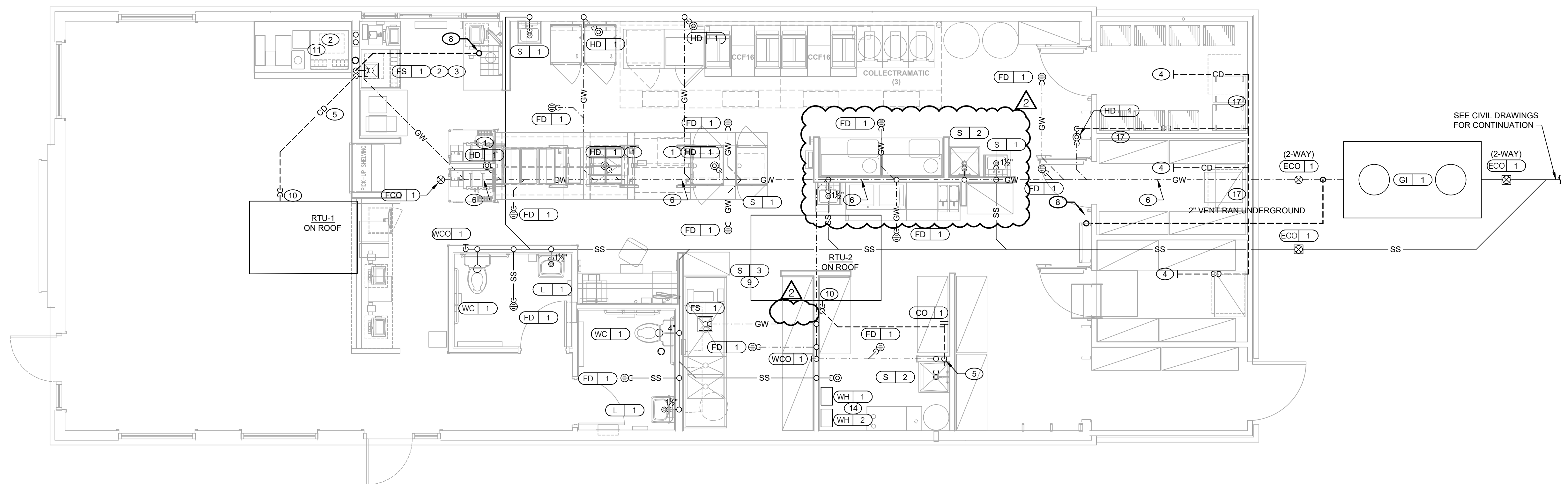
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PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE: --/--/2020



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

- 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.

- 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.

NOT USED

E

NOT USED

D

WASTE & VENT PLAN NOTES

C

KEY NOTES

B

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ENGINEERING

LIS

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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

- 4/29/2020 BLDG DEPT COMMENTS
- 3/08/2022 OWNER CHANGES
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-
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CONTRACT DATE: --/--/2019
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LIS PROJECT: 2019-304

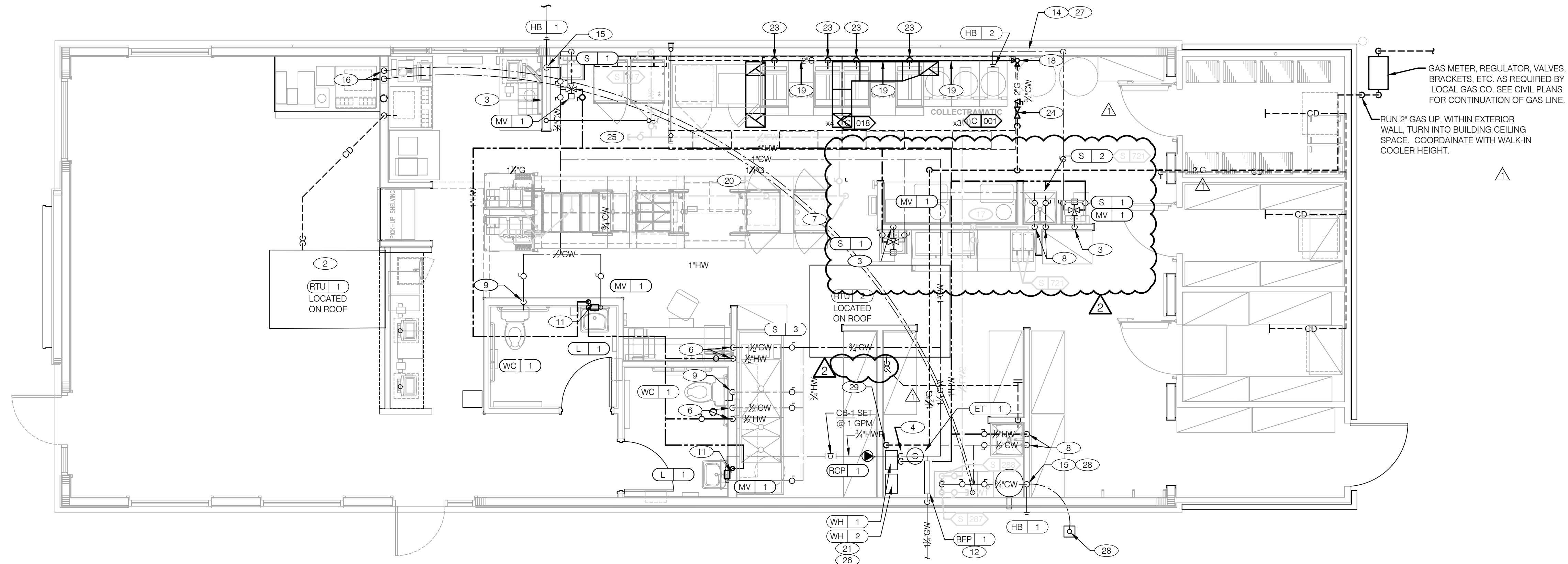
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WASTE AND
VENT PLAN

P2.0

PLOT DATE: --/--/2020



GAS METER, REGULATOR, VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL PLANS FOR CONTINUATION OF GAS LINE.

RUN 2" GAS UP, WITHIN EXTERIOR WALL, TURN INTO BUILDING CEILING SPACE. COORDINATE WITH WALK-IN COOLER HEIGHT.

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PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
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CONTRACT DATE:	...	2019
BUILDING TYPE:	Kb	30-19
PLAN VERSION:		2018.A
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LIS PROJECT:		2019-304

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Kb 30-19

WATER AND GAS PLAN

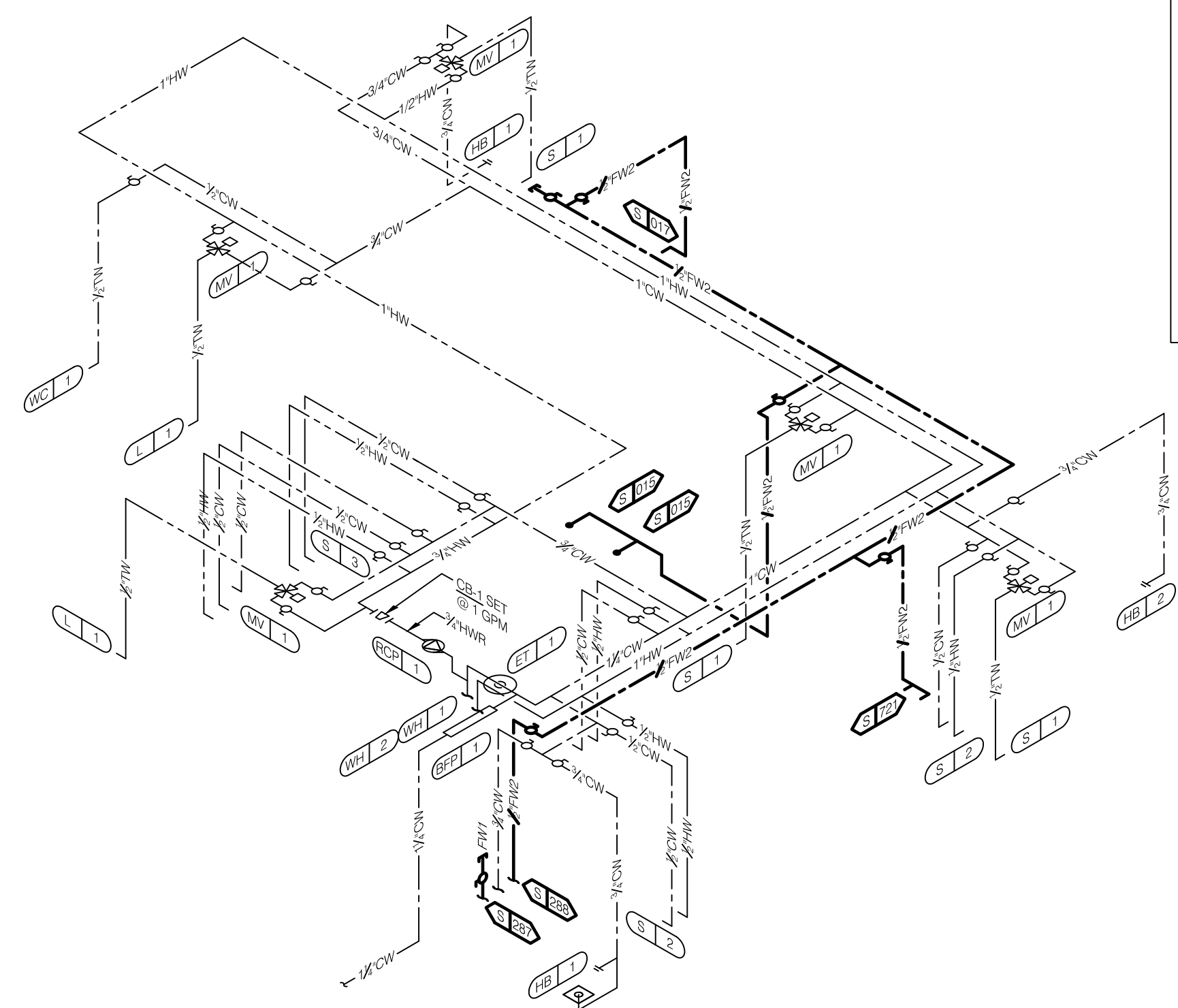
P3.0

PLOT DATE: --/--/2020

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

- NOT USED** **E**
- WATER & GAS PLAN NOTES** **D**
- 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.
- 1 NOT USED
 - 2 NOT USED
 - 3 1/2" TEMPERED WATER LINE DOWN IN WALL TO HAND SINK.
 - 4 1" HOT AND COLD WATER LINES TO WATER HEATER.
 - 5 1/2" HOT AND COLD WATER LINES IN DOWN WALL TO PREP SINK.
 - 6 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
 - 7 1/2" FILTERED WATER LINE DOWN IN WALL TO BELOW SLAB. DO NOT INSTALL ANY JOINTS BELOW SLAB.
 - 8 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO THE MOP SINK.
 - 9 1/2" 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 1/2" TEMPERED WATER LINE DOWN IN WALL TO LAVATORY.
 - 12 3/4" COLD WATER LINE DOWN IN WALL TO WATER FILTERS <S-287> AND <S-288>. SEE KEYNOTES 13 AND 16, THIS SHEET.
 - 13 1/2" 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 1/2" COLD WATER LINE DOWN IN WALL TO INTERIOR HOSE BIBB. SEE KEYNOTE 27, THIS SHEET.
 - 15 1/2" COLD WATER LINE DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 16 BUNDLED SYRUP LINES FROM FILTER <S-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 1/2" 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 1/2" 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 ARCHITECTURAL DRAWING A2.1.
 - 24 EMERGENCY GAS SHUT-OFF VALVE LOCATED BELOW CEILING.
 - 25 OPTIONAL COFFEE AND TEA MAKERS: VERIFY WITH OWNER IF REQUIRED. PROVIDE 1/2" 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 MANAGERS OFFICE, COORDINATE WITH ELECTRICAL.
 - 29 1/2" GAS PIPE DOWN TO WATER HEATERS.
 - 30 NOTE NOT USED.
 - 31 PROVIDE 1/2" COLD WATER SUPPLY STUB UP AND SHUT OFF VALVE FOR FUTURE CONNECTION TO ROOF TOP HOSE BIBB.
- KEY NOTES** **B**

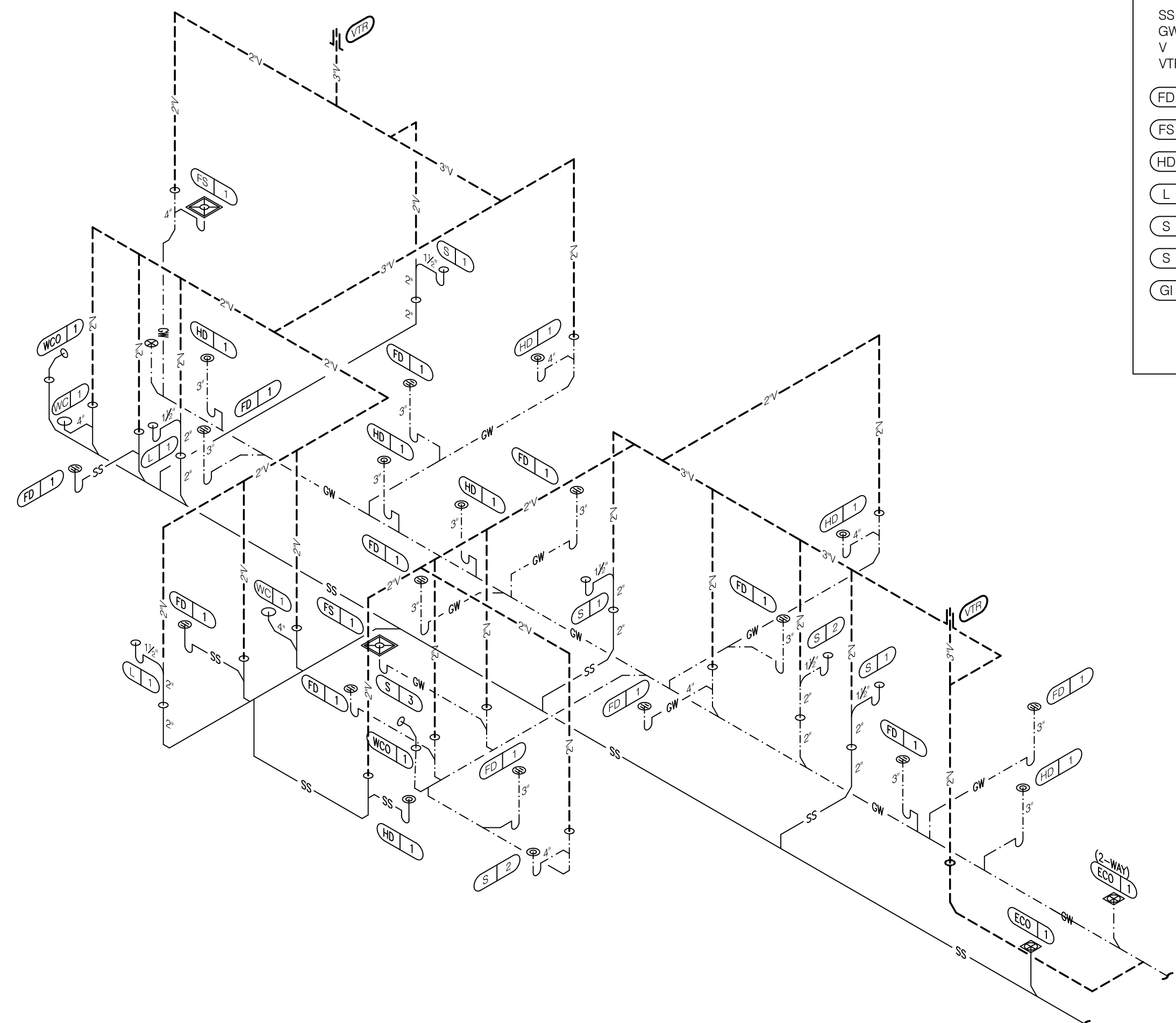


SUPPLY WATER LINE LEGEND:

CW	COLD WATER	---
HW	HOT WATER	---
TW	TEMPERED WATER	---
HB 1	HOSE BIBB:	3/4" CW
HB 2	HOSE BIBB:	3/4" CW
L 1	LAVATORY:	1/2" TW
S 1	HAND SINK:	1/2" TW
S 2	MOP SINK:	1/2" CW ; 1/2" HW
S 3	3-COMP SINK:	1/2" CW ; 1/2" HW
WC 1	WATER CLOSET:	1/2" CW
S-287	WATER FILTER:	3/4" CW
S-288	WATER FILTER:	3/4" CW

SEE PLUMBING SCHEDULE A / P1.0.

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

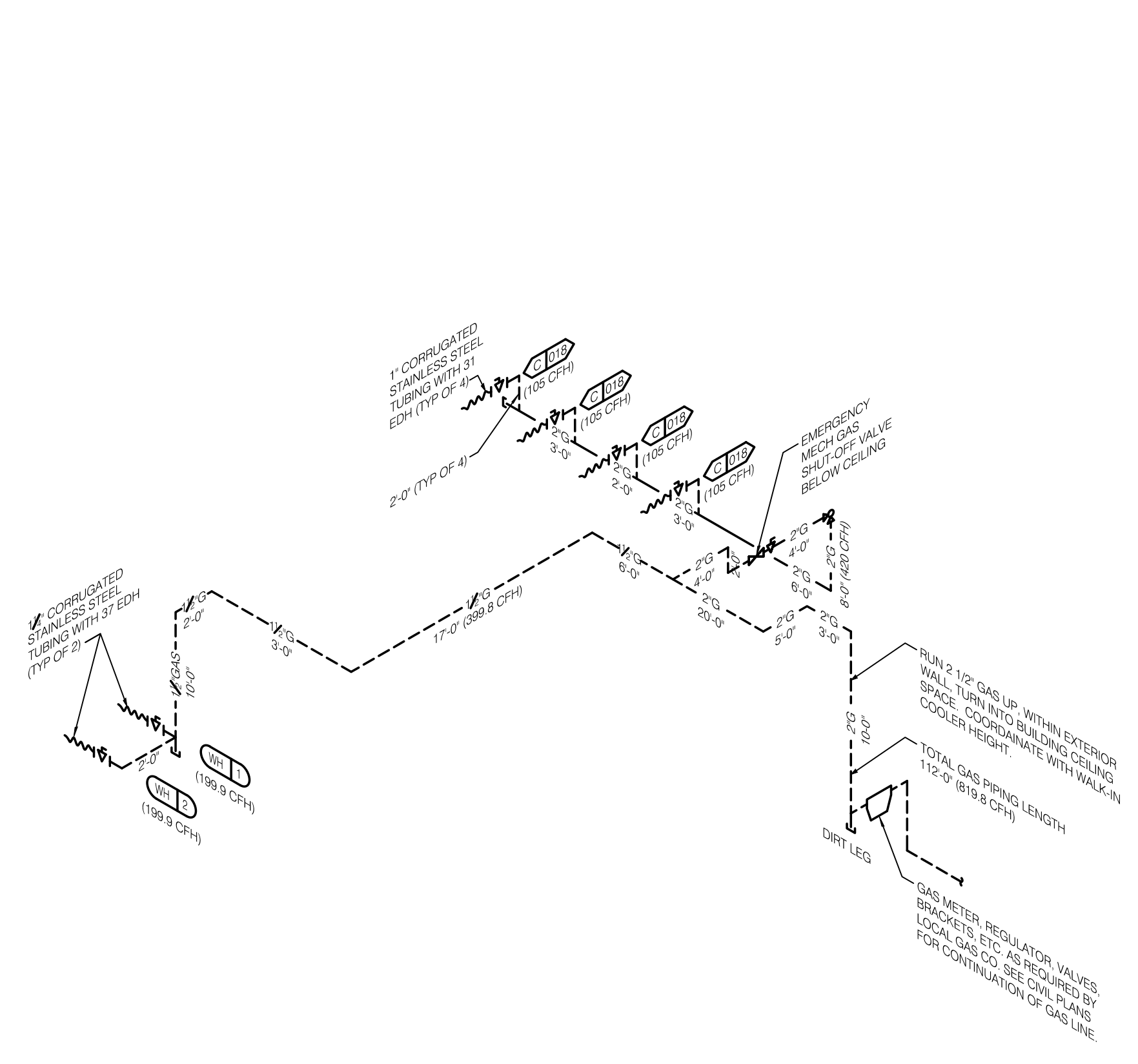


WASTE / VENT LINE LEGEND:

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	105 CFH
C-018	105 CFH
C-018	210 CFH

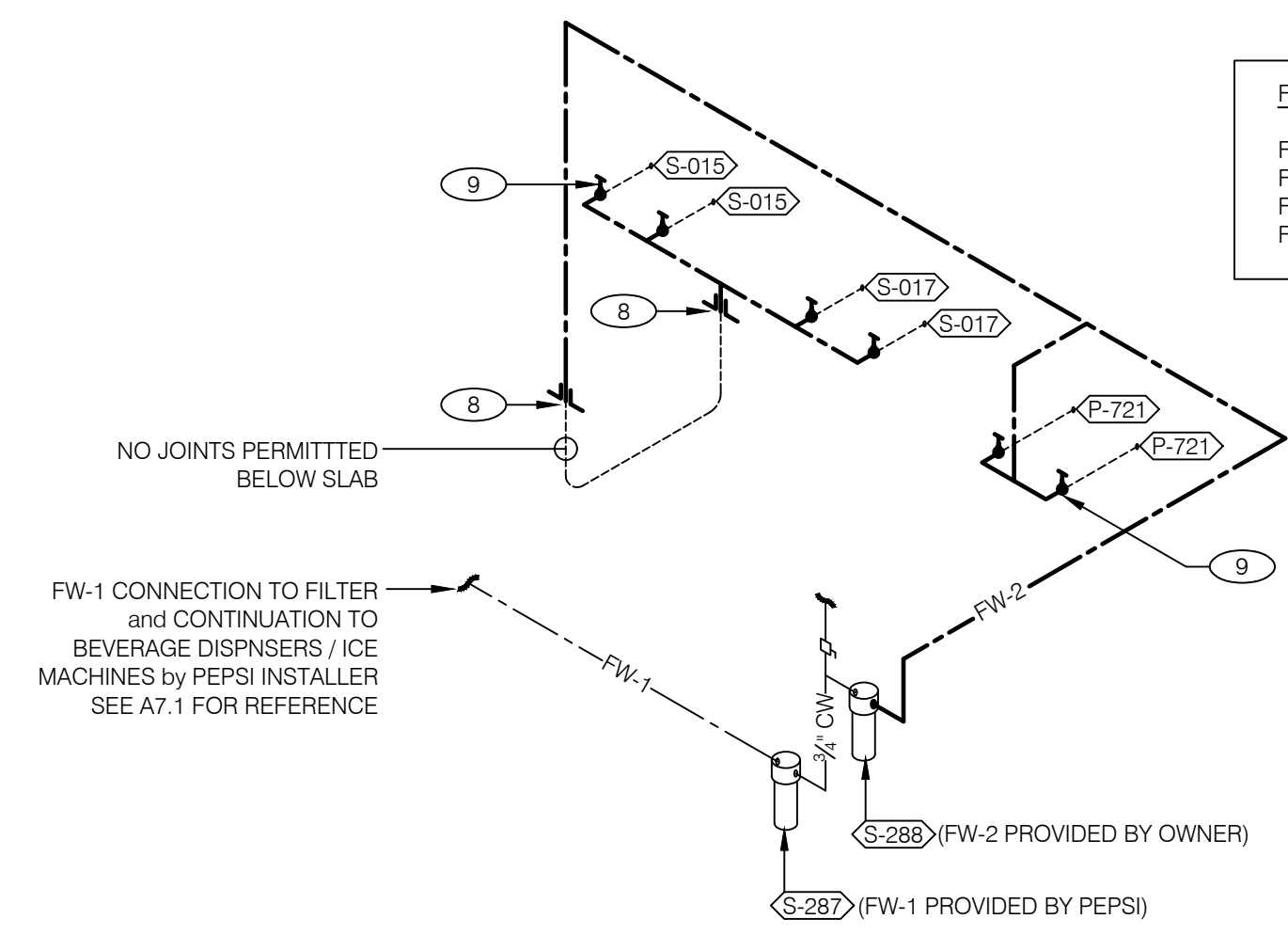
TOTAL DEMAND 819.8 CFH = 819,800 BTUH

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.

GAS ISOMETRIC N.T.S. **5**



FILTERED WATER LINE LEGEND:

FW-1	1/2"	---
FW-2	1/2"	---
FW-2	1/2"	BELOW SLAB
FW-2	1/2"	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 - 1/2" 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**

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> 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>. | <ul style="list-style-type: none"> 9 1/2" FILTERED WATER; TERMINATE WITH BALL VALVE / TRANSITION TO 1/2" 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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ROBERT WAYNE CASE
 FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

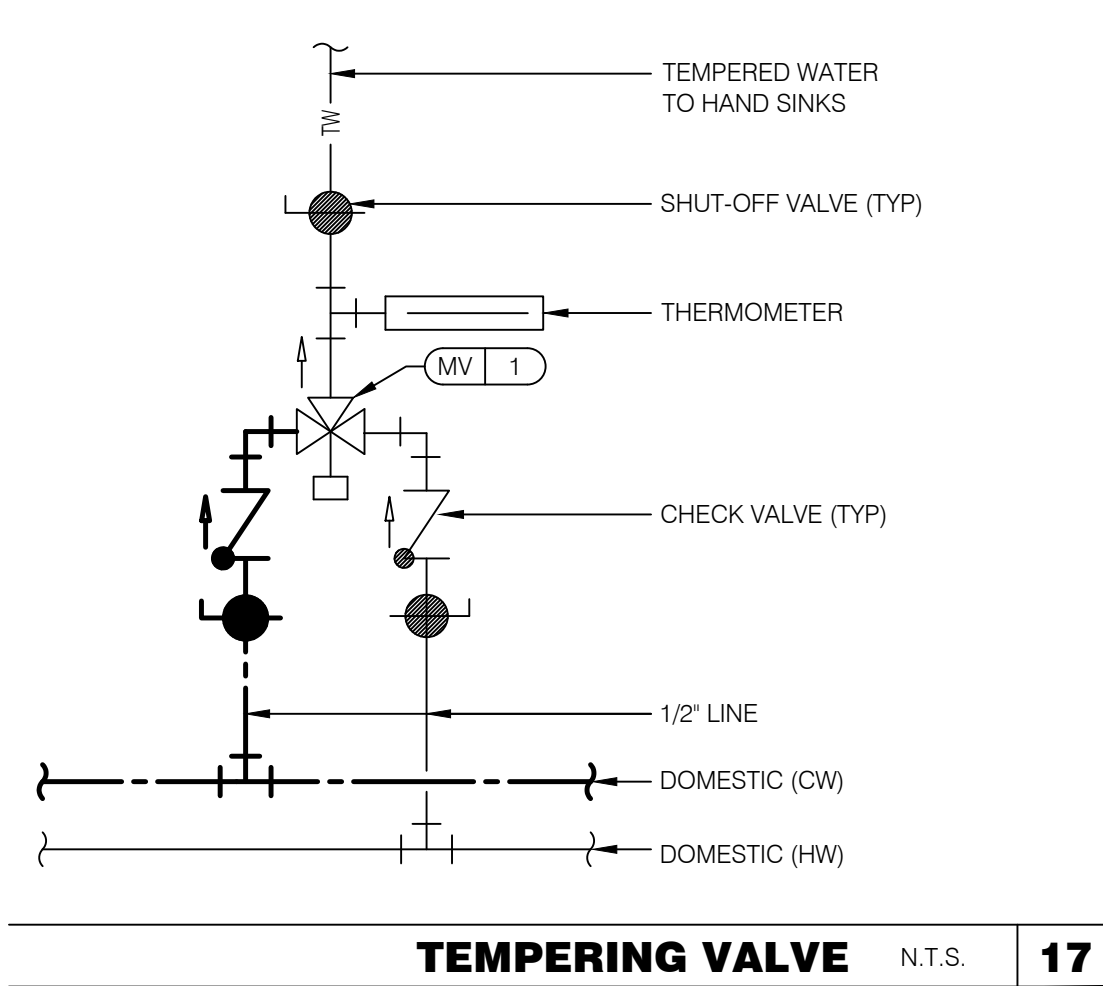
KFC
 3615 W SILVER SPRINGS BLVD.
 OCALA, FL



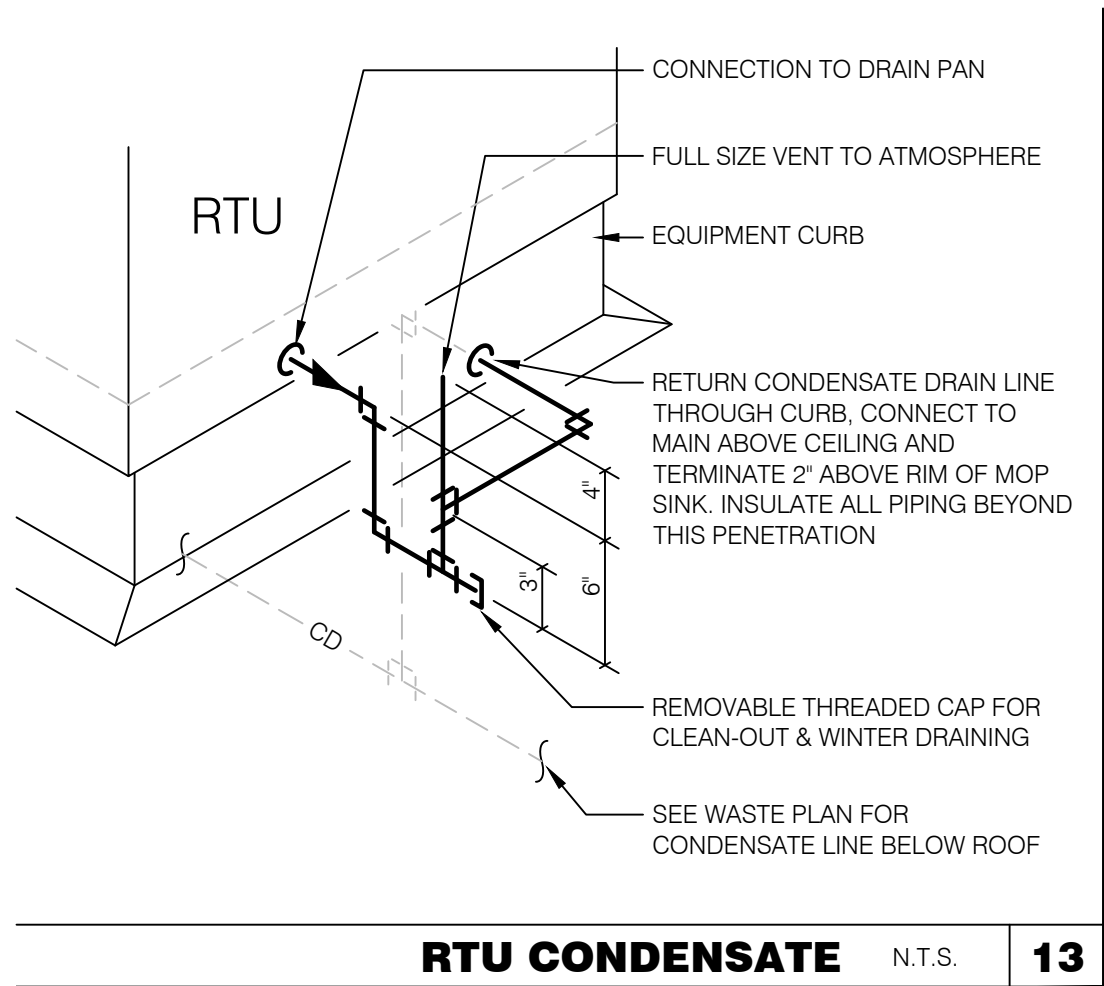
**RISER
 DIAGRAMS**

P4.0

PLOT DATE: --/--2020



TEMPERING VALVE N.T.S. 17



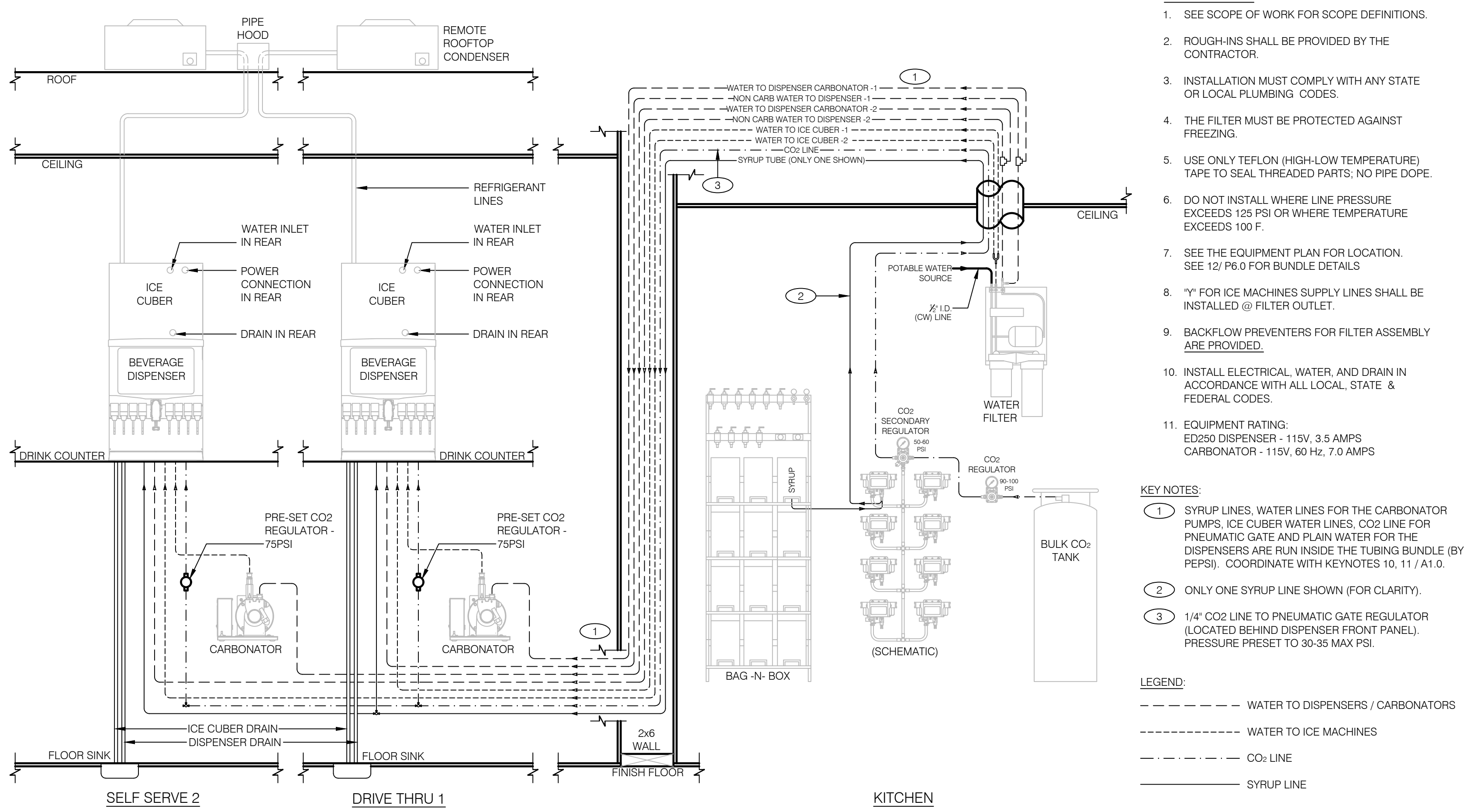
RTU CONDENSATE N.T.S. 13

QTY	MODEL #	DESCRIPTION
1	EF100T199E3N	BWC HIGH EFFICIENCY COMMERCIAL WATER HEATER
1	MPK7	MANIFOLD KIT *
1	DET12	EXPANSION TANK
1	HAL	ALARM LIGHT W/ INSTALLATION INSTRUCTIONS
1	PK100	STAND

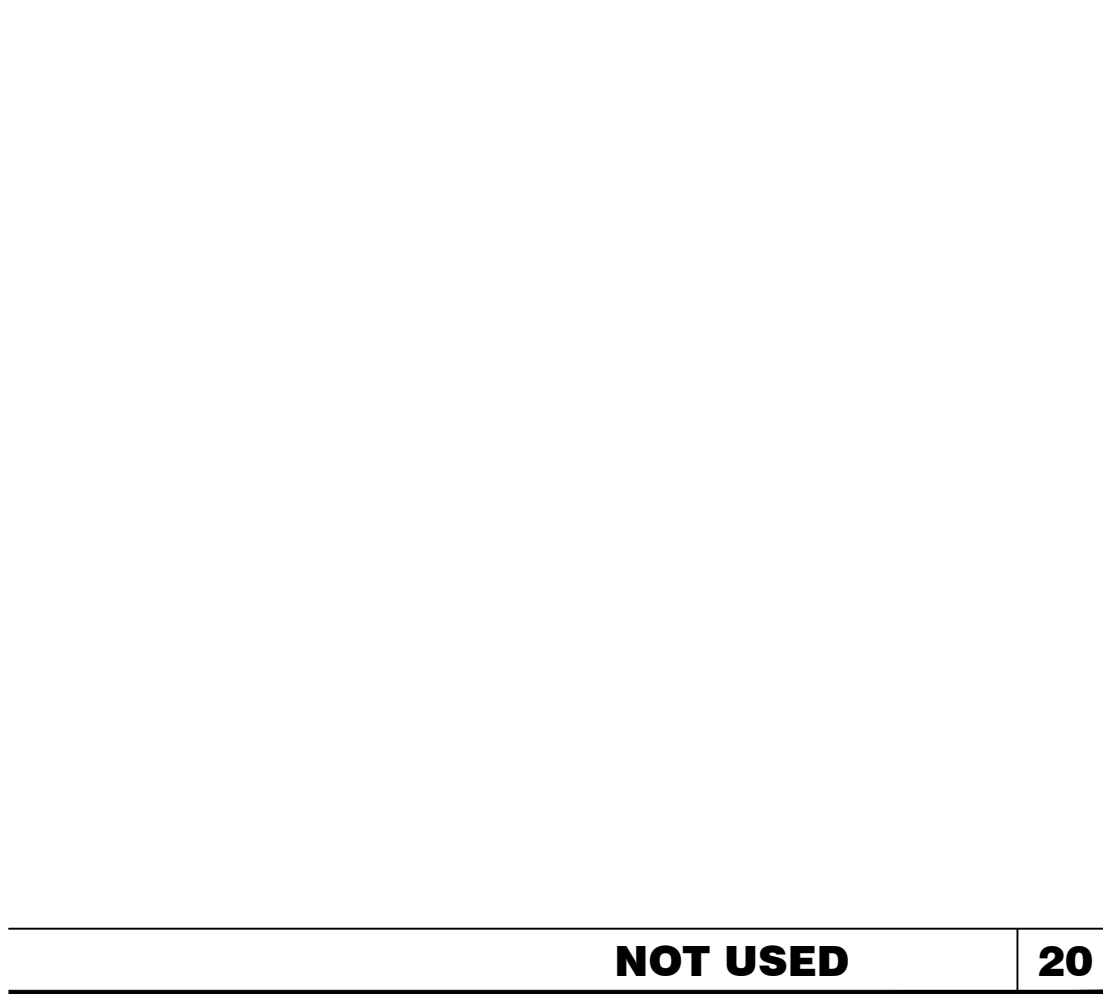
THE FOLLOWING IS INCLUDED IN THE MANIFOLD KIT:

QTY	DESCRIPTION	QTY	DESCRIPTION
1	3/4\"/>		

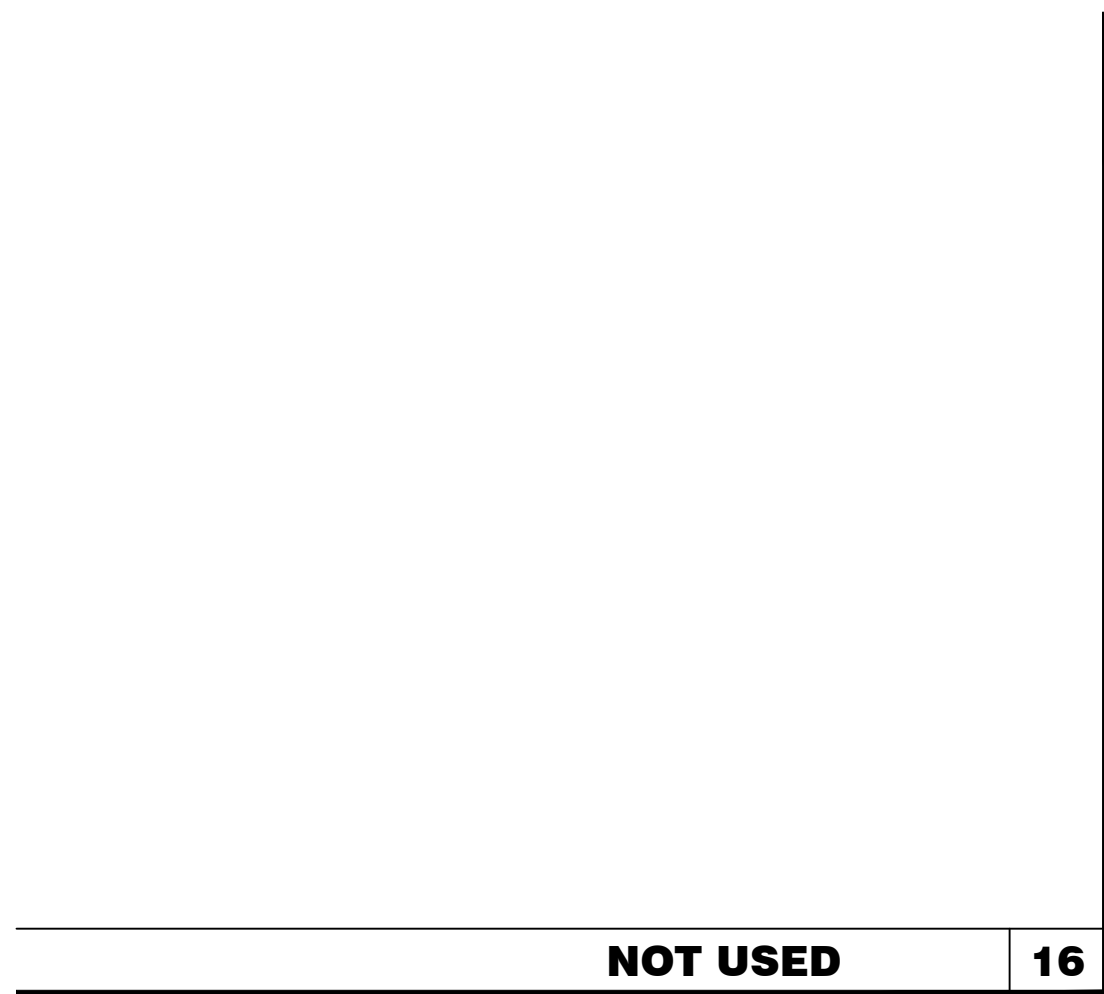
WATER HEATER SCHEDULE N.T.S. 9



DRINK SYSTEM SCHEMATIC N.T.S. 11



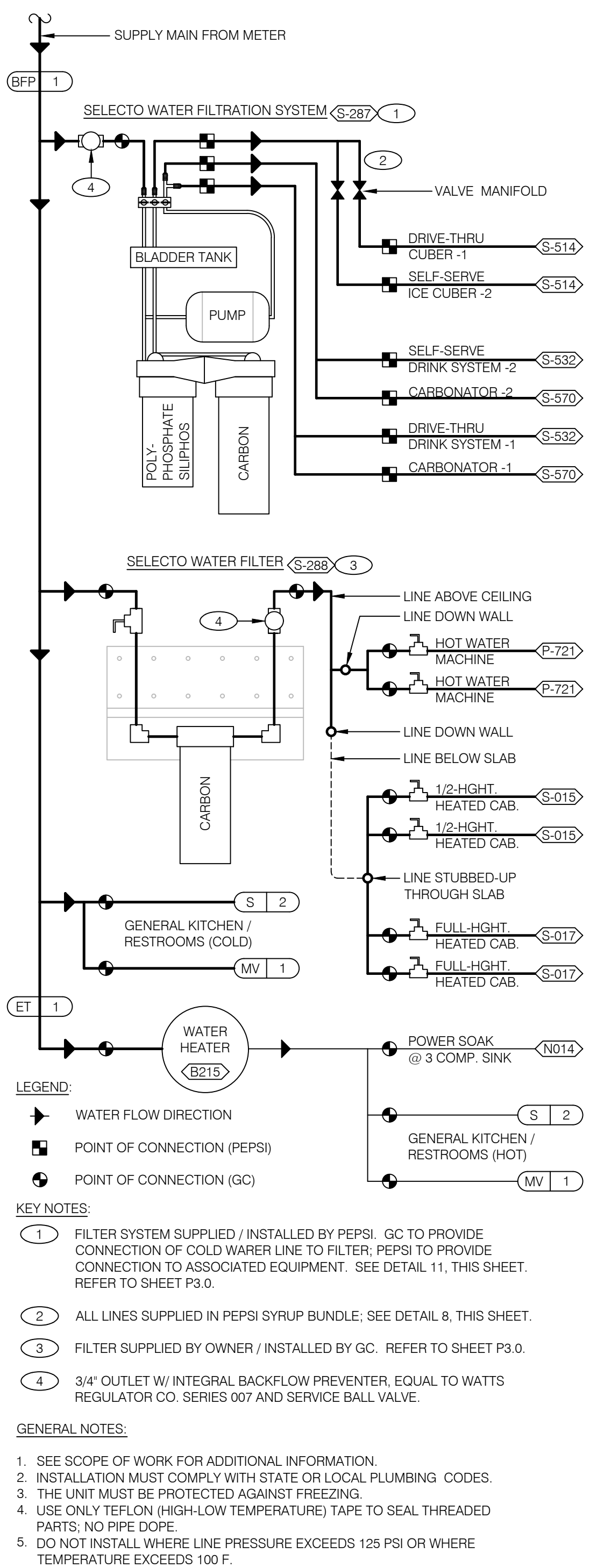
NOT USED 20



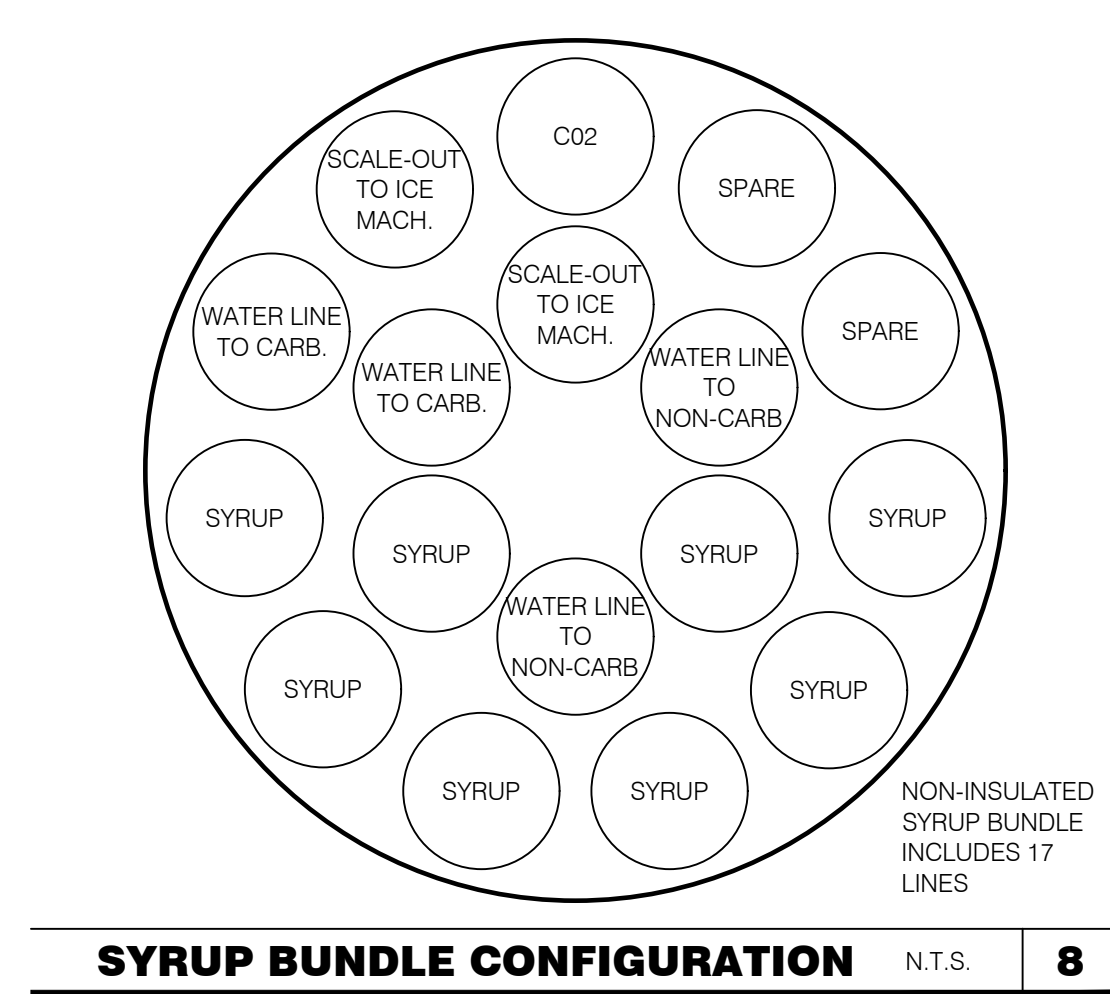
NOT USED 16

- GENERAL NOTES:**
- SEE SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY THE CONTRACTOR.
 - INSTALLATION MUST COMPLY WITH ANY STATE OR LOCAL PLUMBING CODES.
 - THE FILTER MUST BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE THE EQUIPMENT PLAN FOR LOCATION. SEE 12/ P6.0 FOR BUNDLE DETAILS.
 - "Y" FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
 - BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.
 - INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.
 - EQUIPMENT RATING: ED250 DISPENSER - 115V, 3.5 AMPS; CARBONATOR - 115V, 60 Hz, 7.0 AMPS.
- KEY NOTES:**
- 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.
 - ONLY ONE SYRUP LINE SHOWN (FOR CLARITY).
 - 1/4\"/>
- LEGEND:**
- WATER TO DISPENSERS / CARBONATORS
 - - - - - WATER TO ICE MACHINES
 - · - · - CO2 LINE
 - SYRUP LINE

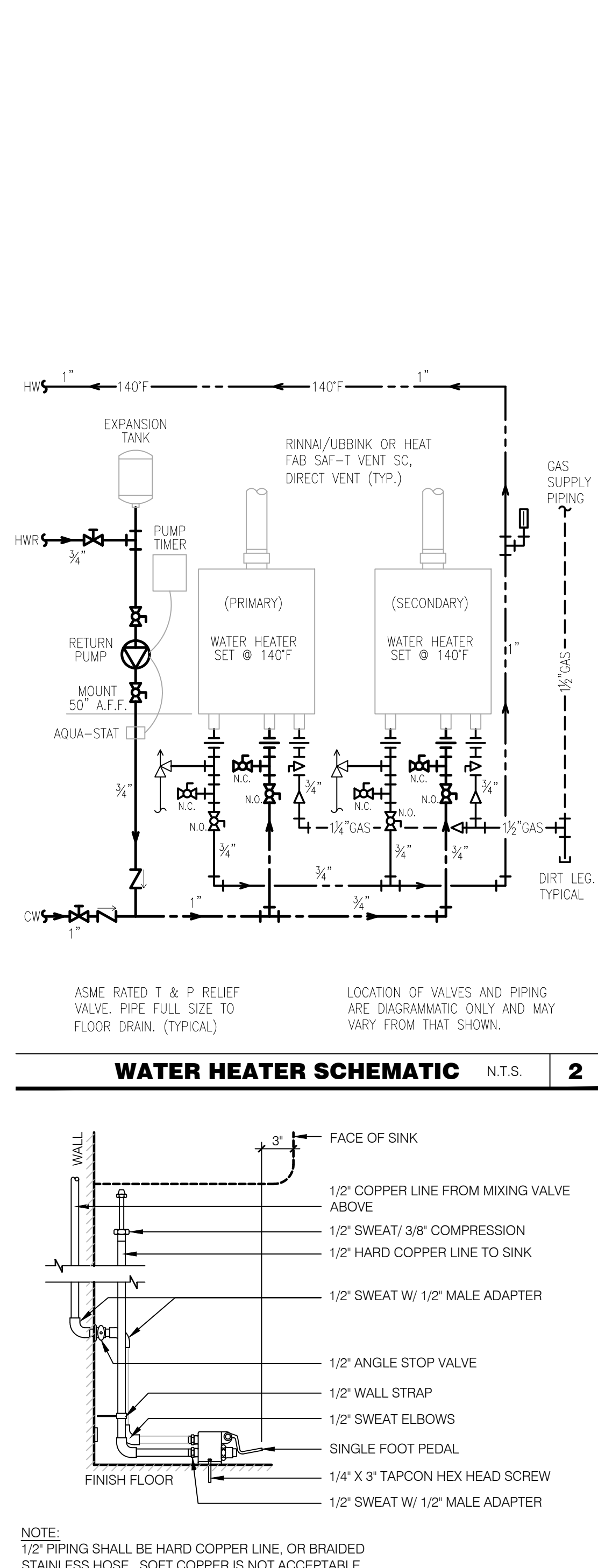
DETAIL NOTE USED 12



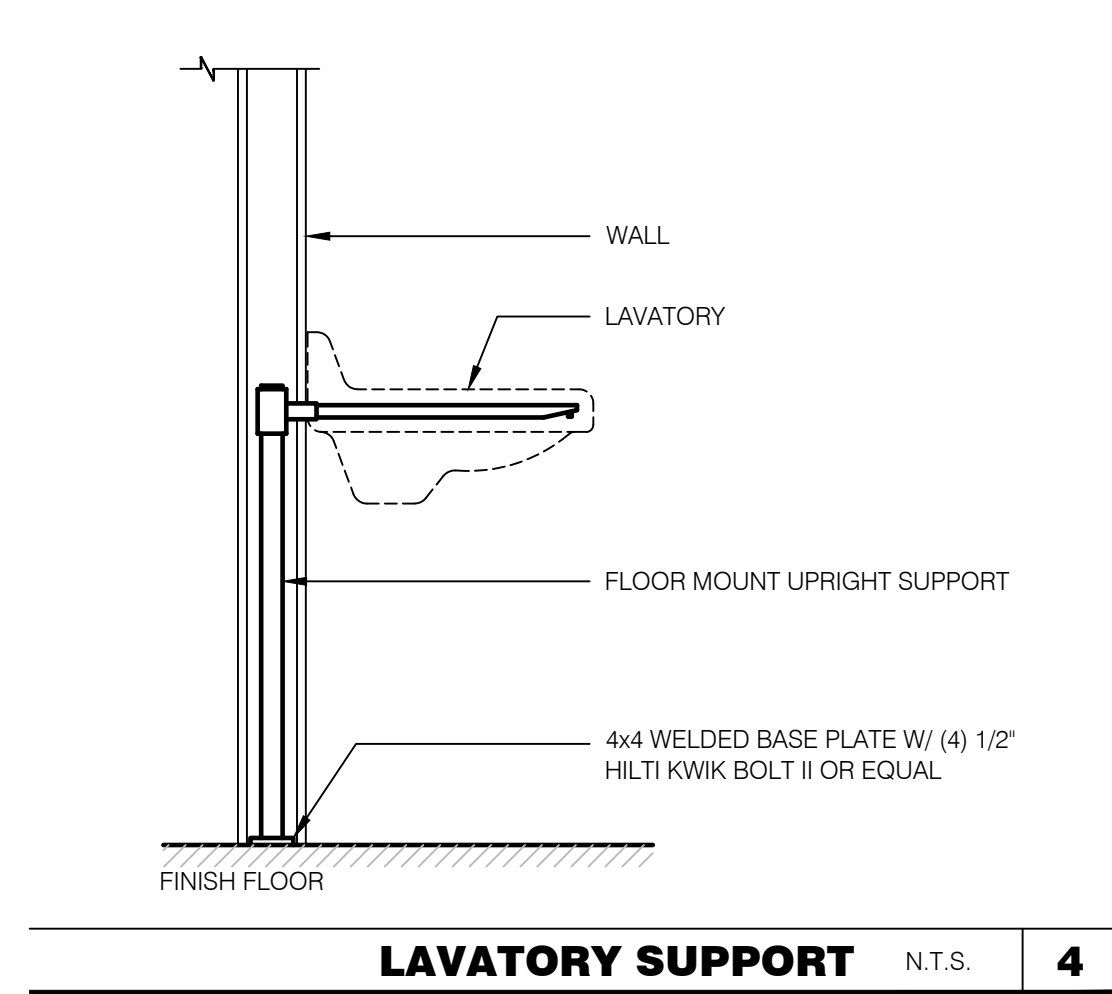
WATER FILTER SYSTEMS SCHEMATIC N.T.S. 7



SYRUP BUNDLE CONFIGURATION N.T.S. 8



WATER HEATER SCHEMATIC N.T.S. 2



FOOT PEDAL N.T.S. 3

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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

- 4/29/2020 BLDG DEPT COMMENTS
- 8/08/2022 OWNER CHANGES

CONTRACT DATE: ...-2019

BUILDING TYPE: Kb 30-19

PLAN VERSION: 2018.A

SITE NUMBER:

ENTITY NUMBER:

STORE NUMBER:

LIS PROJECT: 2019-304

KFC

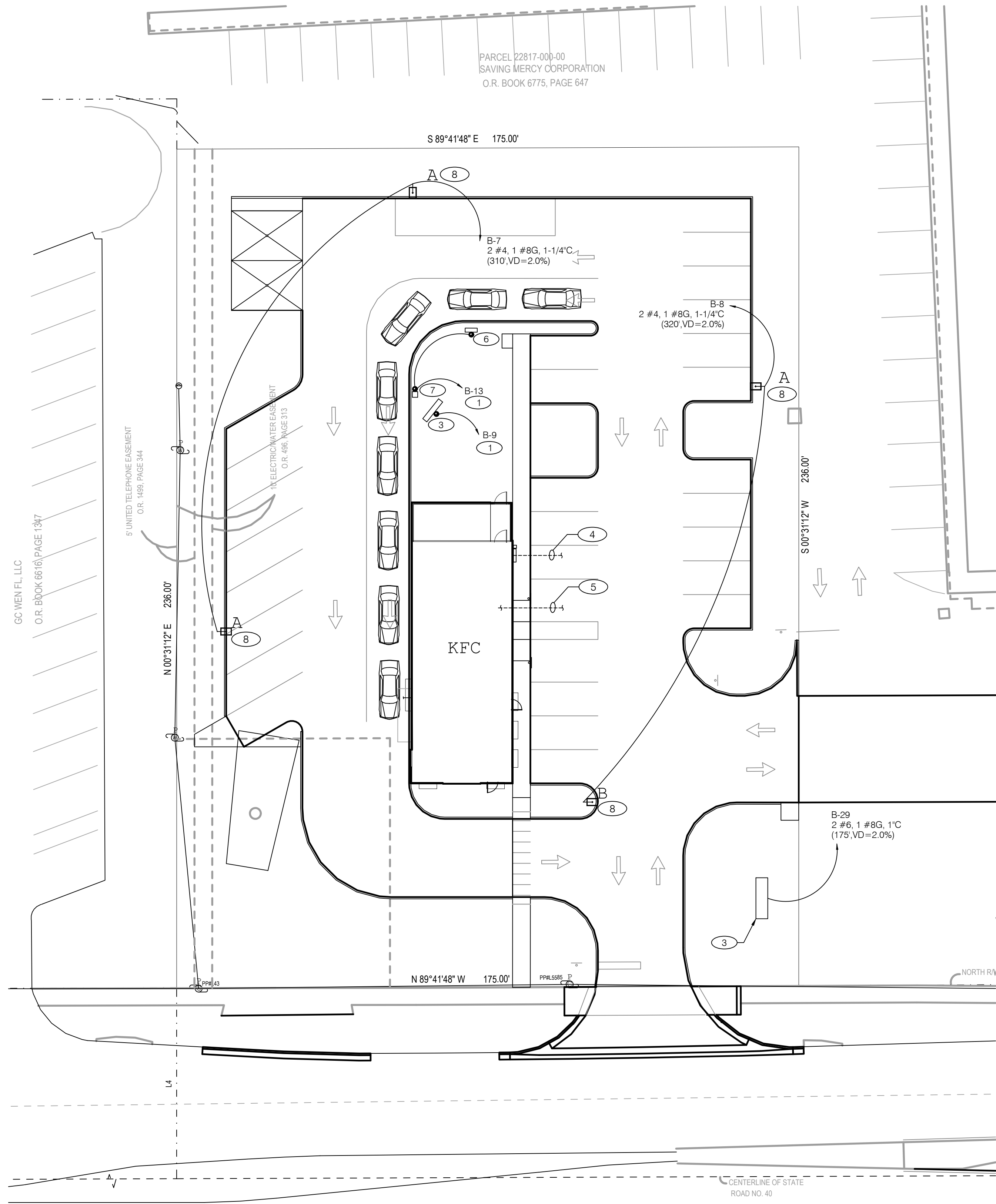
3615 W SILVER SPRINGS BLVD.
OCALA, FL

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).

- 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.

GENERAL NOTE

C

KEY NOTES

B

SITE ELECTRICAL PLAN N.T.S.

A

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ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

DATE	DESCRIPTION
4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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

**ELECTRICAL
SITE
PLAN**

E1.0

PLOT DATE: --/--/2020

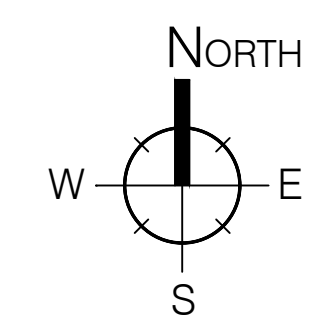
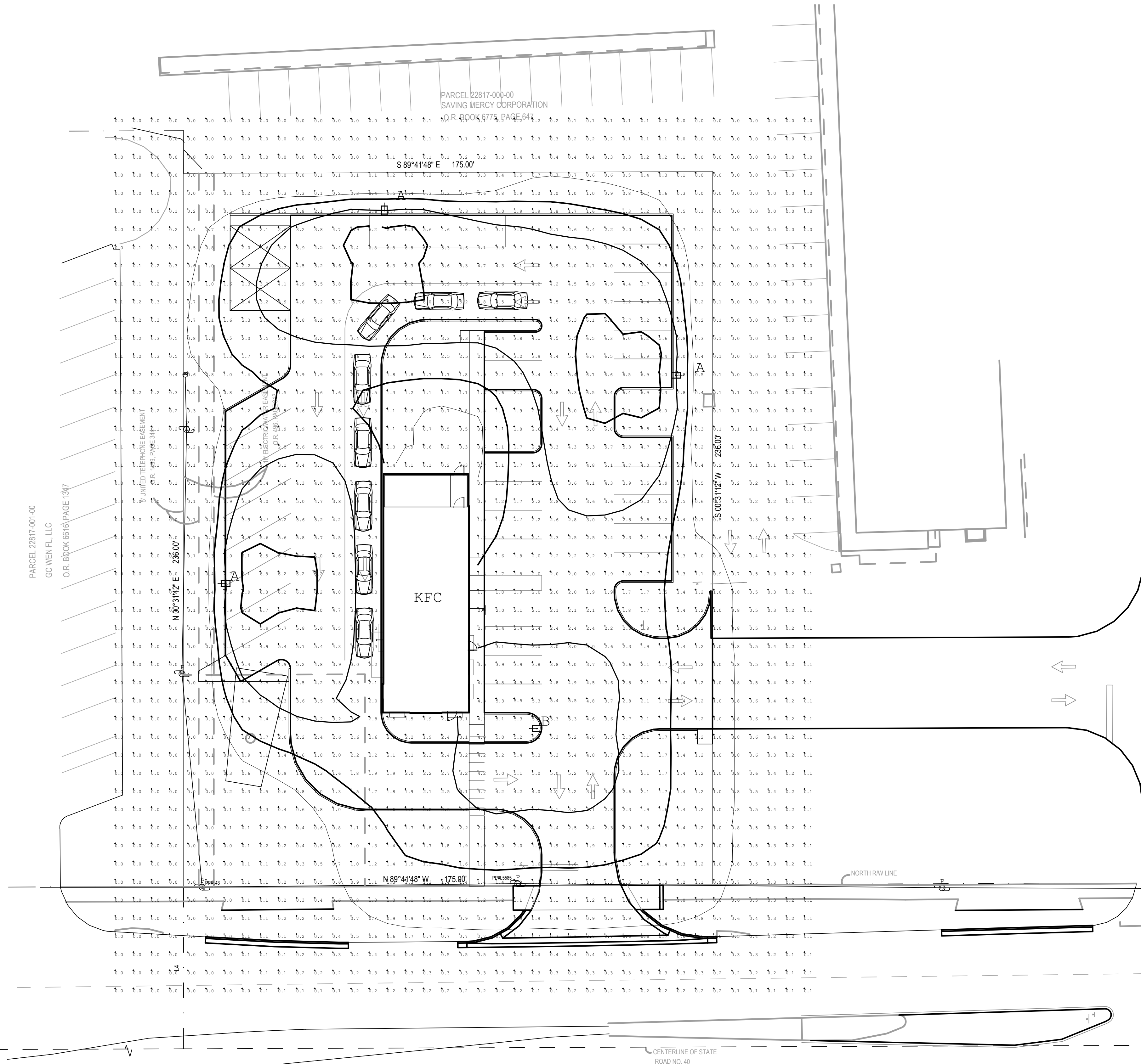
KFC
 3615 W. SILVER SPRINGS BLVD.
 Ocala, FL
 PREPARED BY: JOHN BUJAKE
 ACCUSERV LIGHTING & EQUIPMENT
 877-707-7378
 jbujake@accu-serv.com
 JANUARY 21, 2020

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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ROBERT WAYNE CASE
 FLORIDA PE #44643

PLAN SET REVISIONS:	
Δ 4/29/2020	BLDG DEPT COMMENTS
Δ 3/08/2022	OWNER CHANGES
Δ	
Δ	
Δ	
Δ	
Δ	
Δ	

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



**SITE
 ELECTRICAL
 LIGHTING PLAN**

E1.1

PLOT DATE: --/--/2020



ROBERT WAYNE CASE
FLORIDA PE. #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES

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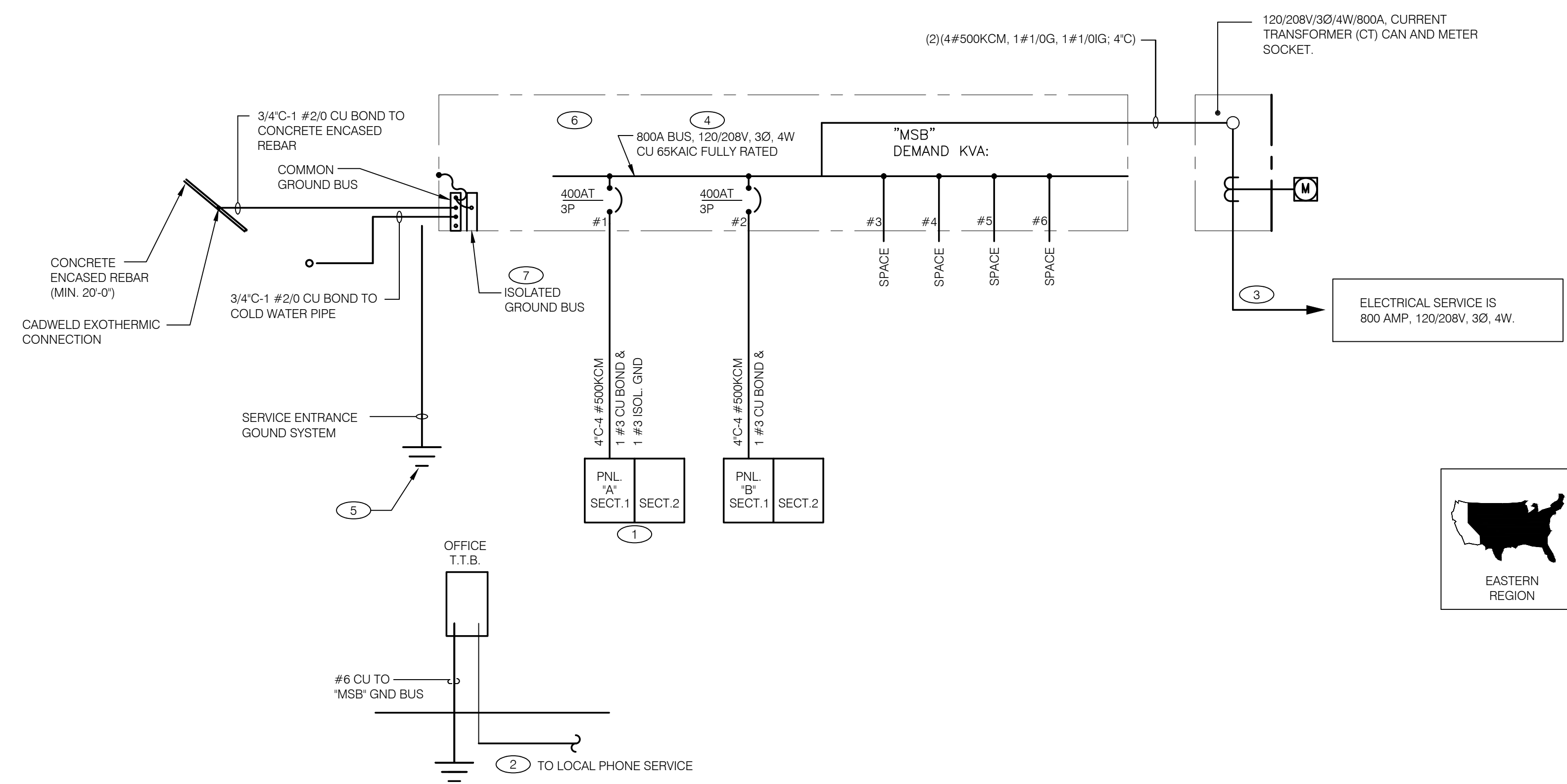
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OCALA, FL



RISER
DIAGRAM
AND LEGEND

E2.0

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		

POINT OF SERVICE INDICATION

B

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

ELECTRICAL LEGEND

G

- 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.
- SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
- 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.
- 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.
- ALL WIRING SHOWN SHALL BE COPPER TYPE "THH-NH-TW-N" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
- USE 2014 NC STATE ELECTRICAL CODE (2014 NEC WITH NC AMENDMENTS)
- 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

GENERAL NOTES

D

SINGLE LINE DIAGRAM - EAST REGION

A

- 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.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE.
- 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.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH LOCAL UTILITY COMPANY AND CONFIRM 65 KAIC RATED EQUIPMENT IS SUFFICIENT.
- (3) 5/8" DIA. 10'-0" COOPER CLAD GROUND RODS. INSTALL 12'-0" APART AND CONNECT GROUND SYSTEM PER NEC ARTICLE 250.
- PROVIDE PANEL 'MSB' WITH AN ISOLATED GROUND BUS. DO NOT COMBINE COMMON GROUND TO ISOLATED GROUND.
- PROVIDE PANEL SERVICE ENTRANCE FUSED DISCONNECT SWITCH WITH AN ISOLATED GROUND BUS. BOND ISOLATED GROUND BUS TO COMMON GROUND.

KEY NOTES

C

PANEL A		VOLTAGE		208/120 3 PH 4W		AIC RATING 65K		REMARKS	
		FEEDER AMP LUGS		380 MAINS		400 MLO		MOUNTING FLUSH	
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE
30/1	G	S-532 BEVERAGE DISPENSER	480	1	A	2	1000	UTILITY RECEPTACLE	G
30/1	G	S-532 BEVERAGE DISPENSER	480	3	B	4	1200	2 U-100/2 U-070 POS/ORDER ENTRY TERM (2)	COUNTER G,IG
20/1	G	P-500 MXER & P-351 MXER TIMER	1200	5	C	6	360	F-170 SAFE WALDIT LOCK IG	COUNTER IG
20/1		UTILITY/USB OUTLET	180	7	A	8	864	S-570 CARBONATOR	D/T G
40/2	LF	P-721 HOT WATER DISPENSER	3025	9	B	10	1280	S-251 DRIVE THRU TIMING SYSTEM	D/T G,IG
↓	↓	↓	3025	11	C	12	276	P-601 BREADER	G
20/1	G	C-212 BUN TOASTER	1560	13	A	14	600	U-031 CCTV DVR & MONITOR	G,IG
20/1	IG	F-040/F-050/F-090 OFFICE COMPUTER / MONITOR / UPS	300	15	B	16	480	U-008 COMM SYS BASE STATION	D/T G,IG
20/1	IG,LO	U-050 OFFICE SECURITY SYSTEM	300	17	C	18	276	P-601 BREADER	G
20/1		OFFICE TELE / UTILITY RECEPTACLES	900	19	A	20	864	S-570 CARBONATOR	S/S G
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		SPARE	0	23	C	24	1000	UTILITY RECEPTACLE	G
20/1	G	C-212 BUN TOASTER	1560	25	A	26	1920	S-015 1/2 HEIGHT HEATED CABINET	G
20/1		CENTER DINING TABLE UTILITY RECEPT.	1000	27	B	28	1920	S-015 1/2 HEIGHT HEATED CABINET	G
20/1	G	R-002 SINGLE SPLIT DOOR FREEZER	1200	29	C	30	0	SPARE	G
30/1		FUTURE EQUIPMENT	1000	31	A	32	1776	S-404 TEA BREWER	D/T G
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
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-089 COLD WELL TABLE	20/1
↓	↓	↓	925	45	B	46	2300	C-205 SANDWICH SPLIT TOP GRILL	30/1
↓	↓	↓	925	47	C	48	284	S-514 ICE MACHINE CONDENSER	S/S G
20/3		W-212 WALK-IN PRODUCE COOLER	925	49	A	50	500	F-131 MUSIC SYSTEM (MUZAK)	IG
↓	↓	↓	925	51	B	52	284	S-514 ICEMAKER	D/T G
↓	↓	↓	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		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
↓	↓	↓	2000	81	B	82	744	PEPSI BOOSTER PUMP	G
↓	↓	↓	2000	83	C	84	540	UTILITY OUTLETS	20/1
Connected Load Per Phase			PH A: 40511	PH B: 44297	PH C: 40901	Total VA		Amps	
Connected VA	LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC	Total VA	Amps
Demand Factor	0	25170	23058	5880	17589	26866	24846	123409	342.6
Demand Factor	1.25	1.00	1.00	NEC	0.65	1.00	1.00	114006	316.5
Demand Factor	0	25170	23058	5880	17589	17463	24846		

PANEL B		VOLTAGE		208/120 3 PH 4W		AIC RATING 65K		REMARKS	
		FEEDER AMP LUGS		380 MAINS		400 MLO		MOUNTING FLUSH	
BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE
20/1	LC	KITCHEN LIGHTS	878	1	A	2	420	DINING ROOM LIGHTS	LC
20/1	LC	RESTROOM LIGHTS & EF-4&5	480	3	B	4	190	DINING ROOM LIGHTS	LC
20/1	LC	COOLER / FREEZER LIGHTS	800	5	C	6	1050	DINING ROOM TRACKS	LC
20/1	LO,O	ENERGY MANAGEMENT SYSTEM	500	7	A	8	638	DINING ROOM TRACKS	LC
20/1	LC	CANOPY LIGHTS	216	9	B	10	270	EXTERIOR WALL LIGHTS	LC
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	LC	MENU BOARD / PREVIEW BOARD @ D/T	720	15	B	16	0	PARKING LIGHTING	LC
20/1	SPARE	↓	0	17	C	18	0	↓	↓
20/1		SHOW WINDOW	1200	19	A	20	3024	P-721 HOT WATER DISPENSER	↓
20/1		SHOW WINDOW	1200	21	B	22	3024	↓	↓
20/1		SHOW WINDOW	1200	23	C	24	1200	CANOPY SIGN	LC
20/1		SPARE	0	25	A	26	1200	BUILDING SIGN	LC
20/1		SPARE	1200	27	B	28	0	PARKING LIGHTING	LC
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	**
↓	↓	↓	2664	55	A	56	600	R-030 1/2 HEIGHT FREEZER	G,**
↓	↓	↓	2664	57	B	58	600	R-030 1/2 HEIGHT FREEZER	G,**
50/3	**	C-134 CONVECTION OVEN w/CONTROL	4476	59	C	60	3600	S-818 DUKE HEAT SYNK 2X3	**
↓	↓	↓	4476	61	A	62	500	HOOD CONTROL RELAY	LO
↓	↓	↓	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	
↓	↓	↓	0	83	C	84	0	SPACE	
Connected Load Per Phase			PH A: 33098	PH B: 29224	PH C: 31474	Total VA		Amps	
Connected VA	LIGHTING	HVAC	MOTORS	RECEPT	REFRIG	KITCH	MISC	Total VA	Amps
Demand Factor	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	86954	241.4
Demand Factor	26780	1224	0	0	0	53446	5504		

PANEL SCHEDULES

A

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) =	648.9	557.8
208/120 3-PH		

LOAD SUMMARY

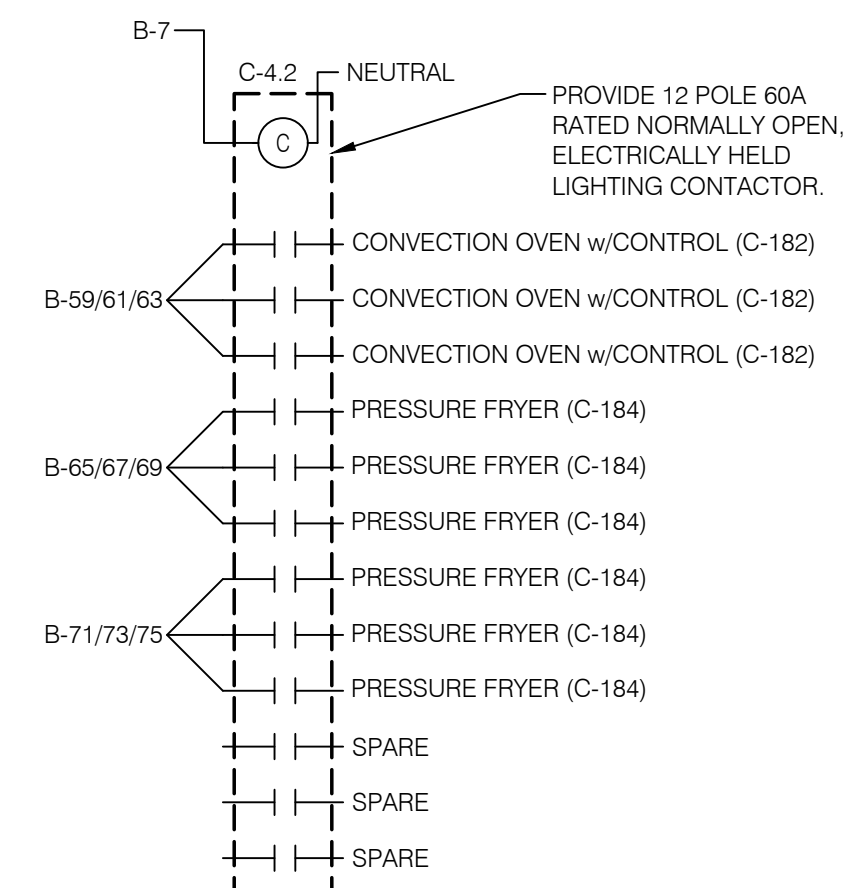
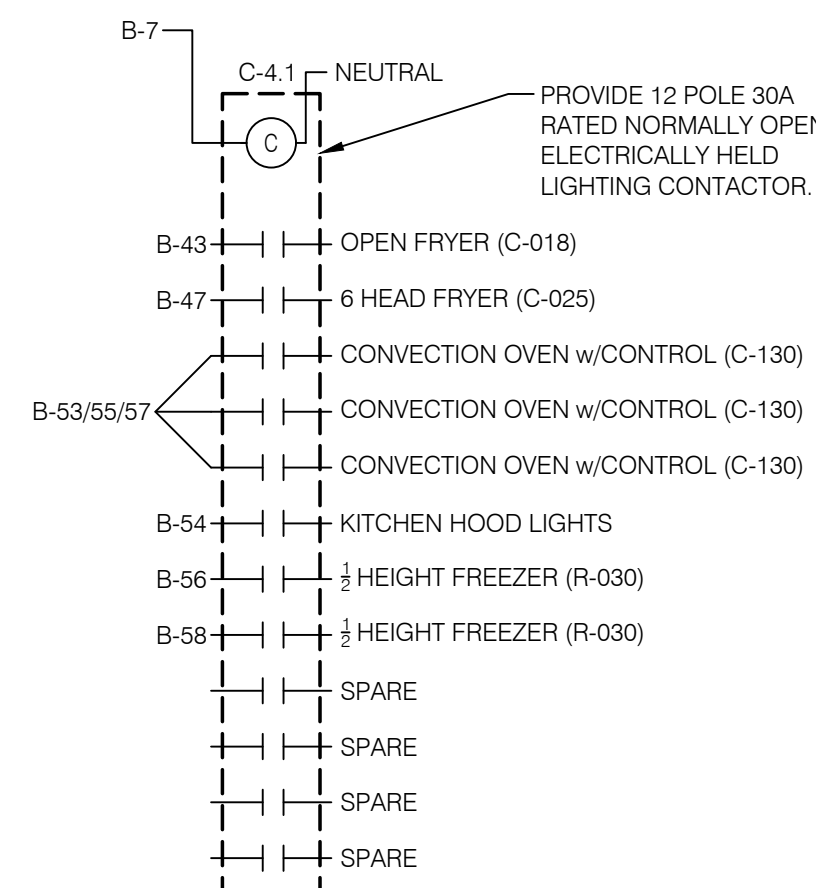
B

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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ARCHITECTURE
ENGINEERING

LIS

ROBERT WAYNE CASE
FLORIDA PE #44643

- PLAN SET REVISIONS:
- Δ 4/29/2020 BLDG DEPT COMMENTS
 - Δ 3/08/2022 OWNER CHANGES

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



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 5-20R	
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#12G; 3/4"C	NEMA 5-20R-IG	
F-050	2	+24"	120/1	CREDIT CARD ROUTER	A-80	2#12,1#12G; 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	SAFEWITOUCH 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.

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

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.

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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020 BLDG DEPT COMMENTS

3/08/2022 OWNER CHANGES

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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

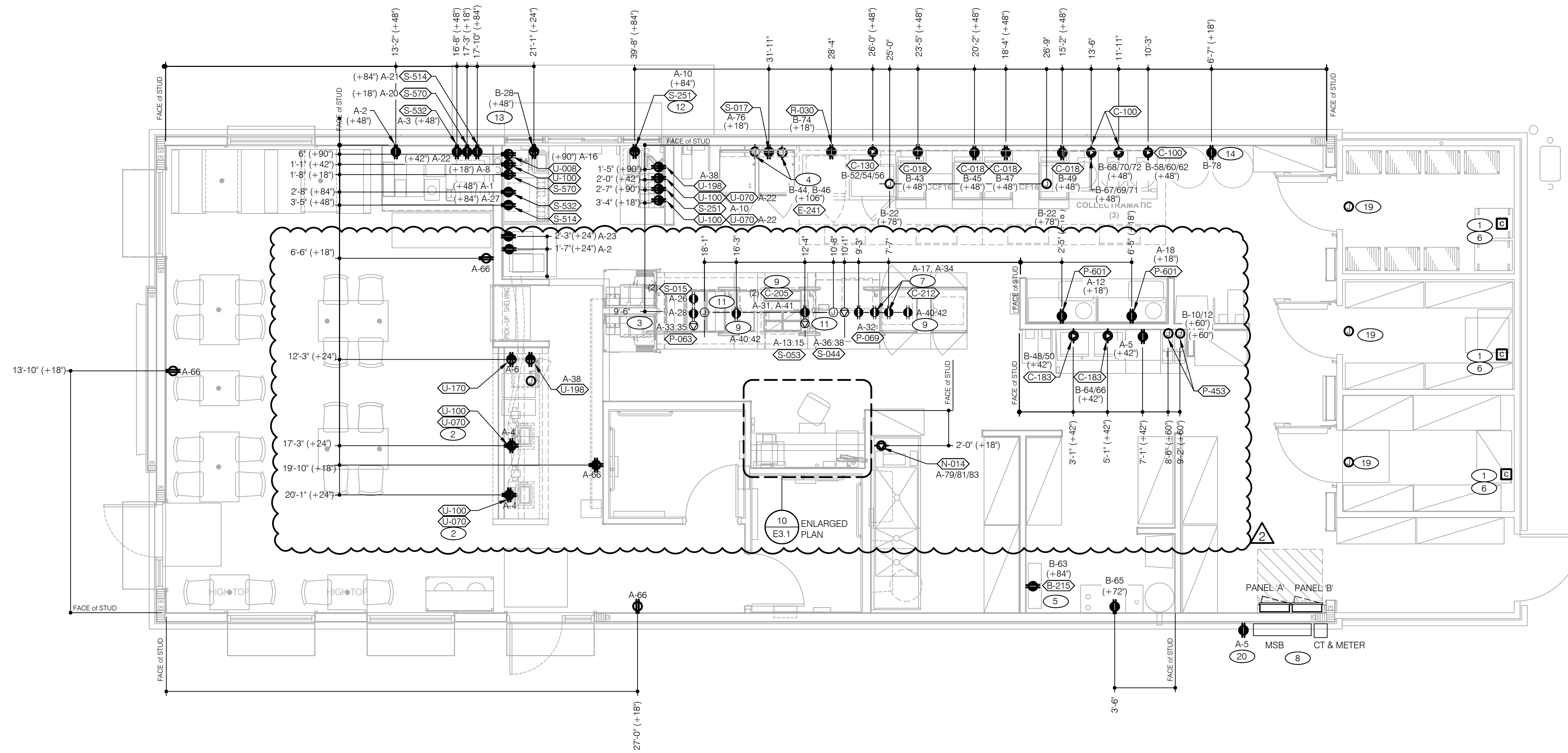
EQUIPMENT
SCHEDULES

E2.2

KITCHEN EQUIPMENTSCHEDULES

A

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.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINERY REAR WALL.
- 3 PACK LINE EQUIPMENT -P-054> <-P-164> SHALL BE POWERED VIA FLOOR MOUNTED RECEPTACLES AS INDICATED ON PLAN. COORDINATE WITH MANUFACTURER'S 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 ELECTRICAL PLAN E1.0, and 14 / E6.0. COORDINATE J-BOX ROUGH-IN WITH FURNITURE PLAN.
- 17 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.
- 18 PROVIDE POWER TO J-BOX FOR DOOR AND CONDENSATE HEAT. CONNECT TO CIRCUIT INDICATED. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS.
- 19 WEATHER PROOF/RESISTANT DUPLEX OUTLET.

NOT USED **D**

POWER PLAN GENERAL NOTES **C**

KEY NOTES **B**

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ROBERT WAYNE CASE
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PLAN SET REVISIONS:

DATE	DESCRIPTION
4/29/2020	BLDG DEPT COMMENTS
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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.

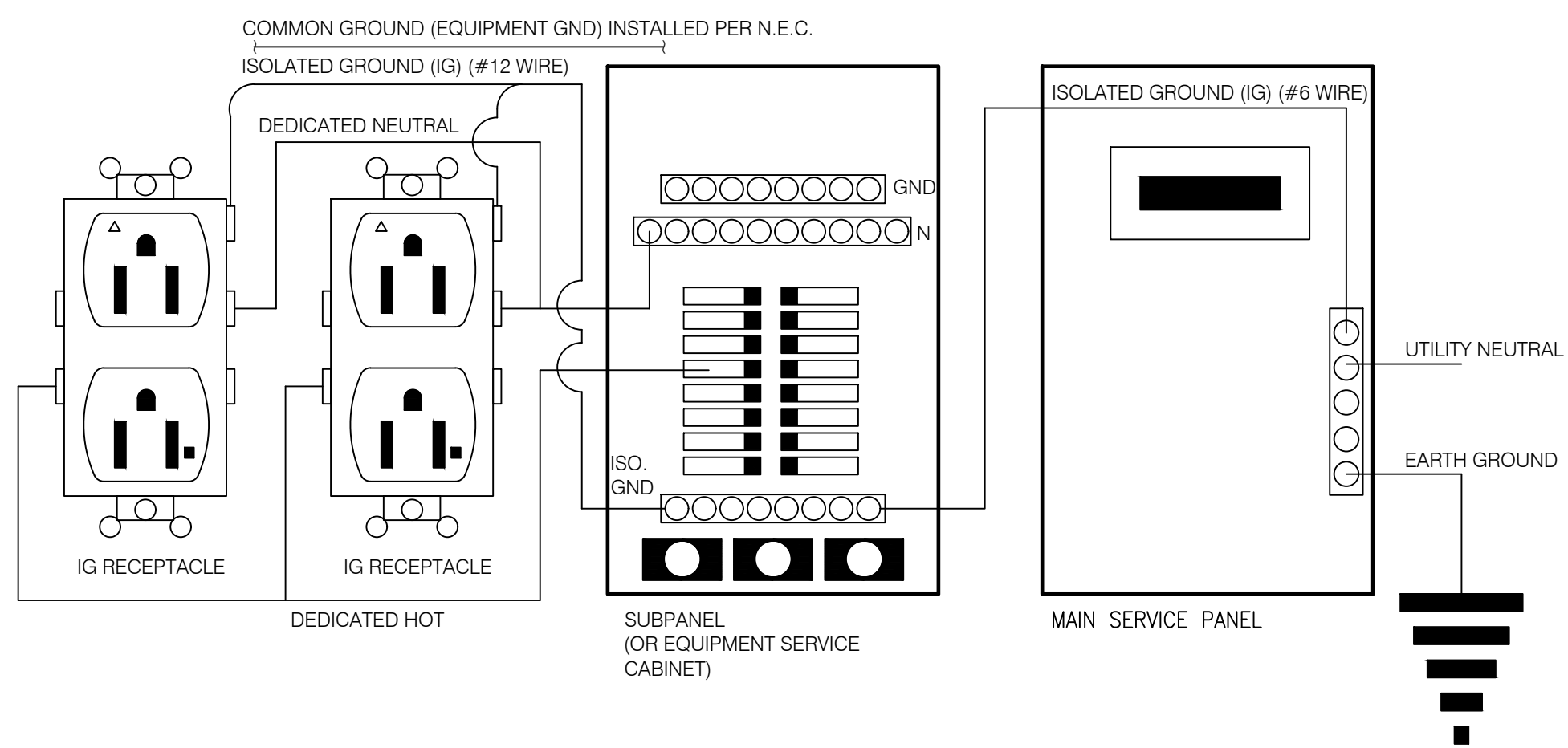
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

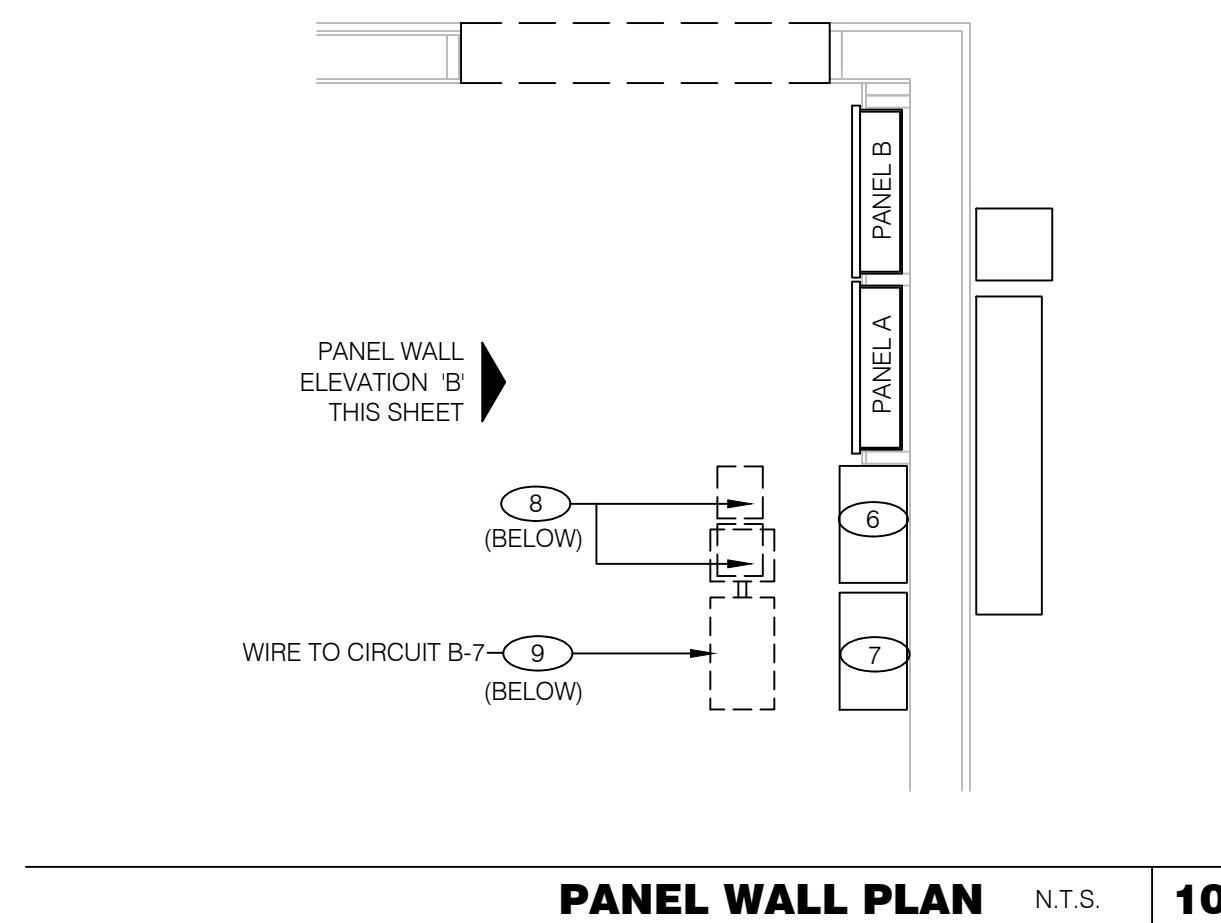
- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY 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.

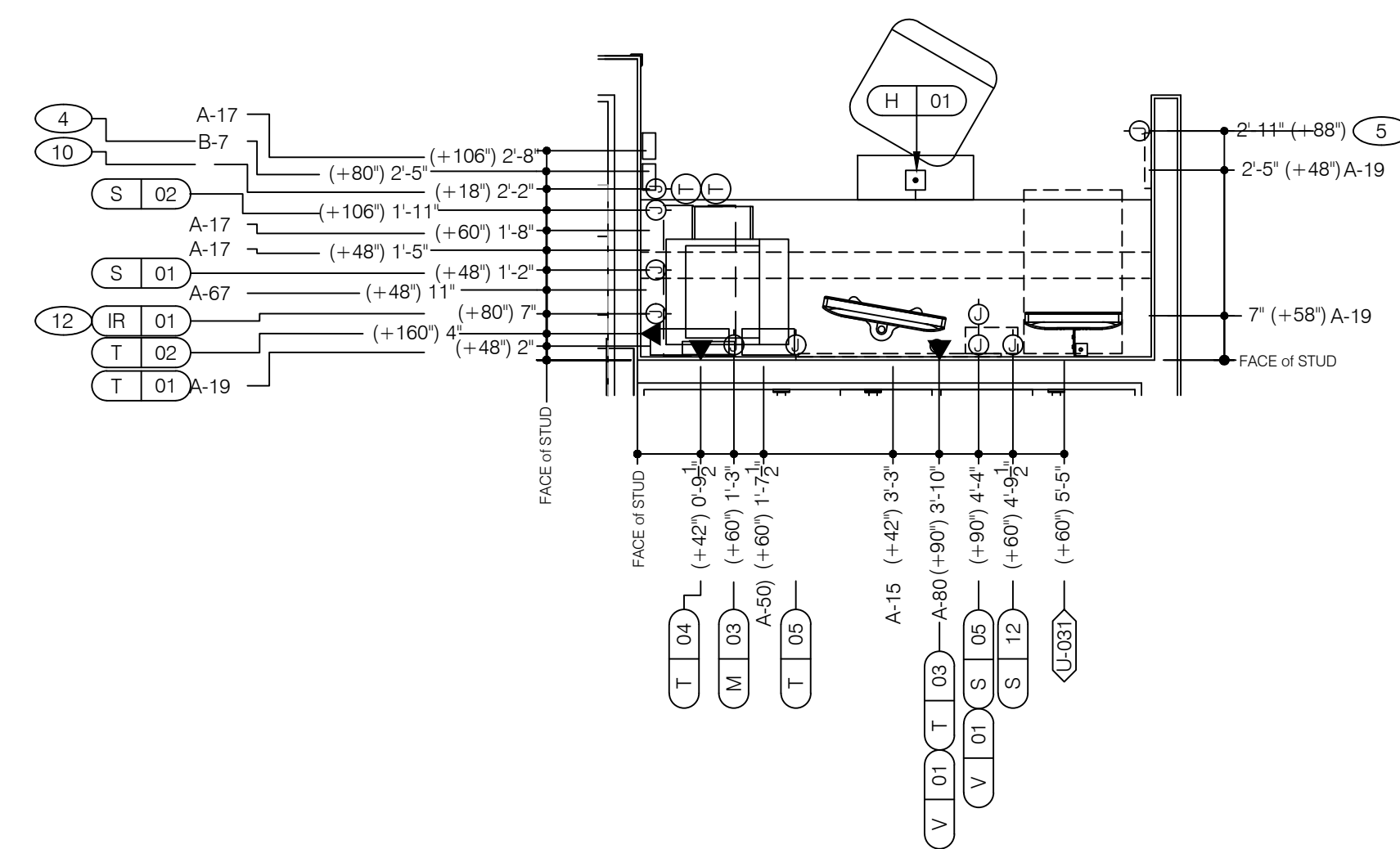
DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE 'PHASE ALIGNED' WITH THE 'B' PHASE OF BUILDING SUBPANEL 'A'.



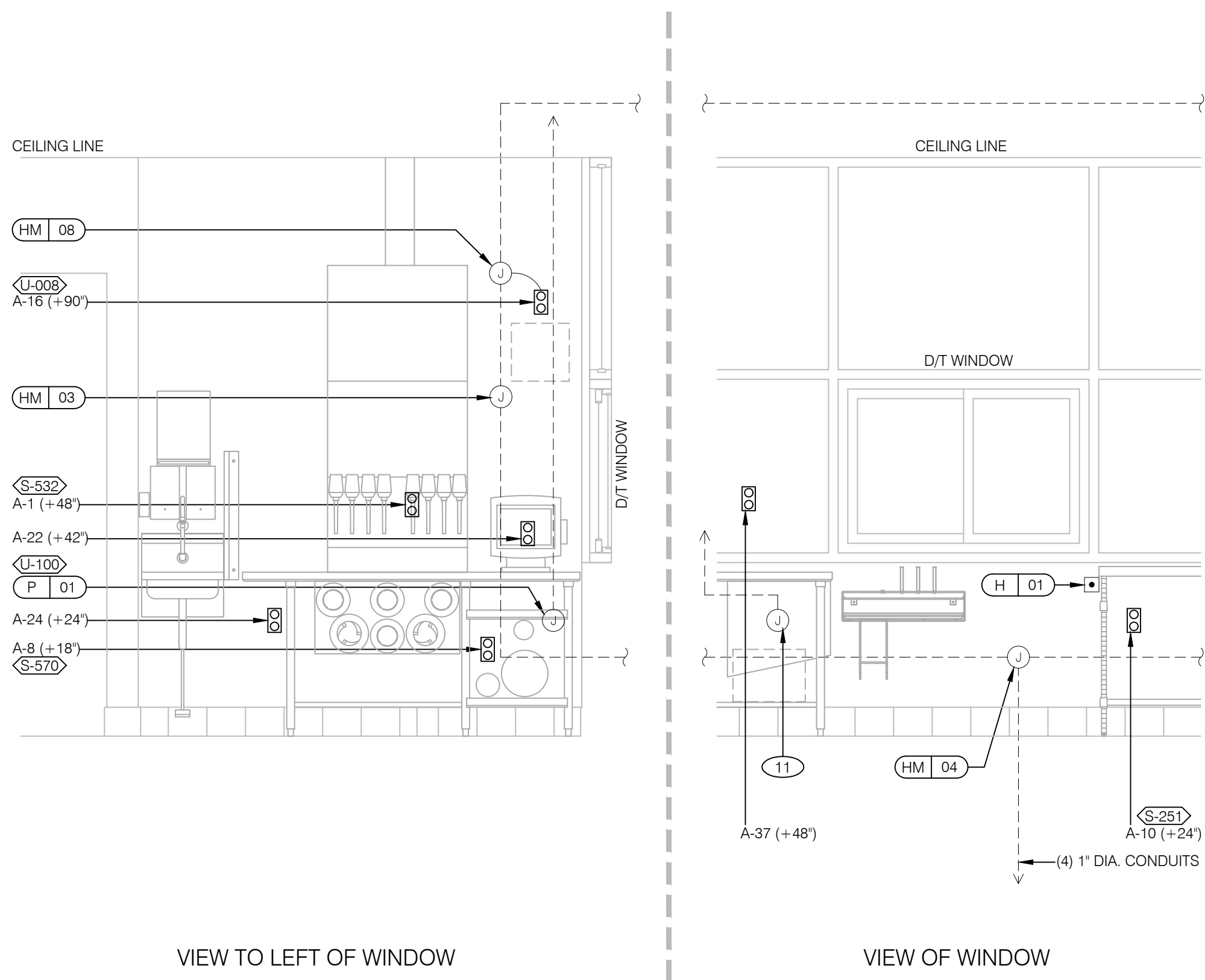
P.O.S. ISOLATED GROUND SYSTEM N.T.S. **14**



NOT USED **12**

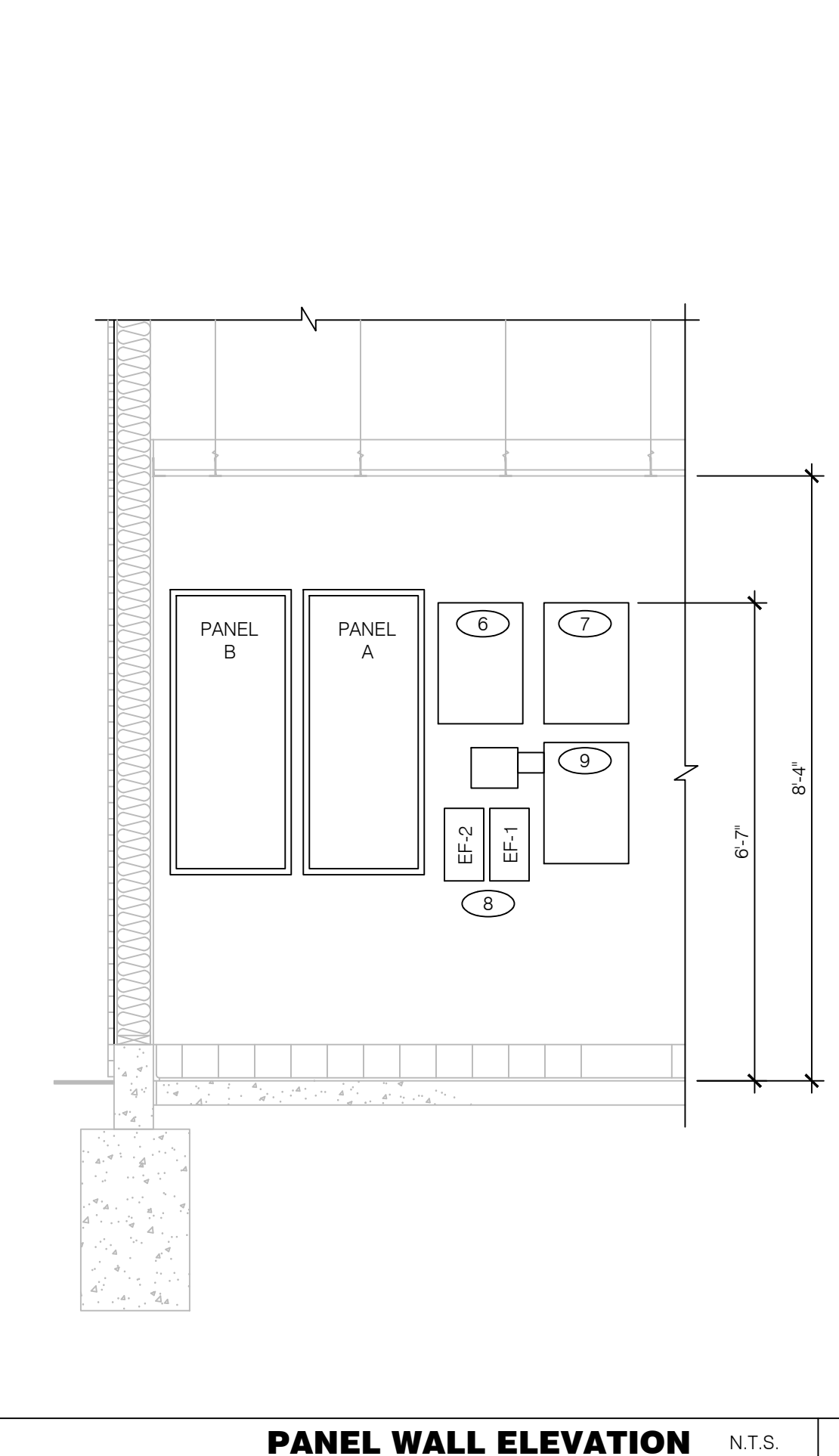
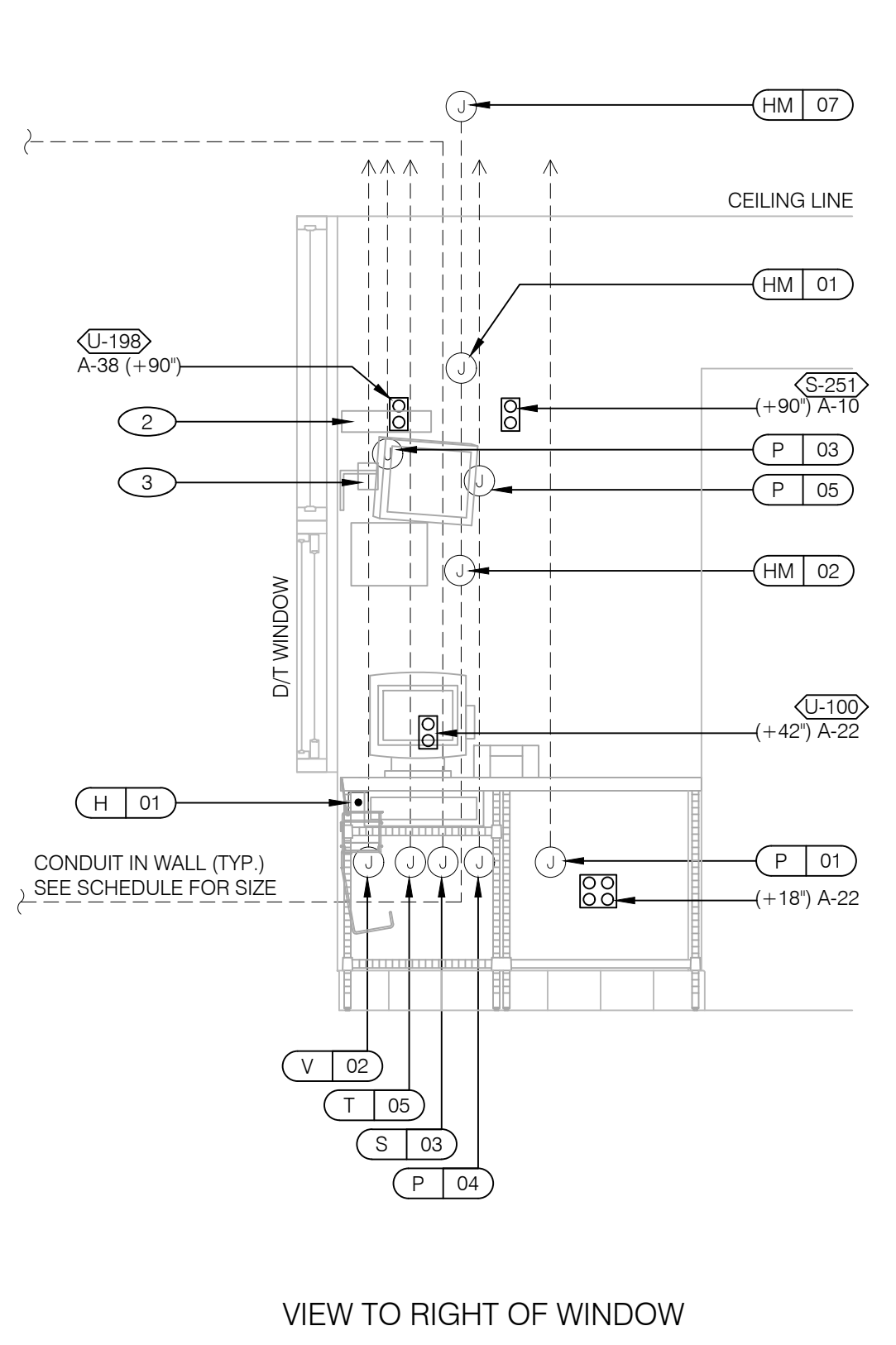


ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" **3**



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**

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

KEY NOTES **A**

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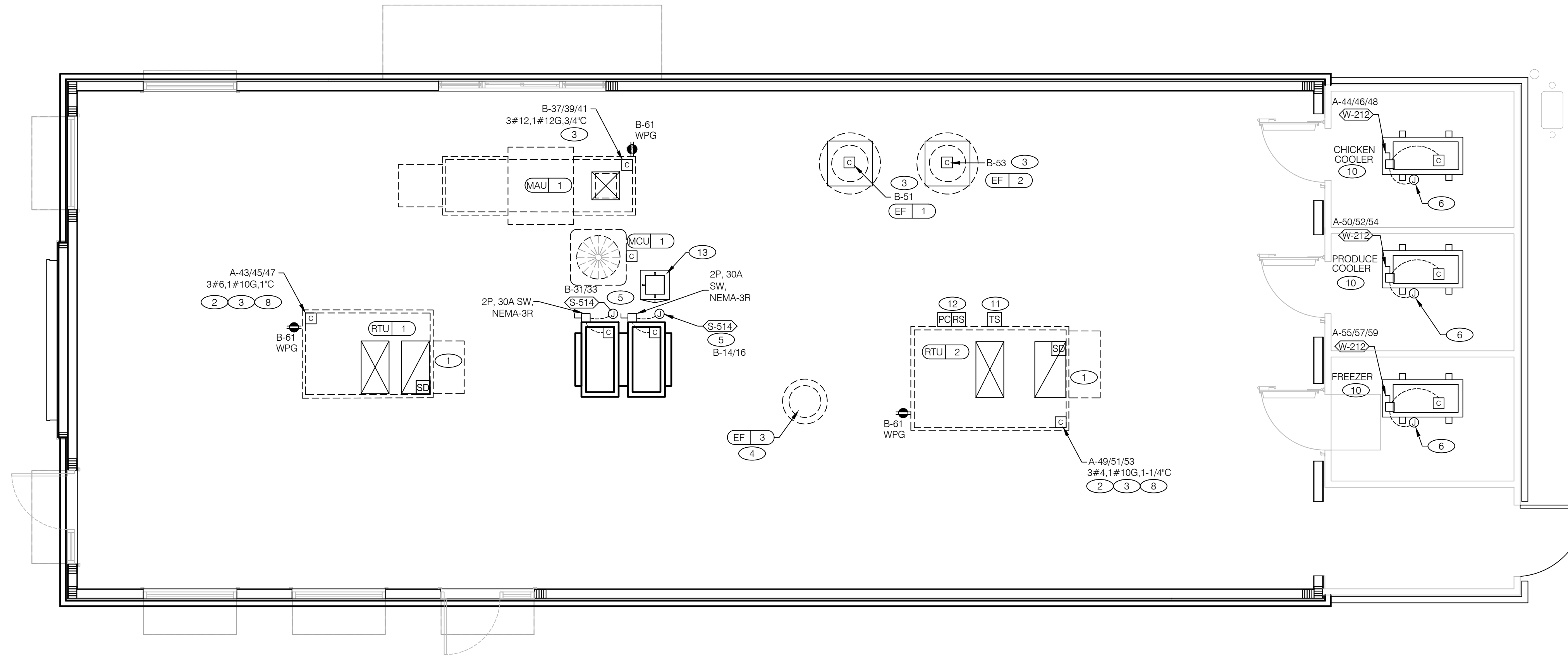
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**ENLARGED
POWER PLAN
AND DETAILS**

E3.1

PLOT DATE: --/--/2020



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

- 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 MFRS AND INSTALLERS 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.

- 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

NOT USED **F**

NOT USED **E**

POWER ROOF PLAN NOTES **D**

KEY NOTES **B**

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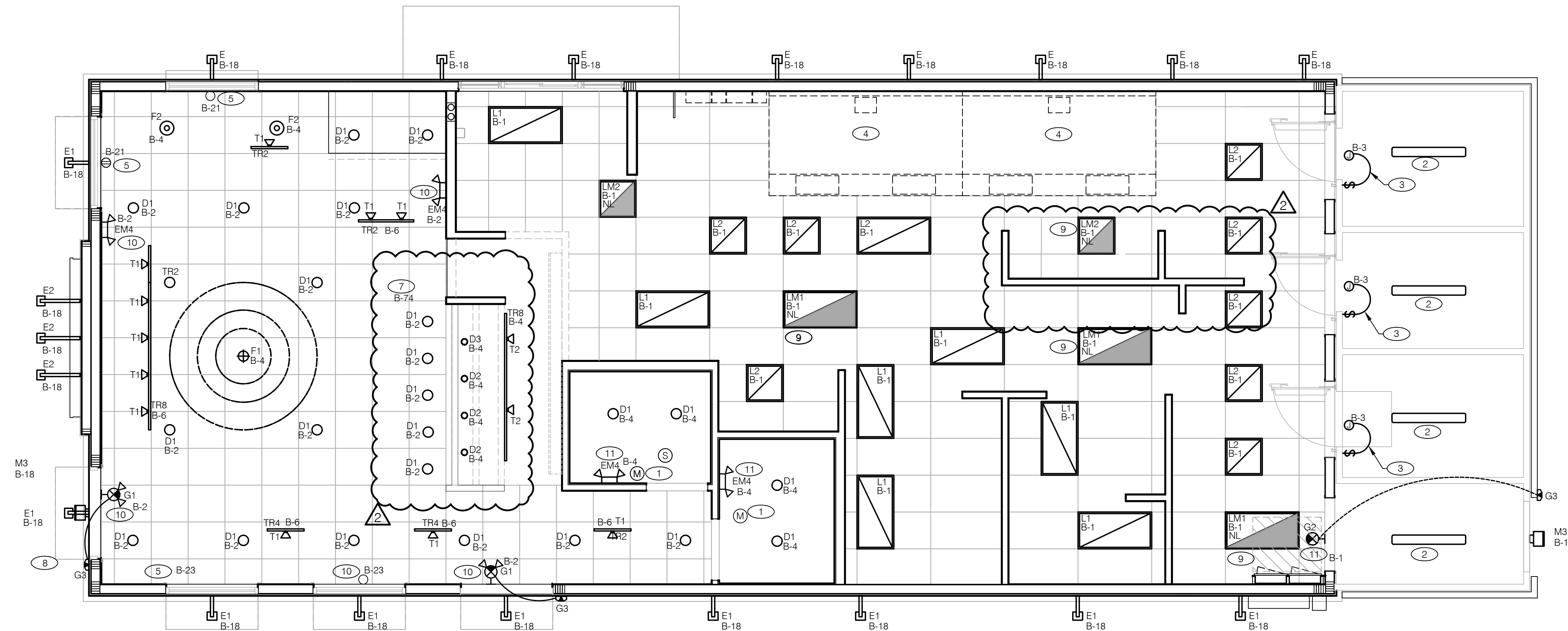
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POWER ROOF PLAN

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 LED14DR9630K95	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 INTEGRATED 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 INTEGRATED 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: RL628DMTR-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: MFPEL24LED50DMWH35	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: MFPEL24LED50DMWH35	2X4 LED EDGELIT FLAT PANEL 3500K SAME AS E2 WITH BATTERY BACK-UP	50 WATTS / 120 VOLTS
L2	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL22LED35DMWH35	2X2 LED EDGELIT FLAT PANEL 3500K	35 WATTS / 120 VOLTS
LM2	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL22LED35DMWH35	2X2 LED EDGELIT FLAT PANEL 3500K SAME AS E2 WITH BATTERY BACK-UP	35 WATTS / 120 VOLTS
L3	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL14LED37DMWH35 MOBERN: SMK14-MFPEL	1X4 LED EDGELIT FLAT PANEL 3500K WITH FLANGE KIT	37 WATTS / 120 VOLTS
LM3	KITCHEN / OFFICE RECESSED TROFFER	MOBERN: MFPEL14LED37DMWH35 MOBERN: SMK14-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, LQJXN500R-2SQ	LED EXIT/ EMERGENCY SIGN	
G2	EXIT	LIGHTALARMS, QJXN500R-N	UNIVERSAL EXIT SIGN/ EMERGENCY BATTERY BACKUP WHITE	
EM4	EMERGENCY WALL PACK	LIGHTALARMS, LCA-2SQ	UNIVERSAL WHITE EXIT WITH 2 HEADED EM	

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 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 CONTROLLED 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 W/ 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

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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
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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



3615 W SILVER SPRINGS BLVD.
OCALA, FL

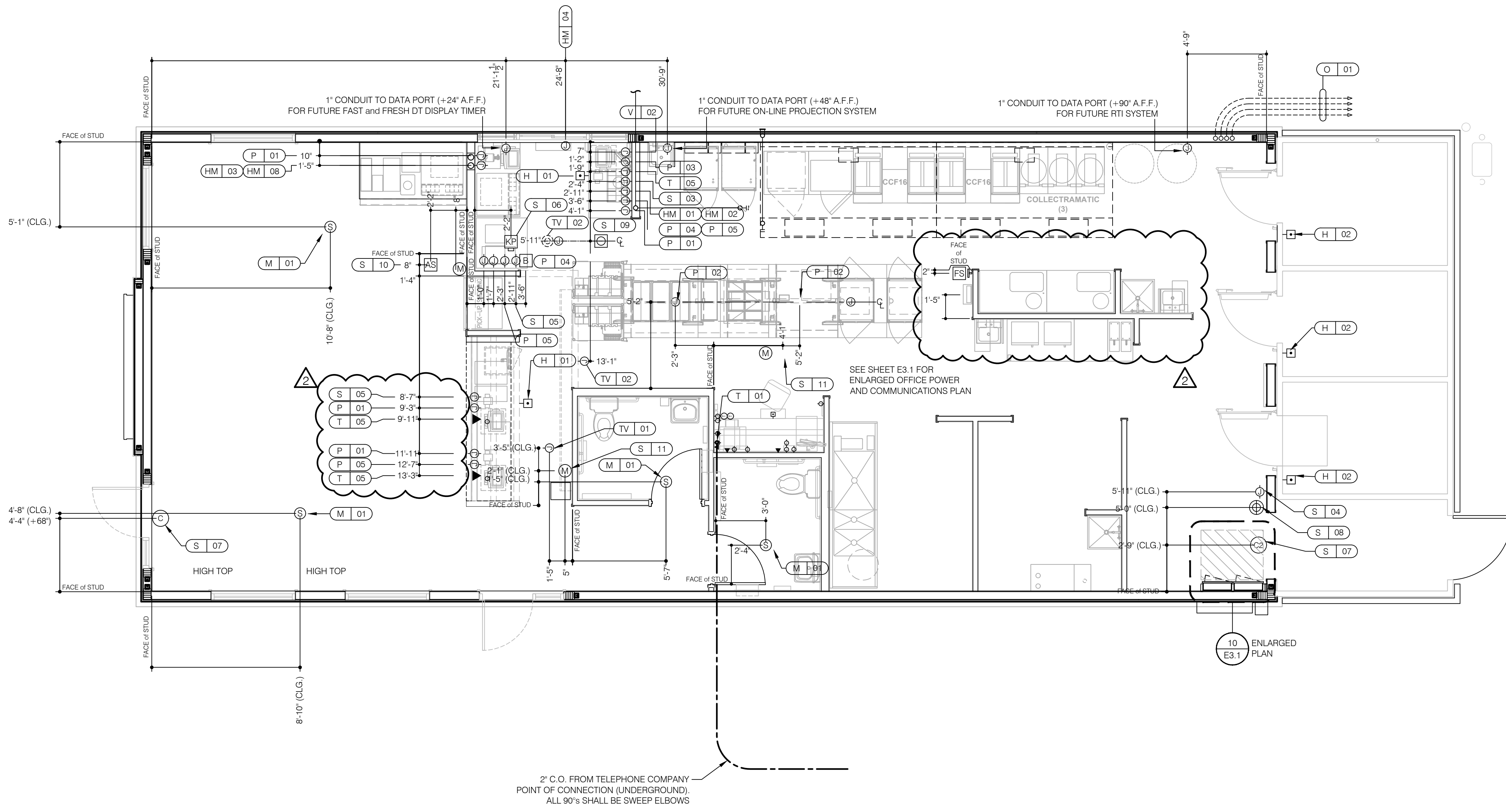


Kb 30-19

LIGHTING PLAN AND SCHEDULE

E4.0

PLOT DATE: --/--/2020



2" C.O. FROM TELEPHONE COMPANY POINT OF CONNECTION (UNDERGROUND). ALL 90's SHALL BE SWEEP ELBOWS

SEE SHEET E3.1 FOR ENLARGED OFFICE POWER AND COMMUNICATIONS PLAN

10 ENLARGED PLAN E3.1

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

- HOLD-UP BUTTON SHALL BE MOUNTED WITH THE ACTIVATION BUTTON FACING TO THE SIDE (MOUNT 2-1/2" BEHIND COUNTER EDGE)
- ⊙ MUSIC SYSTEM SPEAKERS
- ⊙ SECURITY STROBE
- ⊙ J-BOX
- ◀ 2" x 4" J-BOX W/ DATA PORTS
- Ⓜ MOTION DETECTOR
- Ⓢ DOOR CONTACT
- Ⓢ DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
- ⊕ "SOUND ALERT" DEVICE
- ⓀⓅ KEYPAD (MTD AT 48" A.F.F.)
- ⒶⓈ ALARM SIREN ABOVE CLG
- Ⓟ BUMP PAD
- ⓈⓈ 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 CABINETS 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.
TV 01	CCTV MONITOR	+102" A.F.F.	THE STANDARD CCTV SYSTEM: (2) CCTV MONITORS, (1) w/ WALL BRACKETS AND (3) MINI-DOME CAMERAS.
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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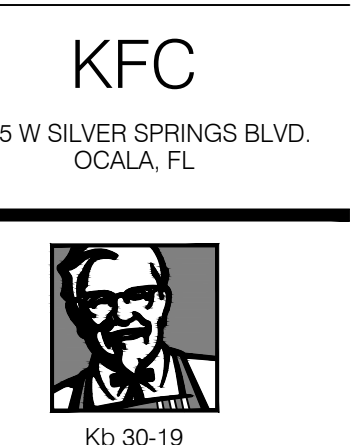
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ROBERT WAYNE CASE
FLORIDA PE #44643

PLAN SET REVISIONS:

4/29/2020	BLDG DEPT COMMENTS
3/08/2022	OWNER CHANGES
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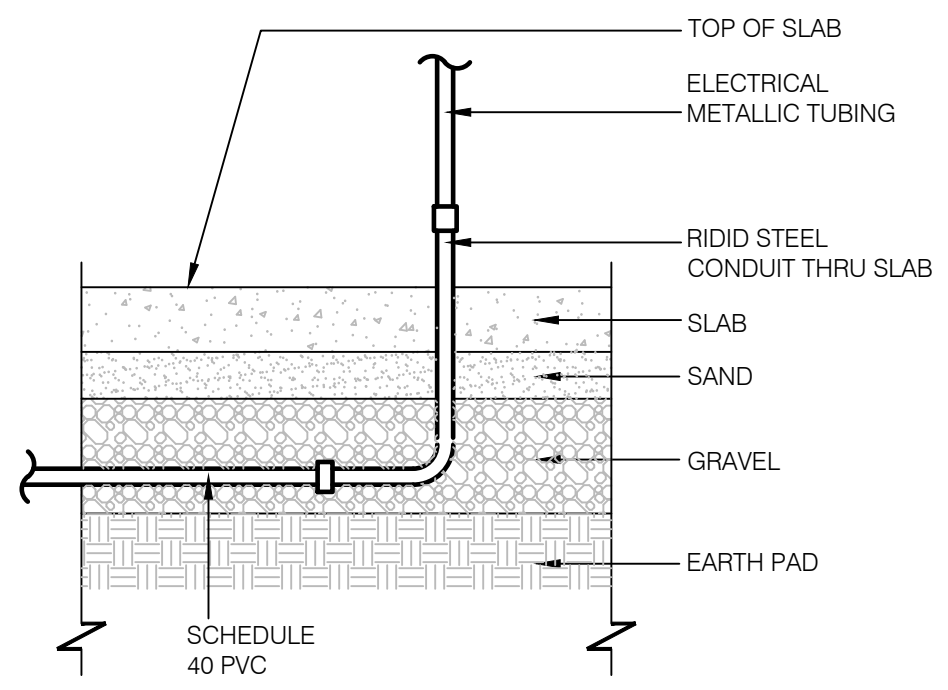
CONTRACT DATE: ...-2019
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SITE NUMBER:
ENTITY NUMBER:
STORE NUMBER:
LIS PROJECT: 2019-304



COMMUNICATION PLANS AND SCHEDULE

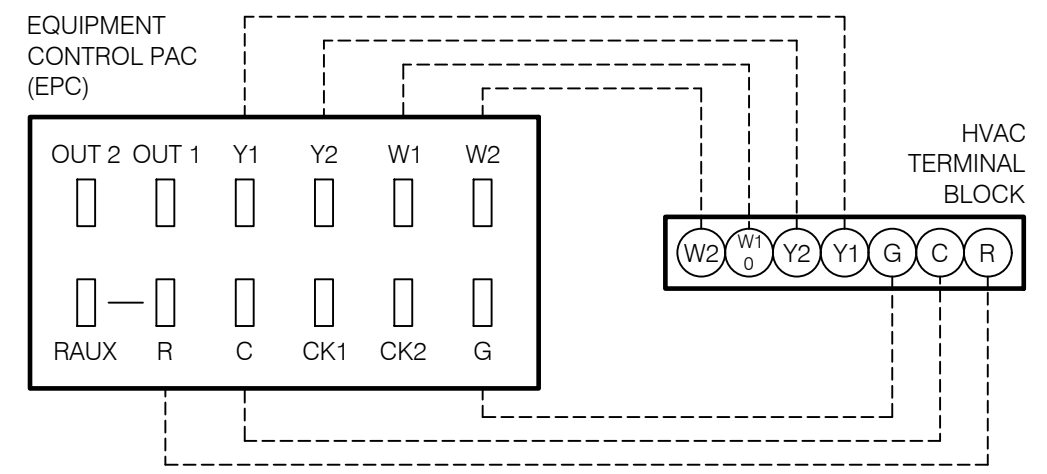
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PLOT DATE: --/--2020



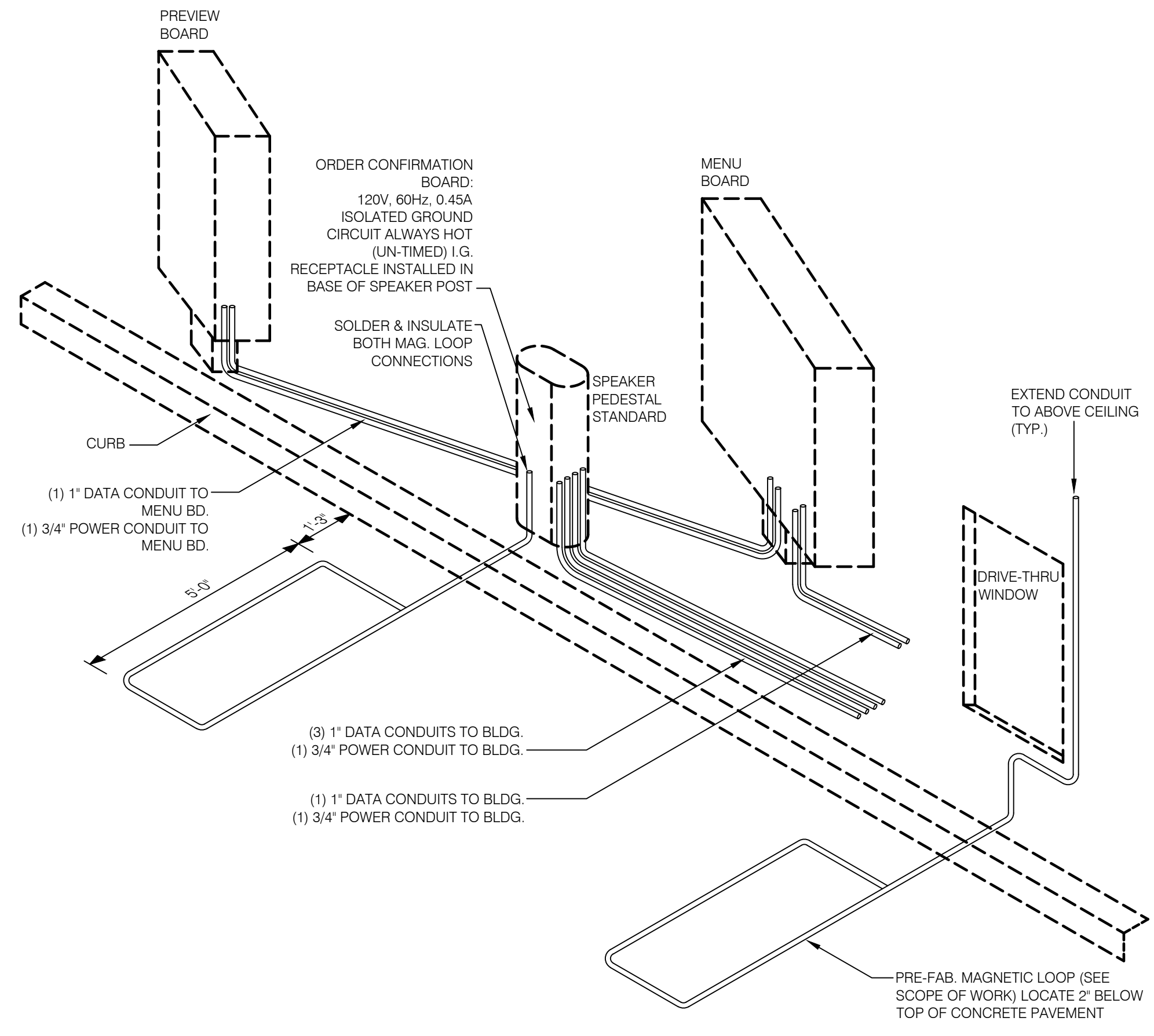
NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

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 ROOFTOP 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.

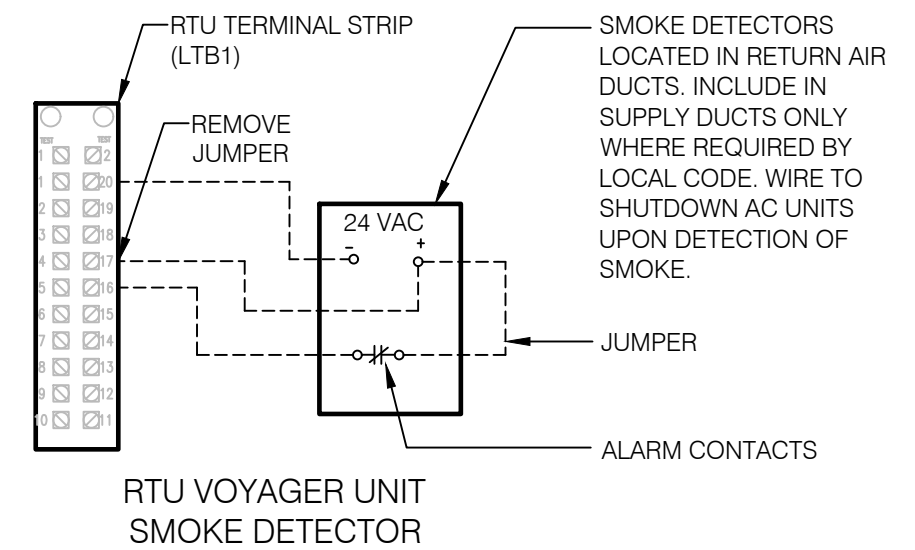
SPACE THERMOSTATS SHALL CYCLE ROOFTOP FANS AND HEATING OR COOLING TO MAINTAIN "UN-OCCUPIED" SPACE TEMPERATURES.

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

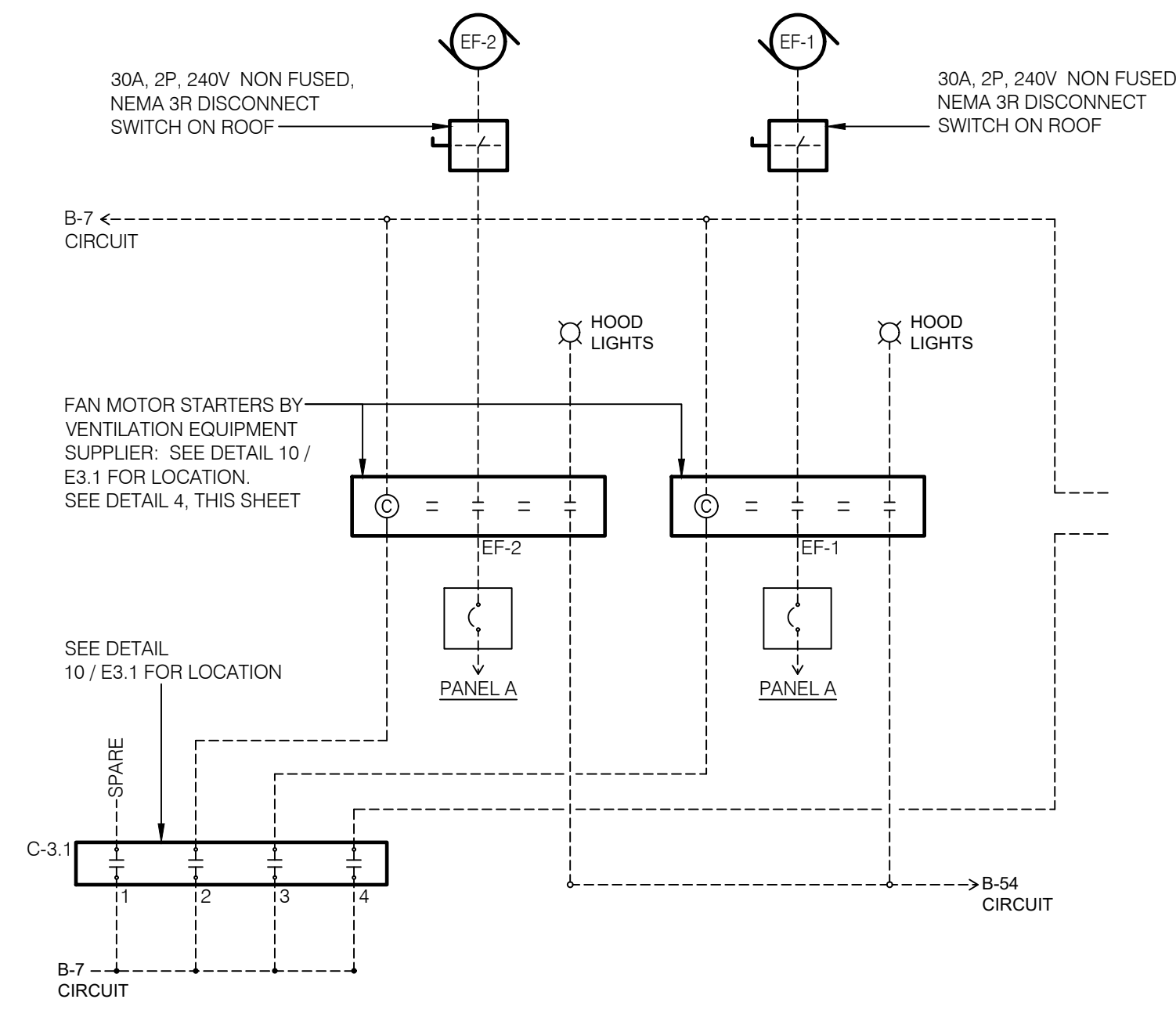
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE AN INTERRUPTION OF POWER TO CONTACTORS C-4.1 AND C-4.2 CAUSING CONTACTS IN C-4.1 AND C-4.2 TO OPEN UP AND THUS REMOVING POWER FROM ALL DEVICES LOCATED UNDER THE HOODS. EXHAUST FANS SHALL NOT BE EFFECTED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

NOTES:

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

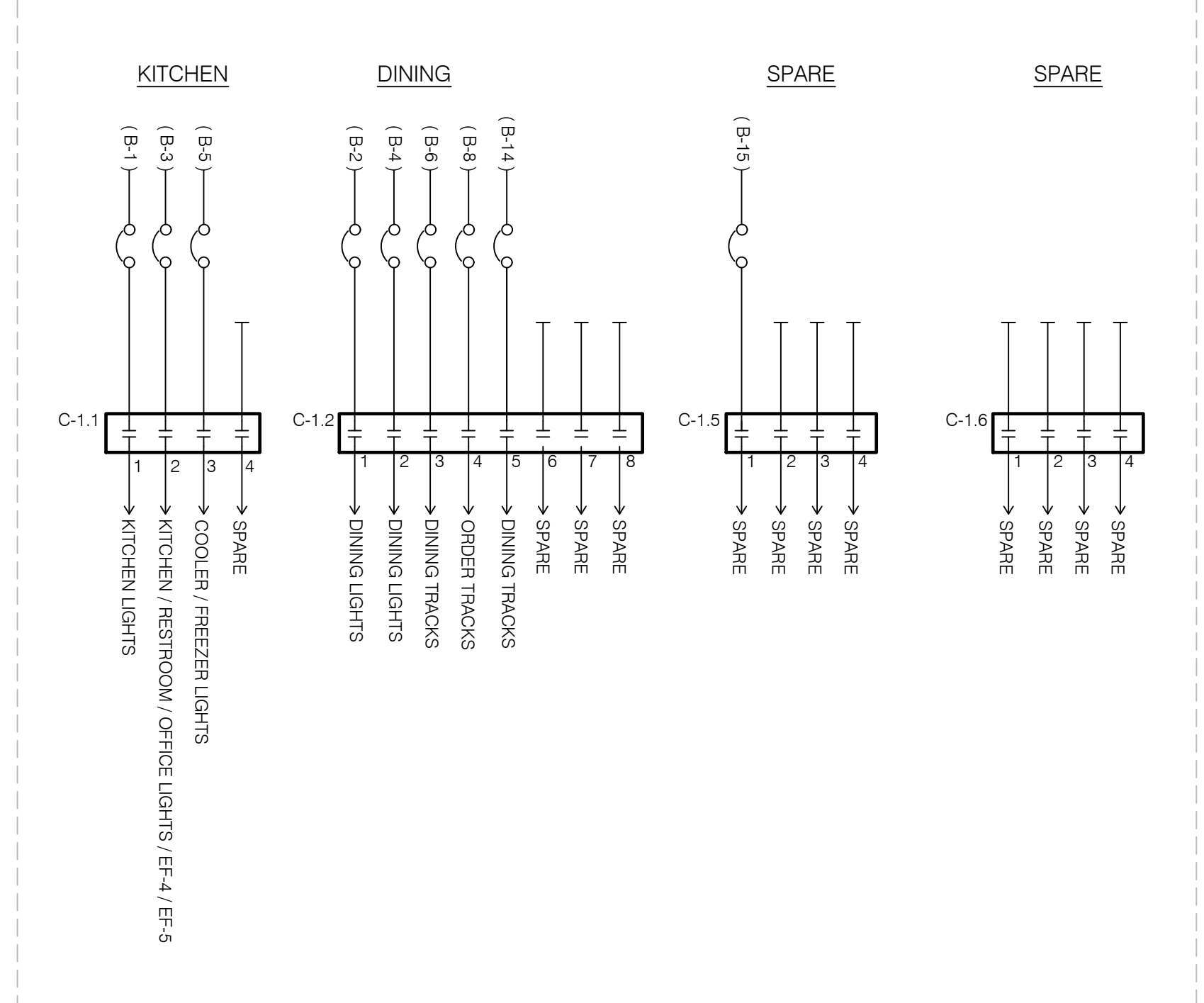


RTU VOYAGER UNIT SMOKE DETECTOR

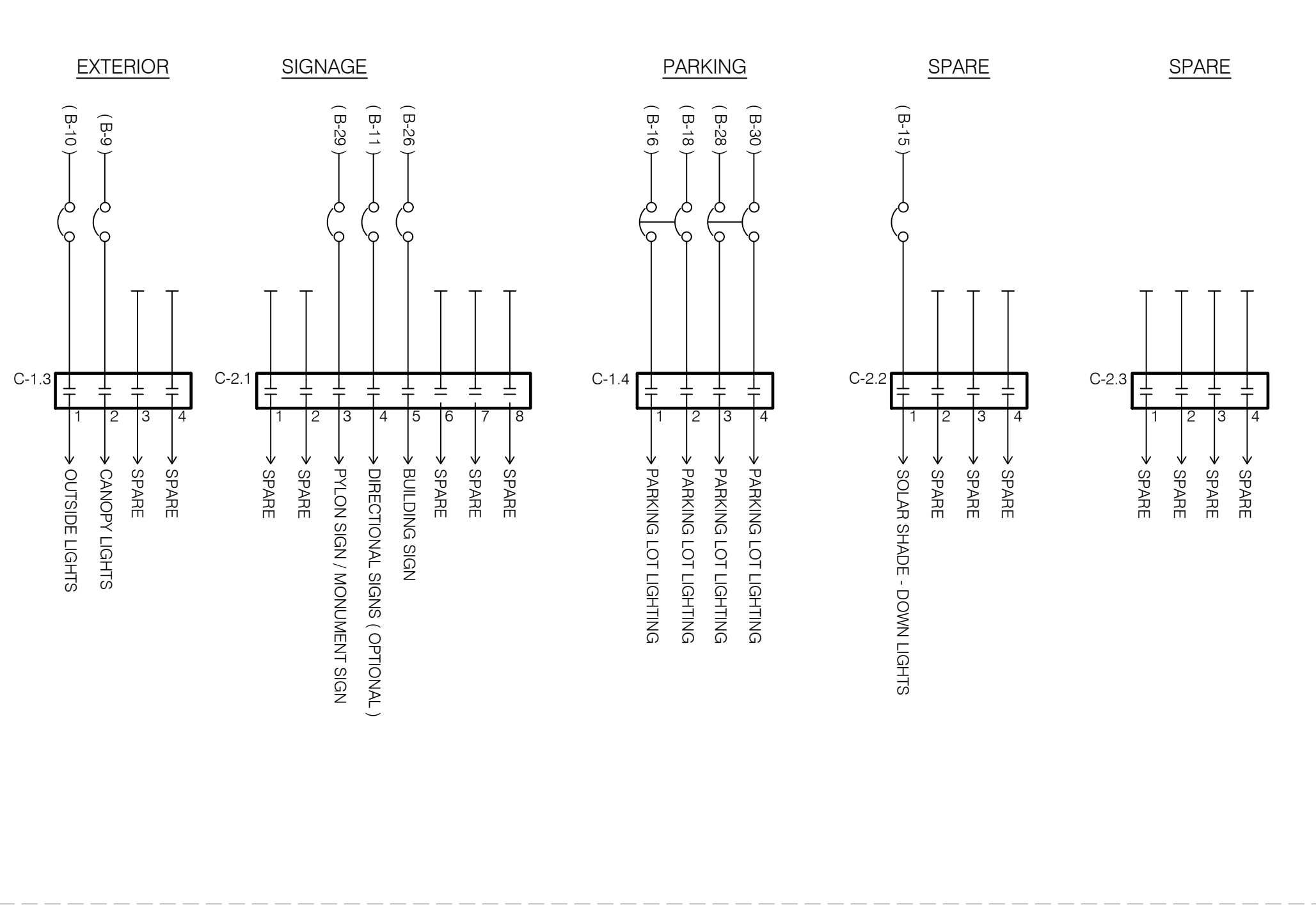


HOOD SHUT-DOWN DETAIL N.T.S. **2**

(LIGHTING CONTACTORS PANEL)

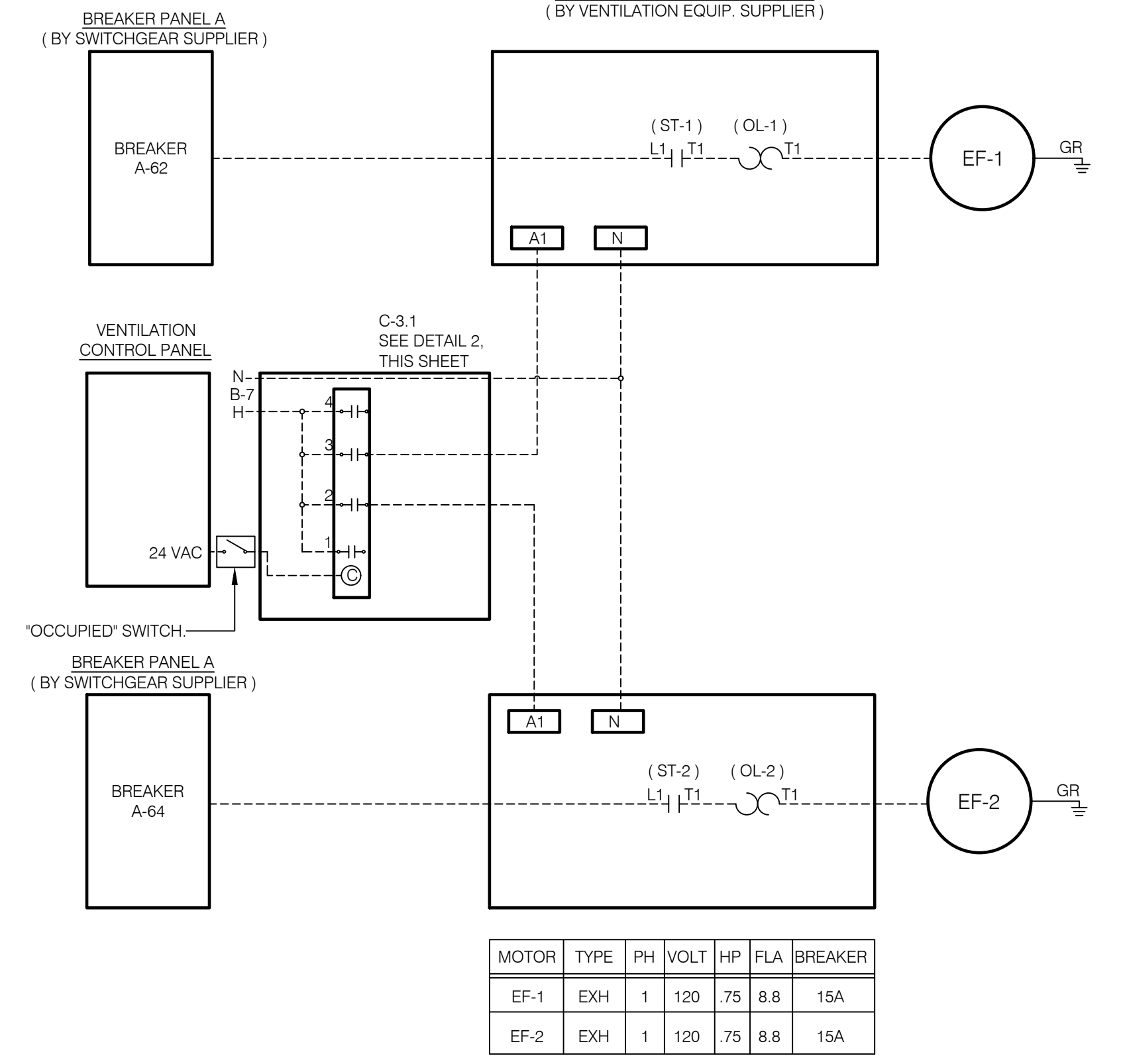


(EXTERNAL NEMA BOX)



LIGHTING CONTACTORS N.T.S. **8**

FAN MOTOR STARTER CONTROLS (BY VENTILATION EQUIP. SUPPLIER)



EXHAUST FAN MOTOR STARTERS N.T.S. **4**

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ROBERT WAYNE CASE
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PLAN SET REVISIONS:

DATE	DESCRIPTION
4/29/2020	BLDG DEPT COMMENTS
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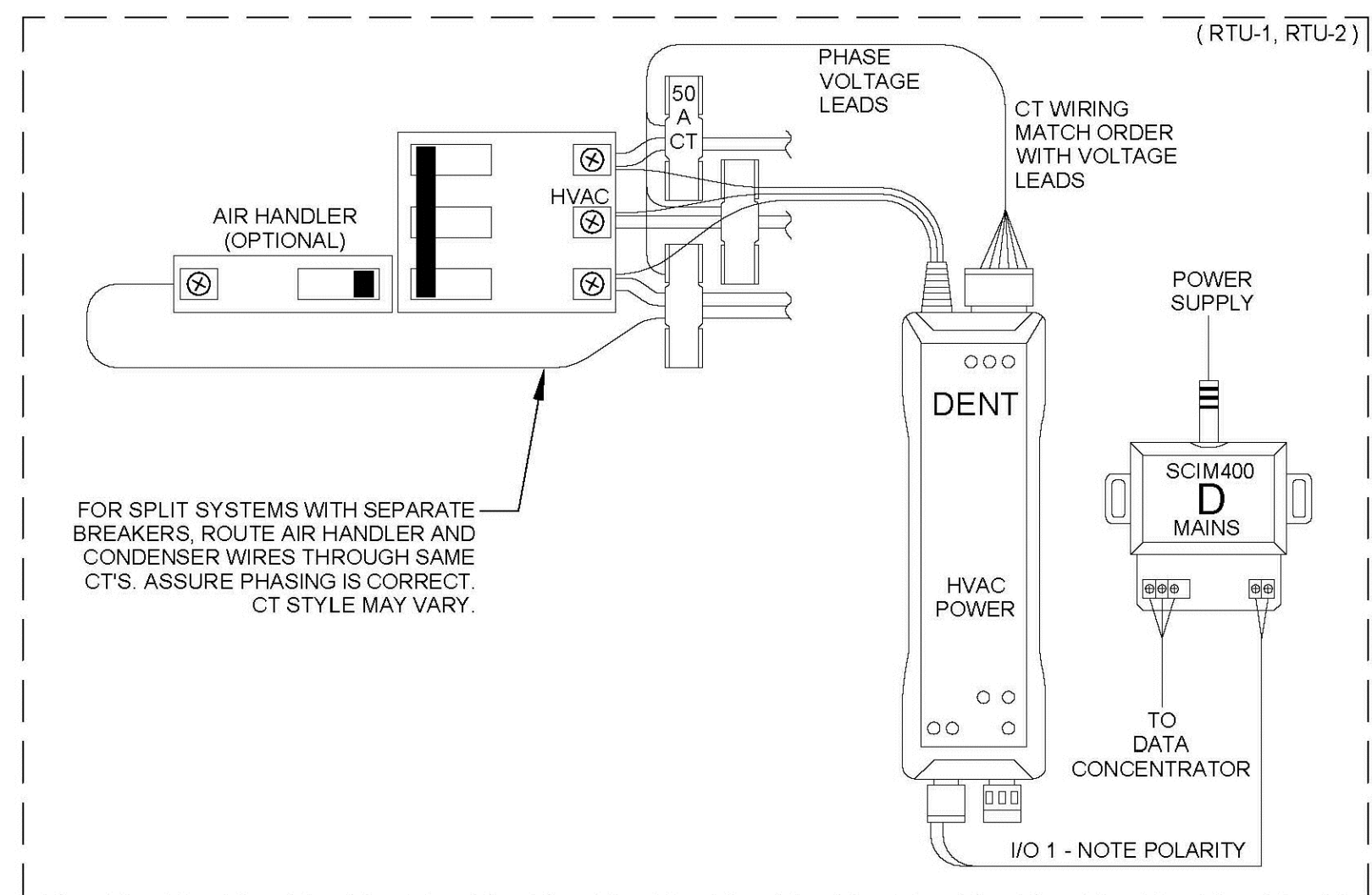
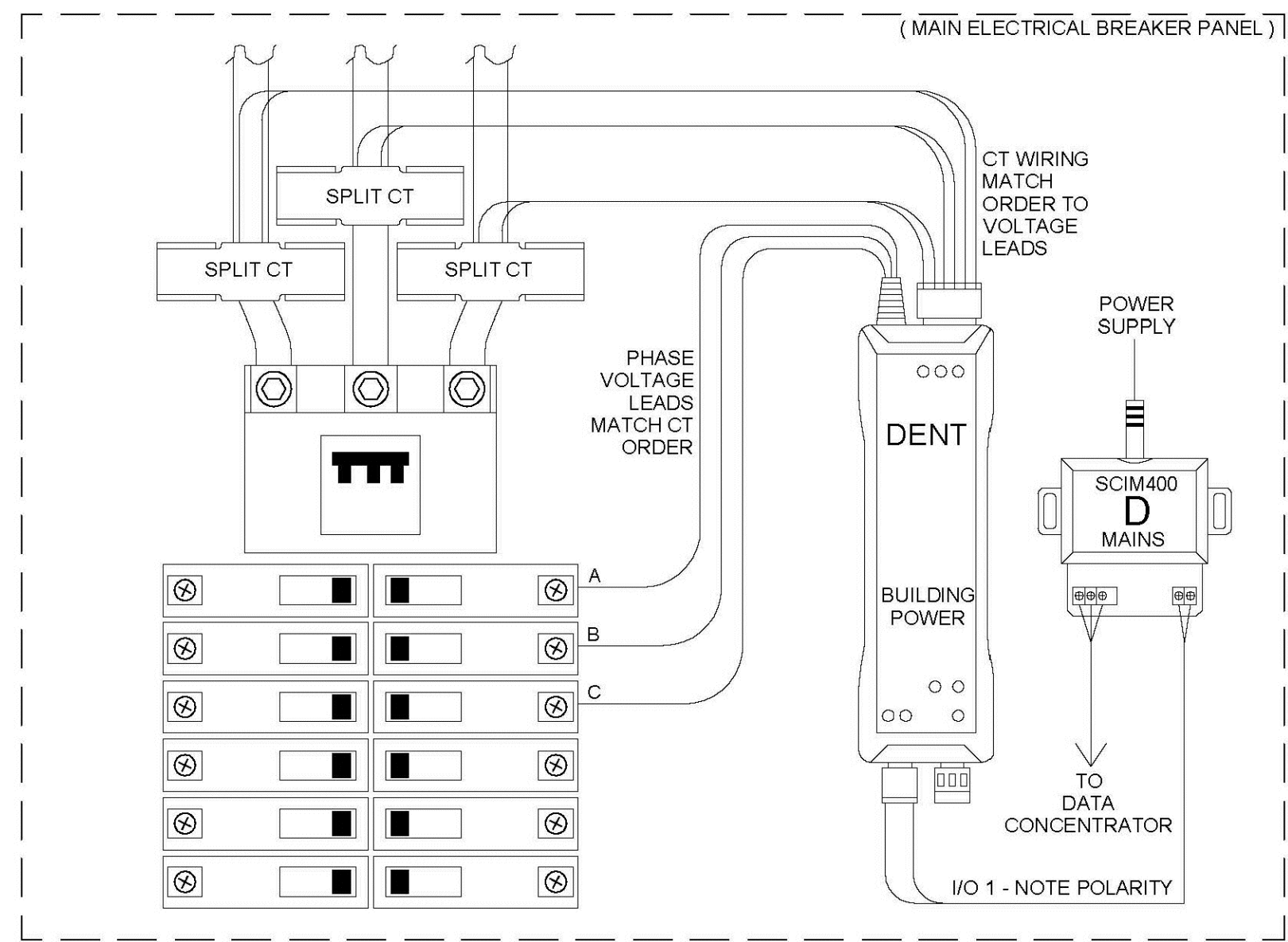
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**ELECTRICAL
LINE
DIAGRAMS
AND DETAILS**

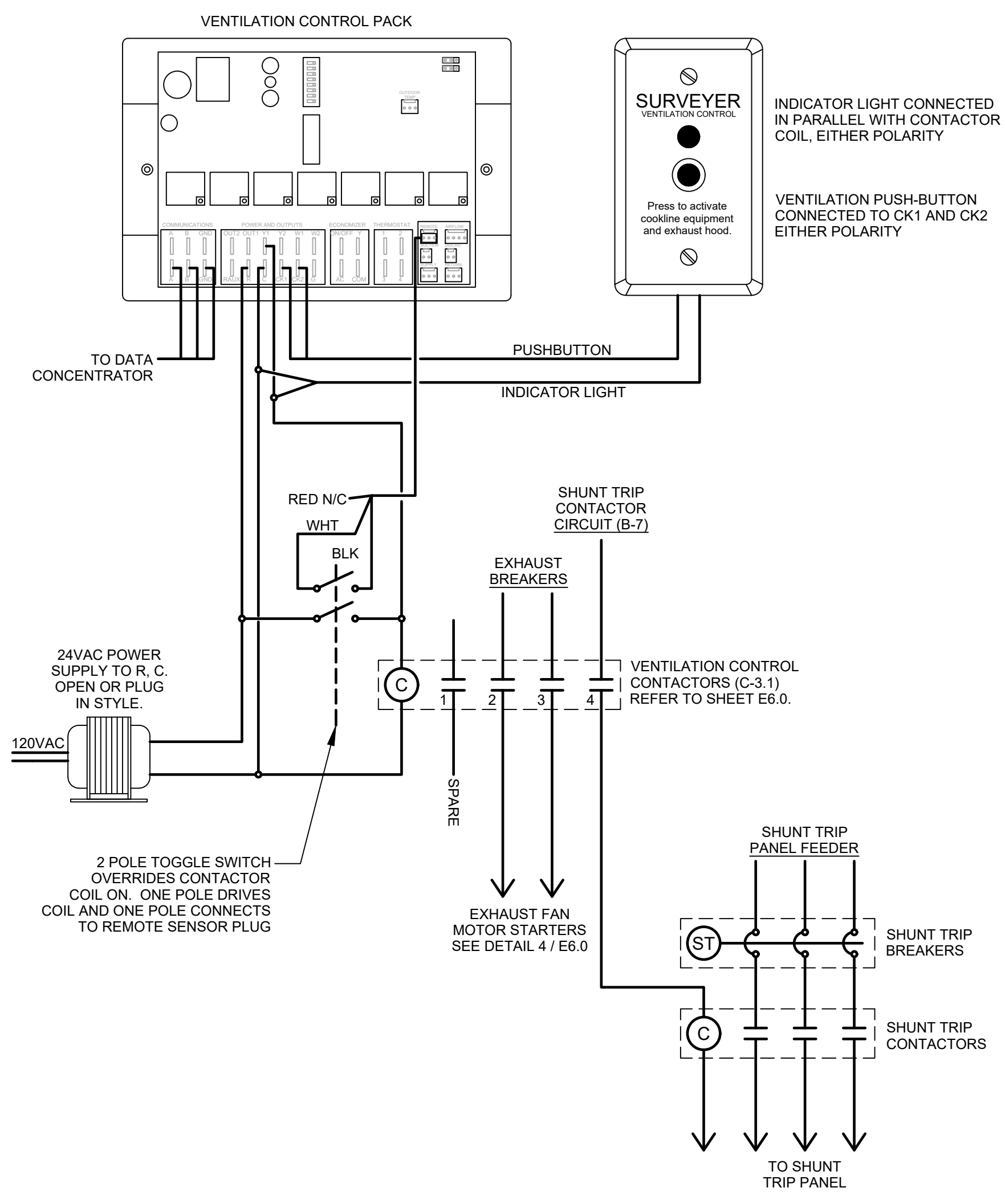
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PLOT DATE: --/--/2020

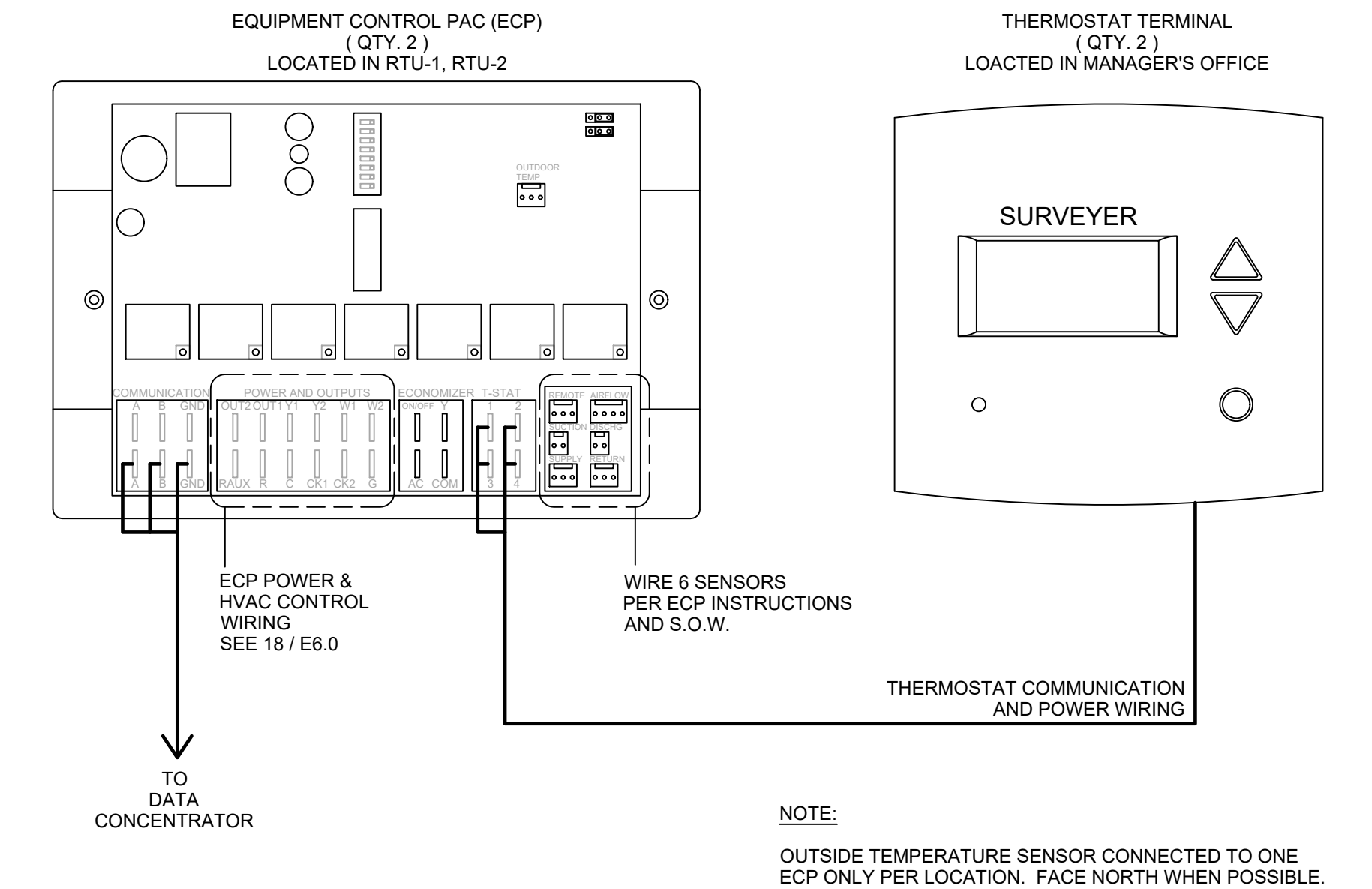


- POWER MONITORING NOTES:**
1. DENT POWER SCOUT NEEDS TO BE PRE-CONFIGURED TO MATCH CT SIZE.
 2. CT SIZES AND STYLES VARY TO MATCH APPLICATION.
 3. WHITE VOLTAGE LEAD CONNECTED TO NEUTRAL / GROUND.
 4. SEE POWER SCOUT DOCUMENTATION FOR ADDITIONAL INSTALLATION DETAILS AND SCHEMATICS.
 5. HVAC POWER MONITORING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

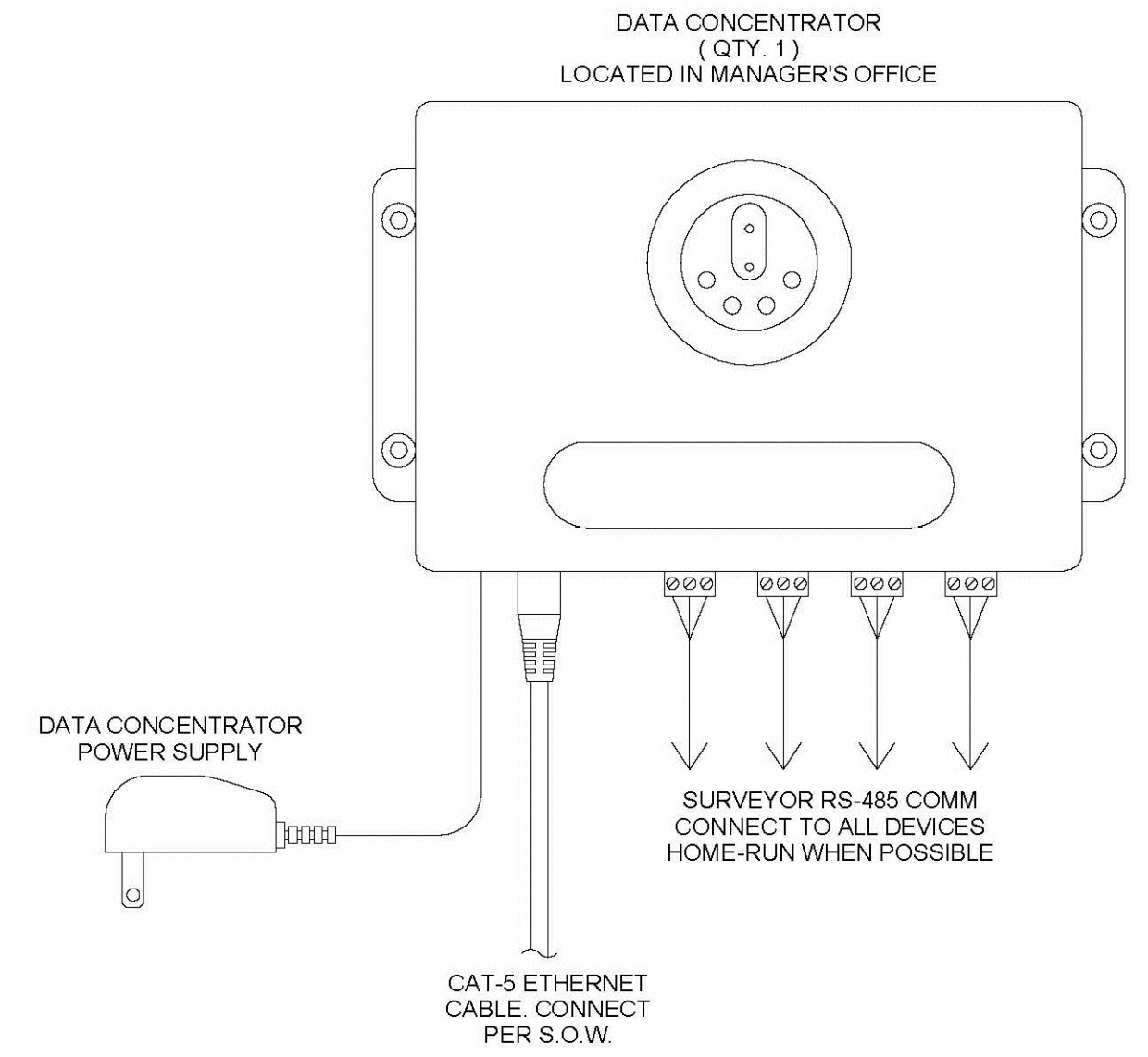
POWER MONITORING N.T.S. **11**



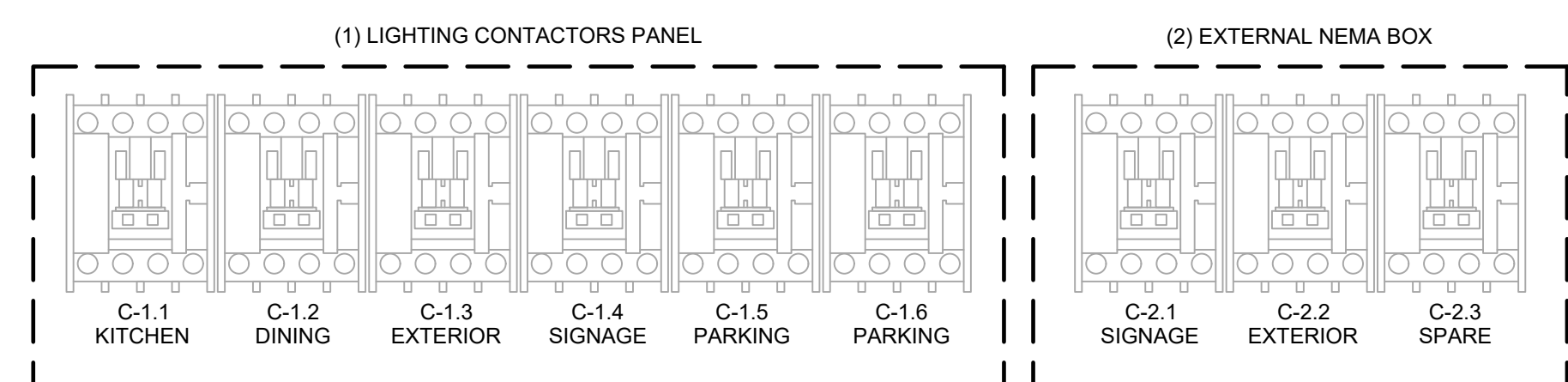
VENTILATION CONTROL N.T.S. **8**



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

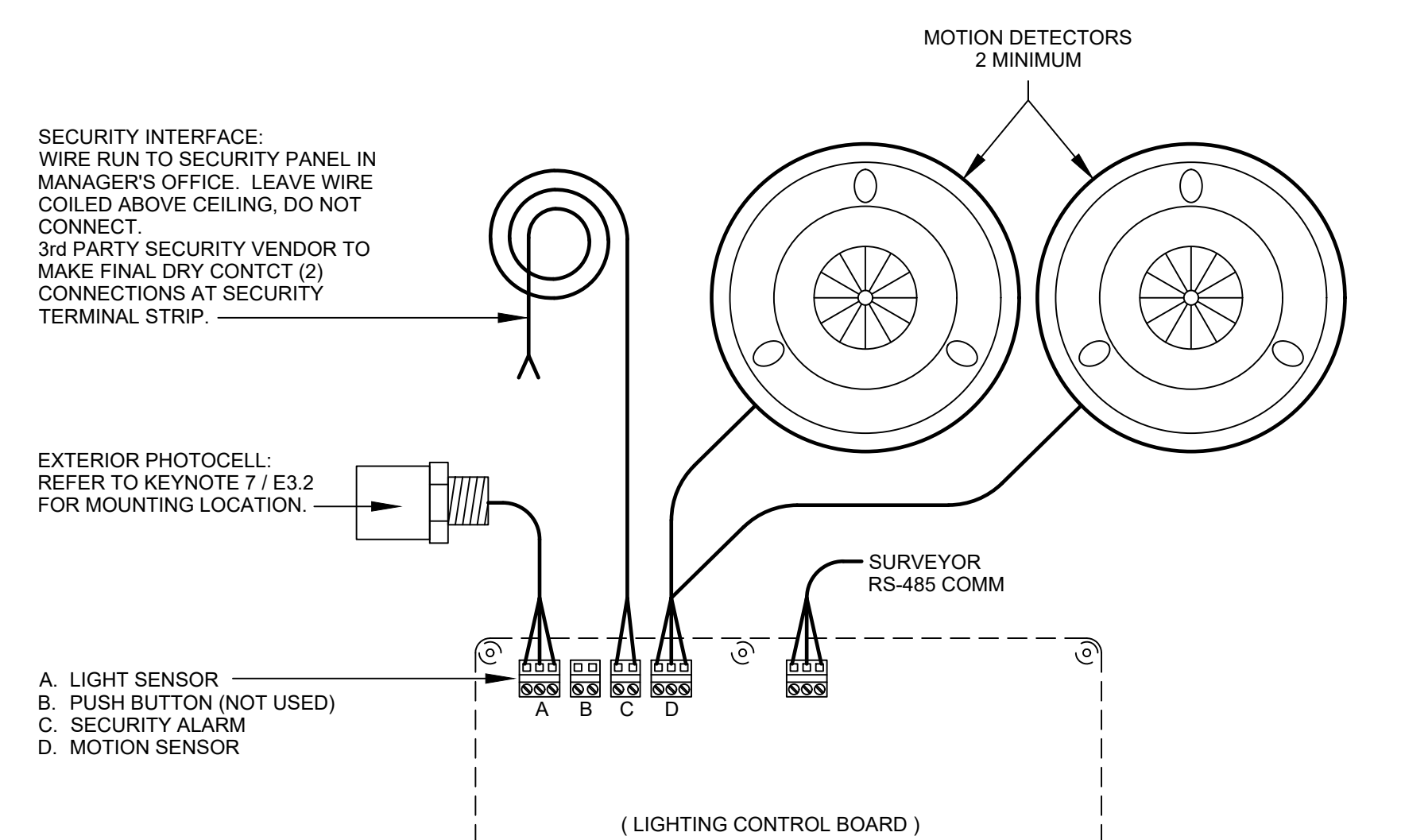


DATA CONCENTRATOR N.T.S. **2**

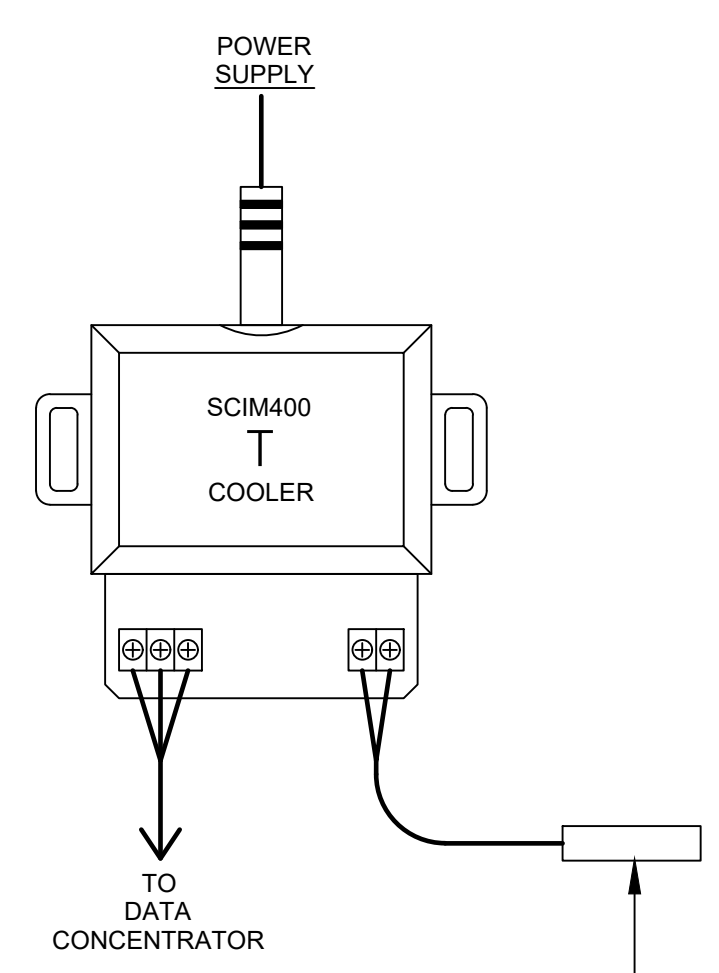


- LIGHTING CONTACTOR NOTES:**
1. WIRE COILS OF SLAVE CONTACTORS TO CORRESPONDING COILS IN LIGHTING CONTROL.
 2. COORDINATE WITH LIGHTING CONTACTOR DETAIL 8 / E6.0.
 3. LIGHTING CONTACTORS PANEL, EXTERNAL NEMA BOX, and ALL ASSOCIATED CONTACTORS BY GC.

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



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



TEMPERATURE MONITOR N.T.S. **4**

- GENERAL NOTES**
- 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:
VENSTAR, INC. Main Office: (818) 341.8760
STEVE TUDHOPE s.tudhope@venstar.com Direct Line: (818) 812.9807
CRAIG GODWIN craig@venstar.com Direct Line: (641) 359.4176

GENERAL NOTES N.T.S. **3**

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OCALA, FL

Kb 30-19

ENERGY MANAGEMENT SYSTEM DETAILS

E6.1