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NG-30-22
US
NEXT GEN

BRAND PROTOTYPE

A. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF _____.

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 ARCHITECT'S OFFICE.

D. DRAWINGS ARE BASED ON A SURVEY, DATED _____ PREPARED BY _____ AND IS INCLUDED IN THESE DOCUMENTS.

E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED _____ BY _____. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE 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 THE KFC CONSTRUCTION MANAGER, 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. SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. 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.

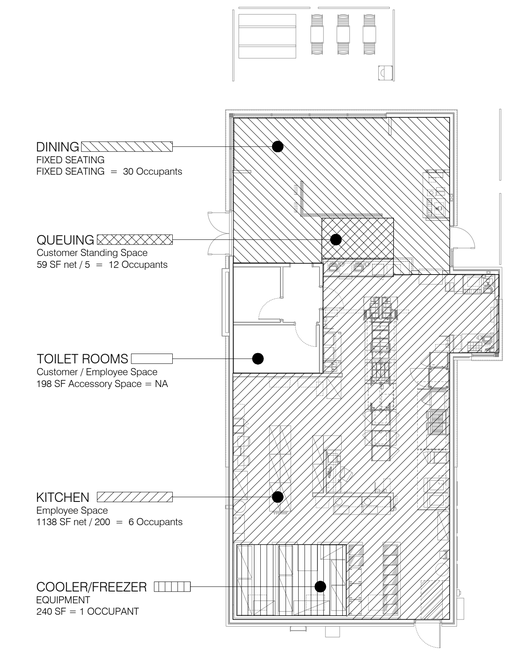
K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.

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

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

EDIT THE PROJECT GENERAL NOTES FOR SITE SPECIFIC PROJECTS

PROJECT GENERAL NOTES



OCCUPANT LOAD KEY PLAN

NAME — ROOM NAME

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

X' - x" — CEILING HEIGHT

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

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

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

WT-x — WALL TYPE (ARCHITECTURAL)

X — DOOR NUMBER

X — WINDOW NUMBER / DECOR ITEM NUMBER

X — EXTERIOR WALL FINISH NUMBER

X — KEY NOTE

X-xxx — EQUIPMENT NUMBER

Xx — ROOM FINISH NUMBER

x — REVISION NUMBER

x — WALL TYPE (STRUCTURAL)

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

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

GENERAL DRAWING SYMBOLS

VICINITY MAP

LEGAL JURISDICTION:

BUILDING CODE:	IBC 2018, IMC2018, IPC2018, IEC2018, NEC 2018
BUILDING FOOTPRINT AREA:	2,443 S.F. (GROSS)
SEATING:	30
TYPE CONSTRUCTION:	TYPE V-B (UNSPRINKLED)
OCCUPANCY:	A2 - ASSEMBLY

OCCUPANT LOAD CALCULATION:	NET FLOOR AREA	OCCUPANT LOAD
DINING	FIXED SEATING	FIXED = 30
QUEUING	59 SF	(59 / 5) = 12
TOILET RM's	198 SF	Accessory Space (NA)
KITCHEN	1138 SF	(1138 / 200) = 6
COOLER/FREEZER	240 SF	(240/ 300) = 1
TOTAL		49 OCCUPANTS

PHONE LINES:	2 LINES (LINE 1: PHONE, FAX, SECURITY / LINE 2: HELPDESK BACK-UP)
BROADBAND CONNECTION:	SITE-SPECIFIC SERVICE PROVIDER; COORDINATE w/ OWNER
ELECTRIC SERVICE:	800 AMPS / 3 PHASE / 120-208 VOLT
GAS SERVICE:	1,329,900 BTUH

PROJECT SUMMARY

SEE STRUCTURAL DRAWINGS

DESIGN CRITERIA

REFER TO CIVIL DRAWINGS.

LEGAL DESCRIPTION

OWNER
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

ARCHITECT
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

CONSTRUCTION MANAGER
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

STRUCTURAL CONSULTANT
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

CIVIL ENGINEER
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

MECH. / ELEC. ENGINEER
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

GEOTECHNICAL ENGINEER
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

LANDSCAPE ARCHITECT
(Name)
(Address)
(City, State, Zip)
Contact:
Phone:

PROJECT DIRECTORY

SEWER
(Company)
(Address)
(City, State, Zip)
Contact:
Phone:

TELEPHONE
(Company)
(Address)
(City, State, Zip)
Contact:
Phone:

WATER
(Company)
(Address)
(City, State, Zip)
Contact:
Phone:

GAS
(Company)
(Address)
(City, State, Zip)
Contact:
Phone:

ELECTRIC
(Company)
(Address)
(City, State, Zip)
Contact:
Phone:

UTILITY CONTACTS

REVISIONS:

TITLE/SITE

T1.0 TITLE SHEET

CIVIL

C1.0 ARCHITECTURAL SITE PLAN
C1.1 UTILITY SITE PLAN
C2.0 TRASH ENCLOSURE DETAILS
C3.0 SITE DETAILS
C4.0 SITE DETAILS

STRUCTURAL

S0.0 GENERAL NOTES
S0.1 GENERAL NOTES
S1.0 FOUNDATION PLAN
S2.0 WALL FRAMING PLAN AND CANOPY PLAN
S3.0 ROOF FRAMING PLAN
S4.0 STRUCTURAL DETAILS (FOUNDATION)
S4.1 STRUCTURAL DETAILS (FRAMING)
S4.2 STRUCTURAL DETAILS (ROOF)
S4.3 STRUCTURAL DETAILS (FRAMING)

ARCHITECTURAL

A0.1 LIFE SAFETY PLAN
A1.0 FLOOR PLAN - DIMENSIONS and WALL TYPES
A1.1 DOOR and WINDOW ELEVATIONS and SCHEDULE
A2.0 FLOOR PLAN - EQUIPMENT and SEATING
A2.1 EQUIPMENT SCHEDULE
A3.0 ROOF PLAN
A4.0 EXTERIOR ELEVATION
A4.1 EXTERIOR ELEVATION
A4.2 EXTERIOR ELEVATION
A4.3 EXTERIOR ELEVATION
A5.0 WALL SECTIONS
A5.1 WALL SECTIONS
A5.2 WALL SECTIONS
A5.3 WALL SECTIONS
A5.4 WALL SECTIONS
A6.0 CONSTRUCTION DETAILS
A6.1 CONSTRUCTION DETAILS
A6.2 CONSTRUCTION DETAILS
A7.0 FLOOR FINISH PLAN
A7.1 REFLECTED CEILING PLAN
A7.2 FINISH SCHEDULE
A8.0 INTERIOR ELEVATIONS - DINING ROOM
A8.1 INTERIOR ELEVATIONS - ENLARGED RESTROOM & OFFICE PLAN
A8.2 INTERIOR ELEVATIONS - KITCHEN
A8.3 INTERIOR ELEVATIONS - KITCHEN

ACCESSIBILITY

ADA1.0 ACCESSIBILITY REQUIREMENTS
ADA1.1 ACCESSIBILITY REQUIREMENTS

MECHANICAL

M1.0 MECHANICAL SCHEDULES and NOTES
M2.0 DUCT and DIFFUSER PLAN
M3.0 HOOD SPECIFICATIONS DETAILS
M3.1 HOOD PLAN SECTIONS
M3.2 HOOD SPECIFICATIONS
M3.3 HOOD FIRE SYSTEM DATA
M3.4 FAN DETAILS
M3.5 ROOF TOP UNIT DETAILS
M3.6 EXHAUST FAN WIRING
M3.7 MUA BOARD, RTU INSTALL WIRING
M3.8 FIRE PROTECTION DETAILING
M3.9 FIRE PROTECTION DETAILING
M3.10 HOOD DUCT DETAILING
M4.0 MECHANICAL and HOOD DETAILS

PLUMBING

P1.0 PLUMBING SCHEDULES and NOTES
P2.0 WASTE and VENT PLAN
P3.0 WATER and GAS PLAN
P4.0 PLUMBING ROUGH-IN PLAN
P5.0 RISER DIAGRAMS
P6.0 PLUMBING DETAILS

ELECTRICAL

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
E3.2 POWER ROOF PLAN
E4.0 LIGHTING PLAN
E4.1 LIGHTING FIXTURE SCHEDULE
E4.2 LIGHTING CONTROL SCHEDULE AND DETAILS
E5.0 COMMUNICATIONS PLAN and SCHEDULE
E6.0 ELECTRICAL LINE DIAGRAMS and DETAILS

SHEET INDEX

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

TITLE SHEET

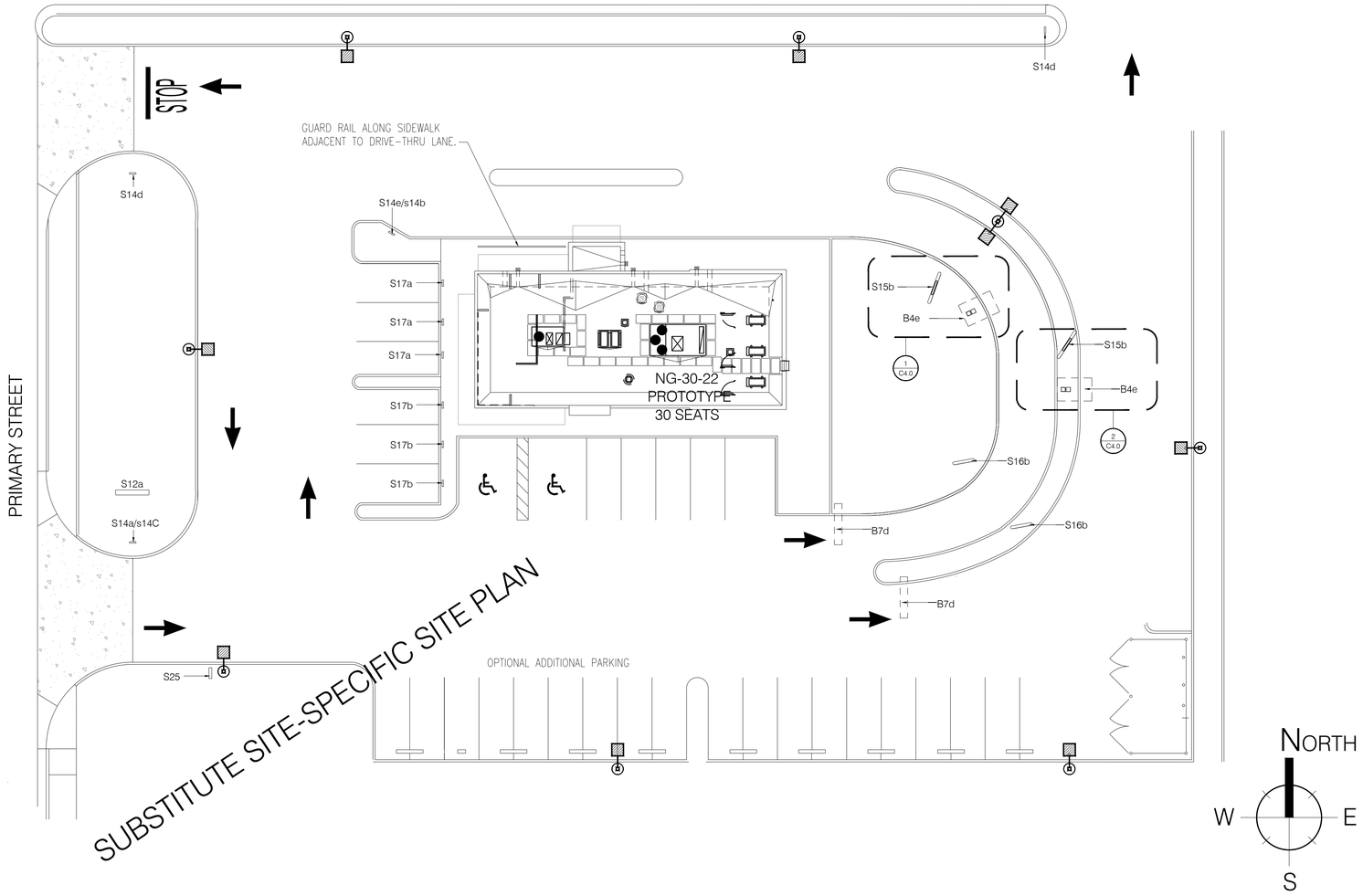
T1.0

PLOT DATE: 30.01.2022

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1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS APPLICABLE.
2. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, FACE OF CURBS, OR OUTSIDE FACE OF BRICK, BLOCK OR BUILDING FASCIA UNLESS OTHERWISE INDICATED.
3. THE BUILDING AND PARKING FACILITIES ARE PARALLEL WITH OR PERPENDICULAR TO THE EXISTING BUILDING.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE OWNER OR OWNER'S REPRESENTATIVE IMMEDIATELY.
5. CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.
6. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AFTER FINISH GRADING IS COMPLETED UNLESS OTHERWISE NOTED. ALL NEW SEEDED OR SODDED AREAS SHALL HAVE A TOPSOIL LAYER OF 4" MINIMUM. TOP OF TOPSOIL LAYER SHALL BE PLACED 1" BELOW TOPS OF CURBS, WALKS, OR PAVEMENT ELEVATIONS WHERE TOPSOIL ABUTS THOSE AREAS.
7. CONTRACTOR SHALL SUPPLY AND PLACE STRAW MULCH WHEREVER GRASS SEED HAS BEEN PLACED.
8. CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE STATES DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS WHERE NEW ASPHALT JOINS EXISTING ASPHALT.
9. CONTRACTOR SHALL REPAIR, RESURFACE, RECONSTRUCT OR REFURBISH ANY AREAS DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, HIS SUBCONTRACTORS OR SUPPLIERS AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL COMPLETELY FILL ALL TRENCHES WITHIN 5 FEET OF PLAYGROUND BOXES. PAVEMENT EDGES WITH GRANULAR BACKFILL. REFER TO GEOTECHNICAL REPORT FOR TYPE OF FILL TO ACHIEVE DESIRED COMPACTION. EG: 2A OR EQUIVALENT.
11. ALL PAINT STRIPING SHALL BE 4" TRAFFIC PAINT IN ACCORDANCE WITH THE STATES DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SHALL BE YELLOW.
12. CONTRACTOR TO CONFIRM WITH LOCAL CODES AND BUILDING INSPECTOR FOR SPECIFIC DISABLED PARKING SIZES, STRIPPING AND SIGNAGE REQUIREMENTS.

GENERAL SITE NOTES 5



SITE PAVING PLAN N.T.S. 1

SITE LIGHTING DESIGN LEVELS

SITE AREA	DESIGN STANDARD	DESIGN MIN/MAX	REMARKS
GENERAL SITE	3.5	1.0 / 9.0	
DRIVING LANES	3.5	2.5 / 5.0	
PARKING AREAS	4.0	3.0 / 6.0	
SITE ENTRANCES	5.0	4.0 / 6.0	
DT LANE	4.5	3.5 / 6.0	
DT WINDOW	5.5	5.0 / 7.0	LIGHT LEVELS FROM CANOPY LIGHTS, IF USED.
WALKWAYS	4.0	3.0 / 5.5	LIGHT LEVELS SUPPLEMENTED BY HOUSE LIGHTS
DUMPSTER AREA	4.5	4.0 / 6.0	LIGHT HIDDEN AREAS FOR EMPLOYEE PROTECTION

LUMINARE DATA:

STANDARD LUMINARE GUIDELINE INFORMATION:

GL2-19-4S-750-STD-A0-A0-0-BZ-SA 179.49 WATTS
MOUNTING HEIGHT - POLE MOUNTED 25 FEET

SITE LIGHTING LEVEL GUIDELINE 6

SIGNAGE

S12a		PYLON SIGN
S25		NAVIGATION SIGN
B7d		DT CLEARANCE BAR
B4e		ORDER CANOPY - REFER TO DETAIL 1/C3.0
S15b		MENU BOARDS
S14a		WAYFINDING SIGNS (WELCOME)
S14b		WAYFINDING SIGNS (THANK YOU)
S14c		WAYFINDING SIGNS (ENTER)
S14d		WAYFINDING SIGNS (EXIT)
S14e		WAYFINDING SIGNS (DO NOT ENTER)
S17a		THIRD PARTY SIGN (DELIVERY DRIVER SIGN - if spots provided)
S17b		CURBSIDE SIGN (QUICK PICK-UP PARKING SIGN - if spots provided)
S16b		PREVIEW BOARD

REFER TO GRAPHICS PACKAGE FOR ADDITIONAL INFORMATION

SS-06 SERIES IS OPTIONAL, ALL OTHER SIGNS ARE REQUIRED

SITE SIGNAGE 4

CONCRETE PAVING

TYPICAL AT SITE ENTRANCE / EXIT, TRASH ENCLOSURE PAD AND THROUGHOUT DRIVE-THRU LANE.
REFER TO SPECIFICATIONS MANUAL.

HEAVY-DUTY ASPHALT PAVING

TYPICAL AT PATH OF TRAVEL FOR ALL HEAVY TRUCKS ON SITE.
MINIMUM REQUIREMENTS:
6" HOT MIX ASPHALT PAVING (A) OVER 3" AGGREGATE SUB-BASE (B).
REFER TO SPECIFICATIONS MANUAL.

LIGHT-DUTY ASPHALT PAVING

TYPICAL AT PARKING AREAS AND AT DRIVE AISLES THAT WILL NOT ACCOMMODATE HEAVY TRUCK TRAFFIC.
MINIMUM REQUIREMENTS:
3" HOT MIX ASPHALT PAVING (A) OVER 6" AGGREGATE SUB-BASE (B). REFER TO SPECIFICATIONS MANUAL.

PAVING LEGEND 3

A. HOT MIX ASPHALT PAVING:

- SURFACE COARSE SHALL BE A MINIMUM 1-1/2" COMPACTED THICKNESS.
- INTERMEDIATE / BASE COARSE SHALL BE PER SITE-SPECIFIC SOILS CONDITIONS AND LOADING.

B. CRUSHED STONE SUB-BASE:

- AASHTO #53; TYPICAL.
- MINIMUM 3" -to- MAXIMUM 6" COMPACTED THICKNESS.

C. SAMPLE SITE PAVING IS FOR INFORMATIONAL REFERENCE ONLY; FOR USE BY THE SITE-ADAPT ENGINEER OF RECORD, IN COORDAINTION WITH THE SITE-SPECIFIC SOILS REPORT, WHEN DESIGNING THE SITE-SPECIFIC PAVING PLAN(S).

GENERAL NOTES 2

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

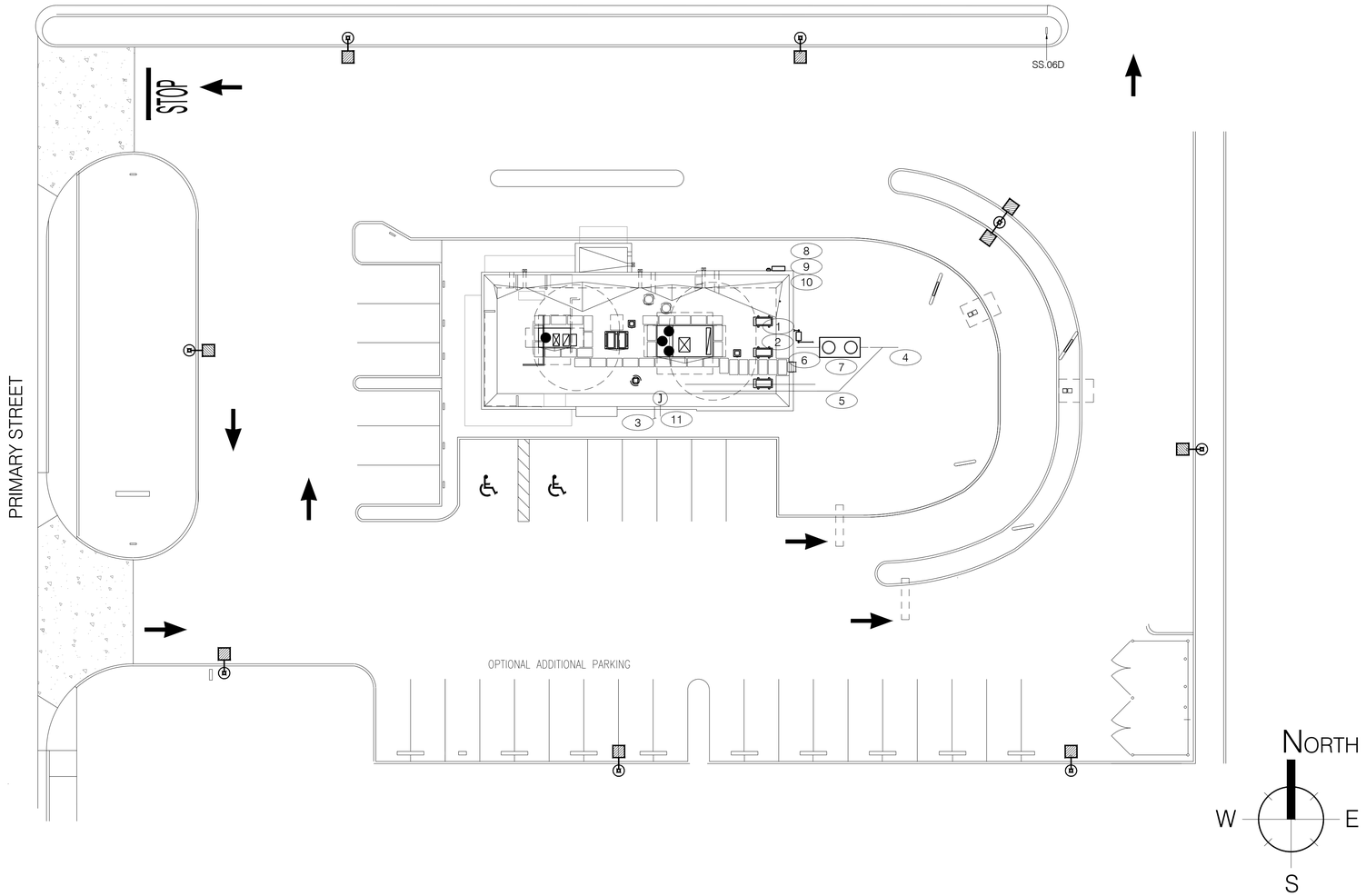
NG-30-22

ARCHITECTURAL SITE PLAN

C1.0

PLOT DATE: 30.01.2022

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SITE PAVING PLAN N.T.S. | 1

NOT USED | 5

NOT USED | 6

. | 4

1. GAS METER, REGULATOR, VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL DRAWINGS FOR CONTINUATION OF GAS LINE. SEE PLUMBING DRAWINGS.
2. RUN 2 1/2" GAS UP WITHIN EXTERIOR WALL. TURN INTO BUILDING CEILING SPACE.
3. WATER SERVICE ENTRANCE. COORDINATE W/ CIVIL. SEE PLUMBING DRAWINGS.
4. 4" SEWER WASTE LINE - LINE SIZE CAN VARY PER REQUIREMENT OF CIVIL DESIGN. SEE CIVIL FOR COORDINATION WITH SEWER CONNECTIONS AND LINE SIZE REQUIREMENTS.
5. 4" SANITARY WASTE FROM BUILDING. COORDINATE W/ CIVIL.
6. 4" GREASE WASTE LINE TO GREASE TRAP. COORINATE W/ CIVIL AND PLUMBING DRAWINGS.
7. GREASE TRAP, GI-1, COORDINATE SIZE REQUIREMENTS WITH AHJ. SEE CIVIL DRAWINGS. SEE SHEET P1.0
8. UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER LOCAL UTILITY COMPANY REQUIREMENTS. ROUTE (2) 4-500KCIL IN 4"C TO UTILITY TRANSFORMER. COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH LOCAL UTILITY. SEE SHEET E2.0
9. 600 A, 120/208V, 3 PH, 4W, CURRENT TRANSFORMER (CT) AND METER SOCKET. COORDINATE FINAL REQUIREMENTS WITH LOCAL UTILITY.
10. MAIN SWITCHBOARD (MSB). REFER TO ELECTRICAL DRAWINGS.
11. 2" UNDERGROUND CONDUIT TO VOICE/DATA POINT OF CONNECTION.
12.

GENERAL NOTES | 2

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	030822 95% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

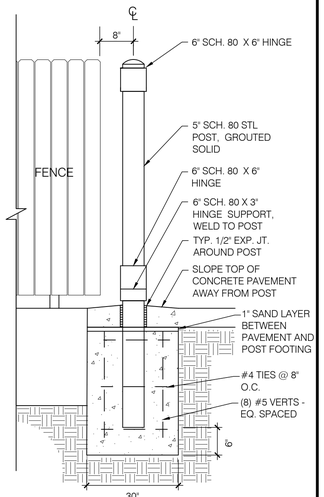
NG-30-22

UTILITY SITE PLAN

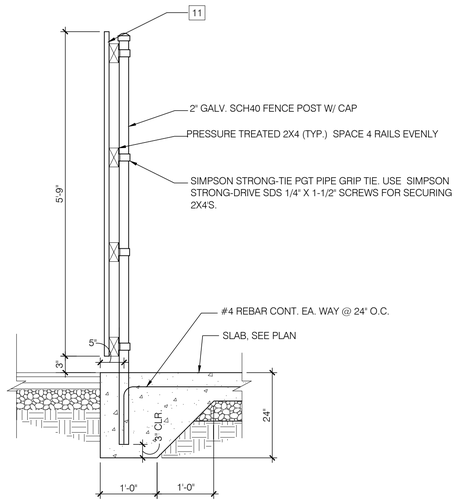
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PLOT DATE: 30.01.2022

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GATE COLUMN FOOTING N.T.S. | 6



WALL SECTION N.T.S. | 5

GATE HARDWARE: ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.

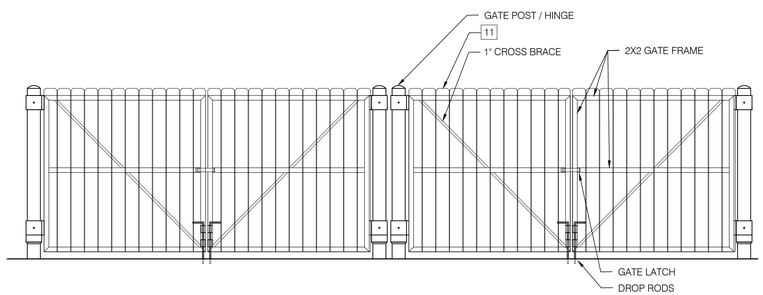
GATE STOP: MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.

GATE NOTES: (4) EQUAL WIDE x 6-0" HIGH MTL. GATES, TYPE 'B' 1 1/2" DECKING, 22GA. W/ T.S. 1 X .1875 BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT ALL STEEL COMPONENTS.

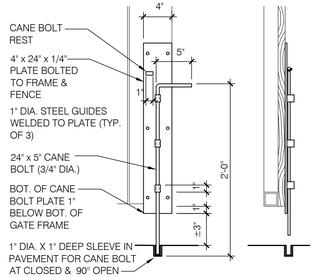
ENCLOSURE NOTES N.T.S. | 8

SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME COLOR	SHERWIN WILLIAMS	P-3
2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW
11	PICKET FENCE	AZEK	SEE FINISH SCHD. A4.0

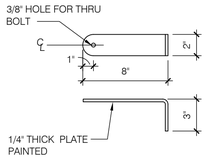
SCHEDULE N.T.S. | 7



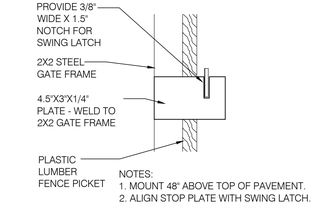
FRONT ELEVATION N.T.S. | 9



5 CANE BOLT (1 PER GATE)

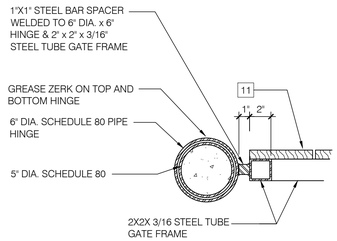


4 GATE HANDLE

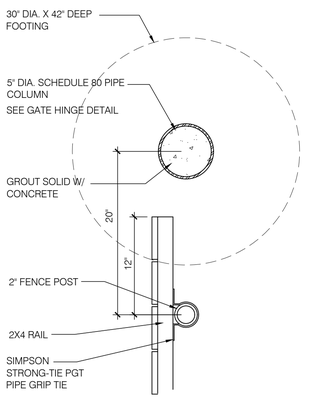


NOTES:
1. MOUNT 48" ABOVE TOP OF PAVEMENT.
2. ALIGN STOP PLATE WITH SWING LATCH.

3 STOP PLATE SECTION

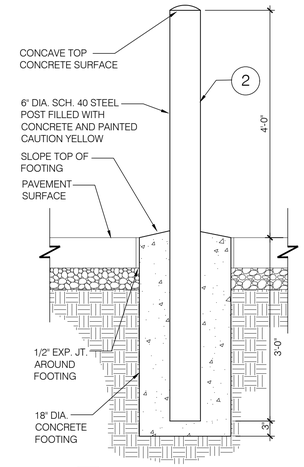


2 GATE HINGE DETAIL



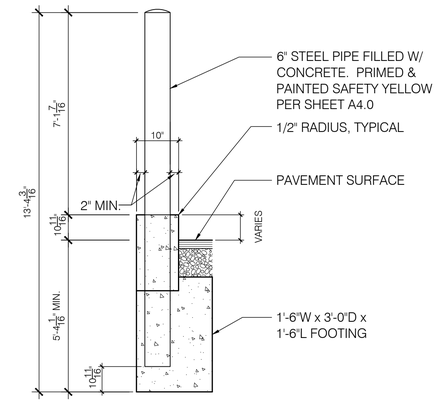
1 JAMB DETAIL

GATE DETAILS VARIES | 4

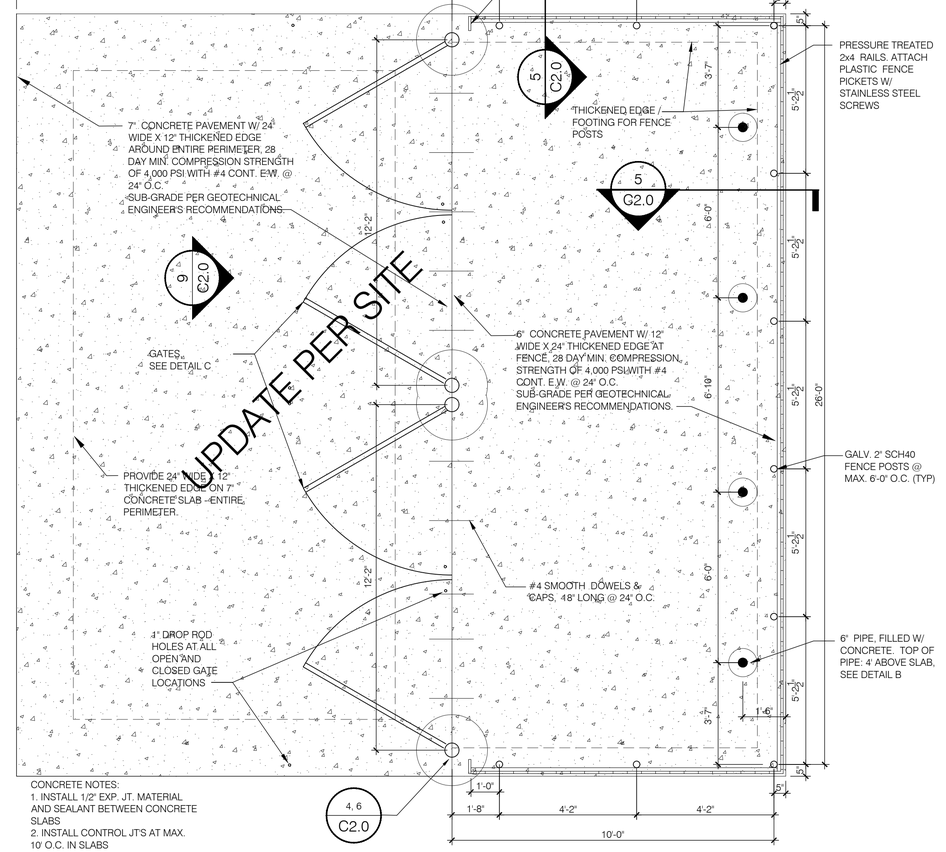


1 GUARDPOST BOLLARD DETAIL

BOLLARD DETAIL 1/4" = 1'-0" | 2



BOLLARD DETAIL 1/4" = 1'-0" | 1



CONCRETE NOTES:
1. INSTALL 1/2" EXP. JT. MATERIAL AND SEALANT BETWEEN CONCRETE SLABS
2. INSTALL CONTROL JT'S AT MAX. 10' O.C. IN SLABS

UPDATE PER SITE

DUMPSTER PLAN N.T.S. | 2

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

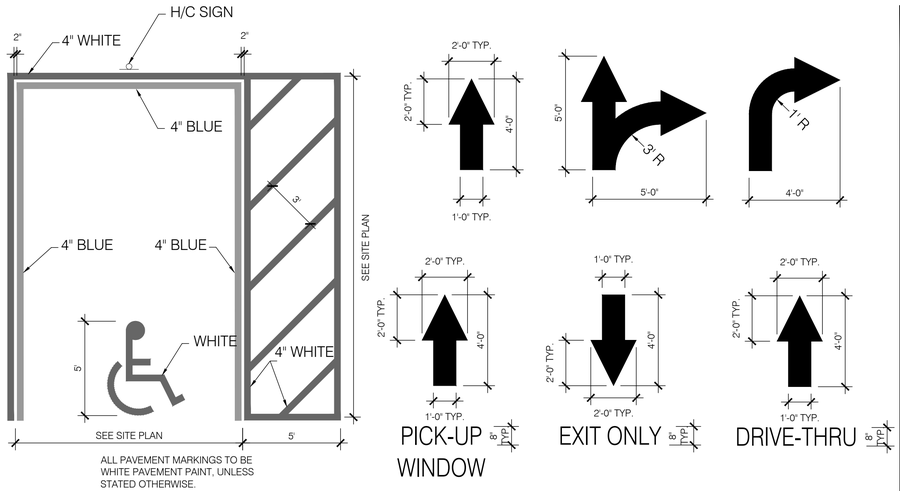
KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

TRASH ENCLOSURE DETAILS

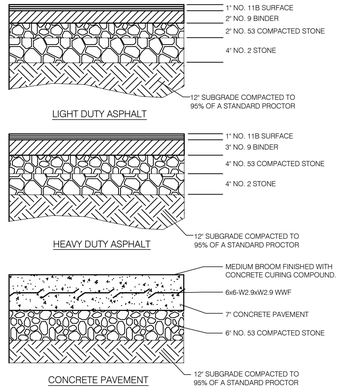
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PLOT DATE: 30.01.2022

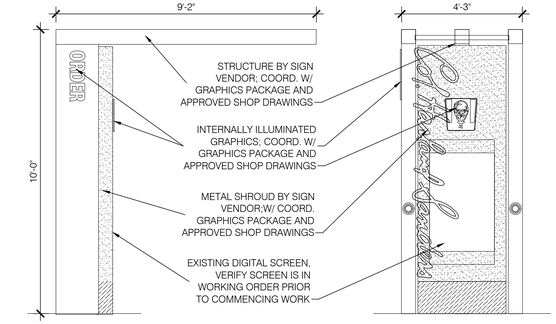


NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES

TYPICAL PAVEMENT MARKINGS VARIES | 8



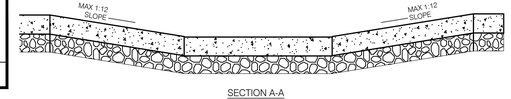
TYPICAL PAVING SECTIONS VARIES | 5



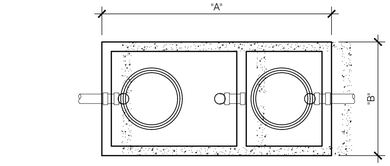
NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. VENDOR IS RESPONSIBLE FOR ALL STRUCTURAL DESIGN & CALCULATIONS BASED ON LOCAL REQUIREMENTS.

ORDER POINT CANOPY DETAIL VARIES | 1

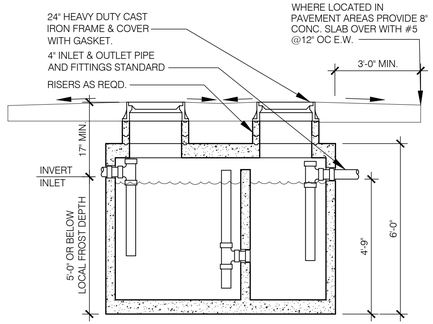
THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.



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TOP VIEW



SECTION

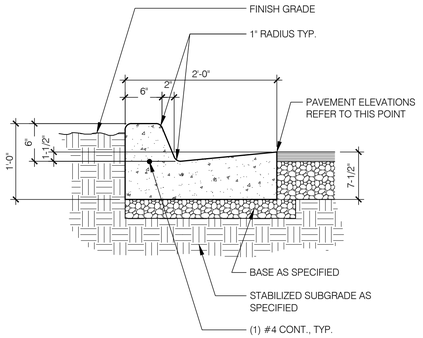
G.T. SIZE	DIM. "A"	DIM. "B"
500 GALLON	6'-2"	4'-2"
750 GALLON	8'-1"	4'-0"
1000 GALLON	8'-2"	5'-1"
1200 GALLON	8'-6"	5'-9"

NOTE:
UTILIZE 1,000 GALLON INTERCEPTOR UNLESS LOCAL CODES SPECIFY ALTERNATIVE CAPACITY.

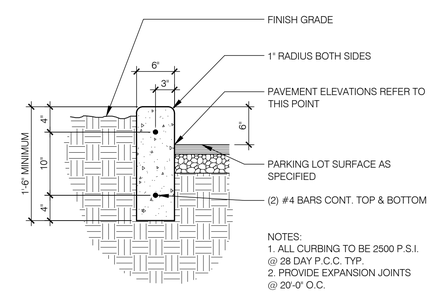
NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES

EXTERIOR GREASE INTERCEPTOR VARIES | 11

NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES

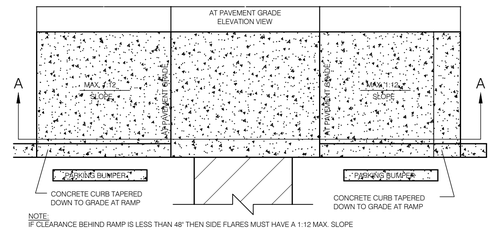


CURB & GUTTER DETAIL VARIES | 9



NOTES:
1. ALL CURBING TO BE 2500 P.S.I. @ 28 DAY P.C.C. TYP.
2. PROVIDE EXPANSION JOINTS @ 20'-0" O.C.

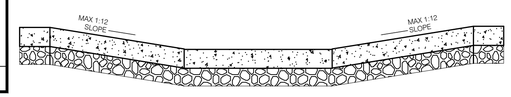
STANDING CONCRETE CURB DETAIL VARIES | 10

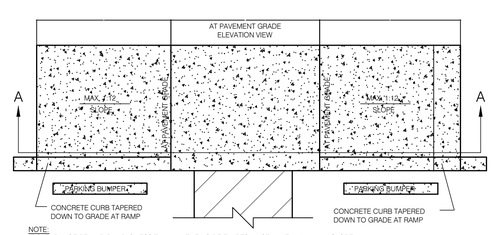


NOTE:
IF CLEARANCE BEHIND RAMP IS LESS THAN 48" THEN SIDE FLARES MUST HAVE A 1:12 MAX. SLOPE

PLAN VIEW

TYPICAL SIDEWALK DETAIL VARIES | 6





NOTE:
IF CLEARANCE BEHIND RAMP IS LESS THAN 48" THEN SIDE FLARES MUST HAVE A 1:12 MAX. SLOPE

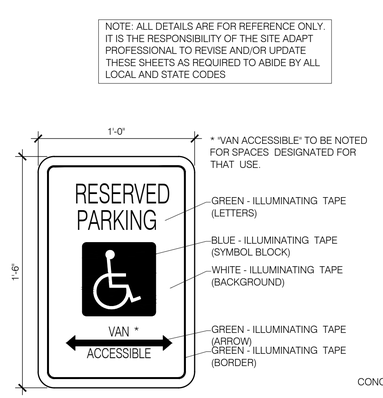
PLAN VIEW

HANDICAP RAMP DETAIL VARIES | 7

NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES

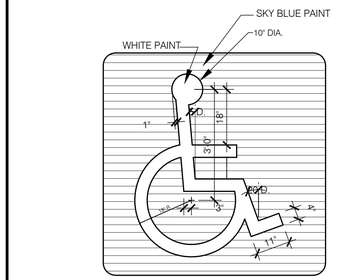
NOT USED VARIES | 3

NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES



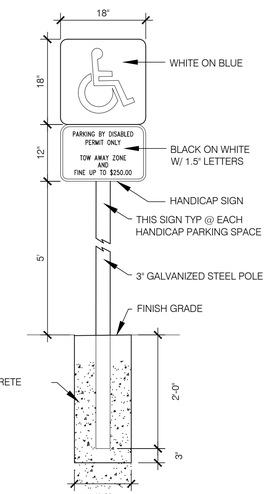
TYPICAL ADA COMPLIANT SIGNAGE VARIES | 4

NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES



NOTE: ALL STRIPES TO BE 4" PAINTED WHITE. UNLESS OTHERWISE SPECIFIED BY LOCAL AND STATE CODES

PAINTED HANDICAP SYMBOL VARIES | 2



TYPICAL ADA COMPLIANT SIGNAGE VARIES | 4

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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ANYTOWN, USA. 00000

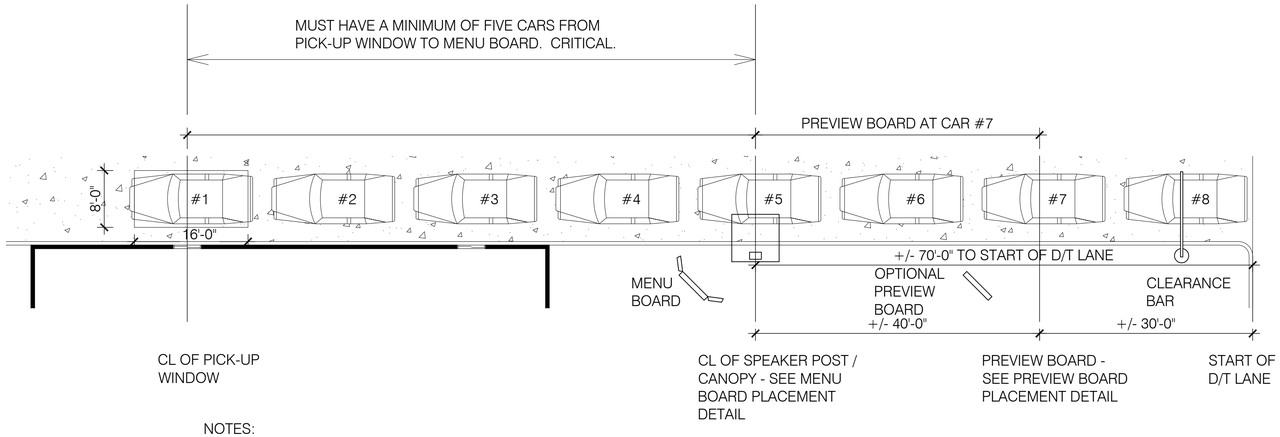
NG-30-22

SITE DETAILS

C3.0

PLOT DATE: 30.01.2022

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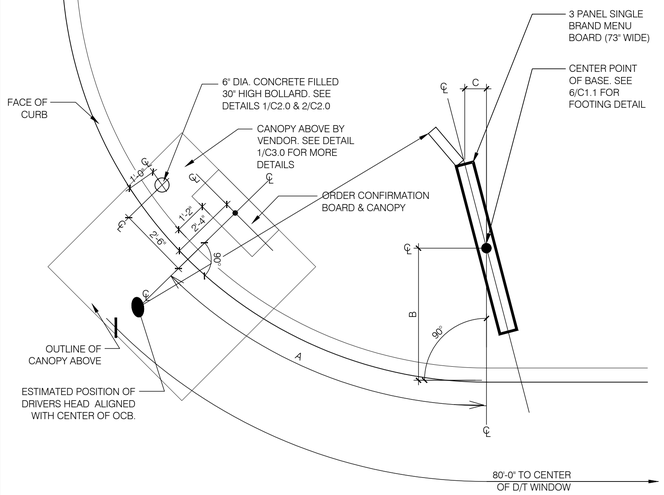
NOTES:
1. CAR COUNTING BEGINS AT WINDOW OF DRIVE-THRU LANE
2. ALLOW 8' x 16' AREA PER CAR FOR DETERMINING CAR COUNT
3. ORDER POINT AT CAR #5
4. PREVIEW BOARD AT CAR #7

NOTE: ALL DETAILS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE SITE ADAPT PROFESSIONAL TO REVISE AND/OR UPDATE THESE SHEETS AS REQUIRED TO ABIDE BY ALL LOCAL AND STATE CODES

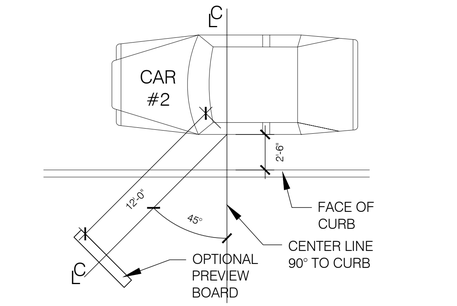
DRIVE-THRU LANE LINE-UP NTS | 3

CORNER DIMENSIONS			
RADUS	A	B	C
15'-0"	12'-5"	4'-8"	0'-9"
18'-0"	12'-6"	4'-8"	1'-3"
20'-0"	12'-7"	4'-8"	1'-5"

NOTES
1. CENTERLINE OF CANOPY FOOTING MUST BE WITHIN 18" OF FACE OF CURB.
2. ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT ORDER POINT SPEAKER & CANOPY. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON ORDER POINT SPEAKER & CANOPY.
3. CENTER OF MB TO BE 9'-0" TO 12'-0" FROM DRIVERS POINT OF VIEW.
4. PROVIDE CONDUITS FROM BUILDING TO ORDER POINT SPEAKER & CANOPY FOR LOW VOLTAGE WIRING. SEE ELECTRICAL DRAWINGS.

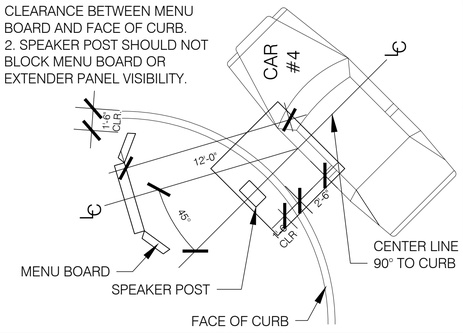


ENLARGED MENU BOARD DETAIL @ CURVED CURB NTS | 1

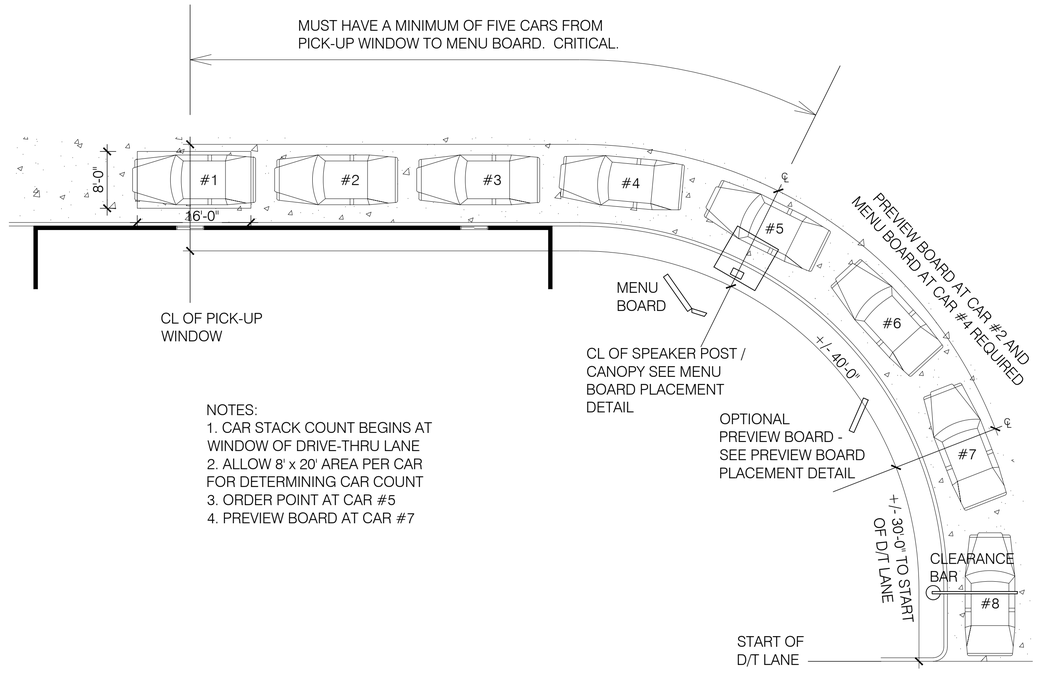


OPTIONAL PREVIEW BOARD DETAIL N.T.S. | 5

NOTES:
1. OPTIMAL MENU BOARD ORIENTATION IS 45°. ANGLE MAY BE REDUCED TO MAINTAIN 1'-6" CLEARANCE BETWEEN MENU BOARD AND FACE OF CURB.
2. SPEAKER POST SHOULD NOT BLOCK MENU BOARD OR EXTENDER PANEL VISIBILITY.



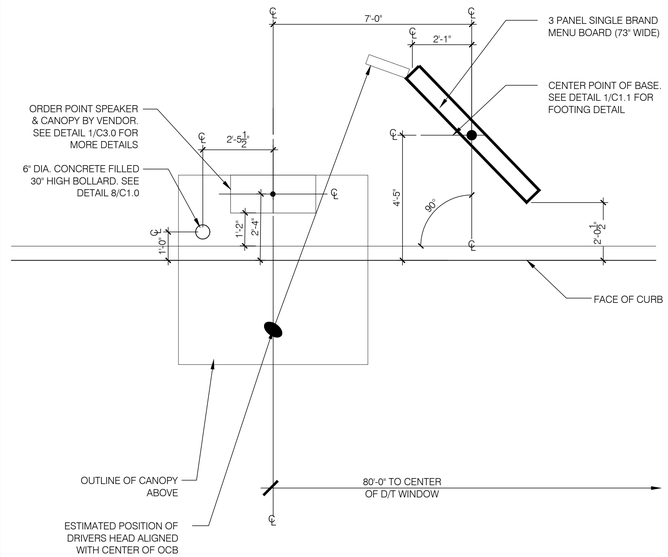
DRIVE-THRU DETAIL N.T.S. | 6



NOTES:
1. CAR STACK COUNT BEGINS AT WINDOW OF DRIVE-THRU LANE
2. ALLOW 8' x 20' AREA PER CAR FOR DETERMINING CAR COUNT
3. ORDER POINT AT CAR #5
4. PREVIEW BOARD AT CAR #7

DRIVE-THRU LANE LINE UP N.T.S. | 4

NOTES
1. CENTERLINE OF CANOPY FOOTING MUST BE WITHIN 18" OF FACE OF CURB.
2. ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT ORDER POINT SPEAKER & CANOPY. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON ORDER POINT SPEAKER & CANOPY.
3. CENTER OF MB TO BE 9'-0" TO 12'-0" FROM DRIVERS POINT OF VIEW.
4. PROVIDE CONDUITS FROM BUILDING TO ORDER POINT SPEAKER & CANOPY FOR LOW VOLTAGE WIRING. SEE ELECTRICAL DRAWINGS.



ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB NTS | 2

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:
1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

SITE DETAILS

C4.0

PLOT DATE: 30.01.2022

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GENERAL

A. USE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, **[SPECIFICATIONS,]** AND SHOP DRAWINGS.
B. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL CONTRACT DOCUMENTS AND LATEST ADDENDA, AS WELL AS, SUBMITTING TO ALL SUBCONTRACTORS AND SUPPLIERS PRIOR TO SUBMITTING SHOP DRAWINGS.
C. DO NOT SCALE DRAWINGS OR AUTO-DIMENSION ELECTRONIC FILES. NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES IN WRITING PRIOR TO FABRICATION OR CONSTRUCTION.
D. COMPARE ALL CONTRACT DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN DISCIPLINES, AND WITHIN A GIVEN DISCIPLINE, TO THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION AND ERECTION.
E. IF A CONFLICT EXISTS AMONG THE STRUCTURAL DRAWINGS, GENERAL NOTES, [**OR THE SPECIFICATIONS,**] THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, GOVERNS.
F. COORDINATE ALL ELEVATIONS AND DIMENSIONS, INCLUDING BUT NOT LIMITED TO, OPENINGS IN WALLS AND IN ROOF AND FLOOR SYSTEMS, WITH THE ARCHITECTURAL, PLUMBING, ELECTRICAL, AND MECHANICAL PLANS.
G. THE COMPLETED LATERAL-FORCE RESISTING SYSTEMS (LFRS), INCLUDING THE DIAPHRAGMS, ARE REQUIRED TO RESIST LATERAL LOADS AND PROVIDE STABILITY UNDER GRAVITY LOADS. DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS UNTIL THE LATERAL-LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
H. UNLESS NOTED OTHERWISE, DETAILS SHOWN ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
I. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS, AS WELL AS SAFETY PRECAUTIONS AND PROGRAMS.
J. BRITT, PETERS & ASSOCIATES, INC. IS NOT RESPONSIBLE FOR ACTS OR OMISSION OF THE CONTRACTOR, NOR FAILURE TO PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
K. PERIODIC SITE OBSERVATION BY BRITT, PETERS & ASSOCIATES, INC. IS FOR DETERMINING IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. STRUCTURAL OBSERVATIONS ARE NOT INTENDED AS QUALITY CONTROL (CONTRACTOR'S RESPONSIBILITY), QUALITY ASSURANCE (SPECIAL INSPECTOR'S RESPONSIBILITY), NOR TO CONFIRM THE QUALITY OR QUANTITY OF THE WORK.
L. THE BUILDING OWNER IS RESPONSIBLE FOR PERIODIC MAINTENANCE TO ENSURE STRUCTURAL INTEGRITY. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, STEEL/CONCRETE COATINGS, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND CLEANING OF EXPOSED STRUCTURAL ELEMENTS.

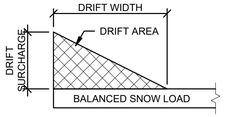
DESIGN CRITERIA

A. THE CONTRACT DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE, AND THE REFERENCED SECTIONS WITHIN.
B. DEAD LOADS:
1. ROOF SYSTEMS:
a. WOOD (20 PSF TOTAL)
1. STRUCTURE 6 PSF
2. MEP 4 PSF
3. INSULATION AND ROOFING 10 PSF
C. LIVE LOADS:
1. LIVE LOADS ARE BASED ON THE MORE RESTRICTIVE OF THE UNIFORM LOAD OR THE CONCENTRATED LOAD LISTED ACTING OVER A 6.25 SQUARE FOOT AREA. LIVE LOADS HAVE BEEN REDUCED AS PRESCRIBED IN THE AFOREMENTIONED BUILDING CODE.

SNOW DRIFT DIAGRAM

BALANCED SNOW LOAD :22 PSF

DRIFT AREA	DRIFT SURCHARGE	DRIFT WIDTH
A	63 PSF TO 23 PSF	8'-10"
B	48 PSF TO 23 PSF	5'-7"



D. DESIGN SNOW LOADS:

1.	GROUND SNOW LOAD:	P_G	30 PSF
2.	FLAT ROOF SNOW LOAD:	P_F	22 PSF
3.	SNOW EXPOSURE FACTOR:	C_E	1.1
4.	SNOW THERMAL FACTOR:	C_T	1.0
5.	SLOPE FACTOR	C_S	1.0
6.	SNOW IMPORTANCE FACTOR:	I_S	1.0

LIVE LOADS

CATEGORY	UNIFORM LOAD (PSF)	CONCENTRATED LOAD (LBS)
ROOFS: ALL ROOF SURFACES SUBJECT TO WORKERS		300
ROOFS: ORDINARY ROOF	20	

E. DESIGN WIND LOADS:

1.	BASIC WIND SPEED:	V_{ULT}	130 MPH (3-SEC GUST)
2.	BASIC WIND SPEED:	V_{ASD}	100 MPH (3-SEC GUST)
3.	RISK CATEGORY:		II
4.	WIND EXPOSURE:		C
5.	INTERNAL PRESSURE COEFF:	GC_{PI}	±0.18
6.	COMPONENTS & CLADDING WIND PRESSURES (ULTIMATE):		

.\X-Ref\200826-C&C.jpg

WIDTH OF ZONE, a = 4.0FT

F. SEISMIC LOADS:

1.	RISK CATEGORY:		II
2.	SEISMIC IMPORTANCE FACTOR:	I_E	1.0
3.	SHORT PERIOD SPECTRAL RESPONSE ACCELERATION:	S_S	0.250 g
4.	1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION:	S_1	0.115 g
5.	SITE CLASS:		D
6.	SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION:	S_{DS}	0.267 g
7.	1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION:	S_{D1}	0.182 g
8.	SEISMIC DESIGN CATEGORY:		C
9.	BASIC SEISMIC-FORCE RESISTING SYSTEM:		LIGHT FRAMED WOOD SHEAR WALLS
10.	DESIGN BASE SHEAR:	V	8 K
11.	SEISMIC RESPONSE COEFFICIENT:	C_S	0.04
12.	RESPONSE MODIFICATION FACTOR:	R	6.5
13.	ANALYSIS PROCEDURE:		EQUIVALENT LATERAL FORCE

FOUNDATIONS

A. AN ALLOWABLE BEARING CAPACITY OF 1,500 PSF HAS BEEN ASSUMED AND MUST BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
B. REVIEW THE GEOTECHNICAL REPORT AND ADHERE TO ALL RECOMMENDATIONS WITHIN, INCLUDING CUT, SUBGRADE PREPARATION, FILL, ETC.
C. ALL SOILS WORK, INCLUDING BACKFILL OF UTILITY TRENCHES AND THE VERIFICATION OF BEARING CAPACITY MUST BE UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER. PROXIMITY OF UTILITY TRENCHES TO BUILDING FOUNDATION SYSTEM MUST BE AS APPROVED BY THE GEOTECHNICAL ENGINEER TO ENSURE INTEGRITY OF THE BEARING SOILS.
D. ALL FOUNDATIONS BEAR ON UNDISTURBED EARTH OR ENGINEERED FILL AT ELEVATIONS SHOWN ON PLANS AND DETAILS. COORDINATE FINAL TOP OF FOOTING ELEVATIONS WITH THE ARCHITECTURAL ELEVATIONS, MEP DRAWINGS AND CIVIL GRADING PLANS PRIOR TO PLACEMENT. FOUNDATION STEPS INDICATED ARE APPROXIMATE, UNLESS NOTED OTHERWISE, AND MUST BE FIELD COORDINATED. THE BOTTOM OF EXTERIOR FOUNDATION ELEVATIONS MUST BE BELOW THE FROST DEPTH ELEVATION 24 MEASURED FROM EXTERIOR FINISHED GRADE.
E. BEAR FLOOR SLABS ON 4 INCH MINIMUM DRAINAGE COURSE (COMPACTED STONE) UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT OR DRAWINGS. PLACE THE VAPOR RETARDER BETWEEN THE DRAINAGE COURSE AND THE SLAB. VAPOR RETARDER IS ASTM E1745, CLASS B, 10 MIL UNLESS NOTED OTHERWISE. PLACE, PROTECT AND REPAIR PER ASTM E1643 AND MANUFACTURER'S INSTRUCTIONS.
F. DO NOT INSTALL FOUNDATION CONCRETE UNTIL ALL FOUNDATION WORK HAS BEEN COORDINATED WITH UNDERGROUND UTILITIES. NOTIFY THE ENGINEER OF ALL CONFLICTS BETWEEN FOUNDATIONS AND UTILITIES.
G. ALL FOUNDATIONS, OR PORTIONS THEREOF BELOW GRADE, MAY BE EARTH FORMED BY NEAT EXCAVATIONS. DO NOT PLACE FOUNDATIONS, SLABS, OR OTHER CONCRETE ON FROZEN SUBGRADE OR IN STANDING WATER.
H. CENTER ALL FOUNDATIONS ON WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.

CONCRETE

A. CONCRETE MUST CONFORM TO THE CONCRETE PROPERTIES SPECIFIED IN THE CONCRETE PROPERTIES TABLE.
B. CONCRETE MUST HAVE ALLOWABLE UNIT SHRINKAGE OF 0.045% AT 28 DAYS. (SEE ASTM C157)
C. SLABS TO RECEIVE MOISTURE SENSITIVE FLOOR COVERINGS MUST HAVE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO OF 0.45.
D. CONCRETE CONSTRUCTION MUST CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PRACTICE".
E. CONCRETE MATERIALS MUST CONFORM TO THE FOLLOWING SPECIFICATIONS:
1. PORTLAND CEMENT: ASTM C150, TYPE I OR II
2. AGGREGATE (NORMAL WEIGHT): ASTM C33
F. ALL REINFORCEMENT MUST CONFORM TO THE FOLLOWING SPECIFICATIONS:
1. ALL REINFORCING, UNO: ASTM A615 GRADE 60
2. WELDED WIRE REINFORCEMENT (WWR):
a. SMOOTH WIRE: ASTM A185 (65 KSI)
b. DEFORMED WIRE: ASTM A497 (70 KSI)
c. POLYPROPYLENE FIBRILLATED FIBER MAY BE USED TO SUBSTITUTE WWR IN SLABS ON GRADE WHEN ADDED TO CONCRETE MIX ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDED DOSAGES.
d. STEEL AND POLYPROPYLENE FIBER BLEND MAY BE USED TO SUBSTITUTE WWR IN SLABS ON COMPOSITE DECK WHEN ADDED TO CONCRETE MIX IN ACCORDANCE WITH THE LATEST VERSION OF THE SPECIFICATION FOR COMPOSITE STEEL FLOOR DECK (ANSI/SDI C) BY THE STEEL DECK INSTITUTE (STEEL FIBERS HAVE 80 PSI RESIDUAL STRENGTH WHEN TESTED IN ACCORDANCE WITH ASTM C 1399).
G. REINFORCEMENT DETAILING:
1. DETAIL AND PLACE REINFORCEMENT IN ACCORDANCE WITH ACI 315.
2. DEVELOPMENT AND SPLICE LENGTHS ARE IN TENSION UNLESS NOTED OTHERWISE. REFER TO THE REINFORCING BAR LAP LENGTH SCHEDULE ON THE TYPICAL DETAIL SHEETS.
3. LAP WWR ONE CROSSWIRE SPACING PLUS 2".
4. INSTALL CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCING SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING.
5. INSTALL AND SECURE REINFORCEMENT TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. PROVIDE THE FOLLOWING CONCRETE COVER FOR REINFORCING ACI 318 SECTION 7.7 AND IBC TABLE 720.1, UNLESS SPECIFICALLY NOTED OTHERWISE:
a. CAST AGAINST EARTH: 3"
b. SLABS, WALLS, JOISTS: #11 & SMALLER 3/4"
6. INSTALL DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED, UNLESS NOTED OTHERWISE.
H. CAST FOOTINGS IN ALTERNATE PANELS NOT TO EXCEED 60'-0" IN LENGTH. INSTALL SHEAR KEYS AT EACH CONSTRUCTION JOINT AND LOCATED AT 1/3 POINTS OF SPANS.
I. DO NOT USE HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS UNLESS SHOWN ON THE DRAWINGS. THE ENGINEER MUST APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.
J. CAST SLABS MONOLITHICALLY UNLESS NOTED OTHERWISE.
K. CHAMFER ALL PERMANENTLY EXPOSED CONCRETE EDGES ¾" UNLESS NOTED OTHERWISE.
L. REFERENCE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF OPENINGS AND SLEEVES IN CONCRETE WALLS AND SUPPORTED FLOORS. SPREAD REINFORCEMENT AT OPENINGS AND SLEEVES UNLESS OTHERWISE INDICATED. DO NOT CUT REINFORCEMENT.
M. SLOPE CONCRETE SLABS TO FLOOR DRAINS SHOWN ON MECHANICAL, PLUMBING, CIVIL AND ARCHITECTURAL DRAWINGS.
N. BOND NEW CONCRETE TO HARDENED CONCRETE WITH A STRUCTURAL ADHESIVE BONDING AGENT PER ASTM C1059. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS.
O. NO HOLES OR OPENINGS THROUGH FOUNDATION WALL, STAND OR FOOTINGS WITHOUT ENGINEER'S APPROVAL.
P. DO NOT EMBED ALUMINUM IN CONCRETE.

CONCRETE PROPERTIES

USAGE	STRENGTH (PSI)	TYPE	COMMENTS	DURABILITY CLASSIFICATION
ALL CONCRETE NOT OTHERWISE SPECIFIED	4000	NWT		F0, S0, W0, C1
FOOTINGS	3000	NWT		F0, S0, W0, C1
SLAB-ON-GRADE INTERIOR	3500	NWT		F0, S0, W0, C0

CONCRETE PROPERTIES TABLE NOTES:
1. MINIMUM STRENGTH AND MAXIMUM DENSITY MEASURED AT 28 DAYS.
2. NWT = NORMAL WEIGHT CONCRETE
3. DURABILITY CLASSIFICATION INDICATES CONCRETE REQUIREMENTS BY EXPOSURE CLASS, REFER TO **[TABLE 19.3.2.1]** OF ACI 318.

STRUCTURAL STEEL

A. HOT ROLLED STEEL BARS, PLATES, SHAPES AND SHEET PILING MUST BE NEW STEEL CONFORMING TO ASTM A6. FABRICATE AND INSTALL STEEL IN ACCORDANCE WITH AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
B. STRUCTURAL STEEL IS AS FOLLOWS, UNLESS NOTED OTHERWISE:
1. RECTANGULAR AND SQUARE HSS ASTM A500, GRADE B F_Y = 46 KSI
2. ALL OTHER STRUCTURAL STEEL ASTM A36 F_Y = 36 KSI
3. ANCHOR RODS ASTM F1554, GRADE 36
4. ASTM A572 GRADE 50 IS ACCEPTABLE AS A SUBSTITUTE FOR A992.
C. CENTER COLUMNS AND BEAMS ON GRID LINES UNLESS NOTED OTHERWISE.
D. CONNECTIONS:
STEEL CONNECTIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REFERENCED DESIGN CRITERIA.
E. WELD CONNECTIONS (UNLESS NOTED OTHERWISE):
1. WELDING IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE - STEEL".
2. USE E70XX (SMAW), F7XX-EXXX (SAW), ER70S-X (GMAW), OR E7XT-X (FCAW) ELECTRODES FOR WELDING, UNLESS NOTED OTHERWISE.
3. SHOW ALL FIELD WELDS REQUIRED ON ERECTION DRAWINGS.
4. USE CONTINUOUS 1/4" FILLET WELDS UNLESS NOTED OTHERWISE.
F. BEAR STEEL BEAMS ON MASONRY A MINIMUM OF 8 INCHES, UNLESS NOTED OTHERWISE.
G. CUTS INDICATED ON THE DRAWINGS, OR AS REQUIRED FOR OTHER TRADES, MUST BE MADE IN THE SHOP AND SHOWN ON THE SHOP DRAWINGS. FIELD PERFORMED HOLES OR CUTS ARE NOT PERMITTED WITHOUT ENGINEER APPROVAL.
H. INSTALL NONMETALLTIC SHRINKAGE-RESISTANT GROUT BELOW BASE PLATES, IN ACCORDANCE WITH ASTM C1107 AND A MINIMUM STRENGTH OF 6,000 PSI.
I. FABRICATE STRUCTURAL STEEL WITH ONE COAT OF SHOP PRIMER EXCEPT THE FOLLOWING MEMBERS: GALVANIZED SURFACES, SLIP-CRITICAL SURFACES, SURFACES TO BE FIELD WELDED, SURFACES TO RECEIVE FIRE PROOFING, OR UNLESS NOTED OTHERWISE. COORDINATE AREAS TO BE FIREPROOFED WITH ARCHITECTURAL DRAWINGS PRIOR TO FABRICATION.
J. GALVANIZED STRUCTURAL STEEL: ASTM A123 OR ASTM A153. GALVANIZE AFTER FABRICATION. GALVANIZE ALL EXTERIOR EXPOSED STEEL, UNLESS NOTED OTHERWISE. REPAIR DAMAGED GALVANIZED COATINGS IN ACCORDANCE WITH ASTM A780.
K. UNLESS NOTED OTHERWISE, THE TOP OF ALL STEEL COLUMNS ARE FABRICATED WITH A STEEL CAP PLATE - MINIMUM CAP PLATE DIMENSIONS MATCH COLUMN WIDTH AND DEPTH, AND MINIMUM THICKNESS OF CAP PLATE EQUALS COLUMN WEB THICKNESS (1/2" MIN).
L. COORDINATE THE EXACT LOCATION AND SIZE OF ALL OPENINGS FOR MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION.
M. REFERENCE THE ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL STEEL (IF ANY) NOT INDICATED ON THE STRUCTURAL DRAWINGS.

DO NOT USE AS CONSTRUCTION DOCUMENTS
E.O.R. TO VERIFY ALL DIMENSIONS AND CALCULATIONS PRIOR TO USE
DRAWINGS ARE FOR GENERAL SPECIFICATION ONLY AND DO NOT CONSTITUTE A FINAL SET OF PLANS

ROUGH CARPENTRY

A. GENERAL
1. LUMBER:
a. GRADING PER DOC PS 20 AND APPLICABLE GRADING AGENCY RULES.
1. FACTORY MARK EACH PIECE WITH GRADING AGENCY GRADE STAMP.
b. MAXIMUM MOISTURE CONTENT: 19%
c. PROTECT MATERIALS FROM WEATHER
d. SORT AND SELECT LUMBER SO NATURAL CHARACTERISTICS DO NOT INTERFERE WITH INSTALLATION OR FASTENING.
e. PASS PLUMBING AND CONDUIT THROUGH HOLES, NOT NOTCHES, IN STUDS, SILLS AND PLATES. CENTER HOLES IN THE MEMBER DEPTH. USE GALVANIZED NAIL STOPPERS (16 GAGE MIN.) ON BOTH FACES OF BORED MEMBERS IN ACCORDING WITH THE GOVERNING PLUMBING/ELECTRICAL CODE.
B. DIMENSIONAL LUMBER
1. UNLESS NOTED OTHERWISE: SOUTHERN PINE NO.2 OR BETTER, SPIB
2. EXTERIOR WALLS: SOUTHERN PINE NO.2 OR BETTER, SPIB
3. INTERIOR LOAD BEARING WALLS: SOUTHERN PINE NO.2 OR BETTER, SPIB
C. ENGINEERED LUMBER AND STRUCTURAL COMPOSITE LUMBER (SCL)
1. INSTALL ENGINEERED WOOD PRODUCTS PER MANUFACTURER 'S WRITTEN INSTRUCTIONS. FOLLOW MANUFACTURER INSTRUCTIONS FOR MULTI-PLY FASTENING AS WELL AS LIMITS ON HOLE SIZES AND LOCATIONS.
2. SIZES INDICATED ARE NET DIMENSIONS.
3. LAMINATED-VENEER LUMBER (LVL):
a. STRUCTURAL CAPACITIES IN ACCORDANCE WITH ASTM D5456
b. ALLOWABLE UNIT STRESSES FOR DRY CONDITIONS AS FOLLOWS:
1. EXTREME FIBER STRESS IN BENDING, EDGEWISE: 2,600 PSI
2. MODULUS OF ELASTICITY, EDGEWISE: 2,000,000 PSI
D. FASTENERS
1. NAILS, BRADS, AND STAPLES: ASTM F1667
2. FASTENERS USED IN PRESERVATIVE-TREATED OR FIRE-TREATED LUMBER ARE GALVANIZED TO ASTM STANDARD B695 - CLASS 55, OR A153 - CLASS D.
3. FASTENERS USED IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED.
4. AS A MINIMUM, FASTEN ALL WOOD FRAMING TO COMPLY WITH THE "FASTENING SCHEDULE" OF THE REFERENCED BUILDING CODE AND THE ICC-ES EVALUATION REPORT FOR FASTENERS.
5. USE STEEL COMMON NAILS UNLESS NOTED OTHERWISE.
6. STAGGER FASTENERS TO PREVENT SPLITTING, INCLUDING PARALLEL TO GRAIN SPLITTING.
7. FASTEN MULTI-PLY MEMBERS TOGETHER USING (3) ROWS OF 16d NAILS AT 12 INCHES OC, UNLESS NOTED OTHERWISE.
E. CONNECTORS
1. INSTALL CONNECTORS COMPLYING WITH MANUFACTURER 'S WRITTEN INSTRUCTIONS. INSTALL FASTENERS THROUGH EACH FASTENER HOLE, UNLESS NOTED OTHERWISE.
2. CONNECTORS INDICATED ARE MANUFACTURED BY SIMPSON STRONG-TIE, INC. CONNECTORS BY OTHER MANUFACTURERS MAY BE USED IF THE LOAD CAPACITY IS EQUAL TO OR GREATER THAN THE CONNECTOR SPECIFIED. USE MANUFACTURER'S RECOMMENDED FASTENERS, UNLESS NOTED OTHERWISE.
3. CONNECTORS HAVE A MINIMUM CORROSION PROTECTION OF G90 GALVANIZATION COMPLYING WITH ASTM A653.
4. CONNECTORS IN CONTACT WITH PRESSURE TREATED OR FIRE TREATED LUMBER ARE MANUFACTURED FROM SIMPSON ZMAX (G185 GALVANIZED) STEEL COMPLYING WITH ASTM A653.
5. CONNECTORS IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED TO ASTM STANDARD A123 - CLASS C.
F. ERECTION TOLERANCES
1. FRAMING MEMBERS COVERED BY FINISHES SUCH AS WALLBOARD, PLASTER OR CERAMIC TILE SET IN A MORTAR SETTING BED, MUST BE WITHIN THE FOLLOWING LIMITS:
a. LAYOUT OF WALLS AND PARTITIONS: 1/4 INCH FROM THE INTENDED POSITION
b. PLATES AND RUNNERS: 1/4 INCH IN 8 FEET FROM A STRAIGHT LINE
c. STUDS: 1/4 INCH IN 8 FEET OUT OF PLUMB, NOT CUMULATIVE
d. FACE OF FRAMING MEMBERS: 1/4 INCH IN 8 FEET FROM A TRUE PLANE
2. FRAMING MEMBERS COVERED BY CERAMIC TILE SET IN DRY-SET MORTAR, LATEX-PORTLAND CEMENT MORTAR OR ORGANIC ADHESIVE MUST BE WITHIN THE FOLLOWING LIMITS:
a. LAYOUT OF WALLS AND PARTITIONS: 1/4 INCH FROM THE INTENDED POSITION
b. PLATES AND RUNNERS: 1/8 INCH IN 8 FEET FROM A STRAIGHT LINE
c. STUDS: 1/8 INCH IN 8 FEET OUT OF PLUMB, NOT CUMULATIVE
d. FACE OF FRAMING MEMBERS: 1/8 INCH IN 8 FEET FROM A TRUE PLANE
G. WALL CONSTRUCTION
1. UNLESS NOTED OTHERWISE USE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES USING 2x MEMBERS WITH WIDTHS EQUAL TO THE WALL STUDS. FASTEN PLATES TO SUPPORTING CONSTRUCTION. SPLICE TOP PLATES WITHIN THE CENTER THIRD OF THE TOTAL WALL LENGTH WITH A 4 FOOT MINIMUM LAP, UNLESS NOTED OTHERWISE.
2. EXTERIOR WALLS: 2x6 STUDS AT 16 INCHES OC MAX SPACING, UNLESS NOTED OTHERWISE
3. INTERIOR WALLS: 2x6 STUDS AT 16 INCHES OC MAX SPACING, UNLESS NOTED OTHERWISE
4. INSTALL HORIZONTAL BLOCKING AT WALL MIDHEIGHT. BLOCKING IS 2x MEMBERS WITH WIDTHS EQUAL TO THE STUDS.
5. CONSTRUCT CORNERS AND INTERSECTIONS WITH THREE OR MORE STUDS.
6. FRAME WALL OPENINGS WITH MULTIPLE JAMBS STUDS AND HEADERS AS INDICATED. INSTALL HEADER MEMBERS WITH THICKNESS EQUAL TO WIDTH OF THE WALL STUDS.
7. DO NOT USE MATERIALS WITH DEFECTS IMPAIRING THE QUALITY OF SHEATHING OR PIECES TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS. LAYOUT PANELS TO SPAN BETWEEN AT LEAST THREE SUPPORT MEMBERS.
8. COORDINATE SHEATHING INSTALLATION WITH FLASHING AND JOINT-SEALANT INSTALLATION SO MATERIALS ARE INSTALLED IN A SEQUENCE AND MANNER PREVENTING EXTERIOR MOISTURE FROM PASSING THROUGH THE COMPLETED ASSEMBLY.
9. DO NOT BRIDGE BUILDING EXPANSION JOINTS.
10. WHERE EITHER 2 INCH OR 2 1/2 INCH FASTENER SPACINGS ARE SPECIFIED TO 2 INCH OR LESS FRAMING MEMBERS, THE FRAMING MEMBER AT ADJOINING PANEL EDGES MUST BE 2 1/2 INCH WIDE OR GREATER. STAGGER FASTENERS AT PANEL EDGES IN TWO LINES.
B. WALL SHEATHING
1. SPAN RATING: NOT LESS THAN 32/16
2. NOMINAL THICKNESS: NOT LESS THAN 1/2 INCH
3. EXPOSURE AND DURABILITY CLASSIFICATION: EXPOSURE 1
4. FASTENING METHOD, UNLESS NOTED OTHERWISE:
a. FASTENERS: 10d RING SHANK NAILS
b. BOUNDARY EDGE SPACING: 6 INCHES OC
c. PANEL EDGE SPACING: 6 INCHES OC
d. FIELD SPACING: 12 INCHES OC
5. REFERENCE SHEARWALL DETAILS FOR SHEARWALL SHEATHING FASTENING, BLOCKING AND OTHER DETAILS.
C. ROOF SHEATHING
1. SPAN RATING: NOT LESS THAN 40/20
2. NOMINAL THICKNESS: NOT LESS THAN 3/4 INCH
3. EXPOSURE AND DURABILITY CLASSIFICATION: EXPOSURE 1
4. FASTENING METHOD, UNLESS NOTED OTHERWISE:
a. FASTENERS: 8d RING SHANK NAILS
b. BOUNDARY EDGE SPACING: 4 INCHES OC
c. PANEL EDGE SPACING: 6 INCHES OC
d. FIELD SPACING: 12 INCHES OC
5. UNLESS NOTED OTHERWISE, INSTALL BLOCKING AT ALL SHEATHING EDGES AND FASTEN SHEATHING EDGES TO BLOCKING ACCORDING TO PANEL EDGE SPACING.
D. FASTENERS
1. AS A MINIMUM, FASTENING TO COMPLY WITH THE "FASTENING SCHEDULE" OF THE REFERENCED BUILDING CODE AND THE ICC-ES EVALUATION REPORT FOR FASTENERS.
2. USE STEEL COMMON NAILS INTO WOOD FRAMING AND SCREWS INTO COLD-FORMED METAL FRAMING, UNLESS NOTED OTHERWISE.
3. NAILS, BRADS, AND STAPLES: ASTM F1667.
4. SCREWS FOR FASTENING SHEATHING TO WOOD FRAMING: ASTM C1002.
5. SCREWS FOR FASTENING SHEATHING TO COLD-FORMED METAL FRAMING: ASTM C954, EXCEPT WITH WAFER HEADS (MIN HEAD DIA=0.333 INCHES) AND REAMER WINGS, LENGTH AS RECOMMENDED BY SCREW MANUFACTURER.
6. FOR ROOF, PARAPET, AND WALL SHEATHING, USE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A153 OR TYPE 304 STAINLESS STEEL.
7. FOR ROOF, PARAPET, AND WALL SHEATHING WITH ORGANIC-POLYMER OR OTHER CORROSION-PROTECTION COATINGS, USE FASTENERS WITH A SALT-SPRAY RESISTANCE OF MORE THAN 800 HOURS ACCORDING TO ASTM B117.

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA 00000

NG-30-22

GENERAL NOTES

S0.0

PLOT DATE: 30.01.2022

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PREFABRICATED WOOD TRUSSES

A. DESIGN TRUSSES IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION" (NDS) AND ITS "SUPPLEMENT", AS WELL AS THE TRUSS PLATE INSTITUTE (TPI). DESIGN TRUSSES FOR THE DESIGN CRITERIA INDICATED.
B. FABRICATE, INSTALL AND BRACE TRUSSES IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI).
C. SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY REGISTERED PROFESSIONAL ENGINEER, INCLUDING TRUSS LAYOUT, TRUSS PROFILES, INSTALLATION INSTRUCTIONS, DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. DESIGN TRUSSES USING 'PIN' CONNECTION AT ONE SUPPORT AND 'ROLLER' CONNECTION AT OTHER SUPPORT LOCATIONS. 'PIN' IS DEFINED AS A SUPPORT RESISTING VERTICAL AND HORIZONTAL LOADS. 'ROLLER' IS DEFINED AS RESISTING ONLY VERTICAL LOADS. DO NOT FABRICATE TRUSSES UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND RETURNED. DESIGN TRUSSES TO BEAR ONLY ON THE STRUCTURAL SUPPORT MEMBERS INDICATED.
D. WOOD FRAMING MEMBERS: PS 20 "AMERICAN SOFTWOOD LUMBER STANDARD "
   1. SOUTHERN PINE NO. 2 OR BETTER, SPIB
   2. 19 PERCENT MAXIMUM MOISTURE CONTENT
   3. SELECT FRAMING MEMBERS SO KNOTS OR OTHER WOOD IMPERFECTIONS DO NOT OCCUR AT PANEL POINTS/CONNECTOR PLATES.
E. METAL CONNECTOR PLATES, UNLESS NOTED OTHERWISE:
   a. AT INDOOR LOCATIONS: ASTM A653 WITH G60 GALVANIZED COATING
F. LIMIT TRUSS AND MEMBER DEFLECTIONS PER REFERENCED BUILDING CODE.
G. TRUSS TO TRUSS CONNECTIONS ARE BY THE TRUSS ENGINEER. WHERE MULTIPLE TRUSS PLIES ARE INDICATED, FASTEN TOGETHER AS INDICATED BY THE TRUSS MANUFACTURER.
H. TRUSS CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION OF THE TRUSSES, OR AS RECOMMENDED BY THE MANUFACTURER AND TPI, IN ADDITION TO ANY BRACING INDICATED.
I. DESIGN AND INSTALL BOTTOM CHORD BRACING WHERE CEILING SHEATHING DOES NOT ATTACH DIRECTLY TO TRUSS BOTTOM CHORD. COORDINATE EXTENTS OF CEILING SHEATHING WITH ARCHITECTURAL DRAWINGS.
J. REFER TO THE ARCHITECTURAL DRAWINGS FOR TRUSS PROFILES. TRUSS PROFILES INDICATED ON THE STRUCTURAL DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. COORDINATE TRUSS WEB CONFIGURATION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. TRUSS MANUFACTURER MAY USE ALTERNATIVE TRUSS WEB CONFIGURATIONS SUBJECT TO APPROVAL OF THE ARCHITECT. ALIGN WEB MEMBERS IN ADJACENT TRUSSES OF THE SAME PROFILE TO PERMIT PASSAGE OF DUCTWORK.
K. TRUSS ANCHORAGES AND HOLDOWNS ARE BASED ON TRUSS LAYOUT INDICATE. COORDINATE FINAL LOCATION OF GANGED STUDS AND HOLDOWNS WITH TRUSS SHOP DRAWINGS.
L. INSTALL TRUSS HOLDOWNS PRIOR TO SHEATHING.
M. DO NOT ALTER TRUSSES IN FIELD WITHOUT WRITTEN DIRECTION FROM TRUSS ENGINEER. DO NOT CUT, DRILL, NOTCH OR REMOVE TRUSS MEMBERS.

SUBMITTALS

A. CONTRACTOR MUST REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR REVIEW. SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND/OR ENGINEER FOR REVIEW. FABRICATE AND CONSTRUCT FROM THE REVIEWED SUBMITTALS. ALLOW 10 BUSINESS DAYS FOR EACH SUBMITTAL REVIEW UNLESS AN ALTERNATE REVIEW TIME IS AGREED UPON BY ALL PARTIES. IN THE EVENT MULTIPLE SUBMITTALS ARE SUBMITTED AT THE SAME TIME, THE CONTRACTOR MUST INDICATE WHICH SUBMITTALS HAVE PRIORITY.
B. MAINTAIN A RECORD SET OF APPROVED SHOP DRAWINGS IN THE FIELD.
C. SUBMIT IN WRITING ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO, THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED, TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING" UNLESS IT IS CLEARLY NOTED SPECIFIC CHANGES ARE BEING REQUESTED.
D. PREPARE A LIST AND SCHEDULE OF ALL STRUCTURAL SUBMITTALS PRIOR TO CONSTRUCTION.
E. SUBMIT THE FOLLOWING SHOP DRAWINGS FOR THE ENGINEER'S REVIEW:
   1. CONCRETE MIX DESIGNS
   2. REINFORCING STEEL
   3. PREFABRICATED WOOD TRUSSES (1, 3)
F. SUBMIT ITEMS MARKED (1) SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMIT ITEMS MARKED (2) FOR OWNER'S RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. SUBMIT ITEMS MARKED (3) WITH DESIGN CALCULATIONS SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED.
   1. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
G. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEM TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.

ENGINEER OF RECORD NOTE:
(REMOVE THIS NOTE DURING THE SITE-ADAPT PROCESS)
E.O.R. TO REVIEW AND VERIFY ALL CALCULATIONS AND DETAILS, ALL DETAILS, DRAWINGS, DIAGRAMS, TABLES, NOTES, AND CALCULATIONS ARE SHOWN FOR FORMAT AND GENERAL DIRECTION ONLY AND DO NOT CONSTITUTE A FINAL DESIGN.

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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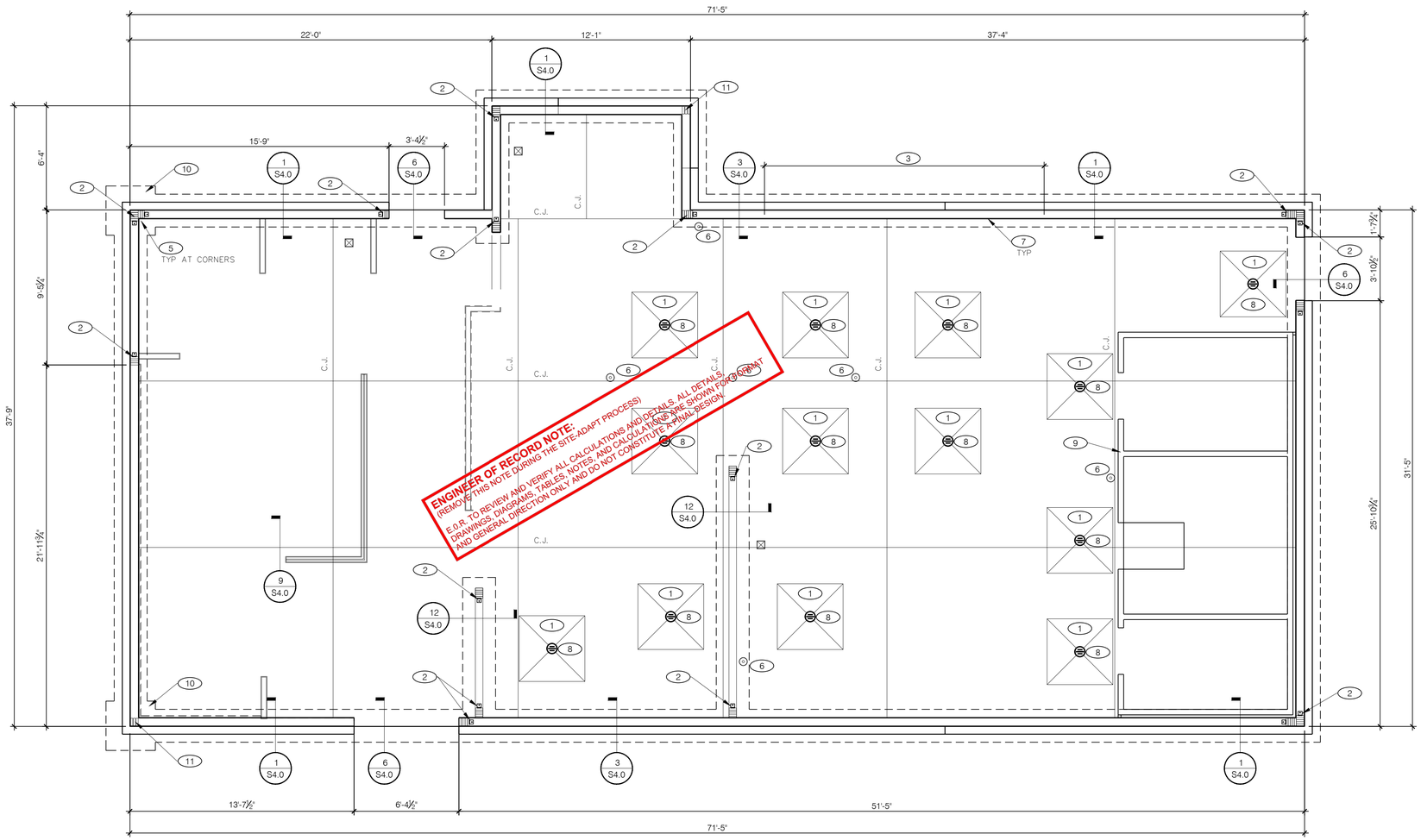
NG-30-22

GENERAL NOTES

S0.1

PLOT DATE: 30.01.2022

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

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

1. SLAB SHALL BE SLOPED 1/2" TO DRAIN AT 4'-0" x 4'-0" SLAB HOLD-OUTS. TYPICAL AT ALL FLOOR DRAINS, U.O.N. AT MOP SINK LOCATIONS; SEE KEYNOTE 8, THIS SHEET. COORDINATE WITH PLUMBING DRAWINGS FOR ROUGH-IN LOCATIONS.
2. SHEAR WALL HOLDOWN; REFER TO SHEAR WALL SCHEDULE ON S2.0 AND DETAILS ON S4.0.
3. METAL STUDS @ KITCHEN HOOD, ATTACH BASE PER 15/S4.0.
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/S2.0.
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 S4.0.
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
10. 3'-0"x3'-0"x12" THICK FOOTING, REF SECTION
11. 6X6 WOOD CORNER. COORDINATE W/ LOCAL STRUCTURAL REQUIREMENTS.

KEY NOTES N.T.S. B

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3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

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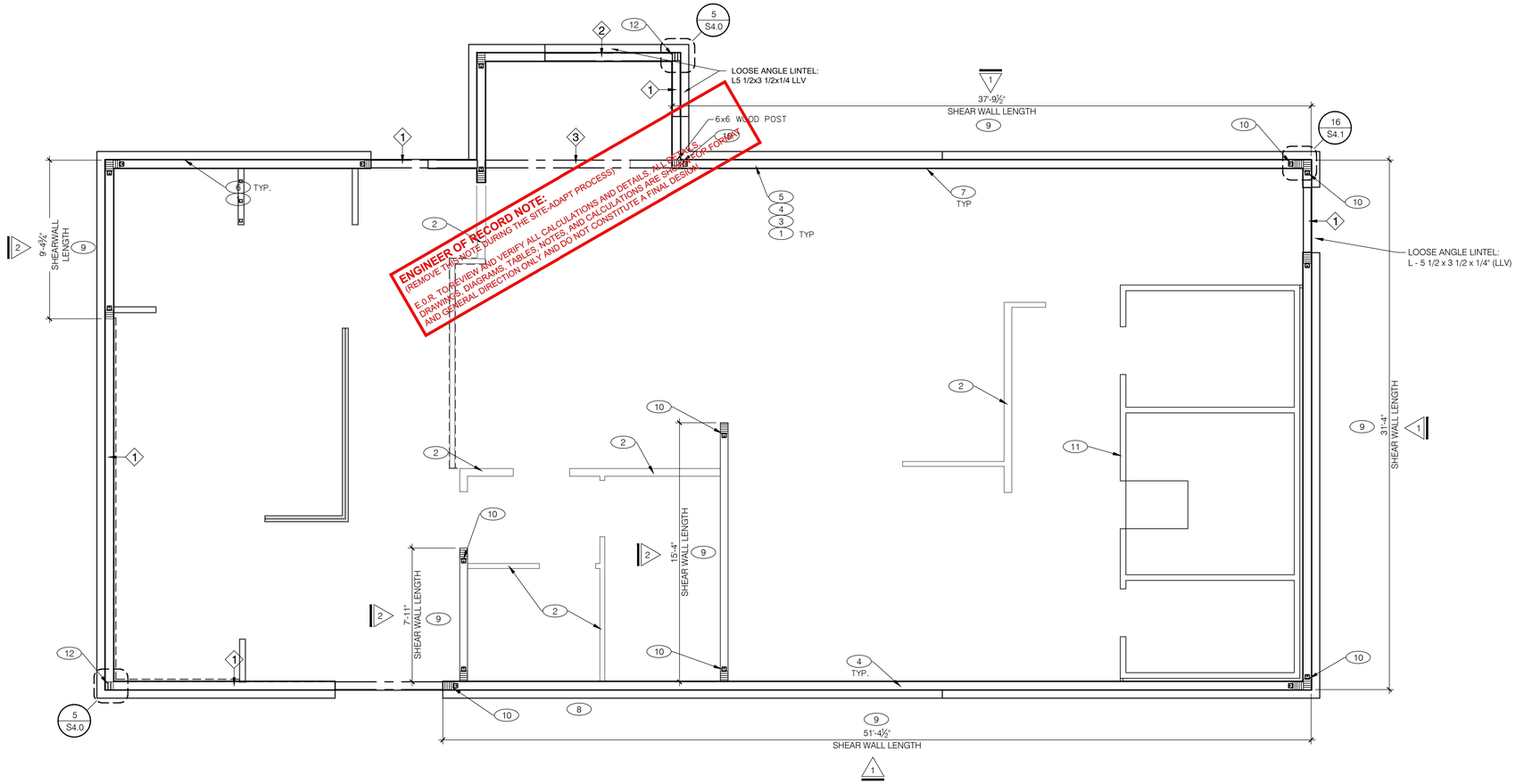
NG-30-22

FOUNDATION PLAN

S1.0

PLOT DATE: 30.01.2022

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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
3	———	(3) 1-3/4" x 14" LVL w/ 2x6 TOP AND BOTTOM

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

HEADER SCHEDULE AND NOTES **F**

SW	SHEATHING	EDGE	FIELD	HOLDOWN	PLATE / ANCHOR BOLT	REMARKS
1	15/32" CDX PLYWD, PS1 RATING, TYP	10d @ 6" O.C.	10d @ 12" O.C.	HDU4 5/8" Ø ANCHOR DRILL AND EPOXY 8" 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.	HDU11 1" Ø ANCHOR DRILL AND EPOXY 8" EMBED W/ HILTI RE 500	5/8" Ø TITEN HD (7" EMBED) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" Ø TITEN HD @32" OC W/ WASHER (7" EMBED)	NOT REQ'D

*** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

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

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

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/S4.1 AND WALL FRAMING NOTES.
3. (2) 2 x 6 TOP PLATES @ PARAPET; TYPICAL U.N.O. SPLICE PER 11/S4.1.
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. 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/S4.1 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, SEE SHEAR WALL SCHEDULE, THIS SHEET.
11. COOLER / FREEZER, BY SUPPLIER
12. 6x6 WOOD POST

KEY NOTES **B**

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WALL FRAMING & CANOPY PLAN

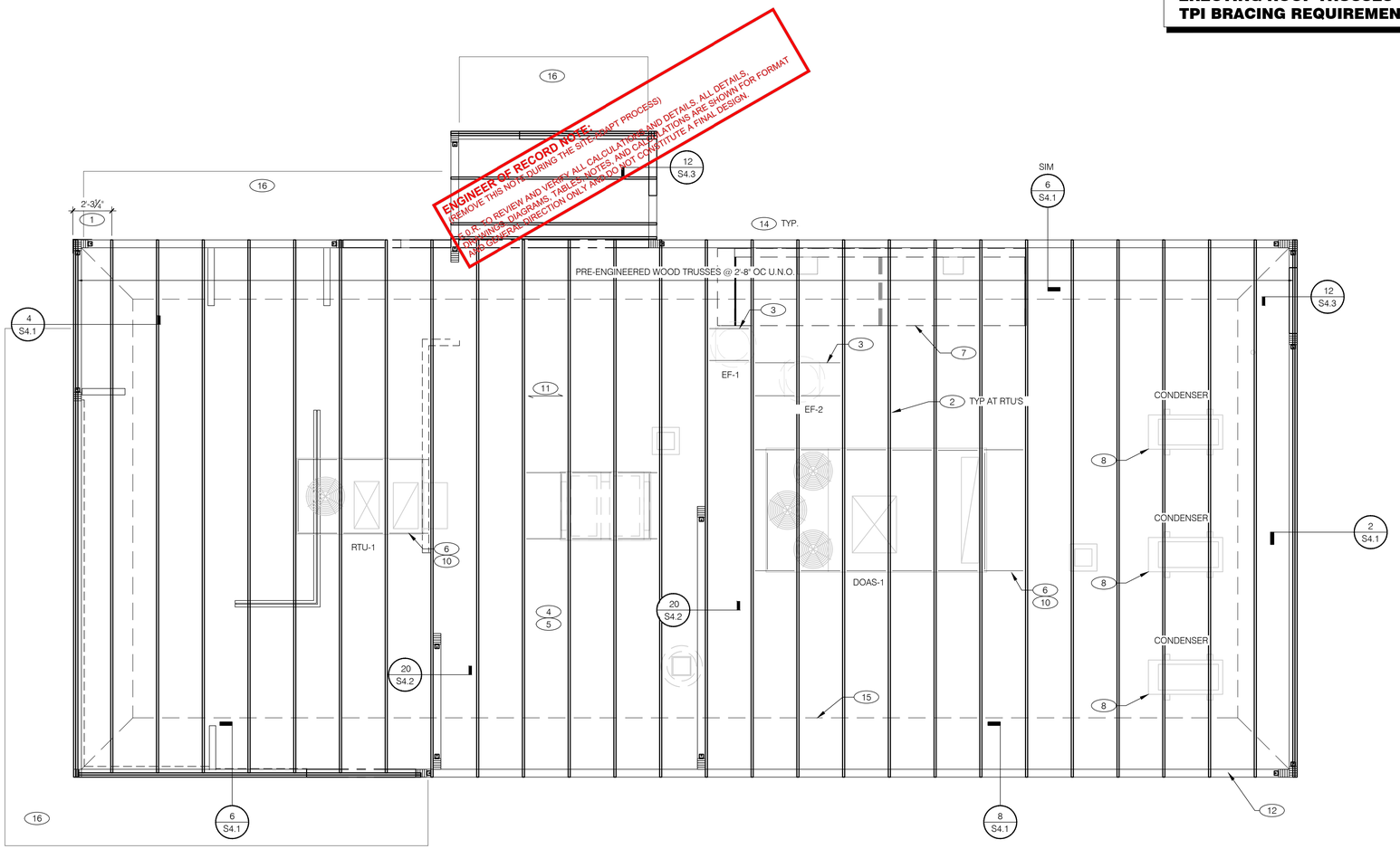
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ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS. VERIFY ROOF SLOPES W/ ARCHITECTURAL DRAWINGS.

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



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/S4.2 FOR DEFINITIONS.

NAILING SCHEDULE - ROOF **D**

ROOF FRAMING NOTES:

A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE BLOCKED WITH 2x4 INSTALLED FLAT. PLYWOOD METAL CLIPS ARE NOT PERMITTED. SEE DETAIL 8 / S4.2. 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.

C. DENOTES EXTENT OF PARAPET KICKERS @ 32" OC.

D. DENOTES EXTENT OF PARAPET KICKERS @ 16" OC.

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 / S4.2.

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

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

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

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

G. MANUFACTURERED ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 4 / S4.2.

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.

ROOF FRAMING NOTES **C**

1. STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS / DOUBLE TRUSS.
2. VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING, TYPICAL.
3. FRAMING FOR EXHAUST FAN CURB. VERIFY SIZE OF OPENING / FRAMING LOCATION WITH EXHUAST FAN MANUFACTURER and MECHANICAL DRAWINGS.
4. CONTINUOUS 2 x 4 WOOD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAXIMUM SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 12 / S4.1 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 / S4.2.
7. LOCATION OF HOODS. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAILS.
8. FRAMING FOR CONDENSER PLATFORM. REFER TO MECHANICAL SHEETS.
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/S3.0.
12. TRUSS BEARING (B.O. TRUSS) @ 11'-0" A.F.F. TYPICAL.
13. 2 x 6 DIAGONAL BRACING @ 4'-0" O.C. SEE DETAIL 2 / S4.1.
14. FRAMING FOR ROOF DRAIN; COORDINATE WITH ROOF DRAIN MANUFACTURER SPECIFICATIONS / REQUIREMENTS AND ARCH DRAWING FOR FINAL LOCATIONS.
15. INDICATES OUTLINE OF LOCATION OF KICKER FRAMING FOR PARAPET SUPPORT DESIGN PER LOCAL REQUIREMENTS.
16. CANOPIES BY VENDOR. COORDINATE WITH VENDOR AND KFC

KEY NOTES **B**

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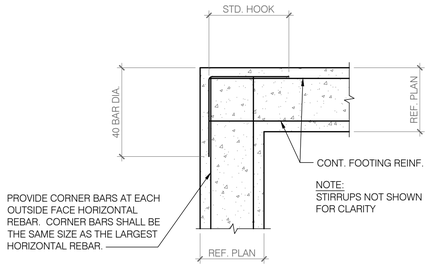
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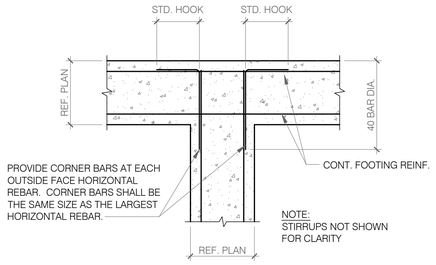
ROOF FRAMING PLAN

S3.0

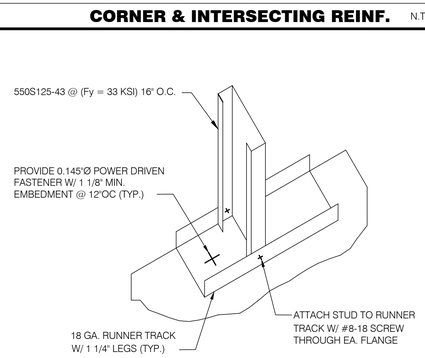
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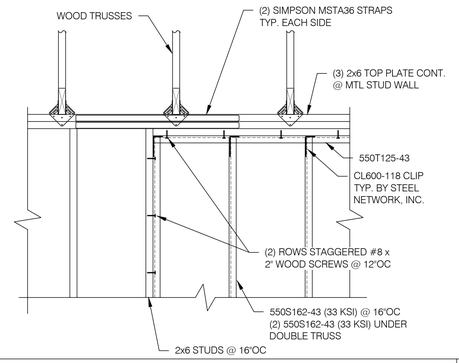




CORNER & INTERSECTING REINF. N.T.S. **14**

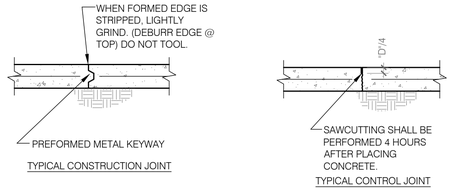


METAL STUD BASE CONNECTION N.T.S. **15**

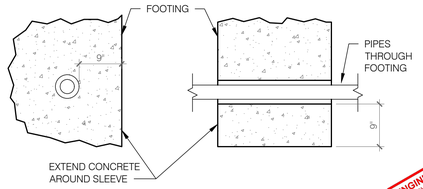


NON-COMBUSTIBLE WALL FRAMING N.T.S. **16**

NOTE:
1. FILL JOINT IF CRACK IS OVER 1/8" WIDE
2. JOINT SPACING NOT EXCEED 12'-0" OC

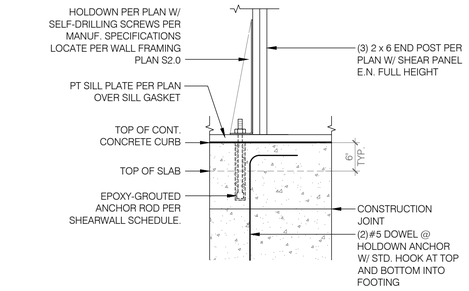


TYP. CONST. & CONTROL JOINT DETAILS N.T.S. **9**



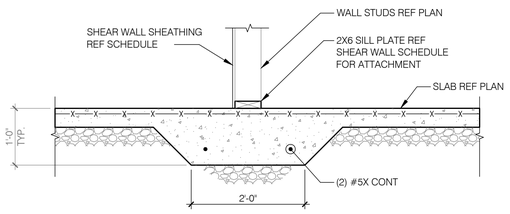
NOTES
1. SLEEVES SHALL BE MINIMUM 1" CLEAR ALL AROUND PIPES, CONDUIT, ETC.
2. COORD REQUIREMENTS OF SLAB VENTING WITH SOILS ENGINEER, IF REQUIRED.

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

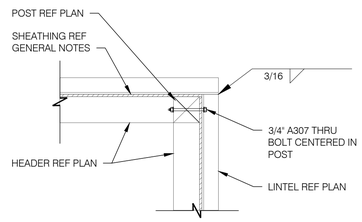


NOTE: REFER TO SHEAR WALL SCHEDULE, S2.0.

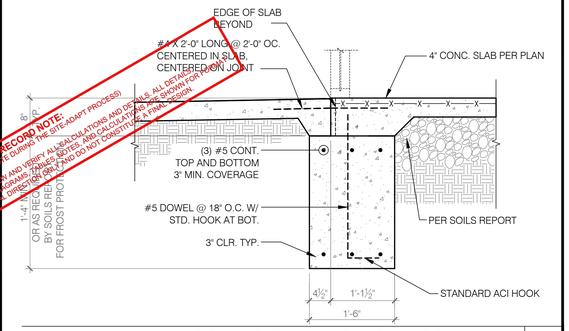
HDU SHEARWALL HOLDDOWN NT.S. **11**



THICKENED SLAB AT INTERIOR WALL 3/4" = 1'-0" **12**

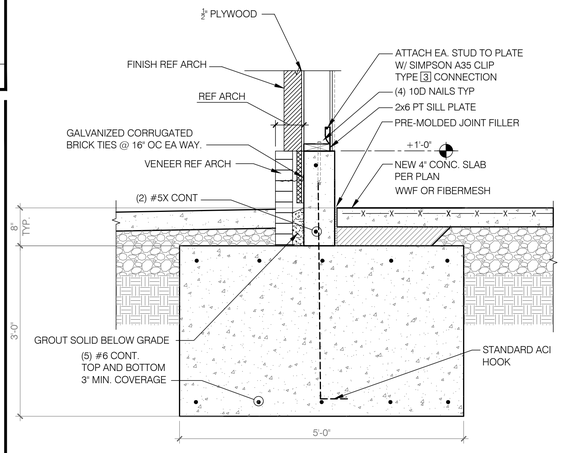


LINTEL DETAIL 3/4" = 1'-0" **5**

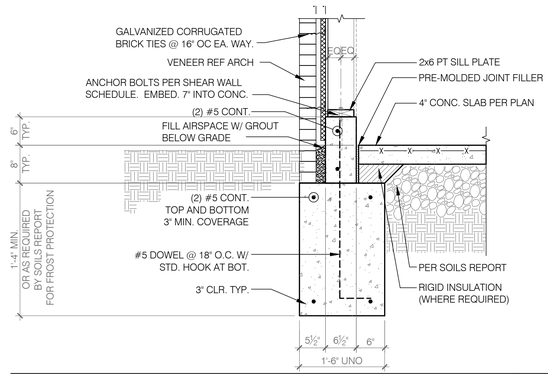


ENGINEER OF RECORD NOTE:
REMOVE THIS NOTE DURING THE SITE-ADAPT PROCESS)
E.O.R. TO REVIEW AND VERIFY ALL CALCULATIONS AND DETAILS, ALL DETAILS SHOWN ON THESE DRAWINGS, INCLUDING NOTES, DIMENSIONS AND CALCULATIONS, ARE SCHEMATIC AND GENERAL IN NATURE AND DO NOT CONSTITUTE A FINAL DESIGN.

FOOTING @ WINDOW OR DOOR **6**

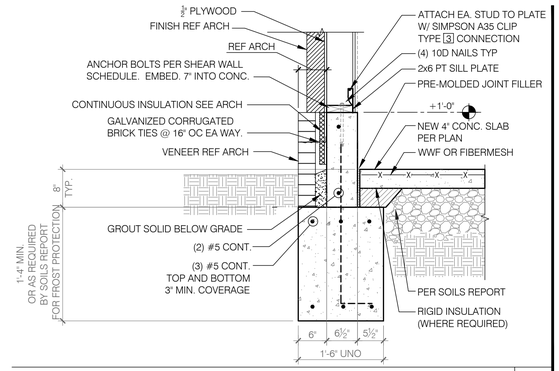


SHEAR WALL FOOTING 3/4" = 1'-0" **8**



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

NOT USED **2**



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

NOT USED **4**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

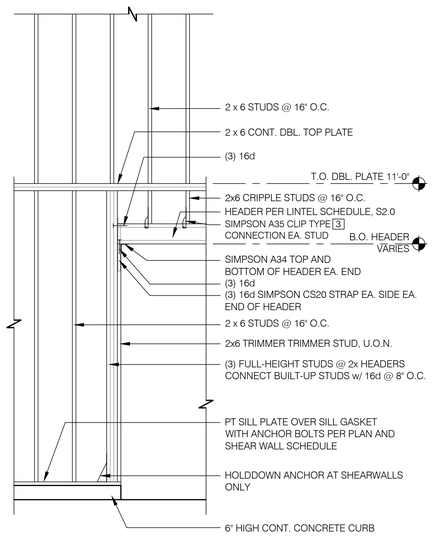
NG-30-22

STRUCTURAL DETAILS (FOUNDATION)

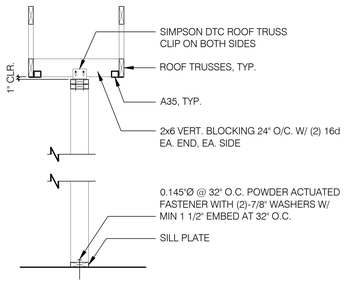
S4.0

PLOT DATE: 30.01.2022

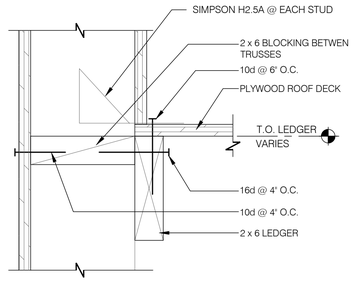
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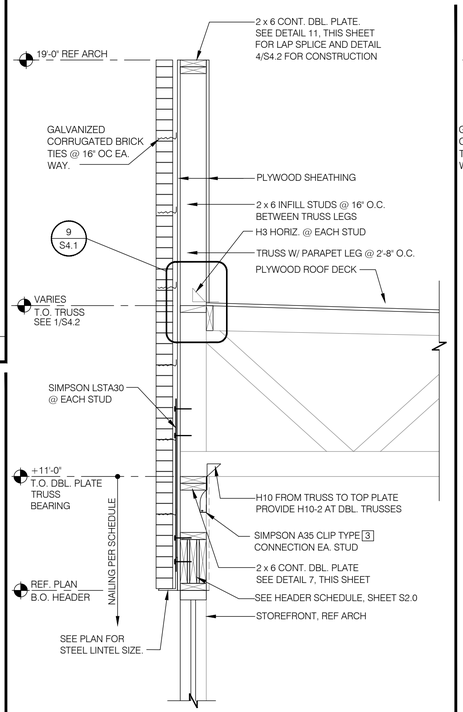
FRAMING ELEVATION @ OPENING 3/8"=1'-0" | **18**



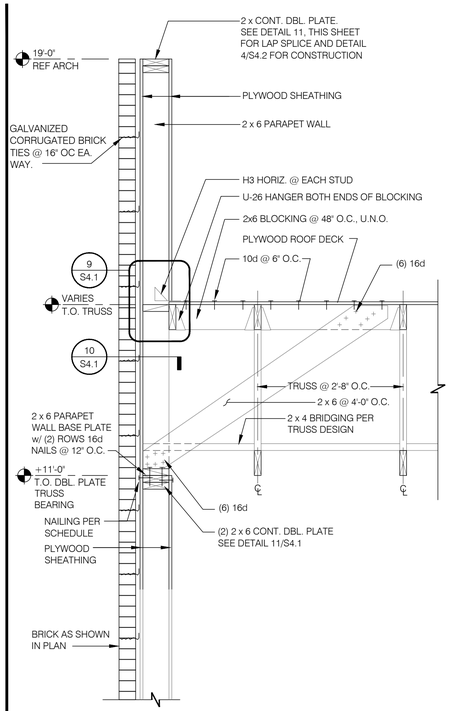
SUPPORT- PARALLEL TO TRUSS 1/2" = 1'-0" | **13**



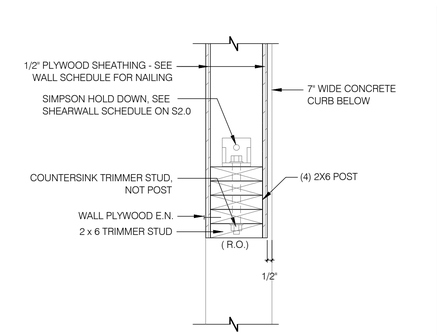
LEDGER DETAIL 3" = 1'-0" | **9**



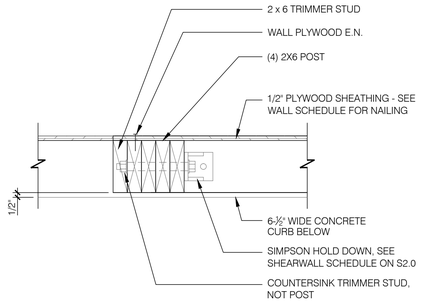
SIDE WALLS @ TRUSS 3/4" = 1'-0" | **6**



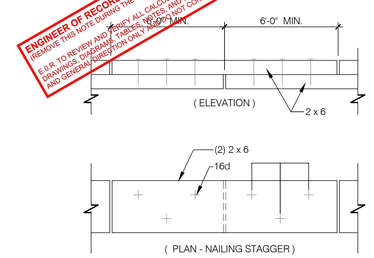
REAR WALLS @ TRUSS 3/4" = 1'-0" | **2**



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

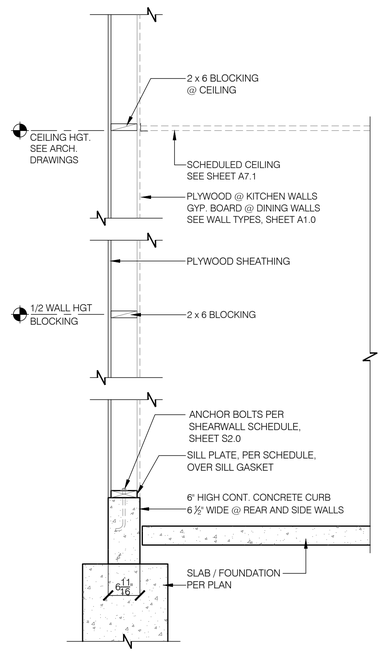


SW HOLD DOWN: END (SIDE) 1-1/2" = 1'-0" | **15**

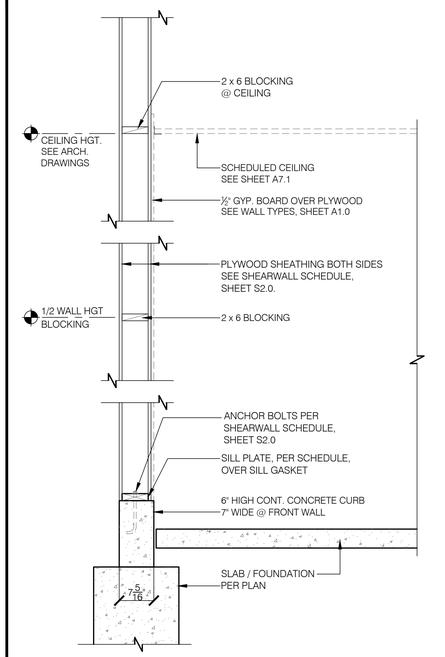


TYPICAL - ALL DOUBLE PLATE CONDITIONS - U.O.N.

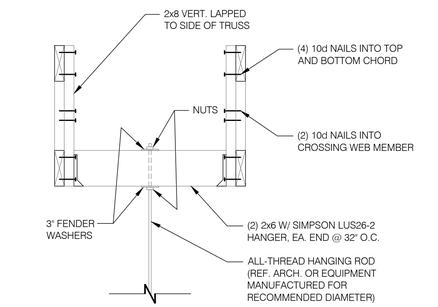
PLATE LAP DETAIL N.T.S. | **11**



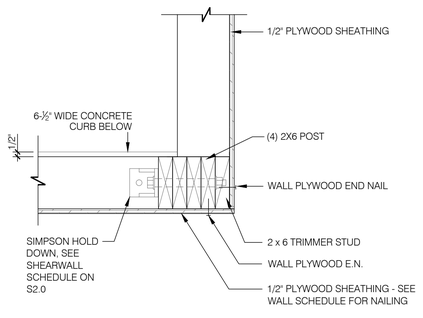
SIDE + REAR WALLS FRAMING 3/4" = 1'-0" | **8**



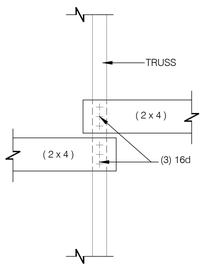
FRONT WALL FRAMING 3/4" = 1'-0" | **4**



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



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



NOTE: REFER TO TRUSS ELEVATION SHEET S4.2

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

ENGINEER OF RECORD NOTE:
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FOR REFERENCE DETAILS ONLY - NOT FOR CONSTRUCTION
FOR FORMAT

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KFC

123 MAIN STREET
ANYTOWN, USA 00000

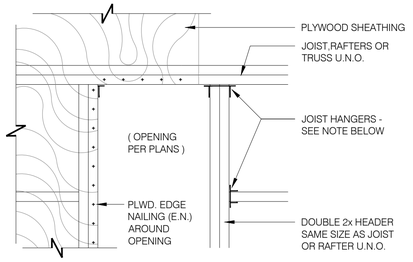
NG-30-22

STRUCTURAL DETAILS (FRAMING)

S4.1

PLOT DATE: 30.01.2022

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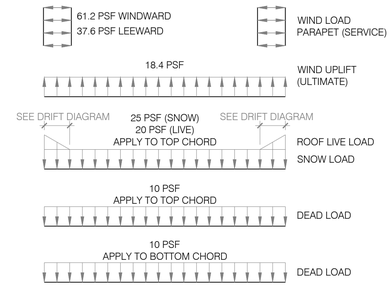
NOTE:
HANGERS SHALL BE "SIMPSON" STANDARD "U" @ ROOF. DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS FOLLOWS:
1. 10" OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED
2. MORE THAN 10" - (2)16d @ 12" O.C.

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

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

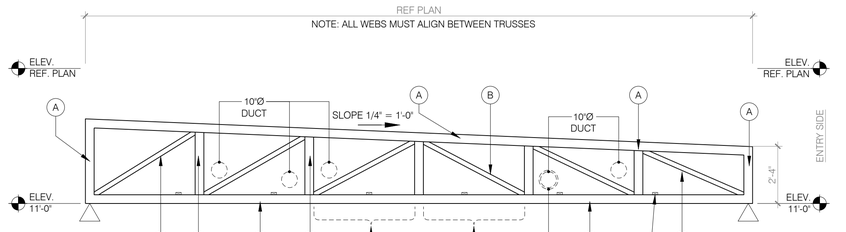
NOTES:
1. REFER TO TRUSS-TYPE ELEVATION 1, THIS SHEET. PROVIDE DOUBLE THICKNESS TRUSS (WHERE INDICATED "XX") AS REQUIRED BY TRUSS DESIGN. COORDINATE TRUSS-TYPES WITH SHEET S3.0.
2. HOLDDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
3. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
4. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.

TRUSS SCHEDULE 13



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

TRUSS DESIGN CRITERIA N.T.S. 9

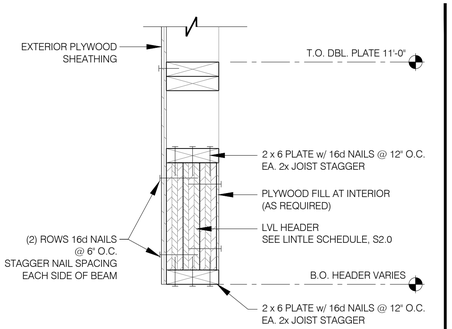


NOTES:
1. TRUSS DEPTH TO BE DETERMINED BY SITE-ADAPT ENGINEER OF RECORD.
2. REFER TO SHEET M2.0 FOR COORDINATION OF SUPPLY AIR DUCTS WITHIN FRONT OF HOUSE TRUSS WEB SPACE.
3. PARAPET FRAMING MAY BE INTEGRATED INTO PRE-ENGINEERED TRUSS ENDWALL AT CONTRACTORS OPTION

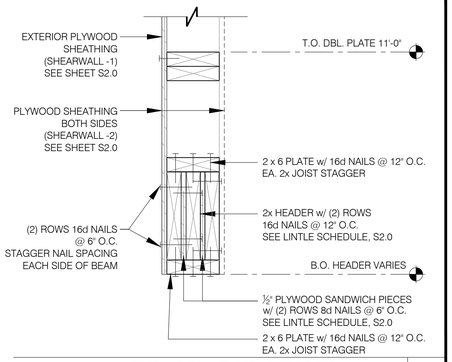
CONT 2X4 LATERAL BRACING AT 5'-0"O.C. MIN. OR PER TRUSS DESIGN LAID FLAT & NAILED TO TOP OF BOTTOM CHORD. APPLY MOST STRINGENT STANDARD.

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

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



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



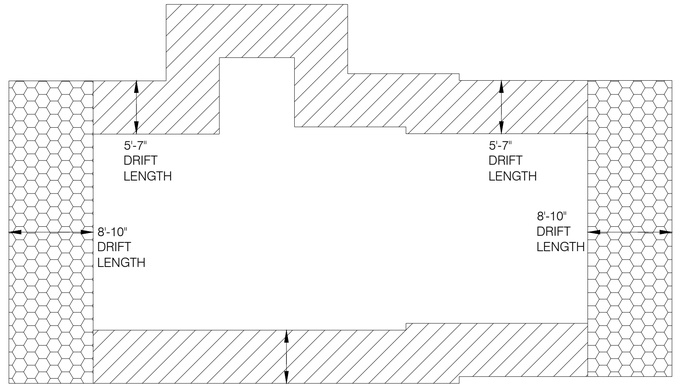
TYP. BUILT-UP HEADER 1 1/2" = 1'-0" | 14

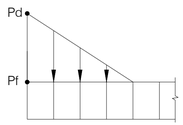
EQUIPMENT	DESIGN WEIGHT	NOTES
HVAC UNIT - RTU-1		A, B
HVAC UNIT - RTU-2		A, B
EXHAUST FAN - EF-1		A
EXHAUST FAN - EF-2		A
EXHAUST FAN - EF-3		A
EXHAUST FAN - EF-4		A
EXHAUST FAN - EF-5		A
HOOD #1		
HOOD #2		
ICE CONDENSER #1		
ICE CONDENSER #2		
COOLER CONDENSER		
MUZAK DISH, SLED & BALLAST - ALLOW FOR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

NOTE:
A. ALL DESIGN WEIGHTS INCLUDE CURB
B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE, SHEET M0.1

ENGINEER OF RECORD NOTE:
REMOVE THIS NOTE PRIOR TO SUBMITTAL
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(FOR SITE-ADAPT PROCESS)

ROOF TOP EQUIPMENT WEIGHTS 10



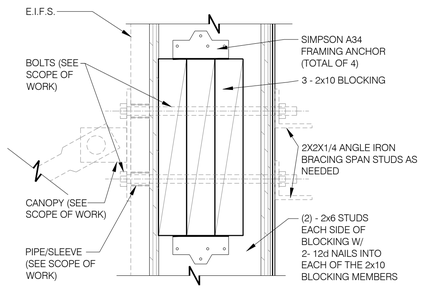


Pd = 41 PSF

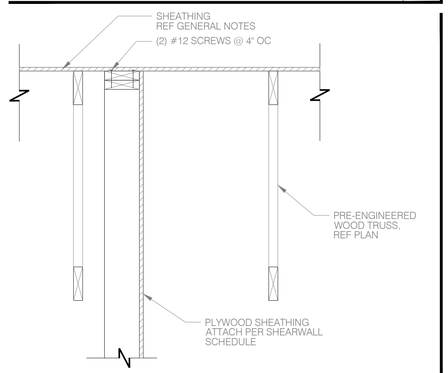
Pd = 26 PSF

Pf = 15 PSF (FOR ENTIRE ROOF)

SNOW DRIFT LOADING N.T.S. 3



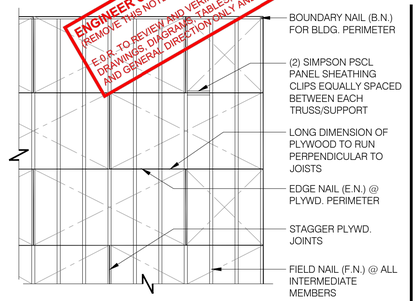
SIGNAGE ATTACHMENT DETAIL 3" = 1'-0" | 19



INTERIOR SHEAR WALL SECTION 20

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

NAILING SCHEDULE 16

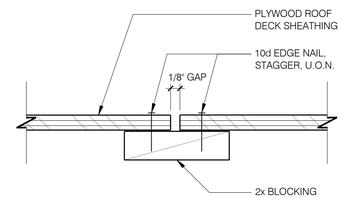


NOTES:
1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
2. MIN. 3/8" NAILING EDGE DISTANCE.
3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

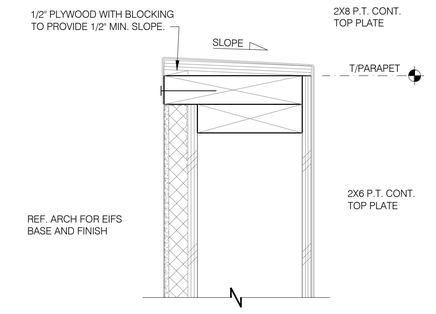
DEFINITIONS:
BN DENOTES BOUNDARY NAILING
EN DENOTES EDGE NAILING
FN DENOTES FIELD NAILING

ROOF NAILING PLAN N.T.S. 11

NOT USED 12



PLYWOOD EDGE BLOCKING N.T.S. 8



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

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	013022 95% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

STRUCTURAL DETAILS (ROOF)

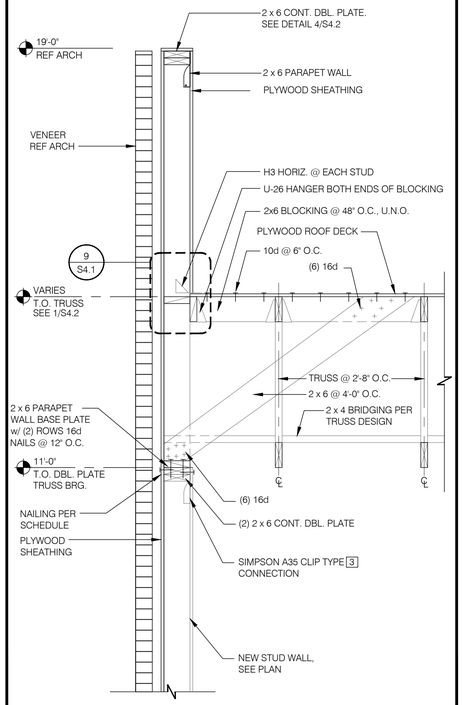
S4.2

PLOT DATE: 30.01.2022

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NOT USED | 14

NOT USED | 6



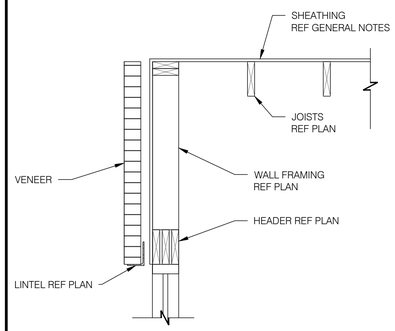
TOWER FRONT WALL @ TRUSS 3/4" = 1'-0" | 2

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(REMOVE THIS NOTE DURING THE SITE-ADAPT PROCESS)
E.O.R. TO REVIEW AND VERIFY ALL CALCULATIONS AND DETAILS. ALL DETAILS, DRAWINGS, DIAGRAMS, TABLES, NOTES, AND CALCULATIONS ARE SHOWN FOR FORMAT AND GENERAL DIRECTION ONLY AND DO NOT CONSTITUTE A FINAL DESIGN.

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CONSULTANT'S SEAL

NOT USED | 16



SECTION 3/4" = 1'-0" | 12

NOT USED | 4

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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123 MAIN STREET
ANYTOWN, USA 00000

NG-30-22

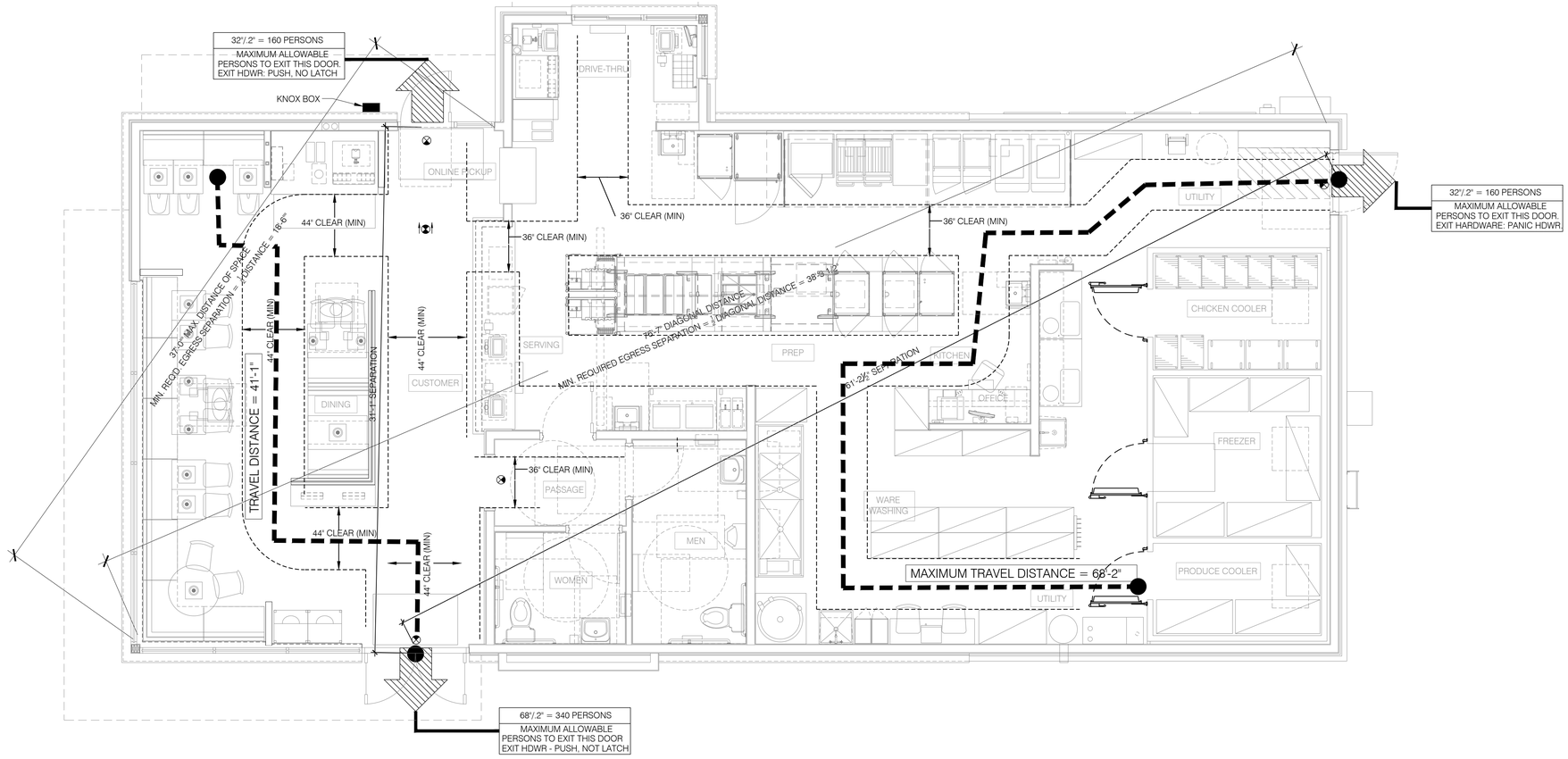
STRUCTURAL DETAILS (FRAMING)

S4.3

PLOT DATE: 30.01.2022

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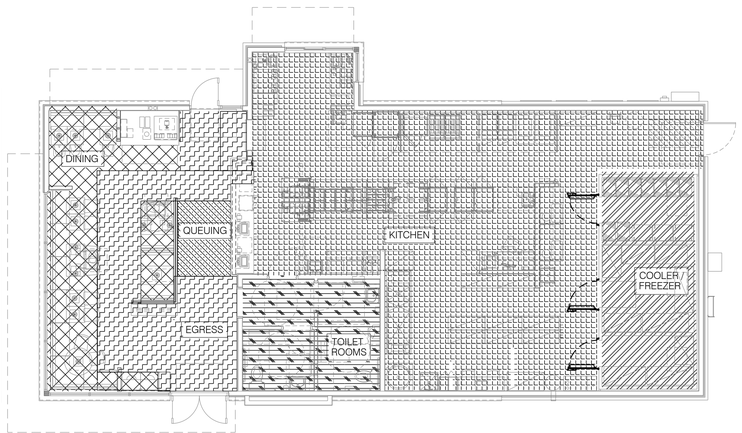
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12 11 10 9 8 7 6 5 4 3 2 1

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

OCCUPANT LEGEND	
DINING TABLES & CHAIRS 30 SEATS = 30 OCCUPANTS	
EGRESS ADA ACCESSIBILITY / EGRESS SPACE 82 SF NET EGRESS SPACE = NA	
QUEUING CUSTOMER STANDING SPACE 59 SF NET / 5 = 12 OCCUPANTS	
TOILET ROOMS CUSTOMER / EMPLOYEE SPACE 198 SF ACCESSORY SPACE = NA	
KITCHEN EMPLOYEE SPACE 1138 SF NET / 200 = 6 OCCUPANTS	
COOLER / FREEZER EQUIPMENT 240 SF NET / 300 = 1 OCCUPANT	
TOTAL OCCUPANT COUNT 49	



OCCUPANT LOAD KEY PLAN **B**

PROJECT PROPERTIES

BUILDING PLAN REVIEW:
NEW ASSEMBLY (A-2) RESTAURANT

		BUILDING PROPERTIES
1.	OCCUPANCY CLASSIFICATION:	
	(FBC)	BUSINESS
	(NFPA 101)	
2.	CONSTRUCTION TYPE:	
	(FBC) A=PROTECTED B=UNPROTECTED	TYPE V-B (000) NON SPRINKLERED
	(NFPA 101)	
3.	AREA & HEIGHT LIMITATIONS:	
	MAX HEIGHT = 40'-0 (2020 FBC)	STORIES PROVIDED = 1 STORY
	MAX STORIES = 1 STORY (2020 FBC)	HEIGHT PROVIDED = 00'-0"
	MAX AREA = 6,000 S.F. (2020 FBC)	AREA PROVIDED: = 2,443 SF
4.	FIRE SUPPRESSION / ALARM:	
	SUPPRESSION:	NON SPRINKLERED
5.	FIRE PROTECTION REQUIREMENTS FOR BUILDING ELEMENTS (HOURS): (2020 FBC)	
	STRUCTURAL FRAME:	
	COLUMNS & GIRDERS, BEAMS, TRUSSES	0 HOUR
	BEARING WALLS:	
	EXTERIOR	0 HOUR
	INTERIOR	0 HOUR
	NONBEARING WALLS & PARTITIONS:	
	EXTERIOR	(SEE 2018 IBC TABLE 602)
	NONBEARING WALLS & PARTITIONS:	
	INTERIOR	0 HOUR
	FLOOR CONSTRUCTION:	
	INCLUDING SUPPORTING BEAMS & JOISTS	0 HOUR
	ROOF CONSTRUCTION:	
	INCLUDING SUPPORTING BEAMS & JOISTS	0 HOUR
	FIRE-RESISTANT RATING FOR EXTERIOR WALLS: (2020 FBC)	
	X < 5	1 HOUR
	5 ≤ X < 10	1 HOUR
	10 ≤ X < 30	0 HOUR
	X ≥ 30	0 HOUR

PROJECT PROPERTIES (CONT.)

BUILDING PLAN REVIEW:
NEW BUSINESS - RESTAURANT

		BUILDING PROPERTIES
	VERTICAL SHAFTS: (2020 FBC & NFPA)	N/A
	INCIDENTAL USE: (2020 FBC)	N/A
	TENANT SEPARATION: (2020 FBC)	N/A
6.	OCCUPANT LOAD:	
	(NFPA TABLE 7.3.1.2)	49 OCCUPANTS TOTAL
7.	EXIT CAPACITY:	
	(NFPA TABLE 7.3.3.1)	49 x 0.2 = 9.8" REQUIRED
	.2" PER OCCUPANT (LEVEL COMPONENTS): (FLOORS)	96" PROVIDED
	.3" PER OCCUPANT (STAIRWAYS):	N/A
8.	COMMON PATH, DEAD-END, & TRAVEL DISTANCE LIMITS (NFPA TABLE A.7.6) (2020 FBC)	
	COMMON PATH LIMIT: 100 FT. (NON SPRINKLED)	N/A
	DEAD-END LIMIT: 20 FT. (NON SPRINKLED)	N/A
	TRAVEL DISTANCE LIMIT: 200 FT. (NON SPRINKLED)	68'-2" < 200 FT.

FIRE PROTECTION LEGEND:

⊗	EMERGENCY EXIT SIGN

NOTES

1. REFERENCE REFLECTED CEILING PLAN & ELECTRICAL DRAWINGS FOR ADDITIONAL LIFE SAFETY REQUIREMENTS.
2. SEE A1.0 GENERAL NOTE 'A' FOR FIRE EXTINGUISHER REQUIREMENTS.
3. NO FIRE RATED WALLS ARE REQUIRED FOR TYPE VB BUILDINGS.
4. SEE SHEET A1.1 FOR DOOR HARDWARE REQUIREMENTS.

BUILDING PROPERITES **C**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

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3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
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SITE NUMBER:	xxx - xxx
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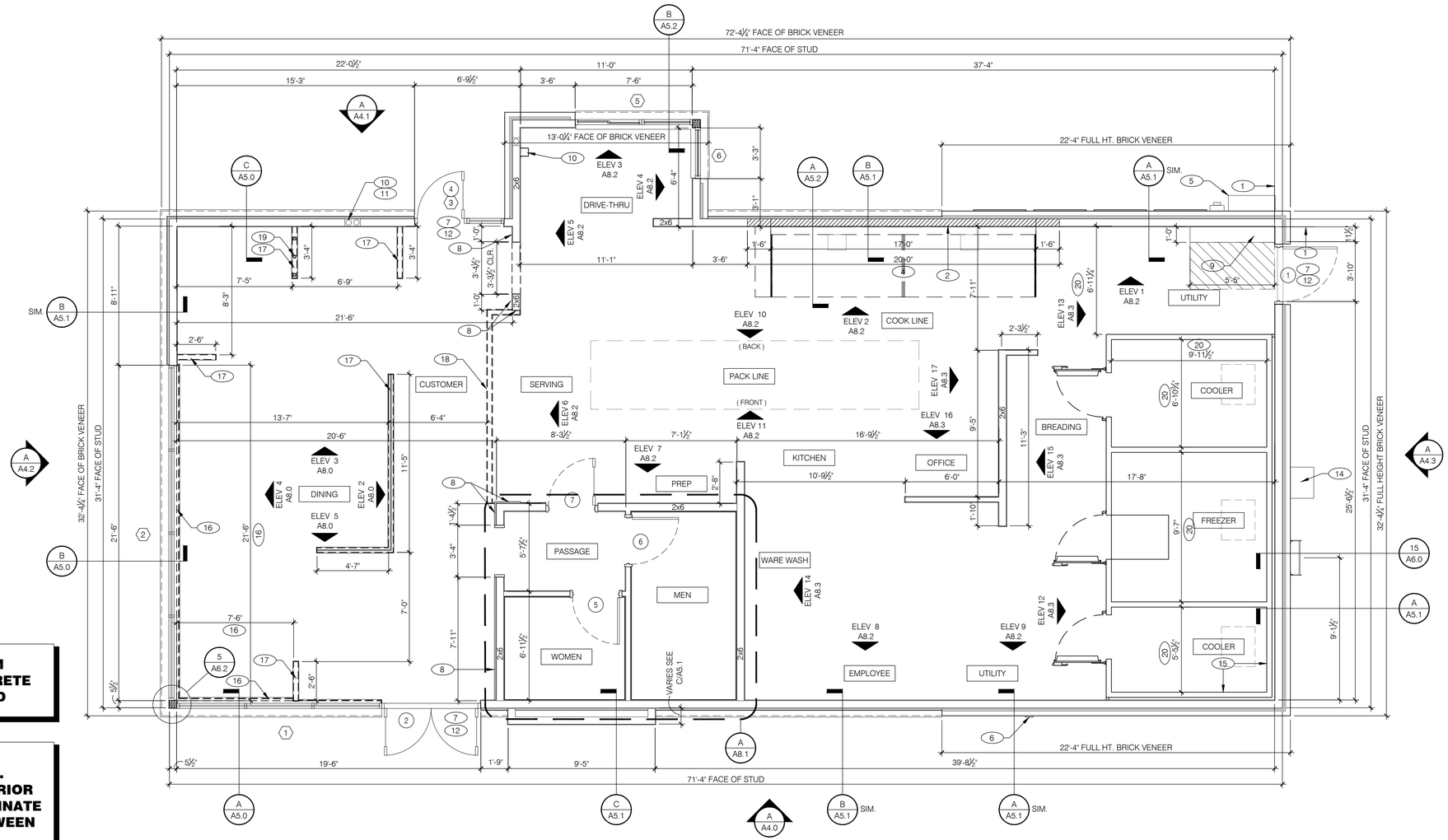
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NG-30-22

LIFE SAFETY PLAN

A0.1

PLOT DATE: 30.01.2022



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

NOTE:
SEE WALL TYPE SCHED. E/A1.0. FOR WALL INTERIOR FINISH TYPES. COORDINATE WALL LOCATIONS BETWEEN PLAN & SCHEDULES.

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

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

NOT USED F

WALL TYPES E

W-1 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, A8.0, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

W-2 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 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 SIDE).
SEE SHEETS A7.2, A8.0, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

W-3 ELECTRICAL PANEL WALL:
2x6 WOOD STUDS AT 16" O.C., SECURED TO 6" HIGH x 6" WIDE CONCRETE CURB.
½" PLYWOOD FROM TOP OF CURB TO 2" ABOVE CEILING; ONE SIDE.
SEE SHEETS A7.2, A8.0, A8.1, A8.2, A8.3 (INTERIOR FINISHES).

W-4 INTERIOR SHEAR WALL:
REFER TO STRUCTURAL DRAWINGS

FLOOR PLAN NOTES D

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. COORDINATE FRAMING ABOVE CEILING WITH HVAC DUCT WORK.
D. SEE SHEET A8.1 FOR ENLARGED RESTROOM PLAN.

KEY NOTES B

1. STARTING POINT: ALL SUB-TRADES SHALL USE THIS POINT OF ORIGIN FOR LAY-OUT (INSIDE CORNER OF CONCRETE CURB).
   INSIDE FACE OF CURB TO FACE OF CURB DIMENSIONS:
   > 30'-4" (SIDE TO SIDE).
   > 70'-4 (FRONT TO BACK).
2. 20 GA. S.S. PANEL BEHIND HOOD. REFER TO DETAILS 2/M3.0.
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 CT CABINET AND METER. REFER TO ELECTRICAL DRAWINGS.
6. CO2 FILL BOX LOCATION.
7. METAL THRESHOLD.
8. TEXTURE PLUS FAUX BRICK WALL PANELS (REFER TO INTERIOR ELEVATIONS)
9. ELECTRICAL MODULAR SWITCH BOARD MDP, A, B, AND C; REFER TO ELECTRICAL DRAWINGS.
10. SYRUP / FILTERED WATER TUBE BUNDLES IN CHASE WALL (DINING) AND SS WALL-MOUNTED CHASE (DRIVE-THRU).
11. 8" x 12" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL OPENING with DRINK STATION EQUIPMENT SUPPLIER. SEE DETAILS 1, 4 AND 6 / A6.1. 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. COOLER PANELS (MAINTAIN 2" AIR GAP BETWEEN PANELS AND WALL)
16. FURR OUT WALL BEHIND SEATING W/ 2X2 FURRING @ 16" O.C. SHEATH AS SCHEDULED.
17. GC-BUILT LOW WALL 3'-8" FINISH HT. WITH WALL CAP AND SUPPORT COLUMN BOLTED INTO SLAB. CLARK DIETRICH LGPW-36 OR EQUAL AT NON-SUPPORTED END(S) . SEE INTERIOR ELEVATIONS FOR FINISH INFORMATION.
18. LOW WALL BENEATH SERVING COUNTER. SEE INTERIOR ELEVATIONS FOR FINISH INFORMATION.
19. METAL POST DIVIDERS TO CEILING. SEE SHEET A2.0.
20. CONFIRM AND COORDINATE DIMENSIONS WITH VENDOR.

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CONTRACT DATE:	xx.xx.xxxx
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SITE NUMBER:	xxx - xxx
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NG-30-22

FLOOR PLAN DIMENSIONS & WALL TYPES

A1.0

PLOT DATE: 30.01.2022

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NOT USED 10

GENERAL NOTES:

1. LOW-E COATING APPLICATION TO GLAZING IS OPTIONAL / RECOMMENDED TO REDUCE SOLAR HEAT GAIN AND ENERGY USE. COORDINATION OF LOW-E COATING APPLICATION SHALL BE DETERMINED BY THE SITE-ADAPT CONSULTANT, GLAZING SUPPLIER AND (ANY) MUNICIPAL REQUIREMENTS.
2. NOT USED.
3. VERIFY ANY SITE-SPECIFIC REQUIREMENTS FOR TEMPERED GLASS (PER LOCAL CODE).
4. OPTIONAL INTERIOR WINDOW SHADES:

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

   VERIFY LOCATION / QUANTITY / EXTENT WITH OWNER

KEYNOTES:

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

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

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

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

GLAZING TYPES 7

GENERAL NOTES:

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

NATIONAL ACCOUNT SUPPLIER

SECURITY DOOR + INTERIOR DOORS, FRAMES & HARDWARE

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

NOTES 4

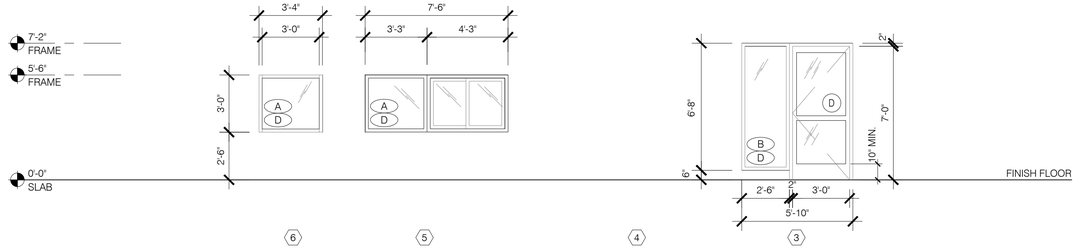
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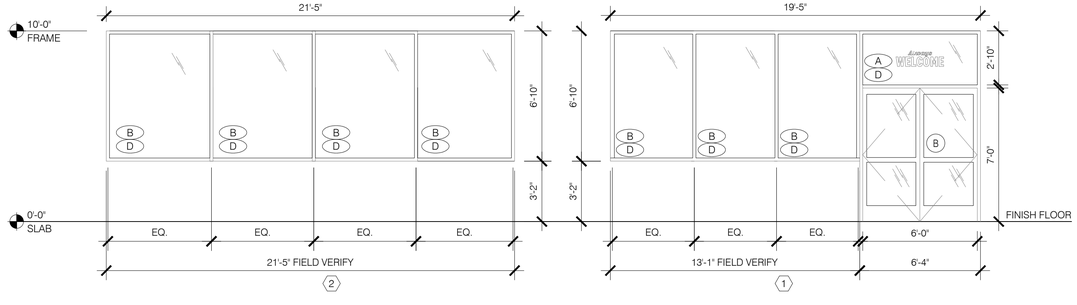
1. LAMINATE ON DOORS 5, 6 and 7; PAINT FRAMES 5, 6 and 7. REFER TO FINISH SCHEDULE, SHEET A7.2.
2. ALL HM FRAMES SHALL BE 16 GA STEEL U.O.N.
3. ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT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

DOOR SCHEDULE NOTES 1

DOOR NO.	DOOR SIZE	TYPE	DOOR	FRAME	BUTTS 1	BUTTS 2	BUTTS 3	BUTTS 4	LOCKS 1	LOCKS 2	LOCKS 3	LOCKS 4	LOCKS 5	LOCKS 6	CLOSERS 1	CLOSERS 2	CLOSERS 3	KICKPLATE 1	KICKPLATE 2	KICKPLATE 3	THRESHOLD 1	THRESHOLD 2	THRESHOLD 3	DOOR STOP 1	DOOR STOP 2	DOOR STOP 3	PUSH 1	PUSH 2	PULL 1	PULL 2	MISCELLANEOUS 1	MISCELLANEOUS 2	MISCELLANEOUS 3	MISCELLANEOUS 4	MISCELLANEOUS 5	MISCELLANEOUS 6	DETAIL LOCATIONS HEAD	DETAIL LOCATIONS JAMB	DETAIL LOCATIONS SILL	REFERENCE NOTES
		SEE DOOR TYPES, THIS SHEET	SEE DOOR TYPES, THIS SHEET	SEE DOOR TYPES, THIS SHEET	ONE PAIR OFFSET PIVOTS, TOP + BOTTOM, per DOOR MFR.	1 1/2 PR. BOMMER # 5000-450, 4-1/2" x 4-1/2"	CONTINUOUS HINGE INCLUDED IN PACKAGE	DOUBLE SWING HINGE INCLUDED IN PACKAGE	YALE B-PB5407 LNIC OFFICE	FULL LENGTH LATCH PROTECTOR INCL. IN PACKAGE	PANIC HARDWARE INCLUDED IN PACKAGE	FLUSH BOLT/DEAD BOLT BY MFR AS REQUIRED			I.D.C. 8050	CLOSER INCLUDED IN PACKAGE	DORMA 7414 ARP-SNB689	STAINLESS STEEL 10" x .050 X 2" L.T.D.W. **	KICKPLATE INCLUDED IN PACKAGE		ACCESSIBLE ALUM. THRESHOLD BY DOOR MFR.	THRESHOLD INCLUDED IN PACKAGE					WALL STOP - ROCKWOOD 409	PUSH PLATE CHMI BUCKET (OPTIONAL - DOOR TYPES A, B)	PUSH PLATE ROCKWOOD 70F - 8" x 16"	PULL PLATE CHMI BUCKET (OPTIONAL - DOOR TYPES A, B)	PULL PLATE ROCKWOOD 70C x 107 - 4" x 16"	STD. ADJUSTABLE DOOR SWEEP PER DOOR MFR.	SWEEP (VISTA 231 STD) NGP 101VA	PEST CONTROL DOOR SWEEP: SEALEZE / #D480CLA09BL	PROVIDE A SIGN STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"	DOOR SIGN (ADA ACCESSIBLE)	DOOR SIGN (GENDER)				
1	3'-6" x 7'-0" x 1-3/4"	F	HM	HM			X			X	X			X					X			X								X						17/A6.0	18/A6.0	16/A6.0	6, 9, 12
2	2 - 3'-0" x 7'-0" x 1-3/4"	B	AL	AL	X							X		X					X			X									X	X	X						1/A6.0	7, 9, 13, 15, 16
3	NOT USED																																								
4	3'-0" x 7'-0" x 1-3/4"	D	AL	AL	X							X		X					X			X									X	X	X				12/A6.1	12/A6.1	1/A6.0	7, 9, 13, 15, 16
5	3'-0" x 6'-8" x 1-3/4"	E	WD	HM		X								X				X				X					X		X		X					X	X	7/A6.0	7/A6.0	11/A6.1	1, 2, 5, 8, 9, 19, 11, 14
6	3'-0" x 6'-8" x 1-3/4"	E	WD	HM		X								X			X	X				X					X		X		X					X	X	7/A6.0	7/A6.0	11/A6.1	1, 2, 5, 8, 9, 10, 11, 14
7	3'-0" x 7'-0"" x 1-3/4"	A	WD	HM																																			7/A6.0	7/A6.0	-	1, 2, 5, 8, 9

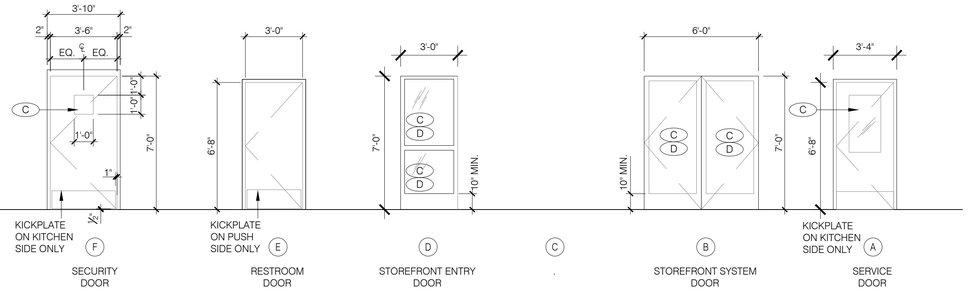
DOOR SCHEDULE 2





NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

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



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

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

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

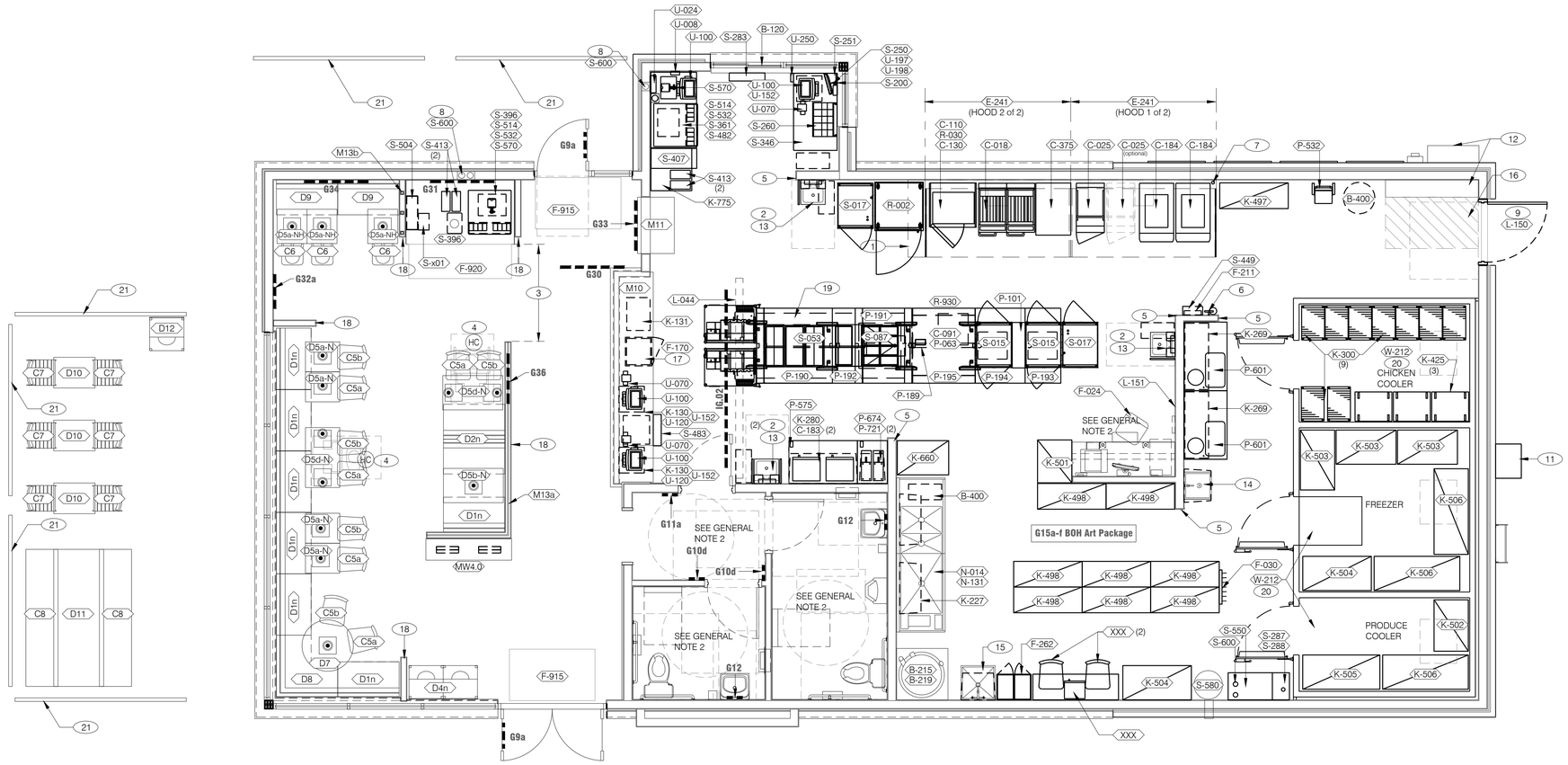
NG-30-22

DOOR and WINDOW ELEVATIONS SCHEDULE

A1.1

PLOT DATE: 30.01.2022

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U-024
U-008
U-100
S-283
B-120
U-250
S-251
S-250
U-197
U-198
S-200
S-600
S-570
U-152
U-070
S-514
S-532
S-361
S-482
S-260
S-346
E-241 (HOOD 2 of 2)
E-241 (HOOD 1 of 2)
C-110
R-030
C-130
C-018
C-375
C-025
C-025 (optional)
C-184
C-184
P-532
S-504
S-413 (2)
S-396
S-532
S-570
M13b
G34
G31
G9a
G33
G30
G32a
S-407
S-413 (2)
K-775
S-017
R-002
K-497
B-400
S-396
S-x01
F-920
F-915
M11
M10
L-044
K-131
F-170
U-070
U-100
K-130
U-120
U-152
S-483
P-575
K-280
C-183
P-674
P-721
K-660
B-400
N-014
N-131
K-227
G11a
G10d
G12
SEE GENERAL NOTE 2
G36
M13a
MW4.0
D1n
D2n
D4n
D5a-N
D5b-N
D5d-N
D5a-NH
C5a
C5b
HC
D7
D8
D9
C6
S-449
F-211
P-601
K-269
L-151
F-024
K-501
K-498
G15a-f BOH Art Package
K-300 (9)
W-212
20
CHICKEN COOLER
K-425 (3)
K-503
FREEZER
K-506
K-504
F-030
PRODUCE COOLER
K-502
K-505
S-550
S-600
S-287
S-288
S-580
F-262
XXX
B-215
B-219
P-189
P-190
P-191
P-192
P-193
P-194
P-195
P-101
R-930
C-091
P-063
S-053
S-087
S-015
S-017
L-150
L-151
K-269
K-497
B-400
K-498
K-504
K-506
K-503
K-502
K-505
F-030
W-212
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S-580
F-262
XXX
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N-014
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K-660
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C-183
P-674
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U-120
U-152
S-483
F-170
K-131
L-044
M10
M11
M12
M13a
M13b
F-915
F-920
S-x01
S-396
S-504
S-413 (2)
S-396
S-532
S-570
S-600
S-514
S-532
S-361
S-482
S-260
S-346
S-570
U-100
U-152
U-070
S-514
S-532
S-361
S-482
S-407
S-413 (2)
K-775
S-017
R-002
S-600
U-024
U-008
U-100
S-283
B-120
U-250
S-251
S-250
U-197
U-198
S-200
E-241 (HOOD 2 of 2)
E-241 (HOOD 1 of 2)
C-110
R-030
C-130
C-018
C-375
C-025
C-025 (optional)
C-184
C-184
P-532

EQUIPMENT SCHEDULE

NO.	QTY	G.C. INST.	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
			B CONTRACTOR BUILDING ELEMENTS						
B-120	1	X	DRIVE-THRU WINDOW	QUICKSERV #SC4030CR				CLEAR ANODIZED	B-120
B-215	1	X	WATER HEATER	BRADFORD WHITE #EF-100T-199E-3N(A)	X	X	X		B-215
B-219	1	X	DUNNAGE RACK W/ ADJUSTABLE FEET	NEW AGE INDUSTRIAL CORP., INC. #98147				WATER HEATER PLATFORM BASE	B-219
B-241	3	X	SOAP DISPENSER (WALL MOUNT)	KAY 3675				SURFACE MOUNTED	B-241
B-251	3	X	SANITIZER DISPENSER	KAY 3741				SURFACE MOUNTED	B-251
B-265	2	X	MIRROR, 18" X 36"	BOBRICK #B-165-1836				SURFACE MOUNTED	B-265
B-275	2	X	TOILET PAPER DISPENSER	BOBRICK #B-2890				SURFACE MOUNTED	B-275
B-290	3	X	PAPER TOWEL DISPENSER	BOBRICK #B-262				SURFACE MOUNTED	B-290
B-294	2	X	TRASH RECEPTACLE	BOBRICK #B-3644				SEMI-RECESSED	B-294
B-300	2	X	GRAB BAR 1-1/2"DIA X 36" S.S. FIN.	BOBRICK #B6806X36				SURFACE MOUNTED	B-300
B-305	2	X	GRAB BAR 1-1/2"DIA X 42" S.S. FIN.	BOBRICK #B6806X42				SURFACE MOUNTED	B-305
B-310	2	X	GRAB BAR 1-1/2"DIA X 18" S.S. FIN.	BOBRICK #B6806X18				SURFACE MTD	B-310
B-400	2	X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)					B-400
B-405	3	X	WASTE BASKET	RUBBERMAID SLIM JIM #3541 (GREY)					B-405
B-406	1	X	WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)					B-406
B-410	1	X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140				INCLUDES ACCESSORY KIT & MOUNTING HARDWARE	B-410
B-599	1	X	MOP SINK STATION	ISS #WST806Y					B-599
B-620	1	X	CHICKEN SINK STATION	ISS #MOPCHICKMB					B-620
			C COOKING EQUIPMENT						
C-017	0	X	SINGLE OPEN FRYER W/ CONTROLLER (OPTIONAL)	PITCO #KF-SFSSH75		X	X	COMES WITH GAS HOSE KIT. VERIFY WITH OWNER	C-017
C-018	1	X	DUAL OPEN FRYER W/ CONTROLLER	PITCO #KF-SFSSH75-2		X	X	COMES WITH GAS HOSE KIT	C-018
C-025	1	X	6 HEAD FRYER	PITCO #KF-SG6H		X	X	COMES WITH GAS HOSE KIT	C-025
C-091	1	X	BUN TOASTER	AJ ANTUNES & CO		X		ADDITIONAL TOASTER IS OPTION FOR TOTAL OF (2)	C-091
C-110	1	X	CONVECTION OVEN TABLE W/STAND	FALCON #66-962		X			C-110
C-130	1	X	CONVECTION OVEN W/ CONTROLLER	BLODGETT #CTBR-AP		X			C-130
C-134	0	X	CONVECTION OVEN (KGC)	BLODGETT #XCEL50EC208V3PH2011	X	X			C-134
C-135	0	X	CONVECTION OVEN (KGC) STAND	BLODGETT #XCEL50					C-135
C-183	2	X	MICROWAVE OVEN 2100 W	SHARP #R-25JTF		X			C-183
C-184	2	X	8 HEAD PRESSURE FRYER	HENNY PENNY #PXE-100 (Velocity)		X	X	W/ RACK KIT, ACCESSORY KIT -VERIFY GAS OR ELEC.	C-184
C-375	1	X	FRYER LANDING TABLE 24.5" X 36.5"	ISS #536FRYACCMBA					C-375
C-503	0	X	GAS HOSE KIT 3/4"	DORMONT 1675BPQBS48				FOR C-001	C-503
			E EXHAUST HOODS/FIRE SUPP.						
E-241	2	X	8'-6" WIDE CANOPY HOOD	STRATOVENT		X		SEE HOOD MFR. DRAWINGS (HOOD 1 of 2) M3.0, M3.1	E-241
			F OFFICE/EMPLOYEE/MUSIC/MISC.						
F-006	1	X	FILE CABINET (2 DRAWER HIGH)	LOUISVILLE MILL - HON R512PL					F-006
F-024	1	X	CHAIR - OFFICE (MANAGER)	HON HLN7901AB10T					F-024
F-030	1	X	COAT HOOKS	ISS #HOOK246R2Y					F-030
F-040	1		OFFICE COMPUTER	POS PROVIDED		X			F-040
F-050	1		CREDIT CARD SATELLITE ROUTER JUNCTION	YUM		X			F-050
F-060	1		MONITOR-OFFICE	YUM					F-060
F-080	1		OFFICE PRINTER/ COPIER/ FAX/ SCANNER	POS PROVIDED		X			F-080
F-090	1		UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED		X			F-090
F-131	1		MUSIC SYSTEM	MUZAK #6848. LOCAL LEASE		X		MUZAC (LOCAL LEASE), W/ 4 SPEAKERS	F-131
F-170	1	X	SAFE WITH AUDIT LOCK	NKL #BSD2920AAXRKF		X			F-170
F-211	2	X	CLOCK	B&B SYSTEMS #02060475					F-211
F-262	2	X	(6 OPENINGS) 12"W X 18"D x 12"H	LYON # 5362 (UN-ASSEMBLED)				WALL MOUNTED EMPLOYEE LOCKERS	F-262
F-270	1	X	FIRST AID KIT	SWIFT #68-UFPC					F-270
F-341	1	X	VIDEO TRAINING UNIT WORKSTATION 24"x24"	ISS #2424MOT1EA					F-341
F-500	1	X	HIGH CHAIR	KOALA KARE #KB103 "CLASSIC" (GREY)					F-500
F-915	2	X	FLOOR MAT 3' x 5'	ENTRANCE, INC. #41150012				RUBBERIZED	F-915
F-920	1	X	FLOOR MAT 2' x 7'-6"	CREST #249614 ANTISLIP				RUBBERIZED	F-920
			K WORKSTATIONS/SHELVING/CARTS						
K-130	2	X	MOBILE FRONT COUNTER CART 18"X24"	ISS #FC18242MYA					K-130
K-131	1	X	MOBILE CONDIMENT CART	ISS #CONDDPSS					K-131
K-198	0	X	PREP SINK WORKSTATION 36"L	ISS #WST756E					K-198
K-227	1	X	3 COMP. SINK WORKSTATION, 96"L	ISS #WST808E					K-227
K-269	2	X	BREADING WORKSTATION (DOUBLE) 18" x 48"	ISS #WST758Y					K-269
K-280	1	X	48" MICROWAVE WORKSTATION	ISS #WST760E					K-280
K-282	1	X	MIXER WORKSTATION	ISS #WST757E					K-282
K-300	9	X	CHICKEN DOLLY	YESS #PE84065					K-300
K-320	0	X	SALAD DOLLY	APW #21639000					K-320
K-416	0	X	FRYER ACCESSORY WORKSTATION, 24"x30"	ISS #WST761YA					K-416
K-425	3	X	BAKERS RACK 20.5" x 26" x 69"	NEW AGE INDUSTRIAL #1331					K-425
K-437	0	X	VEGGIE MODULE, 24" X 36"	ISS #WST 1139Y					K-437
K-484	0	X	SHELVING UNIT 18" x 72" x 74"H (4 TIER)	ISS #SU187274Y					K-484
K-495	0	X	SHELVING UNIT 18" X 30" X 74"H (4 TIER)	ISS #SU1830-7-4Y					K-495
K-496	1	X	SHELVING UNIT 18" X 36" X 74"H (4 TIER)	ISS #SU1836-7-4Y					K-496
K-497	0	X	SHELVING UNIT 18" X 42" X 74"H (4 TIER)	ISS #SU1842-7-4Y					K-497
K-498	9	X	SHELVING UNIT 18" x 48" x 74"H (4 TIER)	ISS #SU184874Y					K-498
K-501	1	X	SHELVING UNIT 24" X 30" X 74"H (4 TIER)	ISS #SU243074Y					K-501
K-502	1	X	SHELVING UNIT 24" X 36" X 74"H (4 TIER)	ISS #SU243074Y					K-502
K-503	3	X	SHELVING UNIT 24" X 42" X 74"H (4 TIER)	ISS #SU244274Y					K-502
K-504	2	X	SHELVING UNIT 24" X 48" X 74"H (4 TIER)	ISS #SU244874Y					K-502
K-505	1	X	SHELVING UNIT 24" x 54" x 74"H (4 TIER)	ISS #SU245474Y					K-506
K-506	3	X	SHELVING UNIT 24" x 60" x 74"H (4 TIER)	ISS #SU246074Y					K-506
K-507	0	X	SHELVING UNIT 24" x 66" x 74"H (4 TIER)	ISS #SU246674Y					K-507
K-512	0	X	SHELVING UNIT 18" x 60" x 74"H (4 TIER)	ISS #SU186074Y					K-512
K-660	1	X	SHELVING UNIT 24" x 36" x 74" (6 TIER)	SPG #KFC Y243676K3					K-660
K-775	1	X	TEA BREWING TABLE						K-775
			L LIGHTING/SIGNAGE/MENUBOARDS						
L-044	1	X	INTERIOR MAGNETIC MENU BOARD	POSTERLOID # PSTR7PANELHWDKIT				INCLUDES MOUNTING RAILS AND BRACKETS.	L-044
L-150	1	X	SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM				ORDERED DIRECT FROM YRFS	L-150
L-151	1	X	CHAMPS BOARD 31"W x 23"H					ORDERED DIRECT FROM YRFS	L-151

EQUIPMENT SCHEDULE

NO.	QTY	G.C. INST.	ITEM DESCRIPTION	MFR & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
			N SINKS/DISHWASHERS						
N-014	1	X	3-COMP POWER SOAK 108"L x 34"D	METCRAFT #200PSB108L121DIPKFC	X	X		W/ T & S B-2466 FAUCET & SPRAY RINSE	N-014
N-024	1	X	PEDESTAL SINK 19 1/2" x 19 1/4"	AERO MANUFACTURING CO., INC. #LB-1616	X			INCLUDES BASE, FAUCET & FOOT PEDAL DUAL CONTROL	N-XX1
N-053	3	X	HAND SINK (KITCHEN)	AERO #HS-MOD	X				N-053
N-071	1	X	MOP SINK FAUCET	T&S #B-2465	X				N-071
N-131	1	X	PRE-RINSE KIT	T&S B-2466	X			FOR N-014	N-131
N-133	3	X	HAND SINK FAUCET	T&S FAUCET B-2456-W	X			SPLASH MOUNTED, FOR N-053	N-133
N-150	3	X	HAND SINK FOOT PEDAL	T&S B-0507	X			FOR N-053	N-150
N-202	1	X	MOP SINK 24" x 24" FLOOR MOUNT SINK	AERO MANUFACTURING CO., INC. #3MP-2121-6	X			INCLUDES (2) 24"X36" WALL PANELS	N-202
			P FOOD PREPARATION						
P-063	1	X	WARMER, FRY, CRISP N HOLD	#CNH28LP208V/ 60HZ		X			P-063
P-101	1	X	FRANKE BUCKET TOWER						P-101
P-189	1	X	DUAL ELECTRICAL OUTLETS	DELFIELD		X		DELFIELD DUAL M-LINE	P-189
P-190	1	X	HOT WELL TABLE	DELFIELD		X		DELFIELD DUAL M-LINE	P-190
P-191	1	X	COLD WELL TABLE	DELFIELD		X		DELFIELD DUAL M-LINE	P-191
P-192	1	X	AMBIENT WELL, DUAL	DELFIELD				DELFIELD DUAL M-LINE	P-192
P-193	1	X	BASE UNIT 25"	DELFIELD				DELFIELD DUAL M-LINE	P-193
P-194	1	X	BASE UNIT 35"	DELFIELD				DELFIELD DUAL M-LINE	P-194
P-195	1	X	FRY DUMP TABLE	DELFIELD				DELFIELD DUAL M-LINE	P-071
P-532	1	X	SHORTENING SHUTTLE	WORCESTER SS-709					P-532
P-575	1	X	CAN OPENER	EDLUND EDL16100					P-575
P-601	2	X	BREADING TABLE (SINGLE), 48"L x 30"W x 36"H	AYRKING #BBS-U-4830-BPC		X			P-601
P-651	0	X	CONVECTION OVEN TABLE, 32"W x 31"D x 24"H w/ 4"H RAILS	APW #4857720				ON CASTERS	P-651
P-652	0	X	WORK TABLE over 1/2-HEIGHT FREEZER, 32"W x 31"D x 36"H	APW #4857800					P-652
P-674	1	X	WORK STATION FOR HOT WATER 18"W x 30"D x 76"H	ISS #WST790E				HOT WATER DISPENSER STATION	P-674
P-721	2	X	5 GAL HOT WATER MACHINE	BUNN 125000066	X	X			P-721
			R REFRIGERATION						
R-002	1	X	SINGLE SPLIT DOOR FREEZER	TRAULSEN G12001		X			R-002
R-030	1	X	1/2 HT. FREEZER (RH) STD. CASTERS	DELFIELD 407CA, RH		X			R-030
R-930	1	X	1/2 HT. REFRIGERATOR (LH) STD. CASTERS	DELFIELD 406CAPDHL2.5, LH		X			R-930
			S SERVING/DRIVE-THRU						
S-015	2	X	HOLDING CABINET	AHC993RH	X	X		L/H FRONT, R/H BACK w/ FLIP DOORS BOTH SIDES	S-015
S-017	2	X	IMPROVED FULL-HEIGHT HEATED CABINET	HENNY PENNY #AHC-990LSD		X		L/H FRONT, R/H BACK w/ GLASS DOOR BOTH SIDES	S-017
S-044	1	X	BUN HOLDING CABINET	KFCEVOBH208		X		FLIP DOOR ACCESS ON BOTH SIDES	S-044
S-053	1	X	SIDES HOLDING CABINET	CARTER HOFFMAN KFCEVOSH208		X		SLIDING DOOR ACCESS ON BOTH SIDES	S-053
S-087	1	X	INFRARED HOLDING BIN	PRINCE CASTLE DHB2PT33KFCB		X		FLIP DOOR ACCESS ON BOTH SIDES	S-087
S-200	1		DRIVE-THRU TIMER	ERC #DTT-KFCNT		X			S-200
S-250	1		DUAL OUTPUT VEHICLE DETECTOR	ERC #9172		X			S-250
S-251	1		DRIVE-THRU TIMER DISPLAY UNIT	ERC TM-05		X			S-251
S-260	1	X	DRIVE THRU CONDIMENT TOWER	ISS #CONDTOW24L					S-260
S-283	1	X	DRIVE THRU DRINK STAGER	ISS #WST788E					S-283
S-287	1		WATER FILTER SYSTEM	SELECTO #BFCS, PART #66-6145LFM	X			PROVIDED and INSTALLED BY PEPSI	S-287
S-288	1	X	WATER FILTER SYSTEM	SELECTO #SMFIC614, PART #80-6140	X			PROVIDED BY OWNER / INSTALLED BY G.C.	S-288
S-346	1	X	PICK-UP DRIVE-THRU COUNTER (30" x 54")	ISS #WST1140Y					S-346
S-361	1	X	D/T BEVERAGE COUNTER (32" x 54")	DELFIELD #TB002455					S-361
S-396	1	X	SELF SERVE DRINK COUNTER	CARTER HOFFMANN #CH3-TDS72N12					S-396
S-407	1	X	BUNN TEA BREWER	BUNN TB3Q W/TD4T					S-407
S-413	4	X	TEA URN						S-413
S-449	1	X	TIME TAG SYSTEM	FRANKE #27800400					S-449
S-482	1	X	CUP DISPENSER 30-1/16" x 15-1/16" x 23-3/4"D	A.J. ANTUNES #DACS60					S-482
S-483	1	X	CUP DISPENSER 22" W x 19" H x 5 5/8" D	DIVERSIFIED METAL #WR-CC-22-RD					S-483
S-504	1	X	LID AND STRAW DISPENSER	DISPENSE-RITE #DMP TLD-3BT-2STR					S-504
S-514	2		ICE CUBER	MANITOWOC # 1Y0684C	X	X			S-514
S-532	2		BEVERAGE DISPENSER (SELF SERVE / DRIVE THRU)	CORNELIUS #ED 250	X	X			S-532
S-550	1		BAG-N-BOX SYRUP RACK	CORNELIUS/REMCOR BNB12B8P	X			FLO-3REG-2CRB, PROVIDED and INSTALLED BY PEPSI	S-550
S-570	2		CARBONATOR	CORNELIUS/REMCOR	X	X		LOCATED ON SHELF BENEATH DRINK MACHINE	S-570
S-580	1		CO2 (BULK) TANK	MVE #11805373				WITHOUT IMPURITY RING	S-580
S-600	2		BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X			PROVIDED and INSTALLED BY PEPSI	S-600
S-x01	1	X	NAPKIN TOWER	EXPRESSNAP 32XSP				DRINK, FRONT COUNTER, DT	S-x01
			U SECURITY/COMM./FIRE PROT./POS						
U-008	1	X	BASE STATION - D/T COMM. SYSTEM w/ HEADSET RACK	ION IQ 6A10 SYSTEM; HME #C30000-6-HS-YUM		X		6 COMMUNICATORS & BATTERY CHARGER, +7'-0" A.F.F.	U-008
U-012	2	X	INTEGRATED PACKLINE KIT	ICP105					U-012
U-013	2	X	VIEWSONIC LCD DISPLAY	VA705B		X			U-013
U-024	1								U-024
U-031	1	X	CCTV DVR & MONITOR	MARTCO, INC. #E58050046		X			U-031
U-050	1	X	SECURITY SYSTEM	ADT #E53200155		X			U-050
U-070	3		RECEIPT PRINTER	POS PROVIDED		X		2 FOR F/C AND 1 D/T	U-070
U-100	4		POS/ORDER ENTRY TERMINAL	POS PROVIDED		X			U-100
U-120	2		CASH DRAWER HOLDER	POS PROVIDED				SEE SCOPE OF WORK	U-120
U-152	3		CASH DRAWER	POS PROVIDED				SEE SCOPE OF WORK	U-152
U-197	1	X	MONITOR WALL BRACKET	POS PROVIDED					U-197
U-198	1	X	17" MONITOR (FLAT SCREEN)	POS PROVIDED		X		SEE SCOPE OF WORK	U-198
U-199	4	X	MONITOR BRACKET	POS PROVIDED				SEE SCOPE OF WORK	U-199
U-250	4		BUMP BAR	POS PROVIDED					U-250
			W WALK-IN COOLERS/FREEZERS						
W-212	3	X	WALK-IN COOLER / FREEZER	SEE DISTRIBUTOR EQUIPMENT MODEL	X	X			W-212

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

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

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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ANYTOWN, USA. 00000

NG-30-22

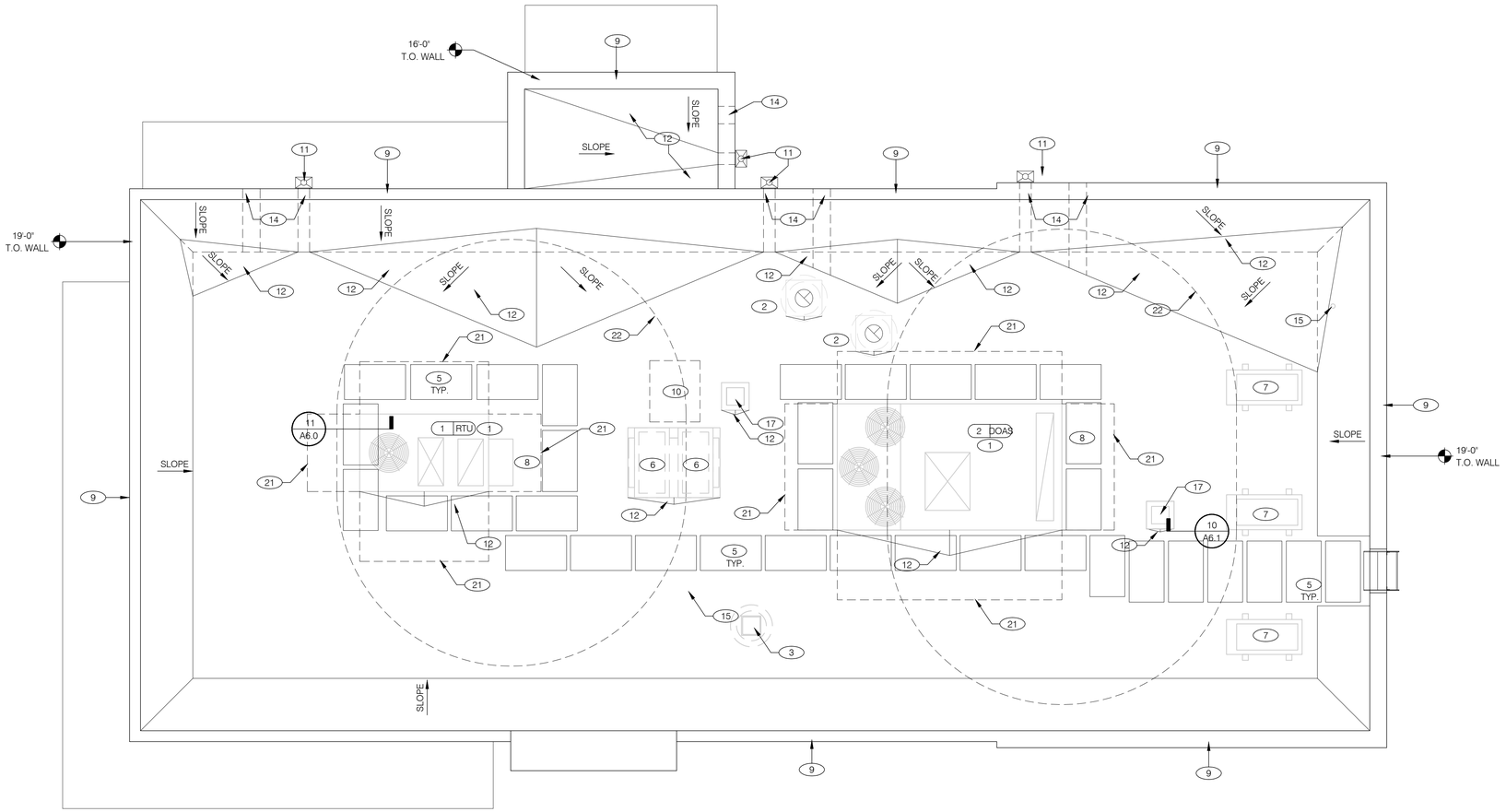
EQUIPMENT SCHEDULE

A2.1

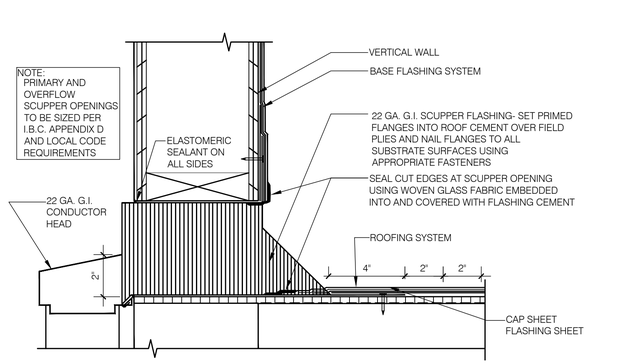
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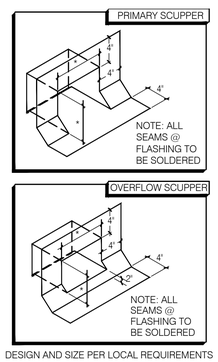
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FLOOR PLAN 1/4"=1'-0" A





* DESIGN AND SIZE PER LOCAL REQUIREMENTS

SCUPPER FLASHING E

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.

C. ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

MISCELLANEOUS:

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

ROOF INSULATION:

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

ROOFING SYSTEM:

A. DURO-LAST SINGLE-PLY SYSTEM. REFER TO SPECIFICATIONS SECTION 07523.
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 12 / 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. NOT USED
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 DETAIL C / A6.2.
10. PREFERRED LOCATION FOR SATELLITE DISH SLED. SEE SCOPE OF WORK.
11. COLLECTOR HEAD AND DOWNSPOUT.
12. ROOF CRICKET; MINIMUM SLOPE = ¼" per FT.
13. NOT USED
14. SCUPPERS. SEE DETAIL E, THIS SHEET. TOP OF OVERFLOW SCUPPER TO BE SET 2" ABOVE TOP OF ROOF DRAIN
15. WASTE VENT UP THRU ROOF; SEE DETAIL 2 / A6.0. COORDINATE LOCATION WITH KEYNOTE 22, THIS SHEET.
16. NOT USED.
17. PIPE HOOD FOR SATELLITE DISH and/or REFRIGERANT LINES. COORDINATE LOCATION. SEE DETAIL 10 / A6.1.
18. WATER HEATER EXHAUST, SEE DETAIL 2 / P6.0. COORDINATE LOCATION WITH RTU-2 AIR INTAKE; SEE KEYNOTE 23, THIS SHEET.
19. NOT USED
20. WATER HEATER INTAKE; SEE DETAIL 12 / P6.0.
21. CLEAR ROOF WORK AREA AROUND RTU.
22. CLEAR ROOF AREA AROUND RTU AIR INTAKE. NO BUILDING / EQUIPMENT EXHAUST PERMITTED WITHIN THIS AREA.

*REFER TO MEP DRAWINGS FOR ROOFTOP EQUIPMENT, VENT PIPES, ETC.

KEY NOTES B

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

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3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

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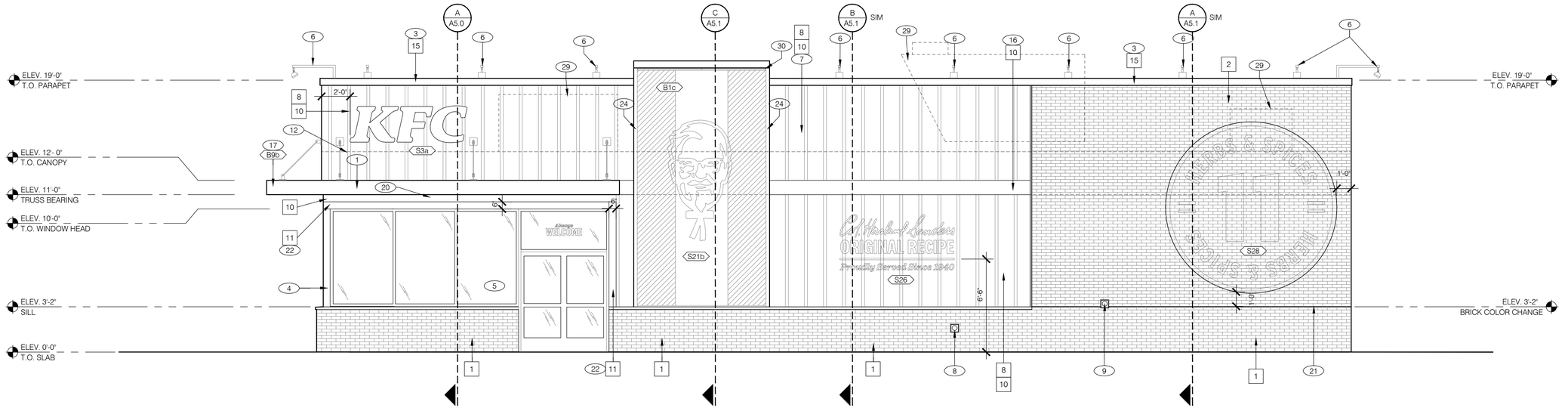
123 MAIN STREET
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NG-30-22

ROOF PLAN

A3.0

PLOT DATE: 30.01.2022



NOTE:
SIGNAGE AND BUILDING ELEMENTS ARE 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	DESCRIPTION	NOTES
BRICK				
1 br-1	BLACK EXTERIOR BRICK @ BULDING BASE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK C216 BLACK DIAMOND VELOUR STANDARD RUNNING BOND	ALTERNATE: MODULAR FACE BRICK C216 DOWNING BLACK VELOUR STANDARD RUNNING BOND
2 br-2	WHITE EXTERIOR BRICK @ BUILDING FACADE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK ALASKA WHITE VELOUR STANDARD RUNNING BOND	
METAL				
5 m-1	RED METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	
6 m-2	WHITE METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-2 BENJAMIN MOORE WEDDING VEIL 2125-70	
SPECIAL FINISH				
8 sf-1	FIBER CEMENT SIDING AT WALLS	JAMES HARDIE	BOARD AND BATTEN STYLE WHERE SHOWN (PAINTED) REFER TO EXTERIOR ELEVATIONS.	www.jameshardie.com HARDIE PANEL VERTICAL SIDING - SMOOTH
PAINT				
9 p-1	RED EXTERIOR PAINT	TBD	BENJAMIN MOORE EXOTIC RED 2086-10	
10 p-2	WHITE EXTERIOR PAINT	TBD	BENJAMIN MOORE WEDDING VEIL 2125-70	
11 p-3	BLACK EXTERIOR PAINT	TBD	BENJAMIN MOORE ONYX 2133-10	
METAL TRIM				
15	EXTERIOR METAL TRIM (BLACK)		TO MATCH p-3 BENJAMIN MOORE ONYX 2133-10	
16	EXTERIOR METAL TRIM (RED)		TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	

EXTERIOR FINISH SCHEDULE | **F**

NOT USED | **D**

MISCELLANEOUS:

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

B. REFER TO SHEET A7.1 FOR EXTERIOR GRAPHICS - IMAGE COMPONENTS SCHEDULE - IMAGE COMPONENTS SCHEDULE; REFER TO GRAPHICS PACKAGE FOR ADDITIONAL INFORMATION.

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.

THE GENERAL CONTRACTOR SHALL 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.

GENERAL NOTES | **C**

1. PAINT WALL SURFACE BEHIND AWNING
2. DRIVE-THRU WINDOW. SEE SHEET A2.1
3. PARAPET FASCIA CAP (COLOR: BLACK)
4. METAL WRAP TO MATCH EXTERIOR STOREFRONT FRAMING (CLEAR ANODIZED ALUMINUM)
5. ALUMINUM STOREFRONT WINDOW / DOOR SYSTEM. SEE SHEET A1.1.
6. WALL LIGHTING - LIGHTING VENDOR SUPPLIED / GC INSTALLED. SEE SHEET E4.0.
7. HARDI-PANEL SIDING
8. HOSE BIB - REFER TO PLUMBING DRAWINGS.
9. CO_2 FILLER VALVE & COVER.
10. SCUPPER, COLLECTOR AND DOWNSPOUT 6" MIN.
11. SWITCHGEAR.
12. INDICATES TOP OF ROOF DECK.
13. OVERFLOW SCUPPER
14. GAS METER. DO NOT PAINT METER.
15. COORDINATE LOCATION OF GRAPHIC WITH FINAL ELECTRIC PANEL/GAS METER LOCATION. ADJUST HEIGHT OF LETTERS AS REQUIRED.
16. TRIM BOARD. REFER TO WALL SECTIONS.
17. VENDOR PROVIDED CANOPY
18. HOLLOW METAL FRAMED WINDOW/DOOR SYSTEM.
19. NOT USED
20. HARDIE PANEL WITH NO BATTENS THIS AREA.
21. LINE OF PAINT COLOR CHANGE.
22. 6" WIDE PAINTED BAND.
23. EMERGENCY LIGHTS, SEE ELECTRICAL SHEETS
24. HARDIE TRIM 2.5" WIDTH, PAINTED TO MATCH ADJACENT SURFACES.
25. STAINLESS STEEL CORNER GUARDS.
26. HANDICAP SIGNAGE; MOUNT AT 5'-0" A.F.F.
27. SECURITY DOOR. OWNER-SUPPLIED / G.C. INSTALL.
28. EXTERIOR FINISH DIMENSION; TYPICAL.
29. ROOFTOP EQUIPMENT - SHOWN DASHED FOR REFERENCE.
30. LINEAR DOWNLIGHT FIXTURE.

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

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CONSULTANT'S SEAL

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1	010622 65% CHECK SET
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4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
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ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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NG-30-22

EXTERIOR ELEVATION

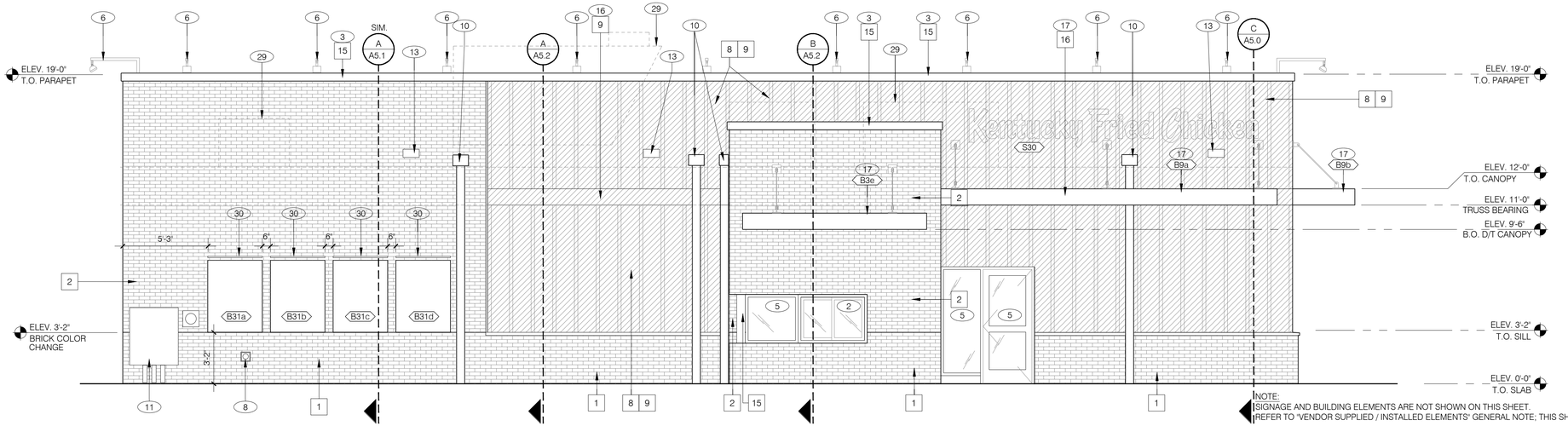
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PLOT DATE: 30.01.2022

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



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**

SYMBOL	EXTERIOR WALL AREA	MANUFACTURER	DESCRIPTION	NOTES
BRICK				
1 br-1	BLACK EXTERIOR BRICK @ BULDING BASE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK C216 BLACK DIAMOND VELOUR STANDARD RUNNING BOND	ALTERNATE: MODULAR FACE BRICK C216 DOWNING BLACK VELOUR STANDARD RUNNING BOND
2 br-2	WHITE EXTERIOR BRICK @ BUILDING FACADE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK ALASKA WHITE VELOUR STANDARD RUNNING BOND	
METAL				
5 m-1	RED METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	
6 m-2	WHITE METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-2 BENJAMIN MOORE WEDDING VEIL 2125-70	
SPECIAL FINISH				
8 sf-1	FIBER CEMENT SIDING AT WALLS	JAMES HARDIE	BOARD AND BATTEN STYLE WHERE SHOWN (PAINTED) REFER TO EXTERIOR ELEVATIONS.	www.jameshardie.com HARDIE PANEL VERTICAL SIDING - SMOOTH
PAINT				
9 p-1	RED EXTERIOR PAINT	TBD	BENJAMIN MOORE EXOTIC RED 2086-10	
10 p-2	WHITE EXTERIOR PAINT	TBD	BENJAMIN MOORE WEDDING VEIL 2125-70	
11 p-3	BLACK EXTERIOR PAINT	TBD	BENJAMIN MOORE ONYX 2133-10	
METAL TRIM				
15	EXTERIOR METAL TRIM (BLACK)		TO MATCH p-3 BENJAMIN MOORE ONYX 2133-10	
16	EXTERIOR METAL TRIM (RED)		TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	

EXTERIOR FINISH SCHEDULE **F**

NOT USED **D**

MISCELLANEOUS:

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

B. REFER TO SHEET A7.1 FOR EXTERIOR GRAPHICS - IMAGE COMPONENTS SCHEDULE - IMAGE COMPONENTS SCHEDULE; REFER TO GRAPHICS PACKAGE FOR ADDITIONAL INFORMATION.

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.

THE GENERAL CONTRACTOR SHALL 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.

GENERAL NOTES **C**

1. PAINT WALL SURFACE BEHIND AWNING
2. DRIVE-THRU WINDOW. SEE SHEET A2.1
3. PARAPET FASCIA CAP (COLOR: BLACK)
4. METAL WRAP TO MATCH EXTERIOR STOREFRONT FRAMING (CLEAR ANODIZED ALUMINUM)
5. ALUMINUM STOREFRONT WINDOW / DOOR SYSTEM. SEE SHEET A1.1.
6. WALL LIGHTING - LIGHTING VENDOR SUPPLIED / GC INSTALLED. SEE SHEET E4.0.
7. HARDI-PANEL SIDING
8. HOSE BIB - REFER TO PLUMBING DRAWINGS.
9. CO_2 FILLER VALVE & COVER.
10. SCUPPER, COLLECTOR AND DOWNSPOUT 6" MIN.
11. SWITCHGEAR.
12. INDICATES TOP OF ROOF DECK.
13. OVERFLOW SCUPPER
14. GAS METER. DO NOT PAINT METER.
15. COORDINATE LOCATION OF GRAPHIC WITH FINAL ELECTRIC PANEL/GAS METER LOCATION. ADJUST HEIGHT OF LETTERS AS REQUIRED.
16. TRIM BOARD. REFER TO WALL SECTIONS.
17. VENDOR PROVIDED CANOPY
18. HOLLOW METAL FRAMED WINDOW/DOOR SYSTEM.
19. NOT USED
20. HARDIE PANEL WITH NO BATTENS THIS AREA.
21. LINE OF PAINT COLOR CHANGE.
22. 6" WIDE PAINTED BAND.
23. EMERGENCY LIGHTS, SEE ELECTRICAL SHEETS
24. HARDIE TRIM 2.5" WIDTH, PAINTED TO MATCH ADJACENT SURFACES.
25. STAINLESS STEEL CORNER GUARDS.
26. HANDICAP SIGNAGE; MOUNT AT 5'-0" A.F.F.
27. SECURITY DOOR. OWNER-SUPPLIED / G.C. INSTALL.
28. EXTERIOR FINISH DIMENSION; TYPICAL.
29. ROOFTOP EQUIPMENT - SHOWN DASHED FOR REFERENCE.
30. LINEAR DOWNLIGHT FIXTURE.

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

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KFC

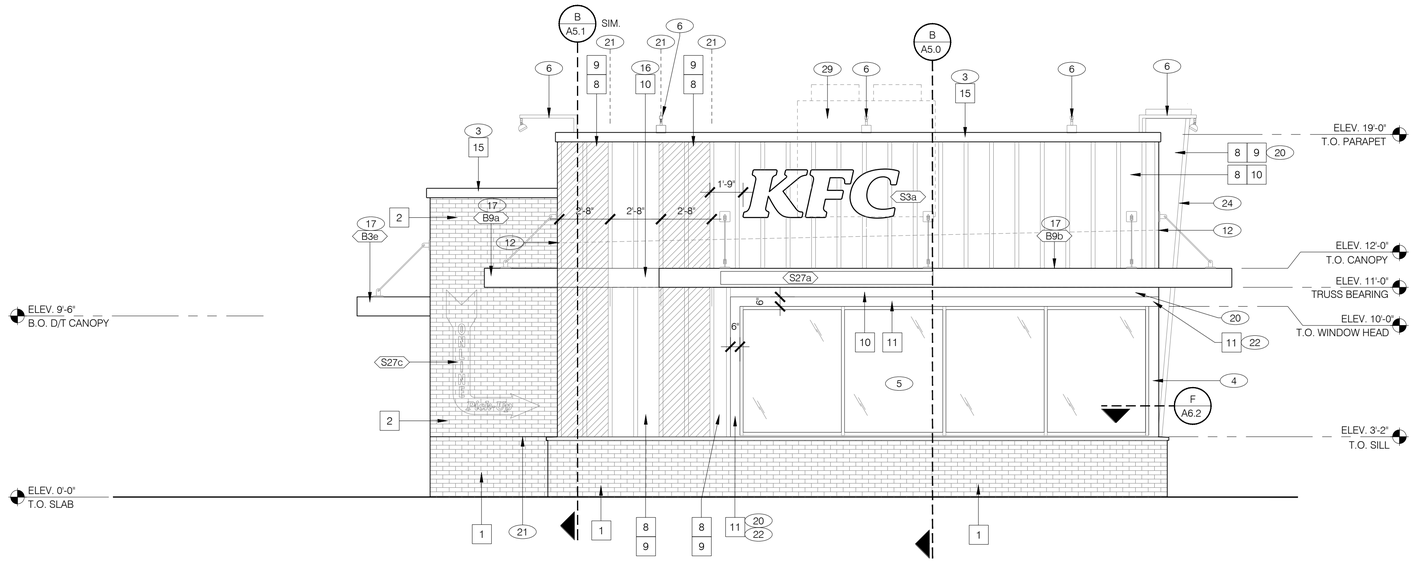
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

EXTERIOR ELEVATIONS

A4.1

PLOT DATE: 30.01.2022



NOTE:
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REFER TO "VENDOR SUPPLIED / INSTALLED ELEMENTS" GENERAL NOTE; THIS SHEET.

FRONT ELEVATION 1/4" = 1'-0" | A

SYMBOL	EXTERIOR WALL AREA	MANUFACTURER	DESCRIPTION	NOTES
BRICK				
1 br-1	BLACK EXTERIOR BRICK @ BULDING BASE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK C216 BLACK DIAMOND VELOUR STANDARD RUNNING BOND	ALTERNATE: MODULAR FACE BRICK C216 DOWNING BLACK VELOUR STANDARD RUNNING BOND
2 br-2	WHITE EXTERIOR BRICK @ BUILDING FACADE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK ALASKA WHITE VELOUR STANDARD RUNNING BOND	
METAL				
5 m-1	RED METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	
6 m-2	WHITE METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-2 BENJAMIN MOORE WEDDING VEIL 2125-70	
SPECIAL FINISH				
8 sf-1	FIBER CEMENT SIDING AT WALLS	JAMES HARDIE	BOARD AND BATTEN STYLE WHERE SHOWN (PAINTED) REFER TO EXTERIOR ELEVATIONS.	www.jameshardie.com HARDIE PANEL VERTICAL SIDING - SMOOTH
PAINT				
9 p-1	RED EXTERIOR PAINT	TBD	BENJAMIN MOORE EXOTIC RED 2086-10	
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11 p-3	BLACK EXTERIOR PAINT	TBD	BENJAMIN MOORE ONYX 2133-10	
METAL TRIM				
15	EXTERIOR METAL TRIM (BLACK)		TO MATCH p-3 BENJAMIN MOORE ONYX 2133-10	
16	EXTERIOR METAL TRIM (RED)		TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	

EXTERIOR FINISH SCHEDULE | F

NOT USED | D

MISCELLANEOUS:

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

B. REFER TO SHEET A7.1 FOR EXTERIOR GRAPHICS - IMAGE COMPONENTS SCHEDULE - IMAGE COMPONENTS SCHEDULE; REFER TO GRAPHICS PACKAGE FOR ADDITIONAL INFORMATION.

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.

THE GENERAL CONTRACTOR SHALL 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.

GENERAL NOTES | C

NOTE: NOT ALL KEY NOTES APPLY TO THIS SHEET

KEY NOTES | B

1. PAINT WALL SURFACE BEHIND AWNING
2. DRIVE-THRU WINDOW. SEE SHEET A2.1
3. PARAPET FASCIA CAP (COLOR: BLACK)
4. METAL WRAP TO MATCH EXTERIOR STOREFRONT FRAMING (CLEAR ANODIZED ALUMINUM)
5. ALUMINUM STOREFRONT WINDOW / DOOR SYSTEM. SEE SHEET A1.1.
6. WALL LIGHTING - LIGHTING VENDOR SUPPLIED / GC INSTALLED. SEE SHEET E4.0.
7. HARDI-PANEL SIDING
8. HOSE BIB - REFER TO PLUMBING DRAWINGS.
9. CO_2 FILLER VALVE & COVER.
10. SCUPPER, COLLECTOR AND DOWNSPOUT 6" MIN.
11. SWITCHGEAR.
12. INDICATES TOP OF ROOF DECK.
13. OVERFLOW SCUPPER
14. GAS METER. DO NOT PAINT METER.
15. COORDINATE LOCATION OF GRAPHIC WITH FINAL ELECTRIC PANEL/GAS METER LOCATION. ADJUST HEIGHT OF LETTERS AS REQUIRED.
16. TRIM BOARD. REFER TO WALL SECTIONS.
17. VENDOR PROVIDED CANOPY
18. HOLLOW METAL FRAMED WINDOW/DOOR SYSTEM.
19. NOT USED
20. HARDIE PANEL WITH NO BATTENS THIS AREA.
21. LINE OF PAINT COLOR CHANGE.
22. 6" WIDE PAINTED BAND.
23. EMERGENCY LIGHTS, SEE ELECTRICAL SHEETS
24. HARDIE TRIM 2.5" WIDTH, PAINTED TO MATCH ADJACENT SURFACES.
25. STAINLESS STEEL CORNER GUARDS.
26. HANDICAP SIGNAGE; MOUNT AT 5'-0" A.F.F.
27. SECURITY DOOR. OWNER-SUPPLIED / G.C. INSTALL.
28. EXTERIOR FINISH DIMENSION; TYPICAL.
29. ROOFTOP EQUIPMENT - SHOWN DASHED FOR REFERENCE.
30. LINEAR DOWNLIGHT FIXTURE.

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

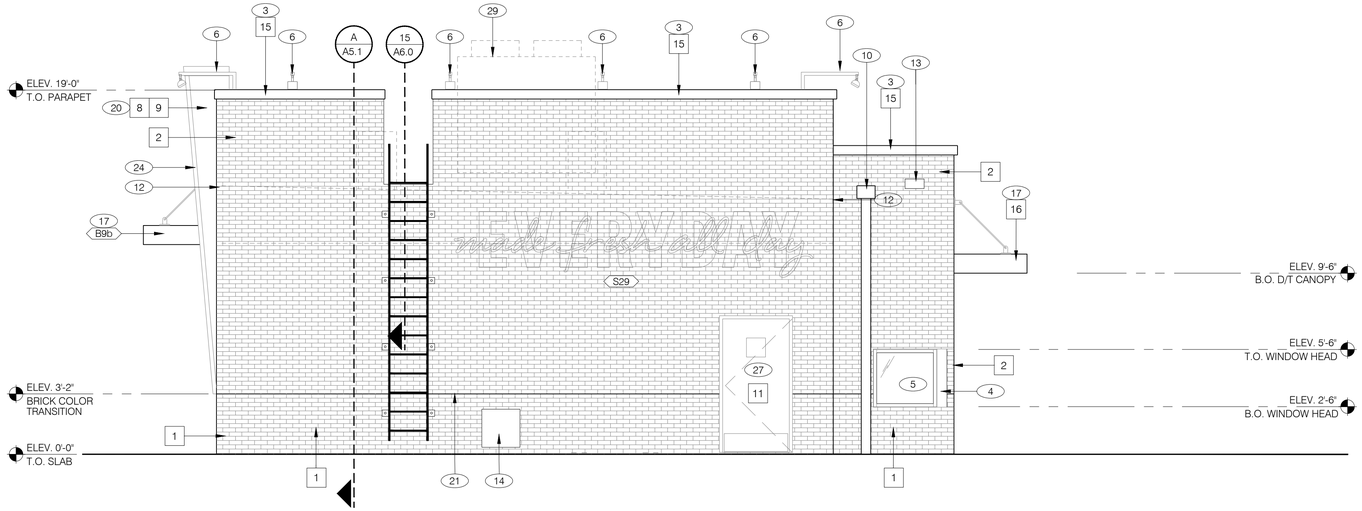
NG-30-22

EXTERIOR ELEVATION

A4.2

PLOT DATE: 30.01.2022

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

REAR ELEVATION 1/4" = 1'-0" | A

SYMBOL	EXTERIOR WALL AREA	MANUFACTURER	DESCRIPTION	NOTES
BRICK				
1 br-1	BLACK EXTERIOR BRICK @ BULDING BASE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK C216 BLACK DIAMOND VELOUR STANDARD RUNNING BOND	ALTERNATE: MODULAR FACE BRICK C216 DOWNING BLACK VELOUR STANDARD RUNNING BOND
2 br-2	WHITE EXTERIOR BRICK @ BUILDING FACADE	THE BELDEN BRICK COMPANY	MODULAR FACE BRICK ALASKA WHITE VELOUR STANDARD RUNNING BOND	
METAL				
5 m-1	RED METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	
6 m-2	WHITE METAL	VENDOR PROVIDED	48"X96"- PTD TO MATCH p-2 BENJAMIN MOORE WEDDING VEIL 2125-70	
SPECIAL FINISH				
8 sf-1	FIBER CEMENT SIDING AT WALLS	JAMES HARDIE	BOARD AND BATTEN STYLE WHERE SHOWN (PAINTED) REFER TO EXTERIOR ELEVATIONS.	www.jameshardie.com HARDIE PANEL VERTICAL SIDING - SMOOTH
PAINT				
9 p-1	RED EXTERIOR PAINT	TBD	BENJAMIN MOORE EXOTIC RED 2086-10	
10 p-2	WHITE EXTERIOR PAINT	TBD	BENJAMIN MOORE WEDDING VEIL 2125-70	
11 p-3	BLACK EXTERIOR PAINT	TBD	BENJAMIN MOORE ONYX 2133-10	
METAL TRIM				
15	EXTERIOR METAL TRIM (BLACK)		TO MATCH p-3 BENJAMIN MOORE ONYX 2133-10	
16	EXTERIOR METAL TRIM (RED)		TO MATCH p-1 BENJAMIN MOORE EXOTIC RED 2086-10	

EXTERIOR FINISH SCHEDULE | F

NOT USED | D

MISCELLANEOUS:

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

B. REFER TO SHEET A7.1 FOR EXTERIOR GRAPHICS - IMAGE COMPONENTS SCHEDULE - IMAGE COMPONENTS SCHEDULE; REFER TO GRAPHICS PACKAGE FOR ADDITIONAL INFORMATION.

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.

THE GENERAL CONTRACTOR SHALL 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.

GENERAL NOTES | C

NOTE: NOT ALL KEY NOTES APPLY TO THIS SHEET

KEY NOTES | B

1. PAINT WALL SURFACE BEHIND AWNING
2. DRIVE-THRU WINDOW. SEE SHEET A2.1
3. PARAPET FASCIA CAP (COLOR: BLACK)
4. METAL WRAP TO MATCH EXTERIOR STOREFRONT FRAMING (CLEAR ANODIZED ALUMINUM)
5. ALUMINUM STOREFRONT WINDOW / DOOR SYSTEM. SEE SHEET A1.1.
6. WALL LIGHTING - LIGHTING VENDOR SUPPLIED / GC INSTALLED. SEE SHEET E4.0.
7. HARDI-PANEL SIDING
8. HOSE BIB - REFER TO PLUMBING DRAWINGS.
9. CO_2 FILLER VALVE & COVER.
10. SCUPPER, COLLECTOR AND DOWNSPOUT 6" MIN.
11. SWITCHGEAR.
12. INDICATES TOP OF ROOF DECK.
13. OVERFLOW SCUPPER
14. GAS METER. DO NOT PAINT METER.
15. COORDINATE LOCATION OF GRAPHIC WITH FINAL ELECTRIC PANEL/GAS METER LOCATION. ADJUST HEIGHT OF LETTERS AS REQUIRED.
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17. VENDOR PROVIDED CANOPY
18. HOLLOW METAL FRAMED WINDOW/DOOR SYSTEM.
19. NOT USED
20. HARDIE PANEL WITH NO BATTENS THIS AREA.
21. LINE OF PAINT COLOR CHANGE.
22. 6" WIDE PAINTED BAND.
23. EMERGENCY LIGHTS, SEE ELECTRICAL SHEETS
24. HARDIE TRIM 2.5" WIDTH, PAINTED TO MATCH ADJACENT SURFACES.
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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
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PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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NG-30-22

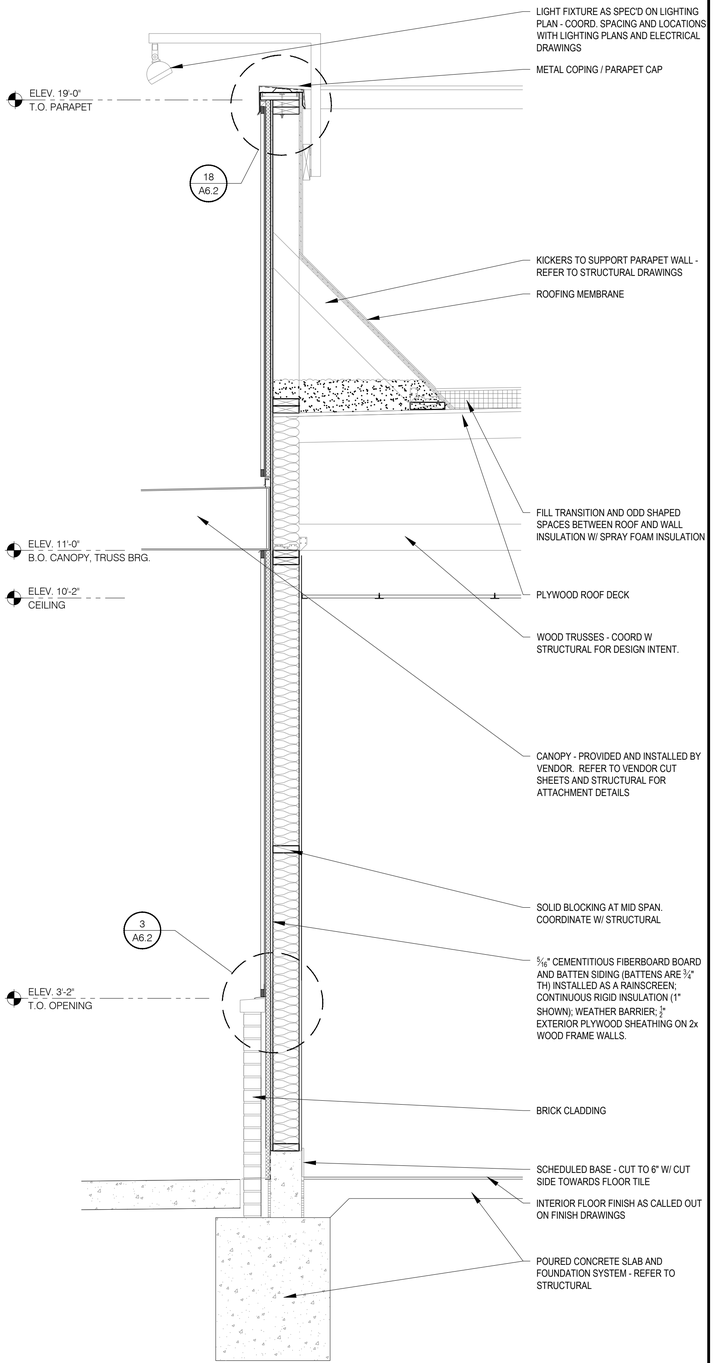
EXTERIOR ELEVATION

A4.3

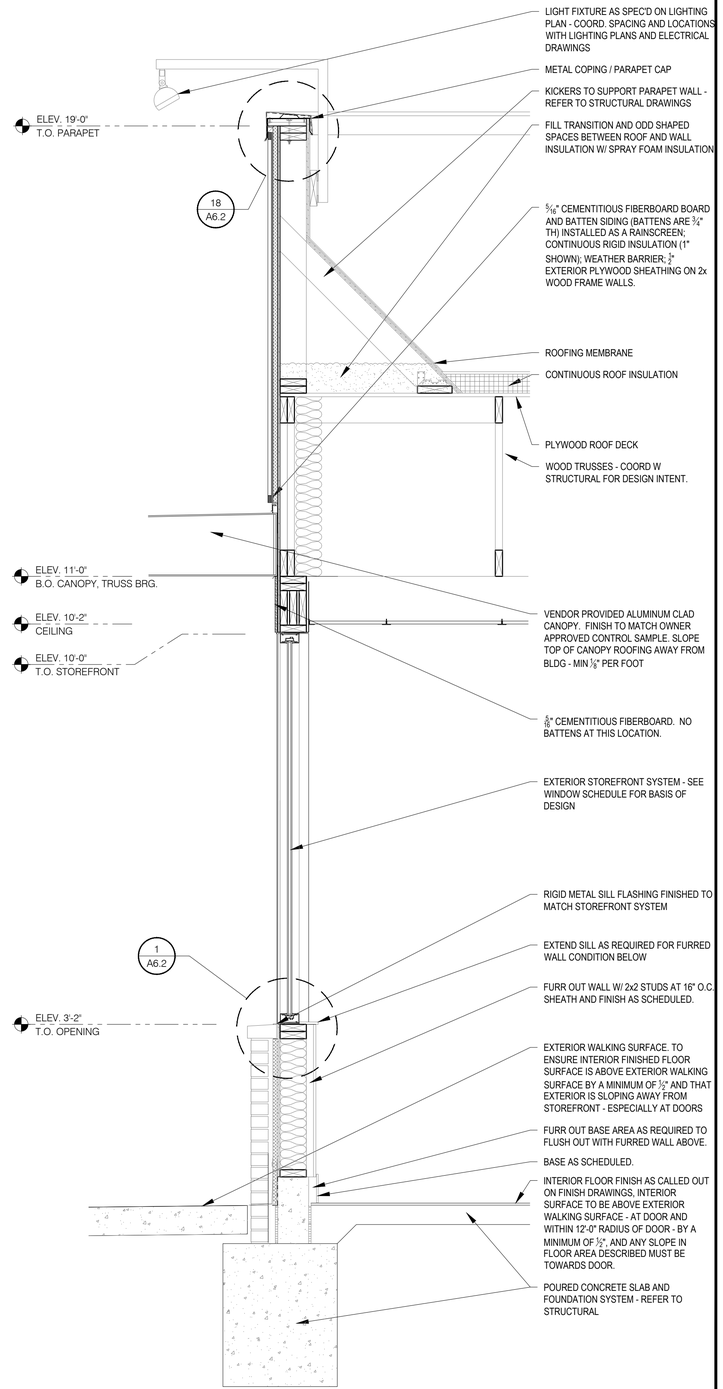
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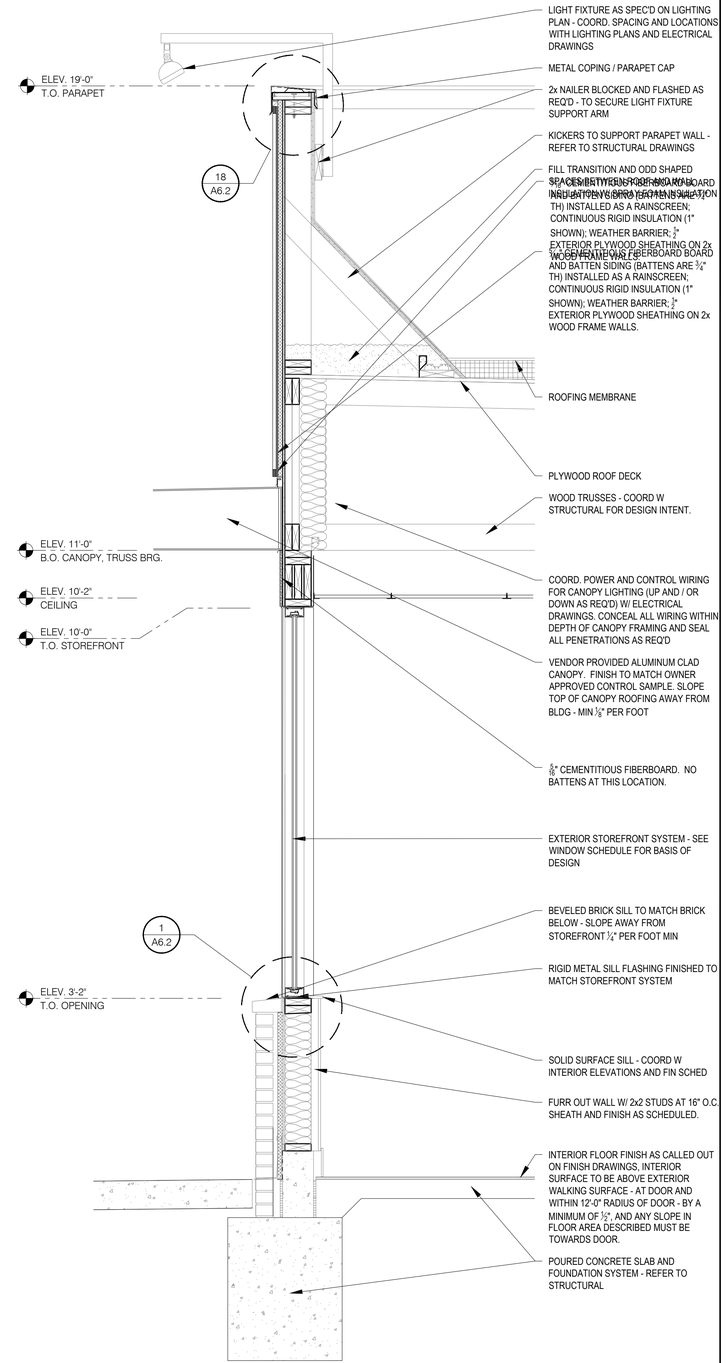
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WALL SECTION at DINING ENTRY (SIDE WALL) 3/4" = 1'-0" **C**



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



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

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SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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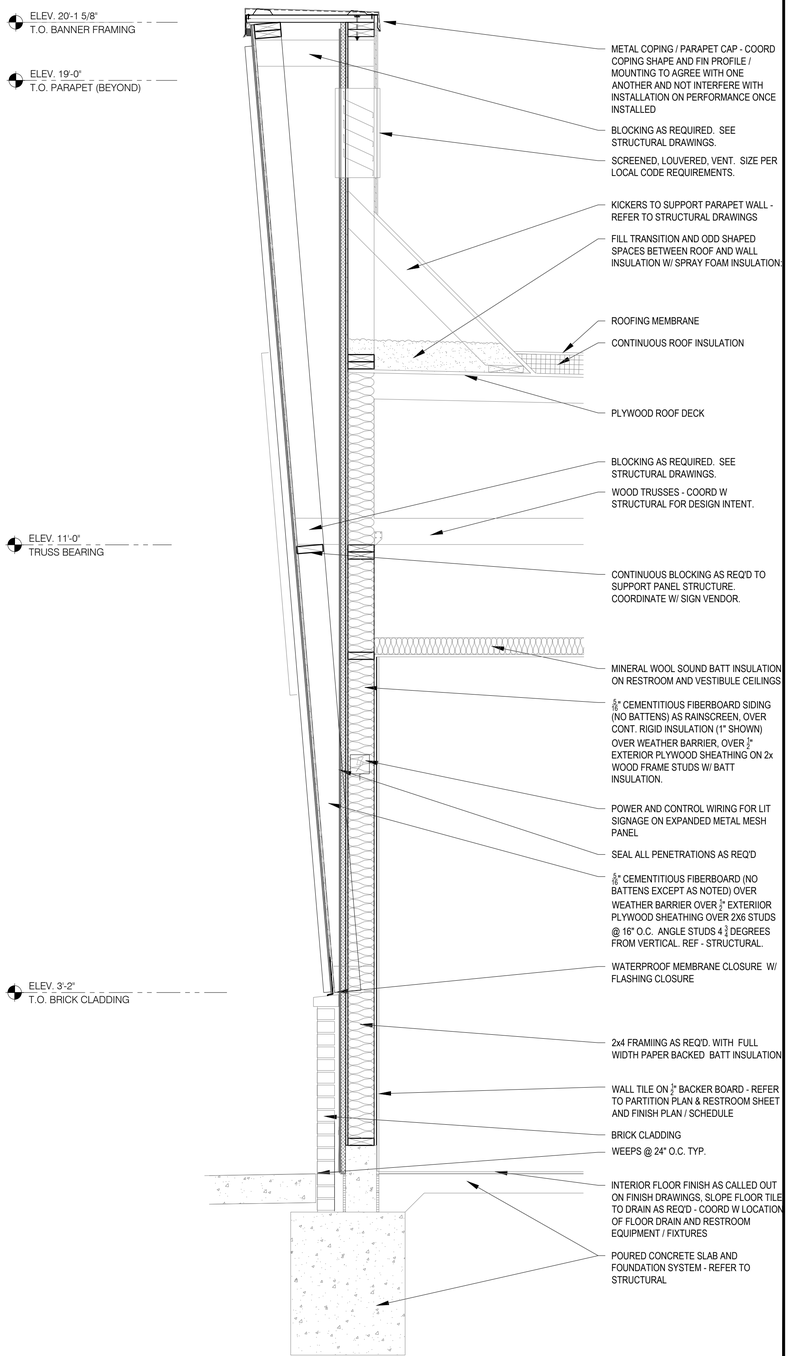
NG-30-22

WALL SECTIONS

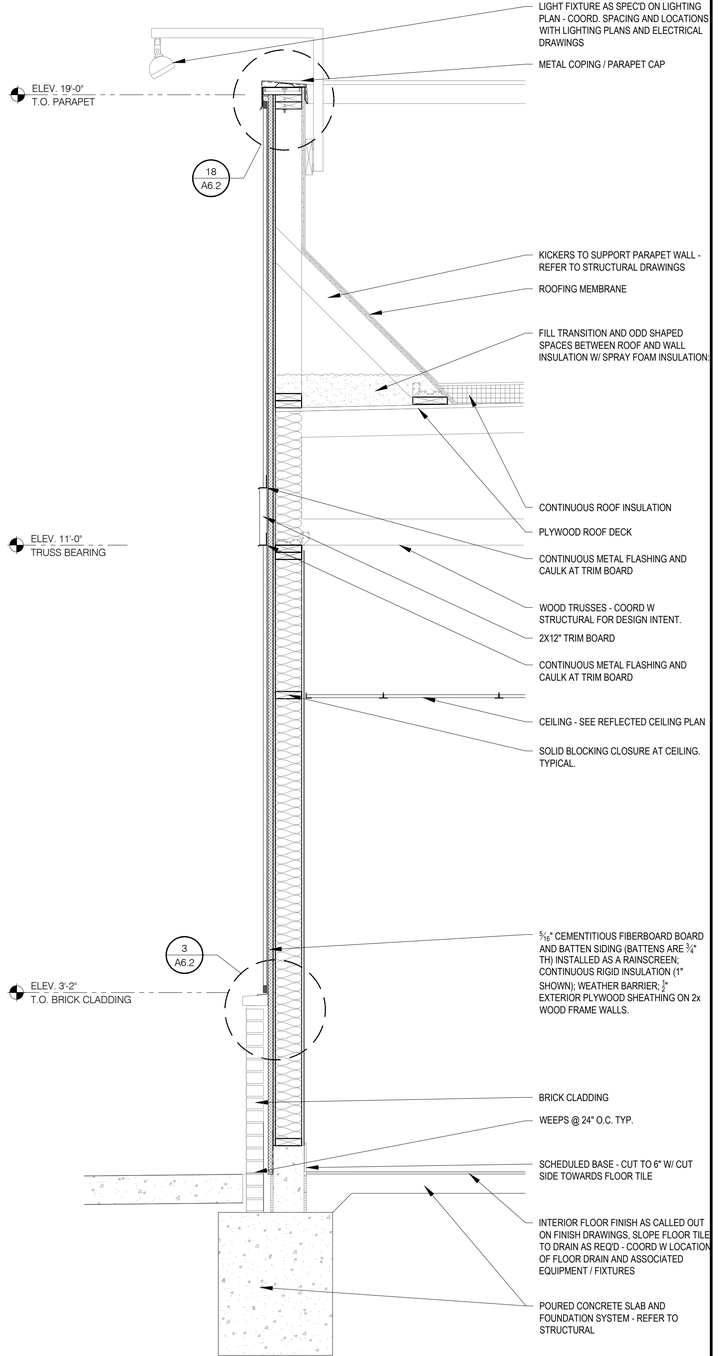
A5.0

PLOT DATE: 30.01.2022

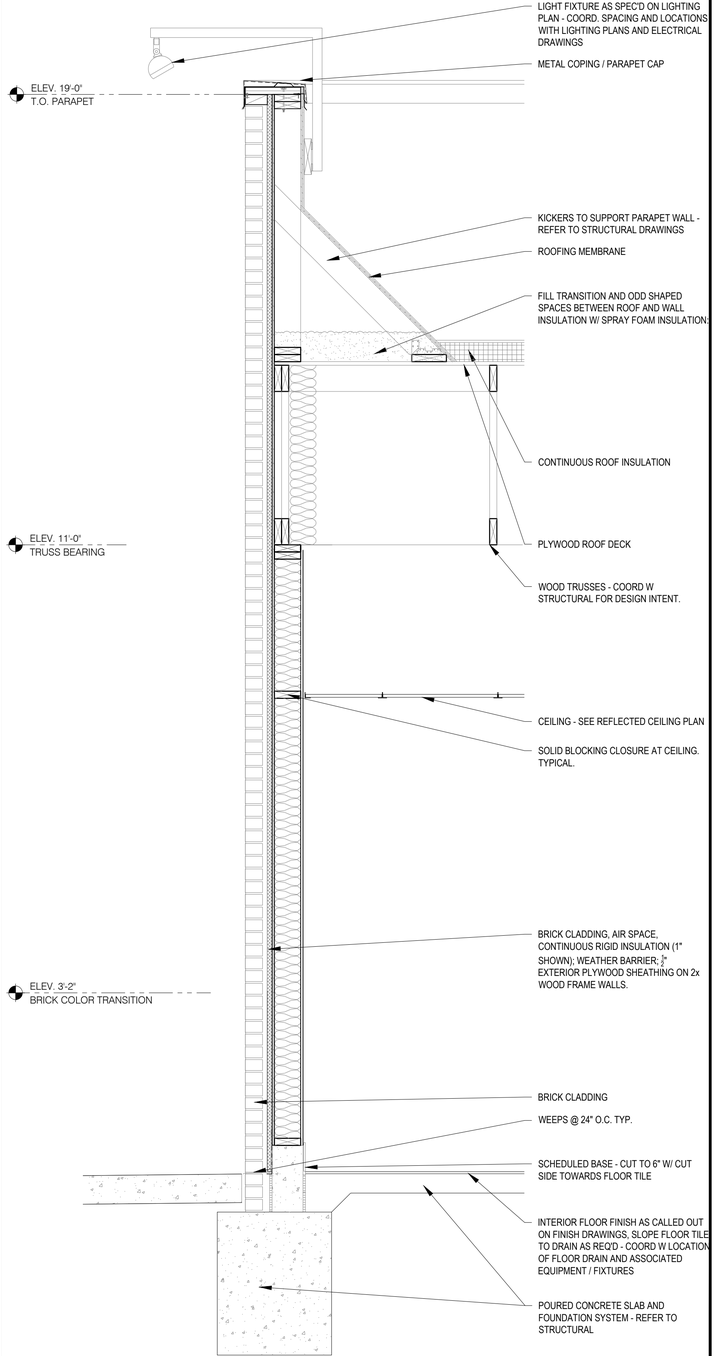
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WALL SECTION at RESTROOM / BANNER PANEL (SIDE WALL) 3/4" = 1'-0" **C**



WALL SECTION at BOARD & BATTEN (SIDE WALL) 3/4" = 1'-0" **B**



WALL SECTION at TYPICAL BRICK (REAR WALL) 3/4" = 1'-0" **A**

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NG-30-22

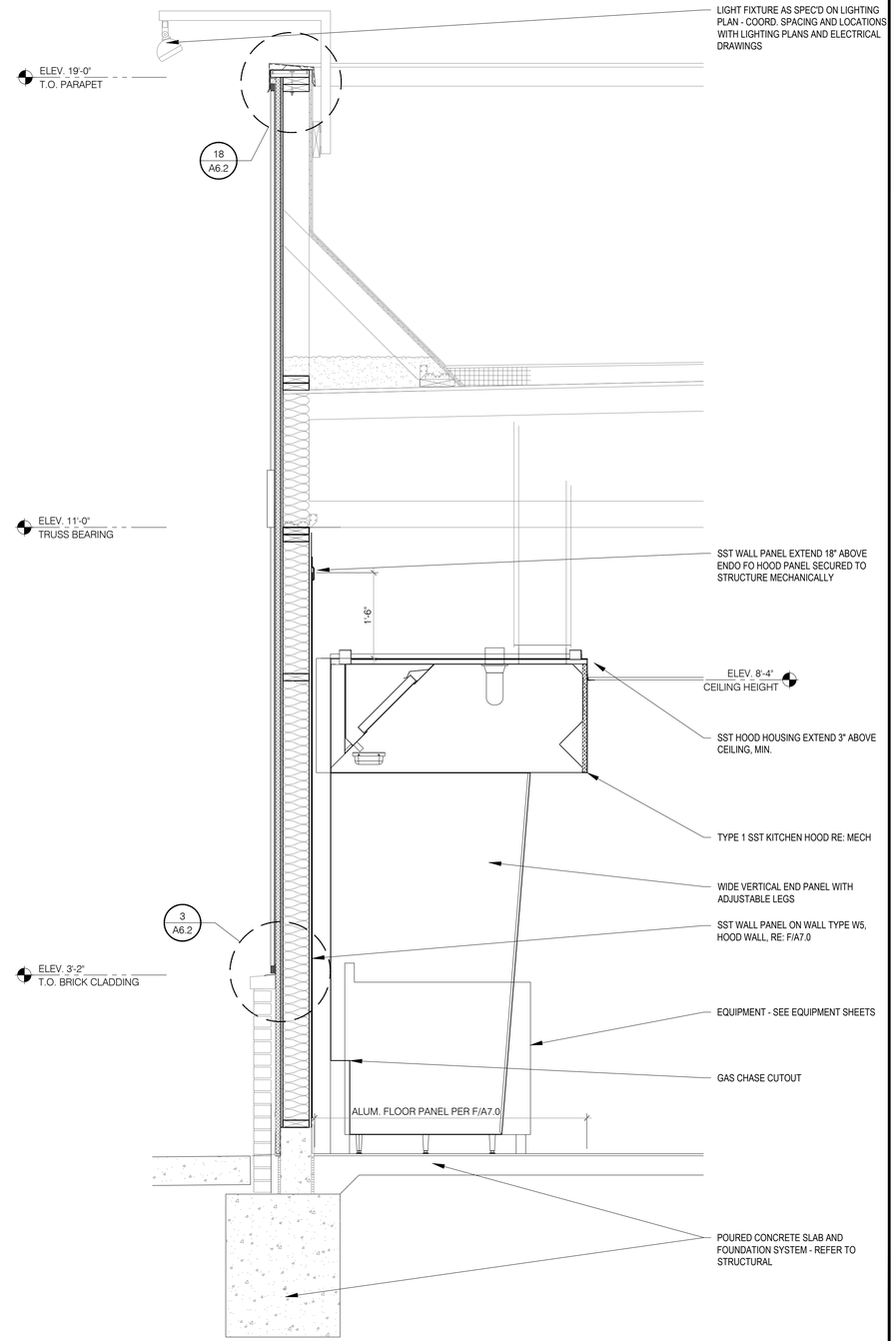
WALL SECTIONS

A5.1

PLOT DATE: 30.01.2022

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



WALL SECTION at COOK LINE (SIDE WALL) 3/4" = 1'-0" | **A**

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PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

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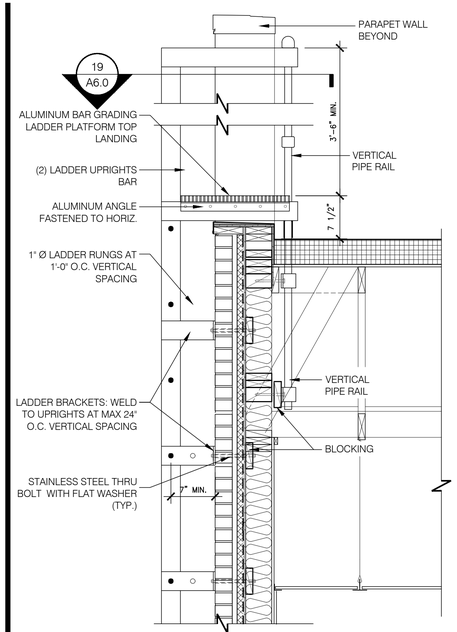
NG-30-22

WALL SECTIONS

A5.2

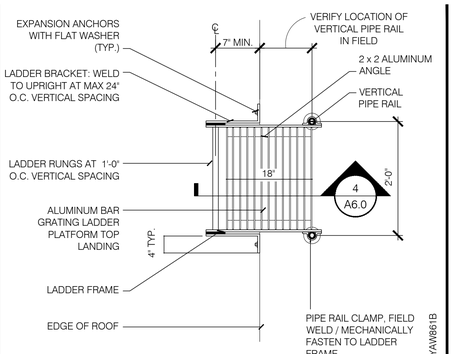
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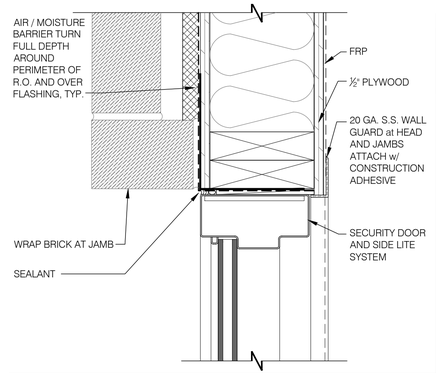


LADDER NOTES:
1. SUBMIT DRAWINGS AND CALCULATIONS IN COMPLIANCE WITH OSHA STANDARDS.
2. MATERIALS : ALUMINUM ALLOY WITH STAINLESS STEEL HARDWARE - GRIND WELDS SMOOTH.
3. RUNGS SHALL BE DESIGNED FOR A SINGLE CONCENTRATED LOAD OF 250 LBS APPLIED IN MIDDLE. RUNGS SHALL BE KNURLED OR PROVIDED WITH A SKID-RESISTANT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

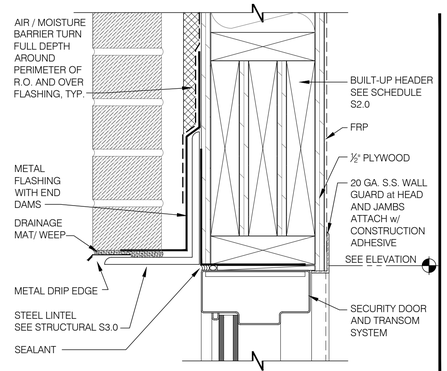
ROOF LADDER 1" = 1'-0" **15**



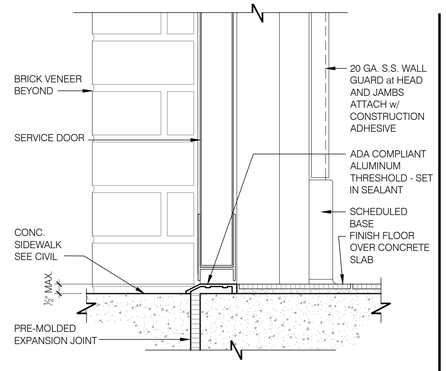
ROOF LADDER 1"=1'-0" **19**



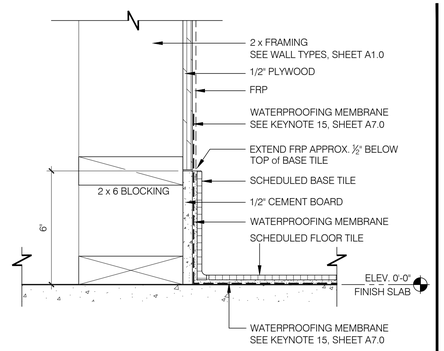
JAMB at SERVICE DOOR 3" = 1'-0" **18**



TRANSOM HEAD at SERVICE DOOR 3" = 1'-0" **17**

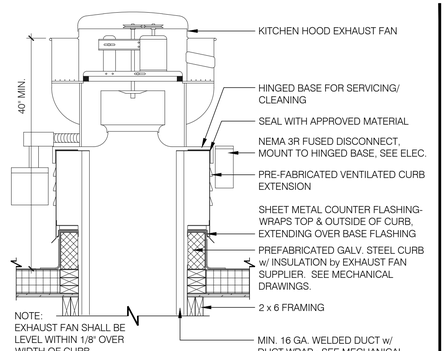


THRESHOLD at SERVICE DOOR 3"=1'-0" **16**

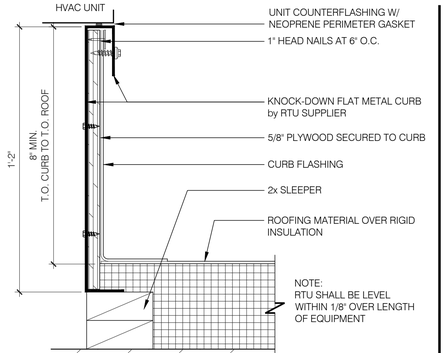


BASE at INT. PARTITION (KITCHEN) 3" = 1'-0" **14**

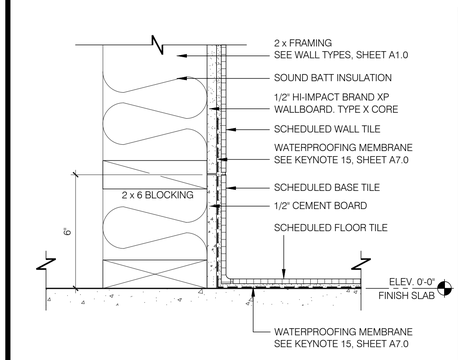
NOT USED n/a **13**



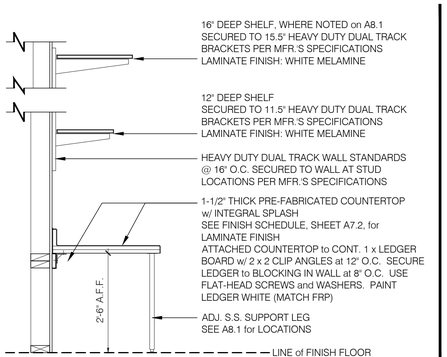
CURB for EXHAUST FANS EF-1 / EF-2 N.T.S. **12**



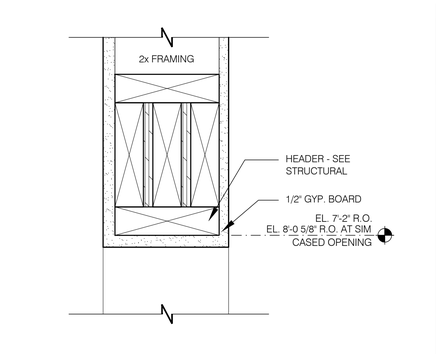
HVAC CURB 3"=1'-0" **11**



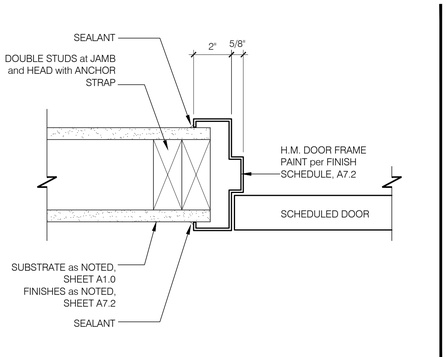
BASE at INT. PARTITION (RR's) 3" = 1'-0" **10**



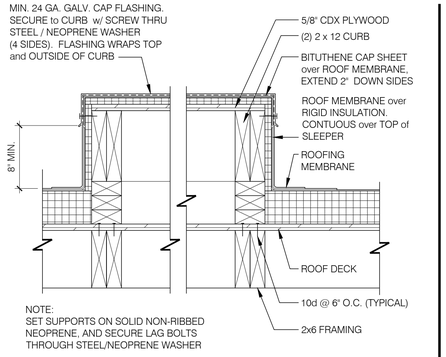
OFFICE COUNTER and SHELVING 3/4" = 1'-0" **9**



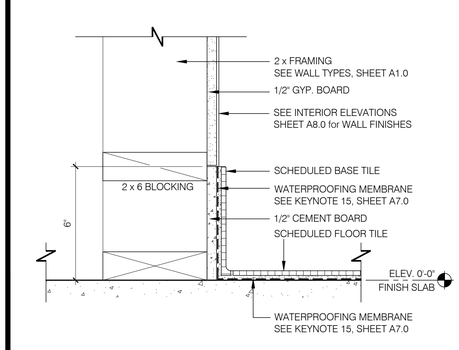
CASED OPENING DETAIL 3" = 1'-0" **8**



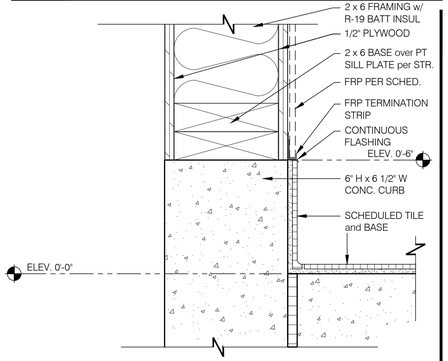
JAMB at H.M. DOOR (HEAD SIM.) 3" = 1'-0" **7**



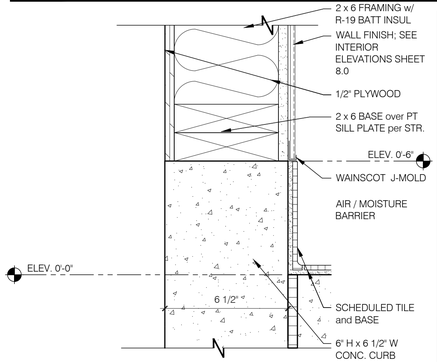
SLEEPER SUPPORT 1 1/2"=1'-0" **6**



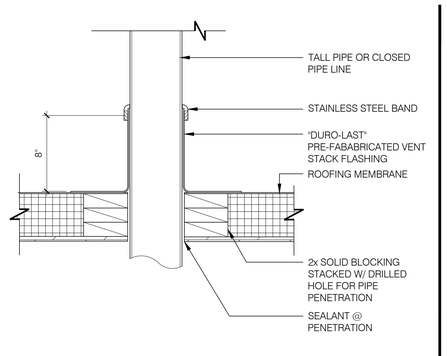
BASE at INT. PARTITION (DINING) 3" = 1'-0" **5**



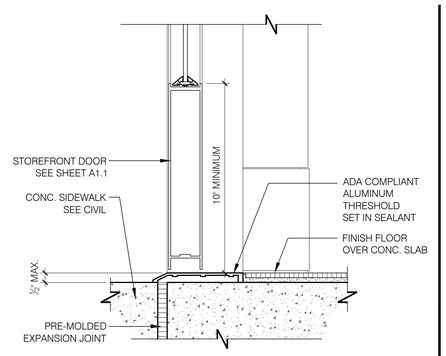
BASE at KITCHEN (SIDE and REAR) 3" = 1'-0" **4**



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



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



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

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
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CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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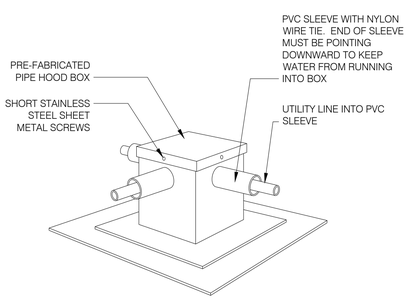
NG-30-22

CONSTRUCTION DETAILS

A6.0

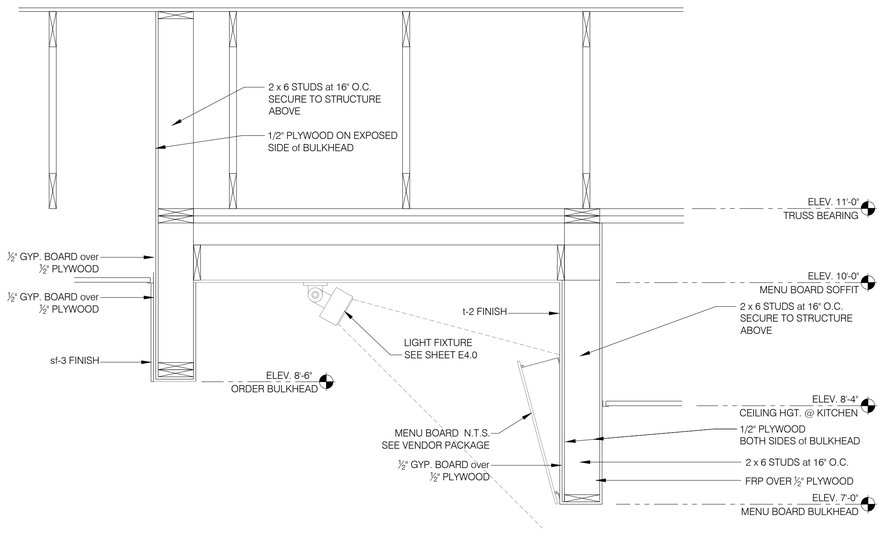
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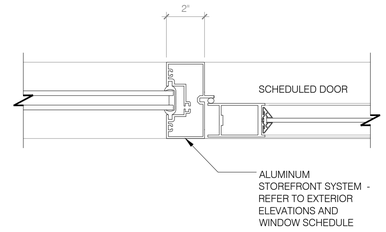


PRE-FABRICATED PIPE HOOD BOX BY EXCEPTIONAL METALS COMPANY; A SISTER-COMPANY OF DURO-LAST. MFR. # 2731. COORDINATE WITH TYPICAL ROOF OPENING DETAIL 17 / S4.2.

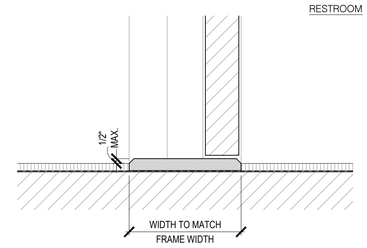
PIPE HOOD DETAIL NTS **10**



SECTION at MENU BOARD 3/4" = 1'-0" **8**

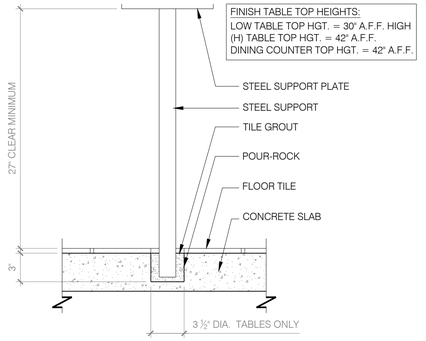


JAMB at ALUM. DOOR (HEAD SIM.) 3" = 1'-0" **12**

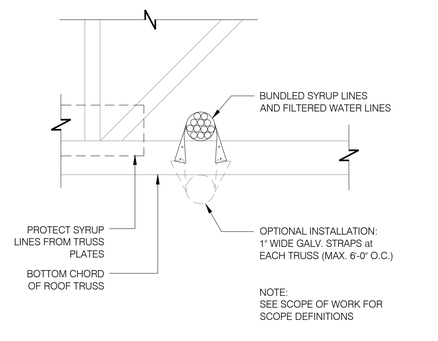


CHANGE IN ELEVATION BETWEEN 1/4" & 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN ONE UNIT VERTICAL AND TWO UNITS HORIZONTAL

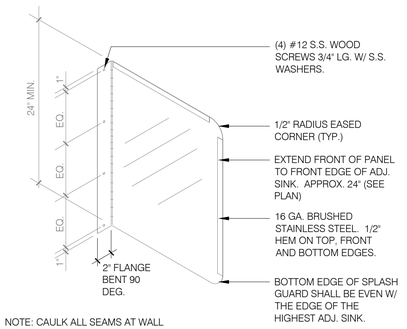
MARBLE SADDLE AT TILE FLOORING 3" = 1'-0" **11**



CORE DRILL 1-1/2" = 1'-0" **7**

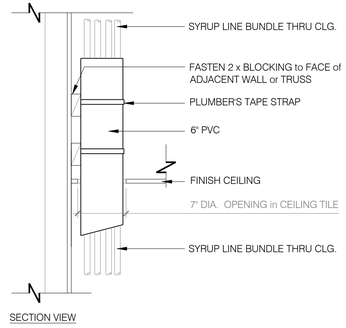


SYRUP LINE IN CEILING N.T.S. **6**



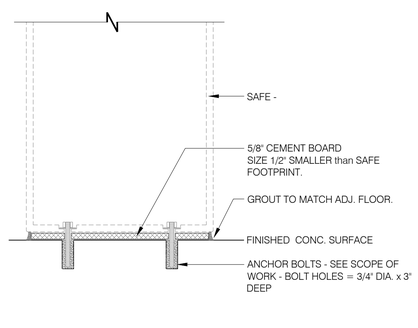
NOTE: CAULK ALL SEAMS AT WALL SURFACE.

SPLASH GUARD N.T.S. **5**

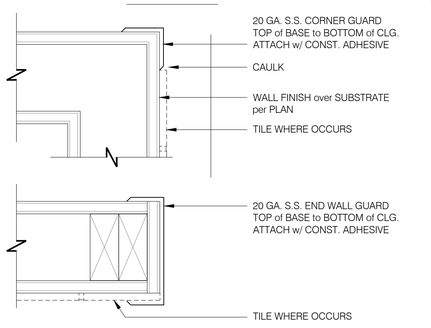


SECTION VIEW

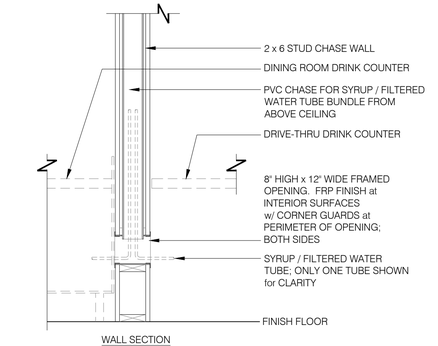
SYRUP BUNDLE CLG. PENETRATION N.T.S. **4**



SAFE PEDESTAL 1-1/2" = 1'-0" **3**



CORNER GUARD 3" = 1'-0" **2**



WALL SECTION

SYRUP CHASE IN WALL N.T.S. **1**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

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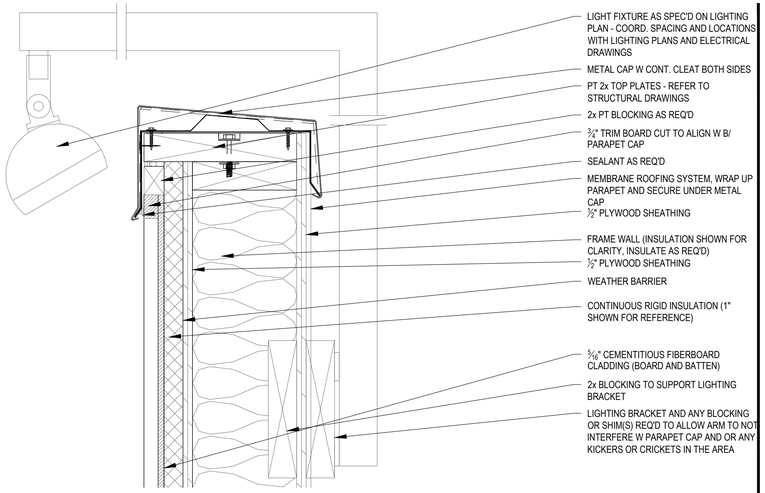
CONSTRUCTION DETAILS

A6.1

PLOT DATE: 30.01.2022

NOT USED -" = 1'-0" | **22**

NOT USED -" = 1'-0" | **20**

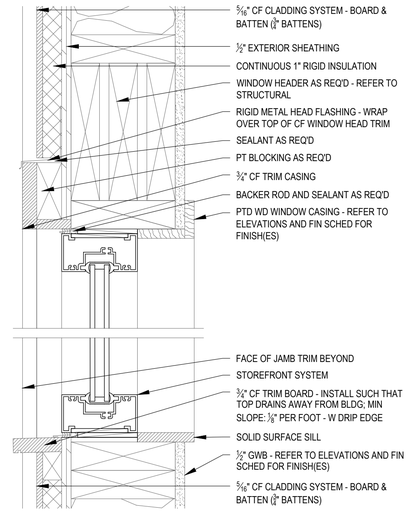


TYPICAL PARAPET CAP AND LIGHTING 3" = 1'-0" | **18**

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CONSULTANT'S SEAL

NOT USED -" = 1'-0" | **11**



FRAMED WINDOW HEAD AND SILL DETAILS 3" = 1'-0" | **9**

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

PLAN SET REVISIONS:

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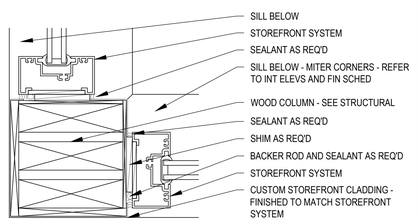
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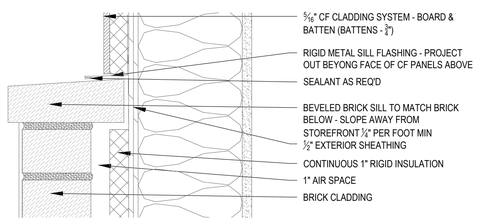
CONSTRUCTION DETAILS

A6.2

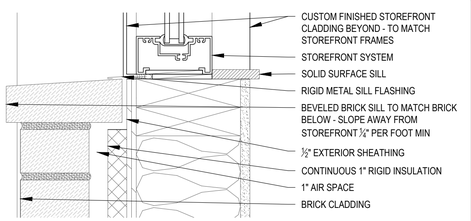
PLOT DATE: 30.01.2022



DINING ROOM STOREFRONT OUTSIDE CORNER 3" = 1'-0" | **5**



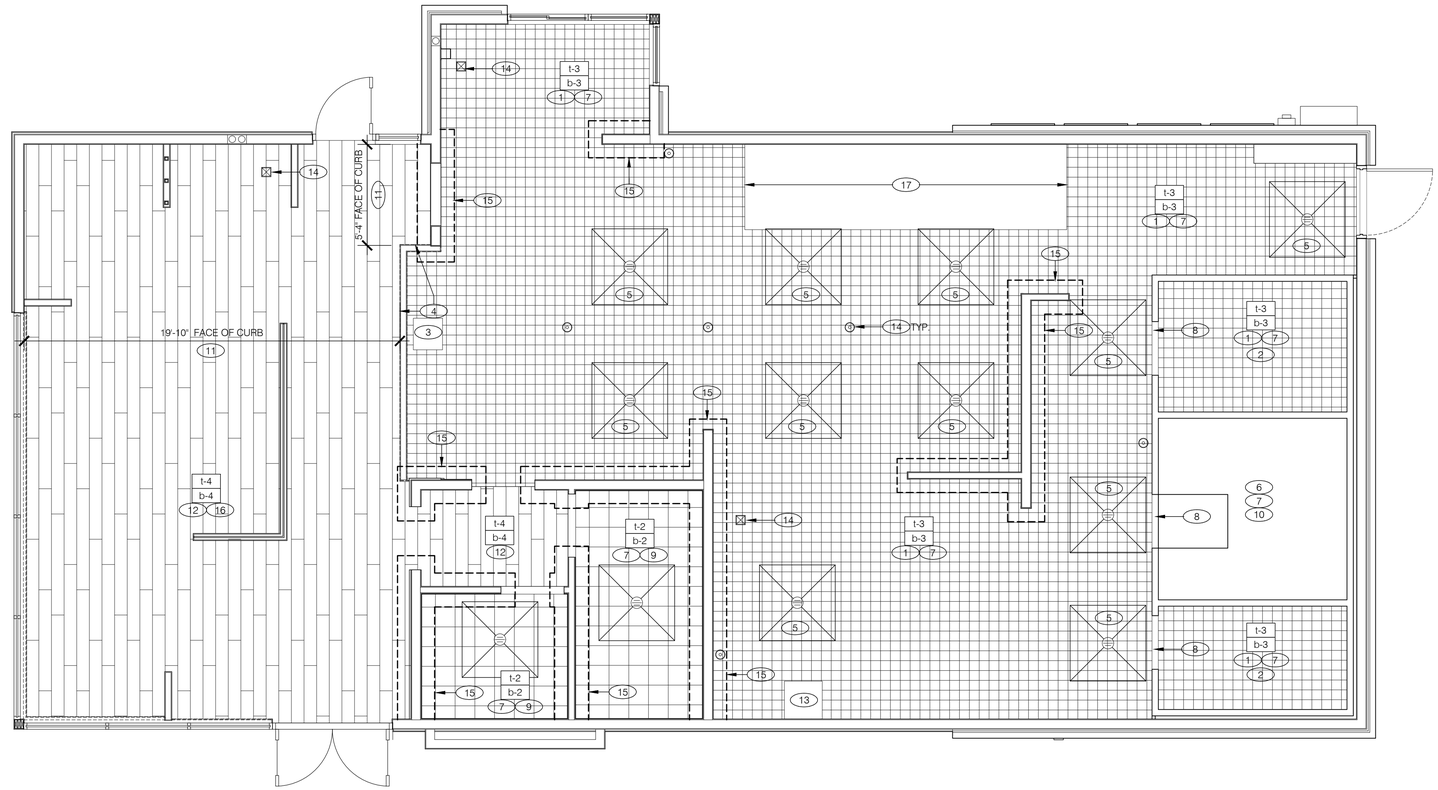
TYPICAL WATER TABLE 3" = 1'-0" | **3**



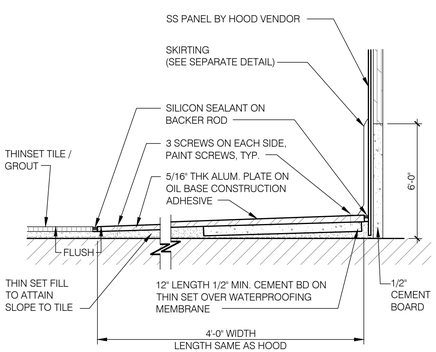
TYPICAL STOREFRONT WINDOW SILL 3" = 1'-0" | **1**

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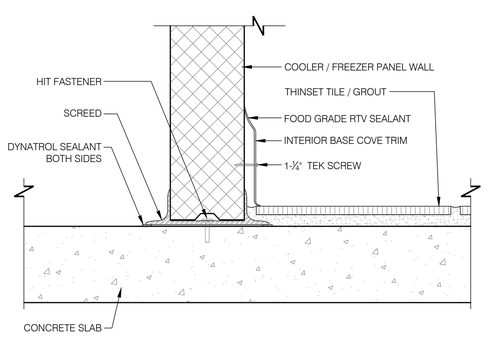
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FLOOR PLAN 1/4" = 1'-0" **A**



ALUM. FLOOR PLATE DETAIL 3" = 1'-0" **F**



TILE & BASE @ WALK-IN COOLER/FREEZER 3" = 1'-0" **E**

A. ▭ DENOTES FINISH MATERIAL. REFER TO SHEET 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.

FINISH NOTES **D**

1. 6" SANITARY COVE TILE BASE (BACK OF HOUSE). SEE DETAILS 4, 14/ A6.0.
2. PROVIDE FLOOR TILE INSIDE WALK-IN COOLER & STORAGE. FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH WALK-IN WALL CONFIGURATION.
3. PLATFORM FOR SAFE. SEE DETAIL 3 / A6.1.
4. FLOOR TILE TRANSITION FROM DINING ROOM TO KITCHEN SHALL BE FLUSH.
5. CUT / SLOPE TILE TO DRAIN.
6. METAL BASE IN FREEZER; SEE SCOPE OF WORK AND DETAIL E, THIS SHEET.
7. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS / SLOT DRAIN.
8. FLOAT FLOOR TILE TO MEET COOLER & STORAGE FLOORS FLUSH. COORDINATE WITH COOLER & STORAGE THRESHOLD INSTALLATION.
9. SANITARY COVE TILE BASE (RESTROOMS). SEE DETAIL 10/ A6.0.
10. FACTORY FLOOR FINISH (GALV. STL.) w/ INTEGRAL COVE BASE AND BUILT-IN INTERNAL RAMP IN WALK-IN FREEZER.
11. DIMENSION STRING REPRESENTS LINE OF FoH -to- BoH FLOOR TILE TRANSITION.
12. 6" COVE TILE BASE (DINING ROOM). SEE DETAILS 3, 5/ A6.0.
13. OMIT TILE AND BASE AT MOP SINK LOCATION.
14. OMIT TILE AT FLOOR SINK / HUB DRAIN LOCATIONS.
15. REDGUARD WATERPROOFING MEMBRANE, TYPICAL AT BASE OF INTERIOR PARTITION WALLS; ROLLER, TROWEL OR SPRAY APPLIED. COORDINATE INSTALLATION WITH FLOOR / BASE TILE MFR.

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

    NOTES:

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

    B. TERMINATE VERTICAL APPLICATION 6" ABOVE SLAB AT DINING ROOM SIDE OF APPLICABLE PARTITION WALLS; i.e., NO WAINSCOT WALL FINISH and/or NO WALL TILE FINISH. SEE SHEET A8.0.
16. CLIP DOWN LOCATIONS FOR SEATING / DECOR PACKAGE. PRIOR TO PERFORMING WORK. SEE SHEET A2.0.
17. ALUMINUM FLOOR PLATE. SEE F/A7.0 FOR SECTION DETAIL. SIZE TO MATCH HOOD ABOVE FOR FRONT AND 2 SIDES. EXTEND REAR END TO WALL BEHIND.

KEY NOTES **B**

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CONSULTANT'S SEAL

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3	012422 ORIGINAL ISSUE
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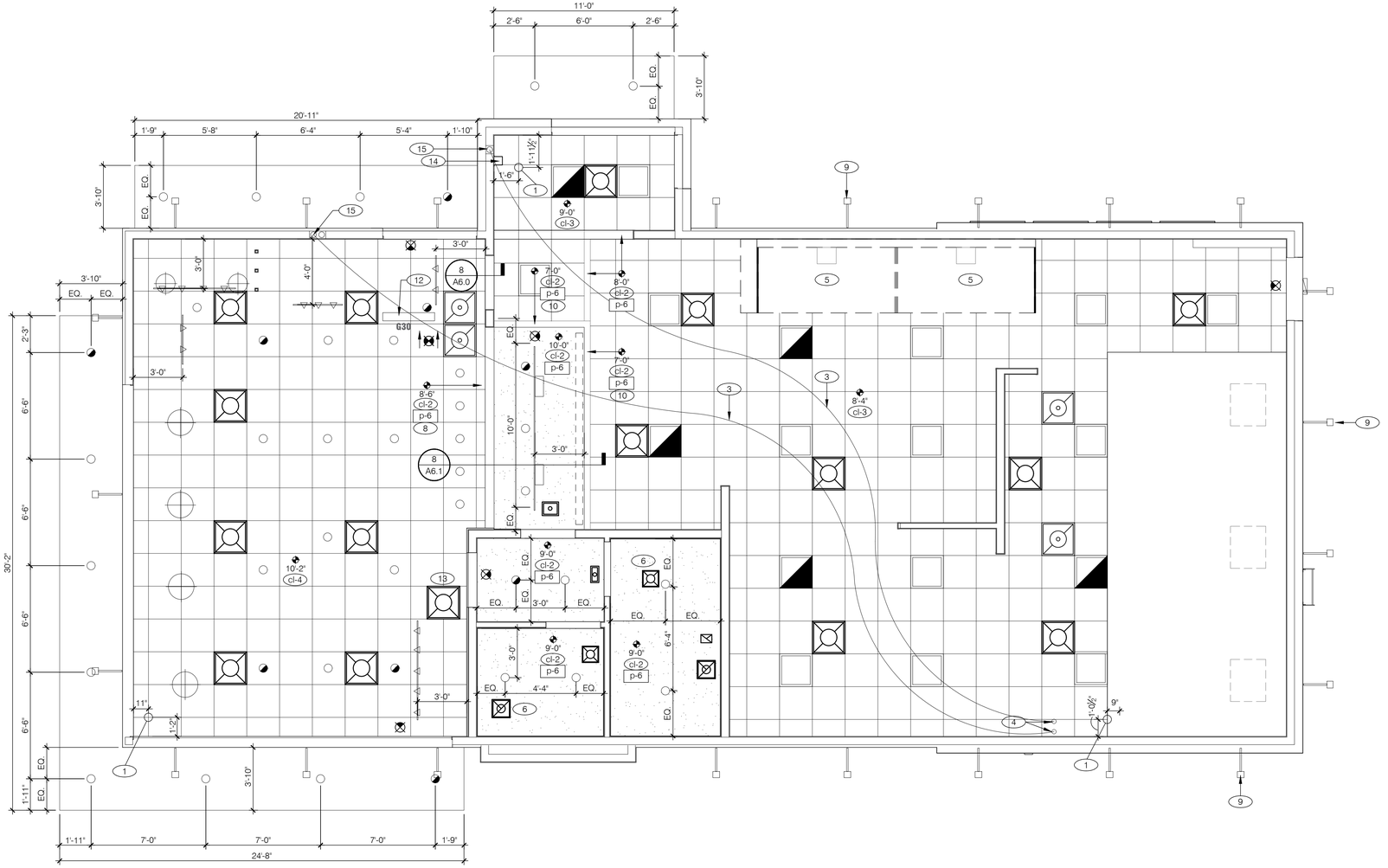
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NG-30-22

FLOOR FINISH PLAN

A7.0

PLOT DATE: 30.01.2022



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

NOT USED F

CEILING SYMBOL LEGEND E

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

REFLECTED CEILING PLAN NOTES D

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

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

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

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

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

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

KEY NOTES B

1. CEILING GRID STARTING POINT.
2. NOT USED.
3. SYRUP / FILTERED WATER TUBE BUNDLES FOR DRINK SYSTEM. SEE DETAILS 1, 4 and 6 / A6.1. SEE SCOPE OF WORK.
4. 6" DIA PVC STUB THROUGH CEILING, SEE DETAIL 1 / A6.1.
5. HOOD. SEE <E-241> SHEET A2.1.
6. SEE AIR DEVICE SCHEDULE FOR ROUGH FRAMING OPENINGS (TYP. AT RESTROOMS).
7. NOT USED.
8. BOTTOM OF ORDER AREA BULKHEAD AT 9'-0" A.F.F. SEE DETAIL 8/A6.1
9. EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECT. DWGS.
10. BOTTOM OF MENU BOARD BULKHEAD at 7'-0" A.F.F. SEE DETAIL 8 / A6.1.
11. SPEAKER (REFER TO SHEET E5.0 FOR SPEAKER LOCATIONS).
12. ONLINE ORDER PICKUP SIGN, NON-ILLUMINATED, SUSPENDED FROM CEILING.
13. LOCATE DIFFUSER AS REQUIRED BETWEEN TRUSSES. LOCATION IS DETERMINED BY DROP FROM TRUNK LINE DOWN BETWEEN TRUSSES.
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 / A6.1.

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NG-30-22

REFLECTED CEILING PLAN

A7.1

PLOT DATE: 30.01.2022

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REF.	DESCRIPTION	
	SITE SIGNAGE	
TAG	ITEM DESCRIPTION	ELEC
S12a	PYLON SIGN	YES
S25	NAVIGATIONAL SIGN	NO
B7d	DT CLEARANCE BAR	NO
B4e	ORDER CANOPY	YES
S15b	MENU BOARD	YES
S14a	WAYFINDING SIGNS (Welcome)	NO
S14b	WAYFINDING SIGNS (Thank You)	NO
S14c	WAYFINDING SIGNS (Enter)	NO
S14d	WAYFINDING SIGNS (Exit)	NO
S14e	WAYFINDING SIGNS (Do not enter)	NO
S16b	PREVIEW BOARD	YES
S17a	THIRD PARTY SIGN (DELIVERY DRIVER SIGN-if spots provided)	NO
S17b	CURBSIDE SIGN (QUICK PICK-UP PARKING SIGN - if spots provided)	NO
	EXTERIOR GRAPHICS	
TAG	ITEM DESCRIPTION	ELEC
B1c	STRIPED BANNER PANELS -SIGNAGE BY VENDOR	YES
B3e	DT CANOPY (TRED) -SIGNAGE VENDOR	YES
B9a	QUICK PICK UP CANOPY (RED - DT SIDE) SIGNAGE BY VENDOR	YES
B9b	L-SHAPE FRONT CANOPY (RED) - SIGNAGE BY VENDOR	YES
S3a	KFC LETTERS (RED) - 30" Primary Trademark	YES
S21b	COLONEL FACE @ BANNER PANELS	NO
S26	ORIGINAL RECIPE FEATURE	NO
S27a	ONLINE ORDER PICKUP -canopy face vinyl	NO
S27c	ONLINE PICKUP ARROW EMBLEM - Wall @ pick up entry	NO
S28	11 HERBS & SPICES -stencil	NO
S29	MADE FRESH EVERY DAY- stencil	NO
S30	KENTUCKY FRIED CHICKEN LETTERS	YES
S31a	ALL MY CHICKEN POSTER (W/FRAME)	NO
S31b	ORDER AHEAD POSTER (W/FRAME)	NO
S31c	FAST EASY PICK UP POSTER (W/FRAME)	NO
S31d	BEST INVENTION POSTER (W/FRAME)	NO
	INTERIOR GRAPHICS	
TAG	ITEM DESCRIPTION	ELEC
G9a	STORE HOURS	NO
G10d	RESTROOM GRAPHICS	NO
G11a	COLONELS'S OFFICE SIGN	NO
G12	RESTROOM MIRROR MESSAGE	NO
G15 a-f	BOH ARTWORK PACKAGE	NO
G30	ONLINE ORDER PICK-UP SIGN	NO
G31	DRINK GRAPHIC	NO
G32a	POSTER FRAME	NO
G33	SKIP THE LINE PICK-UP GRAPHIC	NO
G34	FOOD ART COLLAGE	NO
G35	WELCOME TRANSOM VINYL	NO
G36	COLONEL SIGNATURE (Etched look)VINYL - on ¾ wall glass screens	NO

ARTWORK SCHEDULE B

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

GENERAL NOTES C

FLOOR TILE

	DESCRIPTION	ALTERNATE / NOTE
t-1	NOT USED.	
t-2	MFR.: DALTILE TYPE: VOLUME 1.0 GLAZED PORCELAIN COLOR: INTENSITY PORCELAIN SIZE: 12" X 12" GROUT: CBP PRISM #540 TRUFFLE	LOCATION: RESTROOMS SEE TILE SUPPLIER CONTACT INFORMATION, THIS SHEET.
t-3	MFR.: DALTILE TYPE: QUEUETREAD QUARRY COLOR: CHARCOAL OQ96 SIZE: 6" x 6" GROUT: CBP PRISM #540 TRUFFLE	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER
t-4	MFR.: DALTILE TYPE: MERONA N032PLK840MT GLAZED CERAMIC COLOR: MR43 GREY, MATTE SIZE: 8" x 40" x 5/16" THICK GROUT: CBP PRISM #540 TRUFFLE	LOCATION: DINING REFER TO FINISH FLOOR PLAN FOR PATTERN

BASE TILE

	DESCRIPTION	ALTERNATE / NOTE
b-1	MFR.: DALTILE TYPE: MERONA GLAZED CERAMIC #N032PLK840MT COLOR: MR43 GREY, MATTE SIZE: 8" x 40" x 5/16"	LOCATION: DINING CUT TILE TO 6" H. FOR BASE. PLACE CUT EDGE OF TILE TOWARDS FLOOR
b-2	MFR.: DALTILE TYPE: COLOR WHEEL LINEAR - COVE BASE COLOR: ARCTIC WHITE 0190 (GLOSS) SIZE: 4" x 12" x 3/8" GROUT: CBP PRISM #546 CAPE GRAY	LOCATION: RESTROOMS SEE TILE SUPPLIER CONTACT INFORMATION, THIS SHEET.
b-3	MFR.: DALTILE TYPE: SANITARY COVE COLOR: MATCH (t-3) FLOOR TILE SIZE: 5" x 6" GROUT: CBP PRISM #546 CAPE GRAY	LOCATION: KITCHEN WALK-IN CHICKEN COOLER WALK-IN VEGGIE COOLER
b-4	MFR.: JOHNSONITE TYPE: MILLWORK WALL BASE MANDALAY COLOR: 40 BLACK SIZE: 6" TOELESS - .375" w X 6" h	LOCATION: DINING ROOM BASE

WALL TILE

	DESCRIPTION	ALTERNATE / NOTE
wt-1	MFR.: DALTILE TYPE: COLOR WHEEL LINEAR (GLAZED) COLOR: ARCTIC WHITE 0190 MATTE SIZE: 4" x 8" x 3/8" GROUT: CBP PRISM #546 CAPE GRAY	LOCATION: RESTROOMS SEE TILE SUPPLIER CONTACT INFORMATION, THIS SHEET. REFER TO INTERIOR ELEVATIONS FOR PATTERN.
wt-2	MFR.: DALTILE TYPE: COLOR WHEEL LINEAR COLOR: DESERT GREY X714 (MATTE) SIZE: 4" x 12" x 3/8" GROUT: CBP PRISM #546 CAPE GRAY	LOCATION: MENU BOARD BULKHEAD AND SERVICE COUNTER WALLS. REFER TO INTERIOR ELEVATIONS

SPECIAL FINISH

	DESCRIPTION	ALTERNATE / NOTE
sf-1	MFR.: JAMES HARDIE TYPE: HARDIPANEL (BOARD AND BATTEN) COLOR: PRIMED FOR PAINT FINISH: SMOOTH CONTENT: ACRYLIC RESIN AND NATURAL MATERIAL	www.jameshardie.com HARDIE PANEL VERTICAL SIDING - SMOOTH
sf-2	MFR.: CREATIVE PALETTE TYPE: FAUX BRICK WALL MATERIAL COLOR: RED SPECIALTY: PRE-PRINTED MURAL	ORDERED BY DECOR SUPPLIER INSTALLED BY GENERAL CONTRACTOR
sf-3	MFR.: CREATIVE PALETTE TYPE: FAUX BRICK WALL MATERIAL COLOR: RED	ORDERED BY DECOR SUPPLIER INSTALLED BY GENERAL CONTRACTOR
sf-5	MFR.: MILLWORK VENDOR TYPE: BOARD & BATTEN WAINSCOT COLOR: WHITE FINISH:	

PAINT

	DESCRIPTION	ALTERNATE / NOTE
p-1	MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: EXOTIC RED 2086-10 LOCATION: EXTERIOR NOTE: LOW LUSTRE (634)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110
p-2	MFR.: BENJAMIN MOORE TYPE: REGAL SELECT PAINT COLOR: WEDDING VEIL 2125-70 LOCATION: EXTERIOR NOTE: LOW LUSTRE (N401)	MASONRY SUBSTRATE PRIMER: N068 GLAZED TILE SUBSTRATE PRIMER: SXA-110
p-3	MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: BLACK HORIZON 2132-30 LOCATION: EXTERIOR NOTE: LOW LUSTER (634)	
p-4	MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: LaPALOMA GRAY 1551 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)	
p-5	MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: ONYX 2133-10 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)	
p-6	MFR.: BENJAMIN MOORE TYPE: PRECATALYZED EPOXY COLOR: WEDDING VEIL 2125-70 NOTE: INTERIOR WALLS - EGG SHELL (V342) DOORS & FRAMES - SEMI GLOSS (V341)	
p-7	MFR.: BENJAMIN MOORE TYPE: AURA EXTERIOR PAINT COLOR: ONYX 2133-10 LOCATION: EXTERIOR NOTE: LOW LUSTRE (634)	
p-8	MFR.: BENJAMIN MOORE TYPE: AURA INTERIOR PAINT COLOR: EXOTIC RED 2086-10 LOCATION: HALLWAY - EGG SHELL (V342)	

PLASTIC LAMINATE

	DESCRIPTION	ALTERNATE / NOTE
pl-1	MFR.: TBD TYPE: HORIZONTAL GRADE LAMINATE COLOR: TO MATCH BM ONYX 2133-10	

METAL

	DESCRIPTION	ALTERNATE / NOTE
m-1	MFR.: TBD MATERIAL: METAL FINISH: TO MATCH BM EXOTIC RED 2086-10	
m-2	MFR.: TBD MATERIAL: METAL FINISH: TO MATCH BM WEDDING VEIL 2125-70	

CEILINGS

	DESCRIPTION
cl-4	MFR.: ARMSTRONG: FINE FISSURED, # 928; SQUARE EDGE TYPE: 24" x 24" COLOR: GREY STONE GRID: PRELUDE 1 STANDARD DUTY LOAD - GREY STONE EXPOSED TEE NOTE: FLAME SPREAD RATING 0-25, CLASS A
cl-2	MFR.: GYPSUM BOARD TYPE: 1/2: THICK COLOR: SEE SHEET A7.1 NOTE: OVER 2x FRAMING AT 24" O.C. COORDINATE FRAMING WITH MECHANICAL AND ELECTRICAL FIXTURES.
cl-3	MFR.: ACOUSTIFLEX CORP. TYPE: CAPUAL VINYL ROCK #1140, WHITE, WASHABLE, NON-PERFORATED SIZE: 24" x 48" x 1/2" GRID: WHITE SUSPENDED GRID w/ALUM. FACE NOTE: FLAME SPREAD RATING 0-25, CLASS A

SOLID SURFACE

	DESCRIPTION	ALTERNATE / NOTE
ss-1	NOT USED	
ss-3	MFR.: STARON COLOR: ONYX ON095 FINISH: MATTE/SATIN FINISH THICKNESS: 3/4" THICK	USED AT WINDOW SILLS AND PARTIAL HEIGHT WALL CAPS.

BRICK

	DESCRIPTION	ALTERNATE / NOTE
br-1	MFR.: THE BELDEN BRICK COMPANY SERIES: MODULAR FACE BRICK c216 TYPE: FBX COLOR: BLACK DIAMOND VELOUR SIZE: STANDARD FINISH: VELOUR PATTERN: STANDARD RUNNING BOND MORTAR: LATICRETE PREMIUM POINTING COLOR #45 RAVEN	EXTERIOR APPLICATION
br-2	MFR.: THE BELDEN BRICK COMPANY SERIES: MODULAR FACE BRICK c216 TYPE: FBX COLOR: ALASKA WHITE VELOUR SIZE: STANDARD FINISH: VELOUR PATTERN: STANDARD RUNNING BOND MORTAR: SM200 BRILLANT WHITE PORTLAND CEMENT + LIME, TYPE N	EXTERIOR APPLICATION

WALL COVERING

	DESCRIPTION	ALTERNATE / NOTE
frp-1	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE LOCATION: KITCHEN NOTE: -	
frp-2	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE LOCATION: KITCHEN (BREADING TABLE AREA ONLY) NOTE: NO COLOR VARIATIONS ACCEPTED	

CONTACT INFORMATION

COMPANY / CONTACT	COMPANY / CONTACT
PAINT BENJAMIN MOORE KURT MCCLELLAND PHONE: 800.635.5147 CELL PH: 502.640.1608 EMAIL: KURT.MCCLELLAND@BENJAMINMOORE.COM	BELDEN BRICK CO DIVISION 4 INC. CONTACT: JIM STRADLEY PHONE: 513-396-7625 E-MAIL: STRADS@DIVISION4.COM
JOHNSONITE SCOTT STERTMEYER PHONE: 800.899.8916 EXT. 5759 CELL PH: 713.254.9791 EMAIL: SCOTT.STERTMEYER@JOHNSONITE.COM	MARLITE CONTACT: DAN EGBERS PHONE: 330.343.6621 CELL PH: 330.260.7633 EMAIL: DEGBERS@MARLITE.COM
DALTILE CONTACT: TIM PHOENIX CELL PH: 802.343.3656 EMAIL: TIM.PHOENIX@DALTILE.COM	

FINISH SCHEDULE A

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

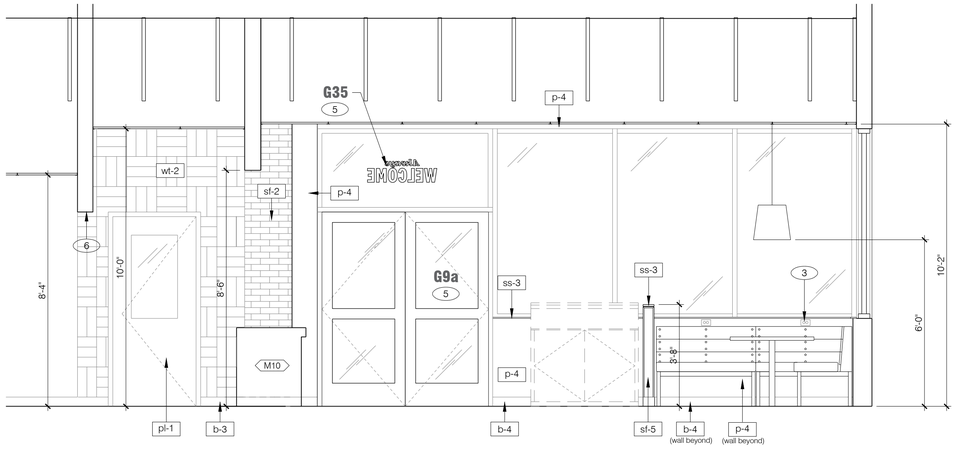
NG-30-22

FINISH SCHEDULE

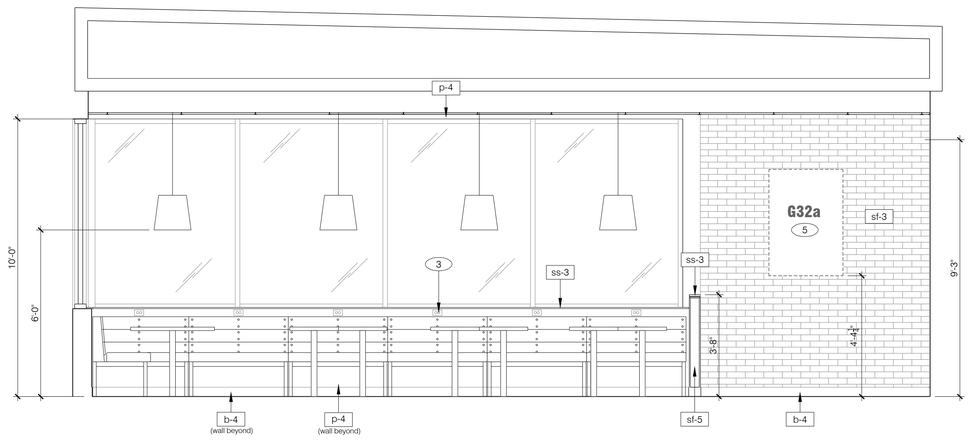
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PLOT DATE: 30.01.2022

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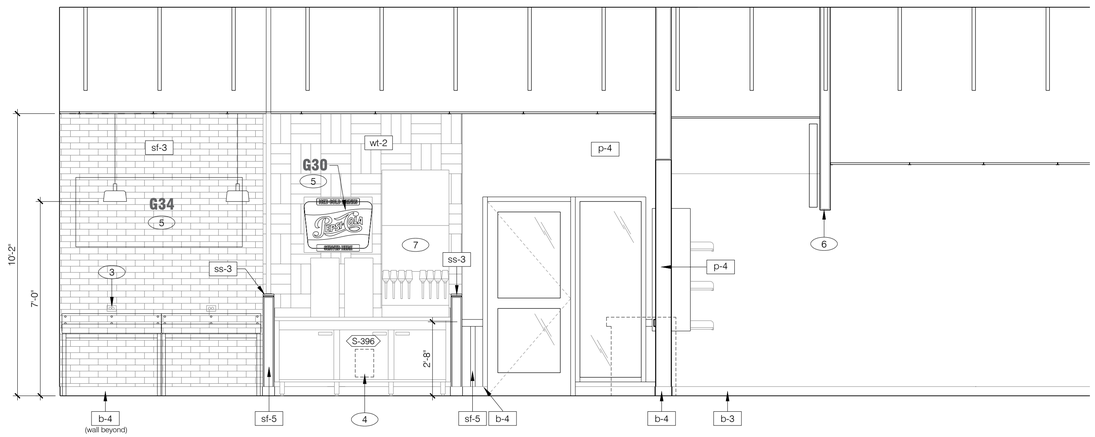


DINING ROOM 3/8" = 1'-0" **5**



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

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

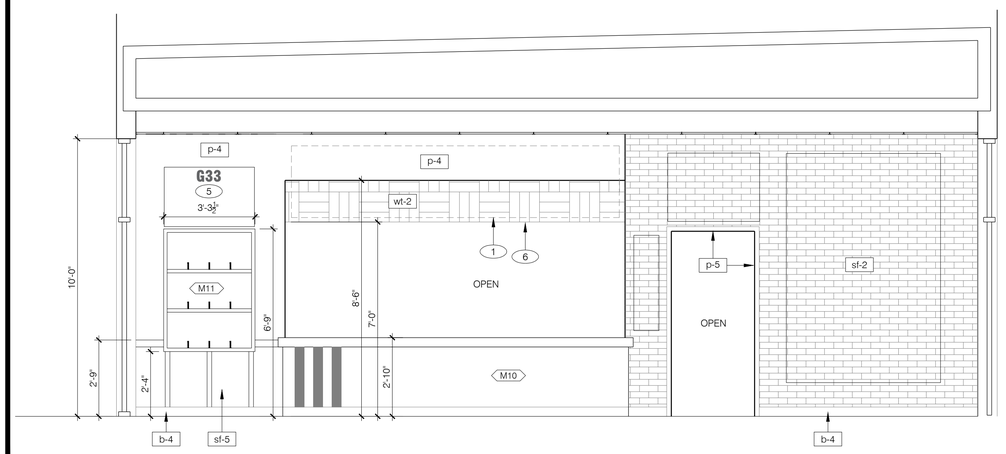
GENERAL NOTE:

1. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.
2. FOR MILLWORK REFERENCE INFORMATION, REFER TO SCHEDULE D ON SHEET A2.0.

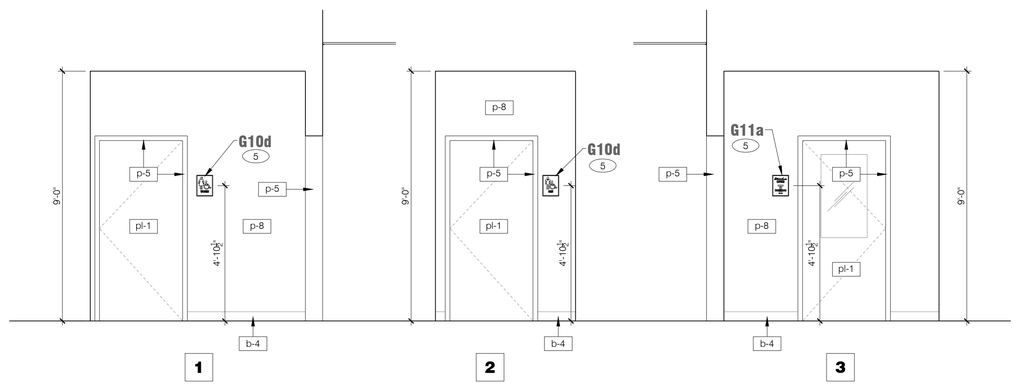
KEY NOTES:

1. MENU BOARD; SEE SCOPE OF WORK.
2. NOT USED.
3. DUPLEX OUTLET ABOVE BANQUETTE. COORDINATE WITH MILLWORK. REFER TO ELECTRICAL PLANS
4. 8" x 12" OPENING FOR SYRUP / FILTERED WATER TUBE BUNDLES. SEE 1, 4, 6 / A6.1.
5. REFER TO ARTWORK SCHEDULE ON SHEET A7.2.
6. MENUBOARD BULKHEAD. SEE DETAIL 8 / A6.1.
7. DRINK STATION, PEPSI MACHINE; COORDINATE REACH HEIGHT / DEPTH with ADA.1.

GENERAL NOTE + KEY NOTES **A**



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



PASSAGE 3/8"=1'-0" **1**

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

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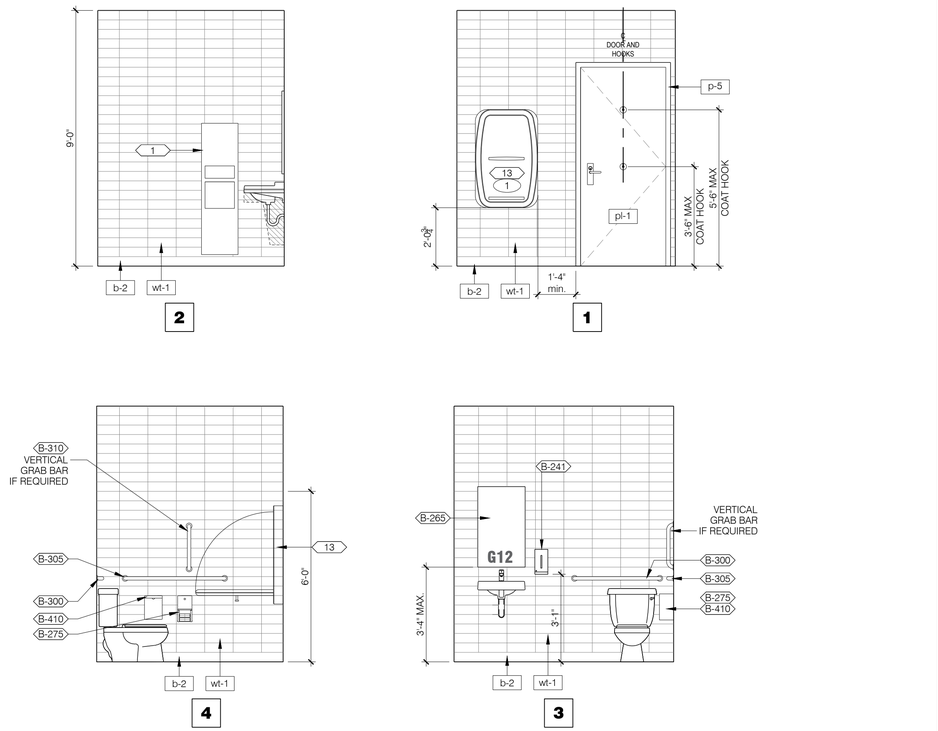
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INTERIOR ELEVATIONS DINING ROOM

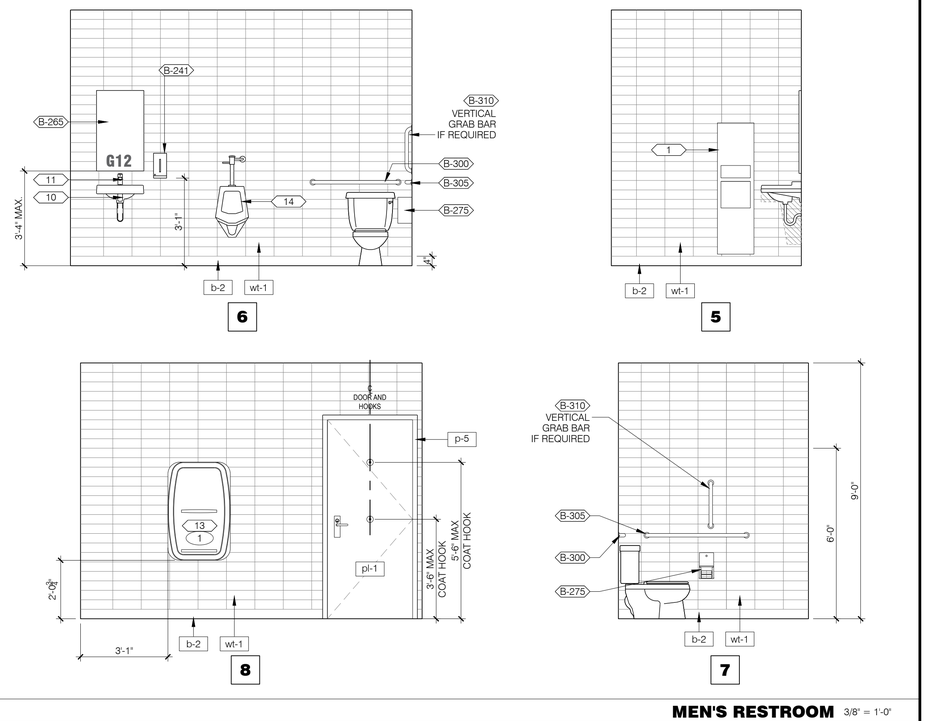
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PLOT DATE: 30.01.2022

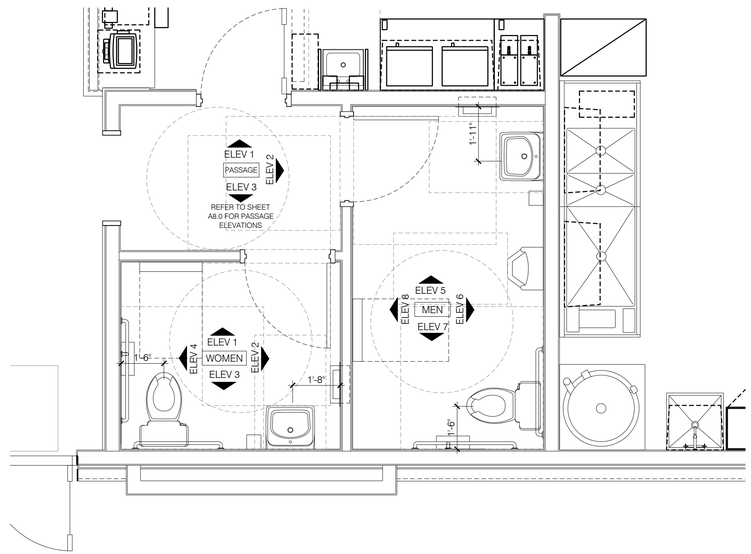
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WOMEN'S RESTROOM 3/8" = 1'-0"



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



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

X	EQ #	DESCRIPTION	SPECIFICATION
1		RECESSED TRASH, HAND DRYER AND PAPER TOWEL DISPENSER	ASI 3-IN-1 PAPER TOWEL DISPENSER, HIGH SPEED HAND DRYER AND WASTE RECEPTACLE; WHITE, 64672-00
2	B-241	SOAP AND SANITIZER DISPENSER	BOBRICK B-2013 AUTOMATIC WALL MOUNTED FOAM SOAP/SANITIZER DISPENSER
3	B-410	SANITARY NAPKIN DISPOSAL	BOBRICK B270 SURFACE MOUNT
4	B-305	1050mm GRAB BAR (HORIZONTAL)	BOBRICK B-6806 - 42"
5	B-300	900mm GRAB BAR (HORIZONTAL)	BOBRICK B-6806 - 36"
6	B-310	450mm GRAB BAR (VERTICAL)	BOBRICK B-6806 - 18"
7	B-275	TOILET PAPER DISPENSER	BOBRICK B288 SURFACE MOUNT
8	B-265	MIRROR	BURKE DECOR RECTANGULAR WALL MIRROR; BLACK; ITEM #8020539
9		COAT HOOK	BOBRICK B-6827
10		SINK	KOHLER VOX RECTANGULAR VESSEL SINK, WHITE, K-5373-0
11		FAUCET	KOHLER PURIST, WALL MOUNTED TOUCHLESS FAUCET; CHROME; K-T11839-CP
12		WATER CLOSET	AMERICAN STANDARD MADERA, ITEMS A3043001020, B1655CT000 AND A65065161002
13		DIAPER CHANGING STATION	KOALA KARE VERTICAL STAINLESS STEEL WALL MOUNTED BABY CHANGING STATION; KB111-SSWM
14		URINAL	TBD

ACCESSORIES

GENERAL NOTES:

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

KEYNOTES:

(1) PROVIDE 2X BLOCKING FOR WALL MOUNTED BABY CHANGING TABLES. INSTALL PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0

GENERAL NOTES / KEY NOTES **B**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

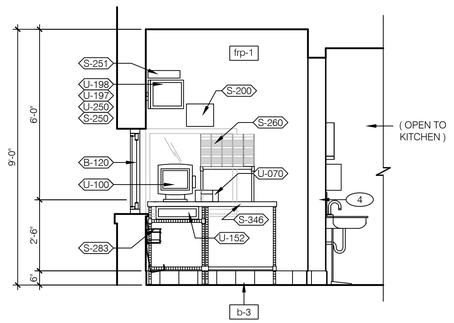
123 MAIN STREET
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NG-30-22

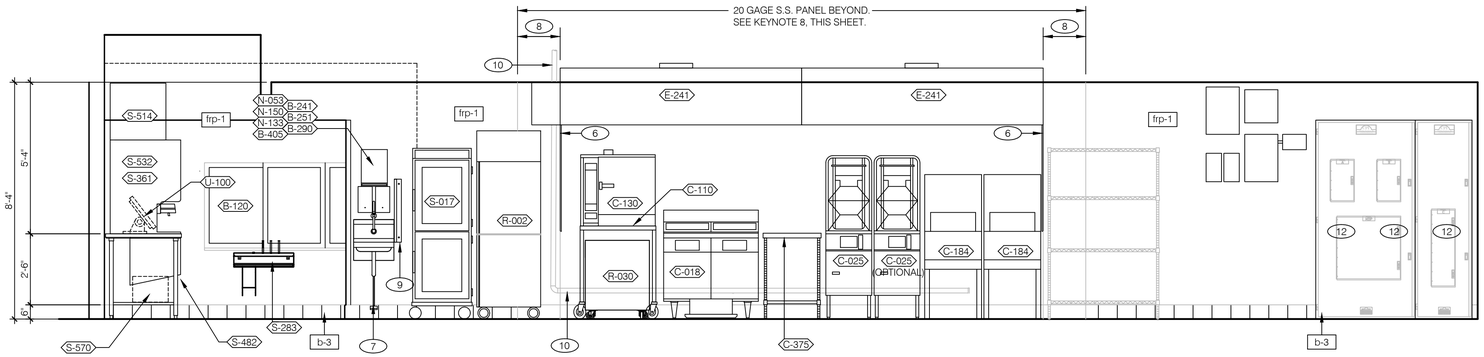
INT. ELEV's ENLARGED RESTROOM PLAN

A8.1

PLOT DATE: 30.01.2022

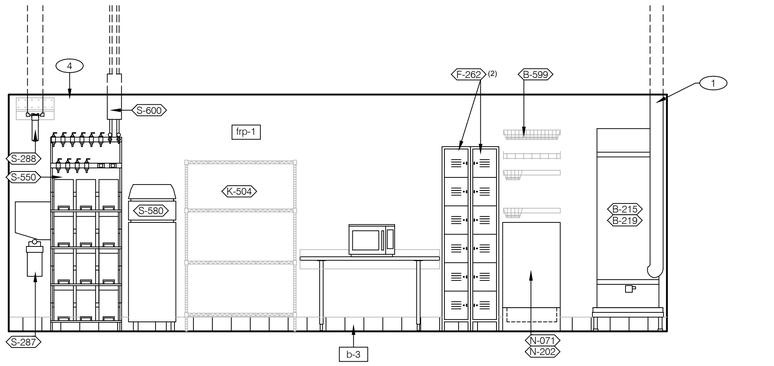


4 DRIVE THRU

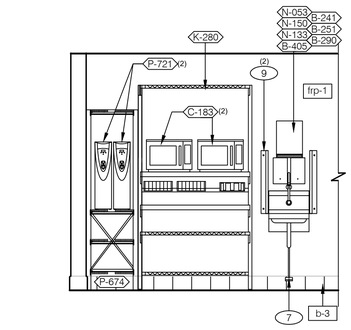


3 DRIVE THRU **2 COOK LINE** **1 UTILITY**

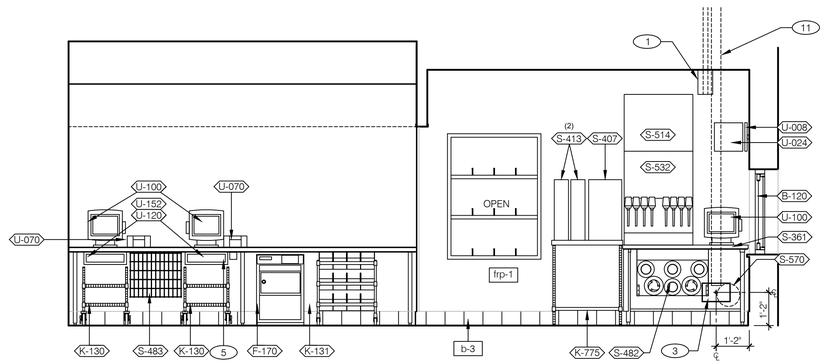
KITCHEN ELEVATIONS 3/8" = 1'-0"



9 UTILITY **8 EMPLOYEE**

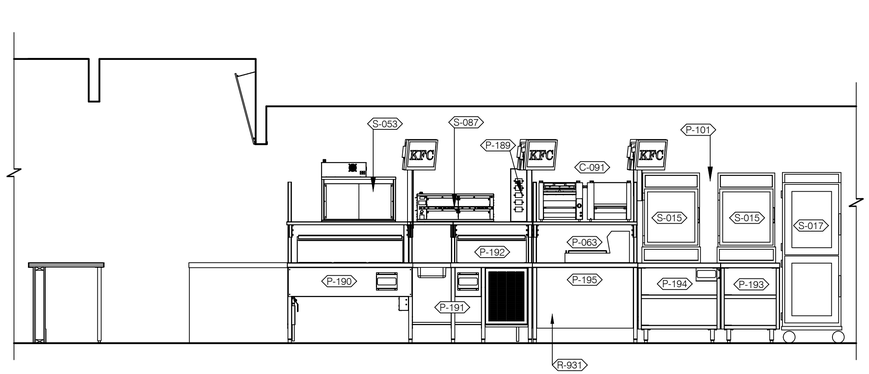


7 PREP. LINE

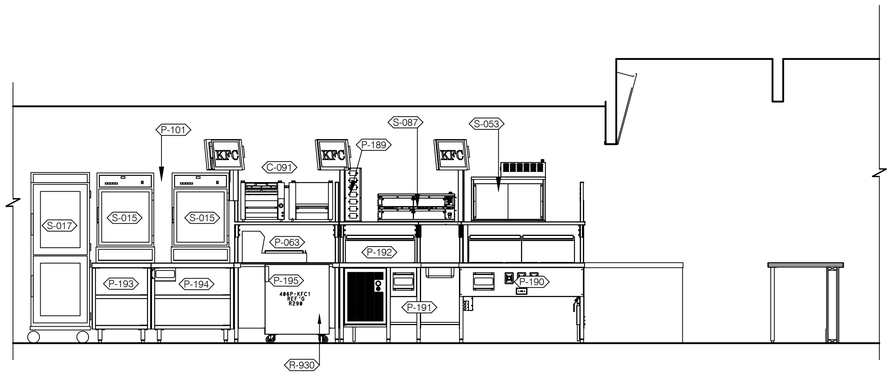


6 SERVING COUNTER **5 DRIVE-THRU / PICK-UP**

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



11 PACK LINE (FRONT VIEW)



10 PACK LINE (BACK VIEW)

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

1. 6" X 6' STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES; CEILING TO TOP OF ICE MACHINE; BY GENERAL CONTRACTOR.
2. ANSUL CABINET.
3. 8" x 12" OPENING FOR SYRUP / FILTERED WATER TUBE BUNDLE. SEE 1 / A6.1.
4. S.S. CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 2 / A6.1.
5. HOLD-UP BUTTON; SEE E5.0.
6. S.S. END SKIRT.
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 5 / A6.1.
10. GAS RISER. SEE KEYNOTE 18 / P3.0.
11. SYRUP / FILTERED WATER TUBE BUNDLES FOR DRINK SYSTEM.
12. ELECTRICAL PANELS.

KEY NOTES **A**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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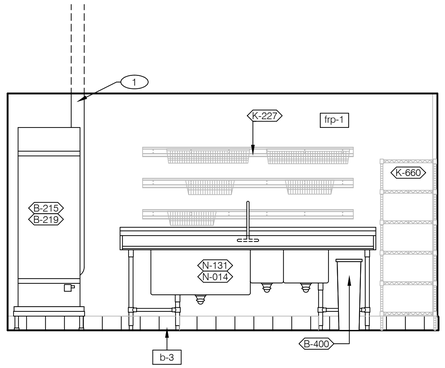
NG-30-22

INTERIOR ELEVATIONS KITCHEN

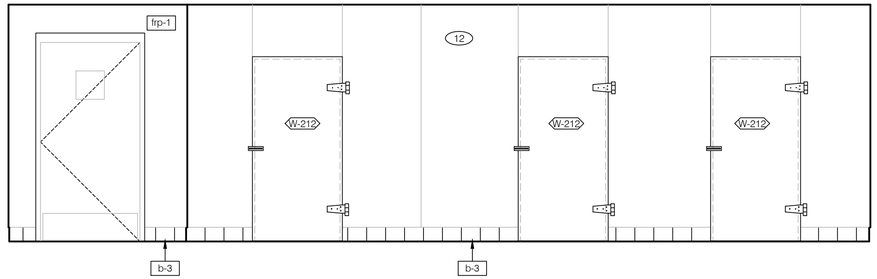
A8.2

PLOT DATE: 30.01.2022

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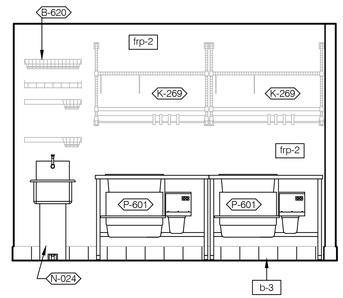
14 WARE WASHING



13 UTILITY

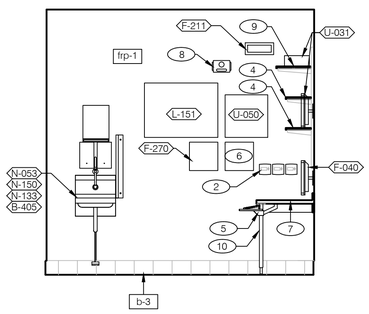
12 WALK-IN COOLER/FREEZER

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

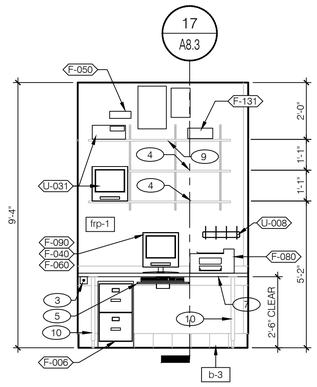


15 BREADING

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



17 OFFICE / HAND WASH



16 OFFICE

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

1. WATER HEATER VENT. SEE PLUMBING DRAWINGS.
2. THERMOSTAT BY (EMS) SUPPLIER.
3. HOLD UP BUTTON (SECURITY SYSTEM SUPPLIER)).
4. 12" DEEP WHITE MELAMINE SHELVING W/ 11.5" SHELF BRACKETS. SEE DETAIL 9 / A-6.0.
5. UNDER COUNTER KEYBOARD TRAY.
6. 12" x 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
7. 1-1/2" LAMINATE COUNTERTOP w/ INTEGRAL SPLASH. SEE DETAIL 9 / A-6.0 FOR SUPPORT SYSTEM; SEE SHEET A-7.2 FOR FINISHES.
8. DATA CONCENTRATOR (ROUTER) BY (EMS) SUPPLIER. SEE SHEETS E3.1 and E6.1
9. 16" DEEP WHITE MELAMINE SHELVING @ TOP SHELF OVER MONITORS ONLY. SEE DETAIL 9 / A-6.0.
10. S.S. COUNTERTOP SUPPORT LEG w/ ADJUSTABLE BASE (BY G.C.). QTY. 4.
11. NOT USED.
12. WALK-IN COOLER/FREEZER BOX.
13. TELEPHONE TERMINAL BOARD.
14. GROMMET; COORDINATE LOCATIONS WITH OWNER.
15. SCHLUTER SYSTEM - SCHIENE - RADIUS, R/AE100, 3/8", SATIN ALUMINUM.
16. LINE OF TRANSITION FROM CEMENT BOARD TO GYPSUM BOARD SUBSTRATE. SEE WALL TYPE 7, SHEET A1.0.

KEY NOTES | **A**

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

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2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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NG-30-22

INTERIOR ELEVATIONS KITCHEN / OFFICE

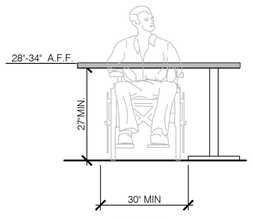
A8.3

PLOT DATE: 30.01.2022

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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

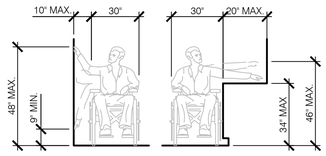


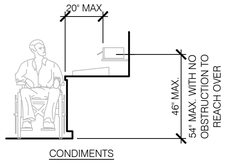
ELEVATION

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

CORRESPONDING REACH HEIGHTS
FOR GIVEN DEPTHS:

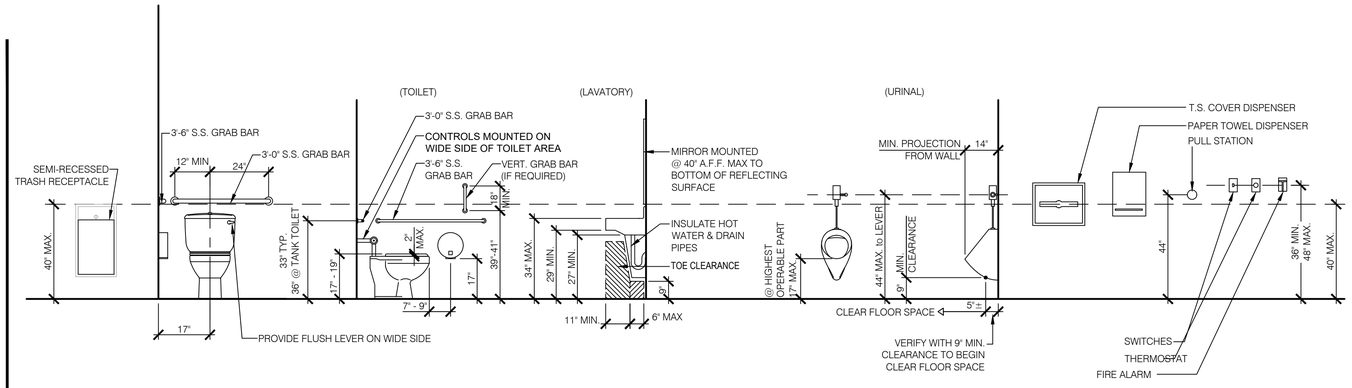
when D < 10", then H = 54.0" MAX.
when D = 10", then H = 53.5" MAX.
when D = 12", then H = 53.0" MAX.
when D = 13", then H = 52.5" MAX.
when D = 14", then H = 51.5" MAX.
when D = 15", then H = 51.0" MAX.
when D = 16", then H = 50.5" MAX.
when D = 17", then H = 50.0" MAX.
when D = 18", then H = 49.5"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



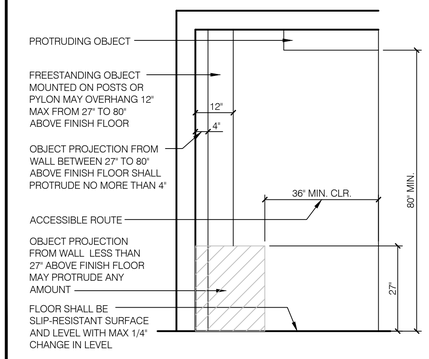


CONDIMENTS

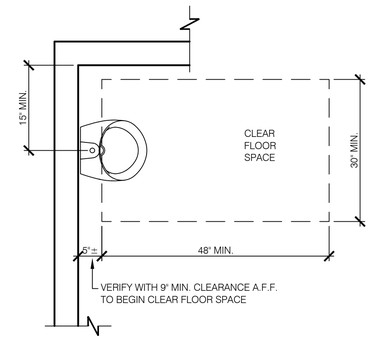
REACH RANGES N.T.S. **14**



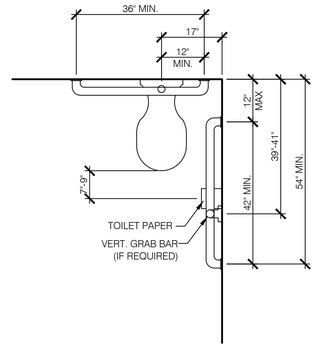
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED 3/8" = 1'-0" **1**



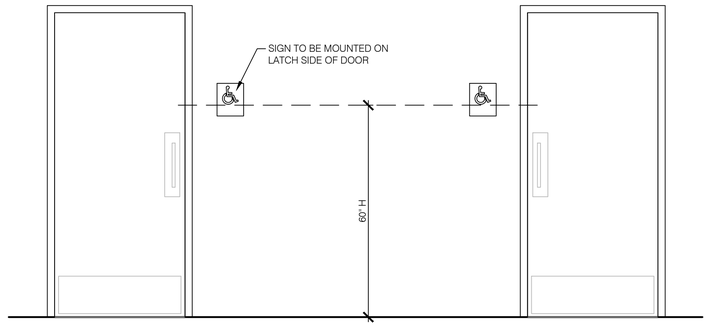
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" **10**



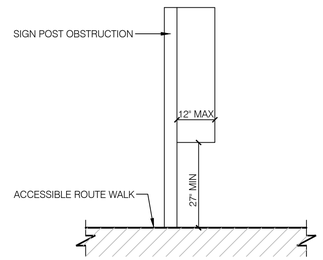
ACCESSIBLE URINAL 3/4" = 1'-0" **6**



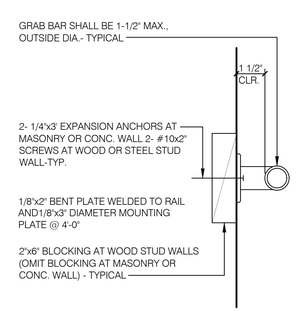
STANDARD TOILET STALL N.T.S. **2**



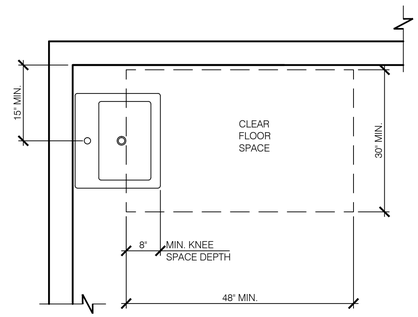
ACCESSIBLE RESTROOM DOORS N.T.S. **15**



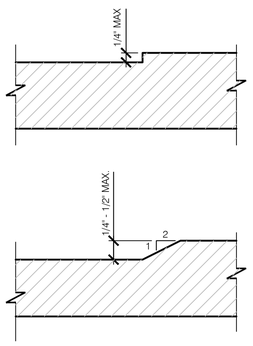
PROTRUDING HAZARDS 1/2" = 1'-0" **11**



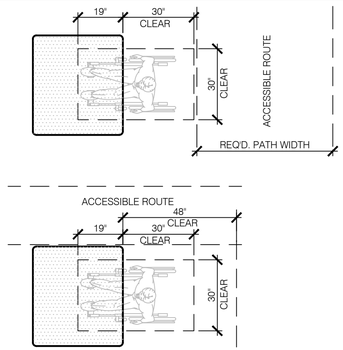
GRAB BAR 3" = 1'-0" **7**



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



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



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

DINING ROOM SEATING CLEARANCES **8**

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

GENERAL NOTES **4**

NOT USED **20**

NOT USED **16**

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3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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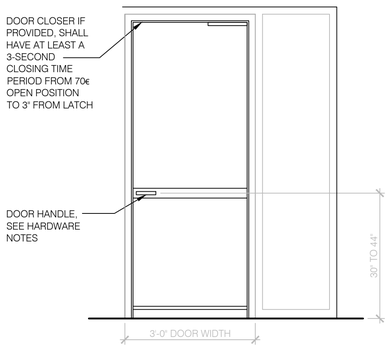
ACCESSIBILITY REQUIREMENTS

ADA1.0

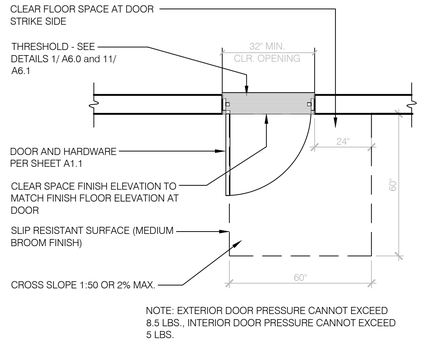
PLOT DATE: 30.01.2022

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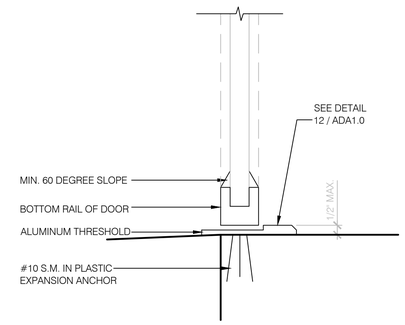
TYP. ENTRANCE / EXIT DOOR N.T.S. **17**



NOTE: EXTERIOR DOOR PRESSURE CANNOT EXCEED 8.5 LBS., INTERIOR DOOR PRESSURE CANNOT EXCEED 5 LBS.

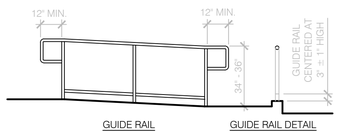
EXTERIOR DOOR REQUIREMENTS 1/2" = 1'-0" **13**

NOT USED **18**

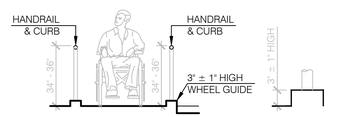


BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **14**

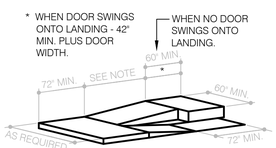
NOT USED N.T.S. **2**



GUIDE RAIL GUIDE RAIL DETAIL

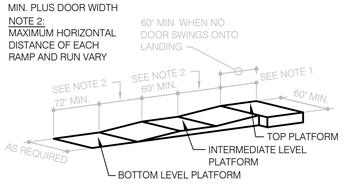


WHEEL GUIDE WHEEL GUIDE DETAIL

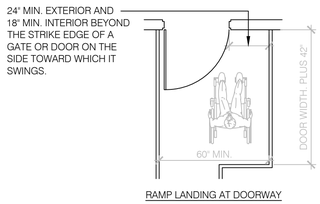


NOTE: MAXIMUM HORIZONTAL DISTANCES OF EACH RAMP AND RUN VARY.

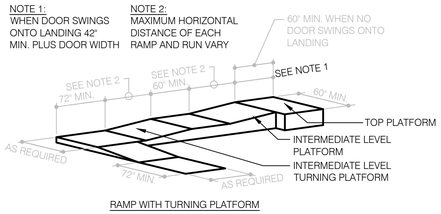
RAMP WITH INTERMEDIATE SWITCH BACK PLATFORM



STRAIGHT RAMP RUN



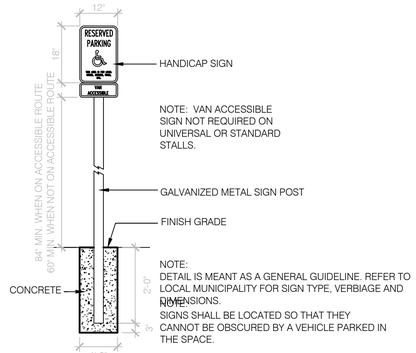
RAMP LANDING AT DOORWAY



RAMP WITH TURNING PLATFORM

RAMPS N.T.S. **16**

NOT USED N.T.S. **11**



ACCESSIBLE PARKING SIGN N.T.S. **12**

NOT USED N.T.S. **3**

NOT USED N.T.S. **4**

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ACCESSIBILITY REQUIREMENTS

ADA1.1

PLOT DATE: 30.01.2022

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GENERAL:

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

HVAC:

1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS, IF REQUIRED.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
4. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS.
5. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS.
6. FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF WORK.
7. HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
8. ALL ABOVE CEILING DUCTWORK SHALL BE EXTERNALLY INSULATED. DUCTWORK LOCATED IN EXPOSED CEILING SHALL BE INTERNALLY INSULATED. VERIFY DUCT INSULATION AND MINIMUM R-VALUE WITH GOVERNING CODE.
9. ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 5'-0" WHICH MAY BE FLEX.
10. SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT AND SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. SMOKE DETECTOR SHALL BE INSTALLED, PRIOR TO ANY OUTSIDE AIR CONNECTIONS.
11. ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE FIRE MASTER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. SEE 15/M4.0.
12. ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE ACCESS PANELS TO DAMPERS. SEE 8 / M4.0.
13. ALL UTILITY PIPING FOR RTU's SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.
14. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
15. 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.
16. THERMOSTATS; SEE SCOPE OF WORK.
17. REMOTE THERMOSTAT SENSORS; SEE SCOPE WORK.
18. 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 | 6

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	THERMOSTAT: SEE GENERAL NOTE 17, THIS SHEET
TS	THERMOSTAT SENSOR (REMOTE): SEE GENERAL NOTE 18, THIS SHEET
CD	CONDENSATE DRAIN
DIA.	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.

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/OSA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
S/S	STAINLESS STEEL
TYP.	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTR	UP THRU ROOF

MECHANICAL SYMBOLS | 7

XX-XXX MARK	AREA SERVED	MANUFACTURER AND MODEL NUMBER	NOZZLE WIDTH (IN)	AIRFLOW (CFM)	FAN MOTORS QTY	FAN MOTORS HP	FAN MOTORS VOLT/PH	ELECTRICAL DATA HP	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	NOTES
AC-1	DRIVE THRU	BERNER SLC07-1048A	46.62	1,370	1	1/5	120/1	1/5	3.4	15	1-4
AC-2	KITCHEN	BERNER SLC07-1048A	46.62	1,370	1	1/5	120/1	1/5	3.4	15	1-4

NOTES: 1. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH. 2. NO HEATER
3. DOOR SWITCH WITH DELAY TIMER; SET DELAY TIMER TO 30 SECONDS. 4. STANDARD FINISH

AIR CURTAIN | 8

XX-XXX MARK	AREA SERVED	FAN DATA SUPPLY CFM	FAN DATA MIN O.A. CFM	FAN DATA ESP	FAN DATA HP	FAN DATA RPM	COOLING CAPACITY NOM TONS	COOLING CAPACITY MIN CAP (MBH) TOT/SEN	COOLING CAPACITY EER / IEER	HEATING CAPACITY INPUT STAGE (MBH)	HEATING CAPACITY OUTPUT (MBH)	HEATING CAPACITY PHASE (STAGES)	HEATING CAPACITY AFUE	UNIT ELECT DATA VOLT/PH	UNIT ELECT DATA MCA	UNIT ELECT DATA MOCP	WEIGHT (LBS)	MANUFACTURER AND MODEL NUMBER	REMARKS
RTU-1	DINING	2400	500	0.85	1.0	1060	6	62.7/59.7	12.8	120	96	1	80	208/3	39	50	1178	TRANE YZC072F	SEE NOTES 1-7
DOAS-1	KITCHEN	3560	700	1.0	5.0	---	30	384.0/198.6	17.8	400	320	2	80	208/3	141	150	4649	CAPTIVEAIRE CASRTU4-I.400-20.30T-DOAS	SEE NOTES 1-2,7-9

NOTES:

1. LISTED CAPACITY IS GROSS COOLING CAPACITY AT 80°F DB/67°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER: 95°F DB & 74°F WB, WINTER: 17°F. ADJUST SELECTION BASED ON ACTUAL SITE CONDITIONS AND ACTUAL MOTOR HEAT. REFRIGERANT SHALL BE 410A.
2. SPECIFIED RTU/DOAS ARE DOWN DISCHARGE PACKAGED GAS / ELECTRIC ROOFTOP UNITS. INCLUDES THROUGH THE ROOF CURB POWER, GAS & CONDENSATE DRAIN. GAS PIPING SHALL BE FACTORY PIPED WITH SHUT-OFF OUTSIDE OF UNIT.
3. SPECIFIED UNIT INCLUDES HINGED ACCESS DOORS, 2" MERV 8 PLEATED FILTERS, LOW AMBIENT CONTROL TO 0°F, ENTHALPY ECONOMIZER, MOTORIZED OUTSIDE AIR DAMPER, CIRCUIT BREAKER WITH SINGLE POINT WIRING, HAIL GUARD, AND FACTORY FABRICATED, KNOCK-DOWN ROOF CURB, HUMIDISTAT WITH ENHANCED DEHUMIDIFICATION.
4. SPECIFIED UNIT INCLUDES AN UN-POWERED CONVENIENCE OUTLET AND SMOKE DUCT DETECTOR IN THE RETURN DUCT OF UNIT.
5. RTU'S TO HAVE EFLEX OPTION. EFLEX INCLUDES VARIABLE SPEED COMPRESSOR, VARIABLE SPEED EVAPORATOR FAN MOTOR & VARIABLE SPEED CONDENSER FAN MOTOR.
6. TRANE EFLEX UNITS TO HAVE STARTUP TESTING PERFORMED BY APPROVED SERVICING CONTRACTOR TO ENSURE PROPER OPERATION OF ECONOMIZER, DISCHARGE AIR LIMITS, SENSORS, ETC. AS RECOMMENDED BY MANUF.
7. ACCEPTABLE ALTERNATE MANUFACTURERS: LENNOX, CARRIER, AAON AND YORK.
8. SPECIFIED UNIT INCLUDES SINGLE POINT ELECTRICAL CONNECTION, MODULATING REHEAT OPTION, MODULATING COOLING OPTION, VFD FACTORY MOUNTED AND WIRED, CLOGGED FILTER SWITCH, CONVENIENCE GFCI OUTLET, OVERHEAT STAT, 2" MERV 13 FILTERS AND 2" MERV 8 FILTERS, CASLINK BUILDING MONITORING SYSTEM.
9. 5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY.

HVAC UNIT SCHEDULE | 1

XX XXX MARK	CFM	SP	RPM	HP	ELECT	STARTER	ACCESSORIES DISC	ACCESSORIES BDD	ACCESSORIES BIRD SCREEN	ACCESSORIES V-BELT	ACCESSORIES D-DR	MANUFACTURER AND MODEL NUMBER	REMARKS
KEF-1	1530	1.5	1477	1.0	230/1	-	X				X	CAPTIVEAIRE DU85HFA	SEE NOTES 1,2,3,4,5,6,9 & 10
KEF-2	1530	1.5	1477	1.0	230/1	-	X				X	CAPTIVEAIRE DU85HFA	SEE NOTES 1,2,3,4,5,6,9 & 10
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

REMARKS:

1. UL 762 LISTED (GREASE)
2. VENTED ROOF CURB
3. ROOF CURB
4. GREASE CUP
5. HINGED ROOF CURB
6. WEATHERPROOF DISCONNECT SWITCH
7. SOLID STATE SPEED CONTROLLER
8. BACKDRAFT DAMPER
9. EXHAUST FANS PROVIDED BY HOOD MANUFACTURER. REFER TO HOOD DRAWINGS FOR MORE INFORMATION.
10. PROVIDE MASTER SWITCH TO BE WIRED BACK TO CONTROL BOX TO ENERGIZE FANS.

FAN SCHEDULE | 2

XX XXX MARK	QUANTITY	NECK SIZE	DIFFUSER FACE OR CEILING GRID SIZE	TYPE DIFFUSER	TYPE REGISTER	TYPE GRILL	AIR PATTERN / CFM RANGE	MOUNTING LAY-IN	MOUNTING SURFACE	DUTY SUPPLY	DUTY RETURN	DUTY EXHAUST	MATERIAL ALUMINUM	MATERIAL STEEL	MANUFACTURER	MODEL NUMBER	REMARKS
S-1		14 "Ø	24"Ø	X			4W 0-535		X	X				X	METAL-AIRE / TITUS	3000-14 / TMRA-14	FRN SQUARE to ROUND ADAPTER
S-2		VARIES	24 x 24	X			4W, 2W 0-1000	X		X			X		METAL-AIRE / TITUS	5000 / TDCA	ROUND ADAPTER, SEE DETAIL 8 / M4.0
S-3		12 x 6	12 x 6	X			4W 0-200	X		X			X		METAL-AIRE / TITUS	4000-AF / 300FL	ROUND to SQUARE ADAPTER
S-4		9 x 9	12 x 12	X			4W 0-250	X	X	X			X		METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQUARE to ROUND ADAPTER
S-5		14"Ø	24x24			X	1W 0-350		X	X				X	METAL-AIRE / TITUS	4000-AF / 300FL	ROUND to SQUARE ADAPTER, FULLY REMOVABLE FACE
S-6		12 x 8	12 x 8			X	2W 0-285		X	X				X	METAL-AIRE / TITUS	4000-AF / 300FL	ROUND to SQUARE ADAPTER, FULLY REMOVABLE FACE
S-7		18 x 10	18 x 10			X	2W 0-555		X	X				X	METAL-AIRE / TITUS	4000-AF / 300FL	ROUND to SQUARE ADAPTER, FULLY REMOVABLE FACE
R-1		22 x 22	24 x 24			X	0-1900	X			X		X		METAL-AIRE / TITUS	CC5-FB-TB / 50FF	FRN SQUARE to ROUND ADAPTER, FULLY REMOVABLE FACE
R-2		24 x 30	24 x 30			X	0-1450		X		X		X		METAL-AIRE / TITUS	4002R / 350FL	FULLY REMOVABLE FACE
T-1		--	12 X 8			X	0-300		X		X		X		METAL-AIRE / TITUS	MODEL L / 350R	

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

AIR DEVICE SCHEDULE | 3

PROTO: NEXT GEN 30 SEAT LOCATION: DALLAS, TX SQ. FT: 2119

DESIGN CONDITIONS:
SUMMER: 96°F D.B. & 76°F W.B. (AMBIENT), 74°F (INTERIOR)
WINTER: 19°F D.B. (AMBIENT), 72°F (INTERIOR)

LOAD CALCULATIONS: (BELOW CEILING)	SENSIBLE:	COOLING (BTUH) LATENT:	TOTAL:	HEATING (BTUH) TOTAL:
DINING				
WALL:	8,748	0	8,748	-4,175
GLASS:	10,180	0	10,180	-11,006
ROOF:	2,703	0	2,703	-1,592
PEOPLE:	15,125	15,125	30,250	0
VENTILATION:	0	0	0	0
INFILTRATION:	0	1,024	1,024	-1,502
LIGHTS:	3,660	0	3,660	0
MISCELLANEOUS:	8,791	0	8,791	0
TOTAL:	49,207	16,149	65,356	-18,275
KITCHEN				
WALL:	16,051	0	16,051	-8,543
GLASS:	3,804	0	3,804	-3,222
ROOF:	4,468	0	4,468	-2,372
PEOPLE:	1,875	1,875	3,750	0
VENTILATION:	89,185	89,185	178,370	-187,129
INFILTRATION:	0	0	0	0
LIGHTS:	4,730	0	4,730	0
MISCELLANEOUS:	68,160	0	68,160	0
TOTAL:	188,273	91,060	279,333	-201,266
GRAND TOTAL:			344,689	-219,541

HVAC SYSTEM LOAD SUMMARY | 5

ITEM	OA	RA	SA	EA	PRESSURE
KEF-1	--	--	--	1530	-1530
KEF-2	--	--	--	1530	-1530
EF-3	--	--	--	100	-100
EF-4	--	--	--	100	-100
RTU-1	550*	1400	2400	--	0
DOAS-1	3560	--	3560	--	+3560
TOTAL	3560	1400	5960	3260	+300

*DOAS-1 ADDRESSES ALL OUTSIDE AIR AND VENTILATION AIR.

AIR BALANCE SCHEDULE CFM | 4

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

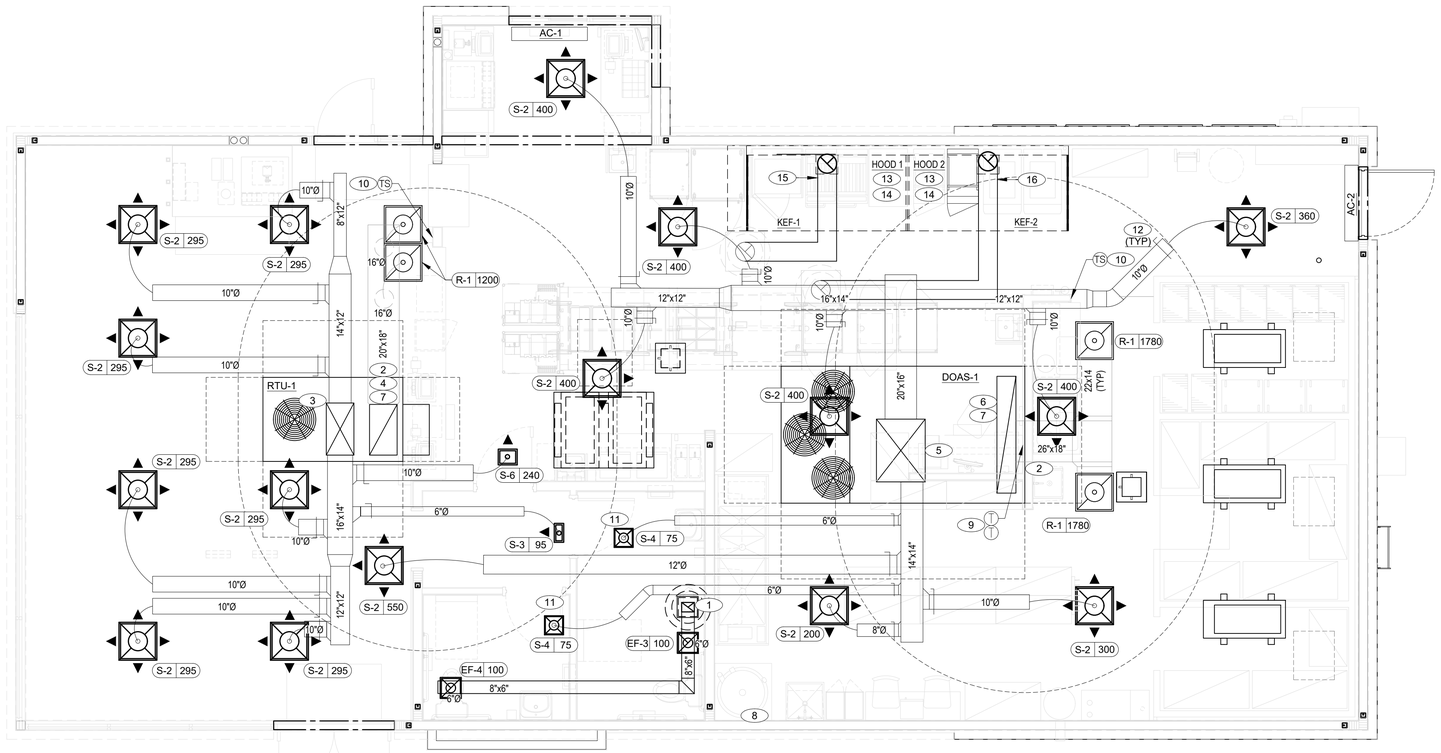
NG-30-22

MECHANICAL SCHEDULES AND NOTES

M1.0

PLOT DATE: 30.01.2022

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

NOT USED D

GENERAL NOTES C

A. INSTALLATION AND TERMINATION OF THE POWERED VENT SYSTEM FOR THE WATER HEATER SHALL BE IN ACCORDANCE WITH THE VENT AND WATER HEATER 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 PARALLEL TO TRUSSES; COORDINATE WITH STRUCTURAL DRAWINGS. SEE DETAIL 1 / S4.2.

E. DUCTWORK LOCATED IN EXPOSED CEILING SHALL BE INTERNALLY INSULATED.

KEY NOTES B

1. 8"x6" 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. 33 x 18 SUPPLY AIR DUCT: 2,400 CFM. CONNECT TO SUPPLY AIR OPENING AT ROOFTOP UNIT, RTU-1 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
4. 32 x 18 RETURN AIR DUCT: 2,400 CFM. CONNECT TO RETURN AIR OPENING AT ROOFTOP UNIT, RTU-1 (COORDINATE WITH RTU SUPPLIER / SPECIFICATIONS).
5. 40 x 31 SUPPLY AIR DUCT: 3,560 CFM. CONNECT TO SUPPLY AIR OPENING AT ROOFTOP UNIT, DOAS-1 (COORDINATE WITH DOAS SUPPLIER / SPECIFICATIONS).
6. 74 x 12 RETURN AIR DUCTS: 3,560 CFM. CONNECT TO RETURN AIR OPENING AT ROOFTOP UNIT, DOAS-1 (COORDINATE WITH DOAS 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. EXHAUST DUCTWORK RUN BETWEEN ROOF TRUSSES.
15. 12"Ø 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 KEF-1. SEE HOOD DETAILS ON DRAWING M3.10. SEE DETAILS ON SHEET M4.0 FOR FIRE PROTECTION OF DUCTWORK.
16. 12"Ø 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 KEF-2. SEE HOOD DETAILS ON DRAWING M3.10. SEE DETAILS ON SHEET M4.0 FOR FIRE PROTECTION OF DUCTWORK.

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

MECHANICAL DIFFUSER AND DUCT PLAN

M2-0

PLOT DATE: 30.01.2022

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FOR QUESTIONS, CALL THE
Arkansas Mechanical
REGION 146
PHONE: (501) 500-5450
EMAIL: reg146@captivealre.com

PATENT NUMBERS

EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

HOOD INFORMATION – JOB#5163097

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1	KH-L	5424 ND-2	CAPTIVEAIRE	8' 6"	600 DEG	I	HEAVY	180	1530			4"	12"	1530	1948	-0.956"	430 SS WHERE EXPOSED	LEFT	ALONE
2	KH-R	5424 ND-2	CAPTIVEAIRE	8' 6"	600 DEG	I	HEAVY	180	1530			4"	12"	1530	1948	-0.956"	430 SS WHERE EXPOSED	RIGHT	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	KH-L	CAPTRATE SOLO FILTER	6	16"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	LEFT	12"x54"x24"	TANK FS	4.0/4.0	SC-220110MA	1 LIGHT 1 FAN	YES	848 LBS
2	KH-R	CAPTRATE SOLO FILTER	6	16"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO							YES	537 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	KH-L	INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		RISER SENSOR INSTALL 6IN PLEN.
		LEFT WIDE VERTICAL END PANEL 42" TOP WIDTH, 36" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS.
2	KH-R	INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		RISER SENSOR INSTALL 6IN PLEN.
		RIGHT WIDE VERTICAL END PANEL 42" TOP WIDTH, 36" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS.

(S) GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW" ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "DW" IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "DW" DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURES INSTALLATION GUIDE.
PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURES LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

CAPTIVEAIRE SYSTEMS RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM, MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT

HVAC DISTRIBUTION NOTE

HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

VERIFY CEILING HEIGHT

___' - ___"

HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED ☐
APPROVED WITH NO EXCEPTION TAKEN ☐
REVISE AND RESUBMIT ☐
SIGNATURE _____
YOUR TITLE _____ DATE _____ _____

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

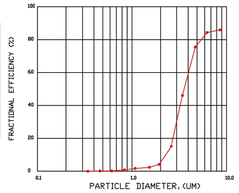
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNELS(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

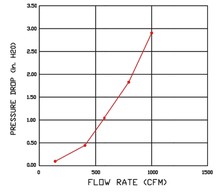
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.

NSF LISTED · ETL LISTED · BUILT IN ACCORDANCE WITH NFPA No. 96

CAPTIVEAIRE
Arkansas Mechanical
PO Box 1642, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-6670 EMAIL: reg146@captivealre.com
www.captivealre.com

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021
DWG.#: 5163097
DRAWN BY: Josh / 146
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 1

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1. 010622 65% CHECK SET
2. 011822 95% CHECK SET
3. 012422 ORIGINAL ISSUE
4. 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

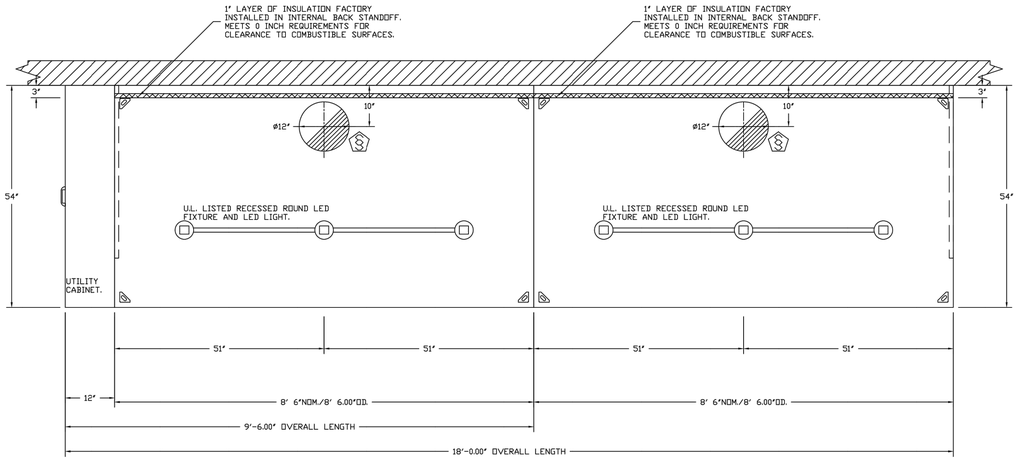
NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.0

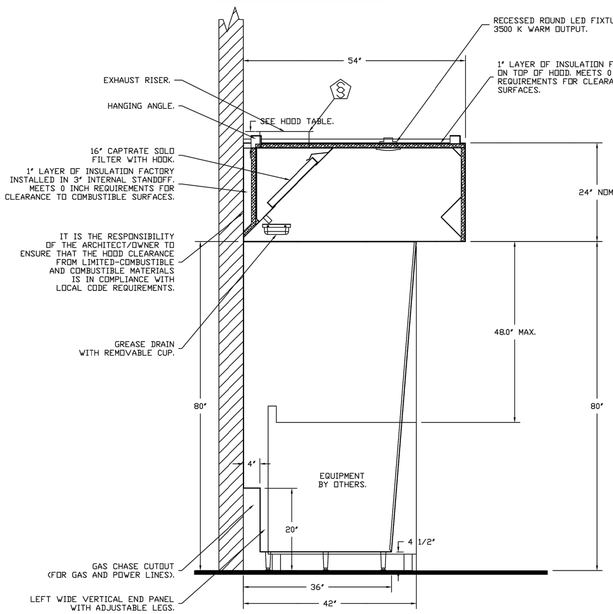
PLOT DATE: 30.01.2022

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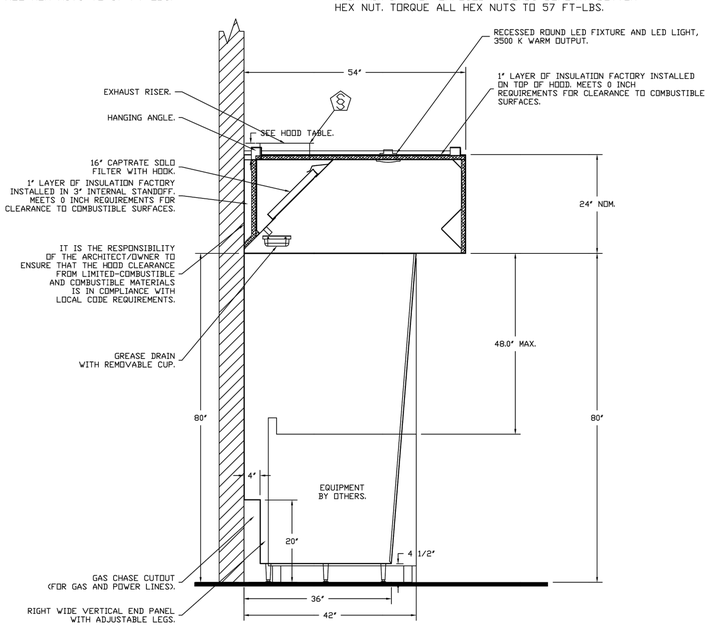


PLAN VIEW – HOOD #1 (KH-L)
8' 6.00" LONG 5424ND-2

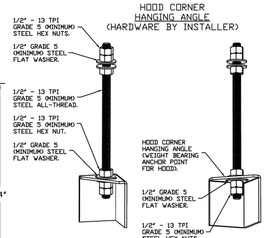
PLAN VIEW – HOOD #2 (KH-R)
8' 6.00" LONG 5424ND-2



SECTION VIEW – MODEL 5424ND-2
HOOD – #1 (KH-L)

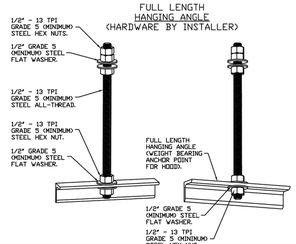


SECTION VIEW – MODEL 5424ND-2
HOOD – #2 (KH-R)



ASSEMBLY INSTRUCTIONS

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



ASSEMBLY INSTRUCTIONS

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

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

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PO Box 1642, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-6670 EMAIL: reg146@captiveaire.com
www.captiveaire.com

KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 2

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.1

PLOT DATE: 30.01.2022

SECTION 23 38 13 13

SPECIFICATIONS
TAG: Commercial Kitchen Ventilation Hoods, Listed Commercial Kitchen Hoods

PART 1 - GENERAL

1.1 SUMMARY

A. The ND2 series is a Type I, wall canopy hood for use over 600°F cooking surface temperatures. The aerodynamic design includes a mechanical baffle and performance enhancing lip for exceptional capture and containment.

B. The hood shall have the size, shape, and performance specified on drawings.

1.2 SUBMITTALS

A. The manufacturer assumes no liability for the use or results of use from this document. Specifications are to be reviewed by the engineer to confirm the project's requirements and meet Federal, State, and Local codes and regulations.

B. As the manufacturer continues product development, it reserves the right to change design and specifications without notice.

C. The manufacturer shall supply complete computer generated submittal drawings, including hood section view(s) and hood plan view(s). These drawings must be available to the engineer, architect, and owner for their use in construction, operation, and maintenance.

1.3 QUALITY ASSURANCE

A. This hood is ETL-listed to standard UL710, ULC710, and ULC-S646 when installed in accordance with these installation instructions and National Fire Protection Association Standard "NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations."

B. Built-in compliance with NSF/ANSI Standard 2.

C. The hood shall be ETL Listed as:

1. "Exhaust Hood Without Exhaust Damper."
2. ETL Sanitation Listed and built in accordance with NFPA 96.
3. The ETL label shall list temperature rating(s) and minimum CFM/ft rating(s).

1.4 WARRANTY

A. All units shall be provided with the following standard warranty:

1. This equipment is warranted to be free from defects in materials and workmanship, under normal use and service, for a period of 2-years from date of shipment.

B. The manufacturer shall not be liable for incidental and consequential losses and damages potentially attributable to malfunctioning equipment. Should any part of the equipment prove to be defective in material or workmanship within the 2-year warranty period, upon examination by the manufacturer, such part will be repaired or replaced by manufacturer at no charge. The buyer shall pay all labor costs incurred in connection with such repair or replacement. Equipment shall not be returned without manufacturer's prior authorization, and all returned equipment shall be shipped by the buyer, freight prepaid to a destination determined by the manufacturer.

C. Refer to Manufacturer's Operation, Installation, and Maintenance (OIM) Manual for detailed descriptions of what is/is not covered and contact information for warranty claims.

PART 2 - PRODUCTS

2.1 GENERAL

A. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints, and penetrations of the hood enclosure to the lower outermost perimeter, which directs and captures grease-laden vapor and exhaust gases, shall have a liquid-tight continuous external weld in accordance with NFPA 96.

B. Duct sizes, CFM, and static pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1-ft increments along the length of the ventilator.

2.2 CONSTRUCTION

A. Construction shall be type 430 stainless steel.

B. Double wall insulated front to eliminate condensation and increase rigidity on wide sizes. The insulation shall have a flexural modulus of 475 EI, meet UL 181 requirements and be in accordance with NFPA 90A and 90B.

C. Hood shall be equipped with a minimum of four connections for hanger rods. Hood lengths greater than 12'will have added hangers.

D. Exhaust duct collar to be 4"high with flange.

E. The grease drain system shall be an enclosed integral part of the hood back and have slopes with an exposed, removable 1/2 grease cup to facilitate cleaning.

F. An integral baffle to direct grease laden vapors toward the exhaust filter bank.

G. Hood shall be furnished with UL classified filters, supplied in size and quantity as required by ventilator.

H. All seams shall be welded and have stainless steel on exposed surfaces.

2.3 LIGHTING

A. Recessed round LED fixture and LED light, 3500K Warm output.

2.4 FILTERS

A. Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 85% efficient at 9 microns, 76% efficient at 5 microns.

2.5 OPTIONS

A. Fire Suppression System: UL 300 fire suppression system.

B. Hood Mounted Utility Cabinet - Cabinet can store listed fire suppression system, listed components, pre-wired electrical controls.

2.6 ACCESSORIES

A. End Panel(s) maximize hood performance and eliminate the effects of cross drafts in the kitchen. Units constructed of stainless steel and sized according to hood width and cooking equipment. Exposed edges hemmed for safety and rigidity. Selected panels:

1. Wide Vertical End Panel

B. Miscellaneous option(s) selected:

1. Insulation for Top of Hood -Fully insulated top of hood.
2. Insulation for Back of Hood -Backside of hood is fully insulated.
3. Riser Sensor Install -Sensor set-up for 6"plenum.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and conditions under which the system is installed. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to Installer.

3.2 INSTALLATION

A. Install in accordance with manufacturer's instructions, drawings, written specifications, manufacturer's installation manual, and all applicable building codes.

REVISIONS

	DESCRIPTION	DATE:
1		
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KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 3

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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123 MAIN STREET
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NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.2

PLOT DATE: 30.01.2022

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FIRE SYSTEM INFORMATION – JOB#5163097

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0	36	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	2.000	CAPTIVEAIRE SYSTEMS

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1		0 - 0 - 12-F28021-32144-QT-360 DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. NO, CLOSE ON TEMP RISE AT 360°F.	2	0
		0 - 0 - 87-120042-001 SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-120045-001 HOSE, SECONDARY ACTUATOR HOSE, 7.5' BRAIDED STAINLESS STEEL, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	2	0
		0 - 0 - 87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300033-001 DIN CONNECTOR, CANFIELD PART #5J560-201-EU0A, TANK FIRE SUPPRESSION, SUBMINATURE SOLENOID CONNECTION (CED VENDOR 30377).	1	0
		0 - 0 - 87-300152-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	8	0
		0 - 0 - 98694A115 HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16" ZINC, TANK FIRE SUPPRESSION.	4	0
		0 - 0 - A0034332 JUNCTION BOX FOR MANUAL PULL STATION. 1.5" DEEP BACK BOX, RED COLOR.	1	0
		0 - 0 - DATANKLOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	2	0
		0 - 0 - TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	6	0
		0 - 0 - TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	2	0
		0 - 0 - WK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	2	0
		34 - 34 - A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT. RED COLOR.	1	0
		ADDITIONAL PARTS TO BE DETERMINED…		

REVISIONS

	DESCRIPTION	DATE:
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2		
3		
4		

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KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 4

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE: xx.xx.xxxx
BUILDING TYPE: NG-30
PLAN VERSION: 22.1
SITE NUMBER: xxx - xxx
ENTITY NUMBER: xxx - xxx
STORE NUMBER: xxxxx

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NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.3

PLOT DATE: 30.01.2022

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EXHAUST FAN INFORMATION – JOB#5163097

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF-1	1	DU85HFA	CAPTIVEAIRE	1530	1.500	1477	TEAO-ECM	1.000	0.5830	1	230	6.5	484 FPM	97	14.7
2	KEF-2	1	DU85HFA	CAPTIVEAIRE	1530	1.500	1477	TEAO-ECM	1.000	0.5830	1	230	6.5	484 FPM	97	14.7

DOAS/RTU FAN SCHEDULE – JOB#5163097

FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	ESP	HP	BHP	PHASE	VOLT	MCA	MOCP	WEIGHT (LBS)
3	DOAS-1 (KITCHEN)	1	CASRTU4-I.400-20-30T-DOAS	CAPTIVEAIRE	20P-4	0	3560	3560	1.000	5.000	1.8730	3	208	140.6A	150A	4649

DOAS/RTU COOLING SCHEDULE

FAN UNIT NO	TAG	COMPRESSOR			OUTDOOR FAN				INDOOR COIL		OUTSIDE AIR DB TEMP	OUTSIDE AIR WB TEMP	MIXED AIR DB TEMP	MIXED AIR WB TEMP	LEAVING DB TEMP	LEAVING WB TEMP	LEAVING DP TEMP	TOTAL CAPACITY	SENSIBLE CAPACITY	LATENT CAPACITY	REHEAT LEAVING DB TEMP	REHEAT LEAVING WB TEMP	DESIRED REHEAT CAPACITY	MAX REHEAT CAPACITY	REHEAT LEAVING RELATIVE HUMIDITY	MOISTURE REMOVAL RATE	IEER
		TONNAGE	VOLTAGE	PHASE	MOTOR VOLTAGE	MOTOR Ø	MOTOR FREQUENCY	MOTOR QTY	ROWS	FACE AREA																	
3	DOAS-1 (KITCHEN)	30	190-240	3	200-240	3	60	3	6	25.3 SQFT	95.0°F	78.0°F	95.0°F	78.0°F	43.6°F	43.6°F	43.6°F	384.0 MBH	198.6 MBH	185.4 MBH	70.0°F	55.5°F	107.5 MBH	260 MBH	39	160.6 LBS/HR	17.8

DOAS/RTU HEATING SCHEDULE

FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
3	DOAS-1 (KITCHEN)	400000	320000	75°F	7 IN. W.C. – 14 IN. W.C.	NATURAL	80

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX.
		1	FAN BASE CERAMIC SEAL – INSTALLED AT PLANT – FOR GREASE DUCTS.
		1	ECM WIRING PACKAGE – PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION.
		1	2 YEAR PARTS WARRANTY.
2	KEF-2	1	GREASE BOX.
		1	FAN BASE CERAMIC SEAL – INSTALLED AT PLANT – FOR GREASE DUCTS.
		1	ECM WIRING PACKAGE – PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION.
		1	2 YEAR PARTS WARRANTY.
3	DOAS-1 (KITCHEN)	1	INLET PRESSURE GAUGE, 0–35".
		1	MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
		1	RTU TOTAL CFM MONITORING.
		1	SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
		1	CASLINK BUILDING MONITORING SYSTEM – INTERNET OR CELLULAR CONNECTION REQUIRED.
		1	RTU4 DOWN DISCHARGE.
		1	2" MERV 13 FILTERS FOR RTU4 (QTY. 12).
		1	2" MERV 8 FILTERS FOR RTU4 (QTY. 12).
		1	OVERHEAT STAT.
		1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE.
		1	30 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.
		1	30 TON MODULATING REHEAT OPTION – SPACE DEWPOINT CONTROL.
		1	RTU INTAKE/RETURN DAMPER – MANUAL CONTROL VIA HMI.
		1	RTU4 DOWN RETURN.
		1	VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).
		1	CLOGGED FILTER SWITCH – NOTIFICATION ON HMI.
		1	RTU4 CONVENIENCE OUTLET (GFCI), 15 AMP – REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX.
		1	RTU4 CURB DUCT HANGER.
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).

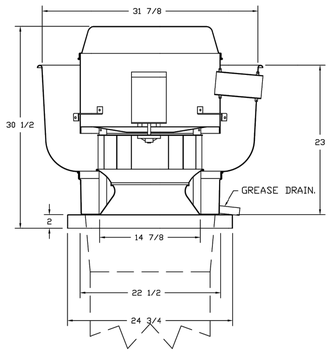
FAN ACCESSORIES

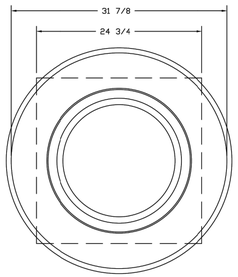
FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1	YES						
2	KEF-2	YES						

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	36 LBS	CURB	23.000"W X 23.000"L X 20.000"H 0.25012.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	KEF-1	36 LBS	CURB	23.000"W X 23.000"L X 20.000"H 0.25012.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
3	# 3	DOAS-1 (KITCHEN)	179 LBS	CURB	80.000"W X 111.000"L X 14.000"H 0.25012.000 PITCH ALONG WIDTH, RIGHT INSULATED 16 GAUGE.

FANS #1 (KEF-1), #2 (KEF-2) – DU85HFA EXHAUST FAN





TOP VIEW

FEATURES:

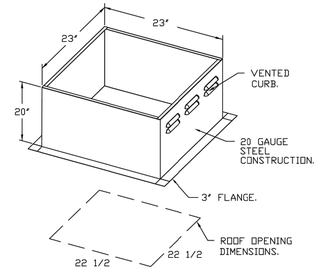
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

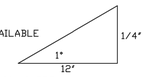
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

GREASE BOX.
FAN BASE CERAMIC SEAL – INSTALLED AT PLANT – FOR GREASE DUCTS.
ECM WIRING PACKAGE – PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION.
2 YEAR PARTS WARRANTY.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.



SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE.

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

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Arkansas Mechanical
www.captiveaire.com
PO Box 1642, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-6670 EMAIL: reg146@captiveaire.com

KFC – Next Gen 30 Seat Proto w/ 1 DOAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 5

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.4

PLOT DATE: 30.01.2022

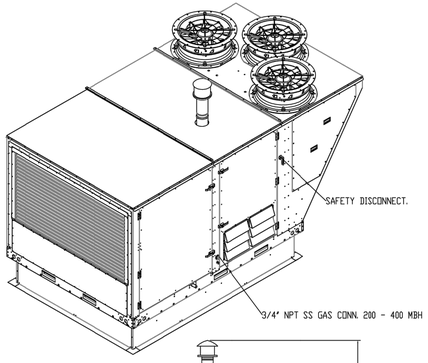
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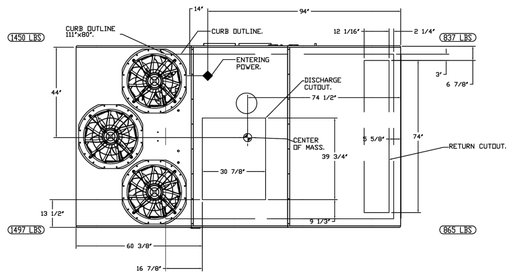
FAN #3 CASRTU4-1400-20-30T-DDAS - HEATER (DDAS-1 (KITCHEN))

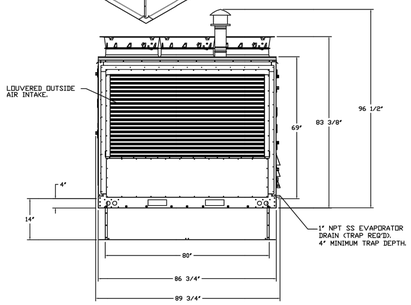
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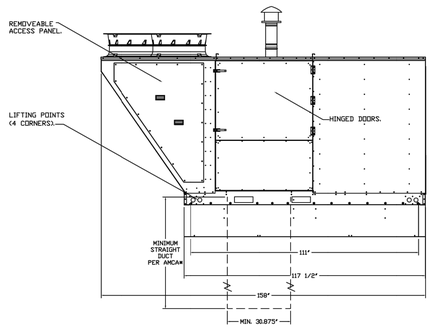
1. DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
2. (_____) DENOTES CORNER WEIGHT.
3. ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.

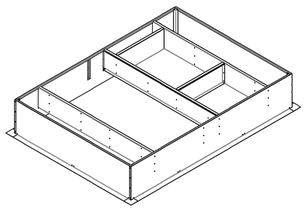
*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 30.875" x 39.75".

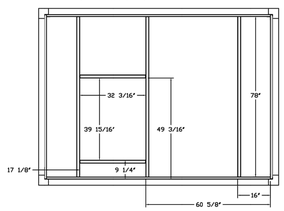






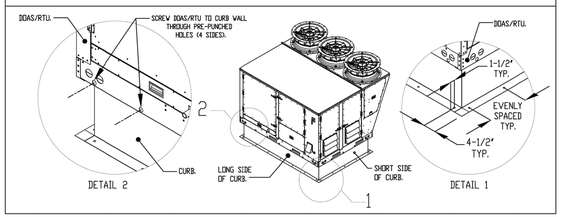






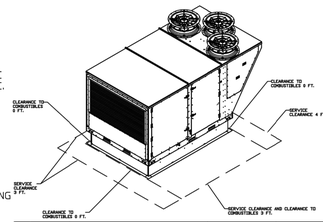
TYPICAL DDAS/RTU ROOF MOUNTING INSTALLATION INSTRUCTIONS

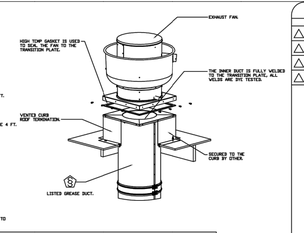
1. SECURE THE CURB TO THE ROOF FRAMING MEMBERS BY DRILLING 1/4" PILOT HOLES IN THE CURB FLANGES AT LOCATIONS SHOWN IN THE DIAGRAM BELOW. USING 3/8" X 2" ZINC PLATED STEEL LAG BOLTS, AND ZINC PLATED WASHERS, SCREW THROUGH THE CURB FLANGES AND INTO THE ROOF FRAMING MEMBERS. A MINIMUM OF (5) LAG BOLTS ON EACH SHORT SIDE, AND (7) LAG BOLTS ON EACH LONG SIDE IS REQUIRED.
2. SECURE THE UNIT BASE TO THE SIDE WALLS OF THE CURB USING (24) 1/4"-14 X 2" SELF-DRILLING, STEEL ZINC PLATED SCREWS. PRE-PUNCHED HOLES HAVE BEEN PROVIDED FOR EACH SCREW LOCATION.



OPTIONS

1. INLET PRESSURE GAUGE, 0-3".
2. MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
3. RTU TOTAL CFM MONITORING.
4. SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
5. CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.
6. RTU4 DOWN DISCHARGE.
7. 2" MERV 13 FILTERS FOR RTU4 (QTY. 12).
8. 2" MERV 8 FILTERS FOR RTU4 (QTY. 12).
9. OVERHEAT STAT.
10. VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE.
11. 30 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.
12. 30 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL.
13. RTU INTAKE/RETURN DAMPER - MANUAL CONTROL VIA HMI.
14. RTU4 DOWN RETURN.
15. VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).
16. CLOGGED FILTER SWITCH - NOTIFICATION ON HMI.
17. RTU4 CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX.
18. RTU4 CURB DUCT HANGER.
19. 5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).





GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL 'DW' ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL 'DW' IS LISTED TO UL-1978 AND IS INSTALLED USING 'V' CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL 'DV' DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURES INSTALLATION GUIDE.
PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURES LISTING MODEL 'DW' HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO CAPTIVEAIRE SYSTEMS MODEL 'DW- 2R, 2R TYPE HT, 3R, OR 3Z' ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED ☐
APPROVED WITH NO EXCEPTION TAKEN ☐
REVISE AND RESUBMIT ☐
SIGNATURE _____
YOUR TITLE _____ DATE _____

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

CAPTIVEAIRE
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KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/8" = 1'-0"

MASTER DRAWING

SHEET NO. 6

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.5

PLOT DATE: 30.01.2022

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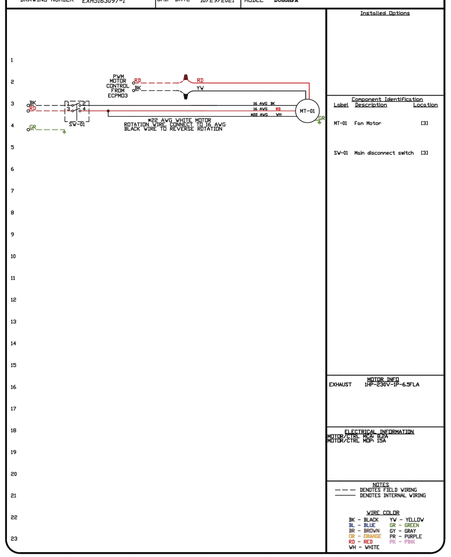
Exhaust Fan Wiring

JOB 5163097 - KFC -_-

DRAWING NUMBER EXH5163097-1

SHIP DATE 10/29/2021

MODEL DUBMAPA



Installed Options

Component Identification

Label	Description	Location
MT-01	Fan Motor	[3]
SV-01	Main disconnect switch	[3]

EXHAUST — MOTOR INFO: 1HP-230V-3P-4.5FLA

ELECTRICAL INFORMATION
MOTOR AMPS: 4.5A
MOTOR/CNTRL HOR: 1HA

NOTES
— — — DENOTES FIELD WIRING
——— DENOTES INTERNAL WIRING

WIRE COLOR

BK = BLACK	YV = YELLOW		
BL = BLUE	GR = GREEN		
BR = BROWN	GY = GRAY		
OR = ORANGE	PR = PURPLE		
RD = RED	PK = PINK		
WH = WHITE			

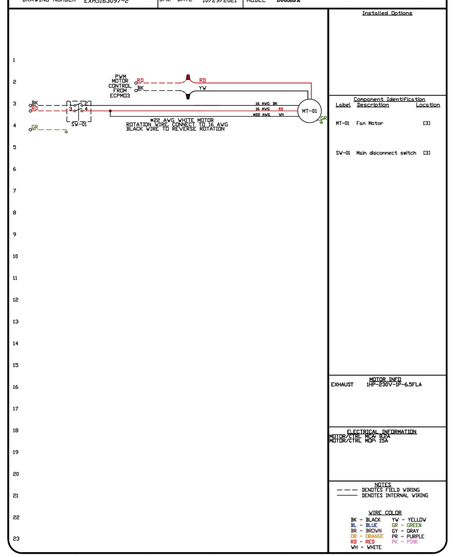
Exhaust Fan Wiring

JOB 5163097 - KFC -_-

DRAWING NUMBER EXH5163097-2

SHIP DATE 10/29/2021

MODEL DUBMAPA



Installed Options

Component Identification

Label	Description	Location
MT-01	Fan Motor	[3]
SV-01	Main disconnect switch	[3]

EXHAUST — MOTOR INFO: 1HP-230V-3P-4.5FLA

ELECTRICAL INFORMATION
MOTOR AMPS: 4.5A
MOTOR/CNTRL HOR: 1HA

NOTES
— — — DENOTES FIELD WIRING
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WH = WHITE			

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

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KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 7

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

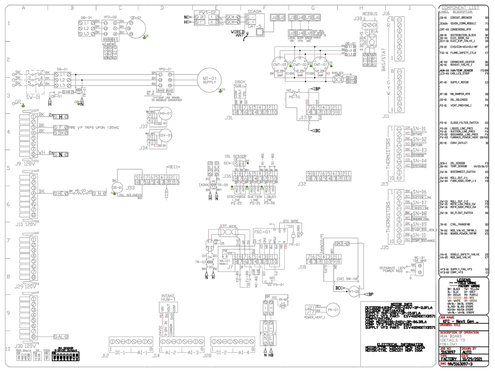
123 MAIN STREET
ANYTOWN, USA. 00000

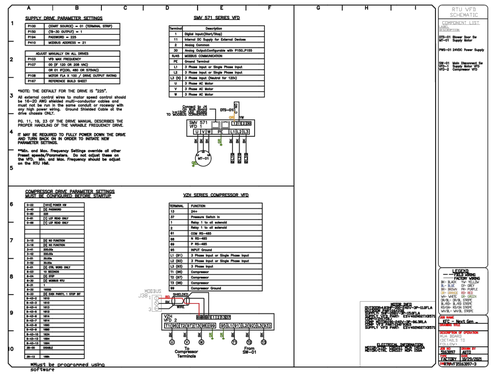
NG-30-22

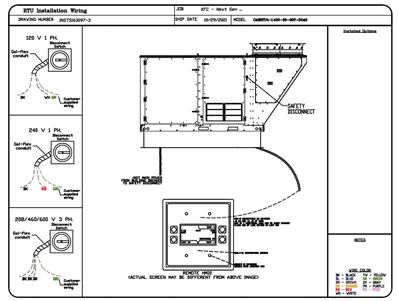
HOOD PLAN ELEVATION SECTIONS

M3.6

PLOT DATE: 30.01.2022







REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

CAPTIVE-AIRE

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www.captiveaire.com

KFC - Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 1/2" = 1'-0"

MASTER DRAWING

SHEET NO. 8

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1 010622 65% CHECK SET
2 011822 95% CHECK SET
3 012422 ORIGINAL ISSUE
4 013122 PUBLICATION

CONTRACT DATE: xx.xx.xxxx
BUILDING TYPE: NG-30
PLAN VERSION: 22.1
SITE NUMBER: xxx - xxx
ENTITY NUMBER: xxx - xxx
STORE NUMBER: xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.7

PLOT DATE: 30.01.2022

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ELECTRICAL PACKAGE – JOB#5163097

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		FAN TAG	TYPE	Φ	HP	VOLT	FLA
1		SC-220110MA	UTILITY CABINET LEFT	03 - UTILITY CABINET LEFT	1 LIGHT	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	KEF-1	EXHAUST	1	1.000	230	6.5
				HOOD # 1	1 FAN		KEF-2	EXHAUST	1	1.000	230	6.5

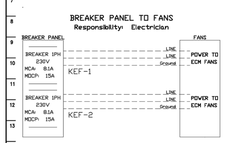
JOB NO 5163097 | MODEL NUMBER SC-220110MA | JOB NAME KFC – Next Gen 30 Seat Proto … | DRAWN BY | DATE 10/29/2021 | SCHEMATIC TYPE INSTALL. | DWG NO ECP #1-1

DESCRIPTION OF OPERATION:
2800 cfm Range w/ exterior Fan & Exhaust Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fanair On/Off thermostatically Controlled. Rain temperature sensor shipped loose for field installation.

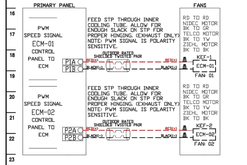
BREAKER PANEL TO PRIMARY CONTROL PANEL
Responsibility: Electrician
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED



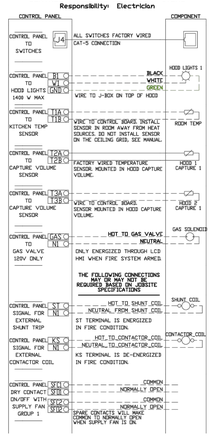
BREAKER PANEL TO FANS
Responsibility: Electrician

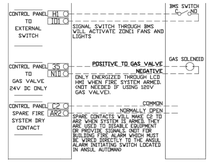


CONTROL PANEL TO FANS
Responsibility: Electrician

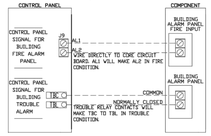


CONTROL PANEL TO ACCESSORY ITEMS
Responsibility: Electrician

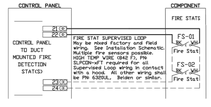




CONTROL PANEL TO FIRE SYSTEM
Responsibility: ALARM CONTRACTOR

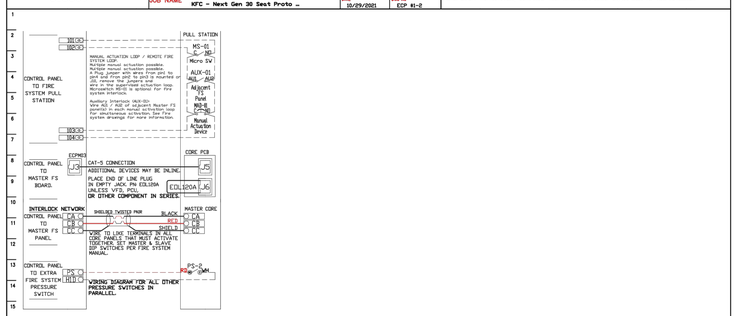


CONTROL PANEL TO FIRE SYSTEM
Responsibility: CERTIFIED INSTALLER



JOB NO 5163097 | MODEL NUMBER SC-220110MA | JOB NAME KFC – Next Gen 30 Seat Proto … | DRAWN BY | DATE 10/29/2021 | SCHEMATIC TYPE INSTALL. | DWG NO ECP #1-2

DESCRIPTION OF OPERATION:
2800 cfm Range w/ exterior Fan & Exhaust Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fanair On/Off thermostatically Controlled. Rain temperature sensor shipped loose for field installation.



JOB NO 5163097 | MODEL NUMBER SC-220110MA | JOB NAME KFC – Next Gen 30 Seat Proto … | DRAWN BY | DATE 10/29/2021 | SCHEMATIC TYPE INSTALL. | DWG NO ECP #1-3

DESCRIPTION OF OPERATION:
Fire System M.TANK.75 – 40/40, Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.

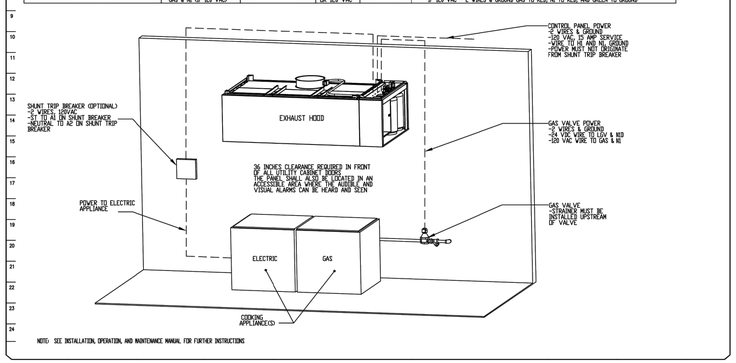
TANK PROTECTION ELECTRICAL DETAIL

02/18/2021 Rev. 2

ELECTRICIAN
1. WIRE MAIN CONTROL PANEL PER INCLUDED SCHEMATIC
2. WIRE ALL FANS PER INCLUDED SCHEMATIC
3. WIRE SHUNT TRIP BREAKER OPTIONAL
4. WIRE GAS APPLIANCE KILL SWITCH (IF EQUIPPED (OPTIONAL)
5. WIRE GAS VALVE

FS-1: MASTER

ELECTRICAL CONTRACTOR REQUIREMENT					
ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
SHUNT TRIP BREAKER (OPTIONAL)	ST & N1	BREAKER COIL -SAL & A2	120 VAC	< 4 AMPS	ST TO A1 ON SHUNT BREAKER COIL, AND NEUTRAL TO A2 ON SHUNT TRIP BREAKER COIL
CONTROL PANEL POWER	H1 & N1 + GROUND	CIRCUIT BREAKER	120 VAC	15 AMPS	CONTROL PANEL POWER MUST NOT BE RUN THROUGH SHUNT TRIP BREAKER
UDS APPLIANCE KILL SWITCH (OPTIONAL)	KTS & N1	KTS & N1	120 VAC	< 4 AMPS	KILL SWITCH TERMINALS MUST BE IN SERIES WITH OTHER KILL SWITCHES
REMOTE 120VAC ANSUL AUTOMAN (OPTIONAL)	AU1, AU2	SOLENOID	120 VAC	< 6 AMPS	120V TO AU1, AUX TO ANSUL ELECTRIC AUTOMAN, ANSUL SOLENOID TO NEUTRAL
GAS VALVE	120 V MAX OF 24 VAC/ GAS & NI OF 120 VAC	RED/RED/GREEN	24 VDC OR 120 VAC	< 10 AMPS	IF 24 VAC – 2 WIRES & GROUND, RED TO RED, 120 TO RED, AND GREEN TO GROUND IF 120 VAC – 2 WIRES & GROUND GAS TO RED, N TO RED, AND GREEN TO GROUND



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

JOB NO 5163097 | MODEL NUMBER SC-220110MA | JOB NAME KFC – Next Gen 30 Seat Proto … | DRAWN BY | DATE 10/29/2021 | SCHEMATIC TYPE INSTALL. | DWG NO ECP #1-4

DESCRIPTION OF OPERATION:
Fire System M.TANK.75 – 40/40, Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.

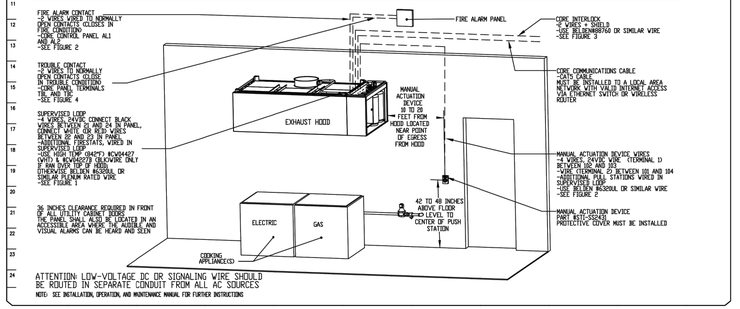
TANK PROTECTION LOW-VOLTAGE DETAIL

02/18/2021 Rev. 2

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP TO SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST

FS-1: MASTER

ALARM CONTRACTOR REQUIREMENT					
ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
MANUAL ACTUATION DEVICE(S)	101 AND 104 102 AND 103	1 & 2	24 VDC	< 10 AMPS	WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103 WIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 101 AND 104 JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED
MANUAL ACTUATION DEVICE COVER	N/A	N/A	N/A	N/A	MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED SO BREAK MOUNTED ON HOOD EXTERIOR WITHIN 511-INCHES
REMOTE FIRESTAT SENSOR(S)	01 AND 04 02 AND 03	BLACK AND WHITE	24 VDC	< 10 AMPS	WIRE FIRE SENSOR WIRES BETWEEN CORE PANEL TERMINALS 02 AND 03 WIRE FIRE SENSOR WIRES BETWEEN CORE PANEL TERMINALS 01 AND 04 HIGH TEMP (384°F) #CV404427 WHITE & #CV404428 BLACK WIRE OR SIMILAR TOP OF HOOD, OTHERWISE BELDEN 84300UL OR SIMILAR PLENUM RATED WIRE. SEE FIGURE 1
FIRE ALARM CONTACT	AL1, AL2	VARIES	50V MAX (AC/DC)	UP TO 1 AMP	FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE CORE ELECTRICAL CONTROL PANEL
CORE INTERLOCK(S)	IL A, IL B, IL C	IL A, IL B, IL C	RS-485 COMMUNICATIONS SIGNAL		CORE SYSTEM (1) IL A, TO CORE SYSTEM (2) IL A. CORE SYSTEM (1) IL B, TO CORE SYSTEM (2) IL B. CORE SYSTEM (1) IL C, TO CORE SYSTEM (2) IL C. USE BELDEN# 88760 OR SIMILAR WIRE
TROUBLE CONTACT	TBC, TBL, TDK	VARIES	MAX 120 VAC	UP TO 6 AMPS	WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION
CORE COMMUNICATIONS CABLE	RJ-45 Jack	INTERNET CONNECTION	SIGNAL	<1.0 AMPS	TYPICAL CONNECTION CATS CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION



ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

CAPTIVE-AIRE
Arkansas Mechanical
www.captiveaire.com
PO Box 1642, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-6670 EMAIL: reg146@captiveaire.com

KFC – Next Gen 30 Seat Proto w/ 1 DOAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 9

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:
1. 010622 65% CHECK SET
2. 011822 95% CHECK SET
3. 012422 ORIGINAL ISSUE
4. 013122 PUBLICATION

CONTRACT DATE: xx.xx.xxxx
BUILDING TYPE: NG-30
PLAN VERSION: 22.1
SITE NUMBER: xxx - xxx
ENTITY NUMBER: xxx - xxx
STORE NUMBER: xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.8

PLOT DATE: 30.01.2022

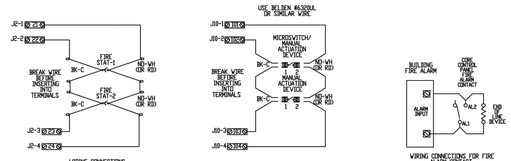
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JOB NO. 5163097	MODEL NUMBER SC-220110MA	DRAWN BY	SCHEMATIC TYPE INSTALL
	JOB NAME KFC – Next Gen 30 Seat Proto …	DATE 10/29/2021	DWG NO ECP #1-5

TANK PROTECTION LOW-VOLTAGE FIGURES

02/19/2021 Rev. 17

FS-1: MASTER

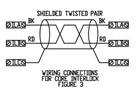


WIRING CONNECTIONS FOR FIRESTAT LOOP
FIGURE 1

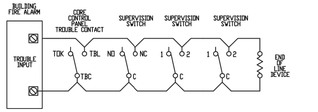
USE BELDEN #6300UL OR SIMILAR WIRE

WIRING CONNECTIONS FOR MANUAL ACTUATION LOOP
FIGURE 1A

WIRING CONNECTIONS FOR FIRE ALARM CONTACT
FIGURE 2



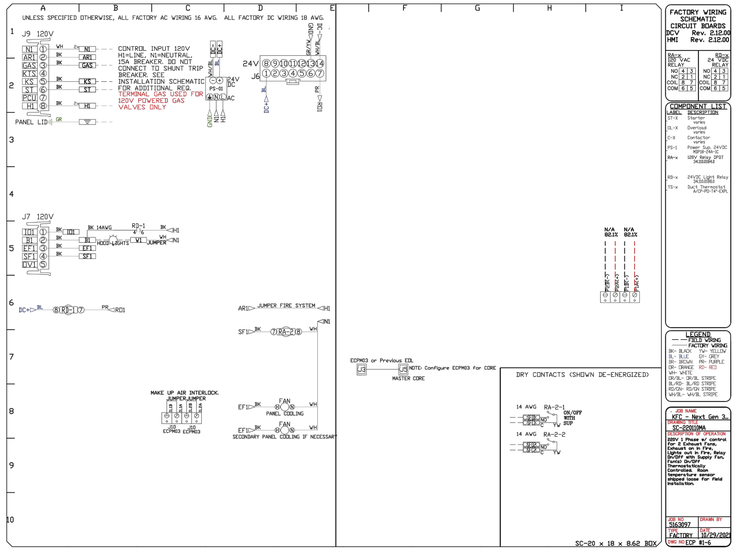
WIRING CONNECTIONS FOR CORE INTERLOCK
FIGURE 3



WIRING CONNECTIONS FOR TROUBLE CONTACT
FIGURE 4

ATTENTION LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS



FACTORY WIRING SCHEMATIC CIRCUIT BOARDS	
DCV	Rev. 2.10.00
HMI	Rev. 2.12.00

RA-2	RD-2
120 VAC	24 VAC
NO 1 3	NO 4 6
NC 2 1	NC 5 7
COIL 8 9	COIL 8 9
COM 2 15	COM 8 15

COMPONENT LIST

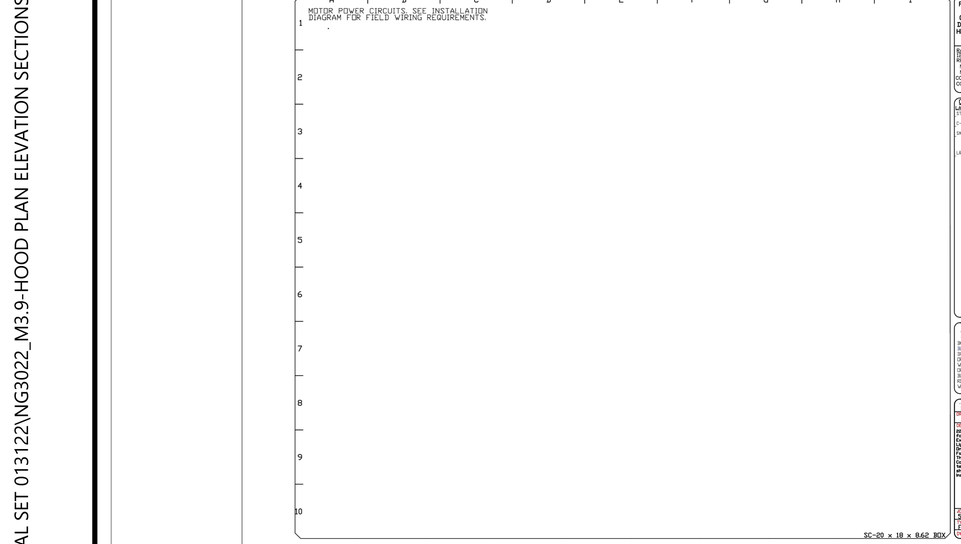
LABEL	DESCRIPTION
CR-1	Control Relay varies
CL-1	Duplex varies
C-1	Contactor varies
FS-1	Pressure Sw. 2in-5C RIP16-2M-T2
M-1	120V Relay, 2PST 24.61220AU
RS-1	24 VDC Light Relay RIP16-2M-T2
TS-1	Duct Thermostat, ATF-FD-TF-DPL

LEGEND — FIELD WIRING / FACTORY WIRING

BK= BLACK WH= WHITE
BL= BLUE GY= GREY
BR= BROWN PR= PURPLE
OR= ORANGE RD= RED
VH= VIOLET
GN/BL= GR/BL STRIPE
BL/RD= BL/RD STRIPE
RD/GN= RD/GN STRIPE
WH/BL= WH/BL STRIPE

JOB NAME: KFC – Next Gen 3…
MODEL: SC-220110MA
DESCRIPTION OF OPERATION: 208V 3 Phase AC control for 4 Exhaust Fans. Exhaust on in Fire, Heat, or Smoke. Relay 24VDC with Supply Fan. Facial On/Off Switch. Thermostat Controlled. Rain, temperature sensor and timer for field installation.

SO: 5163097 DRAWN BY:
DWG NO: FACTORY 10/29/2021
ECP #1-6



FACTORY WIRING SCHEMATIC CIRCUIT BOARDS	
DCV	Rev. 2.10.00
HMI	Rev. 2.10.00

RA-2	RD-2
120 VAC	24 VAC
NO 1 3	NO 4 6
NC 2 1	NC 5 7
COIL 8 9	COIL 8 9
COM 2 15	COM 8 15

COMPONENT LIST

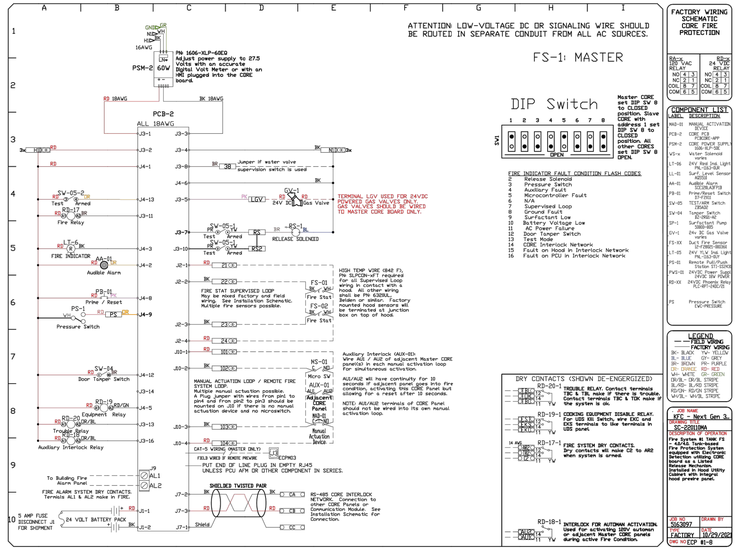
LABEL	DESCRIPTION
CR-1	Control Relay varies
C-1	Contactor varies
IM-1	VFD varies
LR-1	Line/Load Reactor varies

LEGEND — FIELD WIRING / FACTORY WIRING

BK= BLACK WH= WHITE
BL= BLUE GY= GREY
BR= BROWN PR= PURPLE
OR= ORANGE RD= RED
VH= VIOLET
GN/BL= GR/BL STRIPE
BL/RD= BL/RD STRIPE
RD/GN= RD/GN STRIPE
WH/BL= WH/BL STRIPE

JOB NAME: KFC – Next Gen 3…
MODEL: SC-220110MA
DESCRIPTION OF OPERATION: 208V 3 Phase AC control for 4 Exhaust Fans. Exhaust on in Fire, Heat, or Smoke. Relay 24VDC with Supply Fan. Facial On/Off Switch. Thermostat Controlled. Rain, temperature sensor and timer for field installation.

SO: 5163097 DRAWN BY:
DWG NO: FACTORY 10/29/2021
ECP #1-7



FACTORY WIRING SCHEMATIC CORE FIRE PROTECTION	
DCV	Rev. 2.10.00
HMI	Rev. 2.10.00

RA-2	RD-2
120 VAC	24 VAC
NO 1 3	NO 4 6
NC 2 1	NC 5 7
COIL 8 9	COIL 8 9
COM 2 15	COM 8 15

COMPONENT LIST

LABEL	DESCRIPTION
MAD-01	MANUAL ACTIVATION DEVICE
PCB-2	CORE PCB PCB2CORE-M
PSM-2	Power Sup. 24VDC 60W (SLP60-24-3J)
VS-x	Water Solenoid varies
LT-06	24V Red Ind. Light PK-06LRGB
LL-01	Low Level Sensor 6300UL
AA-01	Audible Alarm SS12GLATTB
PB-01	Prove/Reset Switch PB1-B-10
SV-05	1"(1) 24VDC Solenoid Valve
SV-04	Tamper Switch EC-SW2-NC
SP-1	Surfactant Pump SP-PUMP-01
SV-1	2in NC Gas Valve varies
FS-XX	Duct Fire Sensor ST-FBRD-RK350
LT-05	24V YLW Ind. Light PK-06LYGB
PB-01	Remote Pull/Push Station ST-SSRMS
PVS-01	Pressure Switch (Factory Use Only)
RD-XX	24VDC Rheem Rmo RJC-MP1-24DC-S
PS	Pressure Switch EVC-PRESSURE

LEGEND — FIELD WIRING / FACTORY WIRING

BK= BLACK WH= WHITE
BL= BLUE GY= GREY
BR= BROWN PR= PURPLE
OR= ORANGE RD= RED
VH= VIOLET
GN/BL= GR/BL STRIPE
BL/RD= BL/RD STRIPE
RD/GN= RD/GN STRIPE
WH/BL= WH/BL STRIPE

JOB NAME: KFC – Next Gen 3…
MODEL: SC-220110MA
DESCRIPTION OF OPERATION: 2 Systems #1 **x4/x6 Tank-type FS Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood preserv panel.

SO: 5163097 DRAWN BY:
DWG NO: FACTORY 10/29/2021
ECP #1-8

REVISIONS	
DESCRIPTION	DATE:

Arkansas Mechanical
www.captivelaire.com
PO Box 1642, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-6670 EMAIL: reg146@captivelaire.com

KFC – Next Gen 30 Seat Proto w/ 1 DDAS

DATE: 10/29/2021

DWG.#: 5163097

DRAWN BY: Josh / 146

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 10

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1. 010622 65% CHECK SET
2. 011822 95% CHECK SET
3. 012422 ORIGINAL ISSUE
4. 013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

HOOD PLAN ELEVATION SECTIONS

M3.9

PLOT DATE: 30.01.2022

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DUCTWORK #1 PARTS – JOB#5163097 DOUBLE WALL FIELD VERIFY

TAG	PART #	CFM	GPM	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION
P1	DW1245DWASY-2R-S	1530				-0.0613	16.53	1948.06	1	DOUBLE WALL DUCT - 12" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P2	DW1245DWASY-2R-S	1530				-0.0875	16.53	1948.06	1	DOUBLE WALL DUCT - 12" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P3 ASSEMBLED W/P4	DW1247DWAJDTP-2R-S	1530				-0.029	82.74	1948.06	1	DOUBLE WALL ADJUSTABLE DUCT TRANSITION PLATE - 12" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11" / MAX LENGTH = 48.5" / ADJUSTMENT = 30.5" / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL 'V' CLAMPS.
P4 ASSEMBLED W/P3	DW2312TP	1530					8.02	1948.06	1	DUCT TO CURB TRANSITION, 23" CURB TO 12" DUCT, 16 GA ALUMINIZED. MISC. NON-STANDARD TRANSITION PLATE.
SYSTEM AT P4						-1.1338	0.00			
P5	DW1245DWASY-2R-S	1530				-0.0613	16.53	1948.06	1	DOUBLE WALL DUCT - 12" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P6	DW1245DWASY-2R-S	1530				-0.0875	16.53	1948.06	1	DOUBLE WALL DUCT - 12" INNER 45 DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL.
P7 ASSEMBLED W/P8	DW1247DWAJDTP-2R-S	1530				-0.029	82.74	1948.06	1	DOUBLE WALL ADJUSTABLE DUCT TRANSITION PLATE - 12" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 16" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11" / MAX LENGTH = 48.5" / ADJUSTMENT = 30.5" / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL 'V' CLAMPS.
P8 ASSEMBLED W/P7	DW2312TP	1530					8.02	1948.06	1	DUCT TO CURB TRANSITION, 23" CURB TO 12" DUCT, 16 GA ALUMINIZED. MISC. NON-STANDARD TRANSITION PLATE.
SYSTEM AT P8						-1.1338	0.00			
	3M-2000PLUS						0.80		2	DUCT - 3M FIRE BARRIER 2000 PLUS SILICONE - USED AS SEALANT TO SEAL DUCT JOINTS.
	DW12DWCLASY-2R-S						6.44		2	DUCT - 12" DUCT - 16" DOUBLE 'V' CLAMP - 2R INSULATION & SINGLE 'V' CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT							262.12			

DOUBLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (FT)
5"	7'
6"	7'
7"	7'
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'
26"	5'
28"	5'
30"	5'
32"	5'
34"	5'
36"	5'

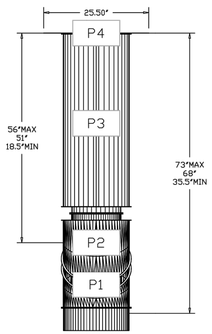
VERTICAL			
TYPE	WALL SUPPORT (FT)	CURB SUPPORT (FT)	FLOOR SUPPORT (FT)
2R & 2R HT (5'-16')	20'	24'	24'
2R (18')	18'	24'	24'
3R & 3Z (5'-24')	10'	24'	24'
3Z (26' -36')	10'	20'	20'

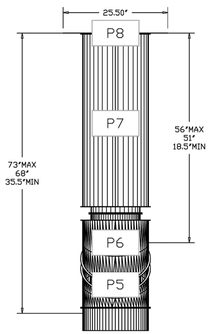
DO NOT LEAK TEST USING SMOKE BOMBS CONTAINING CHLORINES/CHLORIDES. CONSULT WITH CAPTIVEAIRE FOR PROPER LEAK TESTING METHODS.

DUCTWORK #1 TOP VIEW
FIELD VERIFY

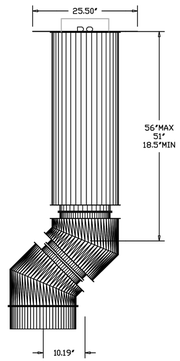


DUCTWORK #1 FRONT VIEW
FIELD VERIFY

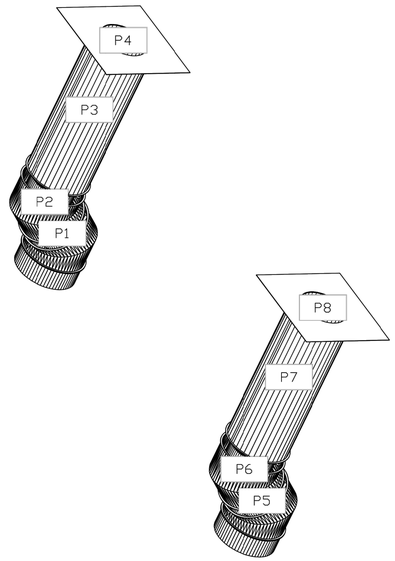




DUCTWORK #1 SIDE VIEW
FIELD VERIFY



DUCTWORK #1 SE VIEW
FIELD VERIFY



CAPTIVEAIRE
www.captiveaire.com
Airbarrier (R)evolution!
PO Box 1842, Farmington, AR. 72730 PHONE: (501) 500-5450 FAX: (501) 710-8670 EMAIL: reg146@captiveaire.com

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

KFC - Next Gen 30 Seat Proto w/ 1 DOAS

DATE: 10/29/2021
DWG.#: 5163097
DRAWN BY: Josh / 146
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
11

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

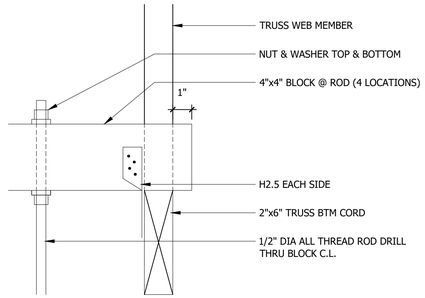
HOOD PLAN ELEVATION SECTIONS

M3.10

PLOT DATE: 30.01.2022

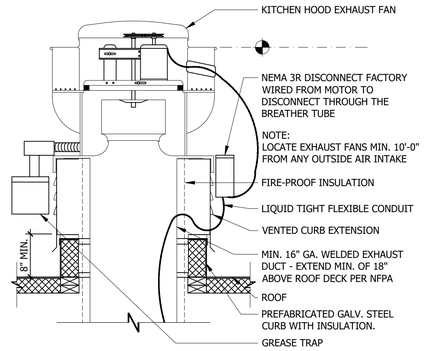
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NOT USED 17



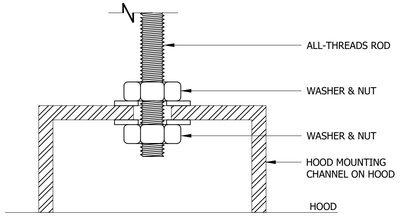
ROD ATTACHMENT 3" = 1'-0" 13

NOT USED 5

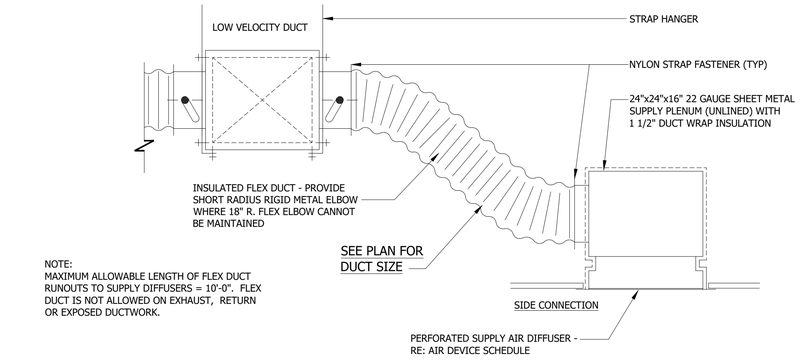


EXHAUST FAN N.T.S. 1

NOT USED 18

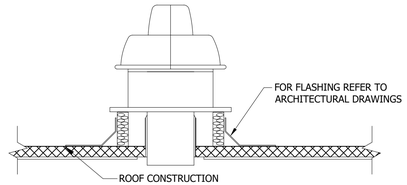


BOLT CONNECTION TO HOOD N.T.S. 14



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

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



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

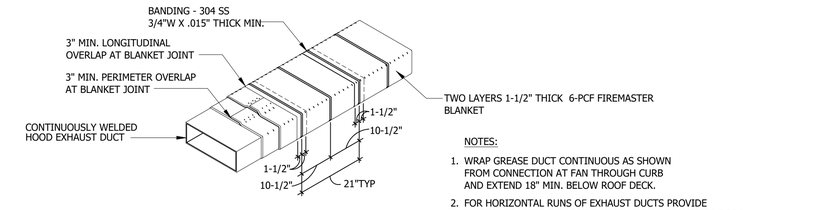
ROOF MOUNTED EXHAUST CAP N.T.S. 2

NOT USED 18

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

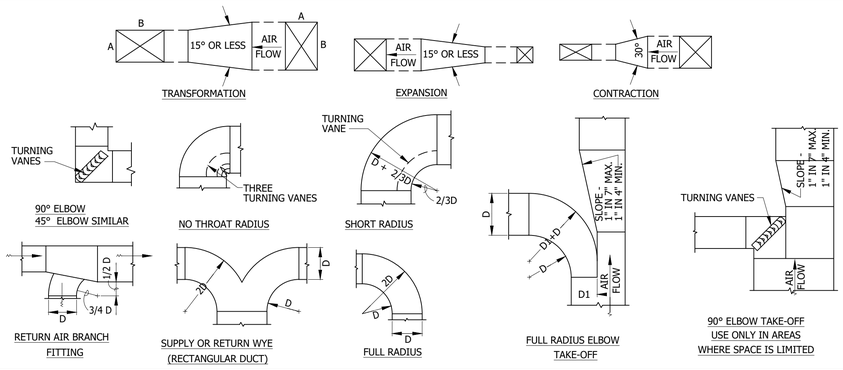


BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10-1/2" ON CENTER.

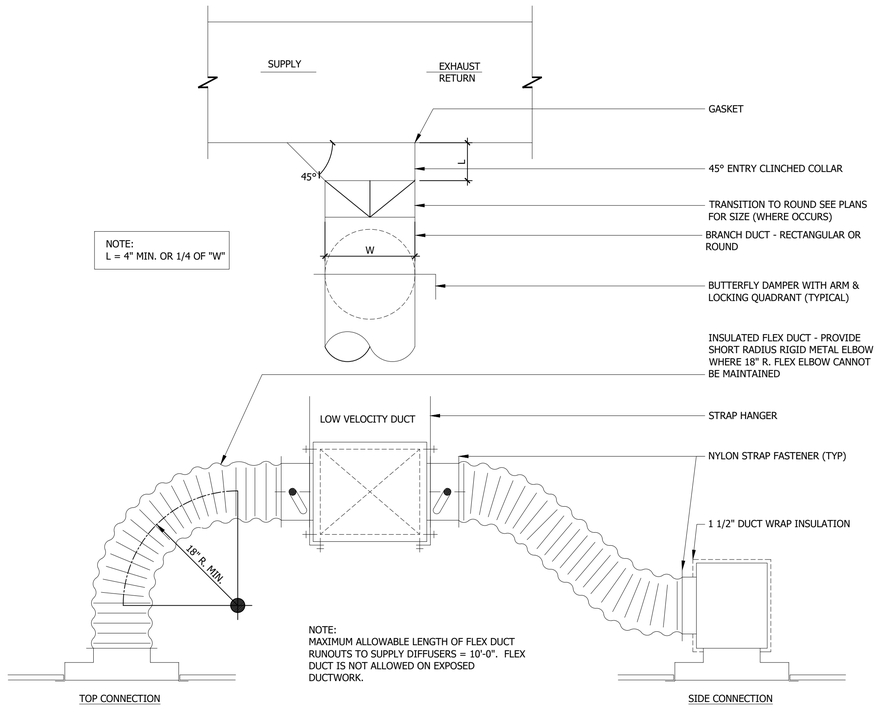
NOTES:

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

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



TYPICAL DUCTWORK DETAILS N.T.S. 16



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

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

SPECIFICATIONS

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

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

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

HOOD NOTES AND SPECS (TYP.) 4

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

MECHANICAL AND HOOD DETAILS

M4.0

PLOT DATE: 30.01.2022

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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

GREASE INTERCEPTOR SIZING

GREASE INTERCEPTOR WAS SIZED WITH THE FOLLOWING FORMULA:

FLOW RATE TO GREASE INTERCEPTOR (GPM):
FIXTURE FLOW RATE (CU IN / 231) = GALLONS X 0.75 (DIVERSITY) / 2 MINUTE (RETENTION)

FIXTURE	QTY.	DIMENSIONS	VOLUME TOTAL (CU IN)	TOTAL (GPM)
S-2: MOP SINK	2	24"X24"X10"	11,520	18.7
S-2: 3-COMP SINK	1	21"X21"X14" (3 SINKS)	18,522	30
FD: FLOOR DRAIN	10	N/A	N/A	N/A
FS: FLOOR SINK	2	N/A	N/A	2
HD: HUB DRAIN	5	N/A	N/A	2.5
			TOTAL (GPM)	53.2

GREASE PRODUCTION:
SERVINGS PER DAY X GREASE PRODUCTION X DAYS BETWEEN PUMP-OUTS = GREASE OUTPUT

NUMBER OF MEALS PER DAY: 300
GREASE PRODUCTION: 0.025 LBS PER MEAL
DAYS BETWEEN PUMP-OUTS: 90 DAYS

300 X 0.025 X 90 = 675 LBS OF FOG

CONTRACTOR SHALL INSTALL (1) 75 GPM / 862 LBS GREASE CAPACITY 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

SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	(N)	NEW
	(E)	EXISTING
	F.D.	FLOOR DRAIN
	H.D.	HUB DRAIN
	OFD	OVERFLOW DRAIN
	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
X-X 0000		PLUMBING EQUIPMENT DESIGNATION
XXX		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIP. DRAWINGS FOR DESCRIPTION.
SS	SS	SOIL OR WASTE (SANITARY)/ WASTE STUB
GW	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
G	G	GAS / GAS STUB
CW	CW	COLD WATER / CW STUB
HW	HW	HOT WATER / HW STUB
HWR	H.W.R.	HOT WATER RETURN
	V.	SANITARY VENT
SD	S.D.	STORM DRAIN
CD	C.D.	CONDENSATE DRAIN
	F.C.O.	FLOOR CLEANOUT OR CLEANOUT TO GRADE
	W.C.O.	WALL CLEANOUT
FW	FW	FILTERED WATER
TW	TW	PREMIXED TEMPERATURE WATER
	H.B.	HOSE BIBB
	S.O.V.	SHUT-OFF GATE VALVE
	S.O.C.	SHUT-OFF GAS COCK
	C.V.	CHECK VALVE
	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
	B.V.	BALL VALVE
	C.W.	COLD WATER BELOW GRADE
	E.C.O.	EXTERIOR CLEAN OUT
	BFP	BACK FLOW PREVENTER
	FU	FIXTURE UNIT

PLUMBING LEGEND — C

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)	3	1	3		2	1.5	3	1.5	3
HAND SINK (S-1)	3	2	6		6	1.5	4.5	1.5	4.5
3-COMP. SINK (S-3) **	1					3	3	3	3
HOSE BIBB (HB-1) (HB-2)	3					2.5/1	4.5		
WATER FILTER <S-287>	1					1	1		
WATER FILTER <S-288>	1					1	1		
FLOOR DRAIN (FD-1)	12	2	4	20	24				
HUB DRAIN (HD-1)	4	2		8	8				
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 1-¼" 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, LEAD FREE, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: 009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
DN 1	DOWNSPOUT NOZZLE	4"							CAST BRONZE BODY AND FLANGE DOWNSPOUT WITH BIRDSCREEN. MOUNT NOZZLE 12" ABOVE FINISH GRADE.	J.R. SMITH / MODEL: 3120
ECO 1	EXTERIOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
ET 1	EXPANSION TANK			3/4"					EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY. MOUNT EXPANSION TANK WITH CHECK & SHUT OFF VALVES ABOVE WATER HEATER.	WATTS SERIES DET AMTROL SERIES ST WILKINS SERIES WXTP
FCO 1	FLOOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
FD 1	FLOOR DRAIN	3"	1-1/2"				2		PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A WADE / MODEL:1103
FS 1	FLOOR SINK	4"	2"				6		PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPFS4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
GI 1	GREASE INTERCEPTOR	6"							PROVIDE POLYETHYLENE GREASE INTERCEPTOR: 75 GPM AND 862 LBS GREASE CAPACITY, GREASE INTERCEPTOR OR SIZE AS REQUIRED BY AHJ. SEE CIVIL PLAN FOR EXTERIOR GREASE INTERCEPTOR SIZE AND LOCATION.	SCHIER / GB-75
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: KOHLER / MODEL: K-2084 SEE 4 / P6.0 FOR LAV SUPPORT DETAIL.	LAVATORY: KOHLER / MODEL: K-2084 FAUCET: KOHLER / MODEL: K-18140-CP
									ALTERNATE SPECIFICATION: VERIFY with OWNER FAUCET: SINGLE HOLE SUPPLY, HARD WIRED, BATTERED SENSOR OPERATED FAUCET WITH "Y" STRAINER FILTERED SOLENOID VALVE AND 0.5 GPM AERATOR. TRIM: GRID DRAIN WITH TAILPIECE. LOOSE KEY COMPRESSION, ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS. P-TRAP: 1-1/4" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTABLE P-TRAP AND WASTE ARM WITH CLEANOUT PLUG AND ESCUTCHEON, CONCEALED ARM CARRIER WITH STANCHIONS TO FLOOR, AND TRUEBRO. HANDI LAV-GUARD: INSULATION KIT FOR WATER AND WASTE PIPES.	SLOAN / MODEL: EAF-275-ISM McGUIRE / MODEL: 155A McGUIRE / MODEL: 2165CCLK McGUIRE / MODEL: 8872CF HANDI LAV-GUARD / MODEL: 102
MV 1	MIXING VALVE			1/2"	1/2"				THERMOSTATIC, 125 PSI SET POINT, LEAD FREE BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	HYDROTEK SERIES HBL LAWLER SERIES 61 LEONARD SERIES 210
RD 1	ROOF DRAIN	4"							DUCO CAST BRONZE BODY AND FLASHING COLLAR WITH COMBINED FLASHING CLAMP AND CAST IRON DOME, SUMP RECEIVER AND UNDER-DECK CLAMP.	JOSAM / MODEL: 21500
S 1	HAND SINK	2"	1-1/2"			1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. 0.5 GPM 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, FAUCET 2.2 GPM	
S 3	3-COMP. SINK	INDIRECT		1/2"	1/2"			3	SINK, FAUCET 1.42 GPM, DRAIN & PRE-RINSE KIT	
SA 1	SHOCK ARRESTOR			1/2"					STAINLESS STEEL CASING WITH STAINLESS STEEL BELOW, PRECHARGED WITH NITROGEN. SIZED PER PDI-WH201	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
U 1	URINAL ARRESTOR	2"	2"	3/4"					WHITE VITREOUS CHINA WALL HUNG FLUSH VALVE, 0.5 GPF, FLOOR MOUNTED URINAL CARRIER	AM. STD. "ALLBROOK" / MODEL:6063.051 KOHLER "DEXTER" / MODEL:K-5016-ET
WC 1	WATER CLOSET	4"	2"	1/2"			4	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.28 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSENITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS	AM. STD. "CADET"/MODEL: 3109.016/4098.800 KOHLER "HIGHLINE" / MODEL: K-3544-T CRANE "ECONMISER" / MODEL: 3H839
WCO 1	WALL CLEANOUT								CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 58510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
WH 1	WATER HEATER			1-1/4"	1-1/4"				GAS FIRED WATER HEATER, 98.5% THERMAL EFF., 199,000 BTUH INPUT, 100 GAL. STORAGE TANK, 239 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & AIR INTAKE, ASME RTD TEMP. & PRESS. REL. VALVE, ELECTRONIC IGNITION SYSTEM , ELETRONIC CONTROLS AND INTEGRAL DIAGNOSTICS.	BRADFORD WHITE / MODEL: EF-100T-199E-3N(A)
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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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

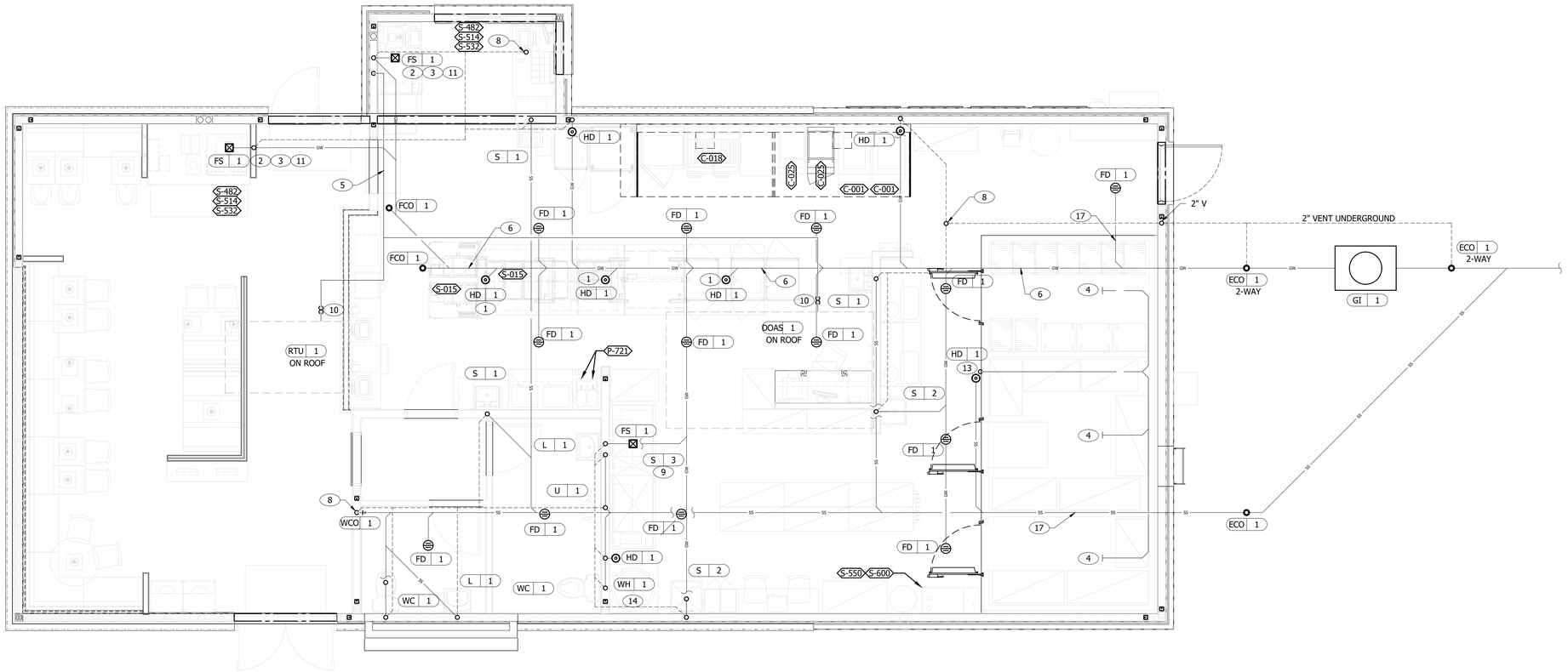
NG-30-22

PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE: 30.01.2022

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

NOT USED E

NOT USED D

WASTE & VENT PLAN NOTES C

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

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

C. STORM WATER PIPING IS SIZED FOR A RAINFALL OF 4" PER HOUR. ADJUST ROOF DRAIN (RD-1) AND STORM PIPE SIZE, PER THE LOCAL RAINFALL REQUIREMENTS AND BY THE AUTHORITY HAVING JURISDICTION.

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

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

KEY NOTES B

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

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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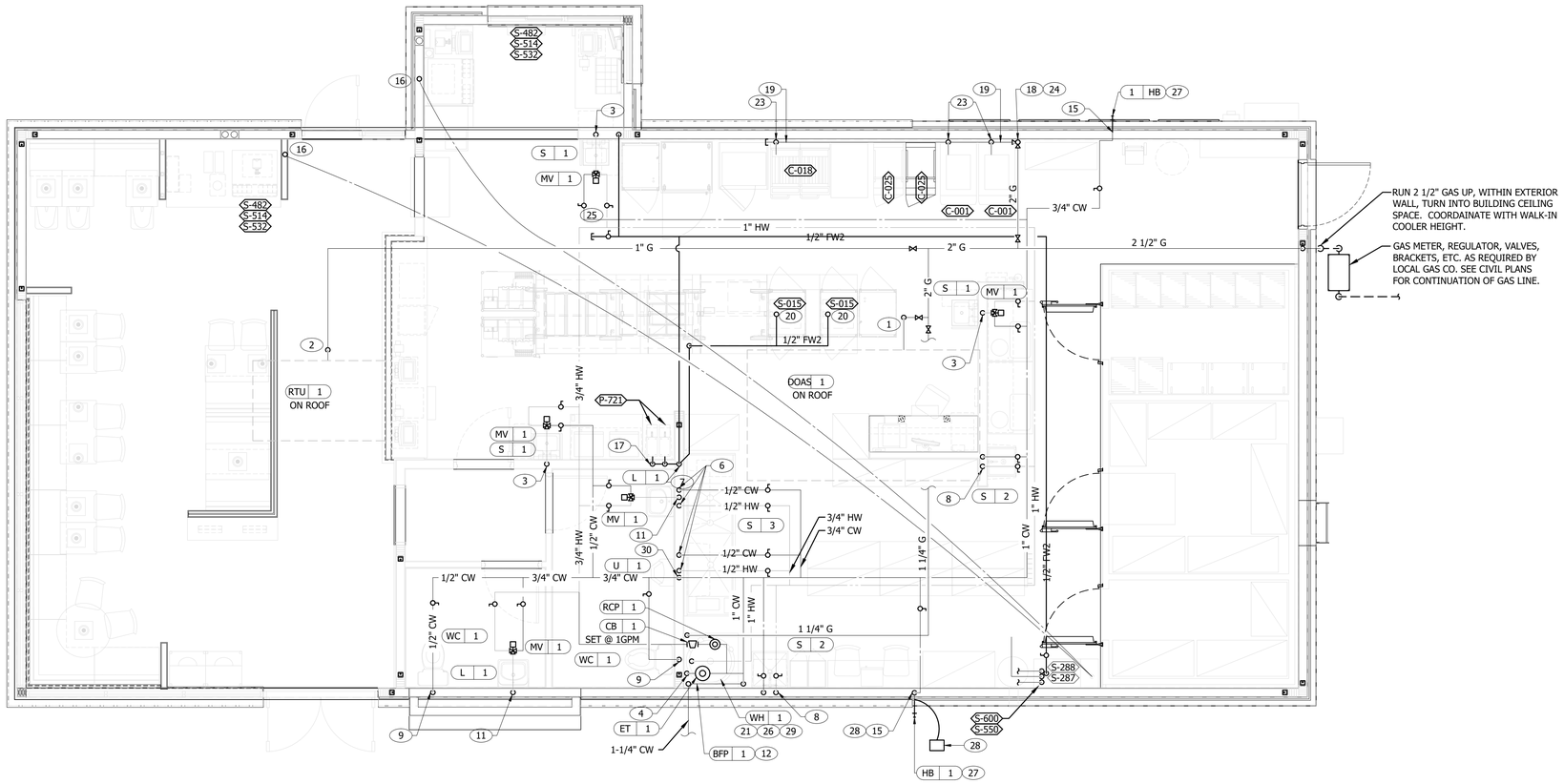
NG-30-22

WASTE AND VENT PLAN

P2.0

PLOT DATE: 30.01.2022

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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.

KEY NOTES B

1. 1¼" GAS PIPE UP TO DOAS-1 WITH DIRT LEG, GAS COCK, AND UNION.
2. 1" GAS PIPE UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
3. ½" TEMPERED WATER LINE DOWN IN WALL TO HAND SINK.
4. 1" HOT AND COLD WATER LINES TO WATER HEATER.
5. ½" HOT AND COLD WATER LINES IN DOWN WALL TO PREP SINK.
6. ½" HOT AND COLD WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
7. ½" FILTERED WATER LNE DOWN IN WALL TO BELOW SLAB. DO NOT INSTALL ANY JOINTS BELOW SLAB.
8. ½" HOT AND COLD WATER LINES DOWN IN WALL TO THE MOP SINK.
9. ½" COLD WATER LINE DOWN IN WALL TO WATER CLOSET FLUSHOMETER TANK.
10. REDUCED PRESSURE BACKFLOW PREVENTER LOCATED ABOVE THE CEILING IF ALLOWED BY LOCAL UTILITY. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. PIPE RELIEF TO HUB DRAIN. VERIFY LOCATIONS WITH CIVIL DWGS. VERIFY WATER SERVICE REQUIREMENTS WITH CITY.
11. ½" TEMPERED WATER LINE DOWN IN WALL TO LAVATORY.
12. ¾" COLD WATER LINE DOWN IN WALL TO WATER FILTERS <S-287> and <S-288>. SEE KEYNOTES 13 AND 16, THIS SHEET.
13. ½" FILTERED WATER LINE FROM WATER FILTER <S-288> TO HOT HOLDING CABINETS <S-015> / <S-017> AND HOT WATER MACHINES <P-721>. SEE DRAWINGS A2.0, P5.0, AND P6.0. SEE KEYNOTES 7 and 17, THIS SHEET.
14. NOT USED.
15. ½" COLD WATER LINE DOWN IN WALL TO EXTERIOR HOSE BIBB.
16. BUNDLED SYRUP LINES FROM FILTER <2-287> TO BEVERAGE DISPENSERS <S-532> AND FILTERED WATER LINES TO ICE CUBERS <S-512>. SEE DRAWINGS A2.0, A7.1, P5.0 AND P6.0.
17. ½" FILTERED WATER DOWN IN WALL TO BUNN HOT WATER MACHINES <P-721> (Qty. 2). BRANCH-OFF FOR EACH DISPENSER, STUB OUT OF WALL @ 6'-0" A.F.F. PROVIDE MANUAL CUT-OFF VALVE FOR EACH DISPENSER. SEE ELEVATION 7 / A8.2 FOR REFERENCE.
18. 2½" 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. ¼" 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 HEATER, PIPE INTAKE THRU ROOF AND EXHAUST THRU REAR WALL AS RECOMMENDED BY MANUFACTURER. SEE SHEET M2.0 AND DETAIL 2/P6.0.
22. NOTE NOT USED.
23. 1" GAS CONNECTION TO EACH PRESSURE FRYER, 1" GAS CONNECTION TO 6 HEAD FRYER AND 1 ½" GAS CONNECTION TO DUAL FRYER. PROVIDE FLEXIBLE HOSE KIT AS INDICATED ON ARCHITECTUAL DRAWING A2.1.
24. EMERGENCY GAS SHUT-OFF VALVE LOCATED BELOW CEILING.
25. OPTIONAL COFFEE AND TEA MAKERS: VERIFY WITH OWNER IF REQUIRED. PROVIDE ½" FILTER WATER TO EACH IF REQUIRED.
26. WATER HEATER (WH-1). PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO FLOOR SINK. SEE WATER HEATER DETAIL 2 / P6.0.
27. PROVIDE 3/4" HOSE BIB CONNECTION. ROUGH-IN @ 24" A.F.F.
28. 1" COLD WATER LINE DOWN IN WALL TO EXTERIOR IRRIGATION VALVE BOX. COORDINATE WITH IRRIGATION TIMER (IR-01) LOCATED IN MANAGER'S OFFICE; COORDINATE WITH ELECTRICAL.
29. 1¼" GAS PIPE DOWN TO WATER HEATER.
30. 3/4" COLD WATER DOWN IN WALL TO FLUSH VALVE FOR URINAL.
31. NOTE NOT USED.

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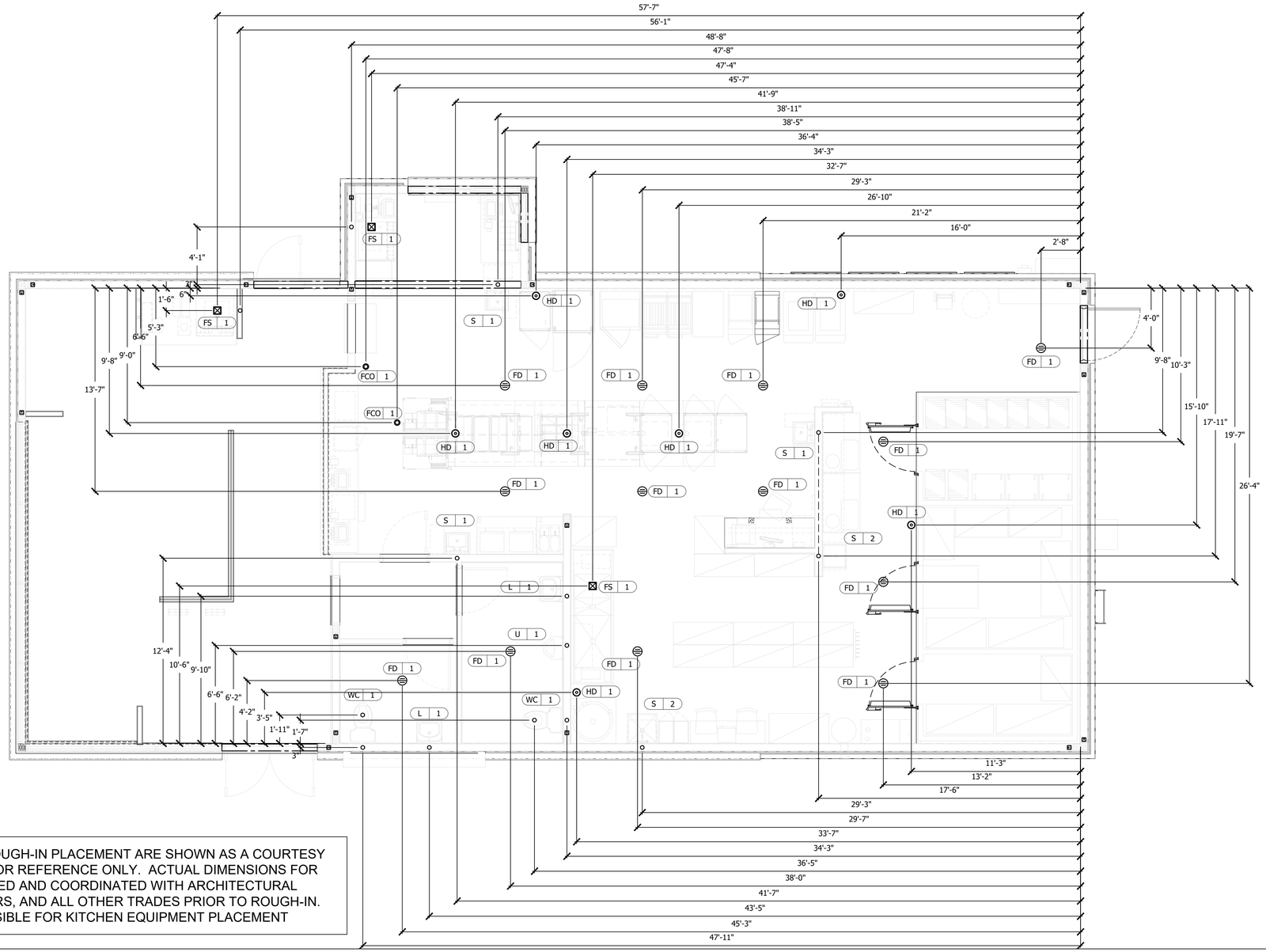
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NG-30-22

WATER AND GAS PLAN

P3.0

PLOT DATE: 30.01.2022



DIMENSIONS FOR EQUIPMENT ROUGH-IN PLACEMENT ARE SHOWN AS A COURTESY AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. ACTUAL DIMENSIONS FOR ROUGH-INS SHALL BE VERIFIED AND COORDINATED WITH ARCHITECTURAL DRAWINGS, EQUIPMENT VENDORS, AND ALL OTHER TRADES PRIOR TO ROUGH-IN. ENGINEER IS NOT RESPONSIBLE FOR KITCHEN EQUIPMENT PLACEMENT

PLUMBING ROUGH-IN PLAN 1/4"=1'-0" **A**

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FCO 1	FLOOR CLEAN OUT			FLUSH W/ FINISH FLOOR
FD 1	FLOOR DRAIN			FLOOR MOUNT
FS 1	FLOOR SINK			FLOOR MOUNT
HB 1	HOSE BIB (EXTERIOR)		+ 20" A.F.F.	COORDINATE w/ SHEETS A4.0, A4.1
HB 2	HOSE BIB (INTERIOR)		+ 24" A.F.F.	COORDAINTE w/ EQUIP. <C-134>
HD 1	HUB DRAIN			FLOOR MOUNT
L 1	LAVATORY	TW	+20" A.F.F.	VERIFY w/ ADA REQUIREMENTS
L 1	LAVATORY WASTE LINE		+16-1/2" A.F.F.	VERIFY w/ ADA REQUIREMENTS
OFD 1	ROOF OVERFLOW DRAIN LEADER	SW	+12" A.F.F.	DISCHARGES at BUILD. EXTERIOR
RD 1	ROOF DRAIN LEADER	SW		CONTINUES BELOW SLAB
S 1	HAND SINK	TW	+18" A.F.F	RIM OF LAV @ +2'-8" A.F.F.
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F	
S 3	3-COMPARTMENT SINK	W	+19" A.F.F	
S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F	
S 4	PREP SINK	W	+19" A.F.F	
S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F	

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
SD 1	SLOT DRAIN			FLOOR MOUNT
WC 1	WATER CLOSET	CW	+29" A.F.F	ALL FIXTURES ADA COMPLIANT
WCO 1	WALL CLEAN OUT		+12" A.F.F.	COORDINATE WITH HAND SINK (S-1)
WH 1	WATER HEATER	CW		
WH 1	WATER HEATER	G	+15" A.F.F.	
B-215	WATER HEATER	CW/HW		
C-001	PRESSURE FRYER - 8 HEAD (Qty. 2)	G	+12" A.F.F.	
C-017	SINGLE OPEN FRYER - OPTIONAL	G	+12" A.F.F.	
C-018	DUAL OPEN FRYER	G	+12" A.F.F.	
C-025	PRESSURE FRYER - 6 HEAD	G	+12" A.F.F.	
P-721	HOT WATER MACHINE (Qty. 2)	FW	+48" A.F.F.	SITS ON COUNTER TOP
S-015	1/2 -HEIGHT HEATED CABINET (Qty. 2)	FW	+ 1" A.F.F.	STUB UP FROM BELOW SLAB
S-017	FULL-HEIGHT HEATED CABINET (Qty. 2)	FW	+ 1" A.F.F.	STUB UP FROM BELOW SLAB
S-287	WATER FILTER SYSTEM	CW		SUPPLIED / INSTALLED BY PEPSI
S-288	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET / OUTLET TO FILTER by G.C.

PLUMBING ROUGH-IN SCHEDULE **D**

- HOT WATER
- COLD WATER
- TEMPERED WATER
- GAS
- FLOOR DRAIN
- FLOOR SINK
- HUB DRAIN
- FLOOR CLEANOUT
- WALL CLEANOUT
- FILTERED WATER
- VENT UP FROM UNDER SLAB
- VENT THROUGH ROOF (VTR)
- FILTER WATER LINE THRU SLAB.
- ROOF DRAIN LEADER

SYMBOL LEGEND **C**

GENERAL NOTES:

1. ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO CENTER OF FIXTURE.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCH AND STRUCTURAL DRAWINGS, AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.

PLUMBING ROUGH-IN NOTES **B**

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PLAN SET REVISIONS:

1	010622	65% CHECK SET
2	011822	95% CHECK SET
3	012422	ORIGINAL ISSUE
4	013122	PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
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NG-30-22

PLUMBING ROUGH-IN PLAN

P4.0

PLOT DATE: 30.01.2022

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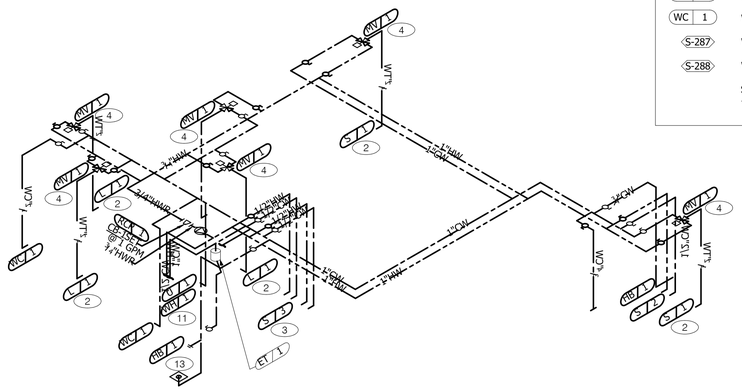
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SUPPLY WATER LINE LEGEND:

CW	COLD WATER
HW	HOT WATER
TW	TEMPERED WATER

HB	1	HOSE BIBB:	¾" CW
HB	2	HOSE BIBB:	¾" CW
L	1	LAVATORY:	½" TW
S	1	HAND SINK:	½" TW
S	2	MOP SINK:	½" CW : ½" HW
S	3	3-COMP SINK:	½" CW : ½" HW
WC	1	WATER CLOSET:	½" CW
S-287		WATER FILTER:	¾" CW
S-288		WATER FILTER:	¾" CW

SEE PLUMBING SCHEDULE A / P1.0.



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

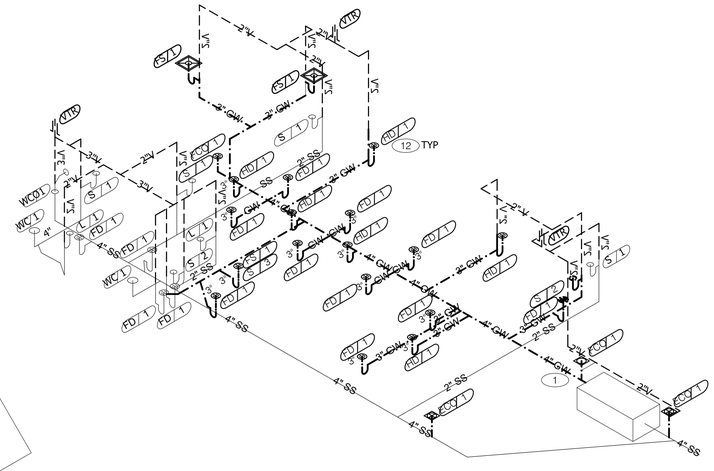
RISERS ARE FOR REFERENCE ONLY. DESIGNER/ENGINEER TO MODIFY RISERS FOR PROJECT SPECIFIC CONDITIONS.

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

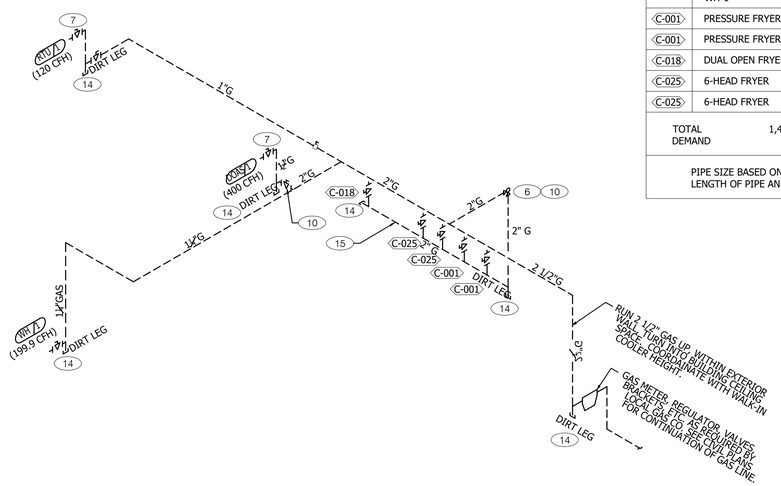
SEE PLUMBING SCHEDULE A / P1.0.



WASTE / VENT ISOMETRIC N.T.S. | **1**

GAS DEMAND SCHEDULE		
	RTU-1	120 CFH
	DOAS-1	400 CFH
	WH-1	199.9 CFH
C-001	PRESSURE FRYER	100 CFH
C-001	PRESSURE FRYER	100 CFH
C-018	DUAL OPEN FRYER	210 CFH
C-025	6-HEAD FRYER	140 CFH
C-025	6-HEAD FRYER	140 CFH
TOTAL DEMAND		1,409.9 CFH = 1,409,900 BTUH

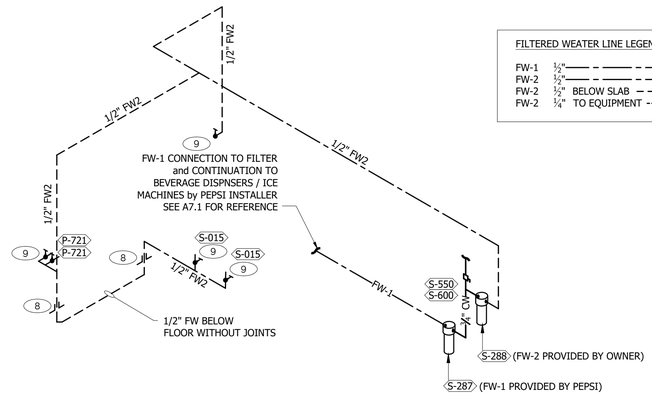
PIPE SIZE BASED ON 125' EQUIVALENT LENGTH OF PIPE AND 7" W.C.



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

FILTERED WEATER LINE LEGEND:

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



FW-1 FILTERED EQUIPMENT:

S-287 - WATER FILTER

FW-1 FILTERED LINE (COLD WATER):

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

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

FW-2 FILTERED EQUIPMENT:

S-288 - WATER FILTER

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

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

FILTERED WATER ISOMETRIC N.T.S. | **2**

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

KEYNOTES | **3**

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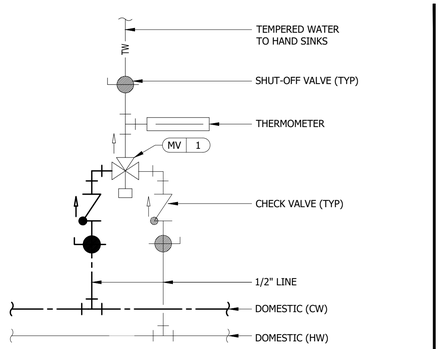
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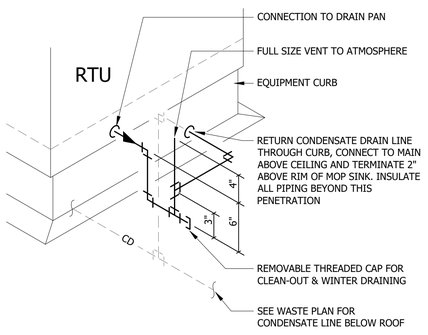
RISER DIAGRAMS

P5.0

PLOT DATE: 30.01.2022



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



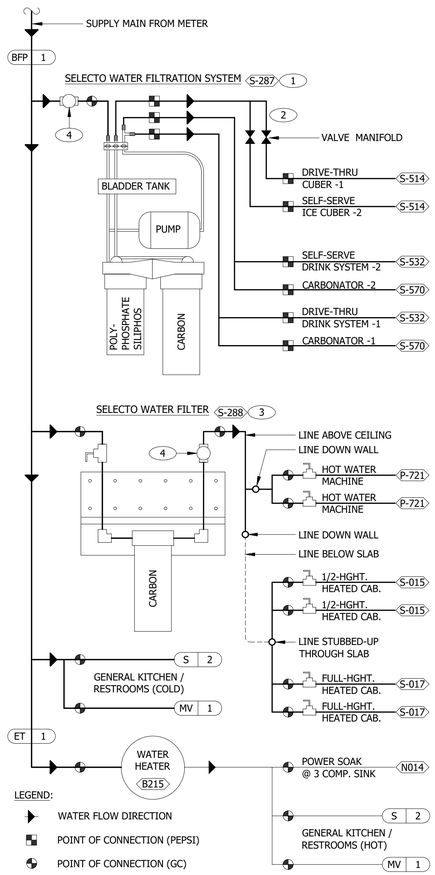
RTU CONDENSATE N.T.S. **13**

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

THE FOLLOWING IS INCLUDED IN THE MANIFOLD KIT:

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

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



LEGEND:

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

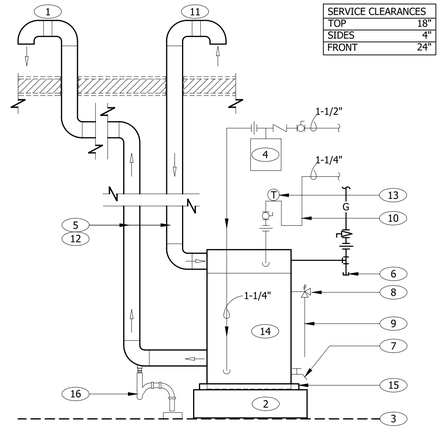
KEY NOTES:

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

GENERAL NOTES:

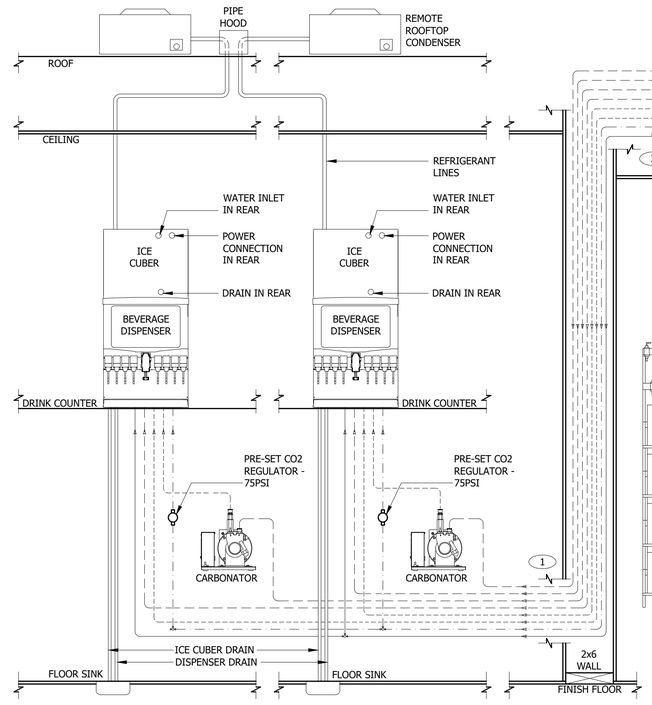
1. SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
2. INSTALLATION MUST COMPLY WITH STATE OR LOCAL PLUMBING CODES.
3. THE UNIT MUST BE PROTECTED AGAINST FREEZING.
4. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
5. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR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

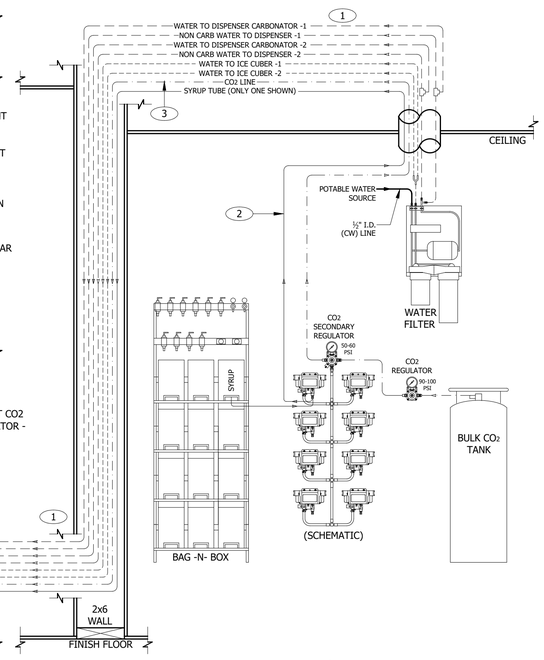
WATER FILTER SYSTEMS SCHEMATIC N.T.S. **7**



1. FLUE VENT w/ INTERNAL INSECT SCREEN by MFR. SEE KEY NOTE 18 / A3.0 for LOCATION and REQUIREMENTS of ROOF PENETRATION.
2. WATER HEATER PLATFORM PROVIDED BY W.H. MANUFACTURER.
3. FINISHED FLOOR
4. THERMAL EXPANSION TANK BY WATTS - SEE PLUMBING SCHEDULE - STRAP AND SUPPORT TO WALL
5. SCHEDULE 40 PVC, MINIMIZE TURNS AND TRANSITIONS.
6. GAS COCK VALVE WITH FULL SIZE DIRT LEG
7. 3/4" DRAIN WITH VALVE & CAP
8. COMBINATION TEMPERATURE AND PRESSURE RELIEF PER LOCAL CODE
9. RUN T&P DISCHARGE FULL SIZE TO HUB DRAIN
10. 22" DEEP HEAT TRAP
11. AIR INTAKE W/ INTERNAL INSECT SCREEN (BY MFR.) THRU ROOF.
12. SUPPORT VENT PIPE RUNS EVERY 5'-0" VERTICALLY AND EVERY 3'-0" HORIZONTALLY.
13. OUTLET THERMOMETER PROVIDED BY MFR. LOCATE WITHIN 12" OF W.H. OUTLET.
14. SEE DETAIL 9 / P6.0 FOR SCHEDULE OF ITEMS PROVIDED BY W.H. MFR.
15. DRAIN PAN TO HUB DRAIN.
16. P-TRAP AND LINE TO DRAIN PROVIDED BY MANUFACTURER. LEAVE AIR GAP BETWEEN BOTTOM OF TRAP AND DRAIN.

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





GENERAL NOTES:

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

   SEE THE EQUIPMENT PLAN FOR LOCATION.
7. SEE 12/ P6.0 FOR BUNDLE DETAILS

   "Y" FOR ICE MACHINES SUPPLY LINES SHALL BE
8. INSTALLED @ FILTER OUTLET.

   BACKFLOW PREVENTERS FOR FILTER ASSEMBLY
9. ARE PROVIDED.

   INSTALL ELECTRICAL, WATER, AND DRAIN IN
10. ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

    EQUIPMENT RATING:
11. ED250 DISPENSER - 115V, 3.5 AMPS
    CARBONATOR - 115V, 60 Hz, 7.0 AMPS

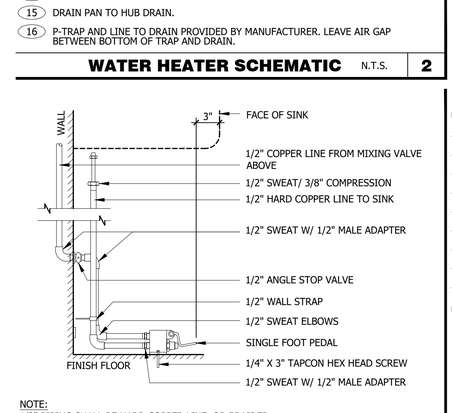
KEY NOTES:

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

LEGEND:

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

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



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

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

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

PLUMBING DETAILS

P6.0

PLOT DATE: 30.01.2022

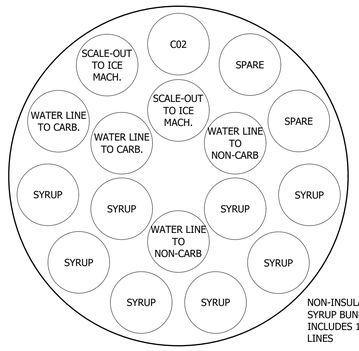
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CONSULTANT'S SEAL

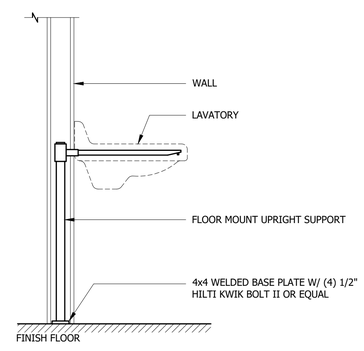
NOT USED **20**

NOT USED **16**

DETAIL NOTE USED **12**

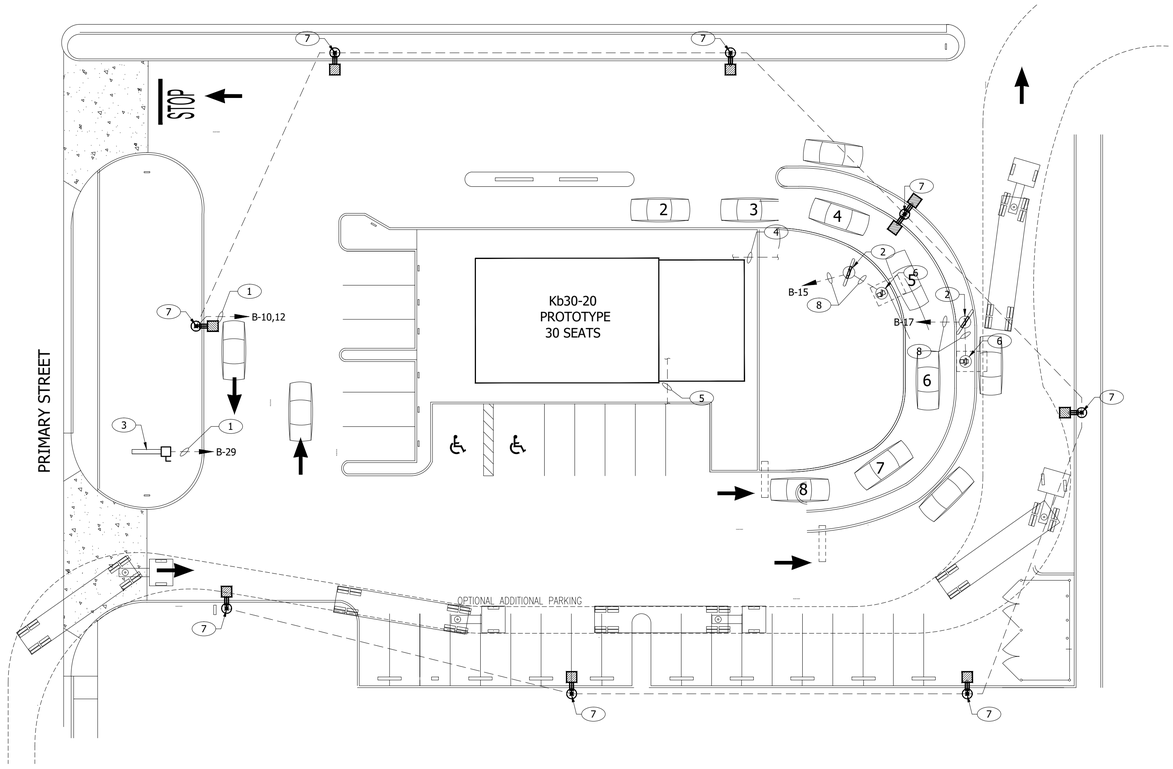


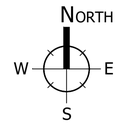
SYRUP BUNDLE CONFIGURATION N.T.S. **8**



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

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SITE ELECTRICAL PLAN N.T.S. **A**

NOT USED **F**

NOT USED **E**

NOT USED **D**

GENERAL NOTE **C**

A. SAMPLE SITE **ELECTRICAL** PLAN IS FOR INFORMATIONAL REFERENCE ONLY. FINAL SITE REQUIREMENTS WILL BE SPECIFIC TO EACH PROJECT LOCATION.

KEY NOTES **B**

1. CONDUIT SHALL BE DIRECT BURIED. REFER TO PANEL SCHEDULE FOR FINAL CIRCUITING REQUIREMENTS AND CONDUIT SIZING.
2. MENU BOARD.
3. PYLON SIGN. PROVIDE 30A NON-FUSED LOCKABLE DISCONNECT SWITCH in NEMA 3R ENCLOSURE; AT BASE OF SIGN COLUMN.
4. UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
5. UNDERGROUND TELEPHONE SERVICE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
6. ORDER CONFIRMATION BOARD/ SPEAKER POST.
7. SITE LIGHTING: NEUTRAL WHITE LED, 10,000-15,000 LUMEN, FULL CUT-OFF LUMINAIRE. REFER TO KFC SITE DESIGN MANUAL FOR LIGHT POLE SPECIFICATION and MIN. / MAX. FOOT CANDLE LEVELS; VERIFY / COMPLY WITH SITE-SPECIFIC EXTERIOR ENERGY CODE.
8. UNDERGROUND CONDUITS FOR MENU BOARD AND SPEAKER/ORDER CONFIRMATION BOARD. PROVIDE THE FOLLOWING:
   (1) 1" CONDUIT FOR POWER
   (2) 1" CONDUIT FOR DATA

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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ANYTOWN, USA. 00000

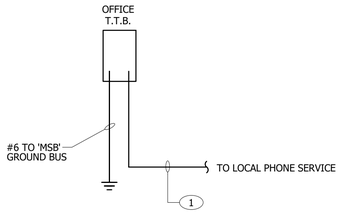
NG-30-22

ELECTRICAL SITE PLAN

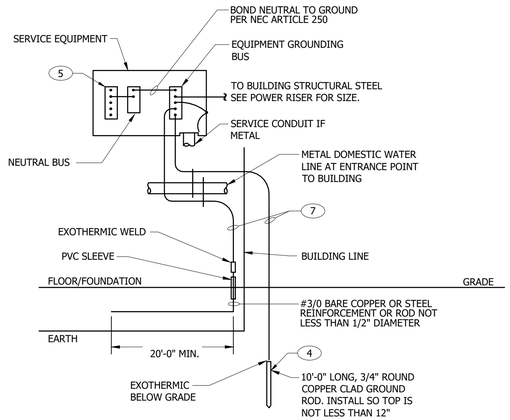
E1.0

PLOT DATE: 30.01.2022

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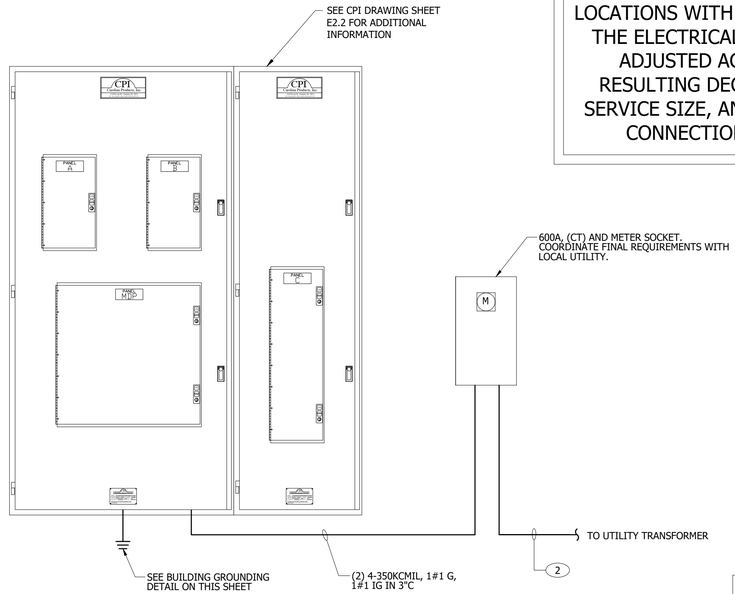


TELEPHONE BOARD GROUNDING DETAIL | E



SERVICE GROUNDING DETAIL | B

ELECTRICAL EQUIPMENT CONNECTIONS AND LOADS ARE BASED ON EQUIPMENT BEING FURNISHED ELECTRIC; THEREFORE, THE DRAWINGS REFLECT THE MAXIMUM ELECTRICAL SERVICE SIZE REQUIRED. FOR LOCATIONS WITH GAS SERVICE AVAILABLE, THE ELECTRICAL SERVICE SIZE WILL BE ADJUSTED ACCORDINGLY WITH A RESULTING DECREASE IN ELECTRICAL SERVICE SIZE, AND VARYING EQUIPMENT CONNECTION TYPES AND SIZES.



NOTES TO DESIGNER

ELECTRICAL GEAR TO BE THE STANDARD WITH INDIVIDUAL PANELBOARDS OR THE OPTIONAL MODULAR SWITCHGEAR.

TYPICAL DESIGN FOR ALL GAS RESTAURANT IS 600A @ 208/120V.
TYPICAL DESIGN FOR ALL ELECTRIC RESTAURANT IS 800A @ 208/120.

ONE-LINE DIAGRAM - EAST REGION | A

2x4 TROFFER	SPEAKER - CEILING	HOLD UP EMERGENCY BUTTON
2x4 TROFFER WITH BATTERY PACK	SPEAKER - WALL	MOTOR
2x2 TROFFER	JUNCTION BOX - WALL OR CEILING	COMBINATION STARTER/DISCONNECT SIZED AS NOTED, NEMA 1 UNLESS NOTED OTHERWISE
2x2 TROFFER WITH BATTERY PACK	DUPLEX RECEPTACLE - WALL	DISCONNECT SWITCH - FUSED SIZED AS NOTED, NEMA 1 UNLESS NOTED OTHERWISE
DOWNLIGHT FIXTURE	QUADRUPLEX RECEPTACLE - WALL	DISCONNECT SWITCH - NON-FUSED SIZED AS NOTED, NEMA 1 UNLESS NOTED OTHERWISE
DOWNLIGHT FIXTURE WITH BATTERY PACK	GFCI DUPLEX RECEPTACLE - WALL	MOTOR RATED SWITCH
SUSPENDED DOWNLIGHT FIXTURE	GFCI QUADRUPLEX RECEPTACLE - WALL	
SURFACE OR RECESSED TRACK	IG DUPLEX RECEPTACLE - WALL	
EXIT SIGN (UNIVERSAL MOUNTING)	IG DUPLEX RECEPTACLE - WALL	
EMERGENCY BATTERY PACK	SPECIAL PURPOSE RECEPTACLE - WALL	
	DUPLEX RECEPTACLE - CEILING	
	GFCI DUPLEX RECEPTACLE - CEILING	
	IG DUPLEX RECEPTACLE - CEILING	
	IG QUADRUPLEX RECEPTACLE - CEILING	
	SPECIAL PURPOSE RECEPTACLE - CEILING	
	ELECTRICAL PANEL - SURFACE	
	WP = WEATHERPROOF ENCLOSURE U = COMBINATION DUPLEX W/ USB	

NOTE: REFER TO DRAWING E4.1 FOR LIGHTING FIXTURE SCHEDULE AND DRAWING E4.2 FOR LIGHTING CONTROLS SCHEDULE.

NOTE: NOT ALL SYMBOLS SHOWN ARE USED. REFER TO PLANS FOR REQUIREMENTS.

ELECTRICAL LEGEND | G

1. THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CIRCUIT BREAKERS LOCATED AT THE DISTRIBUTION PANEL 'MSB' AND THE DOWNSTREAM 10k A.I.C. RATED CIRCUIT BREAKERS AT PANELS 'A' AND 'B' BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE BY THE UTILITY. THE NFPA-70 'SIX SWITCH' MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.
2. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT.
3. IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE ENGINEER FOR A FINAL DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.
4. COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL ELECTRICAL INSPECTOR, AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.
5. ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN", UNLESS NOTED OTHERWISE.
6. INSTALLATIONS SHALL MEET THE REQUIREMENTS OF NATIONAL, STATE, AND LOCAL CODES AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

GENERAL NOTES | D

(1) PROVIDE 2"C STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE. COORDINATE TELEPHONE SERVICE REQUIREMENTS WITH LOCAL PROVIDER.

(2) INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER LOCAL UTILITY COMPANY REQUIREMENTS. ROUTE (2) 4-350KCIL IN 3"C TO UTILITY TRANSFORMER. COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH LOCAL UTILITY.

(3) VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH LOCAL UTILITY COMPANY.

(4) PROVIDE (3) 3/4" X 10' COPPER GROUND RODS INSTALLED 12' APART AND CONNECT GROUND SYSTEM PER NEC ARTICLE 250.

(5) PROVIDE PANEL MSB WITH AN ISOLATED GROUND BUS. BOND ISOLATED GROUND BUS TO COMMON GROUND.

(6) PANEL MSB SHALL BE SERVICE ENTRANCE RATED.

(7) #2/0 GROUND IN 3/4" PVC TO GROUNDING COUNTERPOISE

KEYED NOTES | C

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

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NG-30-22

RISER DIAGRAM AND LEGEND

E2.0

PLOT DATE: 30.01.2022

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PANELBOARD: MDP (NEW)

BUS AMPS: 600A
MAIN SIZE/TYPE: 600A MCB
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SERVES: BUILDING
LOCATION: BOH

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: FCA +10% MINIMUM, FULLY RATED

EQUIPMENT GROUND BUS

MOUNTING: SURFACE

CKT NO.	DESCRIPTION	VA/PHASE A	VA/PHASE B	VA/PHASE C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VA/PHASE A	VA/PHASE B	VA/PHASE C	DESCRIPTION	CKT NO.
1		14,156	'	'							25,672	'	'		2
3	PANEL A	'	8,080	'	4/0	225	3	3	225	4/0	'	17,972	'	PANEL C	4
5		'	'	9,740							'	'	23,940		6
7		14,600	'	'							16,920	'	'		8
9	PANEL B	'	11,900	'	4/0	225	3	3	150	1/0	'	16,920	'	DOAS-1	10
11		'	'	8,600							'	'	16,920		12
13											4,680	'	'		14
15	SPACE						3	3	8	50	'	4,680	'	RTU-1	16
17													4,680		18
19															20
21	SPACE						3	3						SPACE	22
23															24
	SUBTOTAL	28,756	19,980	18,340							47,272	39,572	45,540	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
TOTAL PHASE A — VA	76,028	COOLING	64,800	1.00	REFRIGERATION	8,100	1.00
AMPS	634	HEATING		1.00	SIGN/DISPLAY	1,000	1.25
TOTAL PHASE B — VA	59,552	LIGHTING	8,500	1.25	KITCHEN	75,316	0.65
AMPS	496	RECEPTACLES	10,880	1.0/.5	EXISTING		1.00
TOTAL PHASE C — VA	63,880	MOTORS	8,264	1.00	LARGE MOTOR		1.25
AMPS	532	SUPP HEAT		1.00	SHOW WINDOW		1.25
TOTAL PNLBD — VA	199,460	MISC EQUIP	22,600	1.00	LTG TRACK		1.00
AMPS	554						

TOTAL DEMAND
175,034 VA
486 A

PANELBOARD: A (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SERVES: BUILDING
LOCATION: BOH

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: FCA +10% MINIMUM, FULLY RATED

EQUIPMENT GROUND BUS
ISOLATED GROUND BUS

MOUNTING: SURFACE

CKT NO.	DESCRIPTION	VA/PHASE A	VA/PHASE B	VA/PHASE C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VA/PHASE A	VA/PHASE B	VA/PHASE C	DESCRIPTION	CKT NO.
1	BEV DISPENSER (S-532)	1,000	'	'	12	20	1	1	20	12	900	'	'	UTILITY RECPTS	2
3	BEV DISPENSER (S-532)	'	1,000	'	12	20	1	1	20	12	'	400	'	POS TERMINAL (U-070,100)	4
5	FOOD CUBBY LIGHTING	'	'	200	12	20	1	1	20	12	'	'	180	SAFE (F-170)	6
7	UTILITY RECPTS/USB	1,100	'	'	12	20	1	1	20	12	1,000	'	'	CARBONATOR (S-570)	8
9	MENUBOARD	'	1,000	'	12	20	1	1	20	12	'	500	'	D/T TIMING SYSTEM (S-251)	10
11	PEPSI SIGNAGE	'	'	1,000	12	20	1	1	20	12	'	'	1,000	BREADER (P-601)	12
13	ORDERING KIOSK	200	'	'	12	20	1	1	20	12	400	'	'	MUSIC SYSTEM	14
15	OFFICE RECPTS (U-040,060,090)	'	900	'	12	20	1	1	20	12	'	500	'	COMM SYS STATION (U-008)	16
17	SECURITY SYSTEM (U-050)	'	'	500	12	20	1	1	20	12	'	'	184	BREADER (P-601)	18
19	OFFICE UTILITY RECPS	900	'	'	12	20	1	1	20	12	1,000	'	'	CARBONATOR (S-570)	20
21	WALK-IN DOOR COND HTR	'	500	'	12	20	1	1	20	12	'	400	'	POS TERMINAL (U-070,100)	22
23	POS TERMINAL (U-070,100)	'	'	400	12	20	1	1	20	12	'	'	1,000	ICE MAKER (S-514)	24
25	IRRIGATION TIMER	200	'	'	12	20	1	1	20	12	2,080	'	'	HEATED CABINET (S-015)	26
27	OEDERING KIOSK	'	400	'	12	20	1	1	20	12	'	2,080	'	HEATED CABINET (S-015)	28
29	ROOF RECPS	'	'	500	12	20	1	1	20	12	'	'	400	POS TERMINAL (U-070,100)	30
31	OPTICAL HEATED CAB (S-017)	2,676	'	'	10	30	1	1	20	12	500	'	'	D/T TEA BREWER (S-404/407)_	32
33	SPARE	'	'	'		20	1	1	20	12	'	400	'	MONITOR (U-198)	34
35	HEATED CABINET (S-017)	'	'	2,676	10	30	1	2	20	12	'	'	1,700	HOLDING CABINET (S-053)	36
37	DT TIMER	500	'	'	12	20	1	1			1,700	'	'		38
39	SPARE	'	'	'		20	1	1	20		'	'	'	SPARE	40
41	SPARE	'	'	'		20	1	1	20		'	'	'	SPARE	42
	SUBTOTAL	6,576	3,800	5,276							7,580	4,280	4,464	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
TOTAL PHASE A — VA	14,156	COOLING		1.00	REFRIGERATION		1.00
AMPS	118	HEATING		0	SIGN/DISPLAY	1,000	1.25
TOTAL PHASE B — VA	8,080	LIGHTING	200	1.25	KITCHEN	19,096	0.65
AMPS	67	RECEPTACLES	9,180	1.0/.5	EXISTING		1.00
TOTAL PHASE C — VA	9,740	MOTORS		1.00	LARGE MOTOR		1.25
AMPS	81	SUPP HEAT		1.00	SHOW WINDOW		1.25
TOTAL PNLBD — VA	31,976	MISC EQUIP	2,500	1.00	LTG TRACK		1.00
AMPS	89						

TOTAL DEMAND
25,592 VA
71 A

PANELBOARD: B (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SERVES: BUILDING
LOCATION: BOH

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: FCA +10% MINIMUM, FULLY RATED

EQUIPMENT GROUND BUS
ISOLATED GROUND BUS

MOUNTING: SURFACE

CKT NO.	DESCRIPTION	VA/PHASE A	VA/PHASE B	VA/PHASE C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VA/PHASE A	VA/PHASE B	VA/PHASE C	DESCRIPTION	CKT NO.
1	INT DINING LIGHTS	500	'	'	12	20	1	1	20	12	500	'	'	INT DINNING LIGHTS	2
3	EXT BUILDING LIGHTS	'	500	'	12	20	1	1	20	12	'	500	'	INT DINNING LIGHTS	4
5	INT KITCHEN LIGHTS	'	'	500	12	20	1	1	20	12	'	'	1,500	HAND DRYER	6
7	ENERGY MGMT SYSTEM	200	'	'	12	20	1	1	20	12	1,000	'	'	EXT SIGNAGE	8
9	SPARE	'	'	'		20	1	2	20	12	'	1,000	'	EXT SITE LIGHTING	10
11	SPARE	'	'	'		20	1	1			'	'	1,000		12
13	EXTERIOR RECPS	400	'	'	12	20	1	1	20	12	200	'	'	VIVE HUB	14
15	D/T MENU BOARD	'	1,000	'	12	20	1	1	20	12	'	400	'	COOLER/FREEZER LIGHTS	16
17	D/T MENU BOARD	'	'	1,000	12	20	1	1	20	12	'	'	1,500	HAND DRYER	18
19	SHOW WINDOW	'	'	'	12	20	1	2	40	8	3,300	'	'	HW DISPENSER (P-721)	20
21	SHOW WINDOW	'	'	'	12	20	1				'	3,300	'		22
23	SHOW WINDOW	'	'	'	12	20	1	1	20	12	'	'	1,000	EXT SIGNAGE	24
25	WATER HEATER	200	'	'	12	20	1	1	20	12	1,000	'	'	EXT SIGNAGE	26
27	RECIRC. PUMP	'	200	'	12	20	1	1	20	12	'	'	'	SPARE	28
29	EXT MONUMENT SIGNAGE	'	'	'	12	20	1	1	20	12	'	'	'	SPARE	30
31	FRYER (C-018)	1,800	'	'	12	20	1	2	40	8	3,300	'	'	HW DISPENSER (P-721)	32
33		'	1,700	'							'	3,300	'		34
35	MAU-1	'	'	1,700	12	20	3	1	20		'	'	400	OIL RECOVERY SYSTEM	36
37		1,700	'	'				1	20	12	500	'	'	CO2 SENSOR	38
39	SPARE	'	'	'				1	20		'	'	'	SPARE	40
41	SPARE	'	'	'				1	20		'	'	'	SPARE	42
	SUBTOTAL	4,800	3,400	3,200							9,800	8,500	5,400	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
TOTAL PHASE A — VA	14,600	COOLING		1.00	REFRIGERATION		1.00
AMPS	122	HEATING		0	SIGN/DISPLAY		1.25
TOTAL PHASE B — VA	11,900	LIGHTING	7,900	1.25	KITCHEN	1,800	0.65
AMPS	99	RECEPTACLES	400	1.0/.5	EXISTING		1.00
TOTAL PHASE C — VA	8,600	MOTORS	5,100	1.00	LARGE MOTOR		1.25
AMPS	72	SUPP HEAT		1.00	SHOW WINDOW		1.25
TOTAL PNLBD — VA	35,100	MISC EQUIP	19,900	1.00	LTG TRACK		1.00
AMPS	97						

TOTAL DEMAND
36,445 VA
101 A

PANELBOARD: C (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SERVES: BUILDING
LOCATION: BOH

FAULT CURRENT: REFER TO ONE-LINE DIAGRAM
AIC RATING: FCA +10% MINIMUM, FULLY RATED

EQUIPMENT GROUND BUS
ISOLATED GROUND BUS

MOUNTING: SURFACE

CKT NO.	DESCRIPTION	VA/PHASE A	VA/PHASE B	VA/PHASE C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VA/PHASE A	VA/PHASE B	VA/PHASE C	DESCRIPTION	CKT NO.
1		900	'	'			1	2	20	12	500	'	'	EF-1	2
3	WALK-IN COOLER	'	900	'	12	20	1	1	20	12	'	500	'	EF-2	4
5		'	'	900			1	1	20	12	'	'	900	OFFICE RECPS	6
7		900	'	'			1	1	20	12	400	'	'	KITCHEN MONITORS	8
9	WALK-IN FREEZER	'	900	'	12	20	1	1	20	12	'	200	'	RECP (F-050)	10
11		'	'	900			1	1	20	12	'	'	500	SODA BOOSTER PUMP	12
13		2,900	'	'			1	2	20	12	732	'	'	FRYER (C-025)	14
15	POWER SOAK (N-014)	'	2,900	'	10	30	3	1	20	12	'	732	'	OPTIONAL FRYER (C-025)	16
17		'	'	2,900				1	20	12	'	'	1,000	HOOD SUPPRESION (E-241)	18
19		2,640	'	'			1	2	20	12	1,000	'	'	HOOD SUPPRESION (E-241)	20
21	CONVECTION OVEN (C-130)	'	2,640	'	10	30	3	1	20	12	'	200	'	HOOD LIGHTS (E-241)	22
23		'	'	2,640				1	20	12	'	'	200	HOOD LIGHTS (E-241)	24
25		5,700	'	'			2	2	20	12	1,700	'	'	MICROWAVE OVEN (C-13)	26
27	PRESSURE FRYER (C-001/184)	'	5,700	'	6	60	3				'	1,700	'		28
29		'	'	5,700				2	20	12	'	'	1,700	MICROWAVE OVEN (C-13)	30
31		5,700	'	'							1,700	'	'		32
33	PRESSURE FRYER (C-001/184)	'	500	'	6	60	3	1	20	12	'	200	'	AUTOMATIC SLIDING DOOR	34
35		'	'	5,700				1			'	'	'	SPARE	36
37		900	'	'				1			'	'	'	SPARE	38
39	WALK-IN COOLER	'	900	'	12	20	3	1			'	'	'	SPARE	40
41		'	'	900				1			'	'	'	SPARE	42
43	SPARE	'	'	'			1	1			'	'	'	SPARE	44
45	SPARE	'	'	'			1	1			'	'	'	SPARE	46
47	SPARE	'	'	'			1	1			'	'	'	SPARE	48
49	SPARE	'	'	'			1	1			'	'	'	SPARE	50
51	SPARE	'	'	'			1	1			'	'	'	SPARE	52
53	SPARE	'	'	'			1	1			'	'	'	SPARE	54
	SUBTOTAL	19,640	14,440	19,640							6,032	3,532	4,300	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF
TOTAL PHASE A — VA	25,672	COOLING		1.00	REFRIGERATION	8,100	1.00
AMPS	214	HEATING		0	SIGN/DISPLAY		1.25
TOTAL PHASE B — VA	17,972	LIGHTING	400	1.25	KITCHEN	54,420	0.65
AMPS	150	RECEPTACLES	1,300	1.0/.5	EXISTING		1.00
TOTAL PHASE C — VA	23,940	MOTORS	3,164	1.00	LARGE MOTOR		1.25
AMPS	200	SUPP HEAT		1.00	SHOW WINDOW		1.25
TOTAL PNLBD — VA	67,584	MISC EQUIP	200	1.00	LTG TRACK		1.00
AMPS	188						

TOTAL DEMAND
48,637 VA
135 A

BUILDING ELECTRICAL SERVICE LOAD SUMMARY

BUILDING OCCUPANCY TYPE: A
BUILDING SQUARE FOOTAGE: 2,076

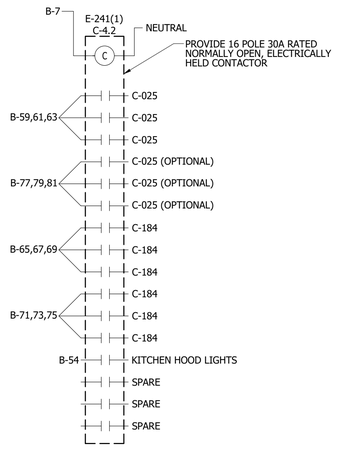
SERVICE DESCRIPTION:
208Y/120V, 3PH

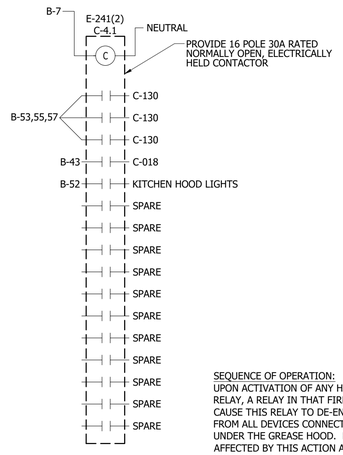
LOAD DESCRIPTION	Connected KVA	Demand FACTOR	Demand KVA
HVAC — SUMMER	64.80	100%	64.80
HVAC — WINTER	0.00	100%	0.00
LIGHTING (PER NEC-220)	3.00	125%	3.75
RECEPTACLES	10.88	100%,50%	10.44
KITCHEN EQUIPMENT	75.32	65%	48.96
MOTOR LOADS	8.26	100%	8.26
LARGEST MOTOR LOAD	0.00	125%	0.00
SUPPLEMENTAL ELECTRIC HEAT	0.00	100%	0.00
MISCELLANEOUS EQUIPMENT	22.60	100%	22.60
REFRIGERATION EQUIPMENT	8.10	100%	8.10
DISPLAY CASE/SIGNAGE	1.00	125%	1.25
SHOW WINDOW / TRACK LIGHTING	0.00	PER NEC	0.00
EXTERIOR LIGHTING	5.50	125%	6.88
TOTAL LOAD	199.46	KVA	175.03
TOTAL AMPACITY	553.65	AMPS	485.85
SERVICE AMPACITY	600	AMPS	600.00
SPARE CAPACITY		AMPS	114

PANEL SCHEDULES | A

ELECTRICAL EQUIPMENT CONNECTIONS AND LOADS ARE BASED ON EQUIPMENT BEING FURNISHED ELECTRIC; THEREFORE, THE DRAWINGS REFLECT THE MAXIMUM ELECTRICAL SERVICE SIZE REQUIRED. FOR LOCATIONS WITH GAS SERVICE AVAILABLE, THE ELECTRICAL SERVICE SIZE WILL BE ADJUSTED ACCORDINGLY WITH A RESULTING DECREASE IN ELECTRICAL SERVICE SIZE, AND VARYING EQUIPMENT CONNECTION TYPES AND SIZES.

NOT USED | D





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 | C

1. PROVIDE ISOLATED GROUND FOR REQUIRED CIRCUITS. REFER TO E3.0 POWER PLAN FOR RECEPTACLES AND ASSOCIATED CIRCUITS REQUIRED ISOLATED GROUND.
2. BREAKER SIZES, EQUIPMENT LOADS, AND FINAL CONNECTIONS MUST BE VERIFIED WITH FINAL EQUIPMENT SPECIFICATIONS.

PANEL SCHEDULE NOTES | B

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

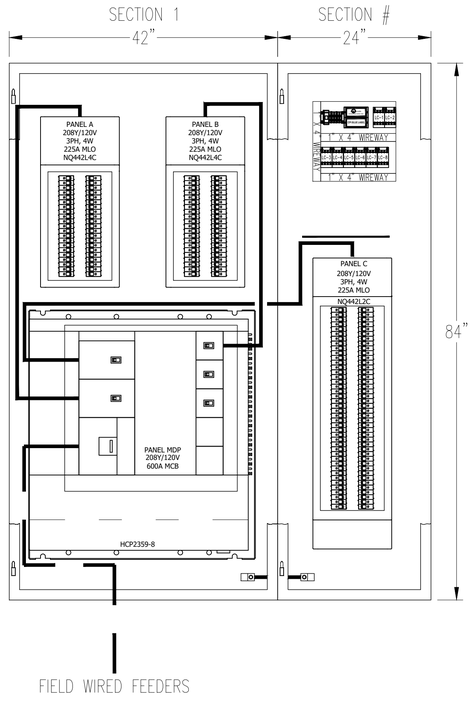
KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

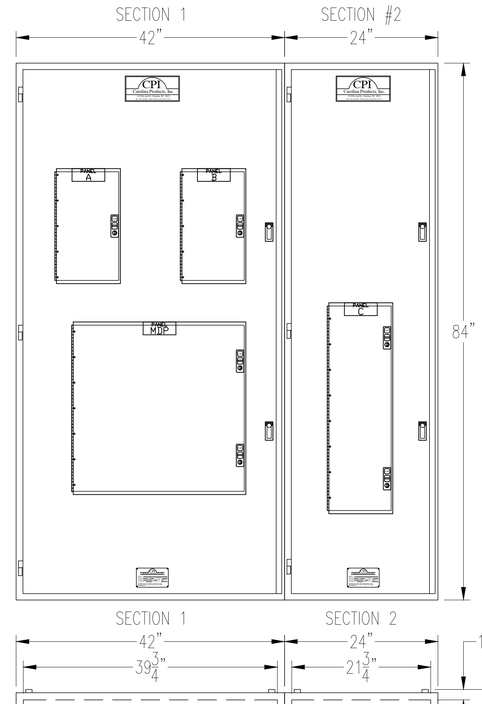
SCHEDULES AND LOAD SUMMARY

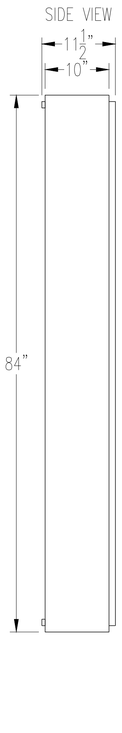
E2.1

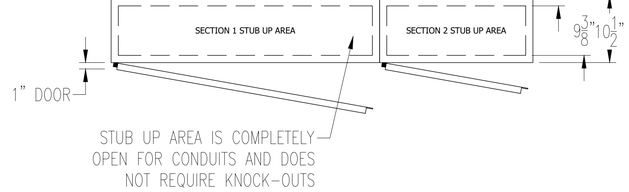
PLOT DATE: 30.01.2022



FIELD WIRED FEEDERS







WIRE LEGEND

FACTORY WIRING: ———

FIELD WIRING: — —

CPI ELECTRICAL DETAIL | **A**

NOT USED | **D**

NOT USED | **C**

NOT USED | **B**

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

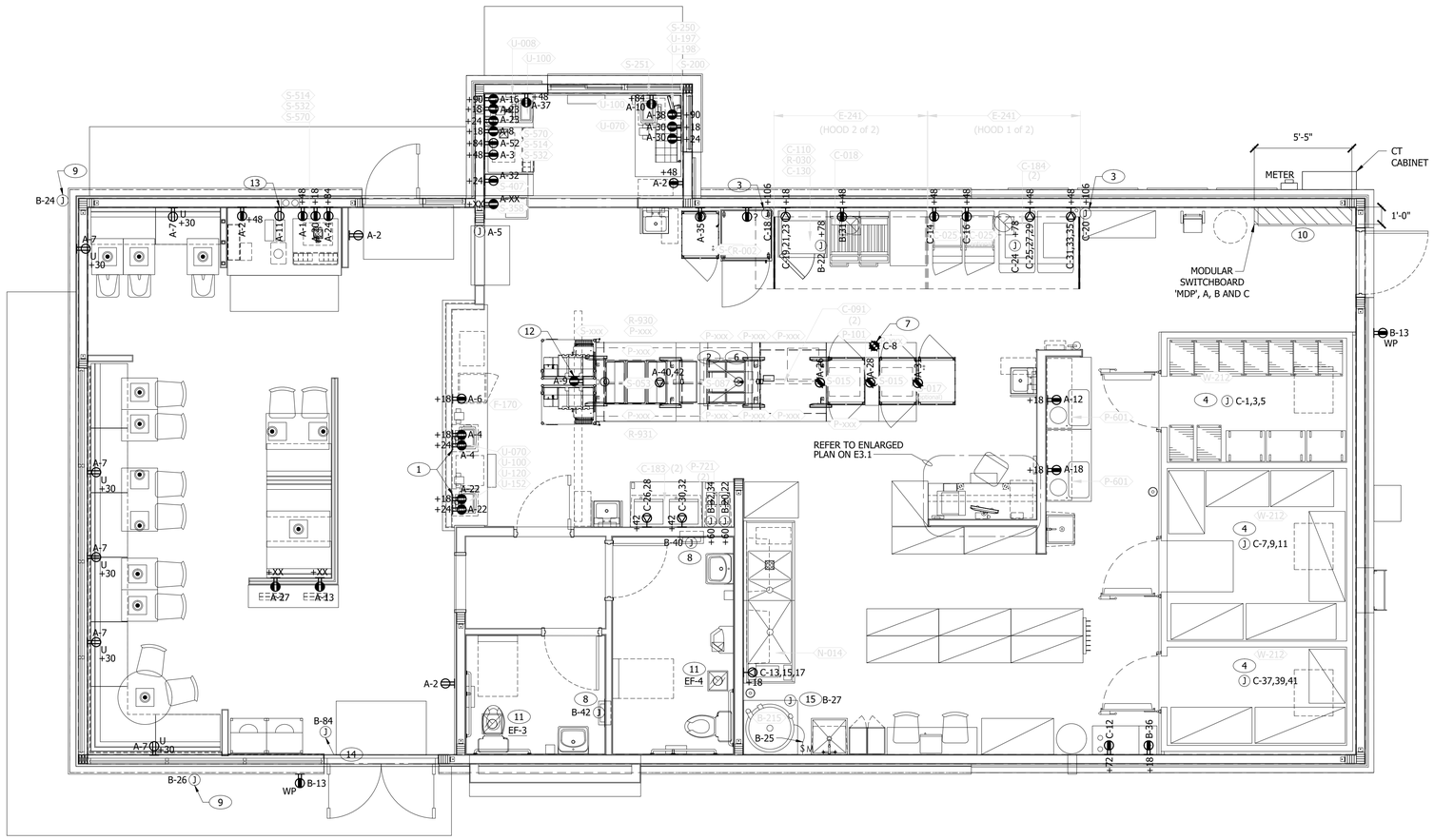
CP1 ELECTRICAL DETAIL

E2.2

PLOT DATE: 30.01.2022

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

ELECTRICAL EQUIPMENT CONNECTIONS AND LOADS ARE BASED ON EQUIPMENT BEING FURNISHED ELECTRIC; THEREFORE, THE DRAWINGS REFLECT THE MAXIMUM ELECTRICAL SERVICE SIZE REQUIRED. FOR LOCATIONS WITH GAS SERVICE AVAILABLE, THE ELECTRICAL SERVICE SIZE WILL BE ADJUSTED ACCORDINGLY WITH A RESULTING DECREASE IN ELECTRICAL SERVICE SIZE, AND VARYING EQUIPMENT CONNECTION TYPES AND SIZES.

NOTES TO DESIGNER

COORDINATE ELECTRICAL PANELS WITH SITE SPECIFIC PROJECT. VERIFY KFC STANDARD WITH PANELBAORD OR OPTIONAL DESIGN WITH INTEGRATED SWITCHGEAR.

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

POWER FLOOR PLAN

E3.0

PLOT DATE: 30.01.2022

NOT USED **D**

POWER GENERAL NOTES **C**

A. VERTICAL DIMENSIONS TO DEVICES ARE FROM FINISHED FLOOR TO CENTER OF BOX, UNLESS NOTED OTHERWISE.

B. ALL CONDUIT DROPS ARE INSIDE WALLS UNLESS NOTED OTHERWISE.

C. ALL JUNCTION BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECTRICAL DRAWINGS AND SPECIFICATIONS.

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

E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE FINAL LOCATION OF ELECTRICAL ROUGH-INS WITH INFO PROVIDED ON THE ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS, AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.

F. LOCATIONS OF ALL OUTLETS SHALL 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 PER 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 ALL APPURTENANCES AS REQUIRED.

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

K. ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS INSTALLED IN KITCHEN AREA SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER CEC 210.8(B).

L. ALL SECURITY SYSTEM EQUIPMENT AND POINT-OF-SALE EQUIPMENT, INCLUDING DIGITAL MENU BOARDS, SHALL BE PLACED ON ISOLATED GROUND OUTLETS.

M. DO NOT MEASURE/LOCATE DEVICES ON DRAWINGS. USE DIMENSIONS PROVIDED ON ARCHITECTURAL PLANS.

N. CONDUIT MAY RUN UNDER SLAB AT GENERAL CONTRACTOR'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.

P. ALL DEVICE MOUNTING HEIGHTS NOTED ARE APPROXIMATE. FINAL MOUNTING HEIGHTS MUST BE VERIFIED WITH ASSOCIATED EQUIPMENT PRIOR TO ROUGH-IN.

POWER KEYED NOTES **B**

1. INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINETRY REAR WALL.
2. PACK LINE EQUIPMENT 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.
3. JUNCTION BOX FOR ANSUL SYSTEM. LOCATE ABOVE CEILING.
4. REFER TO ROOF PLAN FOR LOCATION OF CONDENSING UNIT.
5. CEILING MOUNTED TWIST-LOCK RECEPTACLE. COORDINATE WITH PACK LINE EQUIPMENT.
6. ALIGN CEILING MOUNTED RECEPTACLES ALONG CENTERLINE OF TABLE.
7. CEILING RECEPTACLE FOR FOR PACK LINE MONITORS.
8. JUNCTION BOX FOR 120V CONNECTION TO HAND DRYER. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
9. EXTERIOR SIGNAGE SHALL BE TIED INTO LIGHTING CONTROLS SYSTEM. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
10. PROVIDE UNDERGROUND CONDUIT FOR POWER AND DATA FOR MENU BOARD LOCATED ON THE EXTERIOR SITE. REFER TO DETAIL 14/E6.0 FOR FINAL REQUIREMENTS. FINAL MENU BOARD LOCATION WILL BE SITE SPECIFIC.
11. EXHAUST FAN SHALL BE TIED INTO LOCAL LIGHTING CIRCUIT. EXHAUST FAN SHALL BE CONTROLLED VIA LOCAL WALL SWITCH OCCUPANCY SENSOR. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
12. POWER FOR MENUBOARD. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH MENUBOARD INSTALLER.
13. RECEPTACLE FOR PEPSI SIGN. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH SIGNAGE.
14. POWER FOR AUTOMATIC SLIDING DOOR. COORDINATE REQUIREMENTS WITH MANUFACTURER.
15. PROVIDE POWER AND MAKE CONNECTION TO RETICULATION PUMP PER MANUFACTURES RECOMMENDATION.

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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.

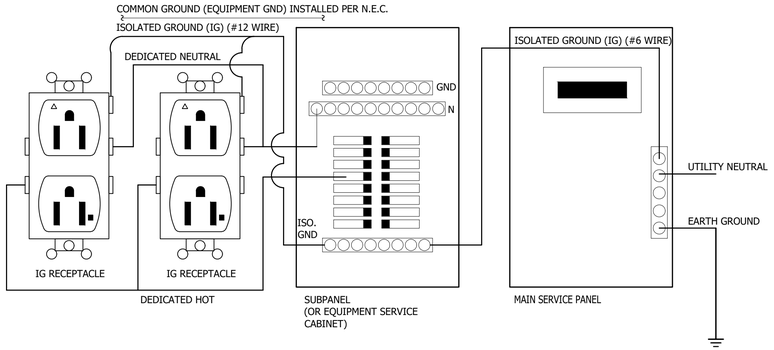
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

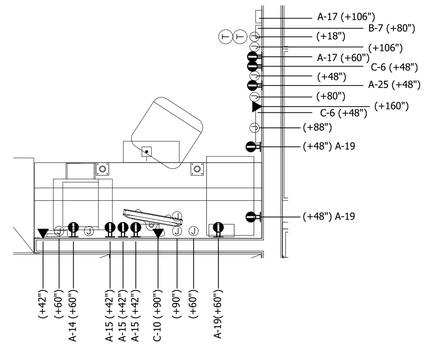
* USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
* RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
* INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
* CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
* VERIFY THAT IG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



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

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

PANEL WALL ELEVATION N.T.S. | **B**

(1) XXXX

KEY NOTES | **C**

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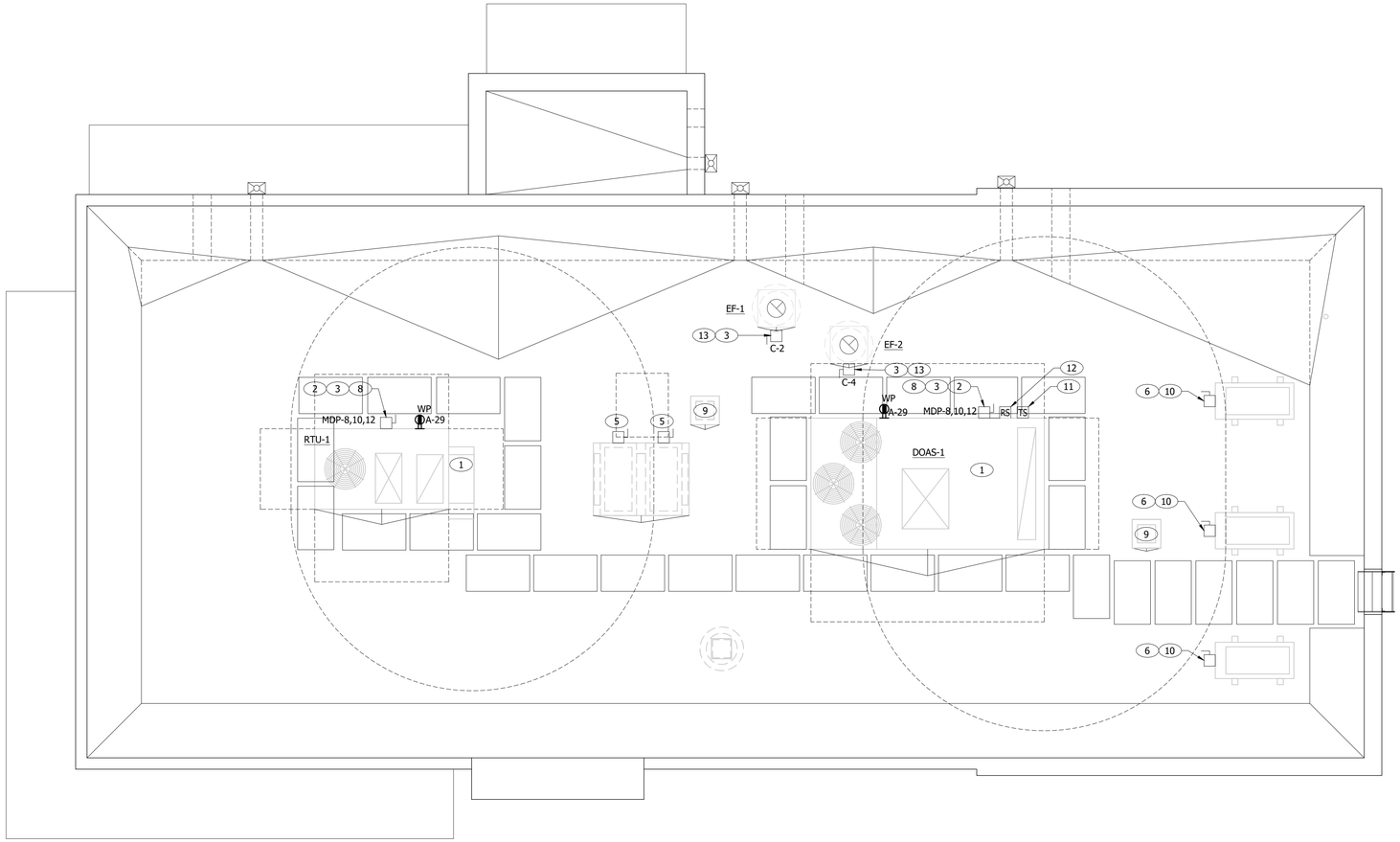
NG-30-22

ENLARGED POWER PLAN AND DETAILS

E3.1

PLOT DATE: 30.01.2022

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

NOT USED F

NOT USED E

POWER ROOF PLAN NOTES D

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

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

C. REFER TO MECHANICAL SCHEDULE FOR FINAL ELECTRICAL CONNECTION REQUIREMENTS.

D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS, UNLESS NOTED OTHERWISE.

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

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

G. 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.

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

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

J. PROVIDE UNISTRUT MOUNTING SYSTEM FOR DISCONNECT SWITCHES AND RECEPTACLES.

KEY NOTES B

1. PROVIDE CONNECTION FROM RETURN AIR DUCT SMOKE DETECTORS TO MECHANICAL CONTROL CIRCUIT PER DETAIL 2/E6.0, AND FIRE ALARM SYSTEM (IF PRESENT).
2. SPECIFIED DOAS SHALL BE SUPPLIED WITH THROUGH THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURE AND ACCESS THROUGH SWINGING DOOR.
3. POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
4. GOOSENECK TERMINATION FOR RESTROOM EXHAUST. FAN SHALL BE CONNECTED TO RESTROOM LIGHTING. REFER TO LIGHTING PLAN FOR CONTROL REQUIREMENTS.
5. PROVIDE 30A/2P/3R DISCONNECT AND 3/4"C WITH REQUIRED CONDUCTORS TO JUNCTION BOX IN CEILING ABOVE ICE MACHINE. MAKE FINAL CONNECTION TO ICE MACHINE AND ASSOCIATED CONDENSING UNIT. REFER TO POWER PLAN E3.0 FOR CIRCUITING CONTINUATION TO ICE MAKER.
6. REFER TO POWER PLAN E3.0 FOR CIRCUITING CONTINUATION TO COOLER/FREEZER WALK-IN BOX.
7. CHANNEL LETTERS WALL SIGN.
8. UNIT SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING, AND CONVENIENCE OUTLET.
9. PIPE HOOD, SEE DETAIL 9/A6.0.
10. VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER. PROVIDE ALL APPURTENANCES FOR A COMPLETE AND FUNCTIONAL SYSTEM.
11. OUTSIDE AIR TEMPERATURE SENSOR BY ENERGY MANAGEMENT SYSTEM (EMS) SUPPLIER; MOUNT ON NORTH SIDE OF RTU-2. CONNECT TO RTU EQUIPMENT CONTROL PACK.
12. RAIN SENSOR.
13. 30A/2P/3R DISCONNECT SWITCH.

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POWER ROOF PLAN

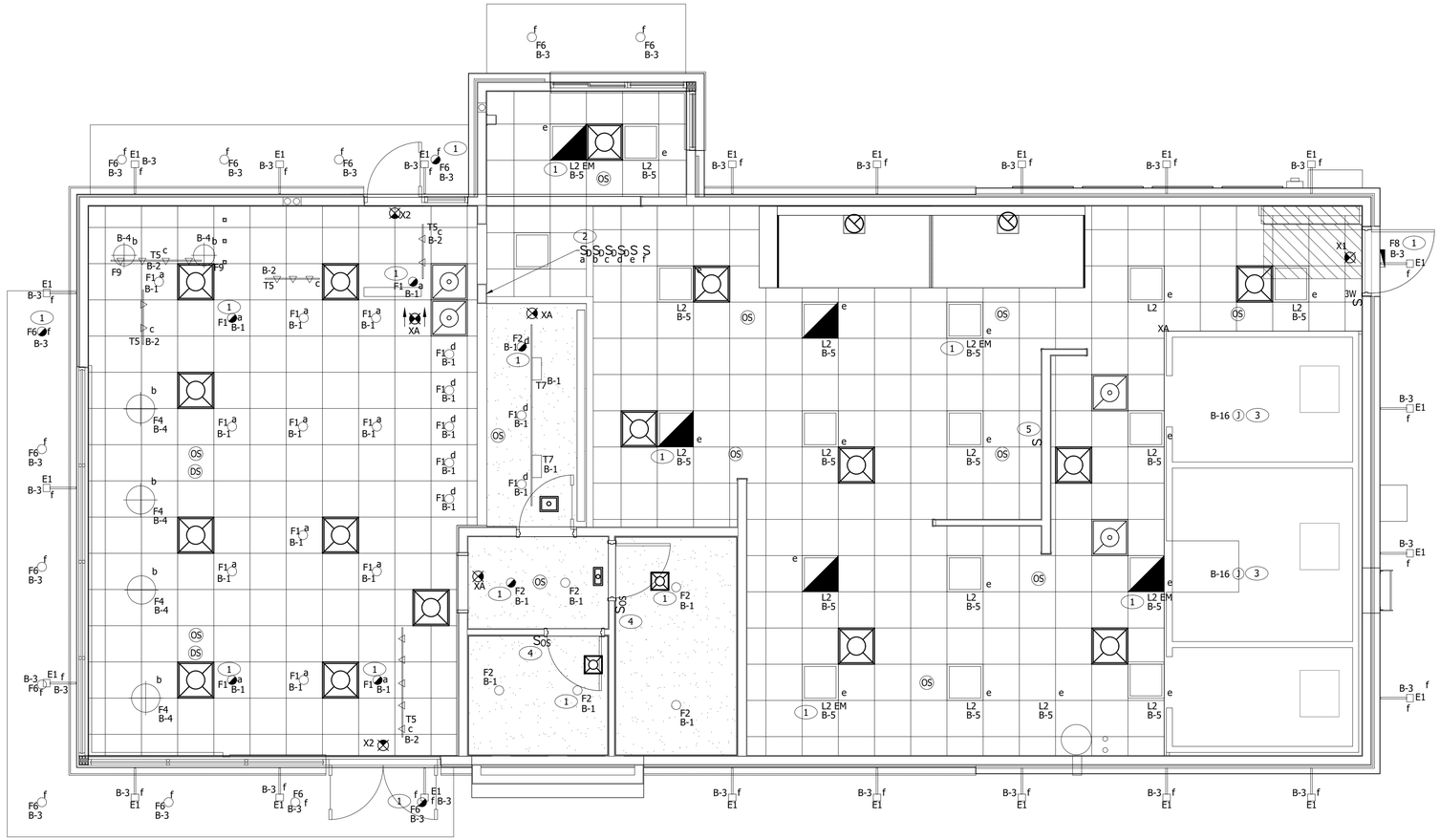
E3.2

PLOT DATE: 30.01.2022

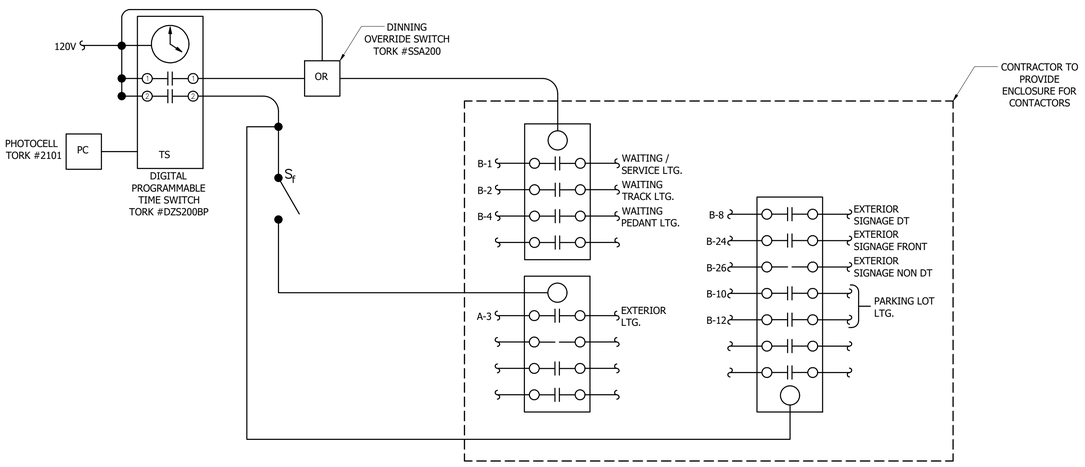
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NOTES TO DESIGNER

COORDINATE LIGHTING CONTROLS WITH SITE SPECIFIC PROJECT. VERIFY KFC STANDARD LIGHTING CONTROLS WITH DIMMERS/CONTACTORS AND TIMECLOCK/PHOTOCELL OR OPTIONAL LUTRON VIVE WIRELESS SYSTEM.



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



LIGHTING CONTROL DETAIL **D**

1. REFER TO E4.1 FOR LIGHTING FIXTURE SCHEDULE AND E4.2 FOR LIGHTING CONTROLS SCHEDULE AND DETAILS.
2. LOCATE ALL LIGHTING CONTROL POWER PACKS ABOVE ACCESSIBLE CEILING.
3. OCCUPANCY SENSORS ARE SHOWN FOR DIAGRAMMATICAL PURPOSES. FINAL QUANTITY AND LOCATION PER MANUFACTURER'S RECOMMENDATIONS.
4. CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS WITH THE FINAL LOCATION OF ALL EQUIPMENT AND DEVICES.
5. UPON JOB COMPLETION, PROVIDE ACCURATE, TYPED PANEL SCHEDULES.
6. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
7. EXIT AND EMERGENCY LIGHTING TO BE FED FROM LOCAL CIRCUIT AND HAVE 90 MINUTE BATTERY BACKUP.

LIGHTING GENERAL NOTES **C**

1. PROVIDE FIXTURE WITH INTEGRAL 90 MINUTE BATTERY BACK-UP. SEE CONTROLS SCHEDULE ON SHEET E4.2 FOR MORE INFORMATION.
2. COORDINATE FINAL SWITCH LOCATIONS WITH OWNER PRIOR TO ROUGH-IN. (1) ON/OFF SWITCH SHALL CONTROL KITCHEN. (1) ON/OFF SWITCH SHALL CONTROL EXTERIOR LIGHTS. (4) DIMMING SWITCHES SHALL CONTROL WAITING AND SERVING AREAS. REFER TO LIGHTING CONTROL DETAIL ON THIS SHEET.
3. COORDINATE COOLER/FREEZER LIGHTING WITH FOOD SERVICE REPRESENTATIVE AND OWNER.
4. PROVIDE OCCUPANCY WALL SWITCH WITH ADDITIONAL RELAY FOR CONTROL OF LOCAL EXHAUST FAN.
5. PROVIDE 2 HOUR OVERRIDE SWITCH, COORDINATE EXACT LOCATION WITH OWNER REPRESENTATIVE PRIOR TO ROUGH-IN. REFER TO LIGHTING CONTROL DETAIL ON THIS SHEET.

LIGHTING KEYED NOTES **B**

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LIGHTING PLAN

E4.0

PLOT DATE: 30.01.2022

LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	MANUFACTURER/CATALOG NUMBER	LIGHT FIXTURE DESCRIPTION	LAMP	MOUNTING LOCATION	FIXTURE VOLTAGE	FIXTURE WATTAGE	REMARKS/INSTRUCTIONS NOTE: CONTRACTOR SHALL VERIFY ALL QUANTITIES OF LIGHT FIXTURES. ALL FIXTURE TYPES MAY NOT BE USED. REFER TO PLANS FOR PROJECT SPECIFIC
F1	NOT USED			SALES FLOOR			
F2	ELITE TCP: B6IC-AT-W / LED14DR5630K95	6" RECESSED LED DOWNLIGHT WITH WHITE TRIM 3000K 90 CRI	LED	SALES FLOOR,BEHIND COUNTER & RESTROOMS	120	26W	
F3	NOT USED						
F4	SEASCAPE PENDANT - CAPITOL LIGHT SPEC	SUSPENDED 14" DIAMETER LED PENDANT WITH TAPERED ACRYLIC INNER AND OUTER DIFFUSER CABLE SUSPENSION MATTE WHITE EXTERIOR FINISH AND CUSTOM RAL#3001 RED INTERIOR FINISH 3000K WITH BLACK MOUNTING CORD	LED	PENDANT	120	21W	
F6	NOT USED						
F8	LITHONIA: WPX1 LED P1 40K MVOLT DWHXD	EXTERIOR RATED LED WALL PACK 4000K DARK WHITE FINISH	LED	EMPLOYEE ENTRANCE WALL PACK	120	11W	
F9	KICHLER: 82279	10" DIAMETER CLEAR GLASS PENDANT MEDIUM BASE SOCKET 72" BLACK CORD	TCP: 21037 TCP FST19D4022KG	OPEN AREAS/ DINING AREAS	120V	4W	
F10	NOT USED						
F12	NOT USED						
E1	HUBBELL: LIGHT: RFL2-44L-25-3K7-M-UNV-K-BL BRACKET: 93125951	SINGLE ARRAY LED FLOOD LIGHT 3000K BLACK FINISH WITH CUSTOM 36" ARM BRACKET BLACK FINISH	LED	EXTERIOR LIGHTS	120	25W	
T5	LF ILLUMINATION: TZA01-A-J-06C-9230-M-D1-1-WW	VERTICAL INTEGRATED LED TRACK LIGHT WHITE FINISH 3000K 38 DEGREE BEAM	LED	FRONT OF COUNTER/ DINING ROOM TRACK HEAD	120	6 W	
T7	AMERLUX: MURH-31-LED-WT-TJ1-120-WW-30	HORIZONTAL INTEGRATED LED WALL WASHER TRACK LIGHT 3000K HI CRI WHITE FINISH	LED	MENU BOARD & DINING ROOM LIGHT	120	31 W	
TRACK	CONTECH: LT8P LT4P LT6P LT2P	SINGLE CIRCUIT LINE VOLTAGE TRACK WHITE FINISH	N/A	SALES FLOOR & BEHIND SERVICE COUNTER			
L1	CREE: C-TR-C-FP24-50L-35K-WH	2X4 BACK LIT LED PANEL 3500K	LED	KITCHEN LIGHTS	120	41 W	OPTION - 2X2 IS STANDARD
L1 EM	CREE: C-TR-C-FP24-50L-35K-WH-EB	2X4 BACK LIT LED PANEL 3500K WITH EM BATTERY	LED	KITCHEN LIGHTS	120	41 W	OPTION - 2X2 IS STANDARD
L2	CREE: C-TR-C-FP22-37L-35K-WH	2X2 BACK LIT LED PANEL 3500K	LED	KITCHEN LIGHTS	120	31 W	
L2 EM	CREE: C-TR-C-FP22-37L-35K-WH-EB	2X2 BACK LIT LED PANEL 3500K WITH EM BATTERY	LED	KITCHEN LIGHTS	120	31 W	
L3	CREE: C-TR-C-FP14-37L-35K-WH ABB: 90139	1X4 BACK LIT LED PANEL 3500K WITH FLANGE KIT	LED	KITCHEN LIGHTS/ RESTROOM RECESSED TROFFER	120	29 W	OPTION - 2X2 IS STANDARD
L3 EM	CREE: C-TR-C-FP14-37L-35K-WH-EB ABB: 90139	1X4 BACK LIT LED PANEL 3500K WITH EM BATTERY AND FLANGE KIT	LED	KITCHEN LIGHTS/ RESTROOM RECESSED TROFFER	120	29 W	OPTION - 2X2 IS STANDARD
X1	ELITE: ELX-703-R-W	UNIVERSAL MOUNT EXIT SIGN WITH 2 HEAD EM LIGHT WHITE FINISH RED LETTERS	LED	EXIT SIGN WITH EM LIGHT	120	4 W	
X2	ELITE: ELX-603-R-W	UNIVERSAL MOUNT EXIT SIGN WHITE FINISH RED LETTERS	LED	EXIT SIGN	120	2 W	
X3	NOT USED						
X5	NOT USED						
INVERTER	LIGHT ALARMS: LMIU-125 (125 WATTS) LIGHT ALARMS: LMIU-250 (250 WATTS) LIGHT ALARMS: LMIU-400 (400 WATTS) LIGHT ALARMS: LMIU-720 (720 WATTS)	INVERTER		FRONT OF COUNTER EM LIGHTS			

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LIGHTING FIXTURE SCHEDULE

E4.1

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LIGHTING CONTROL SCHEDULE

SYMBOL	STYLE	DESCRIPTION	COLORS	MANUFACTURER & SERIES
(OS)	VARIES	PASSIVE INFRARED WIRELESS CEILING/CORNER/WALL MOUNT OCCUPANCY SENSOR WITH 10 YEAR BATTERY.TIMEER TIMEOUT AUTOMATIC MODE: 1-30 MINUTES. INDOOR USE ONLY, UL AND CUL LISTED, FIVE YEAR WARRANTY.	WHITE	BASIS-OF-DESIGN: LUTRON RADIO POWR SAVR WIRELESS OCCUPANCY SENSOR. MODEL:LRF2-OCR2B-P-WH/LRF2-OHLB-P-WH. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(DS)	WIRELESS DAYLIGHT SENSOR	WIRELESS CEILING/CORNER/WALL MOUNT DAYLIGHT SENSOR WITH 10 YEAR BATTERY. FIVE YEAR WARRANTY.	WHITE	BASIS-OF-DESIGN: LUTRON POWR SAVR WIRELESS DAYLIGHT SENSOR. MODEL:LRF2-DCRB-WH. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(ED)	EMERGENCY POWER PACK DIMMING MODULE (ZONE)	EMERGENCY POWPACK WIRELESS COMMUNICATION ZONE CONTROL DIMMING MODULE WITH 0-10V CONTROL.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: RMJS-8T-DV-B. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
S D	PICO 3-BUTTON RAISE/LOWER WIRELESS SWITCH	WIRELESS SWITCH WITH ON, OFF, 50% AND RAISE LOWER CONTROL.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: PJ2-3BRL-LA-L01 SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
S	PICO 2-BUTTON SWITCH	ON/OFF WIRELESS CONTROL SWITCH.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: PJ2-2B-LA-L01 SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
S OS	MAESTRO DUAL TECHNOLOGY OCCUPANCY SENSOR	WIRED ON/OFF SWITCH WITH PIR OCCUPANCY SENSOR AND WIRELESS CONNECTION TO VIVE HUB.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: MRF2S-8SS-LA SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
S Dos	MAESTRO 0-10V DIMMER WITH OCCUPANCY SENSOR	WIRED DIMMING SWITCH WITH PIR OCCUPANCY SENSOR AND WIRELESS CONNECTION TO VIVE HUB.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: MS-Z101-LA SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
S ME	MAESTRO ELV DIMMER	VIVE-ENABLED WIRED DIMMING FOR ELECTRONIC LOW VOLTAGE LOADS.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: MRF2S-6ELV120-LA SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
	CLARO WALLPLATE (GANG)	WIRELESS WALL SWITCH PLATE, 1, 2, 3, 4, 5 GANG PLATES.	LIGHT ALMOND	BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: CW-X-LA. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
	WALLBOX ADAPTER	WIRELESS SWITCH WALL BOX ADAPTER KIT.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: PICO-WBX-ADAPT. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(VF)	POWER PACK DIMMING MODULE (FIXTURE)	POWPACK WIRELESS COMMUNICATION FIXTURE CONTROL DIMMING MODULE WITH 0-10V CONTROL.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: FCJS-010. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(VP)	POWER PACK DIMMING MODULE (ZONE)	POWPACK WIRELESS COMMUNICATION DIMMING MODULE WITH 0-10V CONTROL.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: RMJS-8TN-DV-B. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(VT)	POWER PACK SWITCHING MODULE (ZONE)	POWPACK WIRELESS COMMUNICATION FIXTURE CONTROL ON/OFF SWITCHING MODULE.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: RMJS-16R-DV-B. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.
(H)	VIVE HUB	VIVE HUB, FLUSH-MOUNT ADAPTER, AND POWER SUPPLY.		BASIS-OF-DESIGN: LUTRON ELECTRONICS, MODEL: HJS-1-FM. SUBJECT TO COMPLIANCE WITH REQUIREMENTS LISTED IN DESCRIPTION.

NOTES:
1. COLOR OF SWITCHBOX OCCUPANCY SENSORS SHALL MATCH COLOR OF OTHER WIRING DEVICES. REFER TO ARCHITECTURAL DRAWINGS FOR COLOR REQUIREMENTS.

2. FIXTURE SYMBOL ON FLOOR PLANS FOR CEILING OCCUPANCY/VACANCY SENSOR(S) IS INTENDED TO BE GENERIC. TYPE OF CEILING OCCUPANCY SENSOR (DUAL TECHNOLOGY PIR AND ULTRASONIC) SHALL BE SELECTED PER RECOMMENDATIONS OF OCCUPANCY SENSOR EQUIPMENT SUPPLIER BASED ON TYPE OF SPACE, OBSTRUCTIONS IN SPACE, SENSOR COVERAGES/APPLICATIONS, ETC.

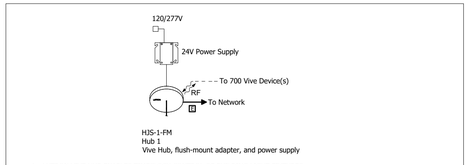
3. GANG ALL WIRELESS SWITCHES LOCATED NEXT TO EACH OTHER WITH A SINGLE GANGED FACE PLATE.

4. WIRELESS AND WIRED SOLUTIONS MAY BE SUBMITTED FOR CONTROL SYSTEM ALTERNATES.

GENERAL NOTES:

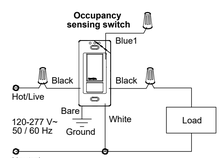
1. BASIS OF DESIGN: LUTRON ELECTRONIC'S VIVE WIRELESS CONTROL SYSTEM.
2. CONTROL DETAILS ARE FOR TYPICAL ROOM TYPES. DETAILS ARE FOR REFERENCE ONLY. FINAL DEVICE QUANTITY, MODEL NUMBERS, AND LAYOUT PER MANUFACTURER RECOMMENDATION.
3. VERIFY COMPLIANCE WITH ALL LOCAL CODES FOR FINAL DESIGN SPECIFICATION.
4. DEVICES ALREADY ACCOUNTED FOR IN CONTROL DETAILS ARE SHOWN IN HALF-TONE.
5. INCLUDE IN BASE BID: STARTUP SUPPORT SERVICES, ONSITE SYSTEM PROGRAMMING LSC-OS-PROGX-SP 4 HOUR.
6. INCLUDE IN BASE BID: LSC-SENS-LT SENSOR LAYOUT AND TUNING SERVICE.

TYPICAL VIVE HUB



HJS-1-FM
Hub 1
Vive Hub, flush-mount adapter, and power supply

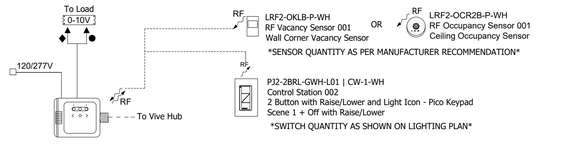
1. LUTRON VIVE HUB ENABLES TIMECLOCK CONTROL OF BUILDING LIGHT FIXTURES.
2. FINAL PLACEMENT AND QUANTITY OF VIVE HUB IS PER MANUFACTURER RECOMMENDATION.
3. BILL OF MATERIAL IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL REQUIREMENTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM. CONSULT MANUFACTURER FOR SPECIFIC DEVICE QUANTITIES, WIRING DIAGRAMS, AND EQUIPMENT DETAILS.
4. PROVIDE JUNCTION BOX PER MANUFACTURER REQUIREMENTS FOR MOUNTING OF SYSTEM DEVICES.
5. PROVIDE NETWORK CONNECTION TO HUB AND DAISY-CHAIN ALL HUBS IN PROJECT WITH ETHERNET CABLES.



WALL SWITCH OCCUPANCY SENSOR WIRING SCHEMATIC

NO SCALE

DINING ROOM

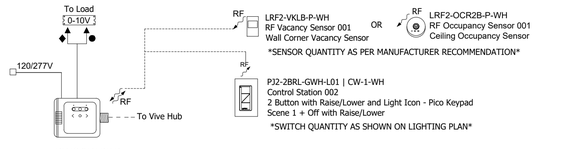


RMJS-8TN-DV-B | CW-3-WH
PowPak 0-10 V 001
PowPak Dimming Module with 0-10 V Control.

LIGHTING ZONE

NOTE:
1. LUTRON VIVE PRODUCTS ARE BASIS OS DESIGN. SUBSTITUTIONS ALLOWED BY THE SPECIFICATION SHALL INCLUDE ALL WIRING DETAILS FOR REVIEW.
2. SEQUENCE OF OPERATIONS:
   -AUTOMATIC-ON: ALL LOADS/AUTOMATIC-OFF: ALL LOADS
   -ALL LIGHTING LOADS TURNED ON AUTOMATICALLY BY TIMECLOCK 30 MINUTES BEFORE START OF BUSINESS.
   -ALL LIGHTING LOADS AUTOMATICALLY TURN OFF BY TIMECLOCK 2 HOURS AFTER CLOSE OF BUSINESS.
   -BETWEEN ONE HOUR AFTER CLOSE OF BUSINESS AND ONE HOUR BEFORE START OF BUSINESS, ALL LIGHTS SHALL BE CONTROLLED BY OCCUPANCY SENSOR. ALL LIGHTS SHALL AUTOMATICALLY TURN ON TO 100% WHEN AN OCCUPANT ENTER THE ROOM, AND AUTOMATICALLY TURN OFF ONCE THE SPACE IS VACATED AND THE SENSOR'S TIME DELAY OF 15 MINUTES EXPIRES.
   -DIMMING CONTROL SWITCH, PROVIDES MANUAL CONTROL OF ALL LOADS. MANUAL CONTROL IS OVERRIDDEN BY AUTOMATIC SHUTOFF.
3. BILL OF MATERIAL IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL REQUIREMENTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM. CONSULT MANUFACTURER FOR SPECIFIC DEVICE QUANTITIES, WIRING DIAGRAMS, AND EQUIPMENT DETAILS.
4. PROVIDE JUNCTION BOX PER MANUFACTURER REQUIREMENTS FOR MOUNTING OF SYSTEM DEVICES.

KITCHEN



RMJS-8TN-DV-B
PowPak 0-10 V 001
PowPak Dimming Module with 0-10 V Control.

LIGHTING ZONE

NOTE:
1. LUTRON VIVE PRODUCTS ARE BASIS OS DESIGN. SUBSTITUTIONS ALLOWED BY THE SPECIFICATION SHALL INCLUDE ALL WIRING DETAILS FOR REVIEW.
2. SEQUENCE OF OPERATIONS:
   -AUTOMATIC-ON: ALL LOADS/AUTOMATIC-OFF: ALL LOADS
   -ALL LIGHTING LOADS TURNED ON AUTOMATICALLY BY TIMECLOCK 30 MINUTES BEFORE START OF BUSINESS.
   -ALL LIGHTING LOADS AUTOMATICALLY TURN OFF BY TIMECLOCK 2 HOURS AFTER CLOSE OF BUSINESS.
   -BETWEEN ONE HOUR AFTER CLOSE OF BUSINESS AND ONE HOUR BEFORE START OF BUSINESS, ALL LIGHTS SHALL BE CONTROLLED BY OCCUPANCY SENSOR. ALL LIGHTS SHALL AUTOMATICALLY TURN ON TO 100% WHEN AN OCCUPANT ENTER THE ROOM, AND AUTOMATICALLY TURN OFF ONCE THE SPACE IS VACATED AND THE SENSOR'S TIME DELAY OF 15 MINUTES EXPIRES.
   -DIMMING CONTROL SWITCH, PROVIDES MANUAL CONTROL OF ALL LOADS. MANUAL CONTROL IS OVERRIDDEN BY AUTOMATIC SHUTOFF.
3. BILL OF MATERIAL IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL REQUIREMENTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM. CONSULT MANUFACTURER FOR SPECIFIC DEVICE QUANTITIES, WIRING DIAGRAMS, AND EQUIPMENT DETAILS.
4. PROVIDE JUNCTION BOX PER MANUFACTURER REQUIREMENTS FOR MOUNTING OF SYSTEM DEVICES.

RESTROOMS



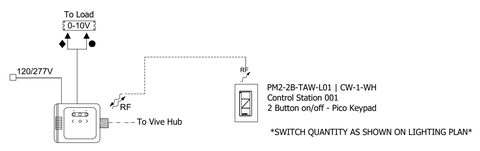
MRF2S-8SS-WH | CW-1-WH
Control Station 001
120-277 V, 8 A Maestro switch with passive infrared occupancy
Toggle On and Off with Auto On/Off
1 gang backbox

1. LUTRON VIVE PRODUCTS ARE BASIS OS DESIGN. SUBSTITUTIONS ALLOWED BY THE SPECIFICATION SHALL INCLUDE ALL WIRING DETAILS FOR REVIEW.
2. SEQUENCE OF OPERATIONS:
   -AUTOMATIC-ON: ALL LOADS/AUTOMATIC-OFF: ALL LOADS
   -ALL LIGHTING LOADS AUTOMATICALLY TURN ON TO 100% WHEN THE OCCUPANT ENTER THE ROOM.
   -ALL LIGHTING LOADS AUTOMATICALLY TURN OFF ONCE THE SPACE IS VACATED AND THE SENSOR'S TIME DELAY OF 15 MINUTES EXPIRES.
   -ON/OFF CONTROL SWITCH, PROVIDES MANUAL CONTROL OF ALL LOADS. MANUAL CONTROL IS OVERRIDDEN BY AUTOMATIC SHUTOFF.

ROOM CONTROL STATION
GENERAL LIGHTING LOADS ASSIGNED TO 1 BUTTON TOGGLE ON/OFF CONTROL STATION.

3. BILL OF MATERIAL IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL REQUIREMENTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM. CONSULT MANUFACTURER FOR SPECIFIC DEVICE QUANTITIES, WIRING DIAGRAMS, AND EQUIPMENT DETAILS.
4. PROVIDE JUNCTION BOX PER MANUFACTURER REQUIREMENTS FOR MOUNTING OF SYSTEM DEVICES.

EXTERIOR LIGHTING



RMJS-16R-DV-B
PowPak 0-10 V 001
PowPak Switching Module with 0-10 V Control.

LIGHTING ZONE

NOTE:
1. LUTRON VIVE PRODUCTS ARE BASIS OS DESIGN. SUBSTITUTIONS ALLOWED BY THE SPECIFICATION SHALL INCLUDE ALL WIRING DETAILS FOR REVIEW.
2. SEQUENCE OF OPERATIONS:
   -AUTOMATIC-ON: ALL LOADS/AUTOMATIC-OFF: ALL LOADS
   -ALL LIGHTING LOADS TURNED OFF AUTOMATICALLY BY TIMECLOCK 30 MINUTES AFTER SUNRISE.
   -ALL LIGHTING LOADS AUTOMATICALLY TURN ON BY TIMECLOCK ONE HOUR BEFORE SUNSET.
   -CONTROL SWITCH, PROVIDES MANUAL CONTROL OF ALL LOADS. MANUAL CONTROL IS OVERRIDDEN BY AUTOMATIC ON TO 100%.
3. BILL OF MATERIAL IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL REQUIREMENTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM. CONSULT MANUFACTURER FOR SPECIFIC DEVICE QUANTITIES, WIRING DIAGRAMS, AND EQUIPMENT DETAILS.
4. PROVIDE JUNCTION BOX PER MANUFACTURER REQUIREMENTS FOR MOUNTING OF SYSTEM DEVICES.

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

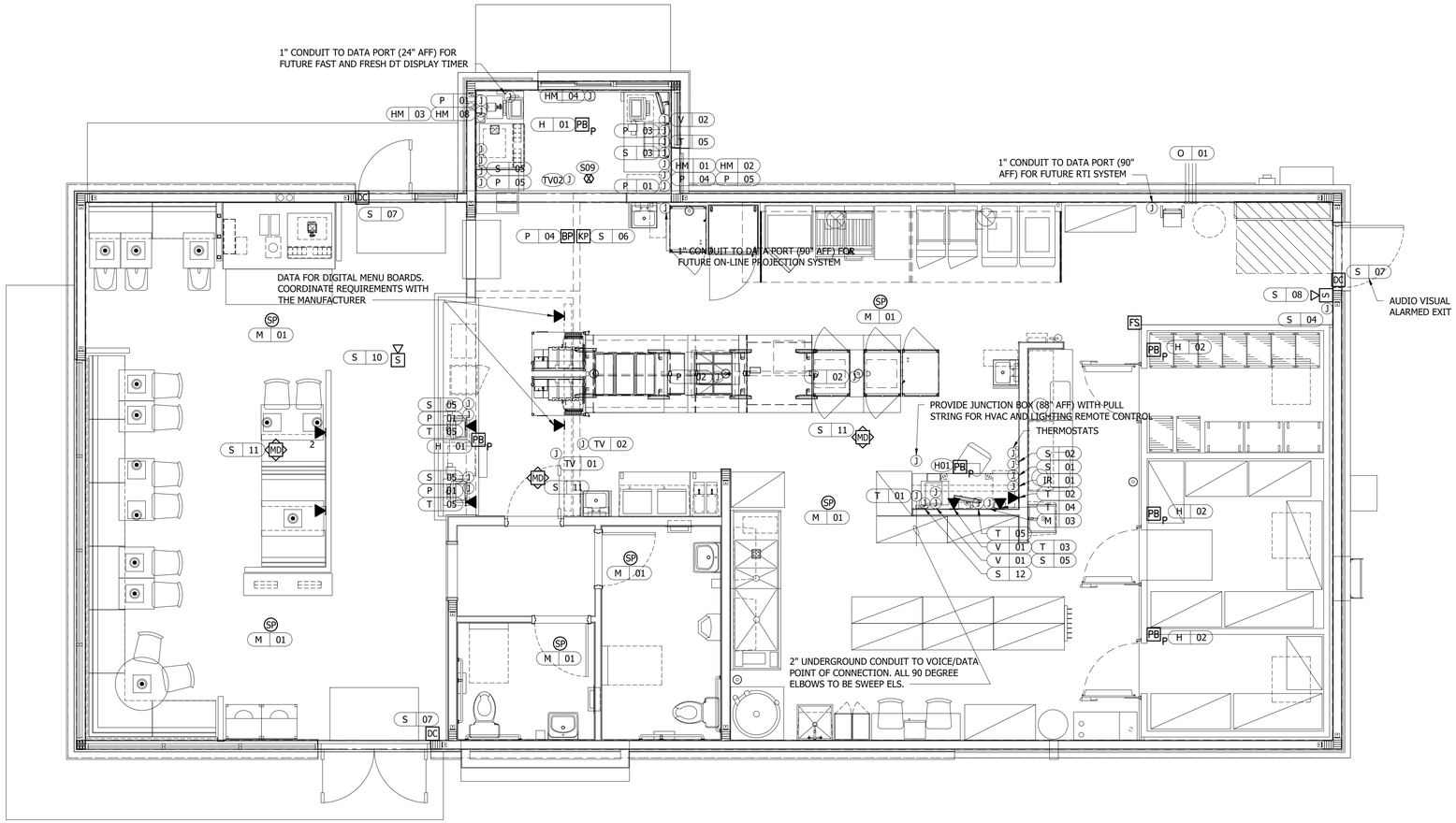
NG-30-22

LIGHTING CONTROL SCHEDULE AND DETAILS

E4.2

PLOT DATE: 30.01.2022

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

PB P HOLD-UP BUTTON SHALL BE MOUNTED WITH THE ACTIVATION BUTTON FACING TO THE SIDE (MOUNT 2-1/2" BEHIND COUNTER EDGE)

SP MUSIC SYSTEM SPEAKERS

SECURITY STROBE

J J-BOX

2" x 4" J-BOX W/ DATA PORTS

MD MOTION DETECTOR

DC DOOR CONTACT

DC DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)

S "SOUND ALERT" DEVICE

KP KEYPAD (MTD AT 48" A.F.F.)

S ALARM SIREN ABOVE CLG

BP BUMP PAD

FS HOOD FIRE SUPPRESSION SYSTEM PULL STATION

COMMUNICATIONS LEGEND D

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

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

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

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

COMMUNICATIONS NOTES E

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER HOLD-UP BUTTON		
H 02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	2x4 J-BOX FLUSH MOUNTED IN WALK-IN WALL BY COOLER MANUFACTURER WITH 1/2" CONDUIT TO OUTSIDE OF COOLER NEAR KITCHEN CEILING. SECURITY SYSTEM INSTALLER TO INSTALL HOLD-UP BUTTON FACING DOWN AND RUN WIRING
HM 01	D/T J-BOX	+96" U.O.N.	4X4X4" DEEP (MIN.) J-BOX BLW. CEILING W/ (1) 2-1/2" CONDUIT TO HM-02 & HM-07.
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.
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.
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.
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.
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.
IR 01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES. 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.
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 RECEIVER, 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.
P 01	POS J-BOX	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO ABOVE CEILING
P 02	KITCHEN MONITOR J-BOX	@ CLG.	2X4 J-BOX FLUSH @ CEILING. FOR PACK LINE / FUTURE ON-LINE PROJECTION MONITOR J-BOX
P 03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4X4" DEEP (MIN.) J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CEILING.
P 04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-05.
P 05	KITCHEN MONITOR J-BOX	+90" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-04 AND (1) 3/4" CONDUIT TO ABOVE CEILING.
P 06	NOT USED		
P 07	NOT USED		

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

COMMUNICATIONS ROUGH-IN SCHEDULE B

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CONSULTANT'S SEAL

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC

123 MAIN STREET
ANYTOWN, USA. 00000

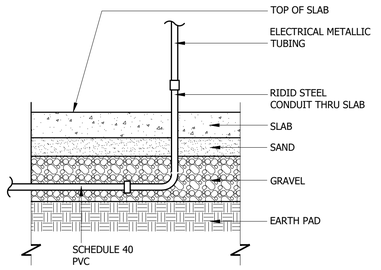
NG-30-22

COMM. PLAN SCHEDULE

E5.0

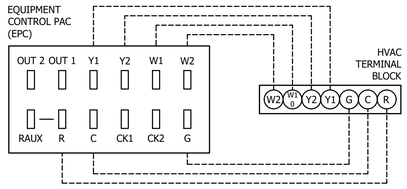
PLOT DATE: 30.01.2022

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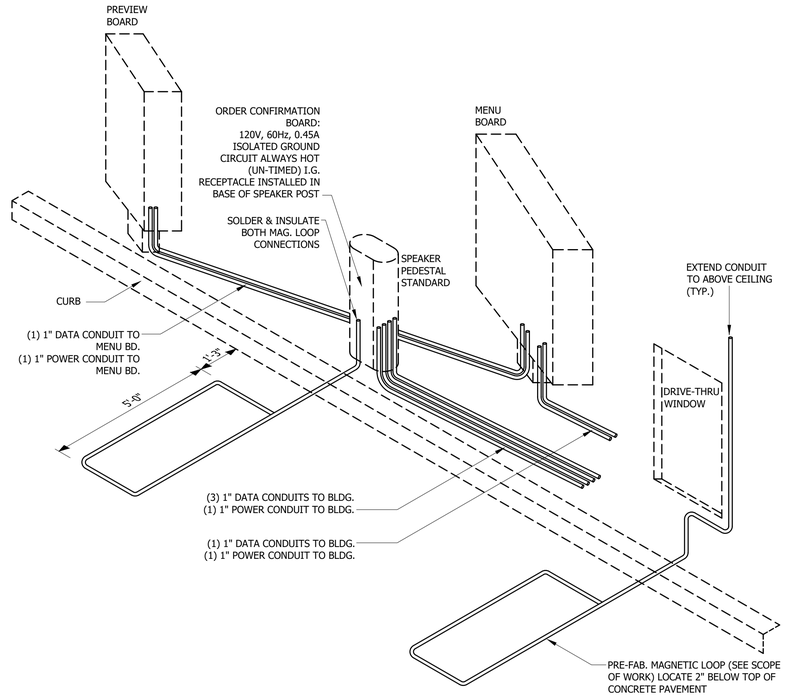
NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

UNDER SLAB CONDUIT N.T.S. 17



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

RTU INNER CONNECTION N.T.S. 18



DRIVE THRU COMMUNICATIONS ISOMETRIC N.T.S. 14

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

SEQUENCE OF OPERATION:

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

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

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

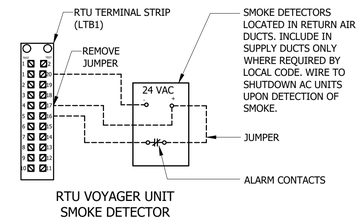
SPACE THERMOSTATS SHALL CYCLE ROOFTOP FANS AND HEATING OR COOLING TO MAINTAIN "UN-OCCUPIED" SPACE TEMPERATURES.

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

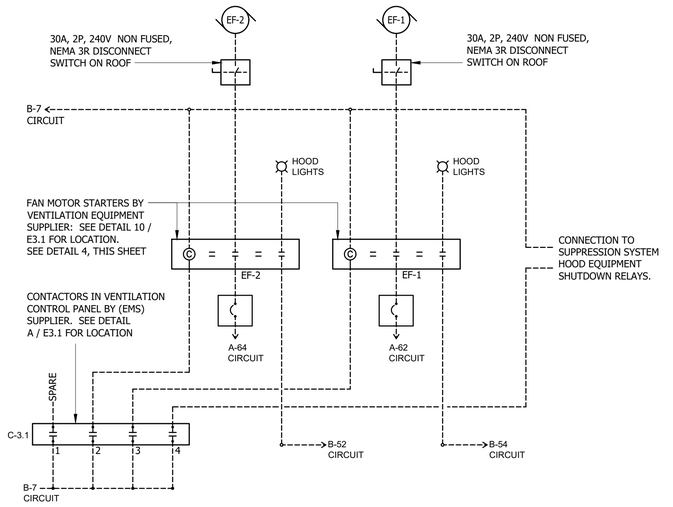
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE AN INTERRUPTION OF POWER TO CONTACTORS C-4.1 AND C-4.2 CAUSING CONTACTS IN C-4.1 AND C-4.2 TO OPEN UP AND THUS REMOVING POWER FROM ALL DEVICES LOCATED UNDER THE HOODS. EXHAUST FANS SHALL NOT BE EFFECTED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

NOTES:

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



RTU VOYAGER UNIT
SMOKE DETECTOR

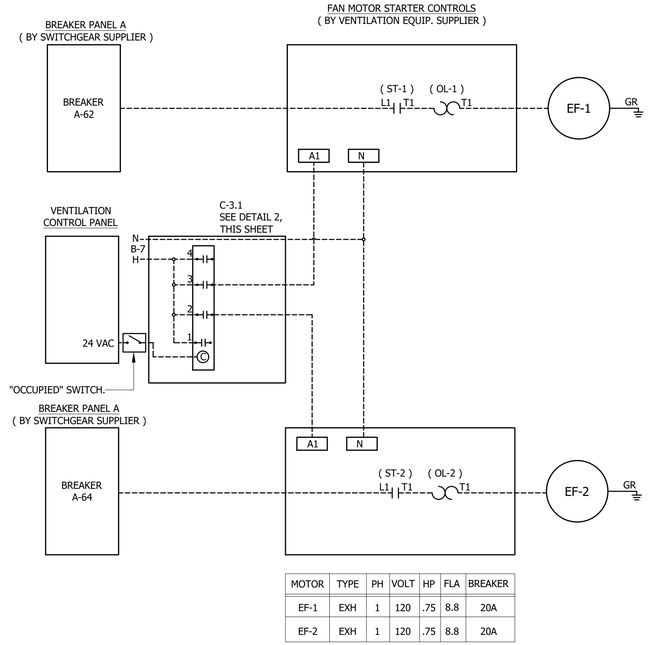


HOOD SHUT-DOWN DETAIL N.T.S. 2

THESE DOCUMENTS ARE PROVIDED AS A CONSTRUCTION DOCUMENT TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND/OR ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE-SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY KFC BRAND ARCHITECT PRIOR TO CONSTRUCTION.

CONSULTANT'S SEAL

NOT USED N.T.S. 8



MOTOR	TYPE	PH	VOLT	HP	FLA	BREAKER
EF-1	EXH	1	120	.75	8.8	20A
EF-2	EXH	1	120	.75	8.8	20A

EXHAUST FAN MOTOR STARTERS N.T.S. 4

PLAN SET REVISIONS:

1	010622 65% CHECK SET
2	011822 95% CHECK SET
3	012422 ORIGINAL ISSUE
4	013122 PUBLICATION

CONTRACT DATE:	xx.xx.xxxx
BUILDING TYPE:	NG-30
PLAN VERSION:	22.1
SITE NUMBER:	xxx - xxx
ENTITY NUMBER:	xxx - xxx
STORE NUMBER:	xxxxx

KFC
123 MAIN STREET
ANYTOWN, USA. 00000

NG-30-22

ELECTRICAL LINE DIAGRAMS DETAILS

E6.0

PLOT DATE: 30.01.2022