WALK - IN SPECIFICATIONS

C UL US LISTED NSF

FREEZER, OUTDOOR

OVERALL SIZE: 27'-10 1/2" X 8'-8 1/2" X 8'-6 1/4" (OUTDOOR)

PANELS
FOAMED IN PLACE URETHANE FOAM 4"

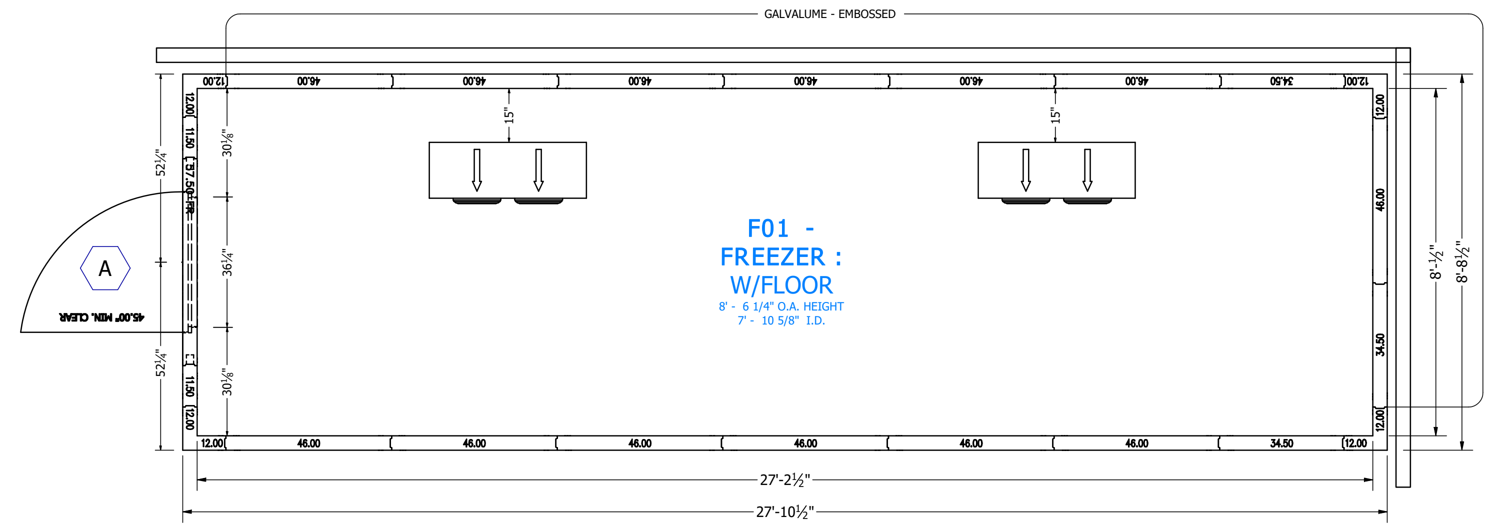
EXTERIOR FINISH
WALL: GALVALUME - EMBOSSED BEIGE 26GA. EXCEPT AS NOTED
TOP: GALVALUME - EMBOSSED 26 GA
FLOOR: GALVALUME - EMBOSSED 26 GA

INTERIOR FINISH
WALL: ALUMINUM - NATURAL EMBOSSED - .040
TOP: ALUMINUM - NATURAL EMBOSSED - .040

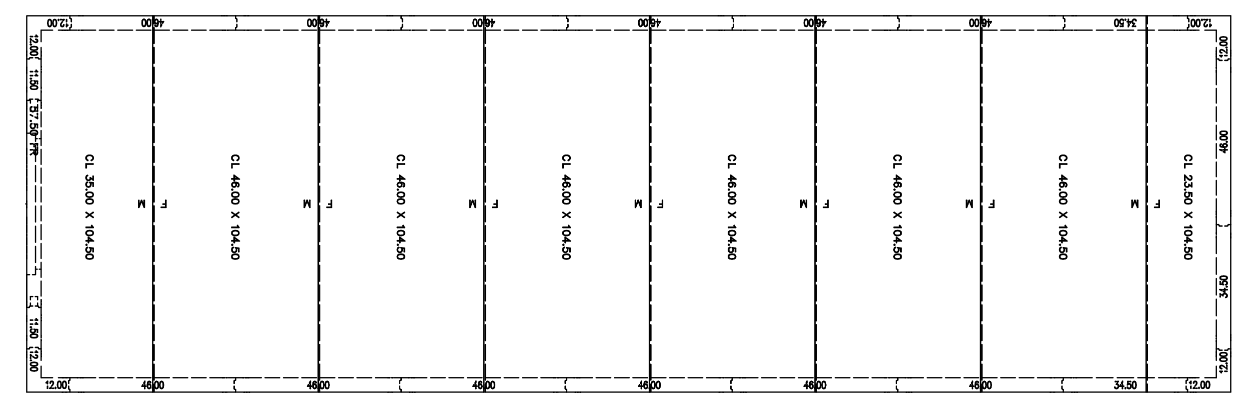
FLOOR TYPE
F01 FREEZER :
STANDARD 1000# ERA
ALUMINUM - DIAMOND TREAD .125

WALK-IN ACCESSORIES
(4) LIGHT - LED 48IN 120/230V 50/60HZ
(1) ROOF CAP - SLOPED MEMBRANE FLASHED (SLOPE 1/4" PER FOOT)
(1) LOT RACKING CLIP
(1) LOT TAPCON FASTENERS
(4) TIE DOWN ANGLE - 1/8" X 4" X 4" X 96" (W-IN CL TO BUILDING)
(50) SF WAINSCOT ALUMINUM DIAMOND TREAD .063

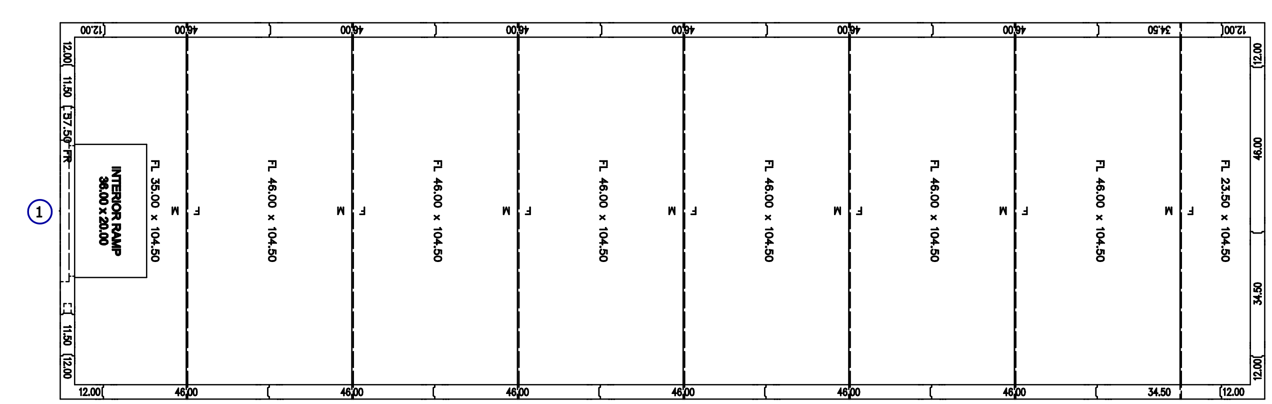
REFRIGERATION
SPECIAL :
KPC549LZOP-3EP, R404A, VOLTS: 208-230-60-3
(2) KEL26-090-2EC-PR-4 VOLTS: 208-230-60-1



WALLS LAYOUT



CEILINGS LAYOUT



FLOORS LAYOUT

⚠ATTENTION

1. **SUBMITTAL DRAWING NOT INTENDED FOR INSTALLATION.**
   AS-BUILT DRAWING FOR INSTALLATION WILL BE AVAILABLE AFTER ORDER IS PLACED. HARD COPY OF AS-BUILT DRAWING WILL BE IN HARDWARE BOX WITH WALK-IN SHIPMENT TO JOBSITE. ALL AS-BUILT DRAWINGS SHOW PART NUMBERS AND ID LABELS ON PLAN VIEWS.
2. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE
3. PANELS WITH NON-TEXTURED AND/OR NO-PROFILE PANEL FINISHES (SMOOTH FINISHES) ON THE EXTERIOR AND INTERIOR FACES MAY EXHIBIT "OIL CANNING" AND FLATNESS IMPERFECTIONS ON THE SURFACE. OUR STANDARD PANELS HAVE A STUCCO EMBOSSED TEXTURE ON BOTH FACES THAT HELPS TO REDUCE "OIL CANNING" AND ANY OTHER IRREGULARITIES IN THE EXPOSED SURFACE. PLEASE BE AWARE OF THIS POTENTIAL SITUATION IN YOUR SPECIFICATION PROCESS. SUCH "OIL CANNING" AND FLATNESS ISSUES ARE TYPICAL AND ARE NOT COVERED UNDER STANDARD WARRANTIES.
4. PENETRATIONS AND SEALING OF ARE THE RESPONSIBILITY OF OTHERS
5. ALLOW 2" MINIMUM CLEARANCE WITH AIRFLOW OF 5 CFM PER 100 SQ FT AROUND ENTIRE PANEL SURFACES. INDOOR WALK-INS REQUIRE A 75°F AMBIENT AND 55% RELATIVE HUMIDITY OR LESS AROUND THE EXTERIOR OF THE WALK-IN.
6. GENERAL CONTRACTOR TO REFER TO DESIGN AND SPECIFICATION MANUAL FOR FLOOR DETAIL INFORMATION
7. QUARRY TILE OR CONCRETE FLOOR APPLICATIONS: METAL PANEL FACING MAY BE SUSCEPTIBLE TO STAINING DUE TO EXCESSIVE MOISTURE CREATED BY THE HYDRATION OF CONCRETE TYPE MATERIALS. IT IS ABSOLUTELY NECESSARY THAT EACH ROOM BE PROPERLY VENTILATED. SPECIAL PRECAUTIONS MUST ALSO BE TAKEN WHEN USING MURIATIC ACID DUE TO EFFECTS HYDROCHLORIC FUMES HAVE ON METAL MATERIALS
8. PANEL LAYOUT MAY CHANGE BASED ON OPTIMAL MANUFACTURING STANDARDS
9. WALK-IN TOP IS NOT DESIGNED FOR FOOT TRAFFIC OR STORAGE UNLESS NOTED OTHERWISE
10. IF CONDENSING UNIT IS LOCATED IN THE INTERIOR OF BUILDING A MINIMUM OF 24" OF CLEARANCE IS REQUIRED AROUND TOP AND SIDES
11. FLOOR, CURB, AND PIT DETAILS ARE FOR GENERAL REFERENCE ONLY. THESE DRAWINGS SHOULD NOT BE USED OR INCORPORATED IN THE DESIGN OR PREPARATION OF THE INSULATED FLOOR, SUB-SLAB OR CURBS, WITHOUT HAVING THE DESIGN REVIEWED BY A QUALIFIED ENGINEER. ALL FOOTINGS, FOUNDATION WALLS AND CONCRETE WEAR SLABS ARE THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT.
12. THE FOAM PLASTIC USED IN THIS PRODUCT COMPLIES TO THE IBC SECTION 2603 AS FOLLOWS: FLAME SPREAD RATING: 20; SMOKE DEVELOPED RATING: 250 - 400; FLASH IGNITION TEMPERATURE RATING: 915°f; SPONTANEOUS IGNITION TEMPERATURE RATING: 950°f.
13. KOLPAK COMPLIES WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC) SECTION C403.11, US DEPARTMENT OF ENERGY, AND NRCAN. R-VALUES ARE ASTM C518 TESTED. COOLER R-VALUES ARE R-29 FOR 4" THICK, R-36 FOR 5" THICK, AND R-44 FOR 6" THICK PANELS. FREEZER R-VALUES ARE R-32 FOR 4" THICK, R-40 FOR 5" THICK, R-48 FOR 6" THICK PANELS, AND R-29 FOR 4" FLOORS.
14. FLOORS NOT DESIGNED FOR WET MOPPING, PALLET JACKS, OR FORKLIFT TRAFFIC.
15. KOLPAK AND HARFORD WALK-INS ARE COMPLIANT WITH UL STANDARDS. THE PANELS ARE UL723, UL FILE LISTING R8160. THE DOORS ARE UL471, UL FILE LISTING E46140. STANDARD EVAPORATOR COILS ARE UL412. CONDENSING UNITS ARE UL1995.

FOR APPROVAL

YOU MUST REVIEW ALL NOTES, DETAILS, DIMENSIONS, FINISHES, DOORS SIZES, LOCATIONS AND SWINGS

☐ **APPROVAL**- NO CHANGE REQUIRED, MANUFACTURE AS DRAWN.

☐ **APPROVED AS NOTED**- MAKE REQUIRED CHANGES AND MANUFACTURE AS DRAWN.

☐ **NOT APPROVED**- DESIGN CHANGES REQUIRE DRAWING REVISION AND RESUBMISSION.

DATE:__________ BY:__________________

KOLPAK INSTALLATION MANUAL

DRAWING #: A271403R2
UNIT #: 001
ORDER #:

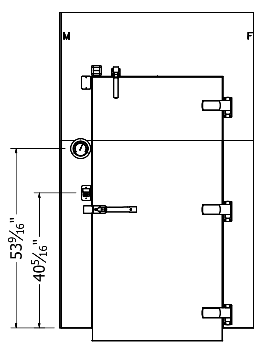
KOLPAK®
2915 Tennessee Avenue North, Parsons, TN 38363
(731) 847-6361 (800) 826-7036

DUTCH FORK HIGH SCHOOL
IRMO,SC 29063 USA

CULINARY DEPOT INC
COLUMBIA SC

DRAWN BY:	DATE:	CHECK BY:	DATE:	QUOTE REVISION	DATE:
KAD	06/05/2025				

SHEET #
AD-1 of 2



36.00" X 78.00"
57.50" X 94.25"

DW-1

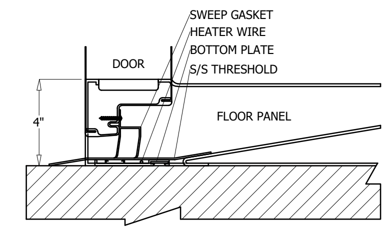
FRAME:
RECESSED 0" WITH 0" LEVELING SAND AND 0" TILE AND GROUT
EXT: GALVALUME - EMBOSSED BEIGE 26GA.
EXT: KICKPLATE, ALUM .063 DIAMOND TREAD 60" HIGH
INT: ALUMINUM - NATURAL EMBOSSED - .040
INT: KICKPLATE, ALUM .063 DIAMOND TREAD 60" HIGH

PLUG:
EXT: GALVALUME - EMBOSSED BEIGE 26GA.
EXT: KICKPLATE, ALUM .063 DIAMOND TREAD 60" HIGH
INT: ALUMINUM - NATURAL EMBOSSED - .040
INT: KICKPLATE, ALUM .063 DIAMOND TREAD 60" HIGH

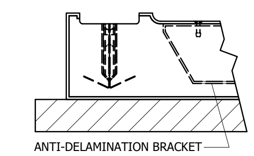
HARDWARE AND ACCESSORIES:
(1) 115/60/1 ELECTRICAL
(1) ALARM - ALARMPAK 110V 50/60HZ F/C XWA11V WEISS, WET CONTACTS, WEATHERPROOF
(1) DOOR CLOSER - KASON 1094 (STD)
(1) HANDLE - KASON 27C BRUSHED CHROME
(1) HEATER WIRE, 5 WATT / FT
(3) HINGE - KASON 1346 BRUSHED CHROME ADJUSTABLE / SPRING ASSISTED (STD)
(1) LIGHT CENTERED OVER DOOR OPENING
(1) LIGHT FIXTURE - KASON 1803 LED W/BULB, GLOBE AND NIGHTLIGHT 120V 50/60HZ (STD)
(1) OVERSIZED STEEL REINFORCED DOOR JAMB
(1) RAINHOOD
(1) RAMP INTERIOR 36X20
(1) STRIP CURTAIN - 30-36 X 78
(1) THERMOMETER - 4-1/2 INCH DIAL
(1) THRESHOLD, STAINLESS STEEL 10 GA
(1) VENT - PRESSURE RELIEF, HEATED 120V 50/60HZ 4/5/6" THICK (STD)

A

DOOR ELECTRICAL INFORMATION				
DESCRIPTION	QTY	VOLT	AMP	AMP LOAD
HEATED AIR VENT	1	115	0.04	0.04
HEATER WIRE	1	115	0.8	0.8
LED LIGHT	1	115	0.1	0.1
WEISS ALARM / MODULARM 75LC	1	115	0.04	0.04
115 VOLT, SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS:				0.98

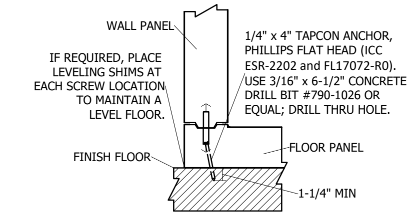


1 DETAIL - 4IN FLOOR-RAMP
Scale: NTS



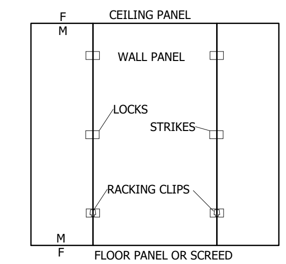
2 DETAIL - FOOT-LIGHT ROLLING CART FLOOR CONSTRUCTION
Scale: NTS

CONCRETE SLAB ASSUMED TO BE 4" MINIMUM THICKNESS AND 2500PSI MINIMUM COMPRESSIVE STRENGTH

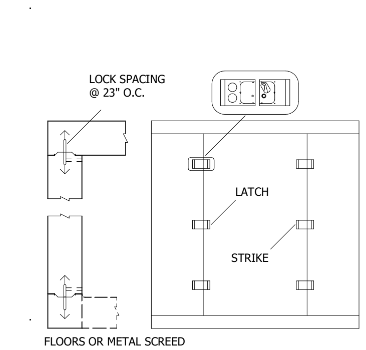


FASTENER AT 11.5" ON CENTER

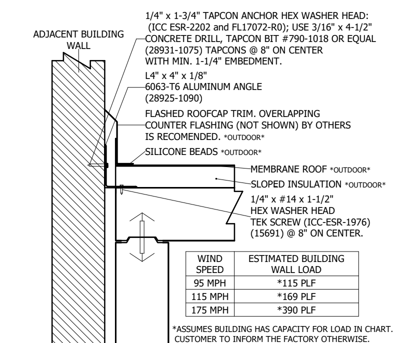
3 DETAIL - TAPCON ANCHOR WITH FLOOR
Scale: NTS



4 DETAIL - RACKING CLIP
Scale: NTS



5 DETAIL - PANEL CONNECTION AT FLOORS OR METAL SCREEDS
Scale: NTS

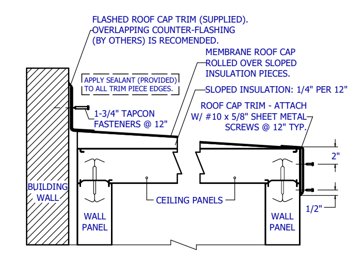


WIND SPEED	ESTIMATED BUILDING WALL LOAD
95 MPH	*115 PLF
115 MPH	*169 PLF
175 MPH	*390 PLF

*ASSUMES BUILDING HAS CAPACITY FOR LOAD IN CHART. CUSTOMER TO INFORM THE FACTORY OTHERWISE. CHART VALUES ARE A HIGH ESTIMATION. A PE CAN DETERMINE THE ACTUAL LOAD IF NEEDED.

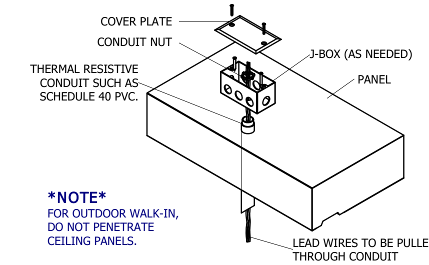
NOTE: ITEMS MARKED *OUTDOOR* ARE NOT INCLUDED IF WALK-IN IS LOCATED INDOORS.

6 DETAIL - TIE DOWN ANGLE-WALK IN CLTO BUILDING
Scale: NTS



7 DETAIL - SLOPE MEM ROOF CAP FLASHED
Scale: NTS

AT EVERY ENTRANCE CONDUIT, FORCE SEALANT AROUND THE EXTERIOR OF THE ELECTRICAL CONDUIT AND INSIDE THE CONDUIT AROUND THE WIRES. FAILURE TO ELIMINATE AIRFLOW IN THE CONDUIT WILL ALLOW MOISTURE TO DAMAGE ELECTRICAL COMPONENTS ESPECIALLY LIGHTS WHICH **WILL NOT BE COVERED UNDER WARRANTY.**



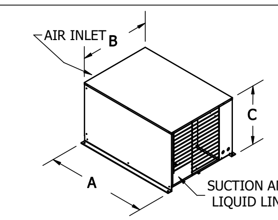
NOTE
FOR OUTDOOR WALK-IN, DO NOT PENETRATE CEILING PANELS.

8 DETAIL - ELECTRICAL CONDUIT PENETRATION
Scale: NTS

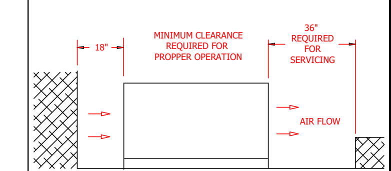
COMPARTMENT		CONDENSING UNIT																				
	TEMP F					DIMENSIONS				COMPRESSOR						CONDENSER FAN MTR					CONNECTIONS O.D.		RCV CAP
DESCRIPTION	WI	QTY	MODEL#	REFRIGERANT	COMPRESSOR TYPE	L (A)	W (B)	H (C)	LBS	HP	RLA	LRA	V	HZ	Φ	FLA	V	Φ	TOTAL AMPS	MX AMP DISC	SUCT	LIQ	@ 90% FULL (lbs)
FREEZER	-10	1	KPC549LZOP-3EP	R404A	SCROLL	33	50.125	29.29	420	5 1/2	18.9	123	208-230	60	3	3.6	208-230	1	22.8	45	1 1/8	1/2	19.7

COMPARTMENT		UNIT COOLER														
	TEMP F				DIMENSIONS				FAN		HEATER			CONNECTIONS O.D.		
DESCRIPTION	WI	QTY	MODEL # (DEFROST: A-AIR E-ELECTRIC)	REFRIGERANT	L (D)	W (E)	H (F)	LBS	TOTAL AMPS	V	TOTAL AMPS	V	Φ	SUCT	LIQ	DRAIN
FREEZER	-10	2	KEL26-090-2EC-PR-4	R404A	43.625	15.5	16.75	58	1	208-230	9.8	208-230	1	7/8	3/8	3/4

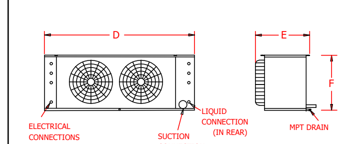
CONDENSING UNIT ASSEMBLY



CLEARANCE REQUIREMENT



EVAPORATOR - MODEL AM, EM, EL, AMB, ELB



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KOLPAK®
2915 Tennessee Avenue North, Parsons, TN 38363
(731) 847-6361 (800) 826-7036

DUTCH FORK HIGH SCHOOL
IRMO,SC 29063 USA

CULINARY DEPOT INC
COLUMBIA SC

DATE:
QUOTE REVISION
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DRAWN BY: KAD

SHEET #
AD-2 of 2