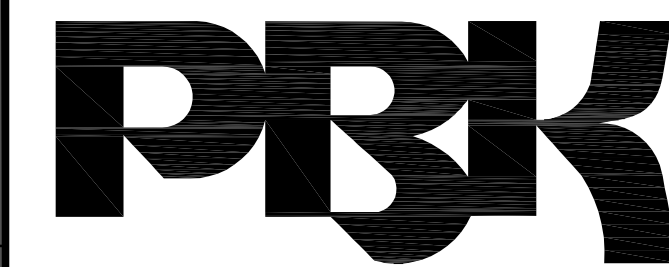


WALK-IN FREEZER & REFRIGERATOR REPLACEMENT CVUSD WAREHOUSE

12810 7th STREET, CHINO, CA 91710
CHINO VALLEY UNIFIED SCHOOL DISTRICT



RANCHO CUCAMONGA
8163 ROCHESTER AVENUE, SUITE 100
RANCHO CUCAMONGA, CA 91730
909-987-0909 P

GENERAL NOTES

- THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATION AND TRENCHING ON THIS SITE TO AVOID INTERCEPTING EXISTING PIPING AND CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PROSECUTION OF THIS WORK.
- THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, ARE THE PROPERTY OF WLC ARCHITECTS, INC., AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF PBK, INC.
- THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM INFORMATION FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, PBK, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS PBK, INC. RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.
- FIRE SAFETY DURING CONSTRUCTION
 - GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CALIFORNIA FIRE CODE (CFC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9, CHAPTER 33.
 - ACCESS ROADS: FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 33, SECTION 1410.
 - WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL IN ACCORDANCE WITH CHAPTER 33, SECTION 1412.
 - BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIRE FIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES.
 - ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 33.
 - DEMOLITION OF BUILDINGS: SHALL COMPLY APPLICABLE PROVISIONS OF CHAPTER 33.
 - FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL.
- CONTRACTOR TO CONNECT ELECTRICAL POWER AND LOW VOLTAGE SYSTEMS FROM EXISTING ADEQUATE SOURCE TO NEW BUILDINGS AS PART OF THIS CONTRACT.
- PATCH AND REPAIR ALL AREAS DAMAGED BY NEW TRENCHING TO ORIGINAL CONDITION WITH THE SAME MATERIALS AND TYPE OF FINISH.
- FULLY COOPERATE AND CONSULT WITH ALL SEPARATE CONTRACTORS FURNISHING LABOR, MATERIALS OR SERVICES ON SITE SO THAT THE WORK CAN BE EXECUTED IN AN EFFICIENT MANNER WITH OUT CONFLICT OR DELAY.

PROJECT TEAM

OWNER

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ELECTRICAL ENGINEER

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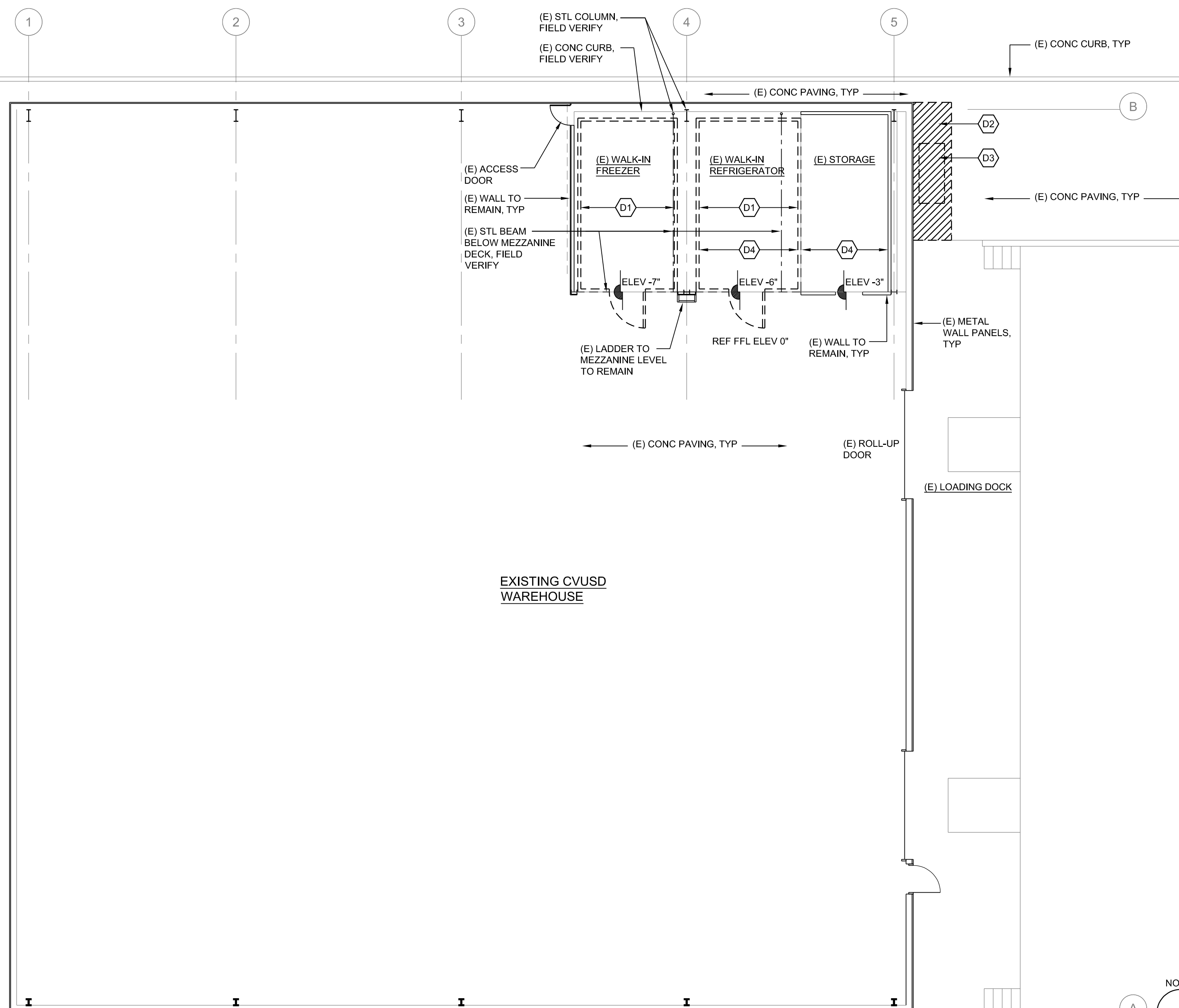
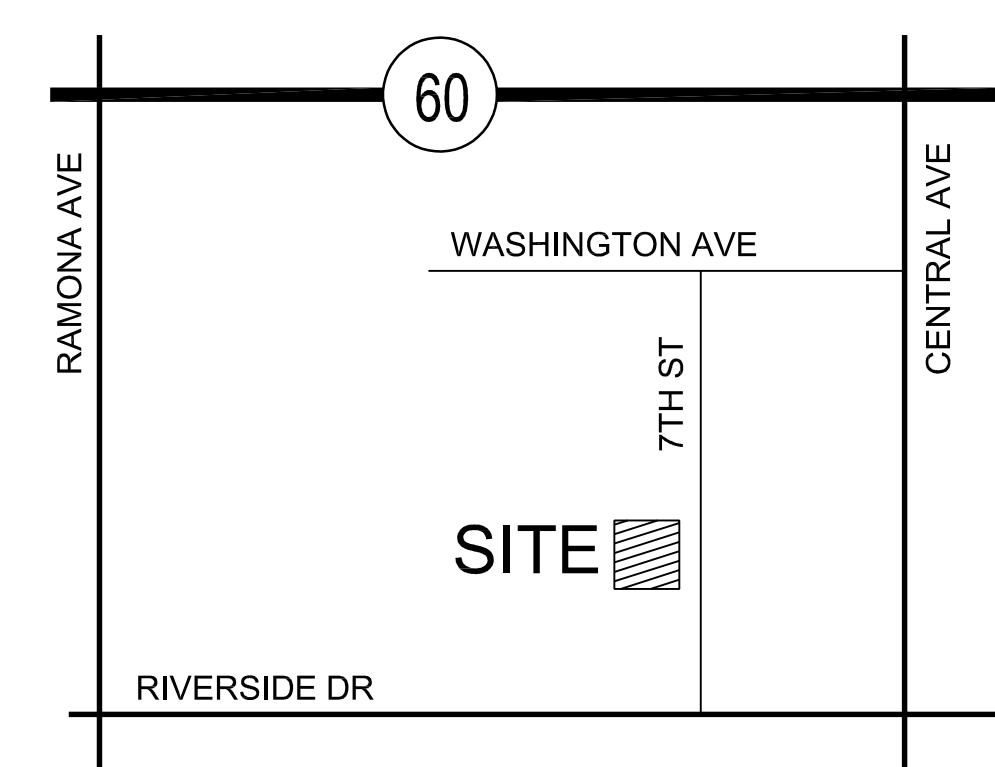
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ANAHEIM, CA 92805
PHONE: (714) 508-1880

SHEET INDEX

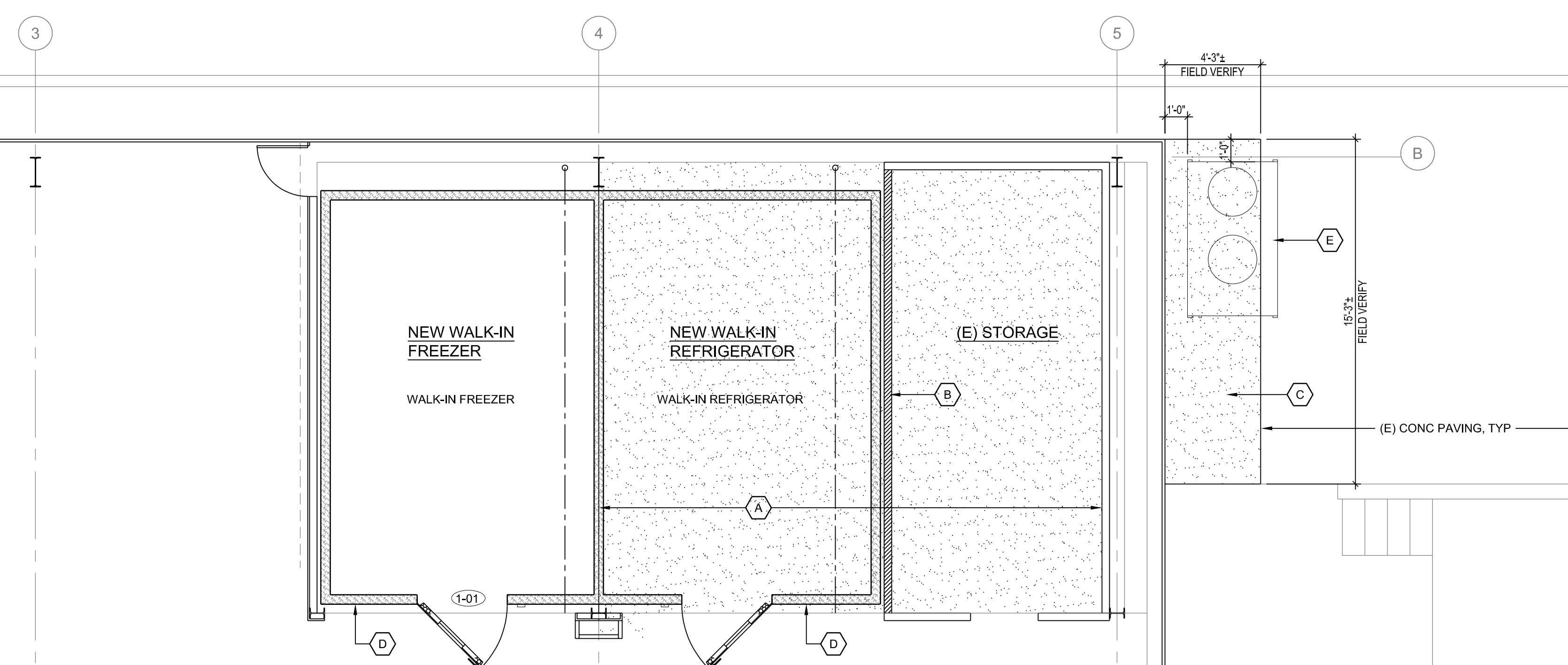
DWG NO	DESCRIPTION
A0.1	GENERAL NOTES, FLOOR PLANS - DEMOLITION & NEW
FS-100	SYMBOLS, NOTES & INDEX
FS-101	EQUIPMENT, PLUMBING, ELECTRICAL, REFRIGERATION, BUILDING WORKS PLANS & SCHEDULE
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E0.0	ELECTRICAL SYMBOLS & ABBREVIATIONS
E0.1	ELECTRICAL FLOOR PLANS

VICINITY MAP



FLOOR PLAN - DEMOLITION

1/8" = 1'-0" 1



FLOOR PLAN - NEW

1/4" = 1'-0" 2

- (D1) REMOVE EXISTING FREEZER AND REFRIGERATOR ASSEMBLY INCLUDING ALL ASSOCIATED PIPING IN THEIR ENTIRETY.
EXISTING BUILDING CONCRETE SLAB TO REMAIN, TYPICAL.
- (D2) REMOVE EXISTING CONCRETE PAD & METAL POSTS, TYPICAL.
- (D3) REMOVE EXISTING EQUIPMENT & ASSOCIATED SUPPORTS & PIPING IN THEIR ENTIRETY.
- (D4) REMOVE EXISTING FLOOR FINISH & ROUGHEN THE EXISTING CONCRETE SLAB.

- (A) NEW CONCRETE SLAB WITH #3 REBARS AT 24" OC EACH WAY ON TOP OF EXISTING CONCRETE SLAB. NEW CONCRETE SLAB TO BE LEVEL WITH THE WAREHOUSE FINISHED FLOOR ELEVATION.
- (B) NEW 2X4 WOOD STUD FRAMING TO UNDERSIDE OF MEZZANINE DECK WITH 5/8" THICK GYP BD ONE SIDE, PAINTED TYPICAL.
- (C) NEW 4" THICK CONCRETE SLAB TO MATCH WITH #3 REBARS AT 24" OC EACH WAY.
- (D) NEW INSULATED WALL PANELS & DOORS TYP, REF TO FOOD SERVICE PLANS.
FIELD VERIFY ALL CLEARANCES FOR THE NEW WALK-IN FREEZER AND REFRIGERATOR UNITS.
FIELD VERIFY EXISTING FLOOR SINK LOCATION FOR THE USE OF THE NEW WALK-IN FREEZER AND REFRIGERATOR UNITS.
- (E) NEW REMOTE REFRIGERATION RACK, REF TO FOOD SERVICE PLANS.
UTILIZE EXISTING PATHWAY FOR MECHANICAL, PLUMBING AND ELECTRICAL SERVICE TO THE WALK-IN FREEZER AND REFRIGERATOR UNITS.
UTILIZE EXISTING PATHWAY FOR ELECTRICAL POWER TO REFRIGERATION RACK.

WALK-IN FREEZER & REFRIGERATOR REPLACEMENT
CVUSD WAREHOUSE
 12810 7th STREET, CA 91710
 CHINO VALLEY UNIFIED SCHOOL DISTRICT

NO	DATE	BY	DESCRIPTION
REVISIONS			

DRAWN: PVT	CHECKED: PVT
DATE:	SCALE: AS NOTED
PROJECT NUMBER: 1611701	

GENERAL NOTES
FLOOR PLAN
DEMOLITION & NEW

DRAWING NUMBER: **A0.1**

GENERAL NOTES	
1	THESE PLANS ARE A GENERAL ARRANGEMENT OF EQUIPMENT FOR THE CONVENIENCE OF CONTRACTORS AND IS MADE FROM AVAILABLE INFORMATION. WEBB FOODSERVICE DESIGN ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE MEASUREMENTS. FABRICATORS, CONTRACTORS, AND OTHERS UTILIZING THESE PLANS IN CONNECTION WITH THIS JOB ARE RESPONSIBLE FOR SECURING THEIR OWN MEASUREMENTS FOR PREPARATION OF SUBMITTALS AND CONSTRUCTION. PLUMBING AND ELECTRICAL INFORMATION INDICATED ON THESE PLANS ARE GENERALLY FOR FOOD SERVICE EQUIPMENT AND ARE INTENDED AS REFERENCE ONLY. WEBB FOODSERVICE DESIGN IS NOT RESPONSIBLE FOR THE ENGINEERING THEREOF OR FOR ANY PLUMBING OR ELECTRICAL FITTINGS, WORK, AND/OR CONNECTIONS UNLESS SPECIFICALLY PROVIDED FOR IN THE SPECIFICATIONS. WEBB FOODSERVICE DESIGN ASSUMES NO RESPONSIBILITY FOR THE WORK DONE BY THE CONTRACTORS NOR FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS, OR BY THE SUBSTITUTION OR CHANGES MADE NECESSARY IN EQUIPMENT SHOWN ON THIS PLAN. THE PLANS AND DESIGNS CONTAINED HEREIN ARE THE PROPERTY OF WEBB FOODSERVICE DESIGN AND MAY NOT BE REPRODUCED OR USED BY ANYONE, EITHER ALL OR IN PART, WITHOUT FIRST SECURING THE WRITTEN PERMISSION OF WEBB FOODSERVICE DESIGN.
2	CONTRACTORS ARE TO MAKE ALLOWANCE FOR ELBOWS, TRAPS, ETC. AND ARE TO MAKE FINAL CONNECTIONS ON THE JOB, SUPPLYING ALL NECESSARY VALVES, TRAPS, STEAM TRAPS, FAUCETS, STARTING SWITCHES FOR MOTORS, ETC. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE IN THE WRITTEN SPECIFICATIONS.
3	ANY DISCREPANCIES BETWEEN PLANS, BUILDING, AND LOCAL CODE REQUIREMENTS THAT MAY AFFECT THE INSTALLATION, FABRICATION, OR OVERALL WORK IN ANY WAY SHALL BE BROUGHT TO THE ATTENTION OF THE FOOD SERVICE EQUIPMENT CONTRACTOR IMMEDIATELY.
4	IT SHALL BE THE RESPONSIBILITY OF THE OWNER, ARCHITECT, ENGINEERS, AND/OR GENERAL CONTRACTOR TO INSURE THAT THE FOOD SERVICE EQUIPMENT CONTRACTOR RECEIVES COPIES OF ALL ADDENDUMS AND CHANGES TO THE BUILDING PLANS, PRIOR TO, OR DURING CONSTRUCTION WHEREAS, ADDENDUMS AND/OR CHANGES AFFECT ANY AREAS PERTINENT TO THE FOOD AND BEVERAGE PORTION OF THE PROJECT.
5	IF THERE ARE ANY AMBIGUITIES, DISCREPANCIES, OR IRREGULARITIES, VERIFY WITH ARCHITECTURAL TEAM PRIOR TO COMMENCING WORK.
6	ALL WORK IS TO BE COMPLETED IN CRAFTSMAN LIKE MANNER AND CONFORM TO ALL APPLICABLE BUILDING AND SAFETY CODES.
7	REFER TO ARCHITECTURAL PLANS FOR ADA CLEARANCE REQUIREMENTS FOR ALL SPACES, DOOR STRIKES, EXITS, AND AISLE WAYS AS THEY PERTAIN TO CODE ENFORCEMENT AND INTERPRETATION.
8	CONTRACTORS SHALL SUBMIT ALL SHOP DRAWINGS, FINISHES, STAINS, AND COLORS TO THE ARCHITECTURAL TEAM FOR APPROVAL PRIOR TO FABRICATION.
9	SEE ENGINEERING DOCUMENTS FOR TITLE 24 ENGINEERING CALCULATIONS FOR BUILDING PERMIT REQUIREMENTS.
10	CONTRACTOR TO VERIFY ALL EQUIPMENT CLEARANCES THRU BUILDING DOORS, HALLWAYS, OR ENTRY POINTS. NOT ALL EQUIPMENT WILL FIT THRU STANDARD DOOR OPENINGS.
11	ALL DRAWINGS BY WEBB FOODSERVICE DESIGN ARE FOOD SERVICE EQUIPMENT CONTRACT DOCUMENTS ONLY TO BE USED BY CONSULTANTS/ARCHITECTS AND FOR BIDDING, NOT FOR CONSTRUCTION.
12	VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO PROCEEDING WITH WORK.
13	PARTITIONS ARE DIMENSIONED FROM FINISHED SURFACE, UNLESS OTHERWISE NOTED.
14	ALL HORIZONTAL DIMENSIONS ARE FROM FINISHED FACE OF WALL TO FINISHED FACE OF WALL OR CENTERLINE OF COLUMN.
15	ALL VERTICAL DIMENSIONS ARE FROM FINISHED FLOOR TO WALL OR WALL OPENING.
16	PROVIDE SMOOTH AND LEVEL FLOORS BELOW ALL KITCHEN EQUIPMENT UNLESS THESE DRAWINGS SHOW OTHERWISE.
17	GENERAL CONTRACTOR TO PROVIDE AND INSTALL BLOCKING IN WALLS FOR MOUNTING WALL SHELVES, POT RACKS, DISPLAY CASES, HOSE REELS, ETC., AS SHOWN ON PLANS.
18	WHERE REQUIRED, SPRINKLER HEADS IN WALK-IN FREEZER WILL BE PROVIDED BY AND PROTECTED AGAINST FREEZING BY GENERAL CONTRACTOR.
19	LEVEL PLATFORMS CONSTRUCTED PER CODE AND LOCATED ON ROOF ARE REQUIRED FOR COMPRESSOR RACKS. REFER TO ARCHITECTURAL AND MECHANICAL PLANS FOR LOCATIONS AND DETAILS. GENERAL CONTRACTOR TO PROVIDE ACCESS FOR DELIVERY AND INSTALLATION OF EACH COMPRESSOR RACK.
20	SEE STRUCTURAL ENGINEER AND/OR ARCHITECTURAL PLANS FOR STRUCTURAL SUPPORT REQUIREMENTS OF ROOF SUPPORTING ALL FOOD SERVICE EQUIPMENT SUCH AS COMPRESSOR RACKS, EXHAUST AND MAKE-UP AIR SYSTEMS, AIR CONDITIONING, ETC., PRIOR TO BEGINNING CONSTRUCTION.
21	ROOF JACKS AND PENETRATIONS THROUGH ROOF ARE REQUIRED FOR REFRIGERATION LINES. SEE ARCHITECTURAL PLANS FOR DETAILS. (VERIFY LOCATION WITH REFRIGERATION CONTRACTOR)
22	ARCHITECT AND/OR MECHANICAL ENGINEER TO PROVIDE ADEQUATE VENTILATION AND COOLING FOR SPACES CONTAINING SELF-CONTAINED REFRIGERATION AND OTHER FOOD SERVICE EQUIPMENT EMITTING HEAT.
23	INTENDED ENVIRONMENT FOR REFRIGERATED GLASS FRONT & OPEN FRONT DISPLAY CASE, INCLUDING GLASS DOORS ON WALK-IN REFRIGERATORS AND FREEZERS IS 75°F/35% RELATIVE HUMIDITY. VERIFY WITH MECHANICAL DRAWINGS.
24	FOOD SERVICE FACILITIES REQUIRE A DESIGNATED HOT WATER SUPPLY FOR FOODHANDLING AREAS, WAREWASHING AREAS, JANITOR SINKS AND EMPLOYEE RESTROOMS. REFER TO MECHANICAL AND/OR PLUMBING DRAWINGS.
25	HOT WATER SUPPLY TO POT AND PREPARATION SINKS SHALL BE 120 DEGREES MINIMUM. HOT WATER SUPPLY TO ALL DISH MACHINES SHALL BE 120 DEGREES MINIMUM.
26	ALL MATERIALS FOR FLOORS, WALLS, AND CEILINGS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
27	GENERAL CONTRACTOR SHALL ENSURE THAT ALL HARDWOOD PLYWOOD (HWPW), PARTICLE BOARD (PB), AND MEDIUM DENSITY FIBERBOARD (MDF) USED TO MAKE FINISHED GOODS, SUCH AS FURNITURE, CABINETS, COUNTERTOPS, SHELVING, FLOORING, MOLDING, ETC. SHALL COMPLY WITH THE CALIFORNIA AIR RESOURCES BOARD (CARB) AIRBORNE TOXIC CONTROL MEASURE (ATCM) TO REDUCE FORMALDEHYDE EMISSIONS IN COMPOSITE WOOD PRODUCTS. THE ATCM APPLIES TO PANEL MANUFACTURERS, THIRD PARTY CERTIFIERS, DISTRIBUTORS, IMPORTERS, FABRICATORS, AND RETAILERS OF HWPW, PB, MDF, AND FINISHED GOODS CONTAINING THESE PRODUCTS (INCLUDING LAMINATED PRODUCTS), SOLD OR DELIVERED TO CALIFORNIA, AND APPLIES TO DOMESTIC AND IMPORTED PRODUCTS.
28	COUNTERS ARE TO BE FABRICATED PROPERLY TO SUPPORT THE SPECIFIED COUNTER TOP MATERIAL IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES.
29	ALL "DROP-IN" EQUIPMENT AND OTHER EQUIPMENT "ATTACHED TO", "SET ON", OR "BUILT-IN" TO THE COUNTERTOP MATERIAL IS TO BE INSTALLED IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES AND TECHNICAL BULLETINS FOR THE INSTALLATION OF COMMERCIAL FOOD SERVICE EQUIPMENT.

ENVIRONMENTAL NOTES	
1	ALL FOOD-RELATED AND UTENSIL RELATED EQUIPMENT SHALL BEAR THE ANSINFS EMBLEM AND/OR BE MANUFACTURED OR FABRICATED IN ACCORDANCE WITH APPROPRIATE ANSINFS STANDARD. SPECIFICALLY STANDARD 2 AND FOR ALL REFRIGERATED EQUIPMENT STANDARD 7.
2	FLOORS IN FOOD PREPARATION, FOOD STORAGE, WAREWASHING, JANITORIAL, HANDWASHING AND TOILET AREAS SHALL BE SMOOTH AND IMPERVIOUS TO WATER, GREASE, AND ACID AND OF EASILY CLEANABLE CONSTRUCTION WITH 6" CONTINUOUS SELF-COVED BASE WITH 3/8" RADIUS. WHERE EQUIPMENT IS INSTALLED ON A CURB, SELF-COVED BASE IS TO EXTEND 4".
3	AT EXTERIOR TRASH HOLDING AREAS, A CONCRETE SLAB MUST BE PROVIDED FOR TRASH, GARBAGE AND GREASE CONTAINERS. IF WALLS ENCLOSE THE AREA, THE INTERIOR WALL SURFACES ARE TO BE SMOOTH, SEALED AND WASHABLE (E.G. PLASTERED SMOOTH AND PAINTED, ETC.)
4	ALL FLOOR MOUNTED EQUIPMENT WILL BE INSTALLED ON MINIMUM 6" SANITARY LEGS, CASTERS OR COMPLETELY SEALED IN POSITION ON A 4" HIGH CURB WITH CONTINUOUSLY COVED BASE. COUNTER TOP EQUIPMENT SHALL BE MOUNTED ON 4" SANITARY LEGS OR SEALED TO THE COUNTER UNLESS READILY MOVEABLE.
5	ALL REFRIGERATION EQUIPMENT SHALL HAVE A THERMOMETER WHICH IS EASILY READABLE AND IN PROPER WORKING CONDITION.
6	WALLS IN FOOD PREPARATION AREAS AND DISHWASHING AREAS SHALL BE SMOOTH AND NON-ABSORBENT WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS ENAMEL.
7	CEILINGS IN KITCHEN PREPARATION AREAS SHALL BE SMOOTH AND NON-ABSORBENT WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS FINISH.
8	LAVATORY (HANDWASHING) SINKS SHALL BE PROVIDED IN THE FOOD PREPARATION, FOOD SERVING AND WAREWASHING AREAS. SOAP AND SANITARY TOWELS SHALL BE PROVIDED IN SINGLE SERVICE, PERMANENTLY INSTALLED DISPENSERS AT THE LAVATORY SINKS. ALL HANDWASHING SINKS SHALL HAVE A COMBINATION FAUCET OR PREMIXING FAUCET. PRE-MIXING FAUCETS MUST BE CAPABLE OF SUPPLYING WATER TEMPERED TO 100 F TO 108 F AND BE SELF CLOSING OR METERED TO PROVIDE TO PROVIDE AT LEAST 15 SECOND OF WATER WITHOUT REACTIVATION.
9	TOILET FACILITIES SHALL BE PROVIDED WITHIN EACH FOOD ESTABLISHMENT CONVENIENT FOR THE EMPLOYEES.
10	ALL TOILET ROOMS, JANITOR CLOSETS WITH JANITOR SINKS, INDOOR TRASH ROOMS AND DRESSING/CHANGE ROOMS SHALL BE PROVIDED WITH MECHANICAL VENTILATION, LIGHTS AND SWITCHES CONSISTENT WITH MECHANICAL CODE REQUIREMENTS.
11	ALL DELIVERY DOORS LEADING TO THE OUTSIDE SHALL OPEN OUTWARD, BE SELF-CLOSING, AND SHALL BE PROVIDED WITH AN OVERHEAD AIR CURTAIN. AIR CURTAIN SHALL BE TYPE NH2 NSF CERTIFIED RECEIVING DOOR MODELS.
12	ALL EXTERIOR DOORS SHALL OPEN OUTWARD AND BE SELF-CLOSING AND TIGHT-FITTING. BI-FOLD, FRENCH, ACCORDIAON STYLE AND ROLL-UP DOORS CANNOT OPEN INTO FOOD PREPARATION, UNPACKAGED FOOD SERVICE OR WAREWASHING AREA.
13	TOILET ROOM DOORS ARE TO BE SELF-CLOSING AND TIGHT-FITTING.
14	ALL PLUMBING, ELECTRICAL AND GAS LINES SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE TO AS GREAT AN EXTENT AS POSSIBLE. ALL EXPOSED CONDUIT, PLUMBING LINES, ETC. SHALL BE INSTALLED A MINIMUM OF 6" ABOVE THE FLOOR AND 1/4" FROM THE WALLS USING EASILY CLEANABLE STANDOFF BRACKETS.
15	UTENSIL SINKS TO HAVE 3 COMPARTMENTS THAT ARE A MINIMUM SIZE OF 18" X 18" X 12" DEEP WITH A MINIMUM 18" DRAINBOARD AT EACH END AND 10" BACKSPLASH. IF THE END IS AGAINST A WALL, THE END MUST HAVE A 10" INTEGRAL SPLASH TO MATCH BACKSPLASH. THE SINK TUB MUST BE CAPABLE OF ACCOMMODATING THE LARGEST UTENSIL TO BE WASHED AND THE DRAINBOARD MUST BE EQUAL OR GREATER IN LENGTH THAN THE SINK TUB.
16	PREP SINK COMPARTMENTS MUST BE AT LEAST 18" X 18" X 12" DEEP WITH A MINIMUM DRAINBOARD OF 18".
17	FAUCETS SHALL HAVE SPOUTS CAPABLE OF REACHING EACH SINK COMPARTMENT.
18	APPROVED BACKFLOW PREVENTION DEVICES SHALL BE PROPERLY INSTALLED UPSTREAM OF ANY POTENTIAL HAZARD BETWEEN THE POTABLE WATER SUPPLY AND A SOURCE OF CONTAMINATION. HOSES SHALL NOT BE ATTACHED TO A FAUCET OR HOSE BIBB UNLESS AN APPROVED BACKFLOW PREVENTER IS SUPPLIED.
19	IN EVERY ROOM AND AREA IN WHICH ANY FOOD IS PREPARED, MANUFACTURED, PROCESSED, OR PREPACKAGED OR IN WHICH EQUIPMENT OR UTENSILS ARE CLEANED, SUFFICIENT NATURAL OR ARTIFICIAL LIGHTING SHALL BE PROVIDED TO PRODUCE LIGHT INTENSITY, WHILE THE AREA IS IN USE:
	A) AT LEAST 10-FOOT CANDLES FOR THE FOLLOWING: 1) AT A DISTANCE OF 30 INCHES ABOVE THE FLOOR, IN WALK-IN REFRIGERATION UNITS AND DRY FOOD STORAGE UNITS. 2) AT A WORKING SURFACE ON WHICH ALCOHOLIC BEVERAGES ARE PREPARED OR WHERE UTENSILS USED IN THE PREPARATION OR SERVICE OF ALCOHOLIC BEVERAGES ARE CLEANED. 3) INSIDE EQUIPMENT SUCH AS REACH-IN OR UNDER THE COUNTER REFRIGERATORS.
	B) AT LEAST 20-FOOT CANDLES FOR THE FOLLOWING: 1) AT A SURFACE WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE OR WHERE FRESH PRODUCE OR PREPACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION. 2) IN SERVER STATIONS WHERE FOOD IS PREPARED. 3) AT A DISTANCE OF 30 INCHES ABOVE THE FLOOR IN AREAS USED FOR HANDWASHING, WAREWASHING, EQUIPMENT AND UTENSIL STORAGE AND IN TOILET ROOMS.
	4) IN ALL AREAS AND ROOMS DURING PERIODS OF CLEANING.
	C) AT LEAST 50-FOOT CANDLES AT A SURFACE WHERE A FOOD EMPLOYEE IS WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS OR SAWS WHERE EMPLOYEE SAFETY IS A FACTOR.
	D) LIGHT FIXTURES SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHIELDS AND SHALL BE READILY CLEANABLE

ABBREVIATIONS	
"T"	TEE
(N)	NEW
*	SEE REMARKS COLUMN
A	AMPS
A.F.F.	ABOVE FINISH FLOOR
A.G.A.	AMERICAN GAS ASSOCIATION
AL	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT
BLDG	BUILDING
BTU	BRITISH THERMAL UNIT
C	CONVENIENCE OUTLET
C.M.U.	CONCRETE MASONRY UNITS
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CLG	CEILING
CLR	CLEAR
CO	CONVENIENCE OUTLET
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CW	COLD WATER
D	DIRECT CONNECTION
DCO	DUPLEX CONVENIENCE OUTLET
DET	DETAIL
DFA	DOWN FROM ABOVE
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DW	DIRECT WASTE
DWG	DRAWINGS
EA	EACH
EH	EXHAUST
ELEC	ELECTRICAL
F	FREEZER
FD	FLOOR DRAIN
FIN	FINISH
FLR	FLOOR
FS	FLOOR SINK
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
FT	FOOT
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GPH	GALLONS PER HOURS
GYP. BD.	GYPSUM BOARD
HP	HORSEPOWER
HR	HOUR
HTR	HEATER
HW	HOT WATER
I.D.	INSIDE DIAMETER
IN	INCH
INS	INSIDE INSULATION
INT	INTERIOR
IW	INDIRECT WASTE
JAN	JANITOR
KIT	KITCHEN
KW	KILOWATT
L	LENGTH
LOT	LOT
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MET	METAL
MFG	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOB	MOBILE
MTD	MOUNTED
N.I.C.	NOT IN CONTRACT
NIFSEC	NOT IN FOOD SERVICE EQUIPMENT CONTRACT
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
P.S.I.	POUNDS PER SQUARE INCH
PLY	PLYWOOD
POB	PART OF BUILDING
POF	PART OF FIXTURE
POL	POLISH, POLISHED
POT	PORTABLE
PR	PAIR
PT	PAINT
QTY	QUANTITY
R	REFRIGERATOR
REQ	REQUIRED
REQ'S	REQUIREMENTS
RM	ROOM
S/S	STAINLESS STEEL
SCH	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SOV	SHUT-OFF VALVE
SQ	SQUARE
STD	STANDARD
STRUCT	STRUCTURAL
THK	THICK
TYP	TYPICAL
W	WIDE, WIDTH, WASTE
W/	WITH
WD	WOOD

GENERAL SYMBOLS			
	ELEVATION REFERENCE		
	MULTIPLE ELEVATION REFERENCE		
	DETAIL REFERENCE		
	SECTION REFERENCE		
	ENLARGED PLAN/DETAIL REFERENCE		
	SPECIFICATION REFERENCE SEE TYPICAL SPECIFICATION SYMBOLS (ON INTERIOR DRAWINGS)		
	ITEM NUMBER		
	NORTH ARROW		
	REVISION DELTA		
	ELEVATION HEIGHT REFERENCE		

MATERIAL GAUGE LIST			
GAUGE	MATERIAL	DESCRIPTION	FINISH
14	STAINLESS STEEL	TOPS & SPLASH	#304
16	STAINLESS STEEL	EXPOSED CHANNELS	
18	STAINLESS STEEL	EXPOSED BODY	#304
16	STAINLESS STEEL	WALL SHELF / OVERSHELF	#304
14	STAINLESS STEEL	KNIFE BRACKET	
14	STAINLESS STEEL	SINK TUB	#304
16	STAINLESS STEEL	UNDERSHELVES	#304
16	STAINLESS STEEL	1 5/8" DIA. TUBING LEGS / CROSS BRACING / BULLET FEET	#304
16	STAINLESS STEEL	GALV. CURB	

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FS-101	EQUIPMENT, PLUMBING, ELECTRICAL, REFRIGERATION, BUILDING WORKS PLANS & SCHEDULE
FS-201	REFRIGERATION DETAILS
FS-202	WALK-IN DETAILS
FS-203	WALK-IN DETAILS

THIS PLAN IS A GENERAL ARRANGEMENT OF EQUIPMENT FOR THE CONVENIENCE OF CONTRACTORS AND IS MADE FROM AVAILABLE INFORMATION. WEBB FOODSERVICE DESIGN ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF SUCH MEASUREMENTS. FABRICATORS, CONTRACTORS, AND OTHERS UTILIZING THESE PLANS IN CONNECTION WITH THIS JOB ARE RESPONSIBLE FOR SECURING THEIR OWN MEASUREMENTS. PLUMBING AND ELECTRICAL INFORMATION INDICATED ON THESE PLANS ARE GENERALLY FOR FOOD SERVICE EQUIPMENT AND ARE INTENDED AS REFERENCE ONLY. WEBB DESIGN IS NOT RESPONSIBLE FOR THE ENGINEERING THEREOF OR FOR ANY PLUMBING OR ELECTRICAL FITTINGS, WORK, AND OR CONNECTIONS UNLESS SPECIFICALLY PROVIDED FOR IN THE SPECIFICATIONS. WEBB FOODSERVICE DESIGN ASSUMES NO RESPONSIBILITY FOR THE WORK DONE BY THE CONTRACTORS NOR FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS, OR BY THE SUBSTITUTION OR CHANGES MADE NECESSARY IN EQUIPMENT SHOWN ON THIS PLAN. CONTRACTORS ARE TO MAKE ALLOWANCES FOR ELBOWS, TRAPS, ETC. AND ARE TO MAKE FINAL CONNECTIONS ON THE JOB, SUPPLYING ALL NECESSARY VALVES, TRAPS, STEAM TRAPS, FAUCETS, STARTING SWITCHES FOR MOTORS, ETC. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE IN THE WRITTEN SPECIFICATIONS. THESE PLANS AND DESIGNS CONTAINED HEREIN ARE THE PROPERTY OF WEBB FOODSERVICE DESIGN AND MAY NOT BE REPRODUCED OR USED BY ANYONE, EITHER ALL OR IN PART WITHOUT FIRST SECURING THE WRITTEN PERMISSION OF WEBB FOODSERVICE DESIGN.



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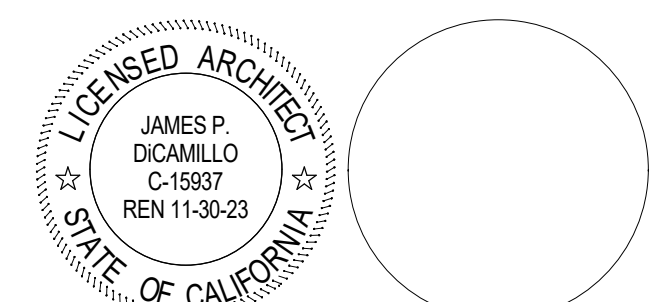
WALK-IN FREEZER & REFRIGERATOR REPLACEMENT

LITEL & OAK RIDGE ELEMENTARY SCHOOL

13435 EAGLE CANYON DR.

CHINO HILLS, CA 91709

CHINO VALLEY UNIFIED SCHOOL DISTRICT



CONSULTANT

1330 S. Lewis St., Anaheim, CA 92805
P 714.508.1880 www.webbfsd.com

NO	DATE	BY	DESCRIPTION
REVISIONS			

DRAWN:	
DATE: 04/13/22	SCALE: NONE
PROJECT NUMBER: 1611701	

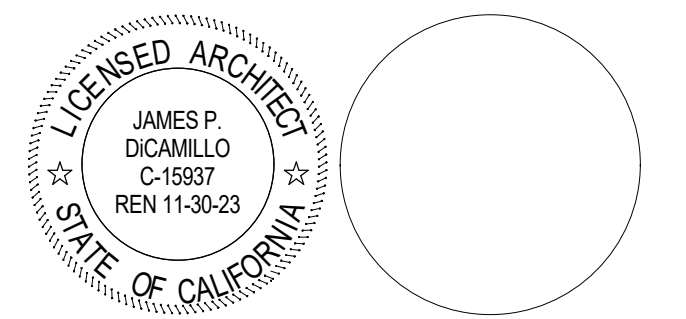
SYMBOLS, NOTES, & INDEX

DRAWING NUMBER: **FS-100**



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WALK-IN FREEZER & REFRIGERATOR REPLACEMENT
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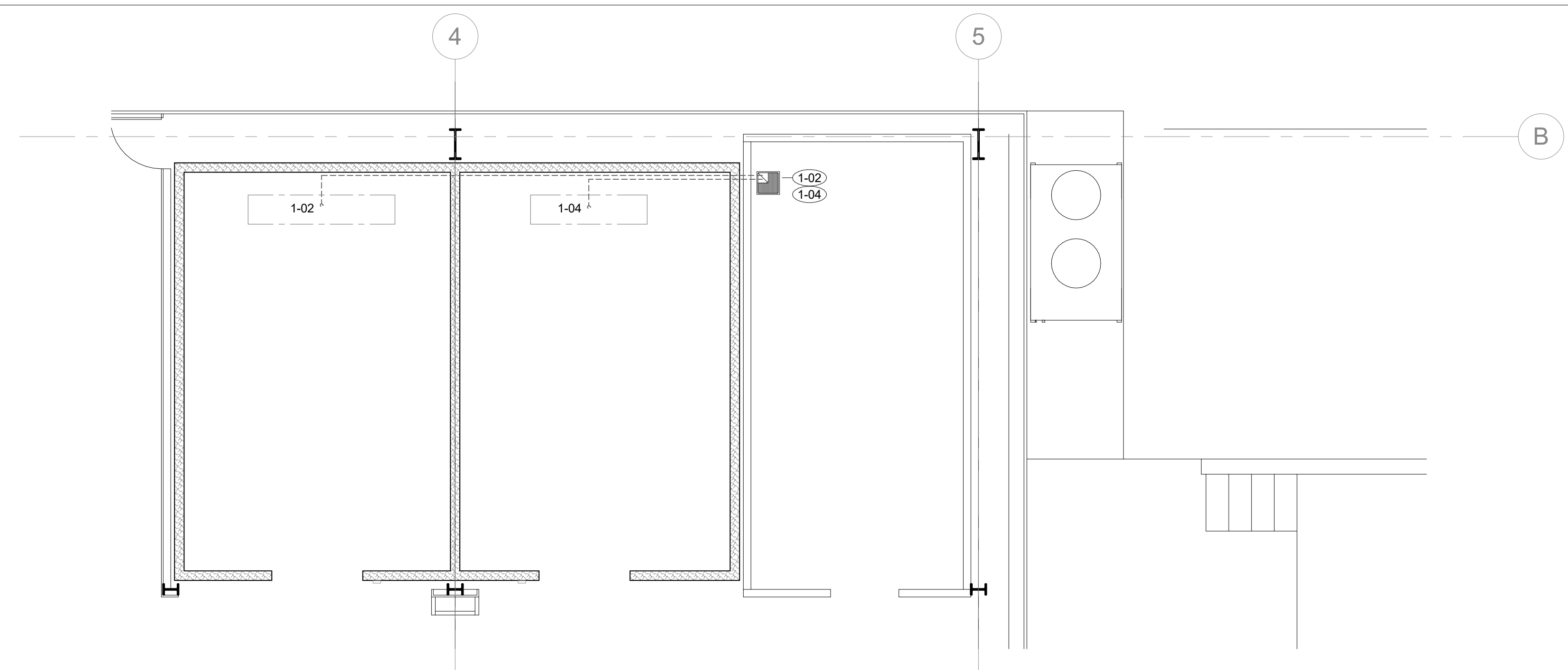
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REVISIONS			

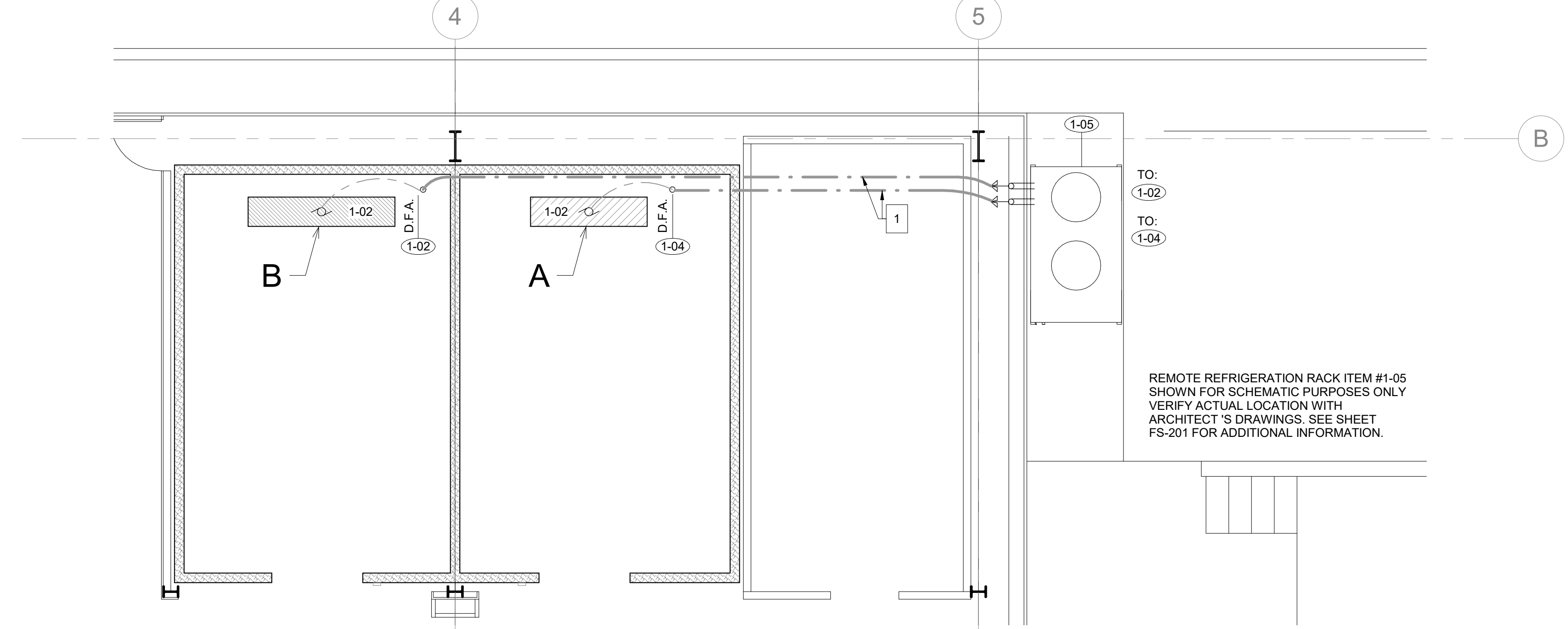
DRAWN:
DATE: 04/13/22 **SCALE:** As indicated
PROJECT NUMBER: 1611701

EQUIPMENT, PLUMBING, ELECTRICAL, REFRIGERATION, BUILDING WORKS PLANS & SCHEDULE

DRAWING NUMBER: **FS-101**



2 PLUMBING PLAN
1/4" = 1'-0"



4 REFRIGERATION PLAN
1/4" = 1'-0"

PLUMBING NOTES

- PLUMBING CONTRACTOR TO VERIFY ALL INCOMING SERVICES AND MAKE ALL EXTERNAL AND INTERNAL CONNECTIONS. PLUMBING CONTRACTOR TO PROVIDE ALL PIPING, FITTINGS, PARTS, ETC., NECESSARY TO MAKE EQUIPMENT FUNCTIONAL.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL INDIVIDUAL SHUT-OFF VALVES ON ALL WATER AND GAS LINES.
- ALL BUILDING AND FIXTURE PENETRATIONS MUST BE SEALED WATER-TIGHT AND VERMIN PROOF. PROVIDE ESCUTCHEON PLATES TO SURROUND OPENINGS.
- ALL PLUMBING OUTLETS AND CONNECTIONS SHOWN ARE FOR EQUIPMENT SHOWN ON FOOD SERVICE EQUIPMENT PLAN ONLY. (SEE ARCHITECTURAL PLANS FOR FURTHER PLUMBING REQUIREMENTS.)
- ALL HORIZONTAL DIMENSIONS SHOWN ARE FROM FINISHED FACE ON WALL TO CENTERLINE OF STUB OUT OR FROM CENTERLINE OF STUB OUT TO CENTERLINE OF STUB OUT UNLESS OTHERWISE NOTED ON PLANS OR DETAILS (VERIFY ALL DIMENSIONS AT JOB SITE).
- ALL SYMBOLS NOTED "+2", "+24", ETC., ARE TO STUB OUT OF WALL AT HEIGHT INDICATED.
- HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF STUB OUT. ALL SYMBOLS NOTED STUB UP ARE TO STUB UP ABOVE FINISHED FLOOR OR FINISHED CURB AT LOCATION INDICATED ON PLAN. (VERIFY ALL DIMENSIONS AT JOB SITE).
- ALL FLOOR SINKS SHOWN ARE TO BE SET FLUSH WITH FINISHED FLOOR. VERIFY LOCATION OF FLOOR SINKS PRIOR TO FINAL POUR. (VERIFY WITH FOOD SERVICE EQUIPMENT CONTRACTOR.)
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL REMOVABLE GRILLS OR COVERS FOR ALL FULL OR PARTIALLY EXPOSED FLOOR SINKS.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL TYPE "L" COPPER TUBING DRAIN LINES FROM ALL APPLICABLE EQUIPMENT TO FLOOR SINKS, INCLUDING WALK-IN COOLER AND FREEZER COILS, AND TO INSULATE ALL DRAIN LINES FROM ICE BINS, REFRIGERATION EQUIPMENT ETC. PLUMBING CONTRACTOR TO INSTALL DRAIN LINES SO THEY DO NOT AFFECT UNDER-COUNTER STORAGE AND OTHER OPERATIONAL FUNCTIONS OF THE FIXTURES.
- DRAIN FOR DISHWASHER TO HAVE A MINIMUM 3" DRAIN PIPE.
- PLUMBING CONTRACTOR TO VERIFY ALL INCOMING WATER TEMPERATURES. (SPMS WITH DISHWASHER SPECIFICATIONS. (120 DEGREE MIN.)
- IF INLET PRESSURE ON HOT WATER LINE IS IN EXCESS OF 25 LBS. FLOW PRESSURE, PLUMBING CONTRACTOR TO PROVIDE AND INSTALL PRESSURE REGULATING VALVE. G.P.H. (RINSE CONSUMPTION AT 25 LBS. FLOW PRESSURE REQUIRED FOR DISHWASHING MACHINE).
- PLUMBING CONTRACTOR TO INSTALL AND FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE. AUTOMATIC SHUT-OFF VALVE(S) IN GAS LINE FOR FIRE SUPPRESSION SYSTEM IN HOOD.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL STRAINERS OR APPROVED TYPE FILTERS ON GAS SUPPLY LINES.
- PLUMBING CONTRACTOR TO INSTALL AND FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE. ALL GAS PRESSURE REGULATING VALVES.

PLUMBING NOTES

- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL BACK FLOW PREVENTION DEVICES FOR FIXTURES AS REQUIRED BY LOCAL PLUMBING AND BUILDING DEPARTMENTS.
- THIS PLAN IS FOR PLUMBING REQUIREMENTS FOR SPECIFIC FOOD SERVICE AREAS ONLY. PLUMBING CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL PLUMBING REQUIREMENTS NOT SHOWN.
- PLUMBING ENGINEER TO VERIFY PROPER USE OF FOOD DISPOSERS. FOR GREASE INTERCEPTOR SIZING REFER TO MECHANICAL DOCUMENTS.
- PLUMBING CONTRACTOR TO PROVIDE ALL SHUT-OFF AND MIXING VALVES, TRIM, TRAPS AND FINAL CONNECTIONS TO THE FIXTURES, EXCEPT AS NOTED DIFFERENTLY IN THE SPECIFICATIONS OR ON THE DRAWINGS.

PLUMBING SYMBOLS

- 12" X 12" FLOOR SINK
- 12" X 12" FLOOR SINK WITH HALF GRATE
- 12" X 12" FLOOR SINK WITH 3/4 GRATE
- FLOOR DRAIN
- ITEM NUMBER
- M

NOTE: ALL FLOOR DRAIN LOCATIONS SHOWN ARE SUGGESTED ONLY. ACTUAL LOCATIONS AND QUANTITIES TO BE DETERMINED BY THE ARCHITECT. VARIATIONS DUE TO FLOORING TYPE AND PITCH MAY BE REQUIRED.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR TO VERIFY ALL INCOMING SERVICE AND FINAL HOOK-UP TO ALL APPLICABLE EQUIPMENT AND TO PROVIDE ALL SWITCHES, BREAKERS, CONDUIT, ETC., UNLESS SPECIFICALLY STATED OTHERWISE.
- FIXTURE FABRICATOR TO PROVIDE JUNCTION/OUTLET BOXES WHEN PART OF FIXTURE. INTERNAL WIRING, RECEPTACLES, COVERS, ETC., TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR UNLESS SPECIFIED AS PART OF A PRE-ENGINEERED DESIGN.
- ALL ELECTRICAL OUTLETS AND CONNECTIONS SHOWN ON THE PLAN ARE FOR EQUIPMENT SHOWN ON FOOD SERVICE EQUIPMENT PLAN (SEE ARCHITECTURAL PLANS FOR ADDITIONAL ELECTRICAL REQUIREMENTS).
- ALL HORIZONTAL DIMENSIONS SHOWN ARE FROM FINISHED FACE OF WALL TO CENTERLINE OF OUTLET UNLESS OTHERWISE NOTED ON PLANS OR DETAILS. ELECTRICAL CONTRACTOR TO VERIFY ALL DIMENSIONS AT JOB SITE. ALL SYMBOLS NOTED "+2", "+24", ETC., TO STUB OUT OF WALL AT HEIGHT INDICATED.
- HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF OUTLET. ALL SYMBOLS NOTED STUB UP ARE TO STUB UP ABOVE FINISHED FLOOR AT HEIGHT AND LOCATION INDICATED. (MINIMUM HEIGHT TO BE 6" A.F.F.)
- ELECTRICAL CONTRACTOR TO PROVIDE A PIGTAIL FLEX CONDUIT AT ALL DIRECT CONNECT STUB OUTS OF SUFFICIENT LENGTH TO EXTEND AND CONNECT TO FIXTURES.
- ELECTRICAL CONTRACTOR TO WIRE MAGNETIC CONTACTORS AND/OR SHUNT TRIP BREAKERS FOR POWER SHUT-OFF TO ALL COOKING EQUIPMENT PROTECTED BY THE FIRE SUPPRESSION SYSTEM. CONNECT CONTROL CIRCUIT FROM MICRO-SWITCH ON SYSTEM AUTOMAT TO CONTRACTOR COIL. REFER TO DETAIL ON FIRE SUPPRESSION SYSTEM DRAWINGS.

ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL STAINLESS STEEL COVER PLATES FOR ALL RECEPTACLES AND SWITCHES IN FOOD PREPARATION AREAS UNLESS OTHERWISE NOTED. ALL RECEPTACLES TO BE SET HORIZONTALLY.
- LIGHT FIXTURES THAT ARE SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR ARE TO BE INSTALLED BY THE ELECTRICAL CONTRACTOR WITH LAMPS BY OWNER, UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY OR REQUESTED.
- FIXTURE FABRICATOR SHALL CUT ACCESS HOLES TO CONVENIENCE OUTLETS AS REQUIRED.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL WIRING FOR WALK-IN COOLERS AND FREEZERS. NO EXPOSED CONDUIT ON THE INTERIOR OF THE WALK-IN IS PERMITTED.
- ELECTRICAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH JOBSITE CONDITIONS.
- ELECTRICAL CONTRACTOR TO VERIFY ANY ADDITIONAL ELECTRICAL SERVICES REQUIRED ELSEWHERE IN THE BUILDING FOR ITEMS NOT SHOWN ON THE PLANS, AND FOR N.L.F.S.C. ITEMS.
- ELECTRICIAN TO PROVIDE CONDUIT THAT MEETS LOCAL BUILDING AND ELECTRICAL CODES.
- ELECTRICIAN TO VERIFY ALL WIRING REQUIREMENTS FOR WALK-IN COOLERS, FREEZERS WITH REFRIGERATION CONTRACTOR PRIOR TO INSTALLATION.
- ELECTRICIAN TO CONNECT HEATER STRIPS AT COLD STORAGE ROOM DOORS, INCLUDING GLASS DISPLAY DOORS, AND DRAIN LINES AS REQUIRED.
- EXHAUST SYSTEM (FAN) TO BE CONNECTED TO DISHWASHER CONTROLLER.

ELECTRICAL SYMBOLS

- 120 VOLT DUPLEX CONV OUTLET
- JUNCTION BOX
- MOTOR
- HEATING ELEMENT
- SWITCH
- TELEPHONE DATA
- ITEM NUMBER
- VACUUM PRESSURE RELIEF VENT
- TEMPERATURE ALARM SENSOR
- DFA DOWN FROM ABOVE
- FINAL CONNECTION POINT

REFRIGERATION NOTES

- REFRIGERATION CONTRACTOR SHALL INSULATE ALL REFRIGERATION LINES WHERE REQUIRED BY CODE.
- REFRIGERATION CONTRACTOR SHALL VERIFY LOCATION OF ALL REMOTE REFRIGERATION SYSTEM COMPONENTS, INCLUDING EVAPORATOR COILS, REFRIGERATION RACK, COMPRESSORS, CONDENSORS, ETC.
- REFRIGERATION CONTRACTOR SHALL VERIFY LOCATION OF PITCH POCKET FOR REFRIGERATION LINE PENETRATION THRU ROOF WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR TO INSTALL PITCH POCKETS, CURB, CAP AND FLASHING.
- GENERAL CONTRACTOR TO PROVIDE A WATERPROOF SEAL OF ALL PENETRATIONS THROUGH THE ROOF AFTER REFRIGERATION LINES HAVE BEEN RUN.
- REFRIGERATION CONTRACTOR TO SEAL ENDS OF CONDUIT AFTER ALL REFRIGERATION LINES HAVE BEEN RUN.

REFRIGERATION NOTES

- CLEARANCE IS REQUIRED AROUND THE PERIMETER OF ROOF MOUNTED REFRIGERATION EQUIPMENT FOR SYSTEM MAINTENANCE. REFER TO MANUFACTURER'S MINIMUM SPACE REQUIREMENTS.
- PROPER VENTILATION IS REQUIRED FOR REFRIGERATION EQUIPMENT RACK. SEE REFRIGERATION SYSTEM DRAWINGS FOR REQUIREMENTS AND MANUFACTURER'S DATA OR INSTALLATION REQUIREMENTS.
- REFRIGERATION RACK SYSTEM MANUFACTURER TO PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS (FUSED DISCONNECT, TIME CLOCKS, MAGNETIC STARTERS, DRAIN LINE HEATERS, ETC.) AND FACTORY WIRING (CONDUIT AND CABLE) FOR ALL CONTROLS WITHIN THE REFRIGERATION SYSTEM (PER DIVISION 16) TO A SINGLE POINT OF SERVICE FOR POWER CONNECTIONS. REFRIGERATION RACK SHALL BE UL LISTED. ELECTRICAL CONTRACTOR TO PROVIDE ALL CONDUIT AND WIRING BETWEEN REFRIGERATION RACK AND REMOTELY LOCATED SYSTEM COMPONENTS.
- ALL SYSTEMS AND COMPONENTS SHALL BE LABELED. PROVIDE A COPY OF THE REFRIGERATION PLAN IN AN EASILY ACCESSIBLE WEATHER PROTECTED AREA.
- ICE MACHINE REMOTE CONDENSER CONDUIT RUNS SHALL NOT EXCEED 20 FEET VERTICALLY AND 40 FEET HORIZONTALLY.

REFRIG. SYMBOLS

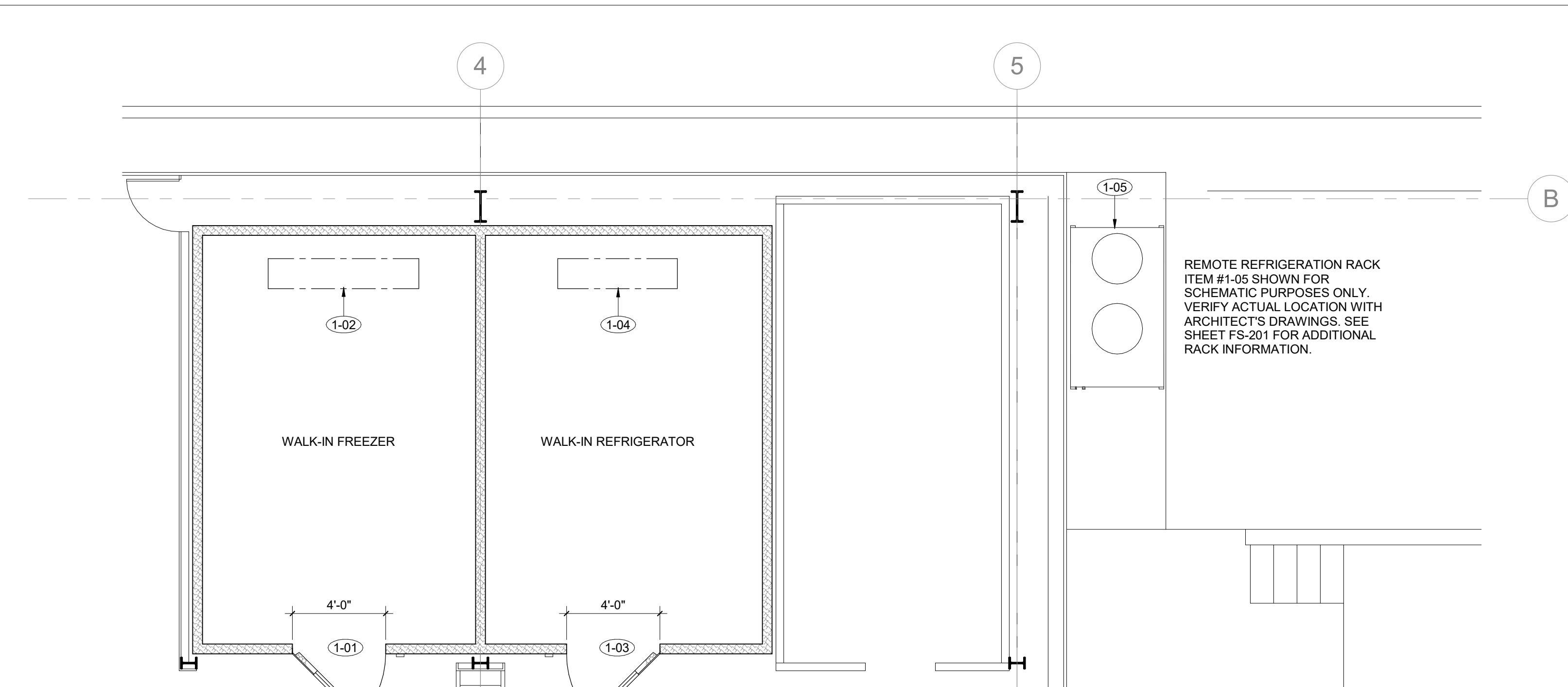
- A,B,C... IDENTIFIES REFRIGERATION SYSTEM
- 1 IDENTIFIES OVERHEAD REFRIGERATION LINE RUN THROUGH ACCESSIBLE CEILING.
- INDICATES REFRIGERATED EQUIPMENT CONNECTED TO REFRIGERATION RACK
- INDICATES FREEZER EQUIPMENT CONNECTED TO REFRIGERATION RACK

BUILDING WORKS NOTES

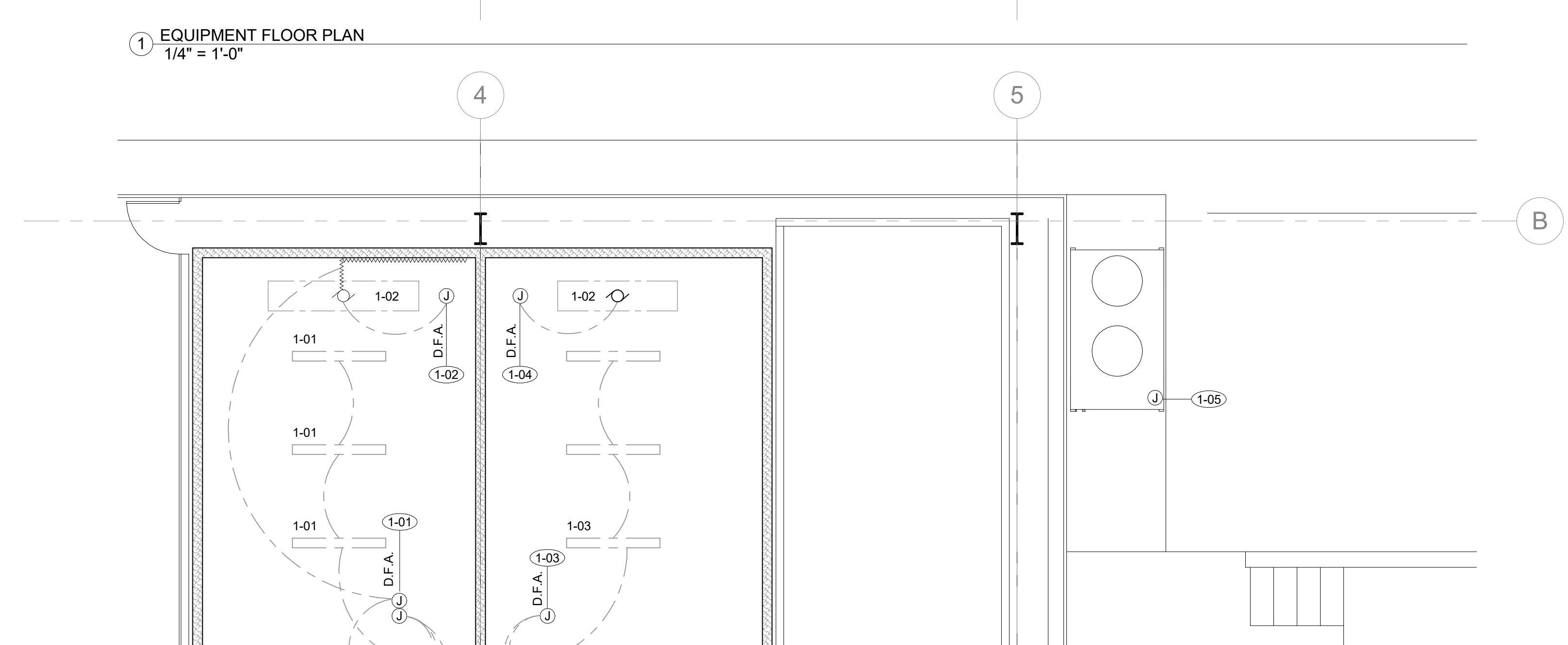
- ALL WALL BACKING TO BE 16 GAUGE GALVANIZED METAL SECURELY ATTACHED TO STUD/WALL FRAMING.
- WALL BACKING LENGTHS SHOWN ON BUILDING WORKS PLAN REQUIREMENTS ARE THE MINIMUM. ALWAYS EXTEND WALL BACKING TO NEXT STUD OVER IN EACH DIRECTION.
- ALL WORK SHOWN ON BUILDING WORKS PLAN TO BE BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

BLDG. WORKS LEGEND

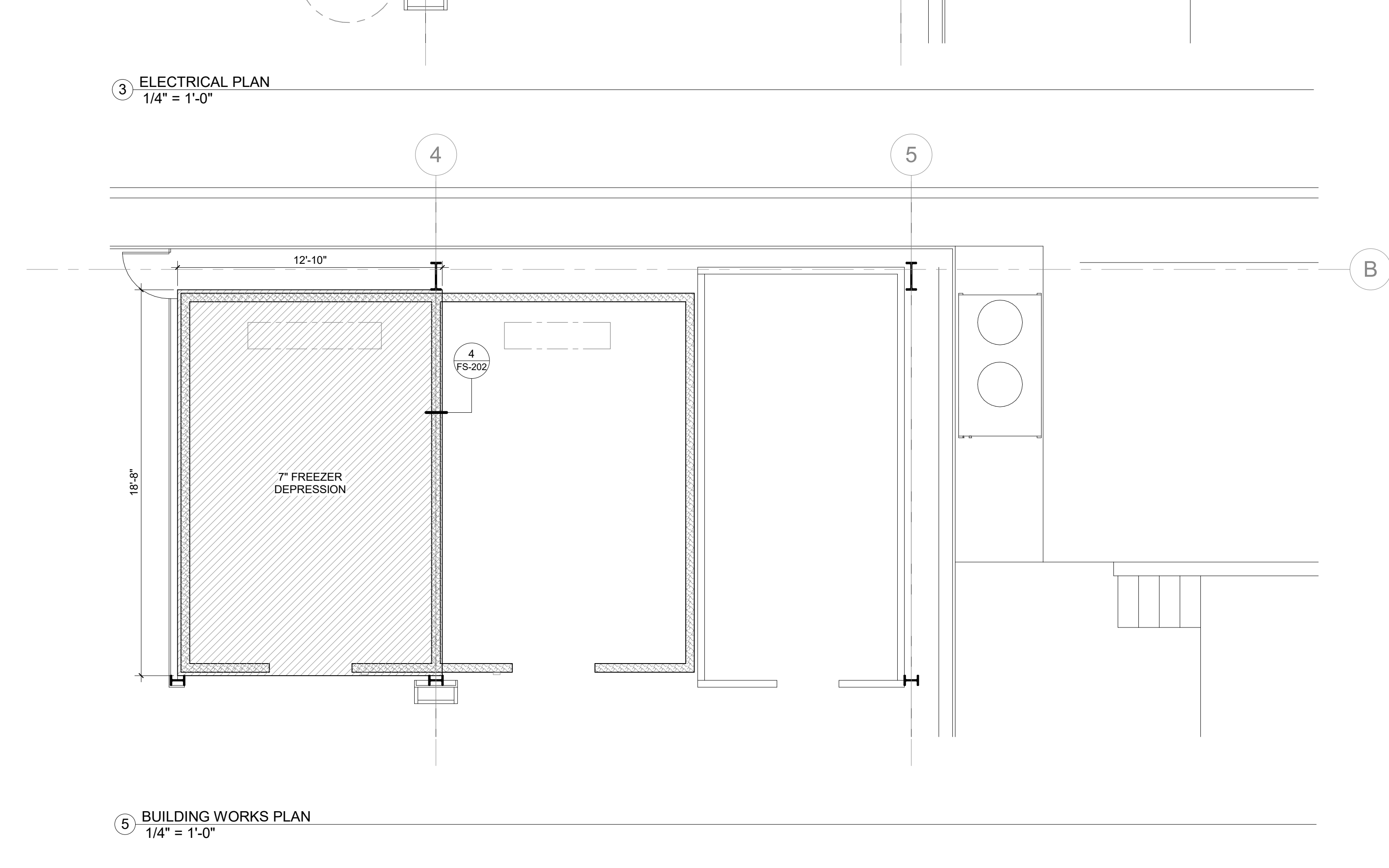
- INDICATES FREEZER DEPRESSION



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



3 ELECTRICAL PLAN
1/4" = 1'-0"



5 BUILDING WORKS PLAN
1/4" = 1'-0"

EQUIPMENT SCHEDULE				PLUMBING						ELECTRICAL								
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL #	CW	HW	DW	IW	GAS	MBTU/HR	PLUMBING REMARKS	VOLTS	K.W.	AMPS	H.P.	PHASE	ELEC. CONN.	ELECTRICAL REMARKS
1-01	1	WALK-IN FREEZER (REMOTE)	RFI	CUSTOM														WIRE THRU LIGHTS & SWITCH AND VENT = 120V/10.0A/1PH. DRAIN & DOOR HEATERS = 208V/18.3A/1PH. SEE SHEET FS-201 FOR ADDITIONAL INFO.
1-02	1	EVAPORATOR COIL (FREEZER)	AIRDYNE	LEL0170BS6EMA				FS				208		2.0		1	D	SEE SHEET FS-201 FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
1-03	1	WALK-IN REFRIGERATOR (REMOTE)	RFI	CUSTOM								120		10.0		1	D	WIRE THRU LIGHTS AND SWITCH
1-04	1	EVAPORATOR COIL (COOLER)	AIRDYNE	LEL0155AS6AMAB0200				FS				120		2.7		1	D	SEE SHEET FS-201 FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
1-05	1	REMOTE REFRIGERATION RACK AND SYSTEM	AIRDYNE	MP-6							APPROXIMATE WEIGHT: 900 LBS. SEE ARCH. DRAWINGS FOR LOCATION	208		37.5		3	D	SEE SHEET FS-201 FOR ADDITIONAL ELECTRICAL INFORMATION

REMOTE REFRIGERATION RACK ITEM #1-05 SHOWN FOR SCHEMATIC PURPOSES ONLY. VERIFY ACTUAL LOCATION WITH ARCHITECT'S DRAWINGS. SEE SHEET FS-201 FOR ADDITIONAL RACK INFORMATION.

REMOTE REFRIGERATION RACK ITEM #1-05 SHOWN FOR SCHEMATIC PURPOSES ONLY. VERIFY ACTUAL LOCATION WITH ARCHITECT'S DRAWINGS. SEE SHEET FS-201 FOR ADDITIONAL INFORMATION.



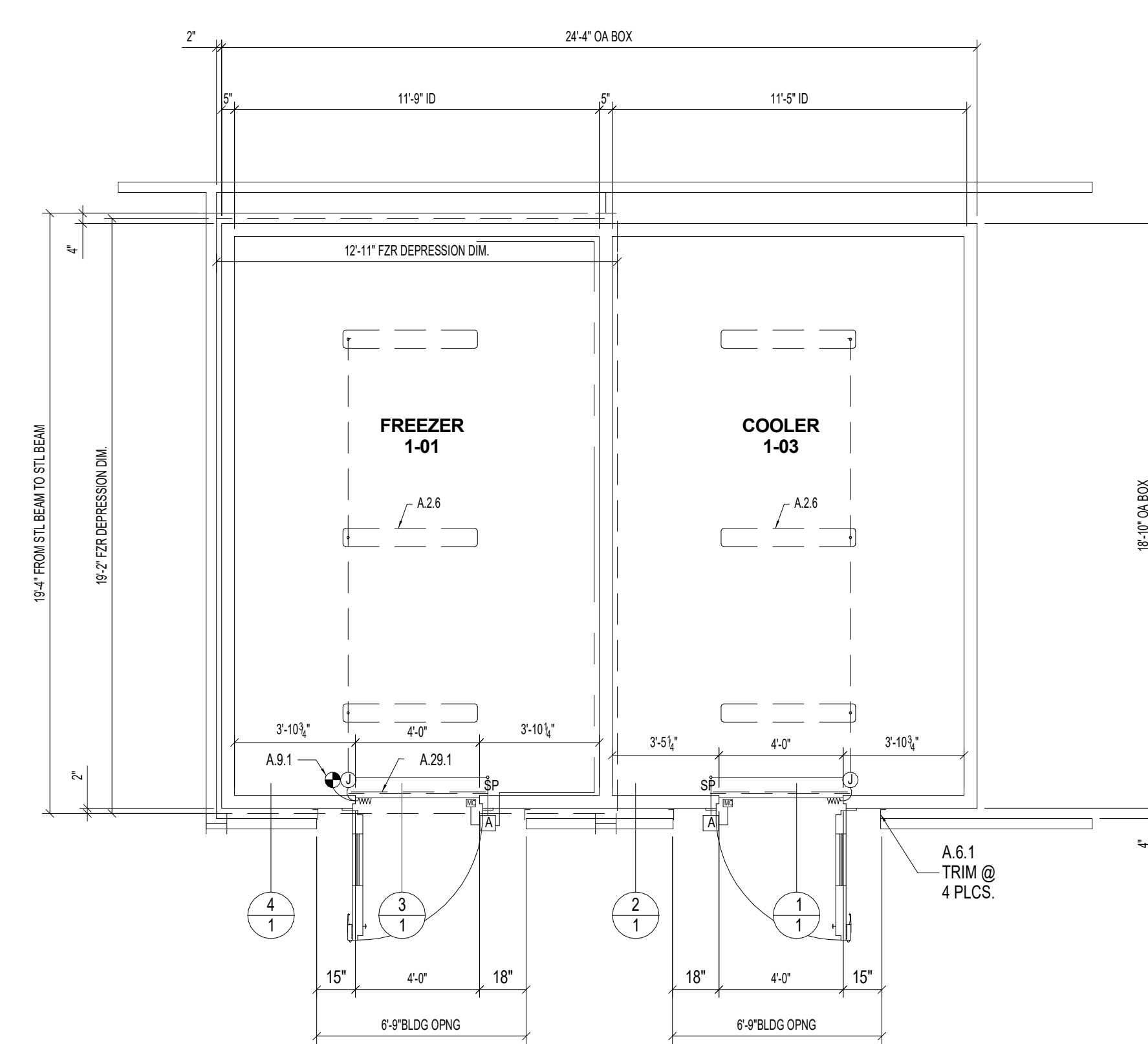
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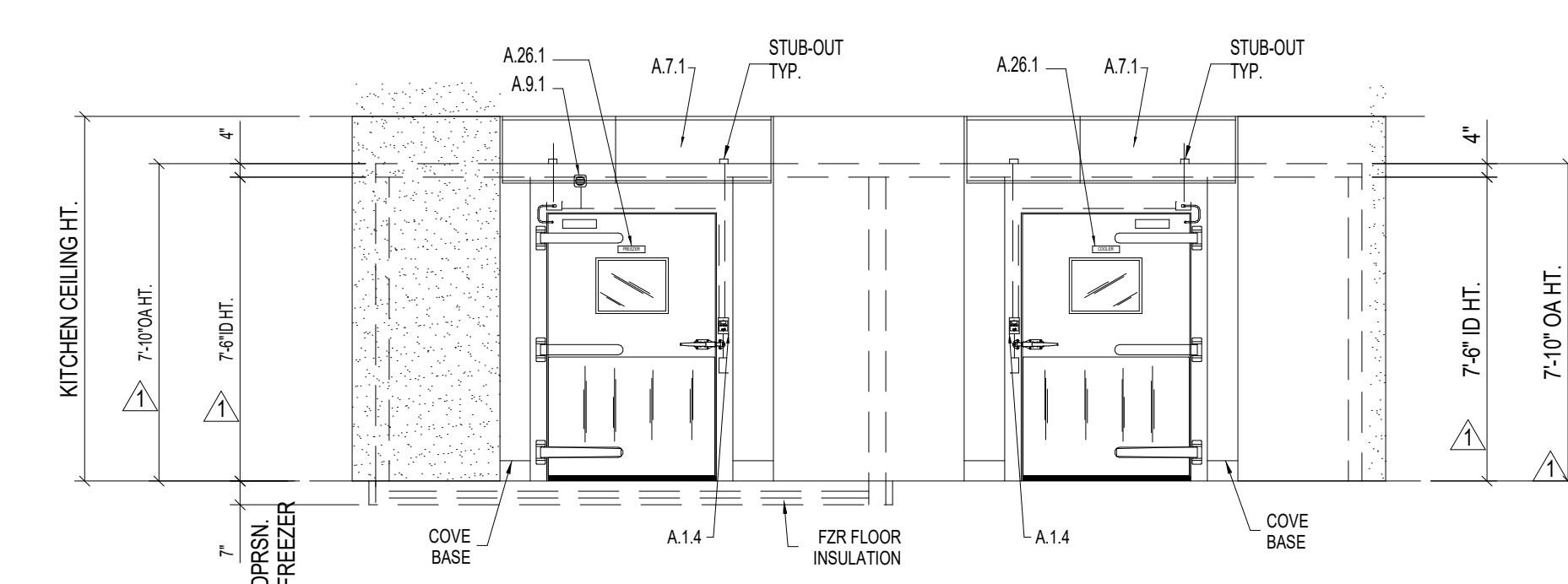
MATERIAL LIST		CONSULTANT: WEBB FOODSERVICE DESIGN	
CHINO VALLEY USD CENTRAL WAREHOUSE		LOCATION: CHINO, CA	
SYM.	ITEM	DESCRIPTION	QTY.
PANEL MATERIAL LIST			
M-1	INTERIOR WALL FACING	24 GA 3M WHITE ANTIMICROBIAL	
M-1C	INTERIOR CEILING FACING	24 GA 3M WHITE ANTIMICROBIAL	
M-2	EXPOSED EXTERIOR FACING	20 GA STAINLESS STEEL, TYPE 304 #4	
M-3	UNEXPOSED EXTERIOR FACING	20 GA GALVANIZED STEEL, A25 G-90	
M-4	PANEL INSULATION	5" URETHANE, CLASS 1 - UL LISTED	
COOLER, FLOORLESS			
M-5	FLOOR ATTACHMENT ANGLE	3"x5"x3" 1/8" STEEL ANGLE @INSIDE WALLS 23" O.C.	
M-6	SEISMIC FLOOR ANCHOR	HILTI 3/8" DIAMETER KB-T2Z SEISMIC ANCHOR BOLT W/MIN. 2" EMBEDMENT 423" O.C. (ICC ESR-4286)	
M-7	WEARING FLOOR	SEALED CONCRETE FINISH BY G.C. (VERIFY)	
M-8	INTERIOR BASE	6" HIGH COVED MOULDING (MATCH WALL FINISH)	
M-9	EXTERIOR BASE	6" HIGH COVED MOULDING (MATCH WALL FINISH)	
FREEZER, FLOOR DEPRESSION			
M-10	FLOOR ATTACHMENT ANGLE	3"x5"x3" 1/8" STEEL ANGLE @INSIDE WALLS 23" O.C.	
M-11	SEISMIC FLOOR ANCHOR	HILTI 3/8" DIAMETER KB-TZ SEISMIC ANCHOR BOLT W/MIN. 2" EMBEDMENT 423" O.C. (ICC ESR-1917)	
M-12	SUBFLOOR MEMBRANE	ASPHALT EMULSION & 6 MIL VISQUEEN VAPOR BARRIER	
M-13	FLOOR INSULATION	TWO LAYERS OF 2" XPS INSULATION @6ps (4" TOTAL)	
M-14	SLIP SHEET	15# FELT PAPER	
M-15	SUBSTRATE	REINFORCED CONCRETE BY G.C.	
M-16	WEARING FLOOR	SEALED CONCRETE FINISH BY G.C. (VERIFY)	
M-17	INTERIOR BASE	6" HIGH COVED MOULDING (MATCH WALL FINISH)	
M-18	EXTERIOR BASE	6" HIGH COVED MOULDING (MATCH WALL FINISH)	
H-20 COOLER & FREEZER RAISED CASING DOORS: (3'-0" WIC x 6'-8" HIC)			
D-1	INTERIOR METAL FACING	20 GA STAINLESS STEEL, TYPE 304 #4	
D-2	EXTERIOR METAL FACING	20 GA STAINLESS STEEL, TYPE 304 #4	
D-3	DOOR INSULATION	4" URETHANE, CLASS 1 - UL LISTED	
D-4	LATCH	KASON #85C CHROME FINISH CYLINDER LOCKING LATCH WITH #41 SAFETY INSIDE RELEASE PUSH HANDLE CALIBRE #6503AL HYDRAULIC RACK & PINION W/H O.	
D-5	DOOR CLOSER	(2) PREMCO PRC-24 CAM-LIFT	
D-6	HINGE (3DOOR)	NEOPRENE W/STAINLESS STEEL RETAINER, DUAL @ FZR	
D-7	ADJUSTABLE WIPER	EXTRUDED POLYVINYL CHLORIDE W/MAGNETIC CORE	
D-8	DOOR GASKET	20 GA STAINLESS STEEL (TYPE 430) WITH 48" HIGH	
D-9	JAMB METAL FACING	14 GA STAINLESS STEEL JAMB ANGLE GUARDS 18 GA STAINLESS STEEL, TYPE 304 #4	
D-10	RAISED CASING	1/8" x 2" ALUMINUM CHANNEL	
D-11	INSIDE BUMPER BAR	1/8" STAINLESS STEEL, TYPE 304 #2B	
D-12	REMOVABLE SILL PLATE	120V, 230W CIRCUIT W/SELF-REGULATING THERMOSTAT	
D-13	JAMB & SILL HEATER ASSY.	120V, 230W CIRCUIT W/SELF-REGULATING THERMOSTAT	
D-14	DOOR PERIMETER HEATER	HERMETICALLY SEALED 3-PANE TEMPERED GLASS UNIT WITH 120 VOLT 35 WATT HEATER	
D-15	VISION PANEL (15"x20")	16 GA STAINLESS STEEL, 3'-0" HIGH	
D-16	INTERIOR KICKPLATE	16 GA STAINLESS STEEL, 3'-0" HIGH	
D-17	EXTERIOR KICKPLATE	16 GA STAINLESS STEEL, 3'-0" HIGH	
ACCESSORY MATERIAL LIST			
A-1.4	DIGITAL MULTI-MONITOR & AUTOMATIC LIGHT CONTROL	MODULARM 751C HILO ALARM WITH AUDIO-VISUAL NOTIFICATION, 3-BUTTON USER INTERFACE, BATTERY BACK UP, DRY CONTACTS, MULTI-ENTRY LIGHT CONTROL, PANIC ALARM, DATA LOGGING CAPABLE & SENSOR LINE	2
A-2.6	LIGHT FIXTURE	KASON #1910L 48" LONG WEATHER-PROOF LED FIXTURE W/TWO 5000K COLOR TEMP. LED LAMPS (120V, 30W)	6
A-6.1	TRIM	MATCHING METAL ANGLE	9
A-7.1	CLOSURE PANELS	20G STAINLESS STEEL PANELS, RAILS & TRACK	10/
A-9.1	HEATED VACUUM VENT @ FZR	KASON #1830 2WAY HEATED VALVE (120V, 230W)	1
A-28.1	IDENTIFICATION LABEL	2"x8" BLACK PLASTIC SELF-ADHESIVE LABEL W/WHITE RECESSED LETTERS (VERIFY WORDAGE)	2
A-29.1	STRIP CURTAINS	8" WIDE x .080" THICK CLEAR VINYL STRIPS WITH ALUMINUM MOUNTING HARDWARE & FASTENERS	2

GENERAL NOTES
1. TO MAINTAIN NSF CERTIFICATION A NSF CERTIFIED COVE BASE MUST BE INSTALLED.
2. WIRING & INSTALLATION OF FIXTURES AND POWER CONNECTIONS BY JOBSITE ELECTRICIAN.
3. ALL DIMENSIONS MUST BE FIELD VERIFIED PRIOR TO FABRICATION OF COLD STORAGE ROOMS.

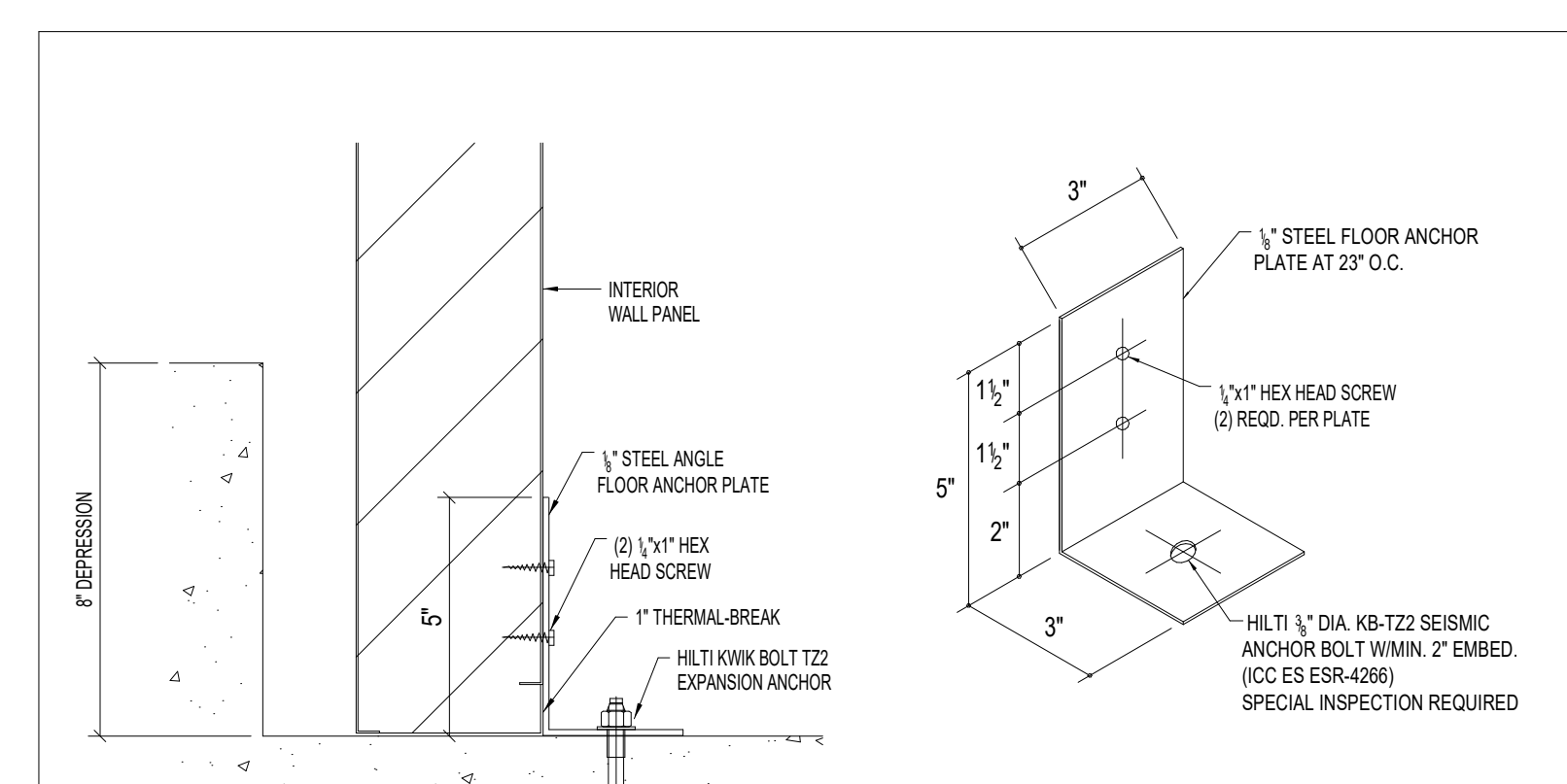
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FLOOR PLAN
1/4" = 1'-0"

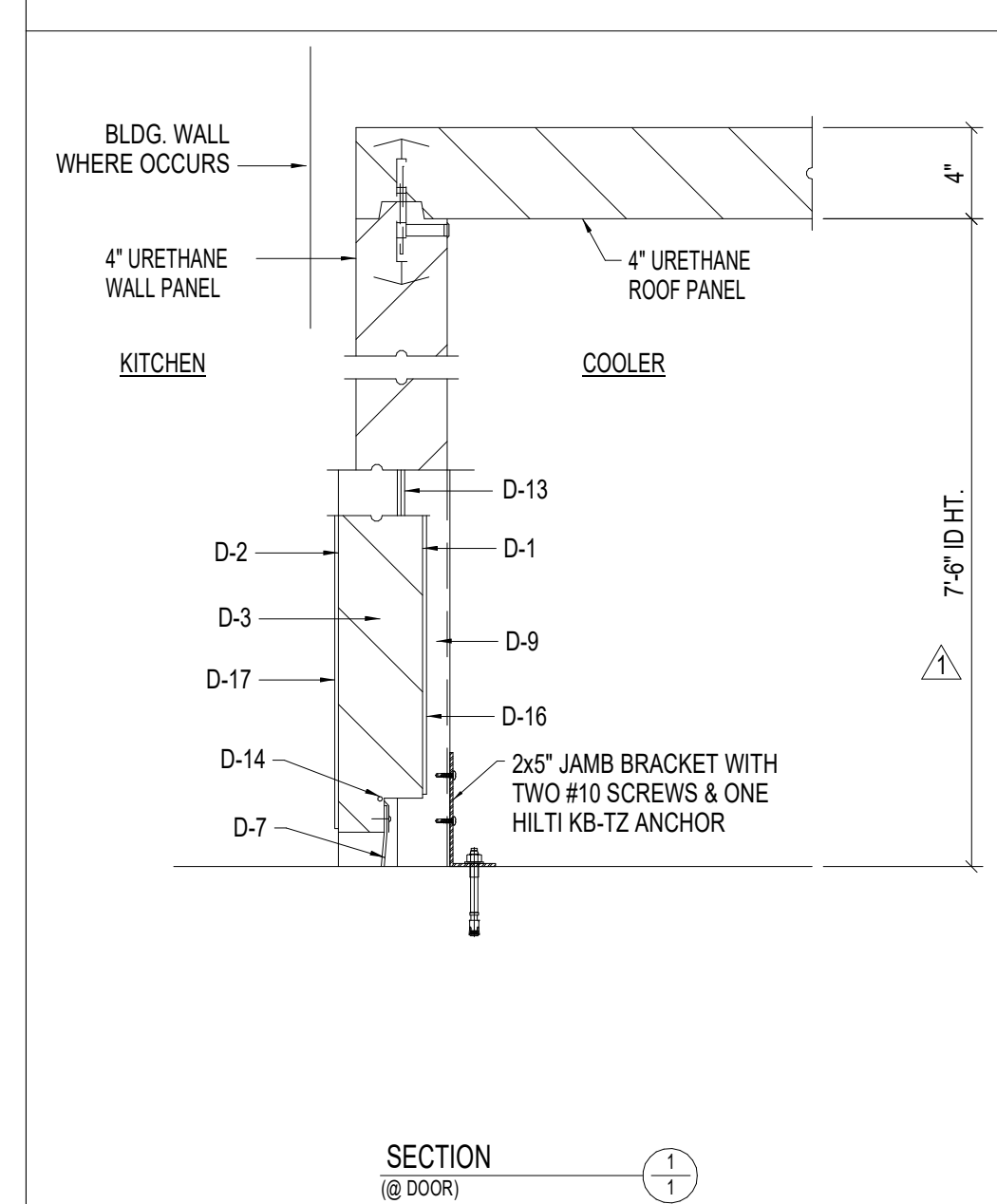


FRONT ELEVATION
1/4" = 1'-0"

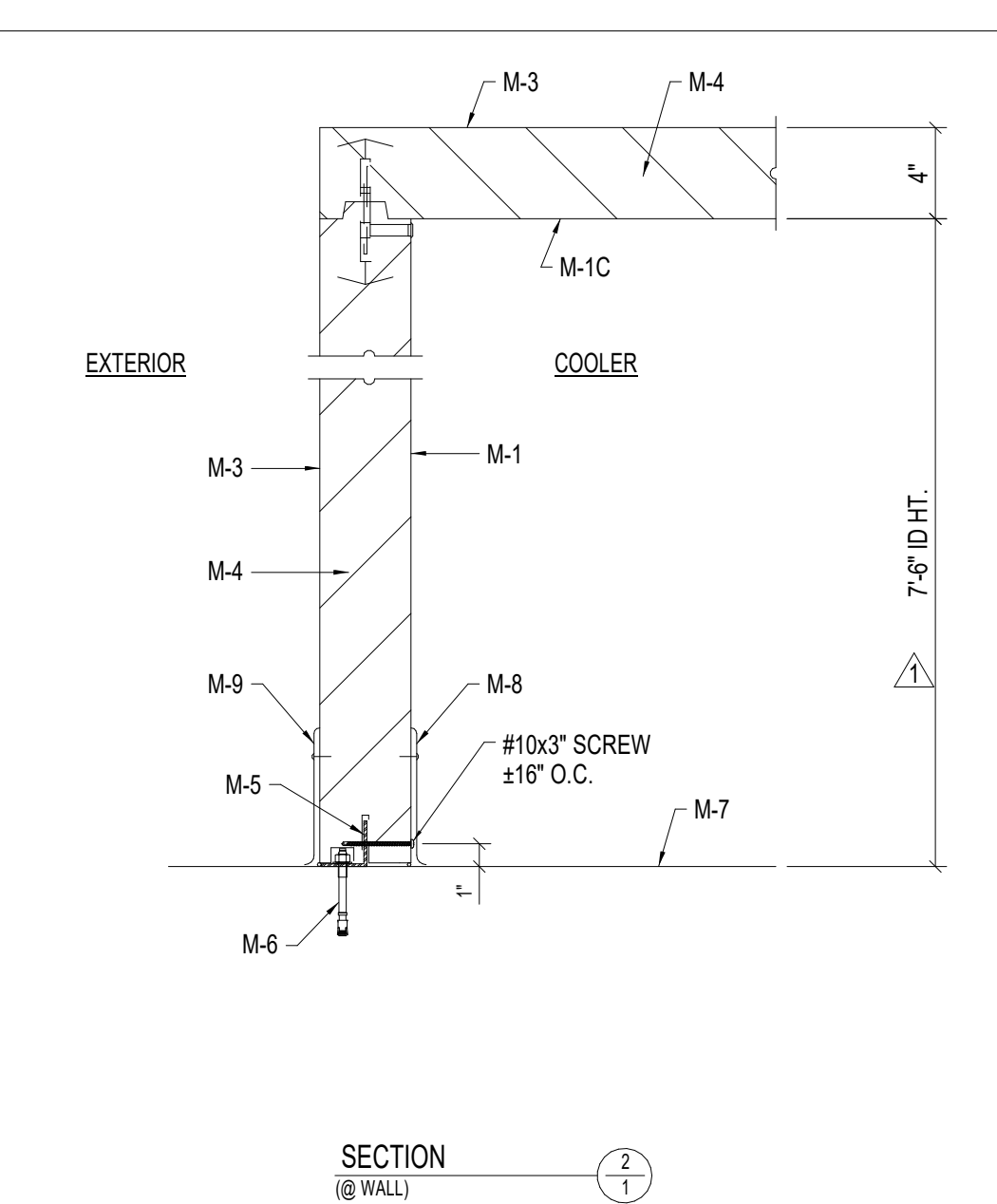


ANCHOR PLATE DETAIL
SEISMIC RESTRAINT

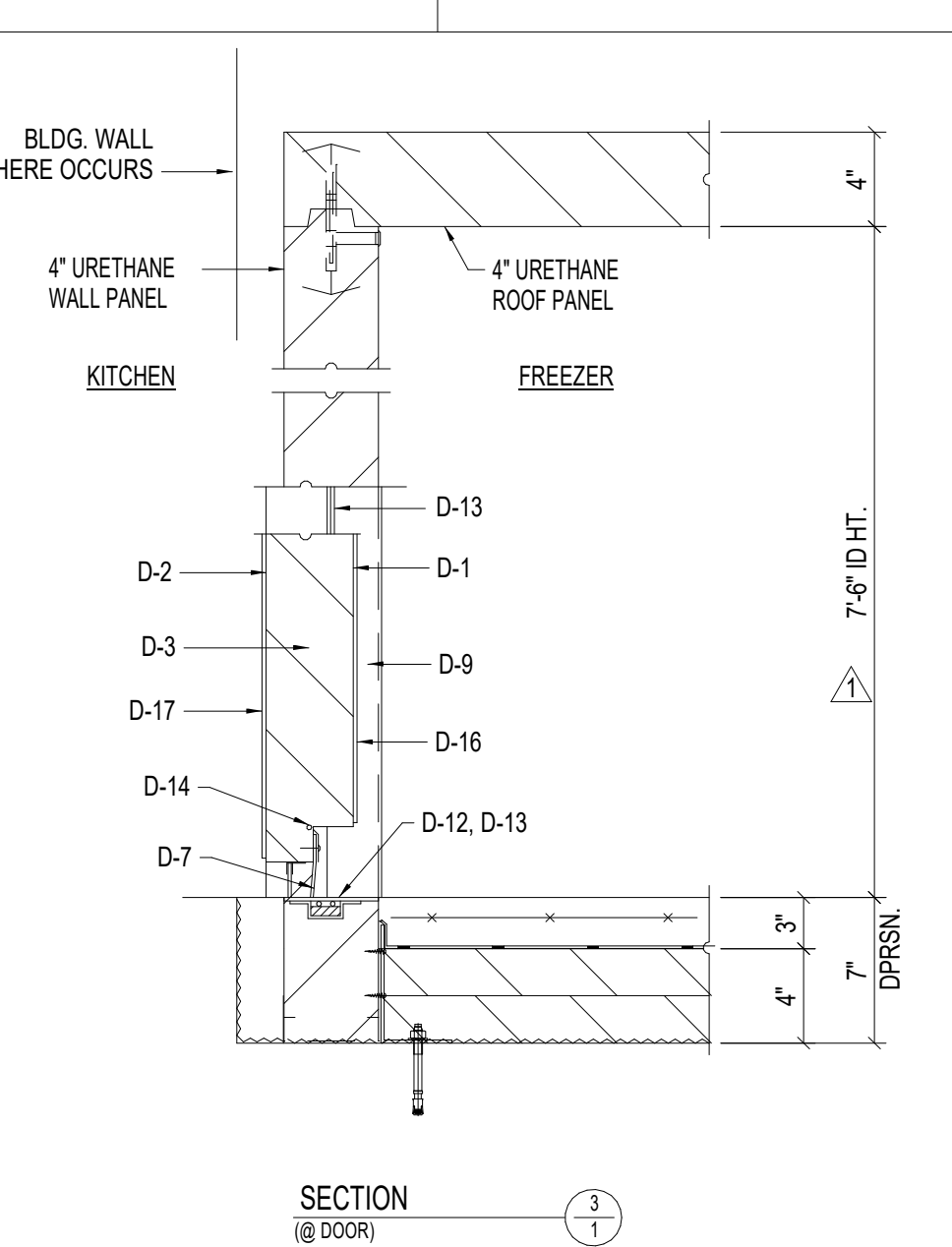
FREEZER SEISMIC ANCHOR PLATE DETAILS
SCALE 3/4" = 1'-0"



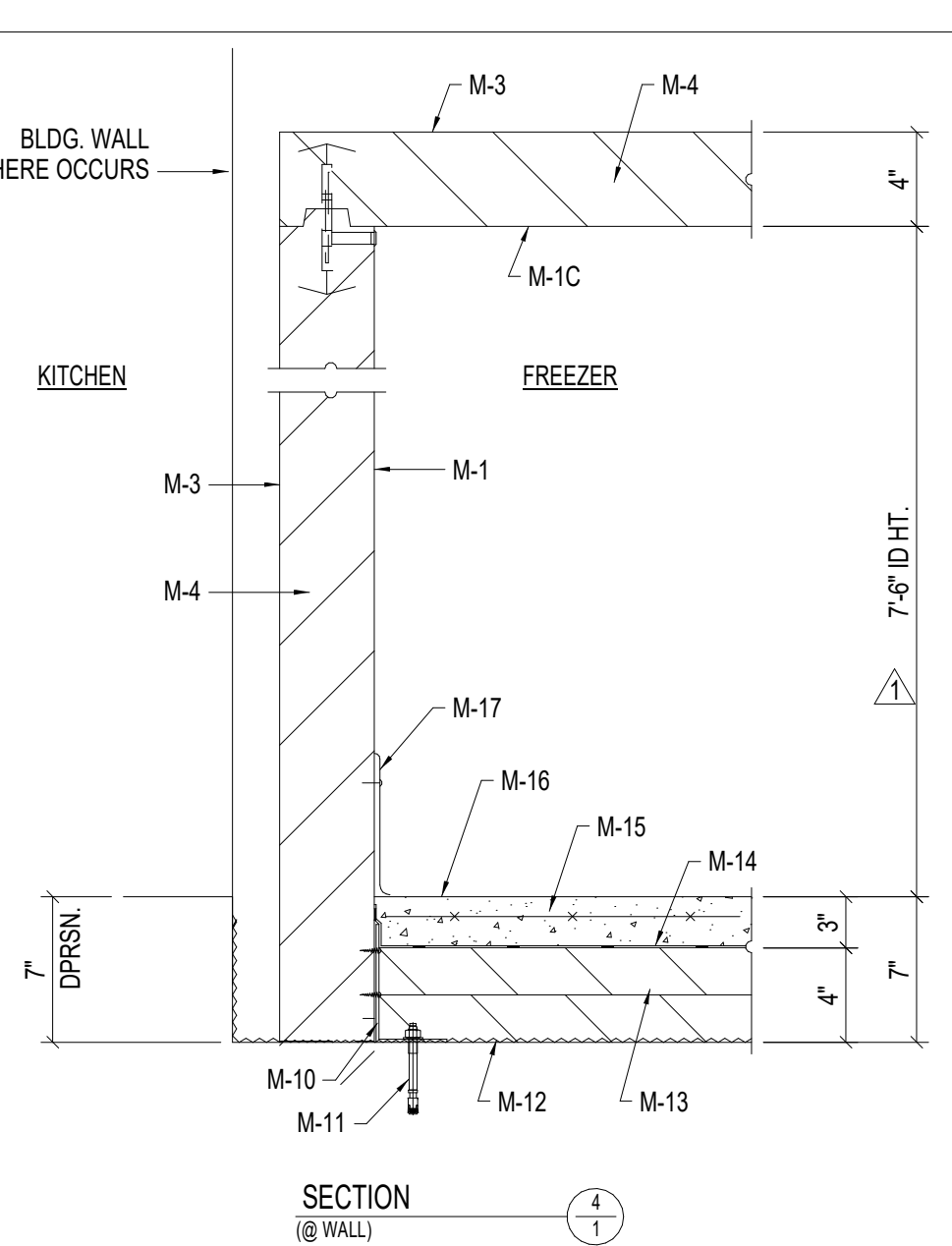
SECTION @ DOOR



SECTION @ WALL



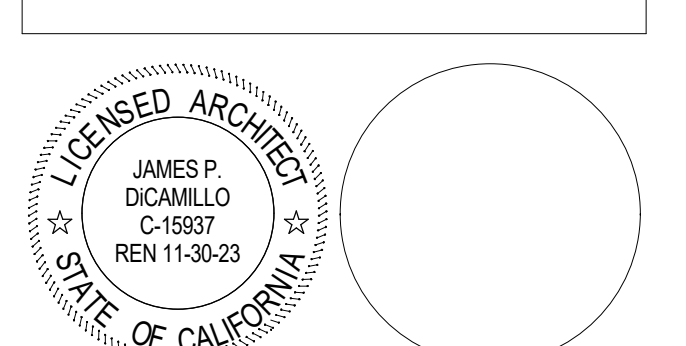
SECTION @ DOOR



SECTION @ WALL

APPROVAL NO. LA111-01-110
CLASS 1 - INSULATED PANEL

RMI AIRDYNE	DRAWING NO. 0322-08	DRAWN BY JL	DATE 03/24/22
ITEM #1-01 FREEZER ITEM #1-03 COOLER COMBO FOR: CHINO VALLEY USD CENTRAL WAREHOUSE CHINO, CA		CHECKED BY	SHEET 1 of 2
CONSULTANT: WEBB FOODSERVICE DESIGN		CHECKED BY	SCALE AS NOTED
Refrigerator Manufacturers, LLC.		APPROVED BY	W.D.#
17018 EDWARDS RD. CERRITOS, CALIFORNIA 90703 (562) 926-2006		REV. 04/13/22	REV.



NO	DATE	BY	DESCRIPTION
REVISIONS			

DRAWN: _____
DATE: 04/13/22 SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 1611701

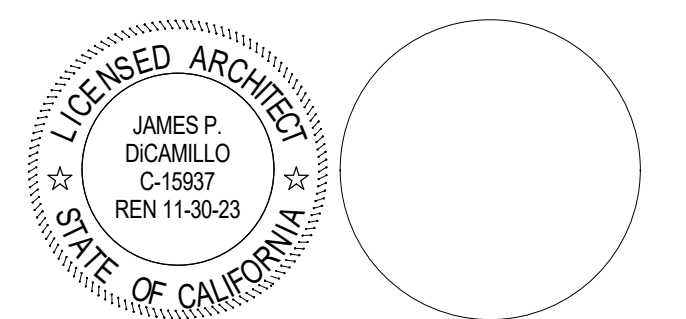
WALK-IN DETAILS

DRAWING NUMBER: **FS-202**



RANCHO CUCAMONGA
8163 ROCHESTER AVENUE, SUITE 100
RANCHO CUCAMONGA, CA 91730
909-987-0909 P

WALK-IN FREEZER & REFRIGERATOR REPLACEMENT
LITEL & OAK RIDGE ELEMENTARY SCHOOL
13435 EAGLE CANYON DR.
CHINO HILLS, CA 91709
CHINO VALLEY UNIFIED SCHOOL DISTRICT



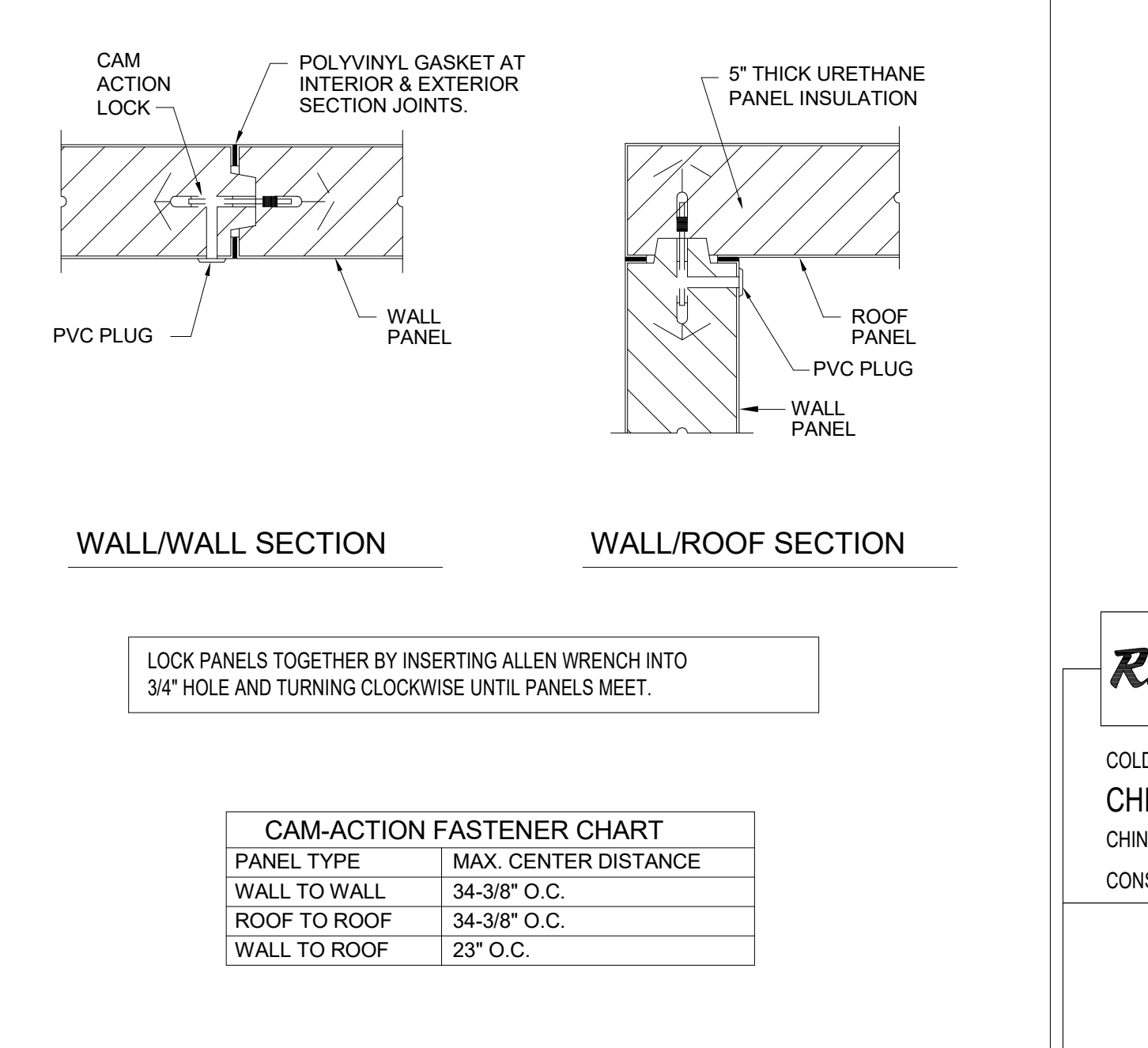
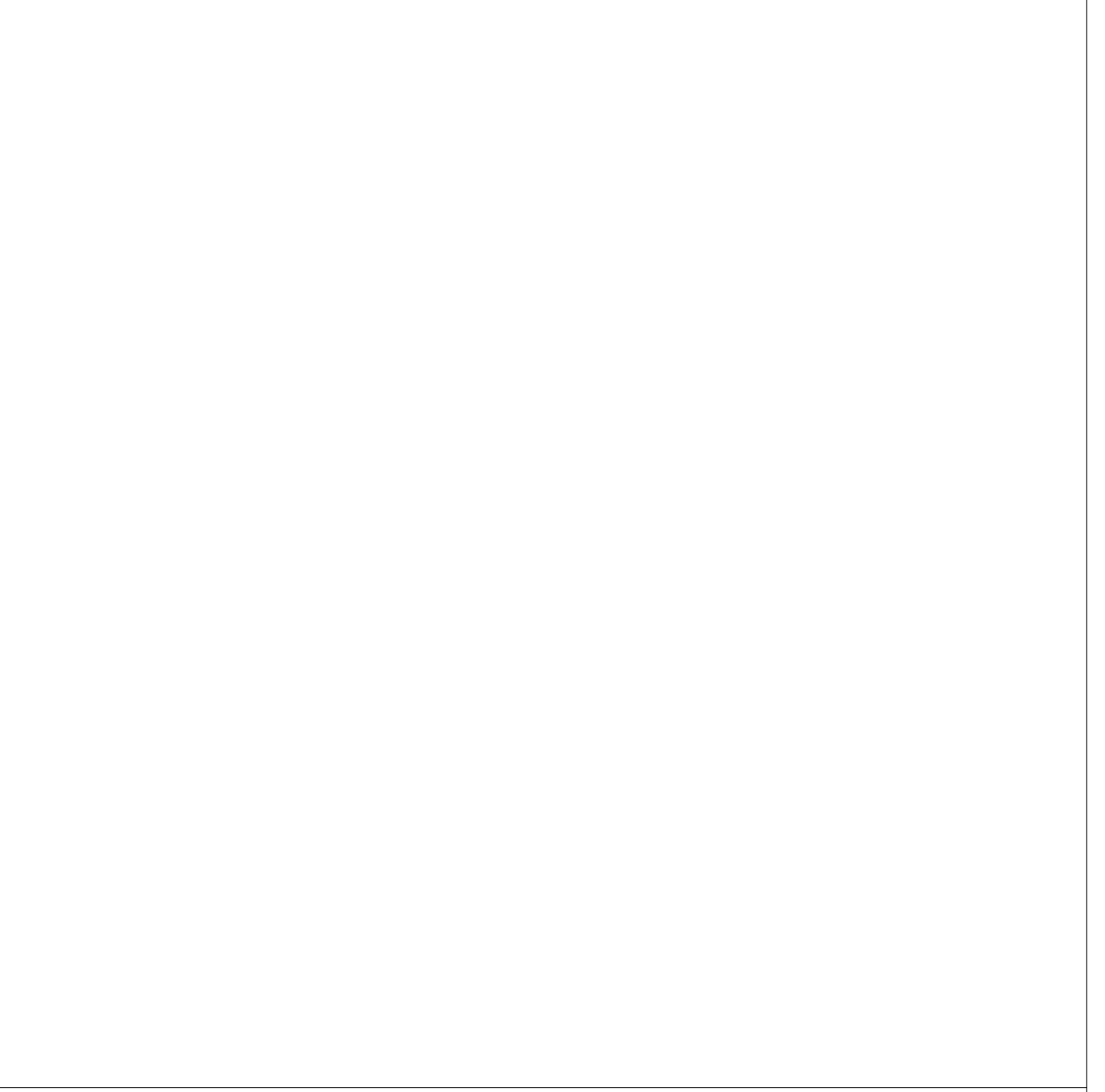
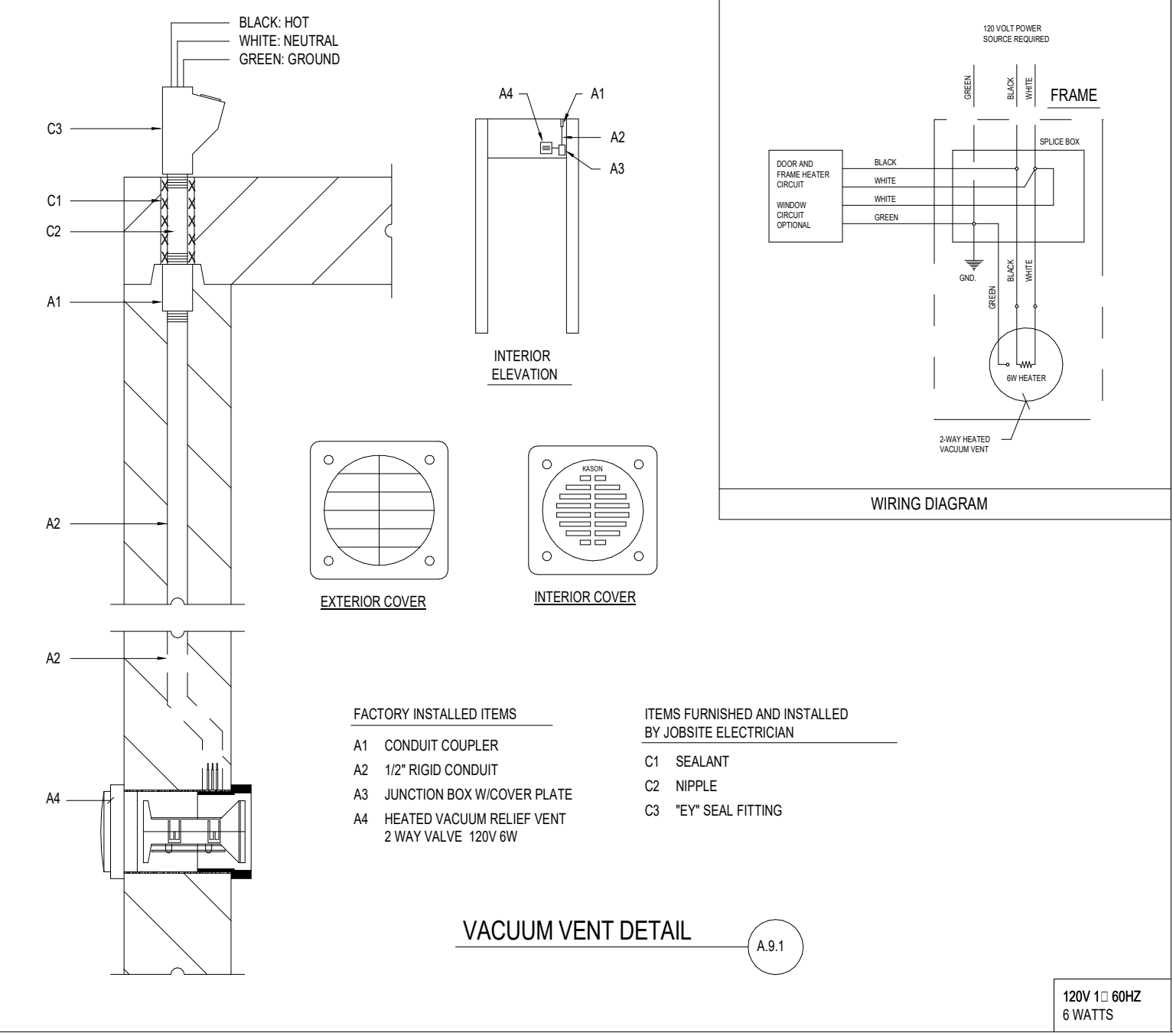
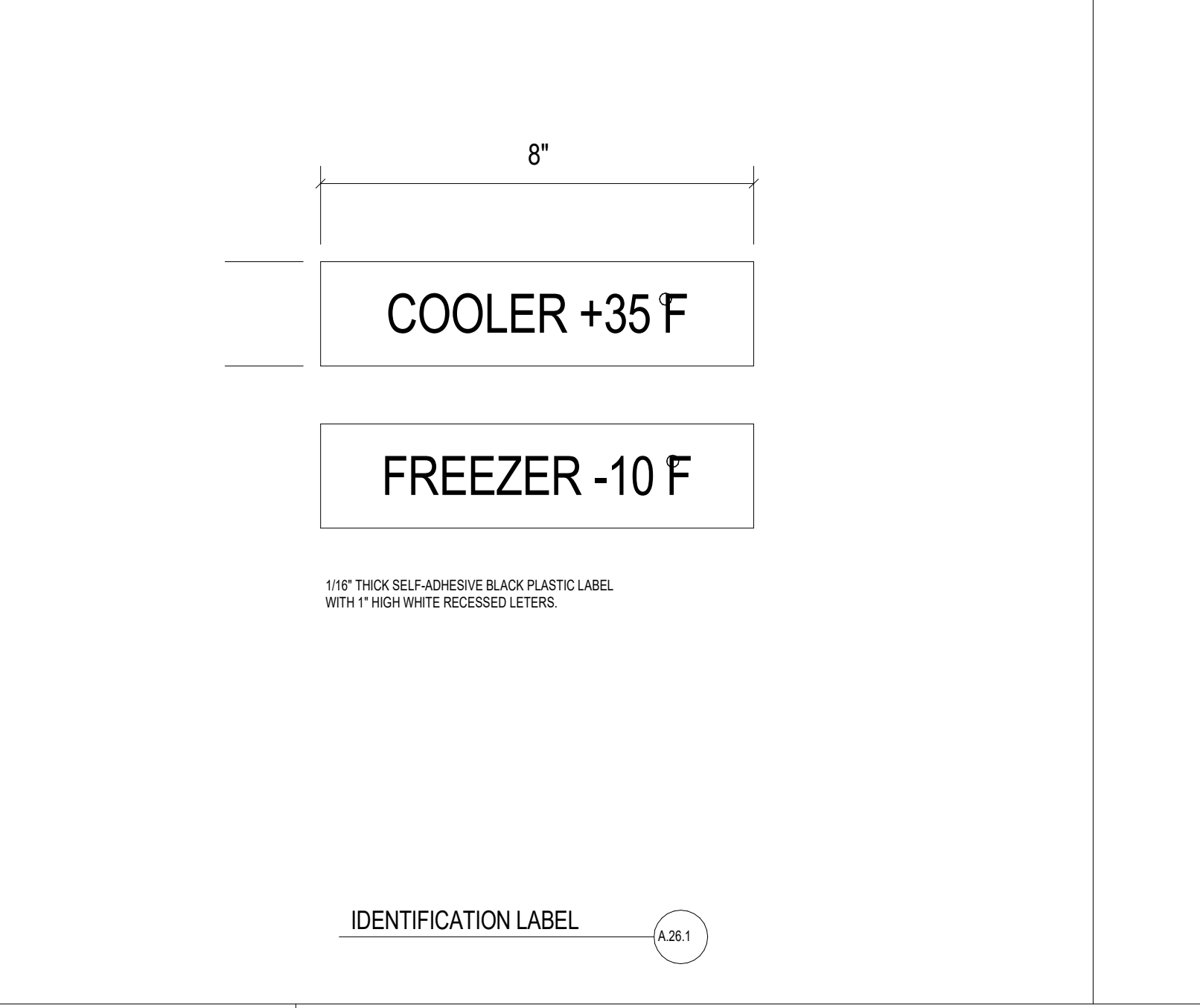
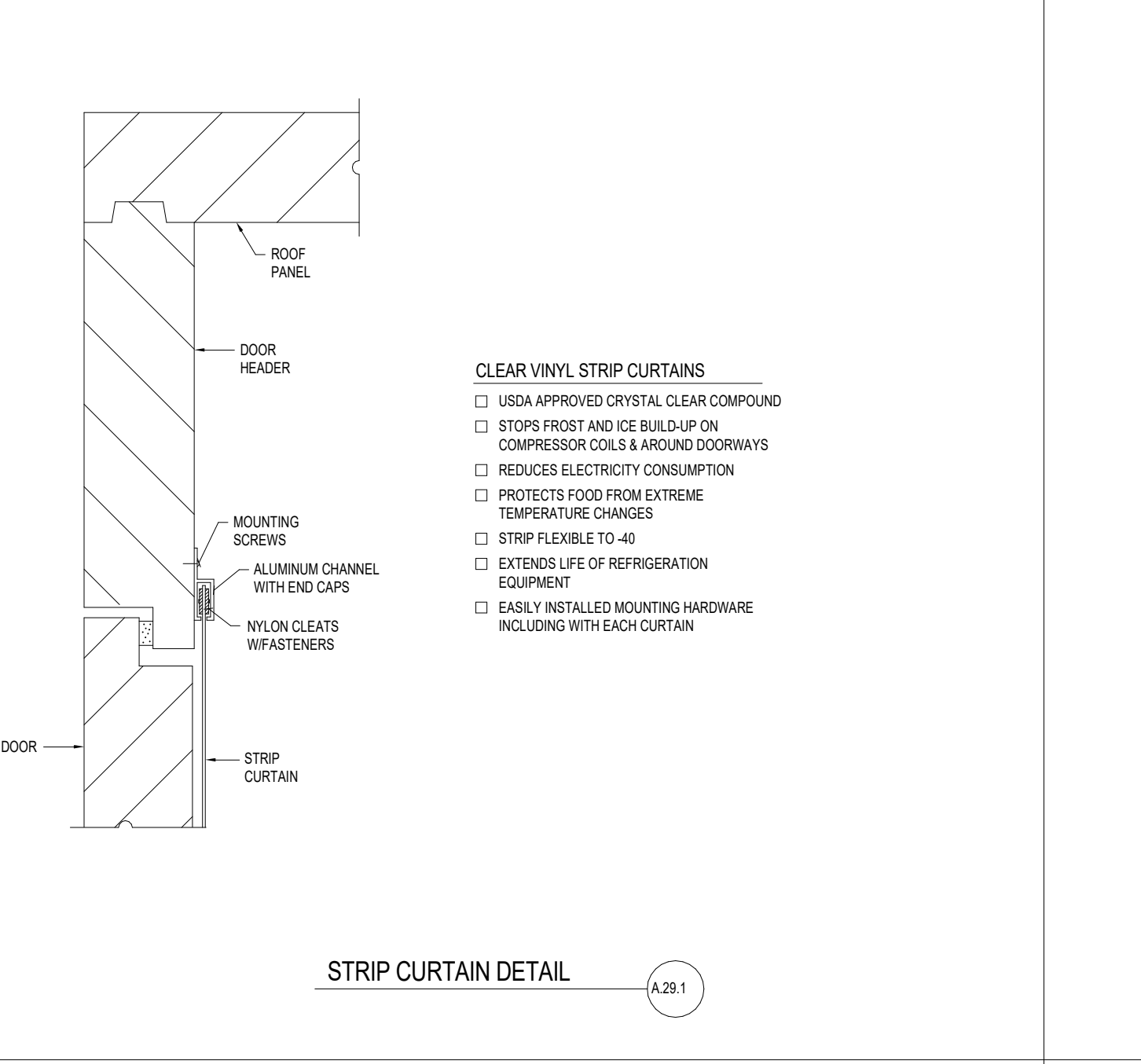
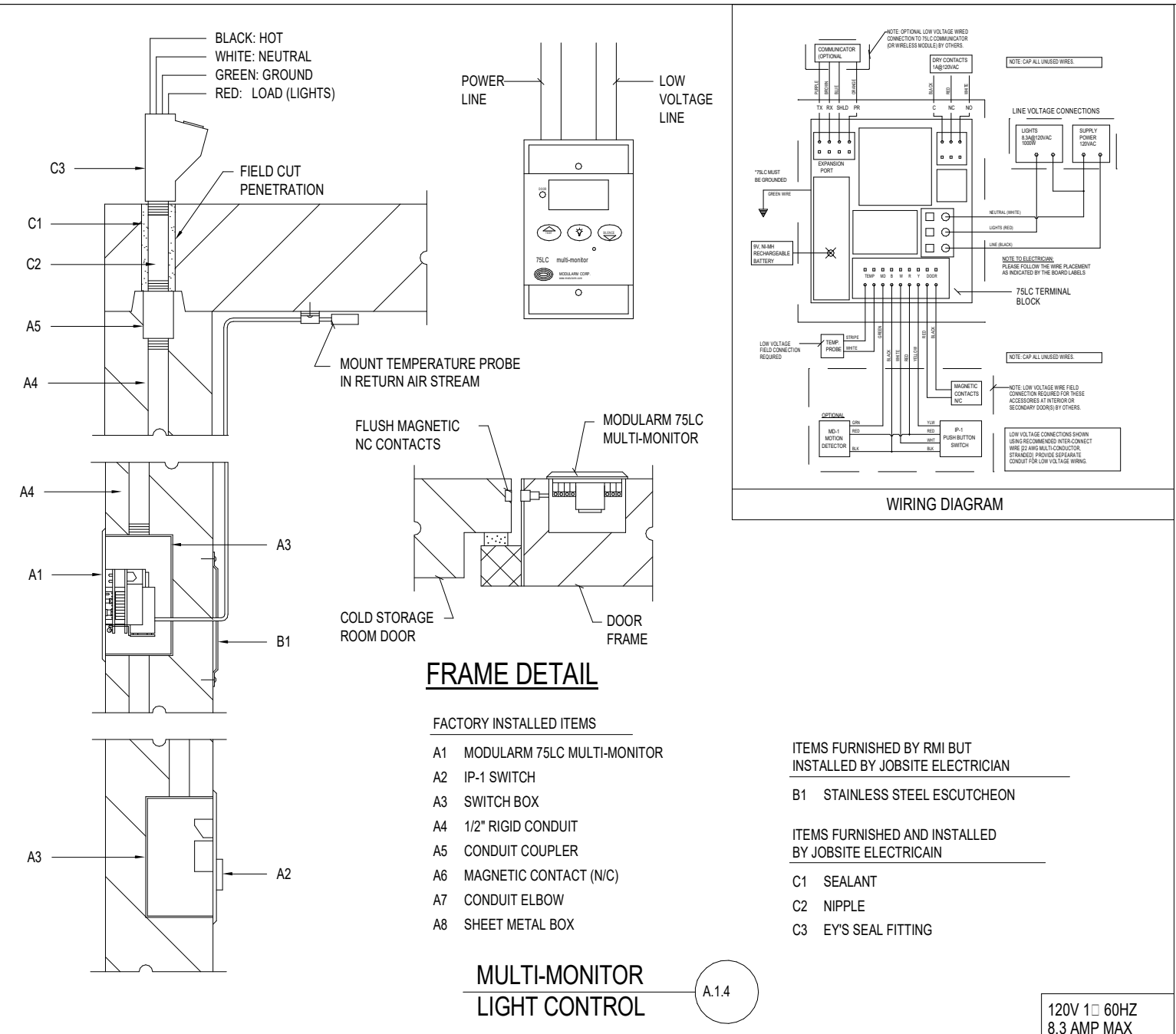
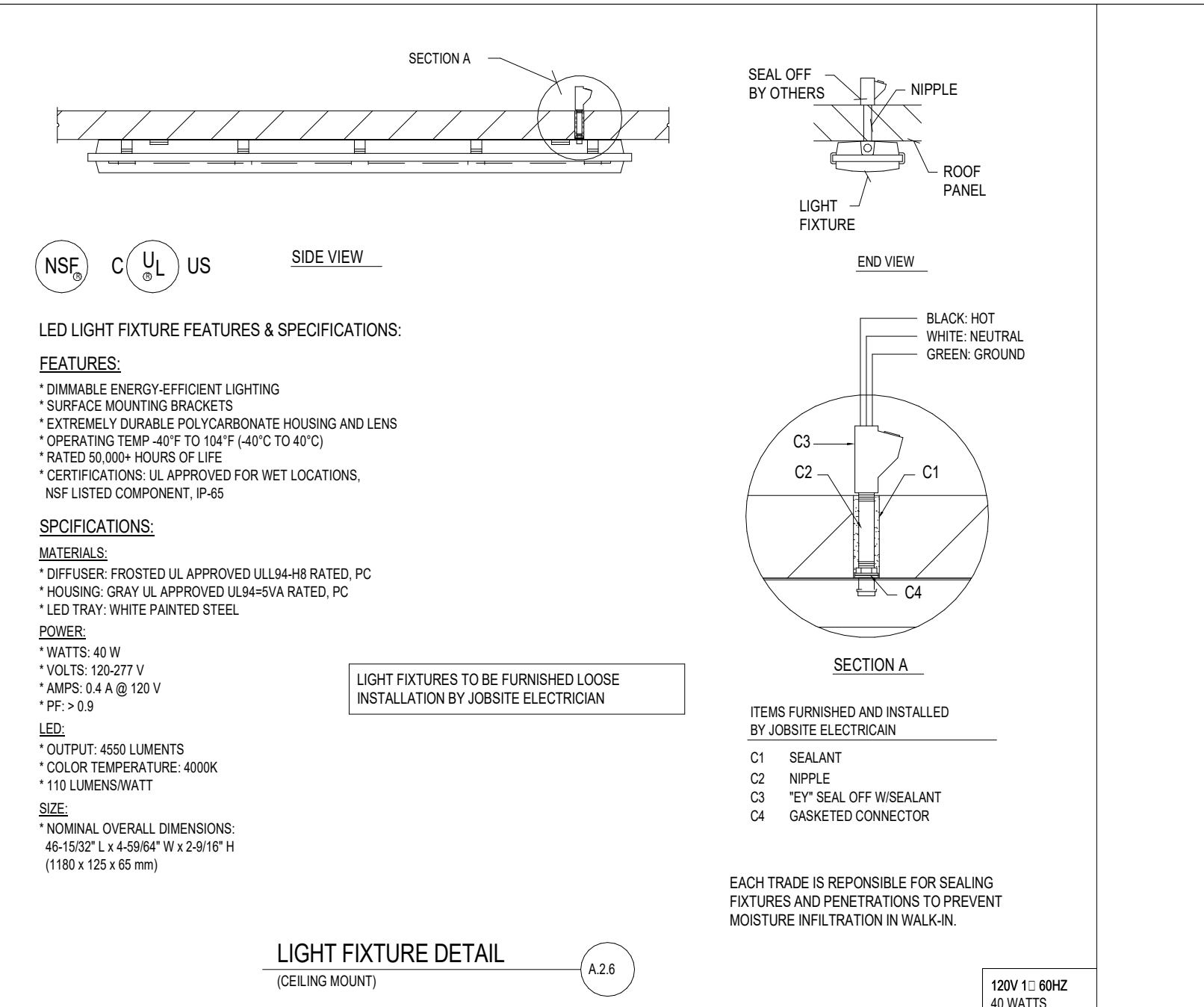
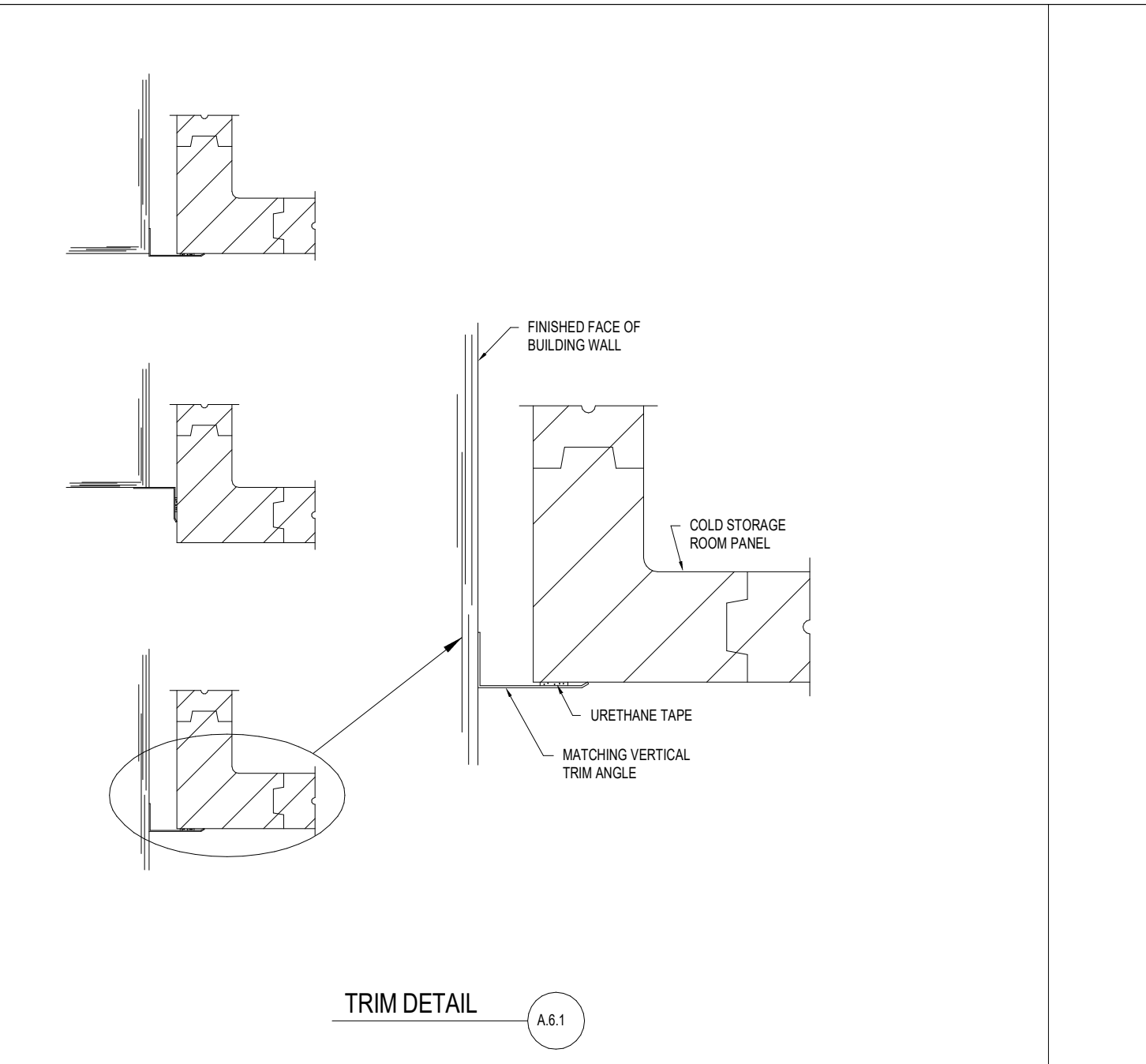
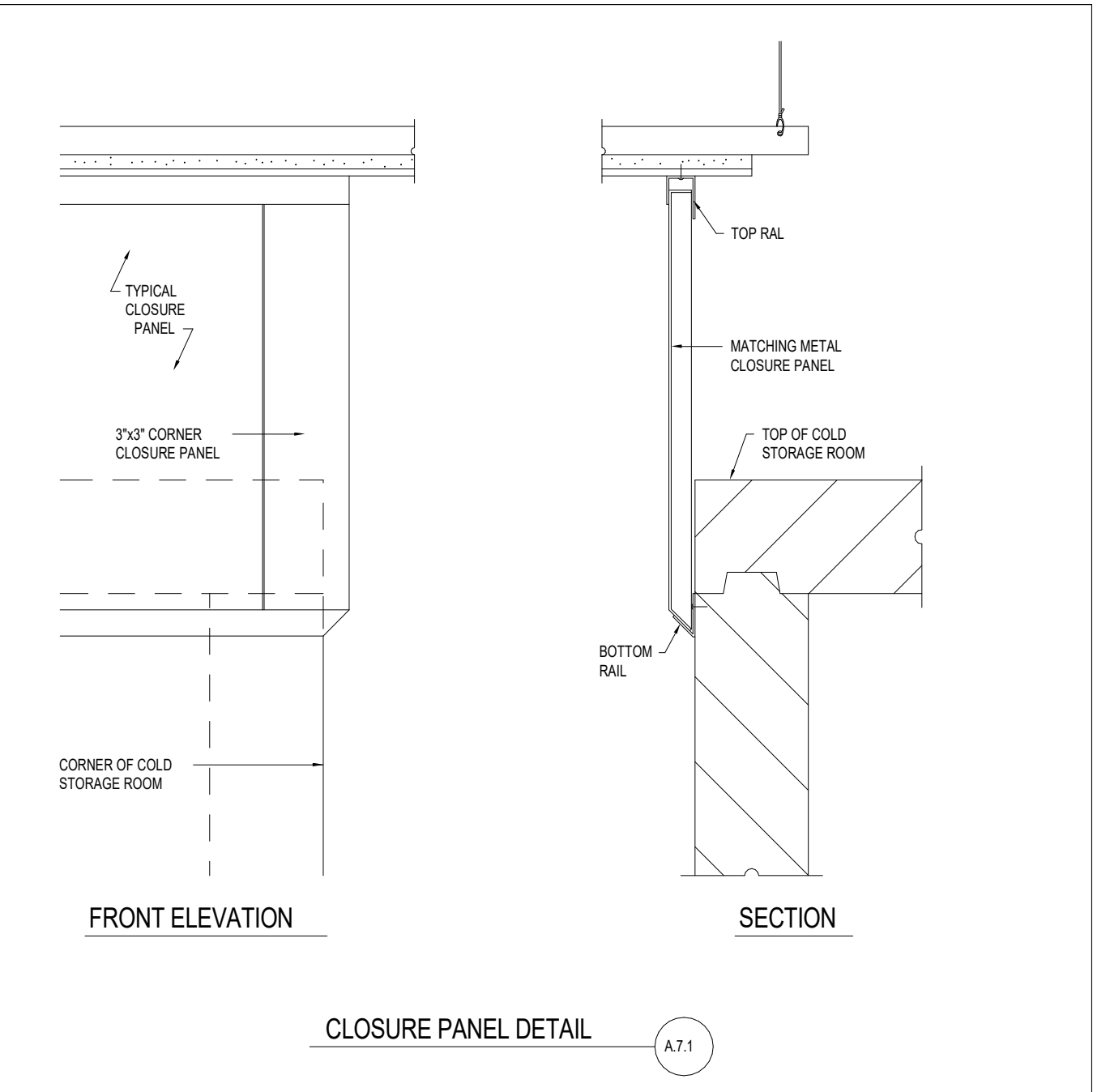
CONSULTANT
webb
1030 S. Lewis St., Anaheim, CA 92808
P 714.508.1880 www.webbfd.com

NO	DATE	BY	DESCRIPTION
#			REVISIONS

DRAWN:
DATE: 04/13/22 **SCALE:** 1/4" = 1'-0"
PROJECT NUMBER: 1611701

WALK-IN DETAILS

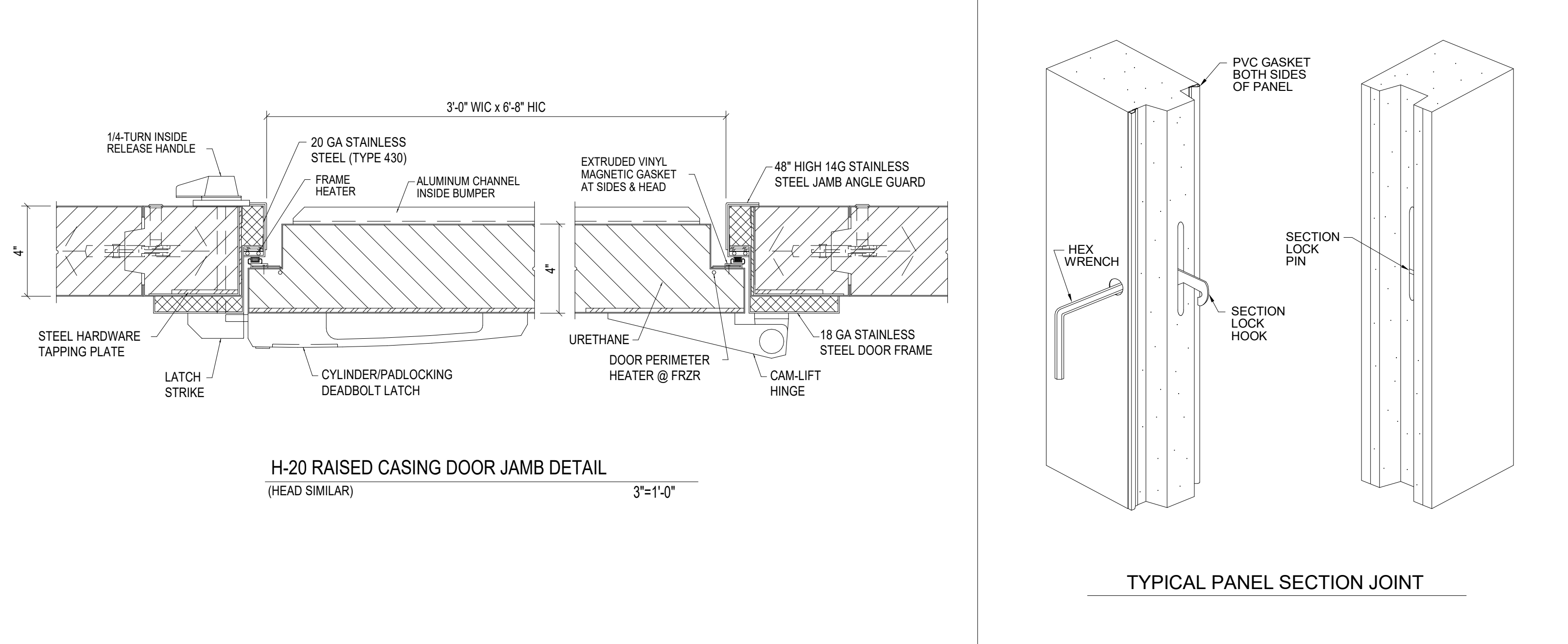
DRAWING NUMBER: FS-203



RMI AIRDYNE DRAWING NO: 0322-08

COLD STORAGE ROOM ACCESSORY DETAILS
CHINO VALLEY USD CENTRAL WAREHOUSE
CHINO, CA
CONSULTANT: WEBB FOODSERVICE DESIGN
Refrigerator Manufacturers, LLC
17019 EDWARDS ROAD
CERRITOS, CA 90703
(562) 926-2006

DRAWN	JL	DATE	03/24/22
CHECKED		SHEET	2 of 2
CHECKED		SCALE	AS NOTED
APPROVED		W.O.#	
REV	corr-mfg-0325/02-JL	REV	
REV		REV	
REV		REV	



ELECTRICAL SYMBOL LEGEND

- 1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.
2. DASHED ELECTRICAL EQUIPMENT GENERALLY INDICATES EXISTING EQUIPMENT.
3. LONG-SHORT-SHORT-LONG DASHING GENERALLY INDICATES MATCH LINE OR DEFINES AREA FOR SPECIAL NOTE.

CIRCUIT RELATED:

LIGHTING OR POWER CIRCUIT(S). ARROW INDICATES HOME RUN, LONGER TICK(S) INDICATE NEUTRAL WIRE(S), SHORTER STRAIGHT TICK(S) INDICATE PHASE WIRE(S), SLANTED SHORTER TICK(S) INDICATE SWITCH LEG(S), DOTS(S) INDICATE GROUNDING CONDUCTOR(S), DASHED WIRING (LONG-SHORT-LONG DASHES) INDICATES WIRING BELOW SLAB OR GRADE, DASHED WIRING (SERIES OF SHORT DASHES) INDICATES EXISTING WIRING, SLASH THROUGH ARROW INDICATES PARTIAL CIRCUIT, "D" ON HOMERUN ARROW INDICATES DEDICATED CIRCUIT, PROVIDE A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR FOR ENTIRE LENGTH OF CIRCUIT FROM PANEL TO OUTLET, COUNT EACH NEUTRAL AS CURRENT-CARRYING AND GROUP A MAXIMUM OF SIX THINWALL CONDUCTORS IN A SINGLE RACEWAY, GROUNDING CONDUCTOR IS NOT COUNTED.
NOTE: HOMERUN INDICATES INSTALLATION OF NEW WIRE AND CONDUIT (#12 WIRE, 3/4" UNLESS OTHERWISE NOTED) FROM SOURCE PANELBOARD TO LOAD, HOMERUN INDICATES CONNECTION OF NEW LOADS TO EXISTING CIRCUITS IN LIEU OF PANELBOARD WHERE NOTED ON PLANS.

- JUNCTION BOX
GROUNDING FIXTURE

LIGHTING:

LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, CROSS HATCHING INDICATES FIXTURE ON EMERGENCY SYSTEM, FOR SOLID CIRCLE WITHIN FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL.
STRIP TYPE LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE ATTACHED TO FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL.
LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL.
DESIGNATES FIXTURE ON EMERGENCY POWER. RE: LIGHTING PLAN NOTES AND FIXTURE SCHEDULE NOTES FOR ADDITIONAL INFORMATION.
WALL OR BRACKET MOUNTED FIXTURE OR DEVICE.
EXIT LIGHT FIXTURE. LETTER INDICATES TYPE, NUMBER INDICATES CIRCUIT, NUMBER AND LOCATION OF SHADED TRIANGLE SECTIONS INDICATE NUMBER OF EXIT SIGN FACES AND DIRECTION OF EACH FACE, PROVIDE CHEVRON DIRECTIONAL INDICATORS AS SHOWN ON DRAWINGS.

CONTROL:

SWITCH. SMALL LETTER INDICATES FIXTURES CONTROLLED, "P" INDICATES PILOT LIGHT, "WP" INDICATES WEATHERPROOF, "K" INDICATES KEY OPERATED, "MO" INDICATES SPDT MOMENTARY CONTACT, "Z" INDICATES DPDT, "3" INDICATES 3-WAY, "4" INDICATES 4-WAY, "M" INDICATES MANUAL MOTOR STARTER, CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER.
WALL BOX DIMMER SWITCH. "MARK" INDICATES WATTAGE IF OTHER THAN 600, "3D" INDICATES 3-WAY DIMMER.
MULTI-LEVEL SWITCH. CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER.
DIGITAL TIME SWITCH.
PHOTOELECTRIC CONTROL.
EMERGENCY POWER OFF (EPO) PUSHBUTTON.
PUSH BUTTON.
WALL MOUNT OCCUPANCY SENSOR.
WALL MOUNT OCCUPANCY SENSOR WITH DIMMING CONTROLS.
DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR.
CEILING MOUNTED RESTROOM OCCUPANCY SENSOR.
CEILING MOUNTED CORRIDOR OCCUPANCY SENSOR.
CEILING MOUNTED HIGH CEILING OCCUPANCY SENSOR.

POWER OUTLETS:

20A-125V DUPLEX RECEPTACLE.
20A-125V GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. "WP" INDICATES WEATHER PROOF DEVICE.
20A-125V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP. REFER TO ARCHITECT FOR EXACT HEIGHT ABOVE COUNTER.
20A-125V CONTROLLED DUPLEX RECEPTACLE.
20A-125V ISOLATED GROUND TYPE DUPLEX RECEPTACLE.
20A-125V DUPLEX TAMPER RESISTANT RECEPTACLE WITH (2) USB CHARGING PORTS.
20A-125V FOURPLEX RECEPTACLE. SAME SYMBOLOGY AS DUPLEX RECEPTACLE.
SPECIAL PURPOSE SINGLE POWER RECEPTACLE. RATED AS INDICATED (IF NO RATING INDICATED, RECEPTACLE RATINGS SHALL MATCH BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE AND SHALL MEET REQUIREMENTS OF EQUIPMENT BEING CONNECTED), "C" INDICATES CLOCK OUTLET.
20A-125V FLUSH FLOOR DUPLEX RECEPTACLE. 20A WHEN INDICATED OR IF BRANCH CIRCUIT SERVES ONLY SINGLE DUPLEX, PROVIDE CARPET FLANGE WHERE APPLICABLE.
CIRCUIT DESIGNATION NEXT TO RECEPTACLE DEVICES INDICATES BRANCH CIRCUIT NUMBER. SEE PANEL SCHEDULES FOR INFORMATION.

TELEPHONE/DATA:

FLUSH FLOOR TELEPHONE OUTLET WITH CARPET FLANGE WHERE APPLICABLE.
WALL COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS.
FLUSH FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE.
SURFACE FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE.

EQUIPMENT:

A NOTATION INDICATING THE MOUNTING HEIGHT OF A DEVICE AS MEASURED FROM FINISHED FLOOR OR GRADE TO CENTER LINE OF DEVICE.
MOTOR.
DISCONNECT SWITCH, FRAME SIZE/USE SIZE/POLES AS INDICATED, "NF" INDICATES NON-FUSIBLE, NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED, PROVIDE FUSED BUSWAY PLUG WHEN SWITCH IS INDICATED ON BUSWAY. ALL DISCONNECT SWITCHES SHALL BE 30NF/3 UNLESS OTHERWISE NOTED.
SINGLE CIRCUIT BREAKER IN INDIVIDUAL ENCLOSURE.
MAGNETIC MOTOR CONTROLLER, NUMBER INDICATES NEMA SIZE, STARTER NEMA SIZE SHALL BE "NEMA 1" UNLESS OTHERWISE NOTED.
COMBINATION DISCONNECT SWITCH / MOTOR CONTROLLER.
CONTACTOR.
PANELBOARD.
SWITCHBOARD / DP.
TRANSFORMER.
GROUNDING CONNECTION TO GROUNDING ELECTRODE AS DEFINED IN CEC ARTICLE 250.
BELL, "WP" INDICATED OUTDOOR RATED.

REMODEL:

EQUIPMENT WITH "E" ADJACENT IS EXISTING TO REMAIN.
EXISTING EQUIPMENT WITH "R" ADJACENT IS TO BE COMPLETELY DISCONNECTED AND REMOVED.
EXISTING EQUIPMENT WITH "RR" ADJACENT IS TO BE DISCONNECTED, REMOVED AND RELOCATED TO NEW LOCATION AND RECONNECTED AS REQUIRED.
EQUIPMENT WITH "ER" ADJACENT IS RELOCATED EQUIPMENT SHOWN IN NEW LOCATION.
NO TAG INDICATES NEW EQUIPMENT.
CIRCUIT DESIGNATION WITH PREFIX "E" DENOTES EXISTING CIRCUIT AND EQUIPMENT IS TO REMAIN.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VISIT THE SITE INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND BY SUBMITTING A BID, ACCEPTS THE CONDITIONS UNDER WHICH HE SHALL BE REQUIRED TO PERFORM HIS WORK.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS AND ADDENDA (DRAWINGS AND SPECIFICATIONS) HE SHALL CHECK THE CONTRACT DOCUMENTS OF THE OTHER TRADES AND DETERMINE HIS RESPONSIBILITIES. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM COMPLETING ALL RESPONSIBLE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SECURE AND PAY FOR ALL PERMITS, FEES, CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES.
4. ALL ELECTRICAL WORK REFERENCED HEREIN SHALL BE COORDINATED WITH OTHER TRADES AND SITE CONDITIONS. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE CONTRACT DOCUMENTS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. PROVIDE TEMPORARY POWER FACILITIES AND CONNECTIONS FOR ALL FEEDERS, BRANCH CIRCUITS OR SIGNAL AND COMMUNICATIONS SYSTEMS BEING DISCONNECTED IN ORDER TO MAINTAIN SYSTEMS IN OPERATION.
6. ALL INTERRUPTION OF ELECTRICAL POWER SHALL BE KEPT TO A MINIMUM, HOWEVER WHEN AN INTERRUPTION IS NECESSARY, THE SHUTDOWN MUST BE COORDINATED WITH THE OWNER AND ENGINEER 14 DAYS PRIOR TO THE OUTAGE AND OVERTIME PAY SHALL BE INCLUDED IN THE CONTRACTOR'S BID. WORK IN EXISTING SWITCHBOARDS OR PANEL BOARDS SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVING ACCESS PANELS OR DOORS.
7. AFTER ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS HAVE BEEN FULLY COMPLETED, REPRESENTATIVES OF THE OWNERS WILL INSPECT THE WORK. THE CONTRACTOR SHALL PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM TO THE FULL SATISFACTION OF EACH REPRESENTATIVE. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE OWNER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH REPRESENTATIVE.
8. FURNISH A ONE YEAR WRITTEN GUARANTEE OF MATERIALS AND WORKMANSHIP FROM THE DATE OF PUNCH LIST COMPLETION.
9. ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTOR.
10. EXACT METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN CONCRETE OR MASONRY WALLS, GRADEBEAMS, FLOORS OR STRUCTURAL STEEL MEMBER SHALL BE AS DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SAWCUTTING, PATCHING, AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING OF THE PARTICULAR WALL, FLOOR OR CEILING EXACT METHOD AND LOCATION OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS SHALL BE UL APPROVED.
11. FINAL CONNECTIONS TO VIBRATING EQUIPMENT AND AT SEISMIC SEPARATIONS SHALL BE FLEXIBLE STEEL CONDUIT IN DRY INTERIOR LOCATIONS, AND LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN AREAS EXPOSED TO WEATHER, DAMP LOCATIONS, CONNECTIONS TO TRANSFORMER ENCLOSURES, AND FINAL CONNECTIONS TO MOTORS.
12. EQUIPMENT OUTLETS, LIGHTING FIXTURES, CONDUIT, WIRE AND CONNECTION METHODS IN HVAC AIR-PLenums SHALL BE APPROVED FOR USE IN PLENUMS AND SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.
13. ROUTE EXPOSED CONDUIT AND CONDUIT ABOVE ACCESSIBLE CEILING SPACES PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING, ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.
14. CONDUIT SHALL NOT BE INSTALLED IN ANY FLOOR SLAB. CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED WALLS, OR 24" MINIMUM BELOW SLAB ON GRADE UNLESS NOTED OTHERWISE.
15. LOCATE ELECTRICAL EQUIPMENT AND BOXES IN ACCESSIBLE CEILING SPACE OR PROVIDE AN ACCESS PANEL FOR INACCESSIBLE CEILING SPACES. ACCESS DOORS SHALL BE A MINIMUM DIMENSION OF 24" X 24" ACCESS DOOR LOCATIONS SHALL SUIT ACCESSIBILITY AND CONSTRUCTION CONDITIONS. ACCESS DOORS SHALL HAVE A FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.
16. COORDINATE REQUIRED ACCESS DOORS IN NON-ACCESSIBLE CEILING TO SUIT FIELD CONDITIONS, THE EXACT SIZES AND PHYSICAL LOCATIONS SHALL SUIT ACCESSIBILITY AND CONSTRUCTION CONDITIONS. ACCESS DOORS SHALL BE PROVIDED IN OTHER SECTIONS OF THE SPECIFICATIONS. ACCESS DOORS SHALL HAVE A FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.
17. WHENEVER A DISCREPANCY OF ANY SYSTEM AND/OR EQUIPMENT ARISES ON THE CONTRACT DOCUMENTS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ARCHITECT/ENGINEER.
18. STRAIGHT FEEDER BRANCH CIRCUIT AND CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS.
19. PANEL SCHEDULES SHALL BE REVISED TO REFLECT FINAL ROOM NAMES AND NUMBERS USING OWNER'S ROOM NAMES AND NUMBERS DESIGNATIONS. CONTRACTOR TO PROVIDE FINAL PANEL SCHEDULE TO EOR AT COMPLETION OF PROJECT.
20. WHERE OUTLETS OCCUR AT TACKLEABLE WALL PANELS OR OTHER WALL FINISHES, PROVIDE EXTENSION RINGS AS REQUIRED SO THAT NO SPACE WILL EXIST BETWEEN DEVICE PLATE AND BACKBOX PER CALIFORNIA ELECTRICAL CODE 314.20 SEE ARCHITECTURAL ELEVATIONS FOR WALL FINISHES AND LOCATIONS.
21. COORDINATE LOCATIONS OF ALL SEISMIC SEPARATIONS.

UTILITY PENETRATIONS NOTE

UTILITY PENETRATIONS OF ANY KIND IN FIRE AND SMOKE PARTITIONS AND CEILING ASSEMBLIES SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED UL LISTED SYSTEM OR MATERIAL.
STEEL ELECTRICAL OUTLET BOXES WHICH DO NOT EXCEED 16 SQUARE INCHES IN AREA, NEED NOT BE PROTECTED IN ONE HOUR OR TWO HOUR FIRE RATED WALLS, PARTITIONS, CEILING, OR AREA SEPARATION UNLESS THEY:
1. OCCUR ON OPPOSITE SIDES OF THE WALL WITHIN 24 INCH HORIZONTAL DISTANCE OF ONE ANOTHER IN THIS CASE, ONLY ONE OUTLET BOX NEEDS TO BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL OR DETAIL TO CORRECT THIS CONDITION.
2. OCCUR IN COMBINATION WITH OUTLET BOXES OF ANY SIZE SUCH THAT THE AGGREGATE AREA OF UNPROTECTED OUTLET BOXES EXCEEDS 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL AREA IN THIS CASE, ONLY A SUFFICIENT NUMBER OF OUTLET BOXES NEED TO BE PROTECTED BY AN APPROVED MATERIAL OR DETAIL TO DECREASE THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES TO LESS THAN 100 SQUARE FEET OF WALL.

STEEL ELECTRICAL OUTLET BOXES WHICH EXCEED 16 SQUARE INCHES IN AREA, AND ALL OTHER STEEL UTILITY OUTLET BOXES REGARDLESS OF SIZE, SHALL BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL AS LISTED OR EQUAL.

FIRESTOPPING MATERIAL:
MPP-1 MOLDABLE PUTTY PADS
3M CONTRACTOR PRODUCTS MINNEAPOLIS
MIN 3M TEST REPORT NO. 1167 DATED AUGUST 21, 1987
FSP FIRESTOP PUTTY PADS HEVI-DUTY NELSON PRODUCTS TULSA, OK

STEEL UTILITY BOXES WHICH EXCEED 100 SQUARE INCHES IN AREA SHALL BE PROTECTED BY ENCASEMENT.

UTILITY AND ELECTRICAL OUTLETS OR BOXES SHALL BE SECURELY FASTENED TO THE STUD FRAMING OF THE WALL, PARTITION OR CEILING ASSEMBLY. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE GYPSUM BOARD DOES NOT EXCEED 1/8 INCH IN SMOKE WALLS OR PARTITIONS, THE 1/8 INCH CLEARANCE SHALL BE FILLED WITH AN APPROVED FIRE-RATED SEALANT.

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020 *
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR *
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2019 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1 (CSA B44) SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)
NOTE: CALIFORNIA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

EQUIPMENT ANCHORAGE NOTES

MEP COMPONENT ANCHORAGE NOTES:
ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.8 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30:

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED TO (OR HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRIC, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220V VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- 1. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
2. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUND PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTION 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-PROVIDED INSTALLATION GUIDE (E.G., OSHPO OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO START OF AND DURING THE HANGING AND BRACING OF DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):
MP [] MD [] PP [] E [X] OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES & DETAILS.
MP [] MD [] PP [] E [] OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPO PRE-APPROVAL (OPM #) # _____

DRAWING INDEX

Table with 2 columns: Drawing ID (E0.0, E0.1) and Description (ELECTRICAL SYMBOLS AND ABBREVIATIONS, ELECTRICAL FLOOR PLANS)

DIAGRAMMATIC NOTE

DRAWINGS ARE DIAGRAMMATIC AND DO NOT INDICATE DETAILED CONDUIT ROUTING OR LENGTHS REQUIRED FOR COMPLETE INSTALLATION. ROUTING OF RACEWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR BUT SHALL BE IN STRICT COMPLIANCE WITH STRUCTURAL REQUIREMENTS, CONTRACT DOCUMENTS AND SPECS UNLESS OTHERWISE NOTED. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES. DO NOT SCALE THE ELECTRICAL DRAWINGS FOR LOCATIONS OF AN ELECTRICAL, ARCHITECTURAL, STRUCTURAL AND/OR MECHANICAL ITEMS OR FEATURES. REFER TO ARCHITECTURAL AND STRUCTURAL CONTRACT DOCUMENTS FOR FEATURES. REFER TO ARCHITECTURAL AND STRUCTURAL CONTRACT DOCUMENTS FOR DIMENSIONS.

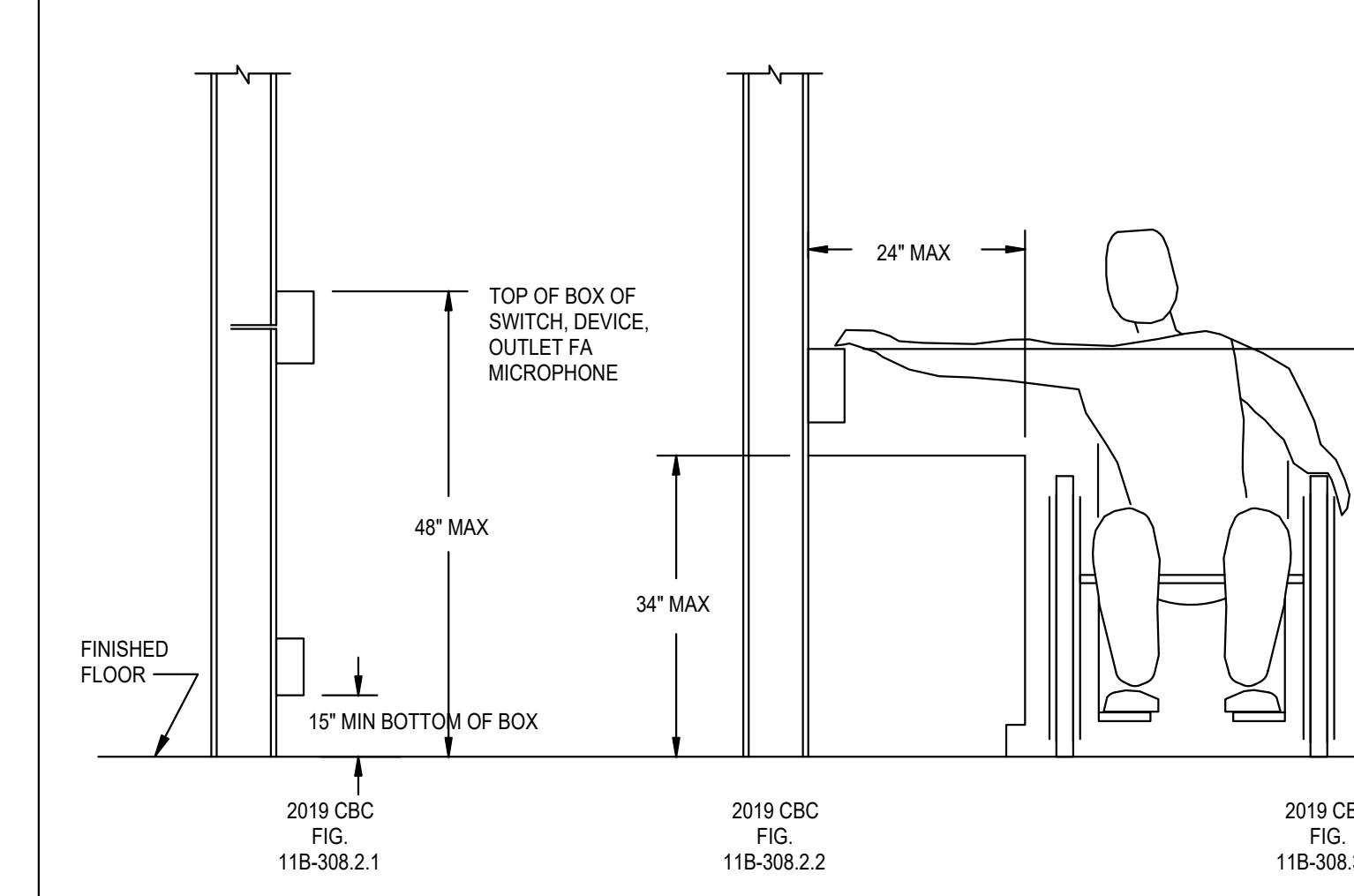
DEVICE LOCATIONS NOTE

THE LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS, DETAILS, OR SECTIONS PRIOR TO INSTALLATION. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE RECESSED IN WALLS UNLESS OTHERWISE NOTED. OUTLETS NOT INDICATED ON ARCHITECTURAL ELEVATIONS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN, UNLESS OTHERWISE NOTED. ELECTRICAL DEVICES SHALL BE MOUNTED PER ACCESSIBLE DEVICE MOUNTING HEIGHT DETAIL.
COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT SUPPLY POWER AND MAKE CONNECTION TO MOTORS AND EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AS INDICATED ON THE SINGLE LINE DIAGRAM, ELECTRICAL DRAWINGS, AND DRAWINGS OF OTHER TRADES. REVIEW THE DRAWINGS OF OTHER TRADES FOR CONTROL DIAGRAMS, SIZE AND LOCATION OF EQUIPMENT, DISCONNECT SWITCHES, STARTERS, WIRING, CONTROLS, AND CONDUIT FOR MECHANICAL AND PLUMBING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGHING IN ALL CONDUIT TO THIS EQUIPMENT.

STRUCTURAL NOTE

UNLESS SPECIFICALLY SHOWN ON THESE PLANS, STRUCTURAL MEMBERS SHALL NOT BE CUT, DRILLED, OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.

MOUNTING OVER OBSTRUCTION DETAIL



NOTE:
1. THIS DETAIL APPLIES TO MOUNTING OF ANY MECHANICAL AND ELECTRICAL DEVICE WHICH CONTAINS AN OPERABLE PART THAT IS ADJUSTABLE BY THE OCCUPANT. THIS DOES NOT APPLY TO SENSORS OR CONTROLS THAT ARE ONLY ADJUSTABLE THROUGH THE BUILDING AUTOMATION SYSTEM (IE: TEMPERATURE AND HUMIDITY SENSORS).

UL LISTINGS NOTE

ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL) AND BEAR THEIR LABEL OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY.
ALL EQUIPMENT/DEVICES INSTALLED RECESSED IN FIRE RATED CEILING OR WALLS SHALL BE ENCLOSED WITH AN APPROVED UL LISTED ENCLOSURE CARRYING THE SAME FIRE RATING AS THE CEILING OR WALL.



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Table with 4 columns: NO, DATE, BY, DESCRIPTION. Includes a REVISIONS section.

DRAWN: PVT CHECKED: PVT
DATE: SCALE: AS NOTED
PROJECT NUMBER: 1611701

ELECTRICAL SYMBOLS AND ABBREVIATIONS

DRAWING NUMBER: E0.0

GENERAL NOTES

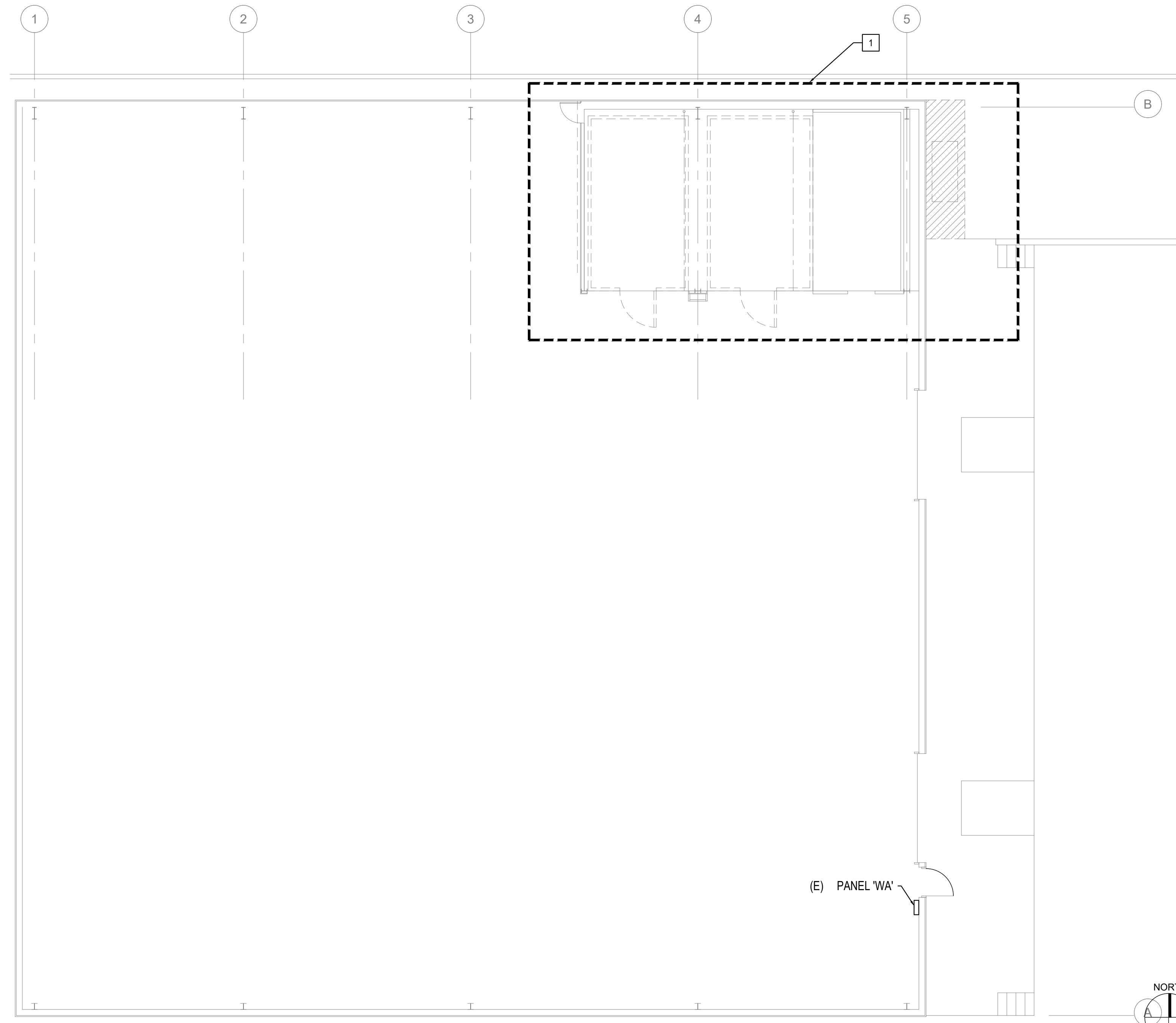
- REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE NEW CIRCUITS AS REQUIRED PER FOOD SERVICE DRAWINGS.
- CONTRACTOR TO UPDATE PANEL DIRECTORY AND AS-BUILT AS REQUIRED. ANY UNUSED CIRCUITS SHALL BE LABELED AS 'SPARE IN PANEL'.
- ALL BRANCH CIRCUITS SHALL HAVE GREEN GROUNDING CONDUCTOR, MINIMUM SIZE PER CEC TABLE 250.122.

DEMOLITION KEY NOTES

- EXISTING FREEZER, COOLER, AND COMPRESSOR TO BE REPLACED WITH NEW. DOCUMENT EXISTING CIRCUITS PRIOR TO DEMOLITION. RE-USE WHERE POSSIBLE. REFER TO FOOD SERVICE 'FS' DRAWINGS AND NEW FLOOR PLAN ON SHEET 2/E0.01.

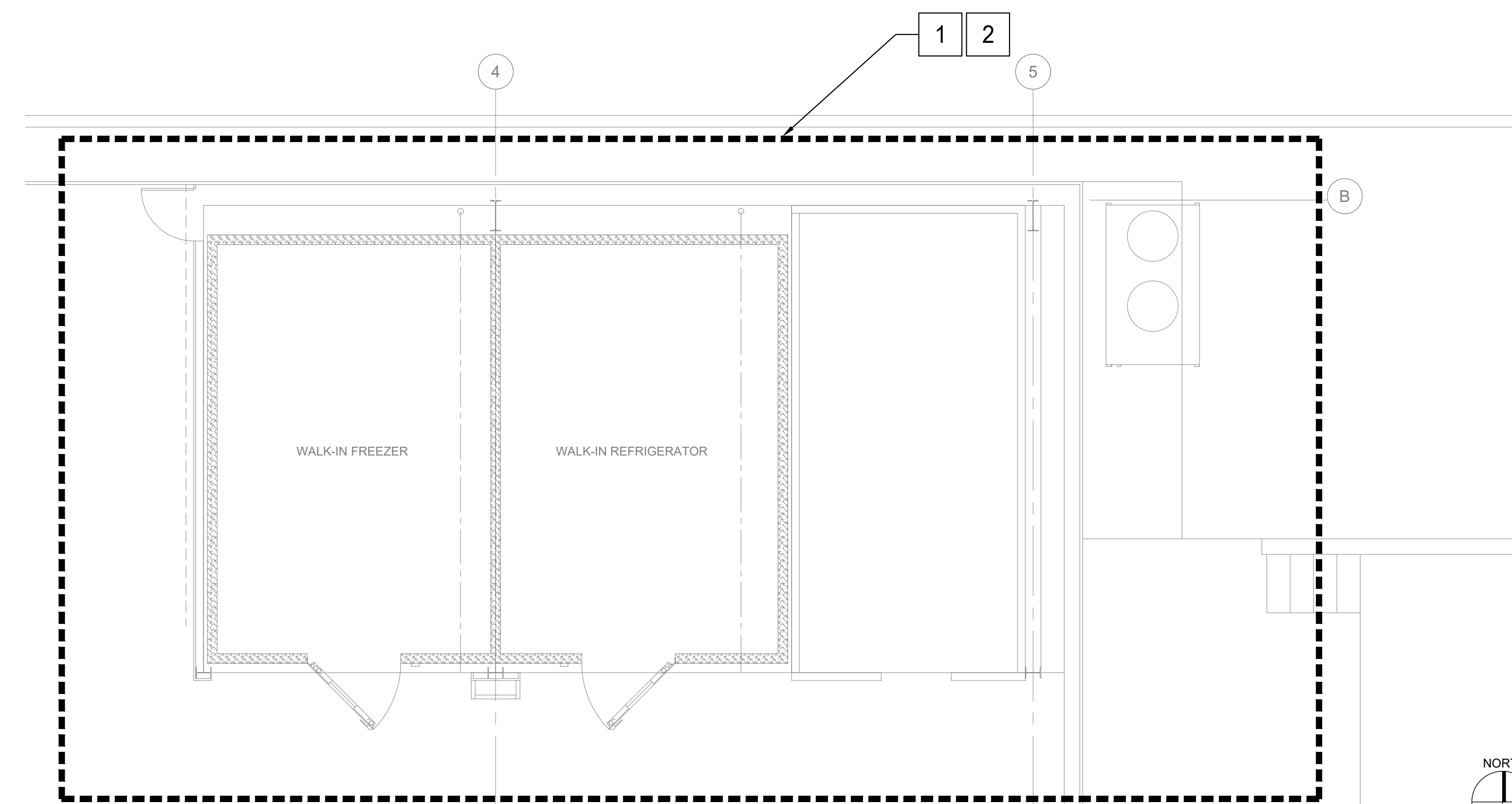
NEW PLAN KEY NOTES

- NEW WALK-IN FREEZER AND COOLER WITH SINGLE POINT CONNECTION. REPLACE EXISTING BREAKER IN PANEL 'WA' WITH NEW 50A/3P BREAKER AND ROUTE #10 THHN-CU IN 1" C. ROUTE CIRCUIT THRU NEW NEMA-3R, 60AMP DISCONNECT WITH 50AMP FUSES AS PER FOOD SERVICE DETAIL A/R1 ON SHEET FS-201.
- REPLACE EXISTING BREAKER IN PANEL 'WA' WITH NEW 30A/2P BREAKER AND ROUTE #10 THHN-CU IN EXISTING CONDUIT FOR POWER TO NEW WALK-IN-FREEZER CONTROL WIRING. PROVIDE NEW 30AMP FUSED DISCONNECT IN NEMA-3R ENCLOSURE AS PER DETAIL E/R1 ON SHEET FS-201.



FLOOR PLAN - DEMOLITION

1/8" = 1'-0" 1



FLOOR PLAN - NEW

1/4" = 1'-0" 2

PANEL: WA		EXISTING														FED FROM:					
LOCATION: FIRST FLOOR				VOLTAGE/PHASE: 208Y/120V, 3Ø, 4W												RATING:					
MOUNTING: SURFACE				BUS AMPS: 225A																	
NEMA: 1				MAIN BREAKER: M.C.B.																	
LOADS	SEE NOTE	LTG	REC	MISC	A	B	C	CKT	BK/FV POLE	ABC	BK/FV POLE	CKT	A	B	C	LTG	REC	MISC	SEE NOTE	LOADS	
WAREHOUSE	3							1	20/1	~	20/1	2	1,000							3	WAREHOUSE
WAREHOUSE	3				1,200			3	20/1	~	20/1	4	1,000	1,000						3	WAREHOUSE
WAREHOUSE	3							5	20/1	~	20/1	6			1,000					3	WAREHOUSE
OFFICE, TOILET	3				480			7	20/1	~	20/1	8	1,200							3	WAREHOUSE
WAREHOUSE	3				720			9	20/1	~	20/1	10		1,200						3	EXTERIOR
OFFICE, TOILET	3						540	11	20/1	~	20/1	12			1,500					3	EXTERIOR NL
CHARGER	3				3,600			13	30/1	~	20/1	14	720							3	SIGNAL CABT
CHARGER	3				3,600			15	30/1	~	20/1	16	1,800							3	REFRIG & FREEZER
FREEZER CONT	3						1,500	17	20/1	~	20/1	18			1,000					3	DOOR HTR
SUMP PUMP	3				700			19	20/3	~	20/1	20	552							3	UH-15 & UH-16
-	3				700			21	/3	~	20/1	22			1,500					3	SPARE
-	3						700	23	/3	~	20/1	24			1,500					2	REFRIG CONT
WIF/WIC SYSTEM	1				4,498			25	50/3	~	30/2	26	2,250							1	FREEZER CONTROL
-	1				4,498			27	/3	~	/2	28	2,250							1	-
-	1				4,498			29	/3	~	-	30								3	SPACE
AC-1	3				1,040			31	30/2	~	20/3	32								2	SPACE
-	3				1,040			33	/2	~	/3	34								2	-
AC CONTROL	3						500	35	20/1	~	/3	36								2	-
SPARE	3							37	20/1	~	100/3	38								3	PANEL WAA
WAREHOUSE	3						540	39	20/1	~	/3	40								3	-
WAREHOUSE	3						1,100	41	20/1	~	/3	42								3	-

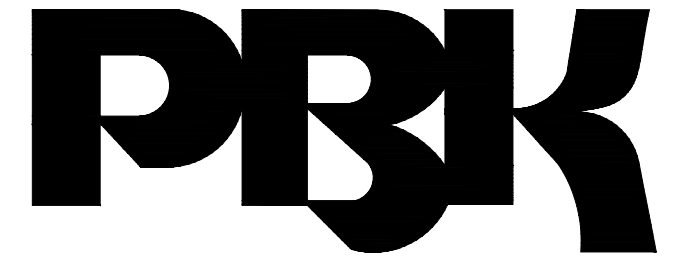
PANEL SCHEDULE

N.T.S. 3

NOTES:
 1. NEW CIRCUIT BREAKER TO MATCH EXISTING SIZE, TYPE, AND AIC RATING
 2. LOAD UPDATED
 3. EXISTING TO REMAIN

TOTAL 0A = 16,940 VOLT-AMPS 141 AMPS
 TOTAL 0B = 20,048 VOLT-AMPS 167 AMPS
 TOTAL 0C = 15,038 VOLT-AMPS 125 AMPS
 LCL = 0 VOLT-AMPS

TOTAL PANEL = 52,026 VA @ 208V, 3Ø = 144 AMPS



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NO	DATE	BY	DESCRIPTION
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ELECTRICAL FLOOR PLANS

DRAWING NUMBER: E0.1