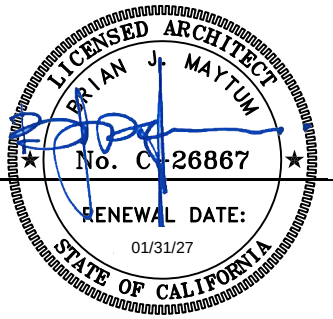


nacht&lewis

To all bidders for furnishing all labor and materials necessary and required for constructing the above referenced project. This Addendum has been prepared to clarify, modify, delete, or add to the original or previously modified Contract Documents for the above referenced project. Revisions to items listed here shall supersede description thereof prior to above date. All conditions not specifically referenced here shall remain the same. It is the obligation of the General Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of all Addenda by inserting the addendum number and date in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification. All addenda items refer to the Specifications and Drawings unless specifically noted otherwise.

SPECIFICATIONS

NONE

DRAWINGS

AD02.1 Sheet E121 – Electrical Site Diagrams
a. REPLACE sheet in its entirety
b. Updated schedule Panel PLMUG

AD02.2 Sheet E211 – Electrical Lighting Floor Plan
a. REPLACE sheet in its entirety
b. Updated routing to lighting in Staff Work Room 105
c. Updated routing to lighting in Kitchen Office 107

AD02.3 Sheet E212 – Electrical Floor Plan
a. REPLACE sheet in its entirety
b. Updated conduit of PLMUG-63
c. Added additional receptacles on the roof

AD02.4 Sheet E213 – Electrical Kitchen Floor Plan
a. REPLACE sheet in its entirety
b. Updated Food Service Equipment Schedule
c. Updated Exhaust Hood Schedule
d. Various changes to on floor plan.

AD02.5 Sheet E214 – Electrical Signal Floor Plan
a. REPLACE sheet in its entirety
b. Updated location of WAPs in Multipurpose 100.
c. Updated infrastructure to Clock/Speaker
d. Updated keynotes 9, 10 and 11.

BID RFI QUESTIONS

AD02.6 Bid Question

Q: What size cabinet for the IDF-MU, there are 3 listed on the spec sheet.

A: IDF-MU data cabinet will be OFCI. Mid Atlantic VWM Series; VWM-BPSD-4210-BW

AD02.7 Bid Question

Q: 3 Lockers appear in room 105, but the kitchen equipment schedule says to refer to a spec that doesn't exist. Shelving is specified, but the kitchen equipment plan calls out for the units in room 105 to be Metro style wire shelving which is totally different than the Lyon shelving specified in 10 67 00. Please advise.

A: For the shelving in Room 105, please use the Metro Style wire shelving as specified in the kitchen equipment.

AD02.8 Bid Question

Q: Please confirm there are no fire sprinkler work of any kind on this project

A: The building is not covered with traditional fire sprinklers. No new fire sprinkler work is included on this project. Fire suppression systems ae included as part of the kitchen hood equipment.

AD02.9 Bid Question

Q: Is any duct cleaning required?

A: No

AD02.10 Bid Question

Q: Will any temp heating and cooling equipment be required for this project?

A: No

AD02.11 Bid Question

Q: What is the preferred EMS vendor?

A: None

AD02.12 Bid Question

Q: What location can be used for the crane or lift staging area?

A: District will clarify area during construction.

AD02.13 Bid Question

Q: Will the exposed welded stainless seams need to be polished to match the #4 finish?

A: At the hood yes, for concealed ductwork, no.

AD02.14 Bid Question

Q: Who is responsible for providing the HVAC kitchen equipment?

A: District is responsible for providing OFCI kitchen equipment.

AD02.15 Bid Question

Q: Who is responsible for installing the HVAC kitchen equipment?

A: Contractor is responsible for receiving, installing, coordinating, and removal of debris and packaging of kitchen equipment.

AD02.16 Bid Question

Q: Will nonunion subcontractors be able to sign a one-time job agreement with the unions on this project.

A: All bidders must adhere to the provided PLA agreement between MDUSD and the Contra Costa Buildings Trade Council.

AD02.17 Bid Question

Q: Per keynote #19, it says part of the scope is to replace damaged hardware at the cabinets in this area but does not specify how much of the hardware should be assumed damaged and replaced. Can you please clarify how much is needed to be replaced?

A: Assume new hinges and pulls for 24 small cabinet door leaves.

AD02.18 Bid Question

Q: Is the wall mounted television to be provided by us or the owner? Are we installing the TV or is the Owner? What about the TV mount?

A: TV mount by Contractor, installation of mount and OFCI TV by contractor.

AD02.19 Bid Question

Q: Could you please clarify what the wall finish is at the Kitchen South Elevation (Detail 5), as the wall finish is not shown on the wall legend for this sheet?

A: RF

AD02.20 Bid Question

Q: Is the flooring are outside the dry food storage room and custodial room new flooring or existing flooring to remain?

A: All new flooring in the kitchen, and dry food storage. No new flooring in existing custodial room.

AD02.21 Bid Question

Q: Do we need to include new 1x trim at the top of all of the new FRL wall finishes even if the wall is existing or will we be able to use the existing trim as is?

A: All new trim at new FRL.

AD02.22 Bid Question

Q: Is there only interior ceiling wood framing at the new restroom? 1/S131 only shows it there but wanted to confirm.

A: A/S131 shows the partial ceiling framing plan. Ceiling framing at restroom 106.

AD02.23 Bid Question

Q: You only spec one manufacturer for the Urethane floor and FRP panels. Can you specify other manufacturers?

A: Contractor may propose alternate manufacturers under the substitution process in Division 0 & 1.

AD02.24 Bid Question

Q: Please provide a staging and any phasing plan for this project

A: There is no phasing plan at this time. The anticipation is that full site utilization will be provided to the awarded contractor. Should phasing of work be needed, it will be discussed during the procurement/submittal review time. Staging areas will also be discussed/approved at this time, to allow minimal disruption to the site while also allowing contractor efficiency to complete the work.

AD02.25 Bid Question

Q: Are existing items to be refurbished/relocated by other or by the GC?

A: Unless noted “by others”, contractor shall assume responsibility to any related work in order to complete scope.

AD02.26 Bid Question

Q: Will all accessories (faucets, drains, elbows, casters, door switches, etc.) on the OFCI items also be provided by the owner or GC?

A: All accessories that come packaged with OFCI items will be provided by District. Other items, like floor drains, are provided in the drawings as CFCI items.

AD02.27 Bid Question

Q: Will we need to quote new gas hoses for OFCI items, or reuse the existing?

A: Please include new hoses for any new gas operated OFCI items.

AD02.28 Bid Question

Q: Will Cold Zone remote refrigeration units remain in place?

A: No

AD02.29 Bid Question

Q: Can you please confirm there is no abatement or hazmat work of any kind on this project?

A: The district is undergoing a 3rd party inspection and will update the awarded bidder via ASI of any necessary abatement scope as needed. The contractor must be able to address these conditions, should they arise.

AD02.30 Bid Question

Q: Can you please provide a specification for the epoxy flooring on the project?

A: Refer to 09 67 00 Urethane Cement Flooring System as provided for flooring noted as Epoxy on finish plan.

List of Attachments

AD02-1	**Sheet E121**
AD02-2	**Sheet E211**
AD02-3	**Sheet E212**
AD02-4	**Sheet E213**
AD02-5	**Sheet E214**

End of Addendum No. 2

PANEL PLMUG

SECTION	1 OF 1	BUS RATING:	400 AMP
SERVING	NORMAL	X MAIN BREAKER:	
LOCATION:	RM	MOUNTING:	FLUSH	MAIN LUGS ONLY	
PANEL A.I.C.	42,000	X	SURFACE	FED-THRU LUGS	

THREE PHASE	VOLTAGE
4-WIRE	208/120Y

LOAD DESCRIPTION	KVA LOAD CONT.	RECP.	MOTOR	NON	C. B. AMP	POLE	CKT #	PH	CKT #	C. B. POLE	C. B. AMP	KVA LOAD CONT.	RECP.	MOTOR	NON	LOAD DESCRIPTION
AIR CURTAIN - E1			0.41		20	1	1	A	2	2	20				1.80	COMBI OVEN - E2
FIRE SYSTEM - E3				0.60	20	1	3	B	4	-	-				1.80	-
SPARE					20	1	5	C	6							(shunt trip)
MOBILE WARMING CABINET - E5				1.70	20	1	7	A	8	2	20				1.80	COMBI OVEN - E2
SPARE					20	1	9	B	10	-	-				1.80	-
MILK COOLER/COLD WELL - E11/E12				0.40	20	1	11	C	12							(shunt trip)
MILK COOLER/COLD WELL - E11/E12				0.40	20	1	13	A	14	2	20				1.80	COMBI OVEN - E2
RANGE - E4				0.12	20	1	15	B	16	-	-				1.80	-
(shunt trip)							17	C	18							(shunt trip)
LOAD CENTER - E10				5.60	60	3	19	A	20	2	20				1.80	COMBI OVEN - E2
-				5.60	-	-	21	B	22	-	-				1.80	-
-				5.60	-	-	23	C	24							(shunt trip)
RECEPTACLES					20	1	25	A	26	1	20					EM LIGHTING
RECEPTACLES					20	1	27	B	28	1	PFB					SPACE
RECEPTACLES					20	1	29	C	30	1	PFB					SPACE
RECEPTACLES					20	1	31	A	32	1	PFB					SPACE
MIXER - E14			0.96		20	1	33	B	34	1	15				0.20	WALK-IN FREEZER BOX - E6
CASHIER STATION - E15		0.36			20	1	35	C	36	1	PFB					SPACE
LIGHTING					20	1	37	A	38	1	PFB					SPACE
FAPS-MU/VAB-MU					20	1	39	B	40	2	15				1.80	WALK-IN FREEZER COIL - E7
SPARE					20	1	41	C	42	-	-				1.80	-
AC-100A			10.74			3	43	A	44	1	15				0.20	WALK-IN REF. BOX - E8
-			10.74			-	45	B	46	1	PFB					SPACE
-			10.74			-	47	C	48	1	PFB					SPACE
AC-100B			10.74			3	49	A	50						0.20	WALK-IN REF. COIL - E9
-			10.74			-	51	B	52	3	50			2.90		REMOTE REFRIGERATION - E13
-			10.74			-	53	C	54	-				2.90		-
AC-110			5.09			3	55	A	56					2.90		-
-			5.09			-	57	B	58							HTC-1
-			5.09			-	59	C	60	1	20					FA PANELS
ROOF RECEPTACLES		0.36			20	1	61	A	62	1	15					EXHAUST HOOD - H2
ROOF RECEPTACLES		0.36			20	1	63	B	64	1	20		0.18			RECEPTACLE
RECEPTACLES		0.36			20	1	65	C	66	1	20				0.40	MILK COOLER - E11
EF RECEPTACLE		0.36			20		67	A	68	1	20					SPARE
SALAD BAR - E12.1				0.66	20	1	69	B	70	1	20					SPARE
MOBILE WARMING CABINET - E15				1.70	20	1	71	C	72	1	20					SPARE
(shunt trip)							73	A	74	1	20					SPARE
SPACE					PFB	1	75	B	76	1	20					SPARE
SPACE					PFB	1	77	C	78	1	20					SPARE
SPACE					PFB	1	79	A	80	1	20					SPARE
SPACE					PFB	1	81	B	82	1	20					SPARE
SPACE					PFB	1	83	C	84	1	20					SPARE
TOTALS ——>	0.00	1.80	81.08	22.38								0.00	0.18	8.70	19.00	<—— TOTALS

TOTAL CONTINUOUS LOAD @ 125%:	0.00 KVA
TOTAL RECEPTACLE LOAD, 100% FOR FIRST 10KVA, & 50% FOR REMAINDER:	1.98 KVA
TOTAL NONCONTINUOUS LOAD:	41.38 KVA
TOTAL MOTOR LOAD:	89.78 KVA
LARGEST MOTOR @ 25%: 0 KVA	0.00 KVA

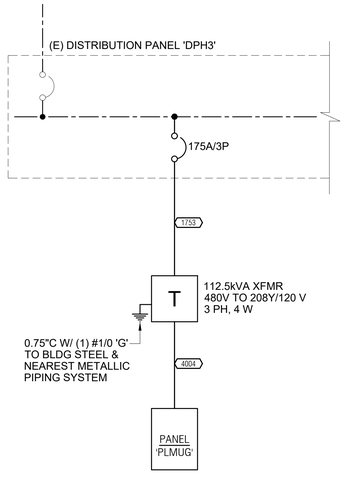
TOTAL DEMAND LOAD: 133.14 KVA	CONNECTED KVA TOTAL/PHASE	A	B	C	MINIMUM FEEDER CAPACITY 133.14 KVA 369.56 AMP
		45.90	47.15	40.09	

COPPER FEEDER SCHEDULE

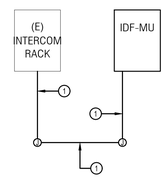
FEEDER TAG	FEEDER DESCRIPTION	CONDUIT	CONDUCTORS PHASE/NEUTRAL	CONDUCTORS GROUND	NOTES
4004	400 AMP, 3 PHASE, 4 WIRE	2-2.50"	2 SETS OF 4 #4/0 AWG	1 #2 AWG PER SET	PVC-SCH80 OK
1753	175 AMP, 3 PHASE, 3 WIRE	1-2.00"	3 #2/0 AWG	1 #6 AWG	PVC-SCH80 OK

FEEDER SCHEDULE GENERAL NOTES:

1. CONDUCTORS AND CONDUITS SHOWN IN THIS SCHEDULE ARE BASED ON COPPER CONDUCTORS WITH THHN/THWN-2 INSULATION.
2. FEEDERS CONSISTING OF MULTIPLE SETS OF CONDUCTORS AND CONDUITS ARE TO BE PROVIDED WITH THE INDICATED SIZE GROUND CONDUCTOR IN EACH CONDUIT.
3. DO NOT PROVIDE GROUNDED CONDUCTOR FOR SERVICE ENTRANCE FEEDERS.

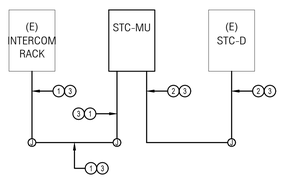


6 ONE-LINE DIAGRAM
SCALE: NONE



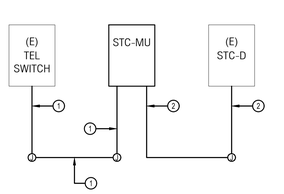
1 3.00"C-1F.

5 SITE DATA COMMUNICATIONS DIAGRAM
SCALE: NONE



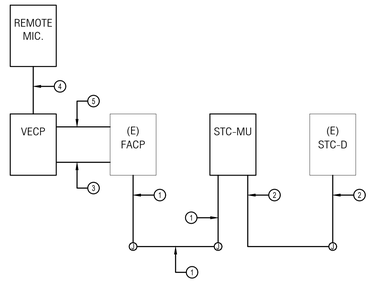
1 2.00"C-24BX,2CX,6EX. 3 2.00"MT.
2 2.00"C-12BX,1CX,3EX.

3 SITE SIGNAL DIAGRAM
SCALE: NONE



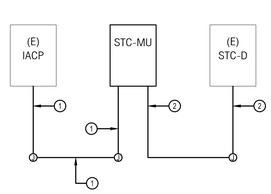
1 2.00"C-2L.
2 2.00"C-1L.

4 SITE TELEPHONE DIAGRAM
SCALE: NONE



1 2.00"C-1IX,1TX. 3 2.00"C-1IX,1TX. 5 0.75"C-2#12, 1#12G. (120V CKT)
2 2.00"C-1IX,2NX. 4 2.00"C-1IX,1SX.

1 SITE FIRE ALARM DIAGRAM
SCALE: NONE



1 2.00"C-4GX.
2 2.00"C-2GX.

2 SITE INTRUSION ALARM DIAGRAM
SCALE: NONE

AGENCY APPROVAL

EL DORADO MIDDLE SCHOOL
MULTI-PURPOSE BUILDING UPGRADES
1750 WEST ST, CONCORD, CA 94521

MT. DIABLO UNIFIED SCHOOL DISTRICT

EDGE
Project Number K266
Contact Chris
1151 Harbor Bay Pkwy, Ste 123A
Alameda, CA 94502
510.634.7200
Sacramento | Alameda | Irvine

REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER MICHAEL BONNETT
No. E 017376
ELECTRICAL
STATE OF CALIFORNIA
10/18/2025

CONSULTANT

nacht&lewis
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

ARCHITECT

DSA SUBMITTAL

REVISIONS

	DESCRIPTION

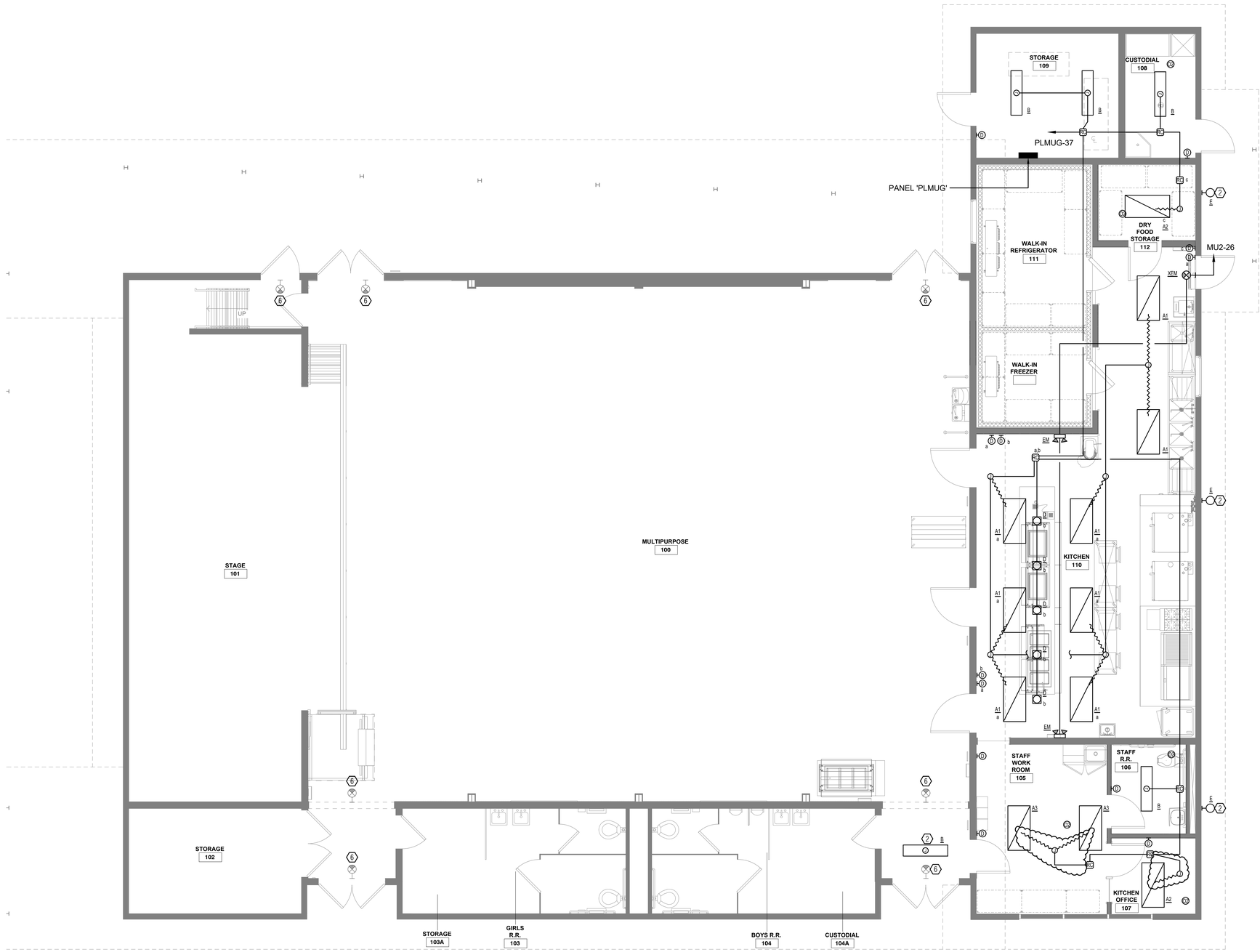
DATE 02/28/2025
JOB NO. Y2119.00
SHEET TITLE

SITE DIAGRAMS

SHEET NO.

E121

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET



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

NUMBERED NOTES

1. PROVIDE (N) BREAKERS:
   20/3 - KEF-110A
   20/3 - KEF-110B
   15/1 - CEF-106
   15/1 - GWH-1/CP-1
2. CONNECT TO (E) CIRCUIT.
3. VIA EXHAUST HOOD CONTROLLER.
4. 1"C-3#4, 1#10G.
5. EXHAUST FAN TO BE CONTROLLED BY OCCUPANCY SENSOR, REFER TO DIAGRAM.
6. (E) ILLUMINATED EXIT SIGN.

AGENCY APPROVAL

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DESCRIPTION

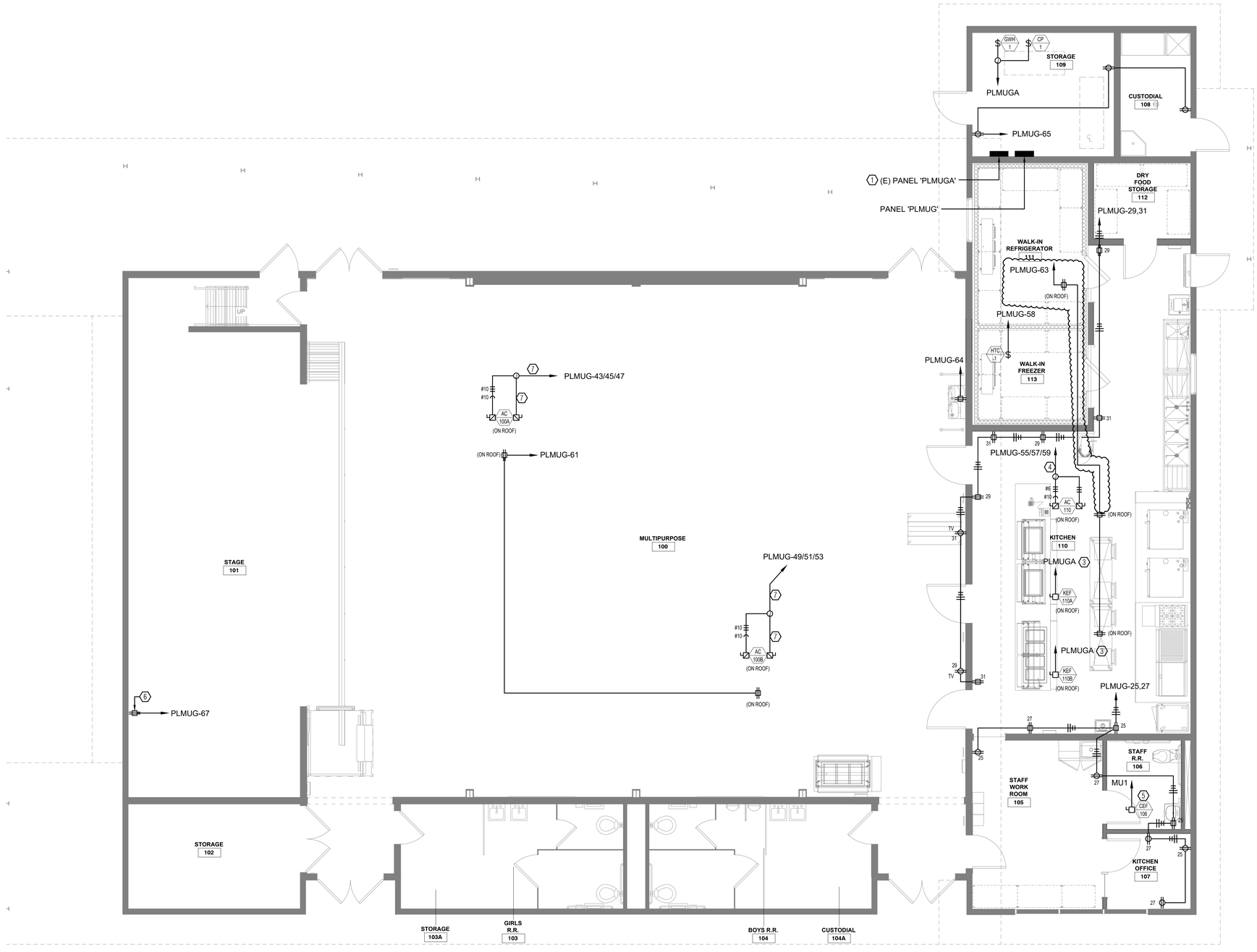
DATE 02/28/2025
JOB NO. Y2119.00
SHEET TITLE

LIGHTING FLOOR PLAN

SHEET NO.

E211

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET



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

NORTH

NUMBERED NOTES

1. PROVIDE (N) BREAKERS:
   20/3 - KEF-110A
   20/3 - KEF-110B
   15/1 - CEF-106
   15/1 - GWH-1/CP-1
2. CONNECT TO (E) CIRCUIT.
3. VIA EXHAUST HOOD CONTROLLER.
4. 1"C-3#4, 1#10G.
5. EXHAUST FAN TO BE CONTROLLED BY OCCUPANCY SENSOR, REFER TO DIAGRAM.
6. LOCATE FOR THE IDF.
7. 1.5"C-3#2, 1#8G.

AGENCY APPROVAL

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MULTI-PURPOSE BUILDING UPGRADES

1750 WEST ST, CONCORD, CA 94521

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ARCHITECT

DSA SUBMITTAL

REVISIONS

DESCRIPTION

DATE 02/28/2025

JOB NO. Y2119.00

SHEET TITLE

ELECTRICAL FLOOR PLAN

SHEET NO.

E212

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM NO.	DESCRIPTION	QTY	VOLT	PH	DIRECT	PLUG	NEMA	WATTS	AMPS	HP	HEIGHT	REMARKS	NOTES
E1	AIR CURTAIN	1 EA	120	1	X	-	-	-	3.4	1/2	+86"	PROVIDE J-BOX IN WALL INSTALL DOOR LIMIT SWITCH FOR INSTANT ON/OFF SWITCH BY F.S.E.C. SEE DETAIL K/FS8.1	
E2	DOUBLE STACK COMBI OVEN (POWER AND DATA)	2 EA	208 / 240	1	-	X	6-15P	-	15	-	+18" / +50"	PROVIDE SIMPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	4 5 6
E3	FIRE SYSTEM AT ANSUL CONTROL AUTOMAN PANEL	1 EA	120	1	X	-	-	-	20	-	+104"	120V/1-20AMP @ ANSUL CONTROL	
E3.1	FIRE SYSTEM (REMOTE PULL STATION)	1 EA	-	-	X	-	-	-	-	-	+48"	EMPTY FLUSH MT'D. OCTAGONAL BOX (REMOTE PULL) SEE DETAIL 1&2 FS5.4	3
E4	RANGE	1 EA	115	1	-	X	5-15P	-	1	-	+18"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	4 6
E5	MOBILE WARMING HOLDING CABINET	1 EA	120	1	-	X	5-15P	-	14.1	-	+48"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET	6
E6	WALK-IN FREEZER (BOX)	1 EA	120	1	X	-	-	-	1.6	-	+88"	(3) 39W LED CLG MT'D. LIGHT FIXTURES (1) 11,5W LED LIGHT FIXTURE AT DOOR. 250W DOOR HEATER. 20W P.R.P. 100W HEATER EC. TO PROVIDE ALL INTERCONNECTIONS.	
E7	WALK-IN FREEZER (COIL)	1 EA	208	1	X	-	-	-	10.8	-	+74"	CONNECT TO UNIT ELECTRICAL CONNECTION AT COIL INSIDE WALK-IN REFRIGERATOR. SEE DETAIL C/FS7.1	1 2
E8	WALK -REFRIGERATOR (BOX)	1 EA	120	1	X	-	-	-	1.5	-	+88"	(2) 39W LED CLG MT'D. LIGHT FIXTURES (1) 11,5W LED LIGHT FIXTURE AT DOOR. CONTRACTOR TO PROVIDE ALL INTERCONNECTIONS	
E9	WALK-IN REFRIGERATOR (COIL)	1 EA	115	1	X	-	-	-	1.6	-	+74"	CONNECT TO UNIT ELECTRICAL CONNECTION AT COIL INSIDE WALK-IN FREEZER. SEE DETAIL C/FS7.1	1
E10	LOAD CENTER	1 EA	120	1	X	-	-	4608	38.4	-	+8"	PROVIDE J-BOX AT FLOOR CONNECT TO COUNTER LOAD CENTER- SERVING COUNTER TO BE FULLY WIRED AT FACTORY	6
E11	MILK COOLER	1 EA	120	1	-	X	5-15P	-	3.3	-	+18"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET.	6
E12	SALAD BAR	1 EA	120	1	-	X	5-15P	-	5.50	-	+18"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET.	6
E12.1	SALAD BAR FLOOR LOCATION	1 EA	120	1	-	X	5-15P	-	5.50	-	+0"	PROVIDE FLUSH MOUNTED ELECTRICAL OUTLET UNIT PROVIDED WITH CORD AND PLUG SET.	6
E13	REMOTE REFRIGERATION	1 EA	208	3	X	-	-	-	33	-	+18"	CONNECT TO DISCONNECT LOCATED ON REFRIGERATION RACK REFER TO FS7.1 REMOTE REFRIGERATION LOCATED ON BUILDING ROOF	
E14	MIXER AND STAND	1 EA	120	1	-	X	5-15P	-	8	-	+36"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET.	6
E15	MOBILE WARMING HOLDING CABINET	1 EA	120	1	-	X	5-15P	-	14.1	-	+48"	PROVIDE DUPLEX RECEPTACLE IN WALL UNIT PROVIDED WITH CORD AND PLUG SET.	4 6
E16	CASHIER STATION (POWER) ALT LOCATION VERIFY W/ DISTRICT FURNISHED POS UNIT	3 EA	120	1	X	-	-	-	20	-	+18"	PROVIDE (2) DUPLEX OUTLETS (VERIFY W/ DISTRICT POS REQ.)	6

WALK-IN REFRIGERATION ELECTRICAL (MINIMUM REQUIREMENTS UNLESS NOTED OTHERWISE)

1.- THE ELECTRICAL CONTRACTOR SHALL INSTALL AND INTER WIRE LIGHT SWITCHES AND FIXTURES REQUIRED FOR THE FOOD SERVICE EQUIPMENT AND MAKE FINAL CONNECTIONS.

2.- THE FOOD SERVICE EQUIPMENT CONTRACTOR SHALL INSTALL THE PRESSURE RELIEF PORT, DOOR HEATERS, DRAIN LINE HEATERS AND TEMPERATURE ALARM SYSTEM. INTER WIRING AND FINAL CONNECTIONS BY THE ELECTRICAL CONTRACTOR.

3.- THE ELECTRICAL CONTRACTOR SHALL INTER WIRE THE TIME CLOCK ON THE CONDENSING UNIT TO THE DEFROST RELAY ON THE UNIT EVAPORATOR LOCATED IN THE FREEZER COMPARTMENT.

4.- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING NECESSARY FOR COMPLETE AND OPERABLE SYSTEM WITH ALL CONDUIT IN SO FAR AS POSSIBLE MOUNTED ON THE EXTERIOR CEILING OF THE WALK-IN ASSEMBLY. PENETRATIONS AND ESCUTCHENON PLATES SHALL BE FURNISHED AND INSTALLED BY THE FOOD SERVICE CONTRACTOR. FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE FOR SEALING THE INSIDE OF CONDUITS WHICH PENETRATE THE CEILING OR WALL

ELECTRICAL KEYNOTES:

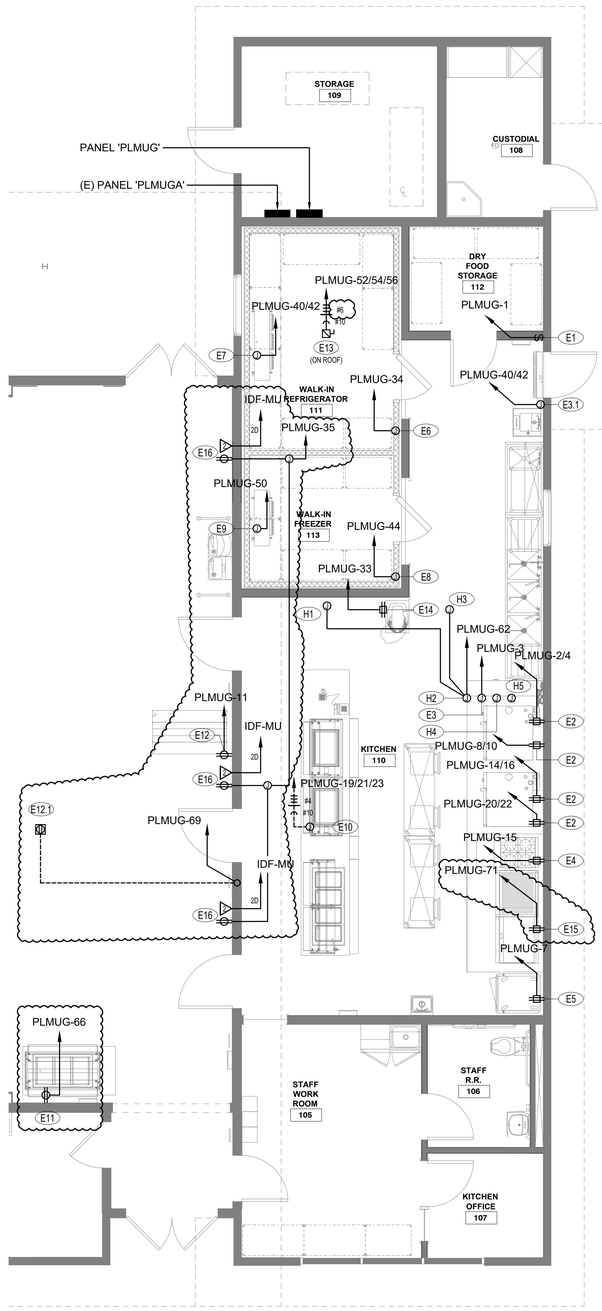
1. E.C. TO INTERCONNECT FROM REMOTE REFRIGERATION SYSTEM ITEM NO.26
2. DRAIN LINE HEATER CONNECTED TO COIL. F.S.E.C TO PROVIDE HEATER E.C TO WIRE TO COIL
3. ELECTRICAL CONTRACTOR TO PROVIDE EMPTY FLUSH MT'D. OCTAGONAL BOX @ 48" AFF. W/ EMPTY CONDUIT TO +2" ABOVE CEILING.
4. ELECTRICAL CONTRACTOR TO PROVIDE INTERLOCK WIRING FROM FIRE PROTECTION SYSTEMS TO ELEC. SHUNT TRIP BREAKERS.
5. UTILITY REQUIREMENTS ARE 1 PER DECK (4 TOTAL CONNECTIONS)
6. OWNER FURNISHED CONTRACTOR INSTALLED EQUIPMENT CONTRACTOR TO VERIFY REQUIREMENTS

EXHAUST HOOD SCHEDULE

ITEM NO.	DESCRIPTION	QTY	VOLT	PH	DIRECT	PLUG	NEMA	WATTS	AMPS	HP	HEIGHT	REMARKS	NOTES
H1	TOUCH SCREEN USER INTERFACE MOUNT +48" AFF. RECESSED IN WALL	1 EA	-	-	-	-	-	-	-	-	-	CONNECT TO ENERGY MANAGEMENT SYSTEM IN UTILITY CABINET AT END OF HOOD ITEM 8 WITH CAT-5 CABLE (NO POWER REQUIRED AT THIS LOCATION)	1 2 5
H2	EXHAUST HOOD (LIGHTS) & SMART CONTROLS SC-320110MA	1 EA	120	1	X	-	-	-	20	-	+104"	EC TO PROVIDE CONNECTION	4 5 6
H3	ENERGY MANAGEMENT SYSTEM SC-320110MA (ROOM SENSOR)	-	-	-	-	-	-	-	-	-	-	CONNECT TO ENERGY MANAGEMENT SYSTEM IN UTILITY CABINET AT END OF HOOD ITEM 13 LOW VOLTAGE WIRING (ROOM TEMPERATURE SENSOR CLG. MOUNTED)	5
H4	EXHAUST HOOD (EXHAUST FANS) & SMART CONTROLS SC-320110MA	1 EA	208	3	X	-	-	-	6	-	+104"	EC TO PROVIDE CONNECTION	6
H5	EXHAUST HOOD (EXHAUST FANS) & SMART CONTROLS SC-320110MA	1 EA	208	3	X	-	-	-	6	-	+104"	EC TO PROVIDE CONNECTION	6

ELECTRICAL KEYNOTES:

1. E.C TO INTERCONNECT SC-320110MA TO MECHANICAL EQUIPMENT ON ROOF (REFER TO MECHANICAL DRAWINGS)
2. E.C TO INTERCONNECT POWER FROM HOOD TOUCH SCREEN USER INTERFACE LOCATED ON WALL WITH SC-320110MA SMART CONTROLS
4. 120V/1 PHASE FOR LIGHTS TO ONE PRE-WIRED CONN. POINT ON HOOD FOR LIGHTS PRE-WIRED BY FACTORY.
5. REFER TO HOOD DRAWING FS5.3 FOR ELECTRICAL SCHEMATIC
6. SC-320110MA SEE FS5.3 FOR SCHEMATIC



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

SHEET NOTES

1. REFER TO FOOD SERVICE DRAWINGS AND MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

ELECTRICAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ROUGH-INS, FINAL CONNECTIONS AND INTER-CONNECTIONS TO THE FOOD SERVICE EQUIPMENT
2. CONNECTIONS SHOWN ARE FOR THE FOOD SERVICE EQUIPMENT ONLY. REFER TO ELECTRICAL DRAWINGS FOR CONVENIENCE OUTLETS AND ADDITIONAL REQUIREMENTS.
3. RECEPTACLES, JUNCTION,HANDY BOXES INDICATED AT WALLS SHALL BE CONCEALED IN THE WALL AND STUBBED OUT OF THE WALL AT HEIGHT INDICATED.
4. RECEPTACLES, JUNCTION/HANDY BOXES INDICATED AT WALLS SHALL BE CONCEALED IN THE WALL AT THE HEIGHT INDICATED.
5. VERTICAL DIMENSIONS ARE GIVEN FROM FINISHED FLOOR TO CENTER LINE OF ROUGH-IN LOCATION.
6. UTILITIES WHEREVER POSSIBLE SHALL BE BROUGHT IN FROM ABOVE.
7. VERIFY THE UTILITY REQUIREMENTS OF OWNER FURNISHED AND/OR EXISTING EQUIPMENT.
8. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND/OR INSTALL ALL JUNCTION/HANDY BOXES, EXTENSION RINGS, DISCONNECT SWITCHES AS SHOWN, CONVENIENCE OUTLETS WITH STAINLESS STEEL COVERS SWITCHES, CONNECTORS CONTROLS AND OTHER ACCESSORIES THAT ARE NOT AN INTEGRAL PART OF THE FOOD SERVICE EQUIPMENT AS REQUIRED TO MAKE FINAL CONNECTIONS TO THE EQUIPMENT AS REQUIRED TO MAKE FINAL CONNECTIONS TO THE EQUIPMENT FOR A COMPLETE AND OPERABLE OPERATION MEETING ALL APPLICABLE CODES AND ORDINANCES.
9. JUNCTION/HANDY BOXES, CONVENIENCE OUTLETS AND SPECIAL PURPOSE OUTLETS SHOWN IN FABRICATED WORK TABLES AND COUNTERS SHALL BE FURNISHED BY FABRICATOR ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING & RECEPTACLES.

EXHAUST HOOD NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE ALL HIGH/LOW VOLTAGE CONNECTIONS REQUIRED BY EXHAUST HOOD MANUFACTURER. SEE FOOD SERVICE EXHAUST HOOD MANUFACTURER SHEETS FOR DETAILS.
2. ALL ELECTRICAL CONDUIT THAT IS PROVIDED BY E.C. TO BE RECESSED IN WALL (NO SURFACE MOUNT CONDUIT)
3. VERIFY ALL EXHAUST HOOD AND EXHAUST HOOD COMPONENTS ELECTRICAL REQUIREMENTS WITH MANUFACTURER DRAWINGS.

CONNECTION ACCESS

1. WHERE ITEMS CONNECT TO UTILITY UNDER COUNTER. CONTRACTOR TO VERIFY THAT A GROMMET HOLE IS PROVIDED FOR NECESSARY ACCESS TO CONNECT EQUIPMENT TO UTILITY.

AGENCY APPROVAL

EL DORADO MIDDLE SCHOOL
MULTI-PURPOSE BUILDING UPGRADES
1750 WEST ST, CONCORD, CA 94521
MT. DIABLO UNIFIED SCHOOL DISTRICT

EDGE
Project Number K266
Contact Chris
1151 Harbor Bay Pkwy, Ste 123A
Alameda, CA 94502
510.634.7200
Sacramento | Alameda | Irvine

CHRISTOPHER HONG GONZALEZ
No. E 011376
ELECTRICAL
STATE OF CALIFORNIA
10/18/2025

CONSULTANT

nacht&lewis
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

ARCHITECT

DSA SUBMITTAL

REVISIONS

	DESCRIPTION

DATE 02/28/2025
JOB NO. Y2119.00
SHEET TITLE

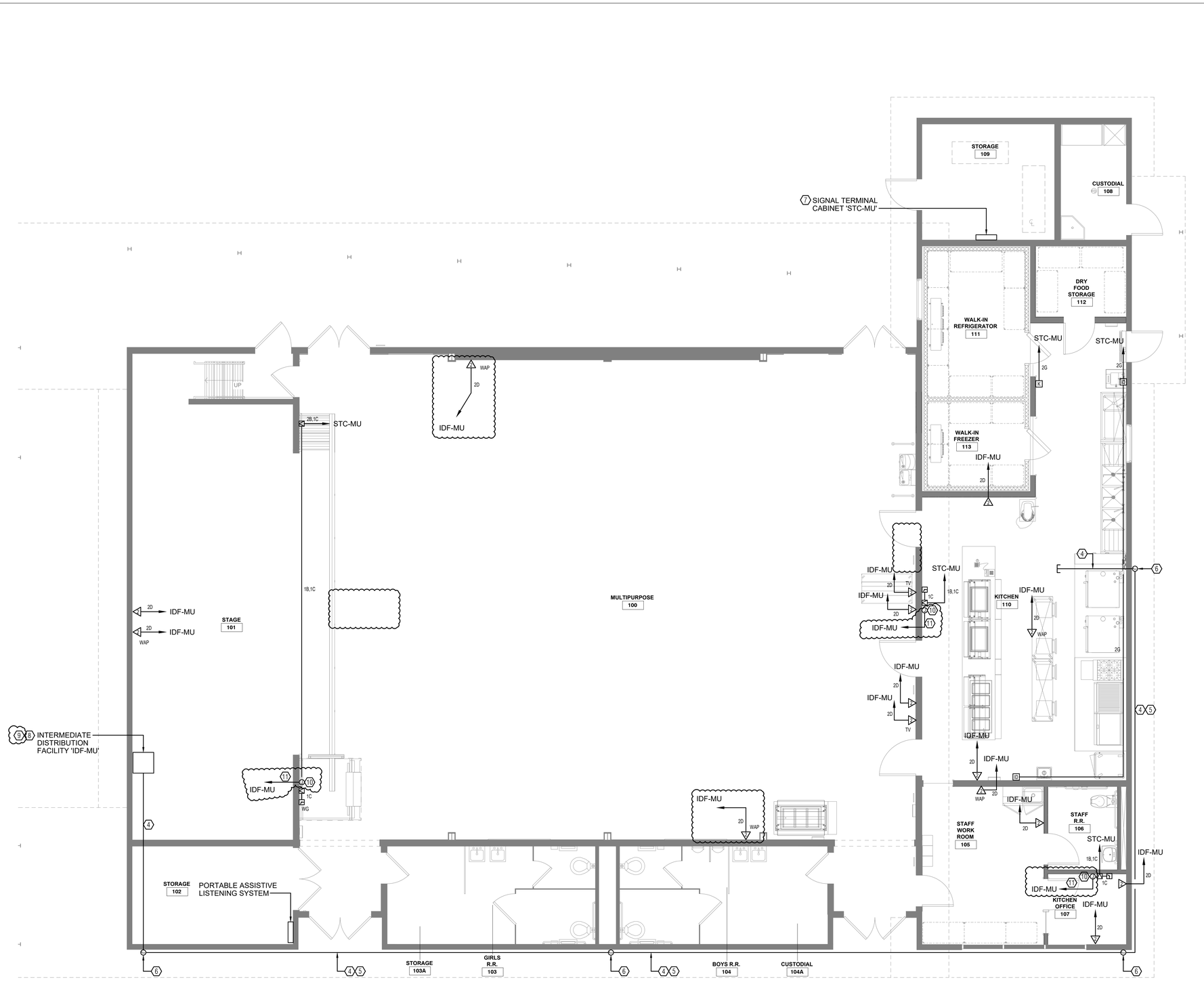
KITCHEN ELECTRICAL FLOOR PLAN

SHEET NO.

E213

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

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ONE INCH = TWENTY FEET



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

NORTH

NUMBERED NOTES

1. 3" CONDUIT FOR DATA CABLES; 3" MT. ROUTING TBD.
2. STUB ABOVE CEILING.
3. VIA CONDUITS ON BUILDING EXTERIOR.
4. (3) 3"C FOR DATA CABLES.
5. ROUTE ON BUILDING EXTERIOR. VERIFY EXACT ROUTING IN FIELD WITH OWNER.
6. 24"x24"x8" NEMA 3R BOX.
7. 36"x24"x12" NEMA 1 CABINET WITH A HINGED LOCKING COVER.
8. INSTALL WITH BOTTOM OF CABINET AT +7'-6" AFF. REFER TO 1/E302 FOR MOUNTING.
9. IDF CABINET TO BE OFCI. ALL OTHER COMPONENTS TO BE INCLUDED IN SCOPE.
10. LOCATE NEXT TO SPEAKER FOR FUTURE UPGRADES.
11. 1" MT.

AGENCY APPROVAL

EL DORADO MIDDLE SCHOOL
MULTI-PURPOSE BUILDING UPGRADES

1750 WEST ST, CONCORD, CA 94521

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Contact Chris
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REGISTERED PROFESSIONAL ENGINEER
No. E 017376
ELECTRICAL
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CONSULTANT
nacht&lewis
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

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