



312 Plum Street, Suite 700
Cincinnati, OH 45202
(513) 381-2112

May 3, 2024

ADDENDUM 2

TO THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS FOR:
(4 pages of Text = / 7 Pages of Attachments/ Drawings / 7 pages of Drawings) Total = 11 Pages

Jefferson Twp. LSD-HS Ag Ed Facility

FOR

Jefferson Township Local School District
2625 South Union Road
Dayton, OH 45417

Comm. No. 2024006.01

TO ALL BIDDERS:

This Addendum supplements, amends and takes precedence over the original Drawings and Specifications, and shall be taken into account when preparing proposals, and shall become part of the Contract Documents. Receipt of this Addendum must be entered on the bidder's Bid Form. Bidder is cautioned to read the entire addendum and to check that all pages of the Addendum have been included in the Bidder's copy of the Addendum.

QUESTIONS & ANSWERS

QUESTION 1 *For the gas on C140 - wanted to confirm we are to hook on to the gas meter set by Centerpoint?*

- A. Only on-site propane is used for the building.

QUESTION 2 *Is there a spec for TV52?*

- A. TV:DELL 75 in (P7524QT) (141.09 lbs). TV Mount: SANUS Premium Universal 3-Stud Heavy Duty Tilting Wall Mount For Large TVs - Fits 50"-90" (VMPL3-B1)

QUESTION 3 *Is there a spec for the markerboards other than on page A001? On page A101 I was only able to find 1 note M, but page A001 indicates there should be two.*

- A. Refer to specification Section 10 11 00 Visual Display Units. Also, refer to the revised sheet A101 that was included with Addendum 1.

QUESTION 4 *Is there asbestos in the flooring? Page AD101 note D13 says hazardous material, but there wasn't a spec on this.*

A. Refer to General Note K on sheet AD101 that was included with Addendum 1.

QUESTION 5 Please confirm we are to include SE 21 & SE 22 on page A101, if so is there any spec for these.

A. Correct, the metal enclosures are contractor furnished and contractor installed. Specification section 12 57 16 Metal Welding Booth was included with Addendum 1.

QUESTION 6 For the finish of the AG Barn:

- Is chicken wire accurate for the ceiling?
A. Yes, attached to the underside of the trusses to prevent birds from nesting.
- What is the finish intended to be on the inside walls of the AG building?
A. Unpainted plywood and concrete for the walls and ceiling/roof.

QUESTION 7 Should the exterior sheathing material be ½" osb or ¼" per 1 on A520?.

B. 1/2" plywood. This will be addressed in a forthcoming Addendum.

QUESTION 8 Is there a spec for page F101?

A. Do not include the cost of the furniture shown on F101. It will be addressed after the bid date.

QUESTION 9 Is there a spec for the casework?

A. Specification sections 12 32 16 Manufactured Plastic-Laminate-Clad-Casework and 12 36 23.13 Plastic-Laminate-Clad-Countertops were included with Addendum 1.

QUESTION 10 Should we include any FE or FEC?

B. There are 2 existing FEs that will remain in the shop. One FE shall be included at the Barn and one at the Greenhouse.

GENERAL

NA:

SPECIFICATION ITEM

NA

DRAWING ITEMS

ITEM 1 – Drawing Sheet A101- FIRST FLOOR PLAN - AG ED SHOP:

- A. Revision. Delete Sheet A101 - FIRST FLOOR PLAN - AG ED SHOP and replace with attached Sheet A101 - FIRST FLOOR PLAN - AG ED SHOP.
1. SE15, SE17 and SE18 shall be included in the project.
 2. Provided typical dimension for the welding booths.

SEE ATTACHED REVISED SHEET A101 – FIRST FLOOR PLAN - AG ED SHOP.

ITEM 2 – Drawing Sheet E000 - ELECTRICAL LEGENDS:

- A. Revision. Delete Sheet E000 - ELECTRICAL LEGENDS and replace with attached Sheet E000 - ELECTRICAL LEGENDS.
1. Revised conduit sleeve note.

SEE ATTACHED REVISED SHEET E000 - ELECTRICAL LEGENDS.

ITEM 3 – Drawing Sheet E001 - ELECTRICAL LEGENDS:

- A. Revision. Delete Sheet E001 - ELECTRICAL LEGENDS and replace with attached Sheet E001 - ELECTRICAL LEGENDS.
1. Revised lighting fixture schedules with equals.
 2. Added Technology Responsibility Matrix.

SEE ATTACHED REVISED SHEET E001 - ELECTRICAL LEGENDS.

ITEM 4 – Drawing Sheet E200 - POWER PLAN - AG LAB:

- A. Revision. Delete Sheet E200 - POWER PLAN - AG LAB and replace with attached Sheet E200 - POWER PLAN - AG LAB.
1. Added General Technology Notes.
 2. Added security cameras, wall telephones, wireless access points, PA speakers, and sleeves throughout Ag Lab
 3. Added receptacles and data for the above counter printers in 1102.
 4. Revised data quantity for teacher's desk in 1102.
 5. Added receptacle for laptop cart in 1102

SEE ATTACHED REVISED SHEET E200 - POWER PLAN - AG LAB.

ITEM 5 – Drawing Sheet E201 - POWER PLANS - BARN AND GREENHOUSE:

- A. Revision. Delete Sheet E201 - POWER PLANS - BARN AND GREENHOUSE and replace with attached Sheet E201 - POWER PLANS - BARN AND GREENHOUSE.
1. Added General Technology Notes.
 2. Added security cameras, wall telephones, and wireless access points to the Barn and Greenhouse.
 3. Added sleeve ceiling to 2002 IT/ELECT in Barn.
 4. Added sleeves for future use to Barn and Greenhouse.
 5. Added data for greenhouse controllers and work tables.
 6. Revised receptacle location and added data for future POS station in the greenhouse
 7. Added tech enclosure receptacle.

SEE ATTACHED REVISED SHEET E201 - POWER PLANS - BARN AND GREENHOUSE.

ITEM 6 – Drawing Sheet E600 - ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES:

- A. Revision. Delete Sheet E600 - ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES and replace with attached Sheet E600 - ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES.
1. Revised panel schedule P10 with circuits for laptop cart and above counter printers.
 2. Revised panel schedule GH with the circuit for the tech enclosure

SEE ATTACHED REVISED SHEET E600 - ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES.

ITEM 7 – Drawing Sheet E700 - ELECTRICAL SITE PLAN:

- A. Revision. Delete Sheet E700 - ELECTRICAL SITE PLAN and replace with attached Sheet E700 - ELECTRICAL SITE PLAN.
1. Revised routing of tech conduit to go to new IT room, and tech enclosure in the greenhouse.
 2. Revised keynotes to clarify conduit routing.

SEE ATTACHED REVISED SHEET E700 - ELECTRICAL SITE PLAN.

ATTACHMENTS

- Specifications
 - NA
- Drawings
 - A101 - FIRST FLOOR PLAN - AG ED SHOP
 - E000 - ELECTRICAL LEGENDS
 - E001 - ELECTRICAL LEGENDS
 - E200 - POWER PLAN - AG LAB
 - E201 - POWER PLANS - BARN AND GREENHOUSE
 - E600 – ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES
 - E700 – ELECTRICAL SITE PLAN

End of Addendum 2 items – See attached.

ISSUANCES

03-01-24	DESIGN DEVELOPMENT
04-09-24	100% CD
04-18-24	BID/PERMIT SET
05-02-24	ADDENDUM 1
05-03-24	ADDENDUM 2

FLOOR PLAN LEGEND

	NO WORK THIS AREA
	NEW WALL/PARTITION
	EXISTING CONSTRUCTION TO REMAIN
	NEW DOOR AS SCHEDULED
	EXISTING DOOR AND FRAME TO REMAIN

GENERAL NOTES - FLOOR PLAN

A. SEE A001 FOR SYMBOLS LEGEND.
B. ALL PARTITIONS TYPE M1 UNLESS NOTED OTHERWISE.
C. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD, OR FACE OF EXISTING FINISH UNLESS NOTED OTHERWISE.
D. SEE PLANS FOR BOARD LOCATIONS/DIMENSIONS - IF A BOARD IS NOT DIMENSIONED IT SHOULD BE CENTERED ON THE WALL.

KEY NOTES - FLOOR PLAN

A7 ALIGN FINISH FACE
A9 PROVIDE WALL PROTECTION (WP-1) AT ENTIRE LENGTH OF THIS WALL
A15 TOOTH IN NEW CMU FULL HEIGHT OF WALL WHERE EXISTING CMU WALL IS DEMOLISHED
A16 18 GA. STAINLESS STEEL SHEET METAL SHROUD TO PROTECT EXISTING PLUMBING SUPPLY LINE. EXTEND HORIZONTALLY AS INDICATED. EXTEND VERTICALLY TO 5'-0" ABOVE THE FLOOR (BELOW VALVE). ATTACH TO FLOOR AND WALL WITH TAPCONS 16" OC MIN.
A17 EXISTING PLUMBING SUPPLY LINE TO REMAIN

KEY NOTES - SHOP EQUIPMENT

SE1 MITER SAW WITH ROLLING MITER STAND (NIC)
SE2 DRILL PRESS (NIC)
SE3 LINCOLN POWER MIG (NIC)
SE4 CANTILEVER RACK SINGLE SIDED - 48"W X 33"D X 6'H, (NIC)
SE5 DUST COLLECTOR (NIC)
SE6 BAND SAW (NIC)
SE7 GRINDER (NIC)
SE8 SANDER (NIC)
SE9 PLANER (NIC)
SE10 PRO WELDING BENCH - 36" X 24" (NIC)
SE11 AIR COMPRESSOR (NIC)
SE12 METAL BAND SAW (NIC)
SE13 TABLE SAW (NIC)
SE14 STORAGE CABINET 36" X 24" 1/4" X 71 3/4" (NIC)
SE15 WORK BENCH - BASIS OF DESIGN: GLOBAL WG183410 INDUSTRIAL WORK BENCH - 72"X30"X36"
SE16 GLOBAL FLAMMABLE CABINET - 34"W X 34"D X 66"H (NIC)
SE17 WORK BENCH - BASIS OF DESIGN: GLOBAL WGB336118 FOUR STATION WORK BENCH
SE18 ROUND STOOL - BASIS OF DESIGN: ZORO.COM G4759921 - HEIGHT RANGE 25" TO 33"
SE21 QUENCH TANK
SE22 WELDING BOOTH WITH CURTAIN ROD AND CURTAIN

KEY TO CASEWORK NUMBERS

LETTER INDICATES CASEWORK TYPE:
(L=LABORATORY, M=MUSIC, NO DESIGNATION INDICATES STANDARD EDUCATIONAL CASEWORK)
INDICATES ADA ACCESSIBLE CABINET

L 36/72/30 WIDTH/HEIGHT/DEPTH (NOMINAL DIMENSIONS BASED ON CABINET WITH COUNTERTOP)

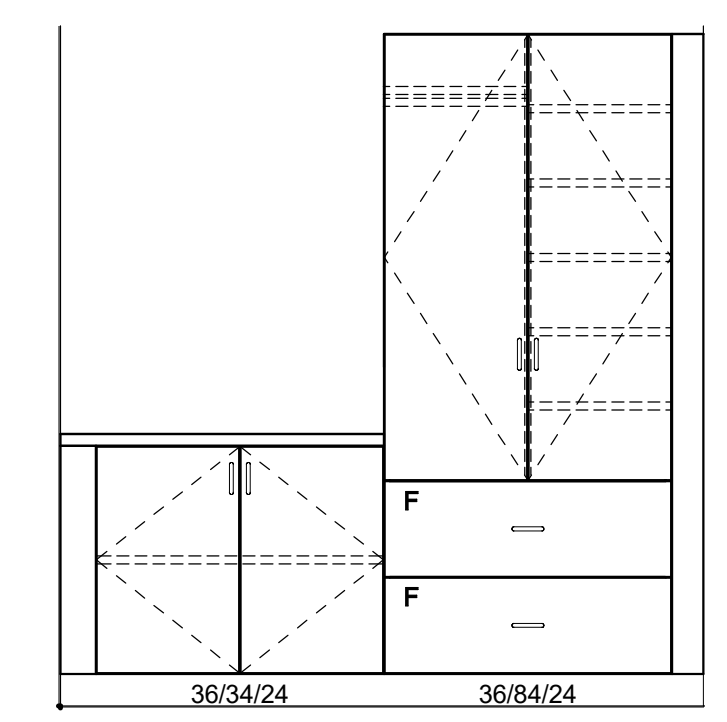
ADA

GENERAL NOTES - CASEWORK

D. ALL PLASTIC LAMINATE CASEWORK TO BE PLAM-1 UNLESS NOTED OTHERWISE. ALL PLASTIC LAMINATE COUNTERTOPS TO BE PLAM-2
H. UNLESS NOTED OTHERWISE, ALL SHELVES ARE TO BE ADJUSTABLE UNLESS A FIXED SHELF IS REQUIRED FOR CABINET STABILITY.
J. DRAWERS WITH AN "X" ON THEM ARE TO BE FILE DRAWERS. SIZE DRAWER AND PROVIDE HARDWARE FOR FRONT-TO-BACK LETTER-SIZE FILING.

FINISH LISTING - LAMINATES

PLAM-1	WILSONART, FOSSIL SHALE D504-60
PLAM-2	WILSONART, PEARL SOAPSTONE 4886-60



2 1102 CLASSROOM
A101 1/2" = 1'-0"



3 PLAN DETAIL - PLUMBING CHASE
A101 1 1/2" = 1'-0"

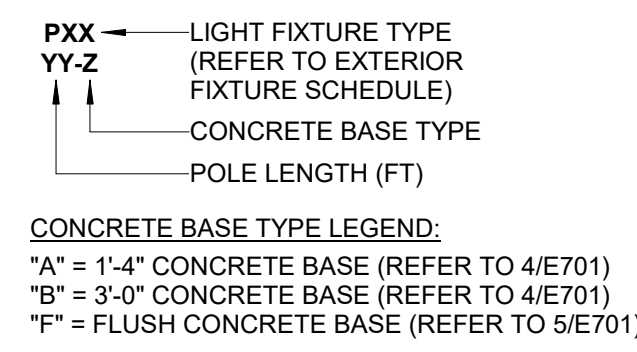
1 FIRST FLOOR PLAN - AG ED SHOP
A101 1/4" = 1'-0"

LIGHTING FIXTURE LEGEND

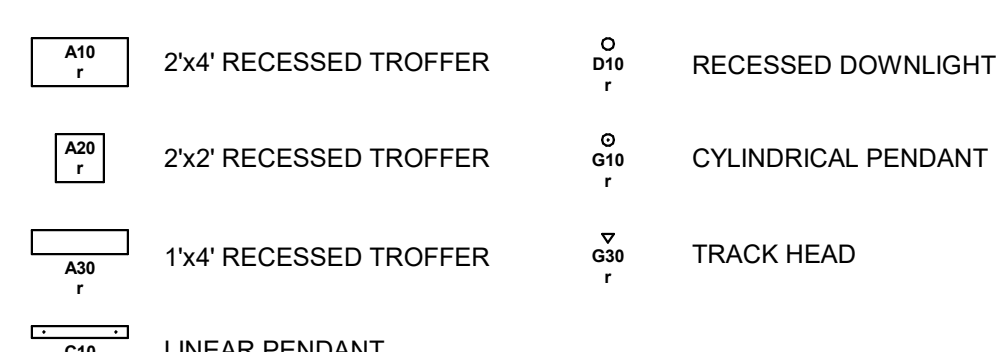
LIGHTING FIXTURE TAGS

- CAPITAL LETTER WITH NUMBER DENOTES FIXTURE TYPE - REFER TO LIGHT FIXTURE SCHEDULE BELOW.
- SMALL LETTER DENOTES SWITCH LEG/RELAY NUMBER - REFER TO E100 SERIES DRAWINGS FOR TYPICAL ROOM LAYOUTS.

EXTERIOR LIGHTING FIXTURE TAGS



STANDARD LIGHTING FIXTURE SYMBOLS



EMERGENCY LIGHTING FIXTURES

- GRAY FILLED IN AREA DENOTES EMERGENCY FIXTURE.
- CONNECT TO EMERGENCY POWER CIRCUIT AHEAD OF SWITCHING.
- NL DENOTES NIGHT LIGHT.

GENERAL NOTES - LIGHTING FIXTURES

- A. ALL FIXTURES MARKED 'ED' ARE EXISTING TO BE DEMOLISHED. VERIFY SERVING PANEL AND CIRCUIT NUMBER PRIOR TO DISCONNECTION.
B. ALL FIXTURES MARKED 'ER' WITHIN AREA OF WORK ARE EXISTING TO REMAIN.
C. ALL FIXTURES MARKED 'ERL' WITHIN AREA OF WORK ARE EXISTING TO BE RELOCATED.
D. REFER TO LIGHTING CONTROL SCHEMATICS AND LIGHTING CIRCUIT SCHEDULES ON E500 SERIES DRAWINGS.

LIGHTING CONTROL SYMBOL LEGEND

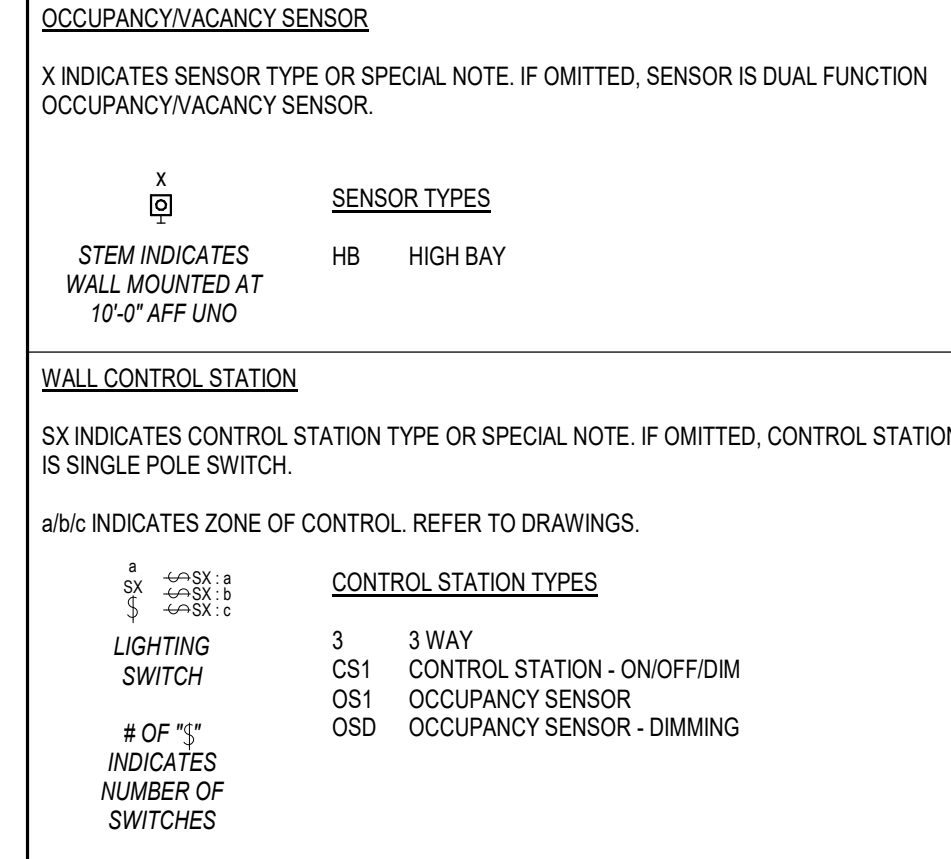


Table with columns: FIXTURE TYPE, FIXTURE BASIS OF DESIGN, ALTERNATE MANUFACTURERS, FIXTURE DESCRIPTION, LAMP, LIGHT DISTRIBUTION, MIN LUMEN OUTPUT, COLOR TEMPERATURE, MIN CRI, DRIVER, VOLTAGE, MAX WATTAGE, MOUNTING METHOD, REG OCCUPIED SPACE, TYPE COMMENTS.

POWERED EQUIPMENT LEGEND

- A. COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONNECTION TYPE, AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
B. WIRING TERMINATIONS TO EQUIPMENT SHALL BE DONE PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
C. LOCATIONS OF DEVICES SHOWN ON DRAWINGS ARE SCHEMATIC IN NATURE.
D. BRANCH WIRING TO EQUIPMENT SHALL BE COPPER.
E. CONNECTIONS, LOCAL DISCONNECTS, STARTERS, AND VFDs SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC.

CONTROL SYMBOLS

- HVAC CONTROL DEVICES ARE SHOWN FOR COORDINATION PURPOSES. REFER TO POWER PLANS FOR ANY ADDITIONAL RESPONSIBILITIES THE EC MAY HAVE FOR THESE DEVICES.
- THERMOSTAT
- VOC SENSOR
- CARBON DIOXIDE SENSOR
- COMBINATION THERMOSTAT / HUMIDITY SENSOR
- HUMIDITY SENSOR
- CARBON MONOXIDE SENSOR

26-POWERED EQUIPMENT SCHEDULE

Table with columns: MARK, DESCRIPTION, SPECIFICATION SECTION, TYPE, STARTING MEANS (PROVIDED BY, INSTALLED BY, LOCATION), DISCONNECTING MEANS (PROVIDED BY, INSTALLED BY, LOCATION), ELECTRICAL (VOLTS, POLES, AMPS, OCPD, PANEL, CIRCUIT), WIRING NOTES.

SKILLED TRADES LAB EQUIPMENT LEGEND

- A. COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONNECTION TYPE, AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
B. WIRING TERMINATIONS TO EQUIPMENT SHALL BE DONE PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
C. LOCATIONS OF DEVICES SHOWN ON DRAWINGS ARE SCHEMATIC IN NATURE.
D. COORDINATE FINAL LOCATION OF CORD AND PENDANT DROPS IN FIELD TO ALIGN WITH DEVICE ELECTRICAL CONNECTION.
E. REFER TO PLANS FOR DETAILS OF ALTERNATE 3.

26-SKILLED TRADES LAB EQUIPMENT

Table with columns: RECEPTACLE TYPE, DEVICE TYPE, DESCRIPTION, VOLTS, POLES, AMPS, PANEL, CIRCUIT, WIRING NOTES.

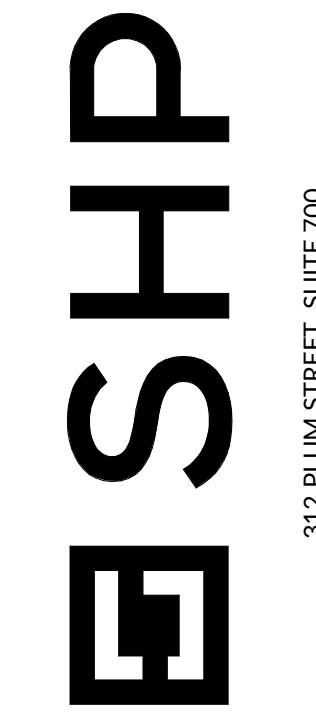
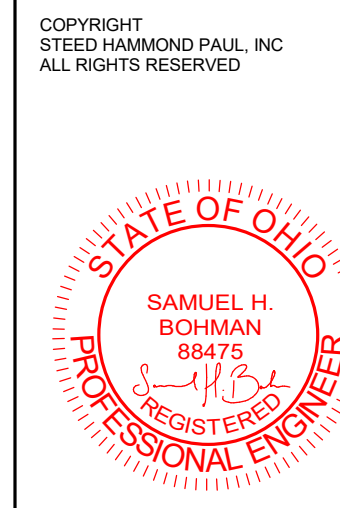
SYSTEM RESPONSIBILITY MATRIX

Jefferson County Agriculture Education Lab 4/30/2024

Table with columns: SYSTEM/DEVICE, DESIGNED AND SPECIFIED BY, PROVIDED BY (CABLING, DEVICES), INSTALLED BY (CABLING, DEVICES), NOTES.

- GENERAL NOTES
A. Contractor shall provide power for all security and technology systems as required.
B. Contractor shall verify rough-in size and location requirements with vendors of all systems prior to installation.
C. Contractor shall terminate rough-in conduits at cabinets and on backboards as required.

LEGEND table with columns: DEVICE, NOTES.



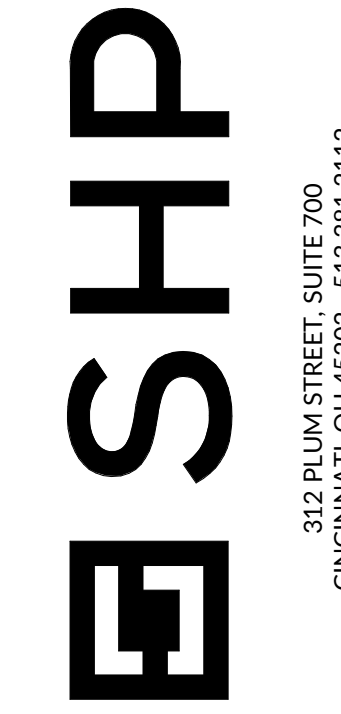
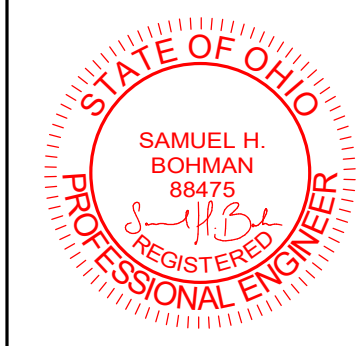
JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
JEFFERSON TOWNSHIP AGED FACILITY
2701 SOUTH UNION ROAD, DAYTON, OH 45417
JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
2625 South Union Road, Dayton, OH 45417

ISSUANCES

Table with columns: DATE, DESCRIPTION.

ELECTRICAL LEGENDS

E001



JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
JEFFERSON TOWNSHIP AG ED FACILITY
 2701 SOUTH UNION ROAD, DAYTON, OH 45417
 JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
 2625 South Union Road, Dayton, OH 45417

ISSUANCES

	DATE	DESCRIPTION
	03-01-24	DESIGN DEVELOPMENT
	04-09-24	10% CD
A	04-18-24	BID/PERMIT SET
B	04-30-24	ADDENDUM 1
C	05-03-24	ADDENDUM 2

POWER PLAN - AG LAB

COMM NO. 2024006.01

E200

GENERAL POWER NOTES:

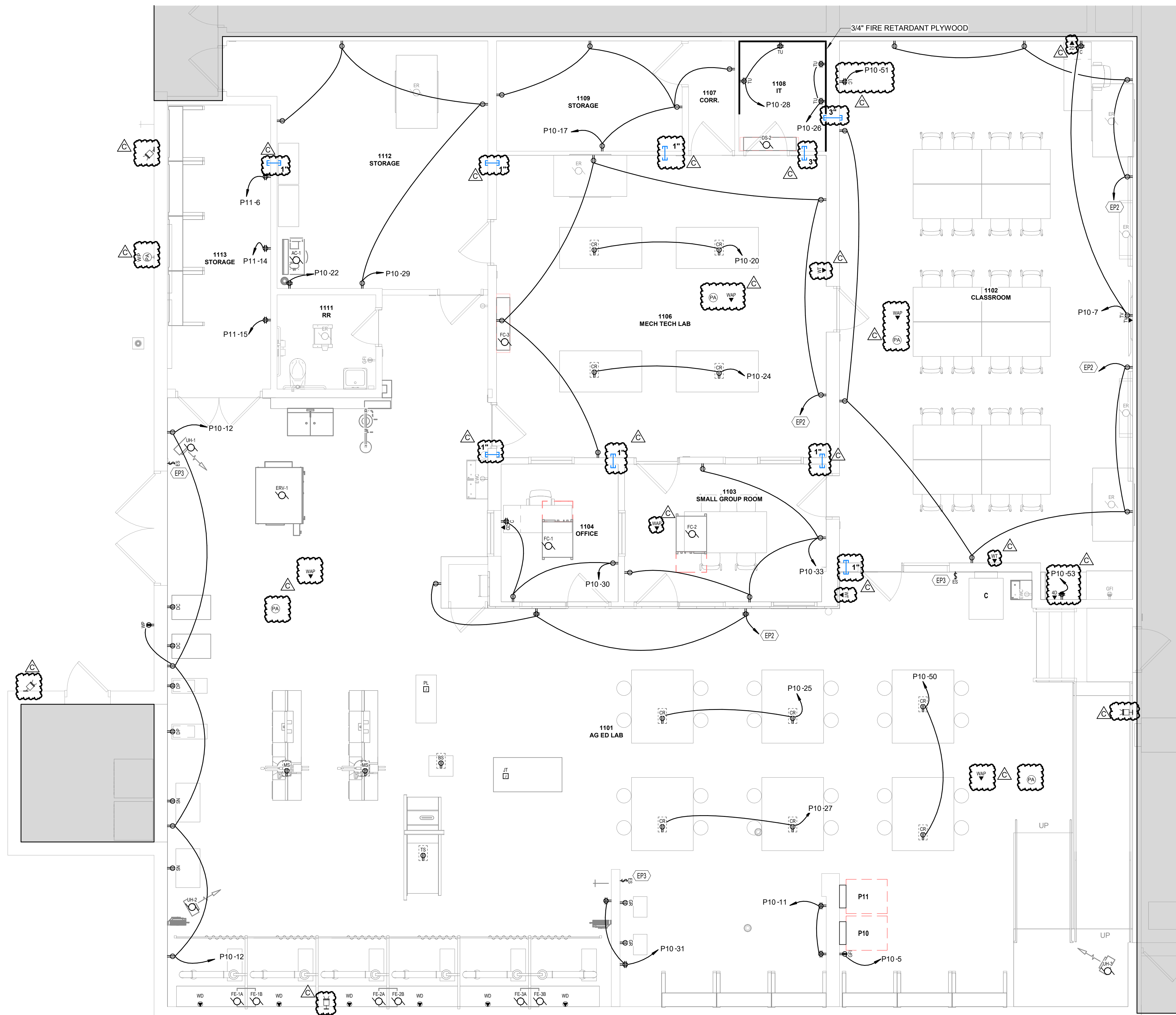
- REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.
- REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT TYPES AND CONTRACTOR RESPONSIBILITIES. STARTER AND DISCONNECT LOCATIONS TO BE NEAR EQUIPMENT WITH PROPER CLEARANCE AND WORKING SPACE PER NEC. COORDINATE MOUNTING WITH OTHER DISCIPLINES.
- EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.
- EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES IN LOCATIONS AS REQUIRED BY NEC 406.12 SHALL BE TAMPER-RESISTANT RECEPTACLES.
- COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONNECTION TYPE, AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- PRIOR TO DEVICE ROUGH-IN, REFER TO E000 SERIES SHEETS FOR DEVICE LEGENDS AND SPECIALTY INFORMATION.
- PRIOR TO DEVICE ROUGH-IN, REFER TO E500 SERIES SHEETS FOR SPECIALTY MOUNTING DETAILS.

GENERAL TECHNOLOGY NOTES:

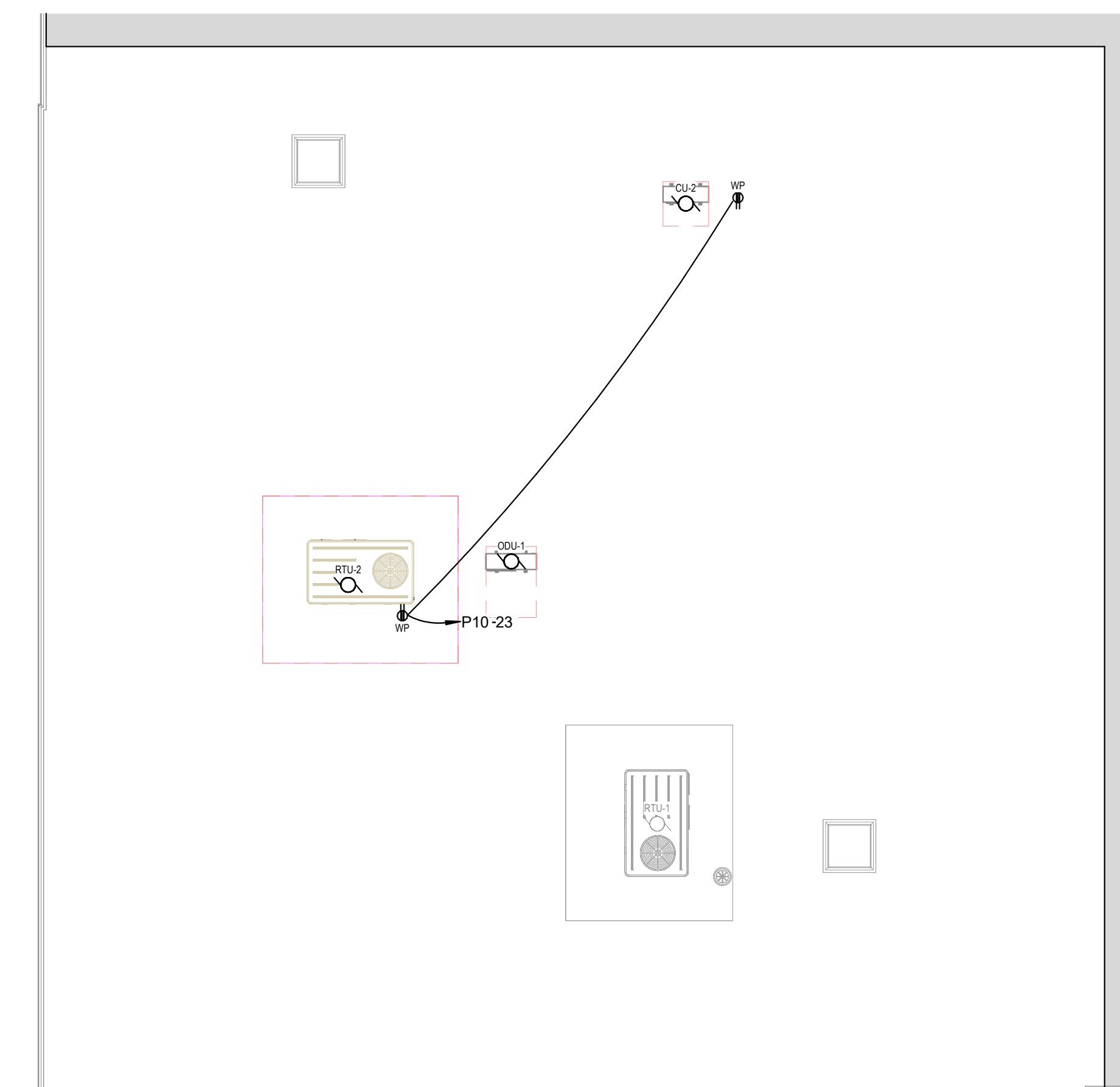
- REFER TO E000 SERIES SHEETS FOR TECHNOLOGY RESPONSIBILITY MATRIX.
- COORDINATE FINAL LOCATION OF TECHNOLOGY DEVICES WITH DIV 27. PRIOR TO INSTALLATION.

KEYNOTES

- EP2 CONNECT TO CIRCUIT MADE AVAILABLE THROUGH DEMOLITION. REFER TO E010 SERIES SHEETS.
- EP3 PROVIDE EMERGENCY STOP SWITCH FOR SHUNT TRIP IN P11. COORDINATE EXACT LOCATION IN FIELD.



1 POWER PLAN - AG LAB
 E200 1/4" = 1'-0"



2 ELECTRICAL POWER PLAN - ROOF
 E200 1/8" = 1'-0"

GREENHOUSE EQUIPMENT

A. COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONTROL WIRING, STARTERS, CONNECTION TYPE, AND POWER REQUIREMENTS WITH GREENHOUSE SUPPLIER PRIOR TO ROUGH-IN.

26-GREENHOUSE EQUIPMENT SCHEDULE												
MARK	DESCRIPTION	DISCONNECTING MEANS			ELECTRICAL							WIRING NOTES
		TYPE	PROVIDED BY	INSTALLED BY	LOCATION	VOLTS	POLES	AMPS	MOCB	PANEL	CIRCUIT	
AV	ATRIUM VENT	DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	208 V	3	7.8 A	15.0 A	GH	8,10,12	
EF	EXHAUST FAN	NF DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	208 V	3	11.0 A	20.0 A	GH	20,22,24	
EF	EXHAUST FAN	NF DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	208 V	3	11.0 A	20.0 A	GH	15,17,19	
HF	HAF FANS	DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	120 V	1	1.0 A	15.0 A	GH	2	
HF	HAF FANS	DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	120 V	1	1.0 A	15.0 A	GH	2	
SM	SHADE MOTOR	NF DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	120 V	1	7.5 A	15.0 A	GH	9	
SV	SIDE VENT	DISCONNECT SWITCH	DIV. 26	DIV. 26	NEAR UNIT	208 V	3	7.8 A	15.0 A	GH	14,16,18	
UH	UNIT HEATER	MRTS	DIV. 23	DIV. 23	INTEGRAL TO UNIT	120 V	1	1.0 A	15.0 A	GH	3	
UH	UNIT HEATER	MRTS	DIV. 23	DIV. 23	INTEGRAL TO UNIT	120 V	1	1.0 A	15.0 A	GH	3	

KEYNOTES

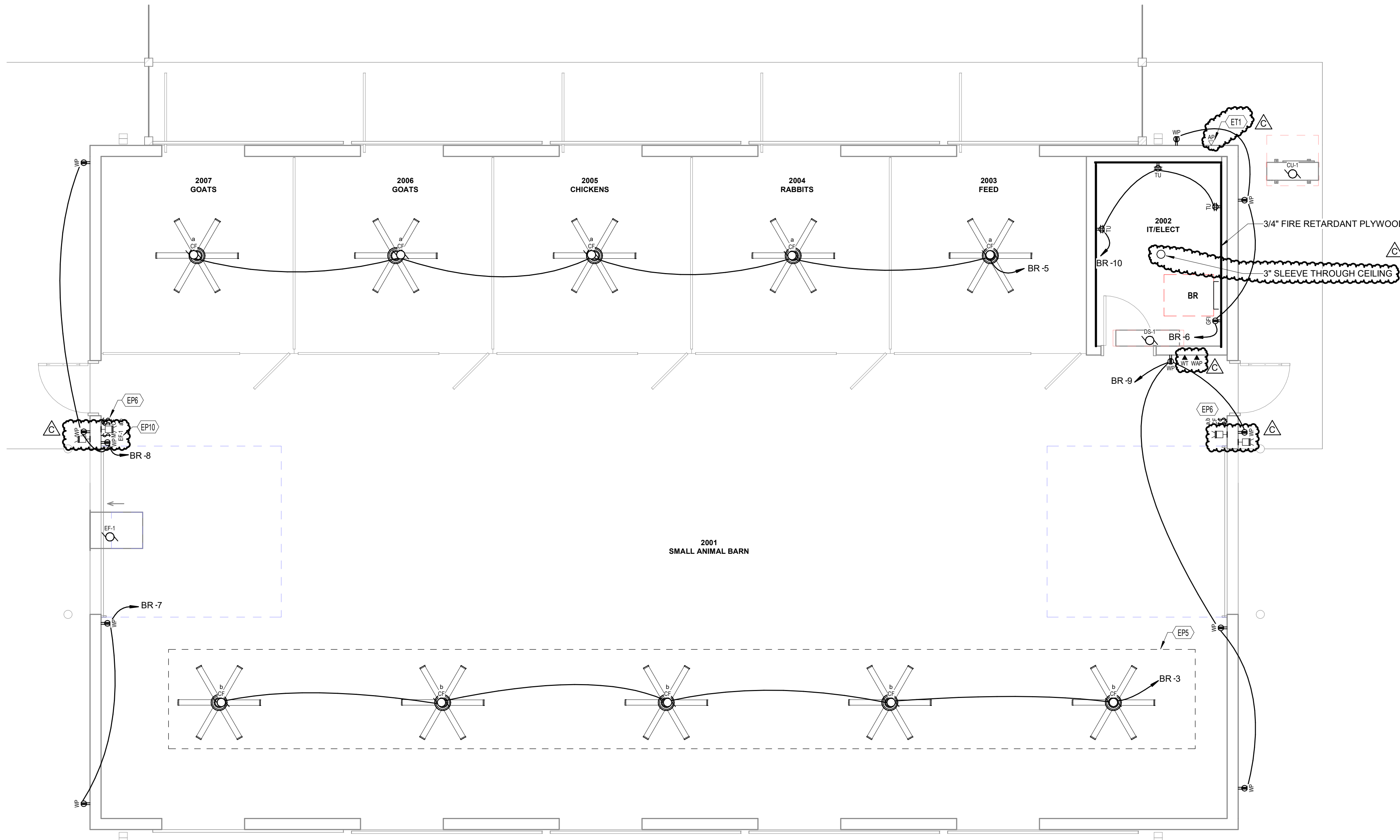
- EP5 PROVIDE CEILING FAN BOXES, AND CONDUIT WITH PULLSTRING TO CONTROL STATION FOR FUTURE INSTALLATION OF CEILING FANS. PROVIDE WIRING AND FULL INSTALLATION OF CEILING FANS AS PART OF ALTERNATE 5.
- EP6 PROVIDE WEATHERPROOF BOX AND MULTI-USE COVERS FOR CEILING FAN CONTROLLERS.
- EP7 COORDINATE FINAL LOCATION OF MOTOR AND DISCONNECT WITH GREENHOUSE MANUFACTURER PROVIDED DRAWINGS.
- EP8 COORDINATE FINAL LOCATION OF HEATER WITH GREENHOUSE MANUFACTURER PROVIDED DRAWINGS.
- EP9 COORDINATE FINAL LOCATION OF GREENHOUSE CONTROLLERS AND CONTACTOR PANELS WITH GREENHOUSE INSTALLER PRIOR TO INSTALLATION. PROVIDE CONTROL AND POWER WIRING TO ACCESSORIES, MOTORS, EQUIPMENT, AND DEVICES PER MANUFACTURER'S INSTRUCTIONS.
- EP10 PROVIDE WEATHERPROOF BOX WITH MULTI-USE COVER FOR MOTOR RATED TOGGLE SWITCH.
- EP11 LOCATE RECEPTACLE BELOW TECHNOLOGY ENCLOSURE IN WEATHERPROOF BOX. COORDINATE EXACT LOCATION AND ELEVATION OF WALL MOUNTED TECHNOLOGY ENCLOSURE PRIOR TO INSTALLATION WITH GREENHOUSE PROVIDED DRAWINGS AND OWNER.
- ET1 PROVIDE RECESSED WEATHERPROOF BOX FOR FUTURE ACCESS POINT.
- ET2 PROVIDE SLEEVE FOR FUTURE USE WITHIN MASONRY BASE OF STRUCTURE. CAP BOTH ENDS OF SLEEVE.
- ET3 COORDINATE LOCATION OF DATA DROPS WITH GREENHOUSE MANUFACTURER PROVIDED DRAWINGS PRIOR TO INSTALLATION.
- ET4 PROVIDE WEATHERPROOF ENCLOSURE FOR WALL TELEPHONE. MOUNT ON METAL GREENHOUSE STRUCTURE. COORDINATE FINAL LOCATION OF WALL TELEPHONE WITH GREENHOUSE MANUFACTURER PROVIDED DRAWINGS.
- ET5 PROVIDE NECESSARY WEATHERPROOF BOXES AND FITTINGS FOR DATA DEVICES WITHIN GREENHOUSE.

GENERAL POWER NOTES:

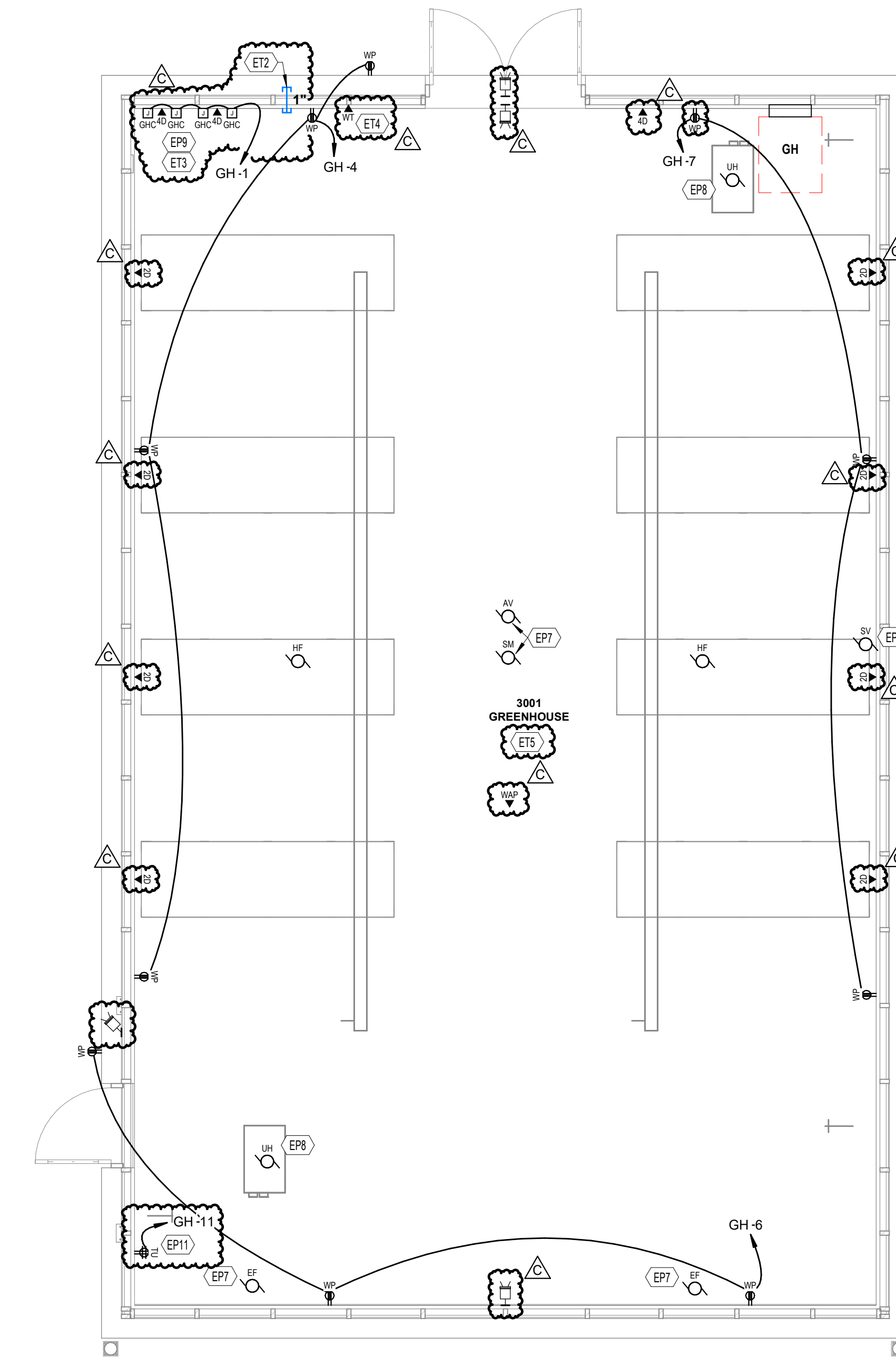
- A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.
- B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT TYPES AND CONTRACTOR RESPONSIBILITIES. STARTER AND DISCONNECT LOCATIONS TO BE NEAR EQUIPMENT WITH PROPER CLEARANCE AND WORKING SPACE PER NEC. COORDINATE MOUNTING WITH OTHER DISCIPLINES.
- C. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.
- D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES IN LOCATIONS AS REQUIRED BY NEC 406.12 SHALL BE TAMPER-RESISTANT RECEPTACLES.
- F. COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING ROUGH-IN LOCATION, CONNECTION TYPE, AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- G. PRIOR TO DEVICE ROUGH-IN, REFER TO E000 SERIES SHEETS FOR DEVICE LEGENDS AND SPECIALTY INFORMATION.
- H. PRIOR TO DEVICE ROUGH-IN, REFER TO E500 SERIES SHEETS FOR SPECIALTY MOUNTING DETAILS.

GENERAL TECHNOLOGY NOTES:

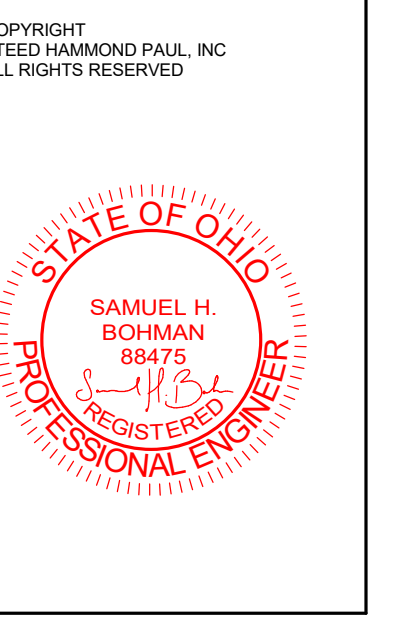
- A. REFER TO E000 SERIES SHEETS FOR TECHNOLOGY RESPONSIBILITY MATRIX.
- B. COORDINATE FINAL LOCATION OF TECHNOLOGY DEVICES WITH DIV 27. PRIOR TO INSTALLATION.



1 POWER PLAN - BARN
E201 1/4" = 1'-0"



2 POWER PLAN - GREENHOUSE
E201 1/4" = 1'-0"



JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
JEFFERSON TOWNSHIP AGED FACILITY
 2701 SOUTH UNION ROAD, DAYTON, OH 45417
 JEFFERSON TOWNSHIP LOCAL SCHOOL DISTRICT
 2625 South Union Road, Dayton, OH 45417

ISSUANCES

NO.	DATE	DESCRIPTION
	03-01-24	DESIGN DEVELOPMENT
	04-09-24	ISSN CD
A	04-18-24	BID/PERMIT SET
B	04-30-24	ADDENDUM 1
C	05-03-24	ADDENDUM 2

POWER PLANS
- BARN AND
GREENHOUSE

COMM NO. 2024006.01

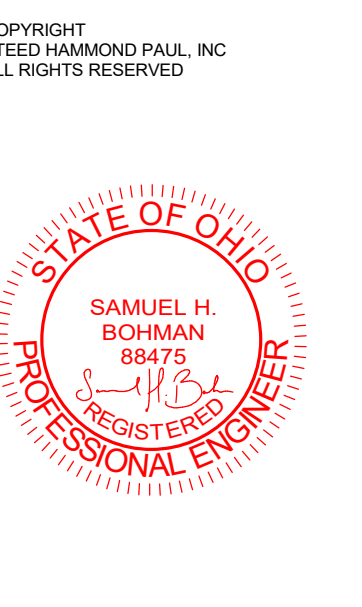
E201

GENERAL NOTES - SITE PLAN

- A. COORDINATE SCHEDULE OF WORK WITH CONSTRUCTION MANAGER.
- B. PERFORM ALL EXCAVATION, TRENCHING AND BACKFILL REQUIRED FOR THE INSTALLATION OF THIS WORK. ALL BACKFILL SHALL BE BROUGHT TO FINISHED GRADE AND MATCH SURROUNDING CONDITIONS. RESTORE ALL DISTURBED PAVING AND LANDSCAPING TO ORIGINAL CONDITIONS. PULL BOXES SHALL BE PROVIDED OF THE TYPE MEETING THE REQUIREMENTS AND CONDITIONS FOR THE USE INTENDED. PROVIDE QUANTITY AND TYPE OF PULL BOXES TO MEET INSTALLATION REQUIREMENTS.
- C. COORDINATE DEPTH AND ROUTING OF UNDERGROUND WORK WITH OTHER SITE UTILITIES.
- D. COORDINATE ALL SITE CONDUIT ROUTING WITH OTHER DISCIPLINES. ROUTING SHOWN ON DRAWINGS IS FOR REFERENCE ONLY AND MAY BE MODIFIED TO ACCOMMODATE FOR SITE CONDITIONS.

KEYNOTES

- ES1 ROUTE FROM UNDERGROUND, UP BUILDING EXTERIOR WALL TO CEILING LEVEL. PROVIDE PROTECTIVE COVER FOR CONDUIT ON EXTERIOR WALL. COORDINATE PROTECTIVE COVER WITH ARCHITECT. ROUTE TECHNOLOGY CONDUIT TO IT ROOM. COORDINATE EXACT ROUTING WITH OWNER.
- ES2 VERIFY EXACT ROUTING OF CONDUIT IN FIELD PRIOR TO INSTALLATION.
- ES3 ROUTE FROM UNDERGROUND, UP BUILDING EXTERIOR WALL TO CEILING LEVEL AND INTO BUILDING. PROVIDE PROTECTIVE COVER ALONG EXTERIOR WALL. COORDINATE PROTECTIVE COVER WITH ARCHITECT.



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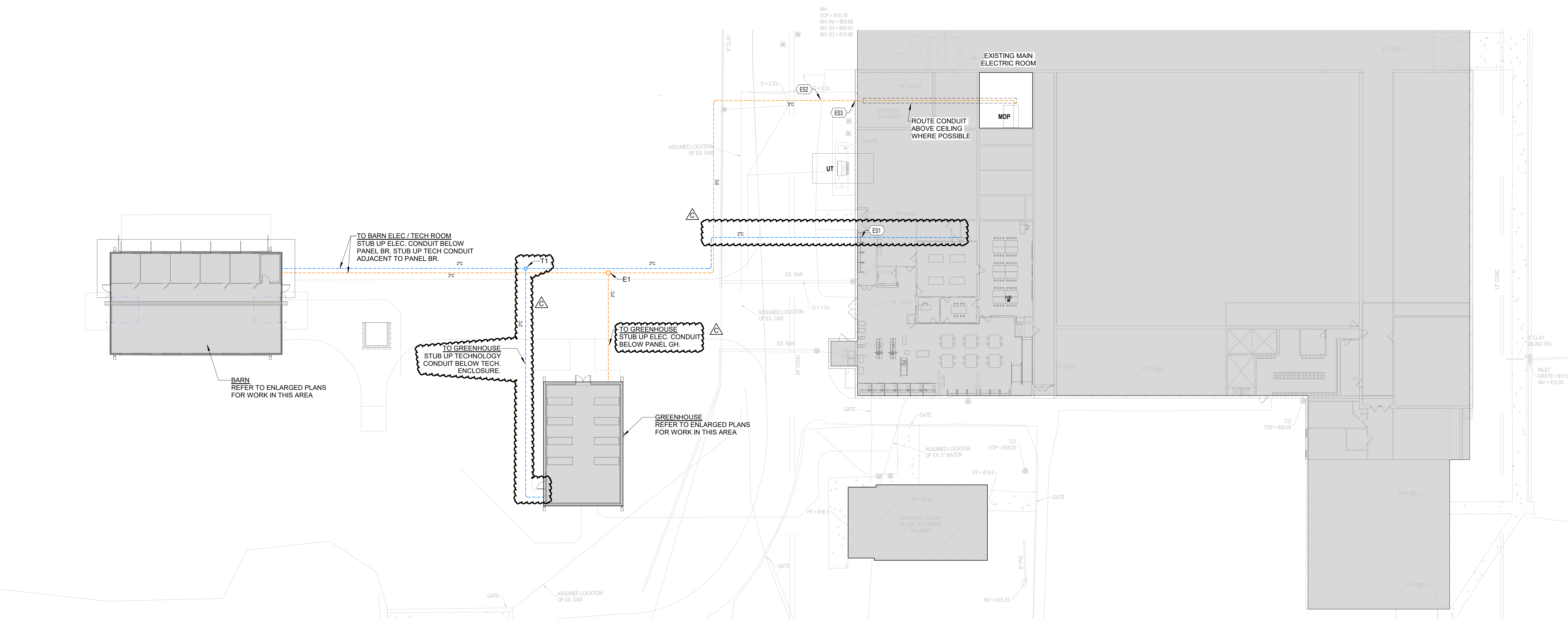
ISSUANCES

03-01-24	DESIGN DEVELOPMENT
04-09-24	10% CD
A 04-18-24	BID/PERMIT SET
C 05-03-24	ADDENDUM 2

ELECTRICAL SITE PLAN

COMM NO. 2024006.01

E700



1 ELECTRICAL SITE PLAN
 E700 1" = 20'-0"