

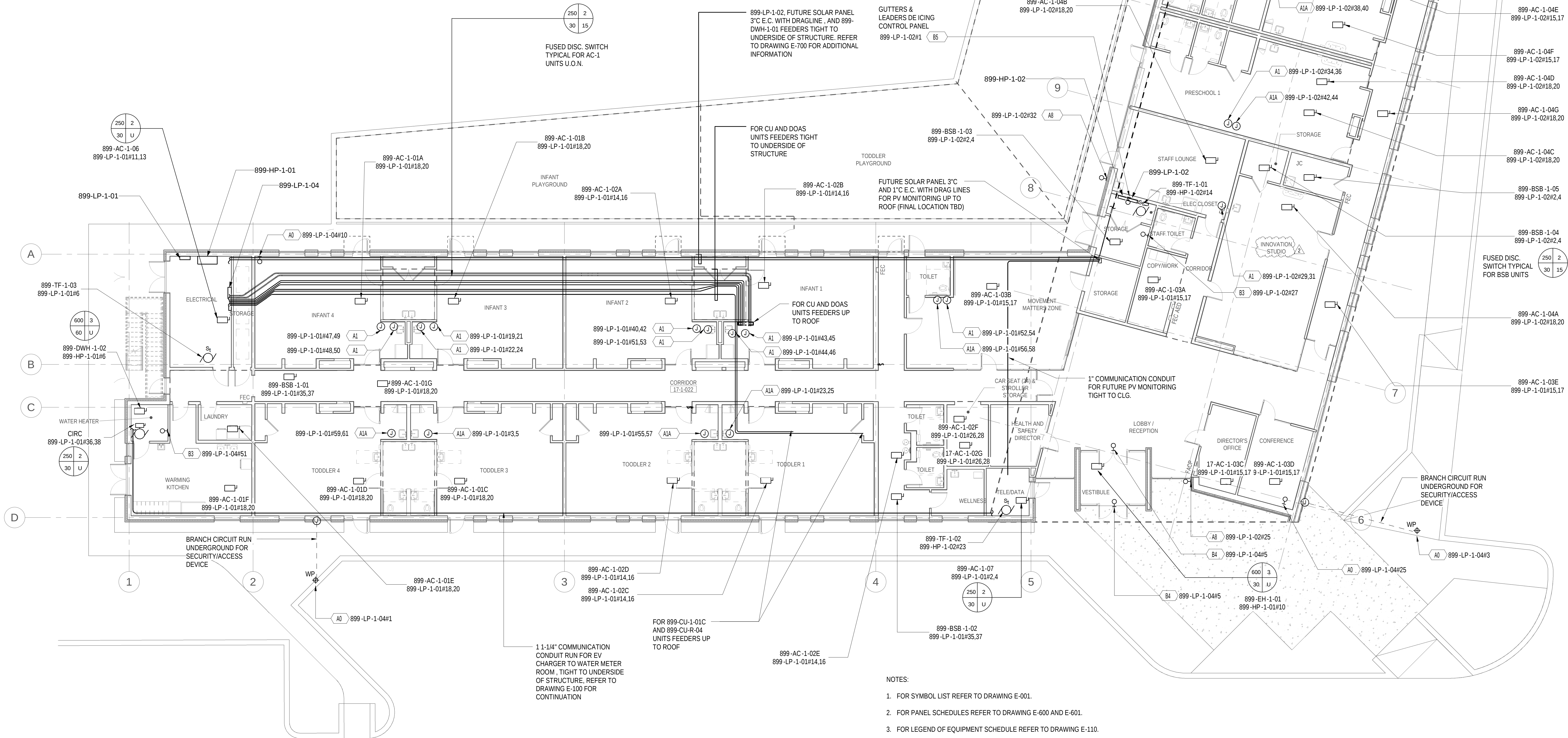
FILE: BIA-360-0006-3000-000 - Regeneron Day-Care Facility Tarrytown210104_TTCX Daycare_E-2020-04 PLOTTED ON: 11/17/21

LEGEND OF EQUIPMENT									
IDENTIFICATION SYMBOL	EQUIPMENT DESCRIPTION	ELECTRICAL RATING					ELECTRICAL WORK NOTES REFERENCE SYMBOL		
		KW	KVA	HP	EQUIPMENT AMPS	OUTLET AMPS			
A1	EACH--HEAT MAT - SEE DETAIL 'M' IN DWG. E-502 FOR ADDITIONAL INFORMATION. JUNCTION BOX TO BE LOCATED IN THE ACCESSIBLE CEILING ABOVE ROOM THERMOSTATS				20	208	1	2+G	1 14 40 106
A1A	EACH--HEAT MAT - SEE DETAIL 'M' IN DWG. E-502 FOR ADDITIONAL INFORMATION. JUNCTION BOX TO BE LOCATED IN THE ACCESSIBLE CEILING ABOVE ROOM THERMOSTATS				30	208	1	2+G	1 14 40 106
A2	EACH--POWER SUPPLY FOR ELECTRIC DRYER					50	2	3	8 40
A3	EACH--POWER SUPPLY FOR ELECTRIC WASHER					20	1	2	8 40
A4	EACH--POWER SUPPLY FOR REFRIGERATOR					20	1	2	8 40
A5	EACH--POWER SUPPLY FOR DISHWASHER				30.5	208	2	3	38 40 41
A6	EACH--POWER SUPPLY FOR LEAK DETECTION SYS.					20	1	2	8 40
A7	EACH--POWER SUPPLY FOR GUTTERS & LEADERS SELF REGULATING HEATING CABLES. REFER TO DETAIL 'M' IN DRAWING E-502 FOR ADDITIONAL INFORMATION					30	1	2	1 40 106
A8	EACH--POWER SUPPLY FOR HEAT TRACE SWIFT SPRINKLER/PLUMBING PIPES REFER TO DETAIL 'M' AND 'M' IN DRAWING E-502 FOR ADDITIONAL INFORMATION					20	1	2	1 3 24 106 105
A9	EACH--POWER FOR DRINKING FOUNTAIN/ WATER COOLER					120	1	2	1 41 106
A0	EACH--POWER SUPPLY SECURITY DEVICE					20	1	2	4 40
B1	EACH--POWER SUPPLY WIRE MOLD SURFACE MOUNTED WIREMOLD WITH 20AMPS 120V DUPLEX OUTLETS 24" ON CENTER WIDE ON ALTERNATE CIRCUITS					20	1	2	4 40
B2	EACH--POWER SUPPLY MICROWAVE					20	1	2	4 40
B3	EACH--POWER SUPPLY PLUMBING TRAP PRIMERS					20	1	2	4 40
B4	EACH--POWER SUPPLY AUTOMATIC DOOR					20	1	2	4 40
B5	EACH--POWER SUPPLY FOR GUTTERS AND LEADER DE ICING CONTROL PANEL REFER TO DETAIL 'M' IN DRAWING E-502 FOR ADDITIONAL INFORMATION					20	1	2	4 40

WORK NOTES FOR LEGEND OF EQUIPMENT ITEMS

1. EXTEND INDICATED POWER CIRCUIT AND CONNECT SAME TO THE LINE TERMINALS OF THE EQUIPMENT--THE FINAL PORTION (NOT TO EXCEED 48" IN LENGTH) SHALL BE WITH FLEXIBLE METALLIC CONDUIT.
2. PROVIDE THE CONTROL CIRCUITRY UTILIZING WIRING METHOD AND SIZING AS SPECIFIED FOR MOTOR CONTROLS.
3. PROVIDE SUITABLE PLATE ON OUTLET BOX--PROVIDE "SOLID" POWER CIRCUIT CONNECTION TO EQUIPMENT CONSISTING OF FLEXIBLE METALLIC CONDUIT CONTAINING WIRES OF SIZE AND TYPE EQUAL TO THOSE SUPPLYING THE OUTLET--NUMBER OF WIRES SHALL BE AS REQUIRED FOR THE EQUIPMENT FOR FUSH OUTLET BOX. PROVIDE EXTENSION COLLAR TO ALLOW FOR SIDE ENTRY OF CONNECTION.
4. PROVIDE POWER CIRCUIT WIRING BETWEEN THE VARIOUS COMPONENTS OF THE EQUIPMENT AS DIRECTED.
8. INSERT PLUG OF EQUIPMENT INTO RECEPTACLE.
14. INSTALL CONTROL DEVICES FURNISHED SEPARATE FROM ELECTRIC WORK AND PROVIDE CONTROL WIRING BETWEEN SAME AS DIRECTED.
24. PROVIDE 8.0 WATTS PER LINEAR FOOT (OUTPUT RATING) PIPE HEATER STRIP AS PER DETAIL 'M' OF LENGTH AS NOTED ON PLANS WITHIN EQUIPMENT DESIGNATION SYMBOL.
39. PROVIDE DISCONNECT MEANS WITH CONNECTIONS AS REQUIRED TO INTERPOSE SAME BETWEEN TERMINATION OF BUILDING WIRING AND LINE TERMINALS OF UNIT--TYPE OF DISCONNECT MEANS AND MOUNTING LOCATION TO BE IN ACCORDANCE WITH INSTRUCTIONS ISSUED BY THE MANUFACTURER OF THE UNIT.
40. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING, APPURTENANCES AND CONNECTIONS AS REQUIRED FOR A COMPLETE INSTALLATION AS PER INSTRUCTIONS ISSUED BY SYSTEM VENDOR FINAL LOCATION FOR THIS ITEM SHALL BE COORDINATED WITH ARCHITECT.
41. CONTRACTOR TO PROVIDE HARD WIRED CONNECTIONS OR NEMA TYPE RECEPTACLES FOR KITCHEN APPLIANCE AS PER MANUFACTURER REQUIREMENTS.
103. PROVIDE 30MA GROUND FAULT PROTECTION.
104. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND QUANTITY OF THIS ITEM AND ASSOCIATED DUCT SMOKE DETECTORS.
105. PROVIDE ALL HEAT TRACING APPURTENANCES, ETC. AS PER MANUFACTURER REQUIREMENTS. FINAL LOCATION AND LENGTH OF HEAT TRACE PIPING SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING TRADE.
106. THE CIRCUIT BREAKER FEEDING THIS ITEM SHALL BE GFI TYPE.
108. EXTEND INDICATED POWER CIRCUIT AND CONNECT SAME TO THE LINE TERMINALS OF THE EQUIPMENT--THE FINAL PORTION (NOT TO EXCEED 48" IN LENGTH) SHALL BE WITH LIQUDTIGHT CONDUIT.

899-DWH-1-01 FEEDER TIGHT TO UNDERSIDE OF STRUCTURE. REFER TO DRAWING E-700 FOR ADDITIONAL INFORMATION



NOTES:

1. FOR SYMBOL LIST REFER TO DRAWING E-001.
2. FOR PANEL SCHEDULES REFER TO DRAWING E-600 AND E-601.
3. FOR LEGEND OF EQUIPMENT SCHEDULE REFER TO DRAWING E-110.
4. FOR ONE-LINE DIAGRAM REFER TO DRAWING E-700.
5. COORDINATE FINAL LOCATIONS OF PLUMBING, SPRINKLER, MECHANICAL, AVIT, SECURITY, ETC. DEVICES WITH RESPECTIVE TRADES.
6. RECEPTACLES INSTALLED ON THE EXTERIOR OF THE BUILDING SHALL BE PROVIDED WITH WEATHER PROOF PROTECTIVE COVERING.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATION ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.

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Building #17 Campus Expansion Child Day-care Center

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Project No. B17-DAYCARE

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MEP / IT / Security Engineer

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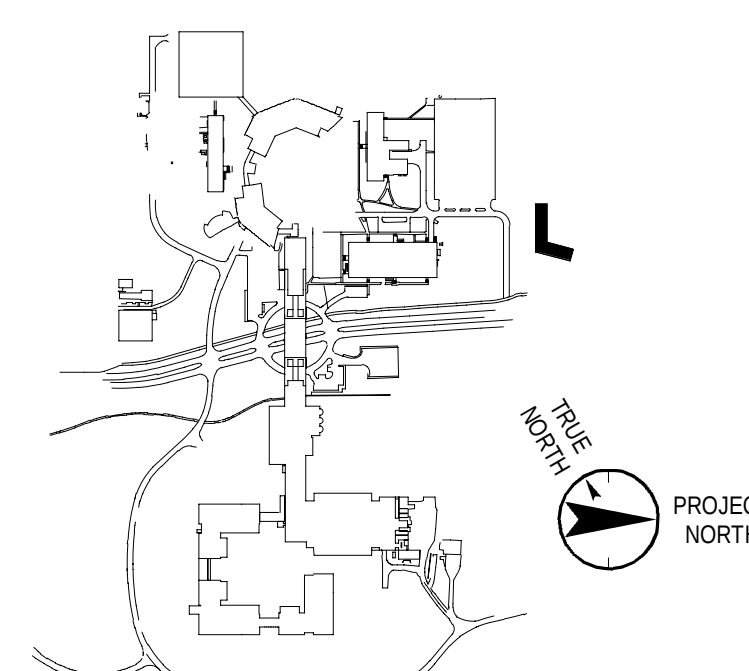
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Key Plan



No. Date Description

- | | | |
|---|------------|-------------------------------|
| 0 | 06.20.2022 | ISSUED FOR PERMIT |
| 1 | 06.22.2022 | 100% CONSTRUCTION DOCUMENTS |
| 2 | 07.01.2022 | 100% CONSTRUCTION DOCUMENTS-1 |

Plot Date: 07.01.2022

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Professional Seal and Signature

Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: Electrical
Drawn By: AL
**ELECTRICAL EQUIPMENT
POWER PLAN - 1ST FLOOR**

Scale: 1/8" = 1'-0" Floor:

E-110