

777 Old Saw Mill River Road
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Building #17
Campus Expansion Child
Day-care Center

899 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

Architect

Gensler

1700 Broadway, Suite 400
New York, NY 10019
(212) 492-1400 Phone
(212) 492-1472 Fax

Structural Engineer

Thornton Tomasetti
120 Broadway, 15th Floor
New York, NY 10271
(917) 661-7800 Phone
(917) 661-7801 Fax

MEP / IT / Security Engineer

Cosentini Associates
498 Seventh Avenue
New York, NY 10018
(212) 615-3600 Phone
(212) 615-3700 Fax

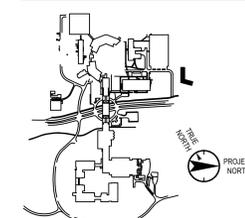
Civil Engineer

JMC
120 Bedford Road
Armonk, NY 10504
(914) 273-5225 Phone
(914) 273-2102 Fax

Landscape Architect

Langan
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
(212) 479-5400 Phone
(212) 479-5444 Fax

Key Plan



No.	Date	Description
0	06.20.2022	100% CONSTRUCTION DOCUMENTS
1	07.01.2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07.01.2022

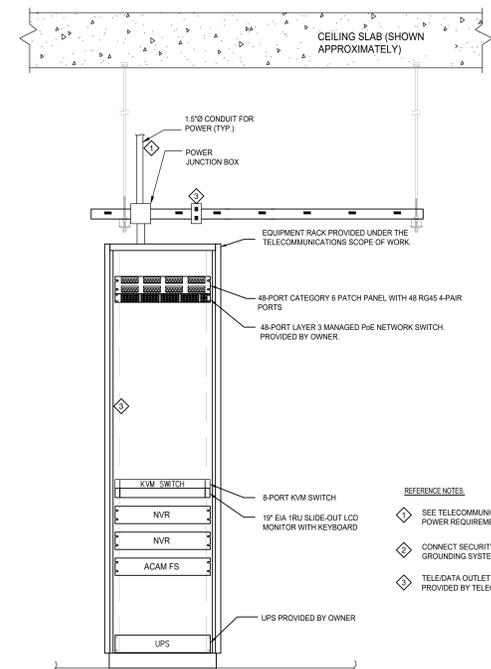
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Professional Seal and Signature

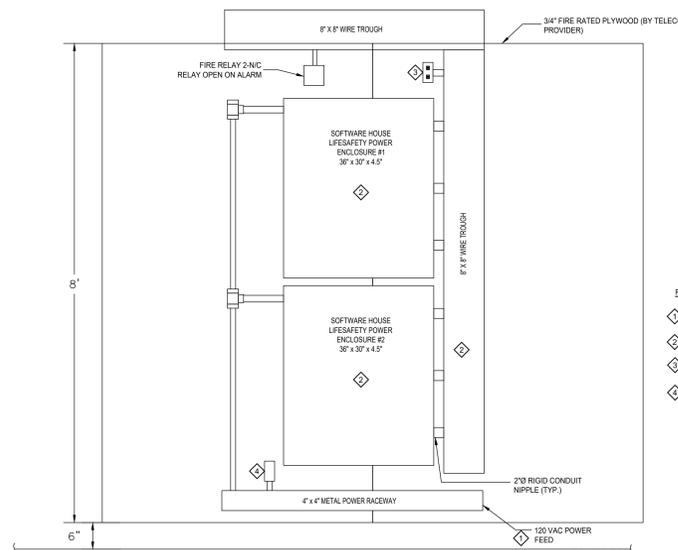
Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: SECURITY Drawn By: PG
**SECURITY WIRING RISER
DIAGRAM & EQUIPMENT
ELEVATIONS**

Scale: AS NOTED Floor:

TY-700



2 IT ROOM SECURITY EQUIPMENT CABINET ELEVATION
SCALE: 1"=1'-0"



2A IT ROOM SECURITY WALLFIELD ELEVATION
SCALE: 1"=1'-0"

- REFERENCE NOTES**
- SEE TELECOMMUNICATIONS DRAWINGS FOR THE RACK POWER REQUIREMENTS.
 - CONNECT SECURITY EQUIPMENT TO THE TELECOM GROUNDING SYSTEM.
 - TELEDATA OUTLET WITH (2) RJ-45 NETWORK DROPS PROVIDED BY TELECOMMUNICATION SERVICE CONTRACTOR.

- REFERENCE NOTES**
- PROVIDE (2) 120 VAC 20A EMERGENCY CIRCUIT FOR SECURITY EQUIPMENT. PROVIDED BY ELECTRICAL CONTRACTOR.
 - CONNECT SECURITY EQUIPMENT TO THE TELECOM GROUNDING SYSTEM.
 - DATA OUTLET WITH (2) DATA JACKS. COORDINATE EXACT LOCATION IN THE FIELD.
 - CONVENIENCE 120VAC OUTLET. LOCATION SHOWN APPROXIMATELY. COORDINATE EXACT LOCATION IN THE FIELD.

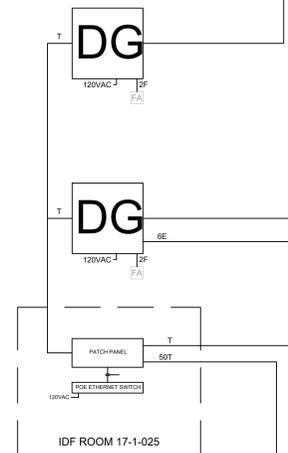
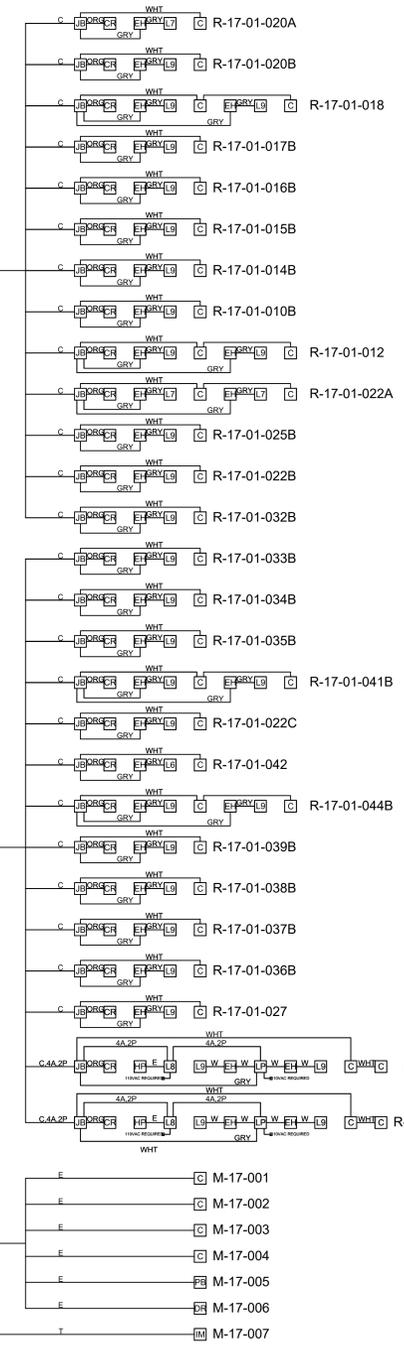
NOTES

- LOCAL INTERCONNECTING WIRING MAY BE REQUIRED AT FIELD DEVICES AND/OR HEAD END DEVICES WHICH MAY NOT BE DEPICTED ON DRAWINGS. THIS WORK SHALL BE CONSIDERED WITHIN THE BASE SCOPE OF THIS PROJECT.
- ALL MECHANICAL DOOR HARDWARE SHALL MEET APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION AND SHALL NOT IN ANY WAY DELAY OR IMPED EGRESS AS REQUIRED BY LAW.
- INSTALLING CONTRACTOR SHALL FILE FOR AND RECEIVE PERMITS AND ARRANGE FOR INSPECTIONS. SYSTEM SHALL NOT BE ACTIVATED UNTIL FINAL APPROVAL IS RECEIVED FROM INSTALLING CONTRACTOR.
- ALL PENETRATIONS OF FIRE WALLS AND MEMBRANES SHALL BE FIRE STOPPED TO MEET LOCAL BUILDING CODE. INSTALLATION OF DEVICES, CABLES, CONDUIT, POWER SHALL MEET ALL LOCAL BUILDING CODES.
- ALL ELECTROMAGNETIC LOCKS AND FAIL SAFE ELECTRIC LOCKS SHALL BE TIED INTO FIRE ALARM SYSTEM INTERFACE.
- THE MOUNTING HEIGHTS FOR THE DEVICES WILL CONFORM TO ADA REQUIREMENTS.
- 1-120VAC 20AMP BREAKER ON EMERGENCY POWER CIRCUIT REQUIRED TO POWER EACH DGP PANEL.
- DGP PANELS TO BE LOCATED IN THE FIELD BY A REPRESENTATIVE OF REGENERON.
- 1-120VAC 20AMP BREAKER REQUIRED TO POWER EACH AUTOMATIC DOOR OPENER.
- POWER SUPPLY TO BE INSTALLED ABOVE CEILING IN AN ACCESSIBLE LOCATION. 1-120VAC 20AMP BREAKER REQUIRED.

CABLE LEGEND

- A - 2 COND/22 GA NON-SHIELDED WEST PENN WIRE #25221B
- B - 2 COND/18 GA NON-SHIELDED WEST PENN WIRE #25224B
- C - ACCESS CONTROL COMPOSITE CABLE WEST PENN PART #AC251822B
- D - 6 COND/22 GA W/OVERALL SHIELD WEST PENN WIRE #253270B
- E - 4 COND/22 GA NON-SHIELDED WEST PENN WIRE #25241B
- F - 2 COND/18 GA SOLID FPLP WIRED JACKET
- G - RG-59U W/20 GA CENTER COND WEST PENN WIRE #25815
- H - 15COND/22 GA W/OVERALL SHIELD WEST PENN WIRE #253274B
- I - 3 TWISTED PAIR/24 GA W/SHIELD LOW CAPACITANCE
- J - 8 COND/18 GA NON-SHIELDED WEST PENN WIRE #25188B
- K - 10 COND/22 GA NON-SHIELDED WEST PENN WIRE #25272B
- L - 2 TWISTED PAIR/22 GA W/SHIELD LOW CAPACITANCE
- M - RG-6U W/18 GA CENTER COND WEST PENN WIRE #25806
- N - 6 PAIR/22 GA W/SHIELD WEST PENN WIRE #D253654
- O - 8 COND/18 GA NON-SHIELDED WEST PENN WIRE #25188B
- P - 4 COND/18 GA W/OVERALL SHIELD WEST PENN WIRE #25244B
- R - 3 TWISTED PAIR/22 GA BELDEN WIRE #88742
- S - 1 TWISTED PAIR/18 GA SHIELDED BELDEN WIRE #8760
- T - CAT 6 CABLE SPECIALLY DESIGNED FOR INTERNET
- U - 2COND/12GA NON-SHIELDED WEST PENN WIRE #25227B
- V - 4COND/12 GA NON-SHIELDED WEST PENN WIRE #25248B
- W - 4COND/14 GA NON-SHIELDED WEST PENN WIRE #25246B

- C - ACCESS CONTROL CABLE LEGEND**
- DOOR LOCK - GRAY CABLE 4COND/18 GA -GRY
 - CARD READER - ORANGE CABLE 6COND/22 GA -ORG
 - DOOR CONTACT - WHITE CABLE 2COND/22 GA -WHT
 - REQUEST TO EXIT - BLUE CABLE 4COND/22 GA -BLU



TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS 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.