

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
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www.regeneron.com

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
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MEP / IT / Security Engineer
Cosentini Associates
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(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

ABBREVIATIONS	
A	AMPERES
AC	ABOVE COUNTER
ACAM	ACCESS CONTROL ALARM MONITORING SYSTEM
ACS	ACCESS CONTROL SYSTEM
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CAT	CATALOG
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
COND	CONDUCTOR
CU	COPPER
DWG	DRAWING
EAS	ELECTRONIC ARTICLE SURVEILLANCE
EC	EMPTY CONDUIT
EM	EMERGENCY
EX	EXISTING
FAILS	FIRE ALARM LIFE/SAFETY SYSTEM
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GC	GENERAL CONTRACTOR
HC	HUNG CEILING
Hz	HERTZ
IAS	INTRUSION ALARM SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
LV	LOW VOLTAGE
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME
MER	MECHANICAL EQUIPMENT ROOM
MIN	MINIMUM
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
N	NEUTRAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
No.	NUMBER
NTS	NOT TO SCALE
PA	PUBLIC ADDRESS
PNL	PANEL
PTZ	PAN/TILT/ZOOM
REX	REQUEST TO EXIT
RM	ROOM
STP	SHIELDED TWISTED PAIR
XFRM	TRANSFORMER
TBD	TO BE DETERMINED
TBL	TELECOMMUNICATIONS
TLR	TIME LAPSE RECORDER
TS	TAMPER SWITCH
YTB	TELECOMMUNICATIONS TERMINAL BOARD
YTC	TELECOMMUNICATIONS TERMINAL CABINET
TV	TELEVISION
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
VA	VOLT-AMPERES
VM	VOLTMETER
VP	VAPOR PROOF
W	WATTS
WP	WATERPROOF
WT	WATERTIGHT

LEGEND	
[C]	RECESSED DOOR CONTACT
[CR]	CARD READER
[CK]	CARD READER W/IT KEYPAD
[CD]	OVERHEAD DOOR CONTACT
[CS]	SURFACE MOUNT CONTACT
[DC]	ARMORED DOOR CHORD
[DG]	DATA GATHERING PANELS
[DR]	DOOR RELEASE PUSH BUTTON
[EC]	EMERGENCY CALL BOX
[ACAM]	ACCESS CONTROL ALARM MONITORING WORKSTATION
[EI]	REQUEST TO EXIT MOTION DETECTOR
[EP]	ELECTRIC POWER TRANSFER HINGE
[HP]	HANDICAP PUSH PLATE
[LI]	SINGLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[L2]	DOUBLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[LS]	ELECTRIC STRIKE FAIL SAFE
[L4]	ELECTRIC STRIKE FAIL SECURE
[L5]	ELECTRIC MORTISE LOCK FAIL SAFE WITH RX OPTION
[L6]	ELECTRIC MORTISE LOCK FAIL SECURE WITH RX OPTION
[L7]	EXIT DEVICE WITH ELECTRIFIED BREAKAWAY LEVER WITH REX OPTION
[L8]	AUTOMATIC SWINGING DOOR OPERATOR
[L9]	QUIET EXIT DEVICE WITH ELECTRIC LATCH RETRACTION WITH REX OPTION
[CCTV]	CCTV WORKSTATION
[MSP]	MINIMUM 60 WATT PSE MIDSPAN
[NVR]	NETWORK VIDEO RECORDER
[ACAM]	ACCESS CONTROL/ALARM MONITORING WORKSTATION
[C1]	FIXED SURVEILLANCE CCTV CAMERA
[C2]	OUTDOOR CAMERA
[C3]	OUTDOOR PAN/TILT/ZOOM CAMERA
[RC]	RECESSED IN CEILING
[WM]	WALL MOUNTED
[P]	PENDANT MOUNTED
[CM]	CEILING SURFACE MOUNTED
[CR]	CORNER MOUNTED
[PP]	DATA PATCH PANEL
[SW]	NETWORK SWITCH
[WF]	SECURITY WALLFIELD
[ACP]	SECURITY ACCESS CONTROL PANEL
[LPS]	LOCK POWER SUPPLY
[#]	# = NUMBER OF ELECTRIFIED HARDWARE CONNECTED
[FA]	FA ALARM INTERFACE RELAY
[DG]	DATA GATHERING PANEL
[EC]	EMERGENCY CALL BOX MOTOROLA (PROVIDED AND INSTALLED BY METROCOMM)

NOTE INDICATIONS	
◇	SEE NOTE ON THIS DRAWING. NOTE NUMBER INDICATED BY NUMERAL IN DIAMOND.
(123)	ROOM NUMBER INDICATED BY NUMERALS. ROOM DESIGNATION AS INDICATED IN SCHEDULE.
(X-1)	DRAWING No. DETAIL No.
(X-2)	STANDARD DETAIL No. DESIGNATION
(X-3)	DETAIL No. DESIGNATION ON DETAIL SHEET

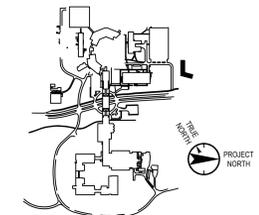
SECURITY JUNCTION BOXES	
[J1]	PROVIDE 12" X 12" X 4" DEEP BOX WITH LOCKING DOOR ABOVE CEILING, AS NOTED ON THE PLANS.
[J2]	PROVIDE 6" X 6" X 4" JUNCTION BOX WITH HINGED LOCKABLE COVER.
[J3]	PROVIDE 4" X 4" BOX.

DRAWING LIST	
TY-001	SECURITY GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
TY-100	SECURITY LEVEL 01 PLAN
TY-500	SECURITY DETAILS SHEET #1
TY-501	SECURITY DETAILS SHEET #2
TY-700	SECURITY WIRING RISER DIAGRAM & EQUIPMENT ELEVATIONS

GENERAL NOTES:

- PRIOR TO INSTALLATION, SECURITY CONTRACTOR SHALL COORDINATE WITH ARCHITECT FOR EACH SECURITY DEVICE EXACT LOCATION.
- SECURITY CONTRACTOR SHALL COORDINATE WITH WITH DOOR AND DOOR HARDWARE PROVIDER FOR ALL ELECTRIFIED LOCKS TYPES AND MODELS.
- SECURITY CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE SECURITY SYSTEMS POWER REQUIREMENTS.
- SECURITY CONTRACTOR SHALL COORDINATE WITH TELEDATA PROVIDER FOR SECURITY SYSTEM TELEDATA REQUIREMENTS.
- SECURITY CABLES THAT RUN ABOVE CEILING SHALL BE INSTALLED ON J-HOOKS. PROVIDE J-HOOKS SPACED 5 FEET APART.
- SECURITY CABLES RUN THROUGH AREAS WITH OPEN CEILING SHALL BE ENCLOSED TO THE CONDUITS. CONDUITS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ALL CONDUITS SHOWN ON SECURITY DRAWINGS ARE FOR SECURITY SYSTEMS ONLY.

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 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

Scale: NTS Floor:

TY-001

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

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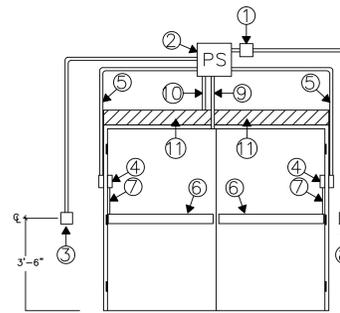
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Landscape Architect

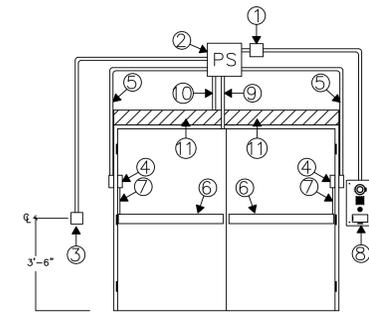
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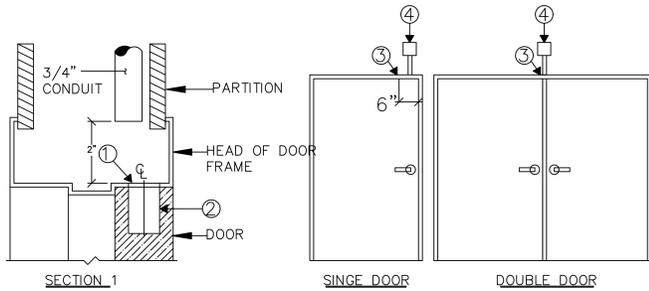
EXTERIOR DOUBLE DOOR WITH HANDICAP OPENER AND ELECTRIC LATCH RETRACTION

- ① PROVIDE 5" x 5" x 2 7/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR.
- ② POWER SUPPLY FOR ELECTRONIC PANIC BAR HARDWARE, PROVIDED BY OTHERS, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR. 120VAC REQUIRED
- ③ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH RAISED DEVICE COVER FLUSH MOUNTED 3'-6" A.F.F. FOR HANDWAVE EXIT BUTTONS.
- ④ VON DUPRIN EPT-10 ELECTRIC POWER TRANSFER DEVICE. PROVIDED BY OTHER.
- ⑤ PROVIDE 3/4" FLEXIBLE CONDUIT FROM ELECTRIC POWER TRANSFER DEVICE TO POWER SUPPLY FOR ELECTRONIC PANIC BAR HARDWARE.
- ⑥ VON DUPRIN ELECTRONIC PANIC BAR HARDWARE. PROVIDED BY OTHERS.
- ⑦ CABLE PATHWAY FOR ELECTRONIC PANIC BAR HARDWARE.
- ⑧ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED 3'-6" A.F.F. FOR CARD READER ON UNSECURED SIDE OF DOOR.
- ⑨ STUB 1/2" CONDUIT INTO HEAD OF DOOR FRAME FOR CONCEALED DOOR POSITION SWITCH. SEE DETAIL 1 ON THIS PAGE.
- ⑩ PROVIDE CONDUIT INTO AUTOMATIC DOOR OPENER FOR LOW VOLTAGE CONNECTIONS
- ⑪ RECORD DOOR OPERATORS TO BE SUPPLIED AND INSTALLED BY LONG ISLAND AUTOMATIC DOORS 85 SOUTH TERMINAL DRIVE, PLAINVIEW, NY 11803. PHONE: 516-931-2273. SALES FAX: 516-575-0041. ATTN: ANDREW CARR. EMAIL: andrewc@locksmith.com. 1 -120VAC BREAKER REQUIRED FOR DOOR OPENER.



EXTERIOR DOUBLE DOOR WITH HANDICAP OPENER AND ELECTRIC LATCH RETRACTION

- ① PROVIDE 5" x 5" x 2 7/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR.
- ② POWER SUPPLY FOR ELECTRONIC PANIC BAR HARDWARE, PROVIDED BY OTHERS, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR. 120VAC REQUIRED
- ③ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH RAISED DEVICE COVER FLUSH MOUNTED 3'-6" A.F.F. FOR HANDWAVE EXIT BUTTONS.
- ④ VON DUPRIN EPT-10 ELECTRIC POWER TRANSFER DEVICE. PROVIDED BY OTHER.
- ⑤ PROVIDE 3/4" FLEXIBLE CONDUIT FROM ELECTRIC POWER TRANSFER DEVICE TO POWER SUPPLY FOR ELECTRONIC PANIC BAR HARDWARE.
- ⑥ VON DUPRIN ELECTRONIC PANIC BAR HARDWARE. PROVIDED BY OTHERS.
- ⑦ CABLE PATHWAY FOR ELECTRONIC PANIC BAR HARDWARE.
- ⑧ AIPHONE SBX-IDVFA 11-11*16" x 7" x 3-5 *16" (top); 2-5 *16" (bottom SURFACE MOUNT BOX) MOUNTED 3'-6" A.F.F. FOR CARD READER/INTERCOM ON UNSECURED SIDE OF DOOR.
- ⑨ STUB 1/2" CONDUIT INTO HEAD OF DOOR FRAME FOR CONCEALED DOOR POSITION SWITCH. SEE DETAIL 1 ON THIS PAGE.
- ⑩ PROVIDE CONDUIT INTO AUTOMATIC DOOR OPENER FOR LOW VOLTAGE CONNECTIONS
- ⑪ RECORD DOOR OPERATORS TO BE SUPPLIED AND INSTALLED BY LONG ISLAND AUTOMATIC DOORS 85 SOUTH TERMINAL DRIVE, PLAINVIEW, NY 11803. PHONE: 516-931-2273. SALES FAX: 516-575-0041. ATTN: ANDREW CARR. EMAIL: andrewc@locksmith.com. 1 -120VAC BREAKER REQUIRED FOR DOOR OPENER.



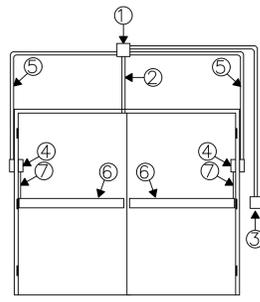
SECTION 1

- ① 15/16" DIA. HOLE IN HEAD OF FRAME 6" FROM STRIKE SIDE OF FRAME FOR CONCEALED DOOR POSITION SWITCH
- ② 15/16" x 1 5/8" DEEP HOLE IN TOP OF DOOR FOR CONCEALED DOOR POSITION SWITCH MAGNET.
- ③ STUB 1/2" CONDUIT INTO HEAD OF DOOR FRAME ON CENTER FOR DOUBLE DOOR OR 6" FROM STRIKE SIDE OF FRAME FOR SINGLE DOORS. SECTION 1
- ④ PROVIDE 4" x 4" x 2 1/8" DEEP JUNCTION BOX SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR.

1 TYPICAL CONDUIT REQUIREMENTS FOR DOORS WITH CONCEALED DOOR POSITION SWITCH

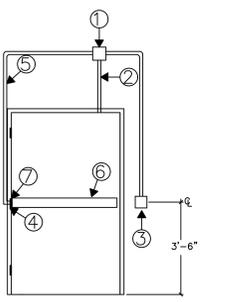
2 TYPICAL CONDUIT REQUIREMENTS EXTERIOR HANDICAP DOUBLE DOOR WITH QEL LATCH RETRACTION PANIC BAR HARDWARE, ELECTRIC TRANSFER DEVICE, CARD READER AND DOOR POSITION CONTACTS

3 TYPICAL CONDUIT REQUIREMENTS EXTERIOR HANDICAP DOUBLE DOOR WITH QEL LATCH RETRACTION PANIC BAR HARDWARE, ELECTRIC TRANSFER DEVICE, CARD READER AND DOOR POSITION CONTACTS



DOUBLE DOOR WITH QEL LATCH RETRACTION

- ① PROVIDE 5" x 5" x 2 7/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURED SIDE OF DOOR.
- ② STUB 1/2" CONDUIT INTO HEAD OF DOOR FRAME FOR CONCEALED DOOR POSITION SWITCH. SEE DETAIL 1 ON THIS PAGE.
- ③ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED 3'-6" A.F.F. FOR CARD READER ON UNSECURED SIDE OF DOOR.
- ④ ELECTRIC POWER TRANSFER DEVICE. PROVIDED BY OTHERS.
- ⑤ PROVIDE 3/4" FLEXIBLE CONDUIT FROM ELECTRIC POWER TRANSFER DEVICE TO JUNCTION BOX.
- ⑥ VON DUPRIN ELECTRONIC PANIC BAR HARDWARE. PROVIDED BY OTHERS.
- ⑦ CABLE PATHWAY FOR ELECTRONIC PANIC BAR HARDWARE.

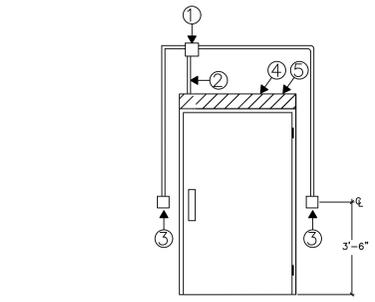


SINGLE DOOR WITH QEL LATCH RETRACTION

- ① PROVIDE 5" x 5" x 2 7/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURED SIDE OF DOOR.
- ② STUB 1/2" CONDUIT INTO HEAD OF DOOR FRAME FOR CONCEALED DOOR POSITION SWITCH. SEE DETAIL 1 ON THIS PAGE.
- ③ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED 3'-6" A.F.F. FOR CARD READER ON UNSECURED SIDE OF DOOR.
- ④ ELECTRIC POWER TRANSFER DEVICE. PROVIDED BY OTHERS.
- ⑤ PROVIDE 3/4" FLEXIBLE CONDUIT FROM ELECTRIC POWER TRANSFER DEVICE TO JUNCTION BOX.
- ⑥ VON DUPRIN ELECTRONIC PANIC BAR HARDWARE. PROVIDED BY OTHERS.
- ⑦ CABLE PATHWAY FOR ELECTRONIC PANIC BAR HARDWARE.

TYPICAL CONDUIT REQUIREMENTS EXTERIOR HANDICAP DOUBLE DOOR WITH ELECTRIC LATCH RETRACTION PANIC BAR HARDWARE, ELECTRIC TRANSFER DEVICE, CARD READER IN BOLLARD AND DOOR POSITION CONTACTS

5 TYPICAL CONDUIT REQUIREMENTS INTERIOR SINGLE DOOR WITH ELECTRIFIED OUTSIDE TRIM PANIC BAR HARDWARE, ELECTRIC TRANSFER DEVICE, CARD READER AND DOOR POSITION CONTACT

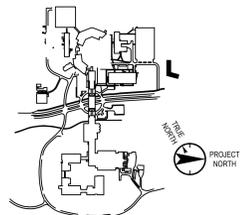


DOORS WITH AUTO OPENER

- ① PROVIDE 5" x 5" x 2 7/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE, SURFACE MOUNTED ABOVE DOOR, ABOVE ACCESSIBLE CEILING, ON SECURE SIDE OF DOOR.
- ② PROVIDE CONDUIT INTO AUTOMATIC DOOR OPENER FOR LOW VOLTAGE CONNECTIONS
- ③ PROVIDE 3/4" CONDUIT AND 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED 3'-6" A.F.F. FOR HAND WAVE SENSOR.
- ④ RECORD DOOR OPERATORS TO BE SUPPLIED AND INSTALLED BY LONG ISLAND AUTOMATIC DOORS 85 SOUTH TERMINAL DRIVE, PLAINVIEW, NY 11803. PHONE: 516-931-2273. SALES FAX: 516-575-0041. ATTN: ANDREW CARR. EMAIL: andrewc@locksmith.com.
- ⑤ 1 -120VAC BREAKER REQUIRED FOR DOOR OPENER.

6 TYPICAL CONDUIT REQUIREMENTS DOOR WITH AUTOMATIC OPENER, IN AND OUT HAND WAVE SENSORS.

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 DETAILS
SHEET #1

Scale: NTS Floor:

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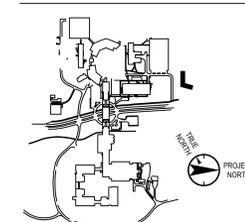
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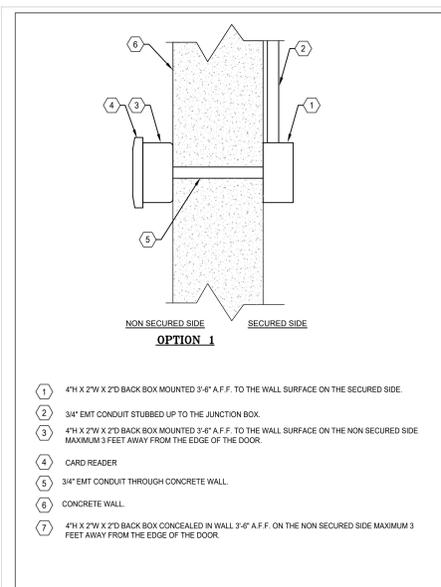
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Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: SECURITY Drawn By: PG
SECURITY DETAILS
SHEET #2

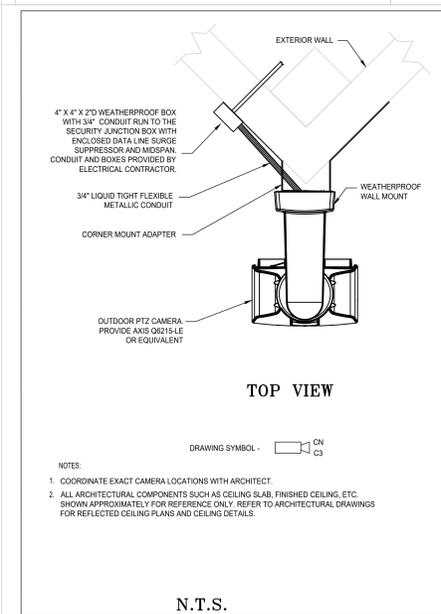
Scale: NTS Floor:

TY-501

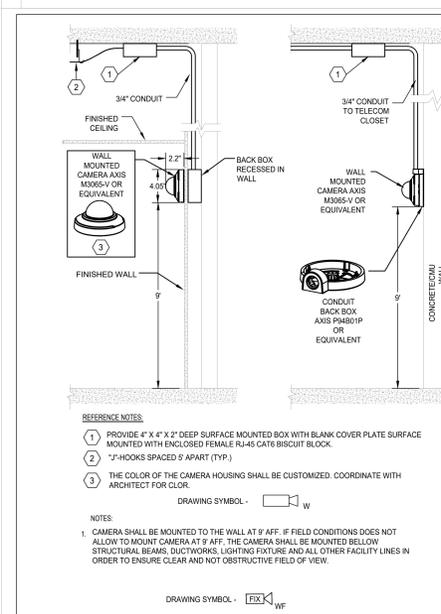
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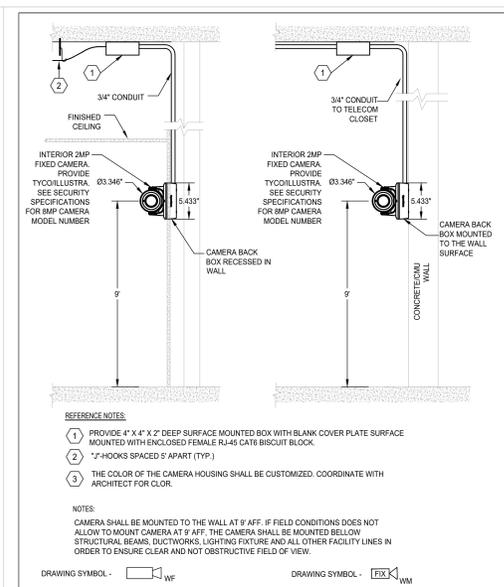
TYPICAL CARD READER CONCRETE WALL INSTALLATION DETAIL 01



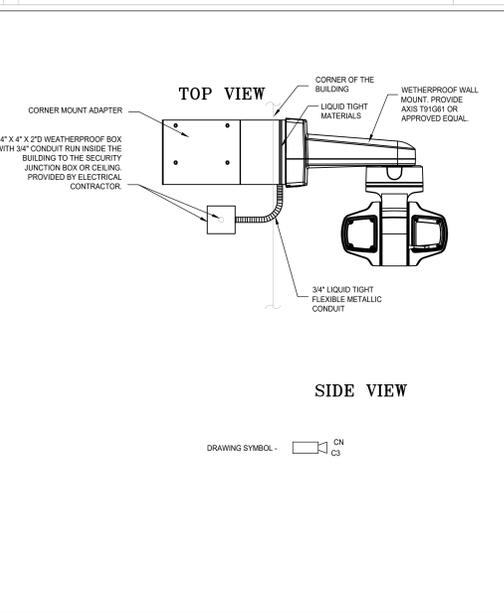
CORNER MOUNTED OUTDOOR PTZ CAMERA DETAIL 05



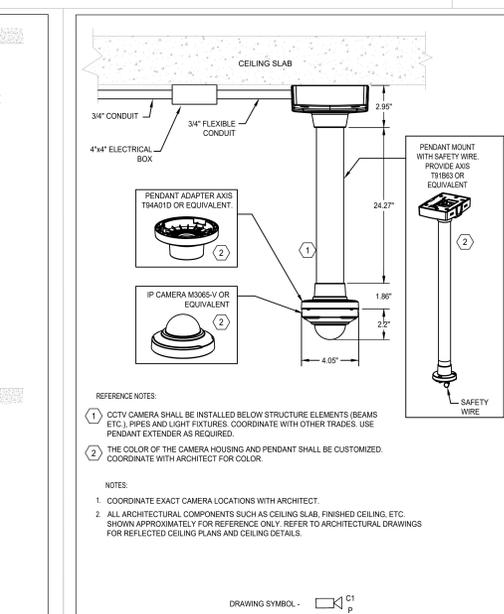
OPTIONAL WALL MOUNTED IP CAMERA 08



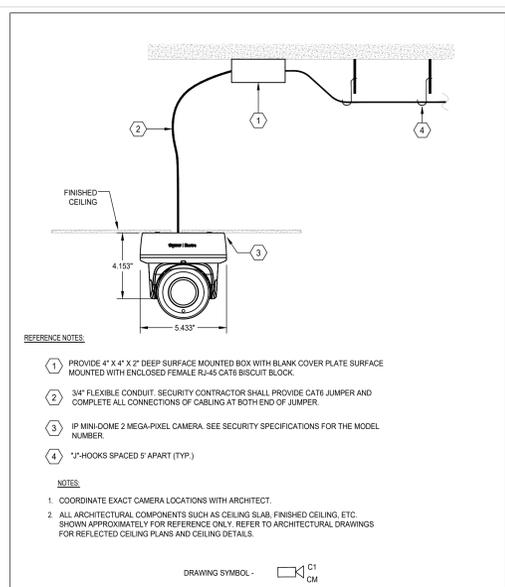
WALL MOUNTED IP CAMERA 02



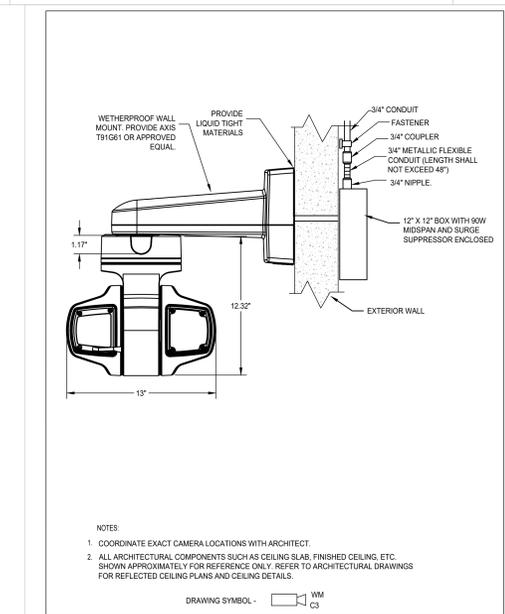
OUTDOOR WALL MOUNTED IP PTZ CAMERA 06



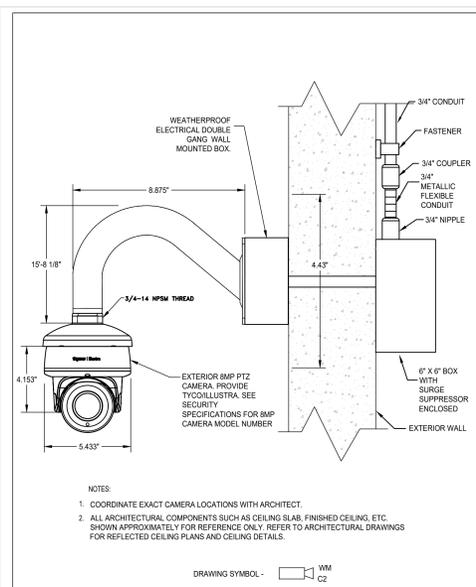
OPTIONAL PENDANT DOME IP CAMERA 09



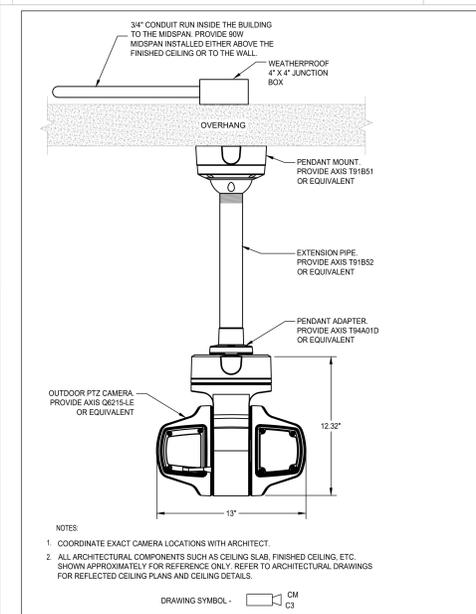
DOME CAMERA RECESSED IN CEILING WITH IP CONNECTIONS 03



OUTDOOR IP PTZ CAMERA MOUNTED TO OVERHANG 07



OUTDOOR IP FIXED CAMERA MOUNTED TO THE WALL 04



OUTDOOR IP PTZ CAMERA MOUNTED TO OVERHANG 07



OPTIONAL WALL MOUNTED IP CAMERA 08

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777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
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www.regeneron.com

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

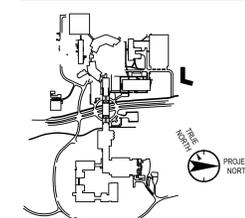
Civil Engineer

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

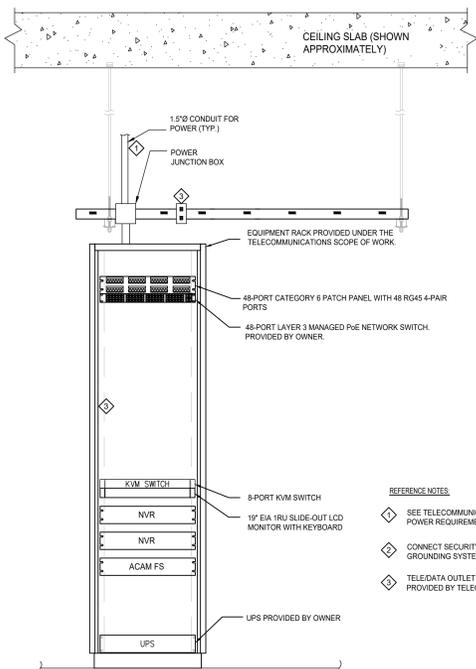
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Professional Seal and Signature

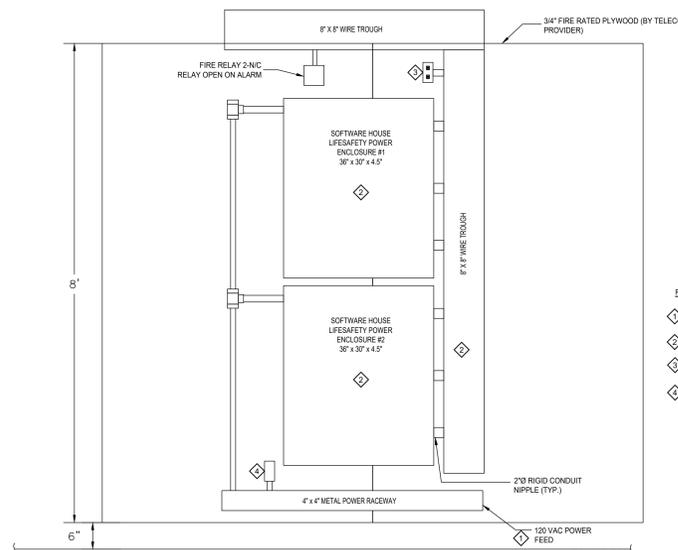
Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: SECURITY Drawn By: PG
**SECURITY WIRING RISER
DIAGRAM & EQUIPMENT
ELEVATIONS**

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 120V AC OUTLET. LOCATION SHOWN APPROXIMATELY. COORDINATE EXACT LOCATION IN THE FIELD.

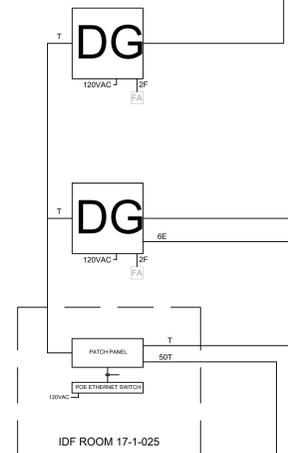
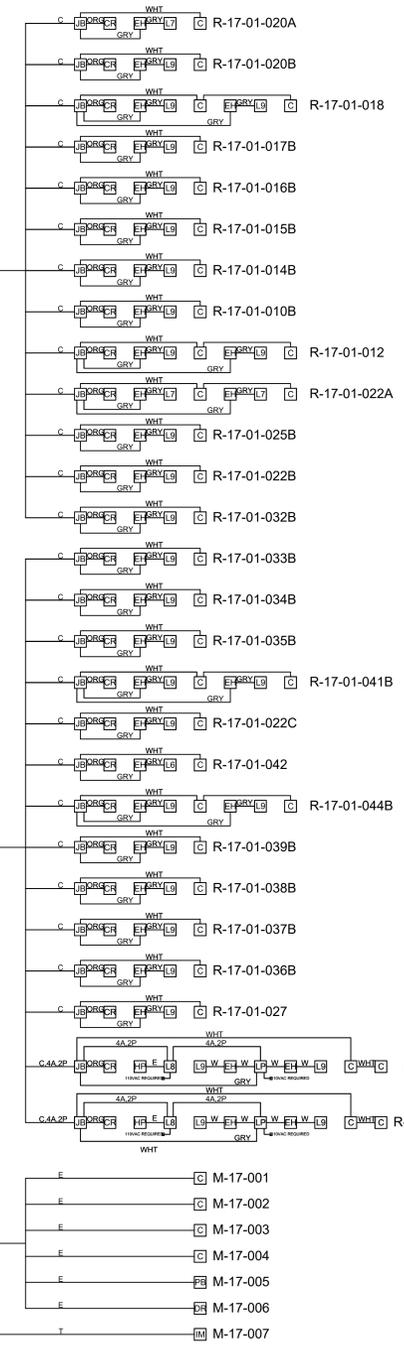
NOTES

- 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



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