

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
T: 914.847.7400
F: 914.847.7991
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

EMERGENCY RADIO COMMUNICATION ENHANCEMENT SYSTEMS EQUIPMENT & DEVICES		
ERCES	EMERGENCY RADIO COMMUNICATION ENHANCEMENT SYSTEMS	RADIO SOLUTIONS INC. BDA SYSTEMS SPECIFICATIONS: SB400M2A-1-UL FREQUENCY RANGE: 450-490MHz UHF PASSBAND: 100kHz - 30kHz NEMA-4 (UL TYPE-4) ENCLOSURE: 20.55" Wx24" Hx8.32" D - TOTAL WIDTH INCLUDING HEAT SINKS: 23.22" - TOTAL HEIGHT INCLUDING MOUNTING TABS: 26.22"
ERRA	EMERGENCY RADIO COMMUNICATION ENHANCEMENT SYSTEMS REMOTE ANNUNCIATOR	
DA	ERCES DONOR ANTENNA (EXTERIOR DAS ANTENNA)	RADIO SOLUTIONS INC. BDA SYSTEMS MODEL # DA-465490-1 CAT. # BDA-DA-465490-1
DAS	ERCES ULTRA-WIDEBAND DAS ANTENNA (INDOOR DAS ANTENNA)	RADIO SOLUTIONS INC. BDA SYSTEMS MODEL # LPA-4502700-1 CAT. # BDA-LPA-4502700-1
DC	ERCES DIRECTION COUPLER	

FIRE PROTECTIVE ALARM SYSTEM SOUNDING AND VISUAL DEVICES		
ST	HORN WITH INTEGRAL VISUAL DEVICE	SYMBOLS, AS SHOWN, REPRESENT FLUSH MOUNTED WALL DEVICES UNLESS SPECIFICALLY NOTED OTHERWISE.
ST	HORN WITH INTEGRAL VISUAL DEVICE CEILING MOUNTED	INTENSITY OF VISUAL DEVICE SHALL BE 75 CD
ST	HORN WITH INTEGRAL VISUAL DEVICE WALL MOUNTED	SUBSCRIPT UPPER CASE LETTERS DENOTE THE FOLLOWING: WP - WEATHERPROOF
ST	VISUAL STROBE, WALL MOUNTED	
ST	VISUAL STROBE, CEILING MOUNTED	

FIRE PROTECTIVE ALARM SYSTEM EQUIPMENT & DEVICES		
FCS	FIRE ALARM CONTROL PANEL	
RA	FIRE ALARM REMOTE ANNUNCIATOR	

CONTRACTOR TO FURNISH AND INSTALL AN APPROVED EMERGENCY RESPONDER RADIO SYSTEM IN ACCORDANCE WITH CHAPTER 5 SECTION 510 OF THE NEW YORK STATE FIRE CODE 2020 EDITION.

EMERGENCY RESPONDER RADIO SYSTEM SHALL BE AS MANUFACTURED BY SIEMENS.

FIRE PROTECTIVE ALARM SYSTEM ADDRESSABLE MODULE BOXES	
CT1	ADDRESSABLE SINGLE INPUT MODULE
CT2	ADDRESSABLE DUAL INPUT MODULE

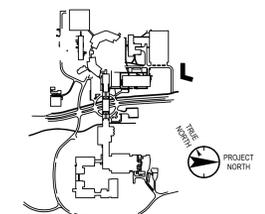
ACTUATING DEVICES	
F	MANUAL FIRE ALARM ACTUATING DEVICE OR STATION PROVIDE CLEAR PROTECTIVE COVER OVER EACH MANUAL PULL STATION
WF	WATERFLOW DETECTOR
TS	TAMPER SWITCH
GR	GENERATOR RUNNING RELAY CONTACTS
GF	GENERATOR FAILURE TO START RELAY CONTACTS
GL	GENERATOR LOW FUEL RELAY CONTACTS
Ⓢ	ADDRESSABLE SMOKE DETECTOR
Ⓢ	ADDRESSABLE DUCT DETECTOR WITH SAMPLING TUBE AND REMOTE ALARM LED

ABBREVIATIONS (THIS LIST OF ABBREVIATIONS DOES NOT APPLY TO ANY LETTERS USED IN CONJUNCTION WITH SYMBOLS)			
A	- AMPS	MISC	- MISCELLANEOUS
AC	- ALTERNATING CURRENT	MTD	- MOUNTED
ADJ	- ADJACENT	MTR	- MOTOR
AFD	- AUTOMATIC FIRE DETECTION	N	- NEUTRAL
AFJ	- ABOVE FINISHED FLOOR	NEC	- NATIONAL ELECTRIC CODE
AFG	- ABOVE FINISHED GRADE	NEMA	- NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
AIR COND	- AIR CONDITIONING	OL	- OVERLOAD
AP	- APPLIANCE PANEL	P	- POLES
ARCH	- ARCHITECTURAL	PB	- PULL BOX
ASYM	- ASYMMETRICAL	PC	- PULL CHAIN
AUTO	- AUTOMATIC	PF	- POWER FACTOR
AVG	- AVERAGE	PG	- PAGING
BL	- BLANK	PH	- PHASE
BLDG	- BUILDING	PLB	- PLUMBING
C	- CONDUIT	PNL	- PANEL
CAB	- CAB	PP	- POWER PANEL
CD	- CANDELA	RC	- REMOTE CONTROL
CAT	- CATALOGUE	REC	- RECEPTACLE
CEL	- CELLAR	REQ	- REQUIRED
CKT	- CIRCUIT	RFP	- ROOF
CL	- CLOCK	RM	- ROOM
CLG	- CEILING	RMS	- ROOT MEAN SQUARE
CLOS	- CLOSE	S	- SOUND
CM	- CIRCULAR MIL	SC	- SQUIRREL CAGE
COL	- COLUMN	SO	- SOUTH
CONC	- CONCRETE	SP	- SPARE
CONST	- CONSTRUCTION	SPECS	- SPECIFICATIONS
CONT	- CONTINUOUS	SPKLR	- SPEAKER
CONV	- CONVENIENCE	SR	- SPRINKLER
CS	- CABLE SUPPORT	STD	- STANDARD
CU	- CUBIC	SURF	- SURFACE
DC	- DIRECT CURRENT	SW	- SWITCH
DA	- DIAMETER	SWBD	- SWITCHBOARD
DN	- DOWN	SYM	- SYMMETRICAL
DP	- DISTRIBUTION PANEL	TEL	- TELEPHONE
DTL	- DETAIL	TELCO	- TELEPHONE CO.
DWG	- DRAWING	TYP	- TYPICAL
EA	- EAST	V	- VOLTS
EC	- EMPTY CONDUIT	VENT	- VENTILATING
EL	- ELEVATION	VERT	- VERTICAL
ELEC	- ELECTRIC	VP	- VAPORPROOF
ELEV	- ELEVATOR	W	- WATTS
EM	- ON EMERGENCY CIRCUIT	WE	- WEST
ENTR	- ENTRANCE	WGD	- WITH GUARD
EP	- EXPLOSION PROOF	WP	- WEATHERPROOF
EQ	- EQUAL	WT	- WIRING TROUGH
EQPMT	- EQUIPMENT	XMR	- TRANSFORMER
EXIST	- EXISTING		
F	- FLOOR	# (UNRELA - WIRE GAUGE NUMBER TED TO OTHER WORDS)	
FA	- FIRE ALARM	Ø	- PHASE
FDR	- FEEDER	FIB	- FIBER AT
FN	- FINISH	C	- CENTER LINE
FM	- FINISH	CIC	- OVERCURRENT
FL	- FLUSH	C/C	- CENTER TO CENTER
FLUOR	- FLUORESCENT	1C/2C	- ONE CONDUCTOR TWO CONDUCTORS, ETC.
FSTP	- FIRE-STANDPIPE		
FT	- FEET		
GA	- GAUGE		
GALV	- GALVANIZED		
GD	- GROUND		
H	- HERMETIC		
HC	- HUNG CEILING		
HGT	- HEIGHT		
HOR	- HORIZONTAL		
HP	- HORSEPOWER		
IN	- INCHES		
INT	- INTERCOM		
JB	- JUNCTION BOX		
LS	- LOUVER		
LT	- LOW TENSION		
LTG	- LIGHTING		
M	- MAIN		
MA	- MILLIAMPS		
MCM	- THOUSAND CIRCULAR MILS		

FIRE ALARM DRAWING LIST

SHEET NUMBER	SHEET NAME
FA-001	FIRE ALARM GENERAL NOTES, SYMBOLS, AND DRAWING LIST
FA-100	FIRE ALARM PLAN - 1ST FLOOR
FA-101	FIRE ALARM PLAN - ROOF
FA-500	FIRE ALARM DETAIL SHEET AND RISER DIAGRAM

Key Plan



No.	Date	Description
0	05.20.2022	ISSUED FOR PERMIT
1	06.20.2022	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: FireAlarm Drawn By: AI

FIRE ALARM
SYMBOLS, GENERAL NOTES,
AND DRAWING LIST

Scale: NTS Floor:

FA-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

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.

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