

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

Civil Engineer:  
JMC Site Development Consultants  
120 Bedford Road  
Armonk, NY 10504  
914-273-5225  
www.jmccplc.com

Attorney:  
DeBello Donnellan Weingarten Wise & Wiederkehr, LLP  
One North Lexington Avenue, 11th Floor  
White Plains, New York 10601  
Phone: (914) 681-0200

Geotechnical Engineer:  
Carlin-Simpson & Associates  
61 Main Street  
Sayreville, NJ 08872  
Phone: (732) 432-5757

Architect:

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

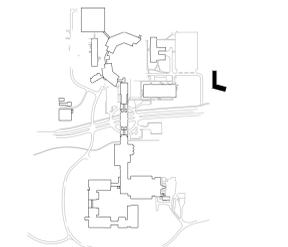
Landscape Architect (Playground):

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

MEP/IT/Security Engineer:

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

No. Date Description



No. Date Description

0	05/20/2022	ISSUED FOR PERMIT
1	06/20/2022	100% CONSTRUCTION DOCUMENTS
2	07/11/2022	100% CONSTRUCTION DOCUMENTS - 1

ALL DRAWINGS AND WRITTEN MATERIALS REPRESENTED ON THIS SHEET CONSTITUTE THE COPYRIGHTED WORK AND ARE THE SOLE PROPERTY OF REGENERON PHARMACEUTICALS. THIS SHEET MAY NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, NOR MAY ANY OF THE DRAWINGS OR WRITTEN MATERIALS APPEARING WITHIN BE INCORPORATED INTO ANOTHER WORK FOR ANY REASON WITHOUT THE WRITTEN CONSENT OF REGENERON PHARMACEUTICALS. THIS SHEET MUST BE RETURNED UPON THE REQUEST OF REGENERON PHARMACEUTICALS.

Professional Seal and Signature

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

Vendor Name: JMC, PLLC  
Vendor Project No.: 20090-3  
Discipline: Civil  
Drawing Title:  
Drawn By: TC

CONSTRUCTION DETAILS

Scale: N.T.S.

C-904

**GENERATOR ENCLOSURE / TRASH ENCLOSURE WITH CONCRETE PAD**

**NOTES:**

- METAL FLANGES, CLEATS, BOLTS, SCREWS, ETC. SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
- SEE SITE LAYOUT PLANS FOR LOCATION. REFER TO ELECTRICAL PLANS FOR EXACT DIMENSIONS OF GENERATOR ENCLOSURE. CONCRETE PADS FOR GENERATOR BY OTHERS.
- CONTRACTOR SHALL DRILL TWO (2) HOLES IN THE CONCRETE TO ALLOW FOR DROP RODS TO HOLD GATES IN THE OPEN AND CLOSED POSITION.

**GENERATOR ENCLOSURE / TRASH ENCLOSURE WITH CONCRETE PAD** **30**

**RIP-RAP APRON/ENERGY DISSIPATOR HEADWALL**

**NOTES:**

- STONE OBTAINED FROM THE SITE EXCAVATION WHICH CONFORMS TO THE SPECIFICATIONS MAY BE USED AS RIP-RAP.
- REFER TO HEADWALL DETAIL FOR ADDITIONAL INFORMATION.

**RIP-RAP APRON/ENERGY DISSIPATOR HEADWALL** **33**

TRAP	DRAINAGE AREA (ACRES)	STORAGE (CU YD)	STORAGE DEPTH (FEET)	OUTLET LENGTH OR PIPE SIZE (FEET)	STORAGE DEPTH BELOW OUTLET OR CLEANOUT ELEVATION (FEET)	RISER/OUTLET ELEVATION	EMBANKMENT HEIGHT AND ELEVATION
1.	2.1	7,560	10,356 @ ELEV. 211.00	24" DIA. RISER, 18" DIA. BARREL	3	211.00	4, 212.00
2.	2.2	7,820	9,275 @ ELEV. 209.00	24" DIA. RISER, 18" DIA. BARREL	3	209.00	4.5, 210.50

**PIPE OUTLET SEDIMENT TRAP: ST-I**

**NOTES:**

- MAXIMUM DRAINAGE AREA 5 ACRES.
- W = DIAMETER OF RISER + 24"
- FOR THE RISER DIAMETER 18", THE NUMBER OF ORIFI BY ROW WILL BE 8.
- REFER TO EROSION & SEDIMENT CONTROL PLANS FOR SPECIFIC INFORMATION ON EACH SEDIMENT TRAP.
- ALL SIDE SLOPES SHALL BE STABILIZED WITH SEED, MULCH, STONE, HYDROSEED OR OTHER ACCEPTABLE MEASURE TO PROJECT ENGINEER.
- RISER AND OUTLET PIPES FOR TRAPS SHALL BE WATERTIGHT HDPE PIPE.
- ANCHOR STRAPS ARE REQUIRED IF MORE THAN 7 FEET OF PIPE IS EXPOSED IN BOTH DIRECTIONS. STRAPS SHALL BE EMBEDDED IN 36"X36"X8" CONCRETE PAD.

**PIPE OUTLET SEDIMENT TRAP: ST-I** **34**

BOTTOM OF BASIN ELEVATION	ORIFICE ELEVATION	OVERFLOW RISER TOP ELEVATION	SURFACE AREA REQ'D S.F.	SURFACE AREA PROVIDED S.F.	TOP BERM ELEV.	PONDING A	MULCH B	PLANTING SOIL C	GRAVEL D
208.00	208.50 (4")	210.00	2,700	2,854	212.00	6"	3"	30"	12"

**BIORETENTION BASIN**

**NOTE:**

- SEE PLAN FOR ELEVATIONS OF BIORETENTION AREA.
- PRIOR TO CONSTRUCTION REMOVE EXISTING CASTING AND CONFIRM TOP ELEVATION OF EXISTING STRUCTURE.
- A NEW CONCRETE COLLAR IS TO BE FABRICATED WITH ORIFICE AND NEW GRATE TO BE PLACED ON TOP.

**BIORETENTION BASIN** **31**

**EXPOSED CONCRETE CURB**

**NOTES:**

- INSTALL 1/2" PREMOLDED BITUMINOUS EXPANSION JOINT EVERY 20 FEET. MATCH EXPANSION JOINTS ADJACENT TO SIDEWALK.
- INSTALL CONSTRUCTION JOINTS MIDWAY BETWEEN EXPANSION JOINT.

**EXPOSED CONCRETE CURB** **35**

**MOUNTABLE CONCRETE CURB (NYSDOT TYPE M150 PROFILE)**

**NOTES:**

- INSTALL 1" PREMOLDED BITUMINOUS EXPANSION JOINT EVERY 20 FEET.
- INSTALL CONSTRUCTION JOINTS MID-WAY BETWEEN EXPANSION JOINTS SO THAT THE LENGTH OF CURB SEGMENTS WILL BE TEN (10) FEET.
- LENGTH OF CURB SEGMENTS AT CLOSURES MAY BE VARIOUS BUT SHALL NOT BE LESS THAN FOUR (4) FEET.
- WHEN INSTALLED ADJACENT TO SIDEWALK OR CONCRETE PAVEMENT, MATCH EXPANSION JOINTS.

**MOUNTABLE CONCRETE CURB (NYSDOT TYPE M150 PROFILE)** **36**

**STEEL PIPE PROTECTION POST**

**NOTES:**

- WHEN PROTECTION POSTS ARE TO BE USED FOR PROTECTION OF HANDICAP PARKING SIGNS OR OTHER TRAFFIC SIGNS, SIGN SUPPORTING POSTS SHALL BE IMBEDDED A MINIMUM OF THREE (3) FEET INTO THE CONCRETE.
- POST FOR HANDICAP PARKING STALLS SHALL BE PAINTED BLUE AS FOLLOWS:  
A. SOLVENT CLEAN TO REMOVE OIL, GREASE AND OTHER CONTAMINANTS.  
B. APPLY METAL PRIMER FOR GALVANIZED SURFACES.  
C. APPLY TWO (2) FINISH COATS OF APPROVED EXTERIOR PAINT FOR METAL SURFACES.

**STEEL PIPE PROTECTION POST** **32**

**PEDESTRIAN CROSSING**

**PEDESTRIAN CROSSING** **37**

**CONCRETE CURB ENDING**

**CONCRETE CURB ENDING** **38**