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Building #17
Campus Expansion Child
Day-care Center

777 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

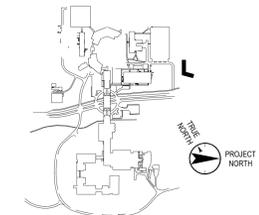
Structural Engineer
Thornton Tomasetti
120 Broadway, 15th Floor
New York, NY 10271
(917) 661-7800 Phone
(917) 661-7801 Fax

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	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: Plumbing
Drawn By: DH
PLUMBING UNDERGROUND PLAN

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

P-100

±24 L.F. 4" □ SOLID DRAIN PIPE, WITH BACKWATER CHECK VALVE, SLEEVE THRU BUILDING WALL DISCHARGE TO DI-10 AT INV. ±215.25, REFER TO CIVIL PLANS FOR STRUCTURE DETAILS

8" OUTGOING STORM, CONNECT TO EXISTING STORMWATER MANAGEMENT SYSTEM, INV EL 213.75'. PROVIDE CLEANOUT AT THE JUNCTION OF THE BUILDING STORM DRAIN AND STORM SEWER

NOTE: COORDINATE UNDERSLAB PIPING AND PENETRATIONS WITH STRUCTURAL - SEE STRUCTURAL DETAIL FOR VERTICAL PENETRATIONS (TYPICAL)

NOTE: UNDERSLAB PERFORATED PIPE SYSTEM FOR FOUNDATION DRAINAGE BY OTHERS

NOTE: ALL BELOW GRADE PIPING AWAY FROM THE BUILDING FOOTPRINT ARE TO BE ROUTED A MINIMUM OF 6 INCHES BELOW THE FROST LINE AND NOT LESS THAN 12 INCHES BELOW GRADE. UNDERSLAB PIPING TO BE PITCHED AT 1/8" PER FOOT.

±51 L.F. 4" □ SOLID PVC DRAIN PIPE, WITH BACKWATER CHECK VALVE, SLEEVE THRU BUILDING WALL, DISCHARGE TO DI-B-4 AT INV. ±215.00, REFER TO CIVIL PLANS FOR STRUCTURE DETAILS

DAMP PROOFING REQUIRED FOR FOUNDATION WALLS WHERE THE FOOTING DRAIN IS INSTALLED

±330 L.F. 6" □ PERFORATED PVC PERIMETER DRAIN PIPE INV ±213.75 (EAST SIDE)

NOTE: UNDERSLAB PERFORATED PIPE SYSTEM FOR FOUNDATION DRAINAGE BY OTHERS

PIPE, VE, 213.50, STRUCTURE

±127 L.F. 6" □ PERFORATED PVC PERIMETER DRAIN PIPE INV ±214.75 (TOP OF FOOTING, NORTH AND WEST SIDES ONLY)

4" □ PERFORATED PVC SUB-SLAB DRAINAGE PIPES, INV ±215.50

SUB-SLAB WATERPROOFING MEMBRANE REQUIRED FOR THE ENTIRE BUILDING

8" OUTGOING STORM, CONNECT TO EXISTING STORMWATER MANAGEMENT SYSTEM, INV EL 212.75'. PROVIDE CLEANOUT AT THE JUNCTION OF THE BUILDING STORM DRAIN AND STORM SEWER

8" SANITARY SEWER CONNECT TO EXISTING SEWER LATERAL, INV EL 212.50'. PROVIDE CLEANOUT AT THE JUNCTION OF THE BUILDING SANITARY DRAIN AND SANITARY SEWER

4" LEADER UP (TYPICAL) - PROVIDE INTERNAL HEAT TRACE ON PIPING ABOVE GROUND

1 UNDERGROUND PLUMBING PLAN
1/8" = 1'-0"

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.