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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
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Structural Engineer

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

MEP / IT / Security Engineer

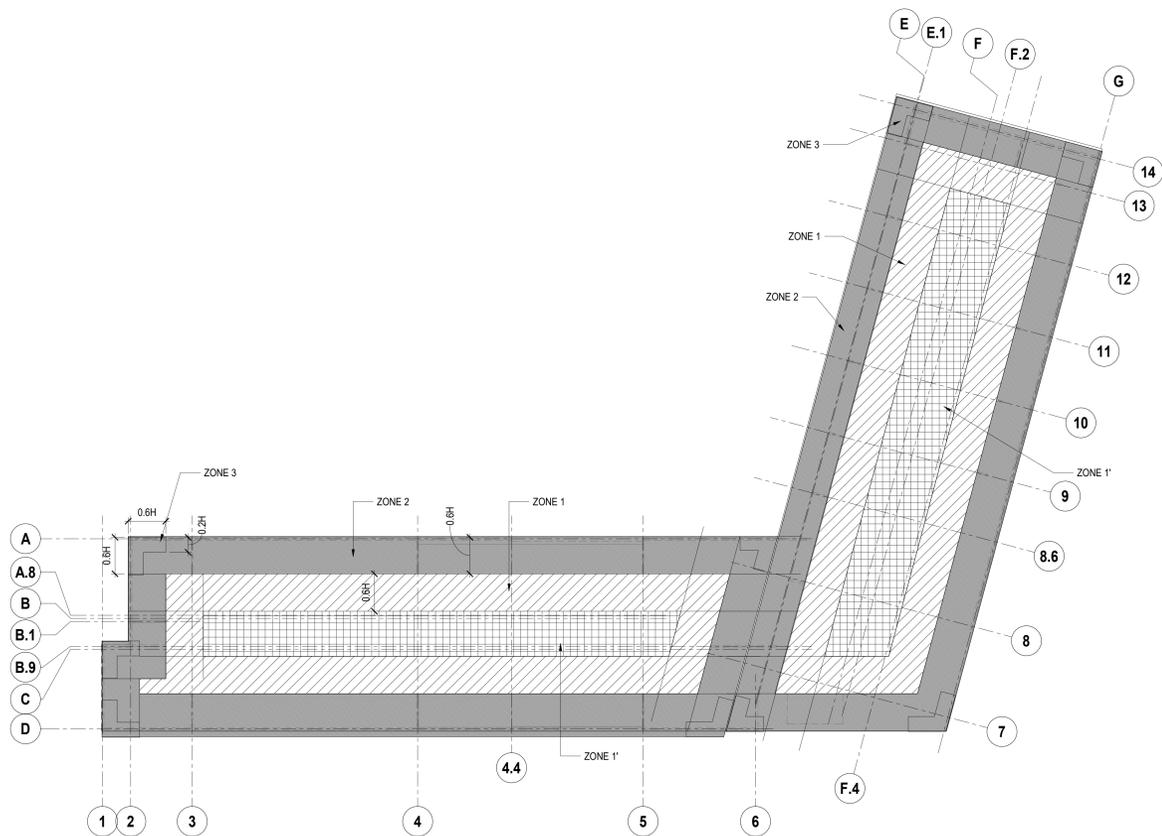
Cosentini Associates
498 Seventh Avenue
New York, NY 10018
(212) 615-3600 Phone
(212) 615-3700 Fax

Civil Engineer

JMC
120 Bedford Road
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(914) 273-5225 Phone
(914) 273-2102 Fax

Landscape Architect

Langan
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New York, NY 10001
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(212) 479-5444 Fax



PLAN NOTES:

- DIMENSIONS SHOWN ON PLAN ARE TYPICAL
H = BUILDING HEIGHT
- REFER TO GENERAL NOTE CD-6, S-001 FOR WALL PRESSURES
- FOR GRAVITY LOADING AT ROOF SEE CD-002, CD-003, CD-005, S-001

EFFECTIVE AREA (FT ²)	AREA 1' (PSF)	AREA 1 (PSF)	AREA 2 (PSF)	AREA 3 (PSF)
10	+16/-32	+16/-56	+16/-74	+16/-101
20	+16/-27.1	+16/-52	+16/-69	+16/-91
50	+16/-32	+16/-48	+16/-63	+16/-79
100	+16/-32	+16/-44	+16/-58	+16/-69
500	+16/-22	+16/-35	+16/-47	+16/-47

TABLE 1 NOTES:

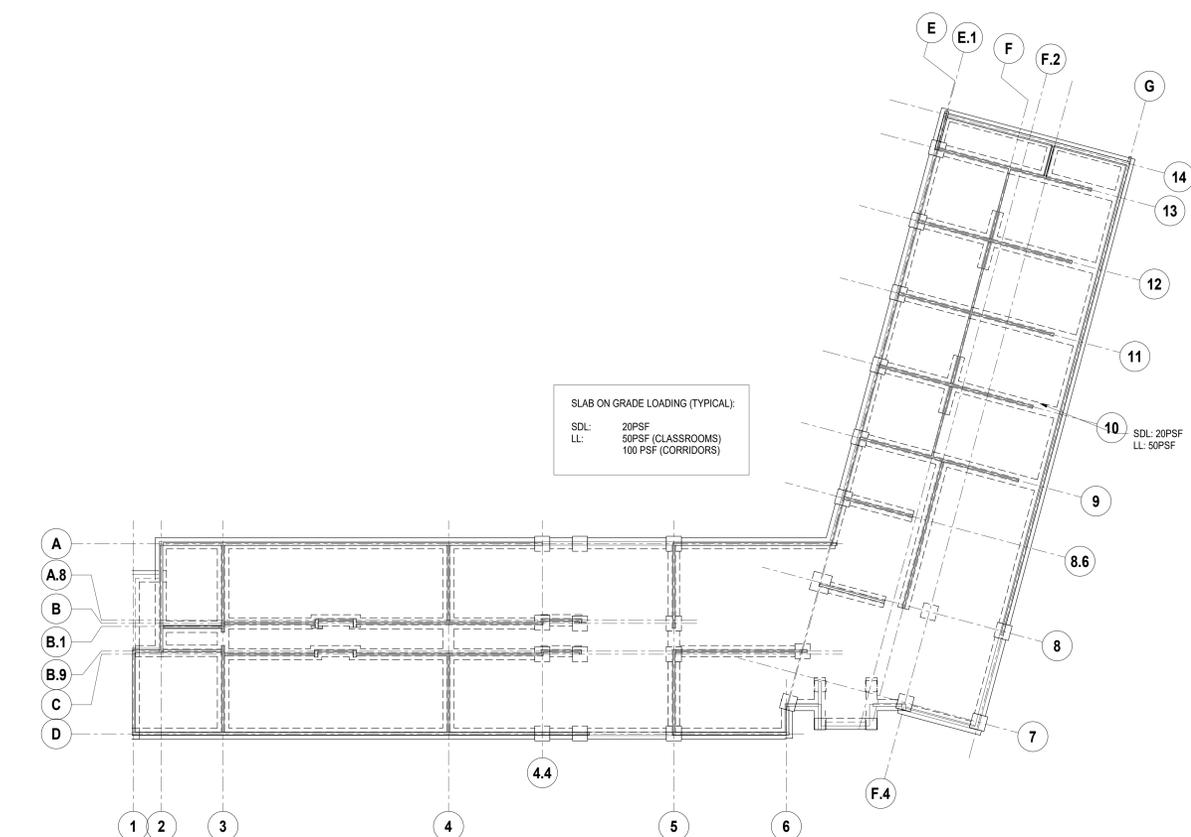
- (-) NEGATIVE PRESSURE ACT OUTWARD FROM BUILDING
- (+) POSITIVE PRESSURES ACT INWARD TOWARD THE BUILDING
- THESE PRESSURES REPRESENT THE EFFECTS OF THE WIND ON THE TOP SURFACES OF THE ROOFS.
- THE VALUES SHOWN MAY BE USED TO ASSESS PRESSURES FOR:
A. ROOFING ASSEMBLIES
B. STRUCTURAL STEEL FRAMING
C. OPEN-WEB JOISTS
- PORTIONS OF THE LIGHT GAUGE TRUSSES THAT DO NOT HAVE A BOTTOM CHORD EXPOSURE.

2 WIND PRESSURE SCHEDULE

SCALE: 12" = 1'-0"

1 WIND PRESSURE DIAGRAM - ROOF

SCALE: 1/16" = 1'-0"

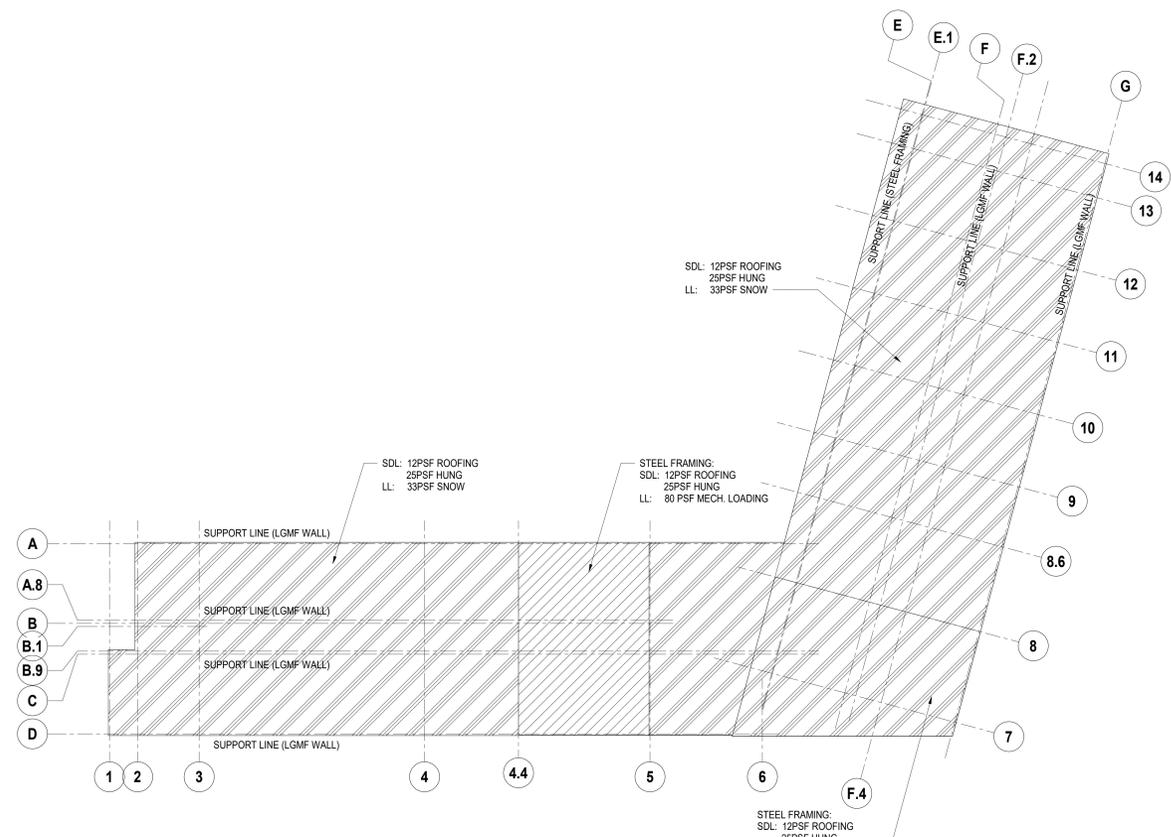


SLAB ON GRADE LOADING (TYPICAL):

SDL: 20PSF
LL: 50PSF (CLASSROOMS)
100 PSF (CORRIDORS)

3 GRAVITY LOADING DIAGRAM - GROUND FLOOR

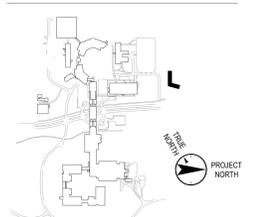
SCALE: 1/16" = 1'-0"



4 GRAVITY LOADING DIAGRAM - ROOF

SCALE: 1/16" = 1'-0"

Key Plan



No. Date Description

06.20.2022	ISSUED FOR PERMIT
06.20.2022	100% CONSTRUCTION DOCUMENTS
07.01.2022	100% CONSTRUCTION DOCUMENT-1

Plot Date: 11/10/21

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Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
LOADING DIAGRAMS

Scale: As indicated Floor:

S-003