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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

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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

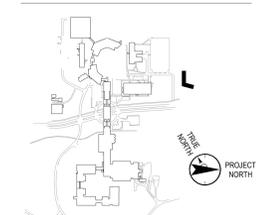
Civil Engineer

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

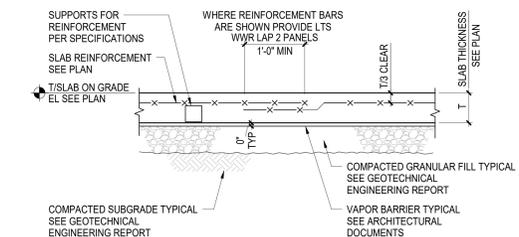
Plot Date: 04/19/10  
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Professional Seal and Signature

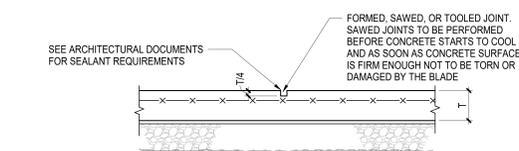
Vendor Name: GENSLER  
Vendor Project No.: 006.3608.000  
Discipline: Drawn By: Author  
**TYPICAL SLAB ON GRADE DETAILS**

Scale: As indicated Floor:

**S-201**



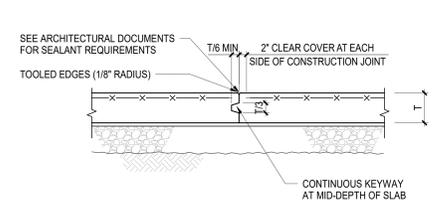
**A SLAB ON GRADE**



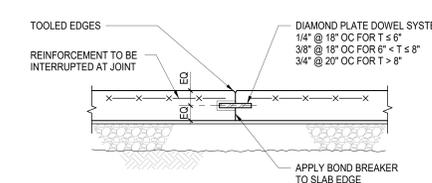
**C CONTRACTION JOINT**

- NOTES:**
- WHERE NOT INDICATED ON DRAWINGS PROVIDE JOINTS AT COLUMN CENTERLINES AND BETWEEN COLUMN CENTERLINES WITH SPACING OF JOINTS NOT TO EXCEED 36 TIMES THE SLAB THICKNESS (T-INCHES)

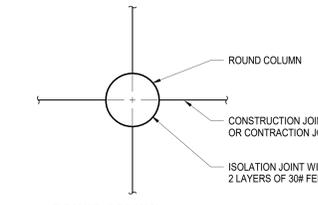
**1 TYPICAL SLAB ON GRADE DETAILS**  
NOT TO SCALE



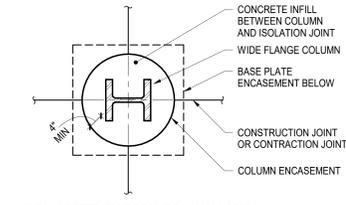
**B CONSTRUCTION JOINT / CONTRACTION JOINT**



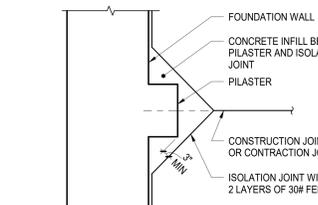
**D DOWELED CONSTRUCTION JOINT (WHERE INDICATED ON PLAN)**



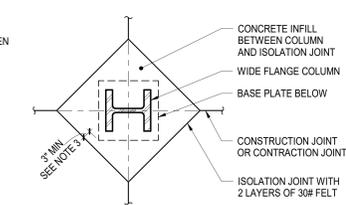
**A ROUND COLUMN**



**B CONCRETE ENCASE COLUMN AND BASE PLATE WHERE INDICATED ON PLAN**



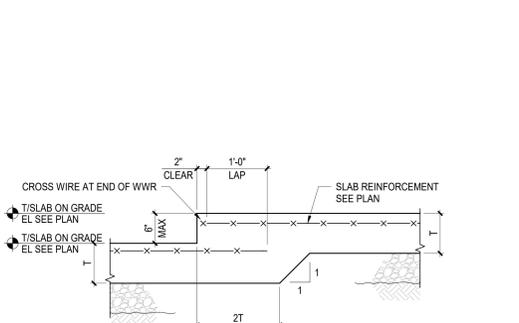
**D PILASTER**



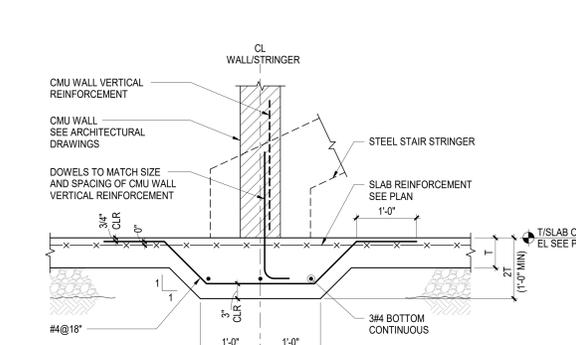
**E TYPICAL BASE PLATE WITHIN CONCRETE INFILL UNLESS OTHERWISE NOTED**

- NOTES:**
- SEE TYPICAL SLAB ON GRADE DETAILS FOR JOINT SPACING REQUIREMENTS
  - CONCRETE INFILL BETWEEN COLUMN AND ISOLATION JOINT TO BE POURED AFTER ALL THE SLABS SUPPORTED BY THE COLUMN HAVE BEEN POURED
  - PROVIDE ADDITIONAL CLEARANCE AS REQUIRED TO ENSURE 3" MINIMUM CONCRETE COVER OVER BASE PLATE AND ANCHOR RODS BELOW.

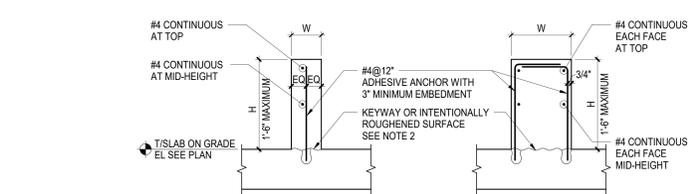
**2 TYPICAL ISOLATION JOINT DETAILS AT SLAB ON GRADE**  
NOT TO SCALE



**3 TYPICAL SLAB ON GRADE STEP 6" MAXIMUM**  
NOT TO SCALE



**4 TYPICAL THICKENED SLAB ON GRADE AT NON-BEARING CMU WALL OR STAIR STRINGER**  
NOT TO SCALE



**5 TYPICAL CURB DETAILS AT INTERIOR**  
SCALE: NOT TO SCALE

- NOTES:**
- FOR SIZE AND LOCATION SEE ARCHITECTURAL, MEP, OR STRUCTURAL DRAWINGS
  - ROUGHEN SURFACE OF SLAB TO 1/4" AMPLITUDE, CLEAN THOROUGHLY AND APPLY BONDING AGENT IMMEDIATELY BEFORE CASTING CURB
  - THIS DETAIL IS APPLICABLE AT CURBS FOR NON-STRUCTURAL ELEMENTS SUCH AS SKYLIGHTS, INTERIOR PARTITIONS, AND INTERIOR RAILINGS
  - SEE ARCHITECTURAL DRAWINGS FOR EMBEDDED PLATES AND BLOCKOUTS REPLACE REINFORCEMENT INTERRUPTED BY BLOCKOUTS
  - CORING AND/OR CUTTING OF REINFORCEMENT IS NOT PERMITTED USE EMBED PLATES FOR ATTACHMENT TO CURBS

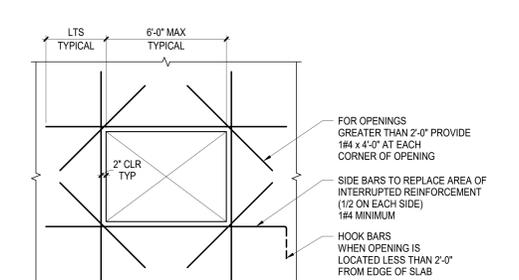
- NOTES:**
- SEE TYPICAL SLAB ON GRADE DETAILS FOR ADDITIONAL INFORMATION

**3 TYPICAL SLAB ON GRADE STEP 6" MAXIMUM**  
NOT TO SCALE

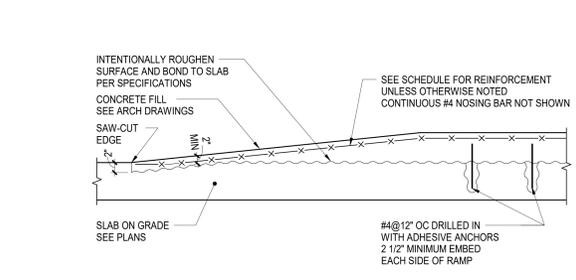
- NOTES:**
- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF WALLS AND STAIRS
  - SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION

**4 TYPICAL THICKENED SLAB ON GRADE AT NON-BEARING CMU WALL OR STAIR STRINGER**  
NOT TO SCALE

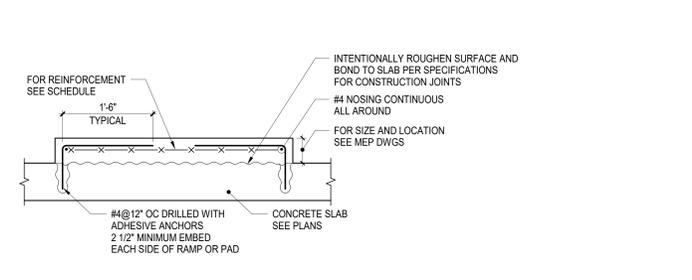
**5 TYPICAL CURB DETAILS AT INTERIOR**  
SCALE: NOT TO SCALE



**6 TYPICAL SLAB ON GRADE DETAIL OF ADDITIONAL REINFORCEMENT AT ANY OPENINGS OR AT STEP GREATER THAN 6" UP TO 3'-0"**  
NOT TO SCALE



**A DETAIL AT RAMP**



**B SECTION AT RAMP OR PAD**

- NOTES:**
- THIS DETAIL IS NOT APPLICABLE TO GENERAL RAISED SLAB AREA HIGHER THAN 4" OTHER THAN MECHANICAL PADS AND HOUSEKEEPING PADS

**7 TYPICAL DETAIL OF CONCRETE FILL HOUSEKEEPING PAD / MECHANICAL PAD / RAMP**  
NOT TO SCALE

THICKNESS	REINFORCEMENT
≤ 3"	WWR 6x6 - W2.9xW2.9
≤ 4"	WWR 6x6 - W4.0xW4.0
≤ 6"	#4 @ 12" TOP EACH WAY
≤ 12"	#4 @ 12" TOP & BOTTOM EACH WAY