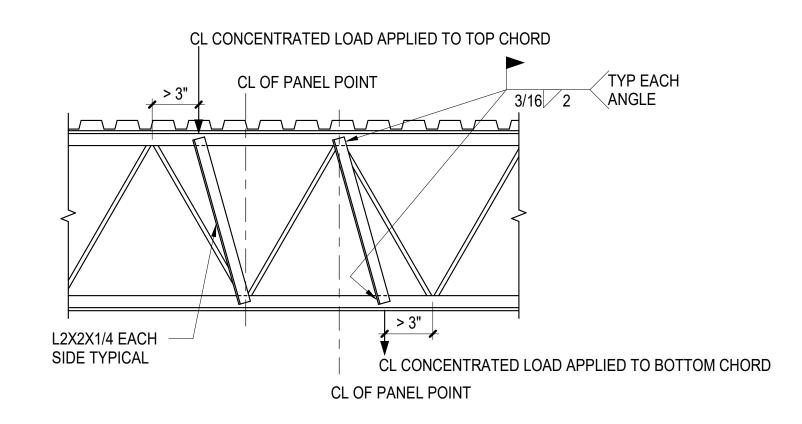


TYPICAL STEEL JOIST BEARING DETAIL

SCALE: 3/4" = 1'-0"



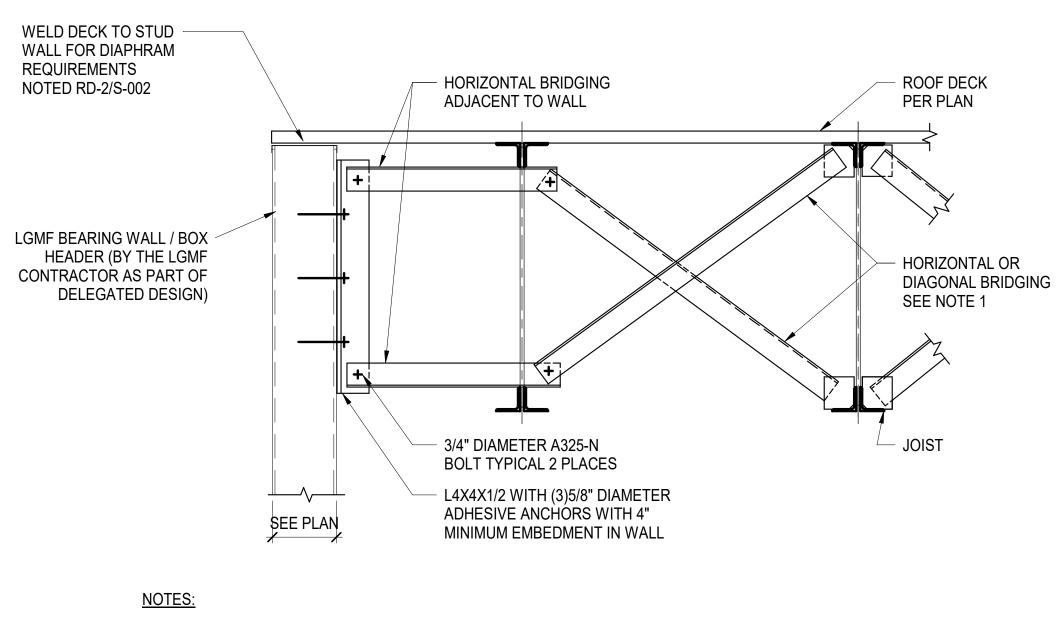
NOTES:

- 1. THE TOTAL SUPERIMPOSED LOAD ON ANY JOIST SHALL NOT EXCEED THE LOADING SHOWN ON THE STRUCTURAL DRAWINGS INCLUDING CONCENTRATED AND UNIFORM LOADS. CONTRACTOR SHALL COORDINATE ALL SUBCONTRACTORS HANGING METHODS, LOCATIONS, AND LOADS WITH LIMITS PROVIDED IN STRUCTURAL DRAWINGS.
- 2. HANGING CONCENTRATED LOADS SHALL BE APPLIED CONCENTRIC TO THE JOIST CHORD.
- 3. JOIST REINFORCEMENT IS NOT REQUIRED FOR CONCENTRATED LOADS LESS THAN 100 POUNDS.
- 4. CONCENTRATED LOADS LOCATED WITHIN 3" OF THE PANEL POINT CAN BE CONSIDERED TO ACT AT THE PANEL POINT.
- 5. FOR CONCENTRATED LOADS THAT DO NOT MEET THE CRITERIA OF NOTES 3 AND 4, PROVIDE JOIST REINFORCEMENT PER THIS DETAIL. TOTAL LOAD APPLIED TO THE JOIST MUST SATISFY NOTE 1.

TYPICAL JOIST REINFORCEMENT AT CONCENTRATED

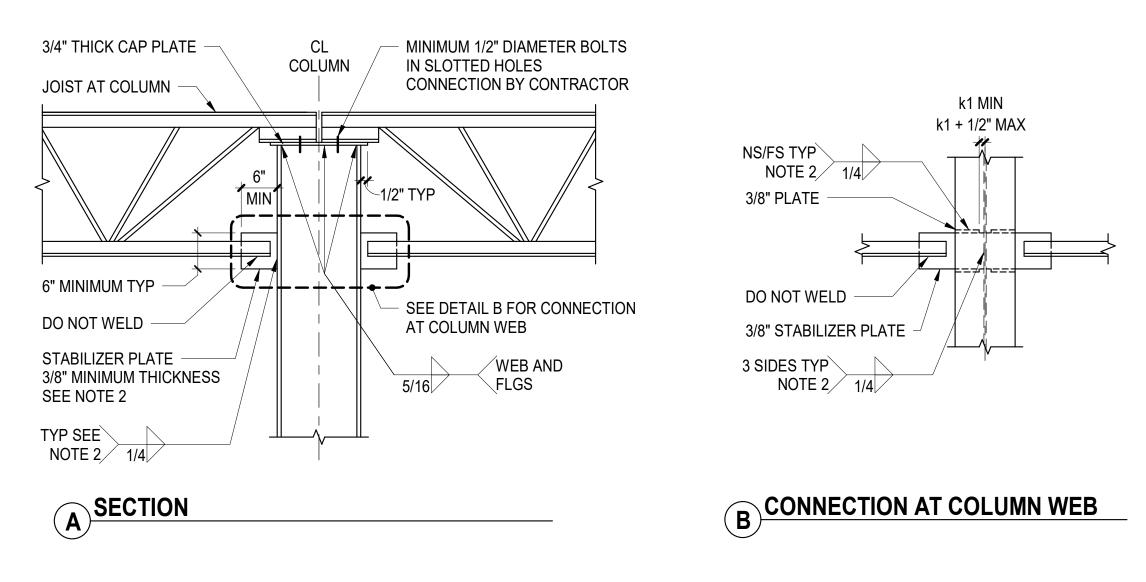
4 LOAD

SCALE: NOT TO SCALE



1. BRIDGING SHALL NOT BE CONNECTED TO JOIST WEB ELEMENTS.

TYPICAL JOIST BRIDGING TO BEARING WALL



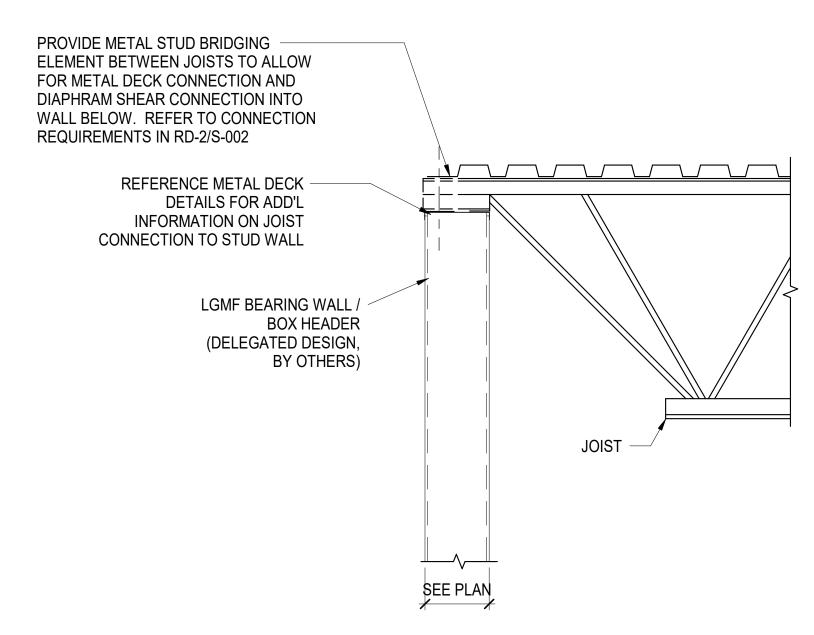
NOTES:

SCALE: NOT TO SCALE

- 1. PROVIDE SIMILAR CONNECTION AT HSS COLUMNS.
- 2. IF TEMPORARY ERECTION BRACING IS ATTACHED TO THE BOTTOM CHORD STABILIZER PLATE,
- THE CONNECTION OF THE STABILIZER PLATE TO THE COLUMN MUST BE DESIGNED BY THE CONTRACTOR FOR THE ERECTION STABILITY LOADS AND THE REQUIRED PLATE AND WELDS MAY EXCEED THAT SHOWN IN THIS DETAIL.

TYPICAL JOIST TO TOP OF COLUMN DETAILS

SCALE: NOT TO SCALE



NOTES:

- 1. JOIST BEARING PLATE IS CENTERED ON BEARING WALL BELOW CONTRACTOR SHALL ACCOUNT FOR BEARING LOCATION IN DESIGN OF JOIST SEAT.
- 3 TYPICAL JOIST TO BEARING WALL DETAIL SCALE: NOT TO SCALE



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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

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

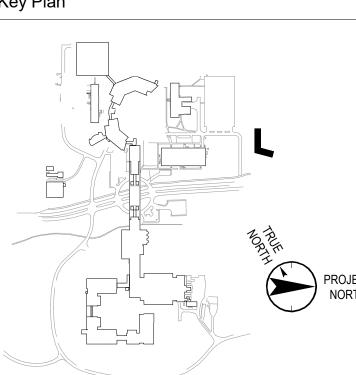
Civil Engineer

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 05.20.2022 ISSUED FOR PERMIT 06.20.2022 100% CONSTRUCTION DOCUMENTS 07.01.2022 100% CONSTRUCTION DOCUMENT- 1

Plot Date: 03/03/22

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Professional Seal and Signature

Vendor Name: GENSLER Vendor Project No.: 006.3608.000 TYPICAL JOIST DETAILS

Scale: As indicated Floor: