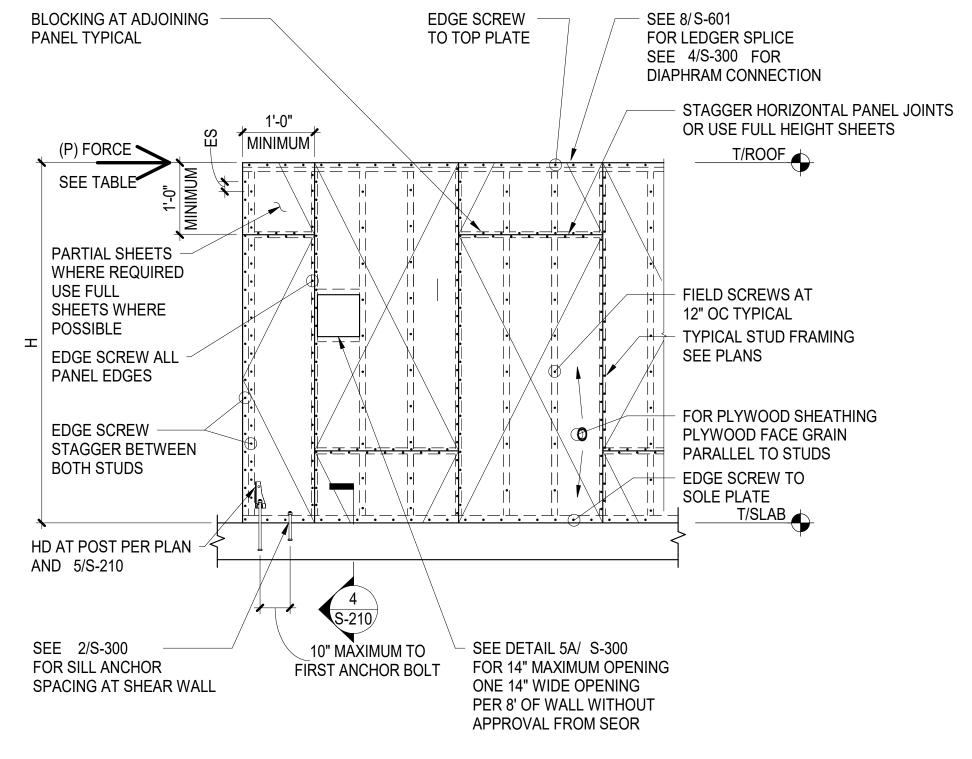
SHEAR WALL LOAD SCHEDULE			
SHEAR WALL MARK	GRIDLINE	SHEAR LOAD (KIPS) - ULTIMATE	TENSION FORCE (KIPS)
SW-1	1	3.7	5.0
SW-2	2	2.6	1.5
SW-3	3	5.8	2.5
SW-4	4	8.6	3.5
SW-5	5	7.2	3.0
SW-6	А	1.1	1.0
SW-7	A, 5/6	4.0	5.0
SW-8	A.9, C	2.2	2.0
SW-9	C, 5/6	3.6	3.5
SW-10	D	1	1.0
SW-11	F	4.2	1.5
SW-12	G	1.2	1.5
SW-13	8	13	9.5
SW-14	8.5	9.1	3.0
SW-15	9, 10, 11, 12	8.6	3.0
SW-16	13	6.5	2.5
SW-17	14	1.1	1.0

STRUCTURAL PLANS AND ARCH DRAWINGS FOR WALL LOCATIONS AND FINAL

SCALE: 3/8" = 1'-0" DESIGN LOADS SHALL BE APPLIED AT THE TOP OF THE WALL. SEE

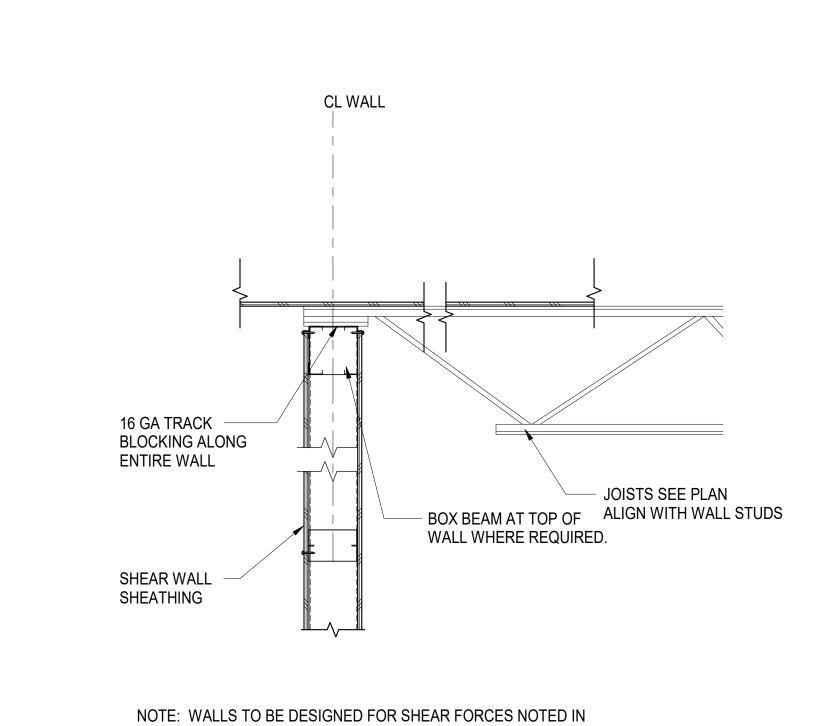
SHEAR WALL SCHEDULE SCALE: 3/4" = 1'-0" CL WALL 16 GA TRACK BLOCKING ALONG ENTIRE WALL JOISTS SEE PLAN ALIGN WITH WALL STUDS — BOX BEAM AT TOP OF WALL WHERE REQUIRED. SHEAR WALL SHEATHING NOTE: WALLS TO BE DESIGNED FOR SHEAR FORCES NOTED IN SCHEDULE ABOVE PLUS TRANSFER AND/OR CHORD FORCES AS REQUIRED, SEE PLANS

WALL PERPENDICULAR TO JOISTS SCALE: 1" = 1'-0"



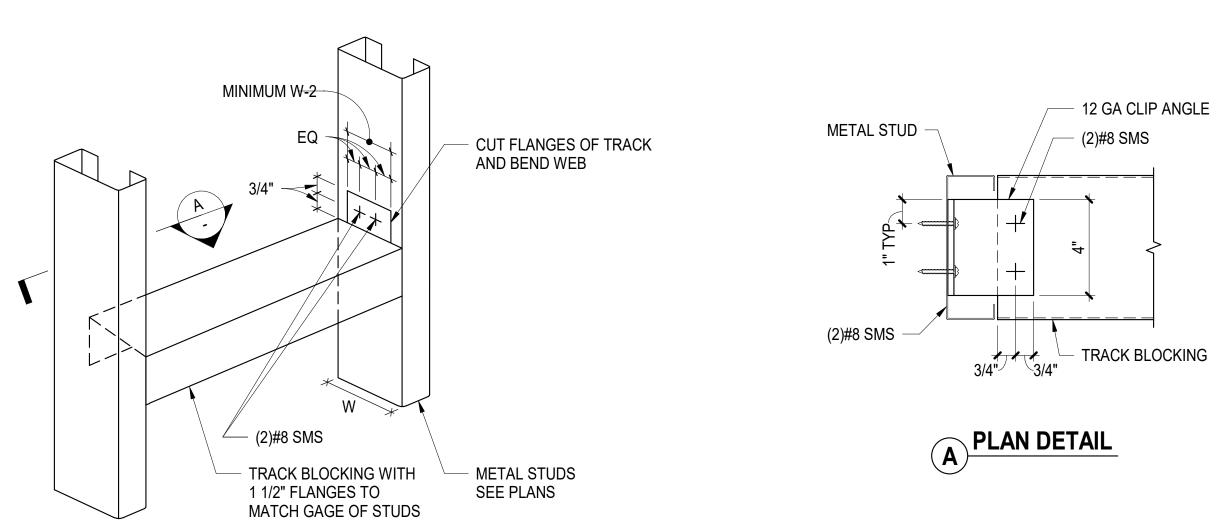
1. DETAIL PROVIDED FOR INFORMATION. FINAL SHEAR WALL DESIGN BY THE LGMF CONTRACTOR AS PART OF DELEGATED DESIGN, BASED ON PROJECT CRITERIA NOTED IN CONTRACT DOCUMENTS. 2. WHERE CROSS BRACING STRAPS ARE REQUIRED, SEE S-301 FOR

SHEAR WALL ELEVATION

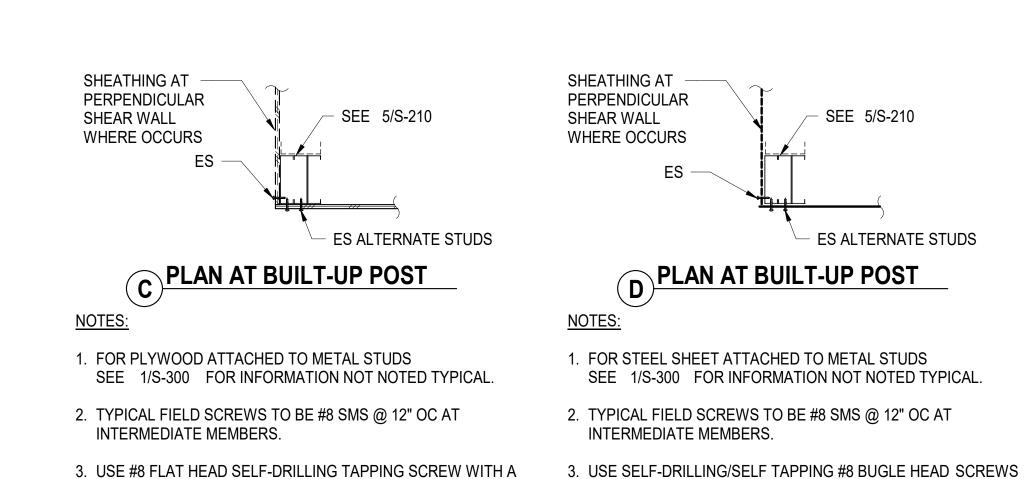


SCHEDULE ABOVE PLUS TRANSFER AND/OR CHORD FORCES AS REQUIRED, SEE PLANS

WALL PARALLEL TO JOISTS



6 BLOCKING DETAIL



A PLYWOOD SHEATHING

4. MINIMUM EDGE DISTANCE FOR SCREWS IN RECEIVING

MINIMUM HEAD DIAMETER OF 0.285.

MEMBERS & SHEATHING SHALL BE 3/8".

STEEL SHEET SHEATHING

4. MINIMUM EDGE DISTANCE FOR SCREWS IN RECEIVING

WITH MINIMUM 0.315" HEAD DIAMETER.

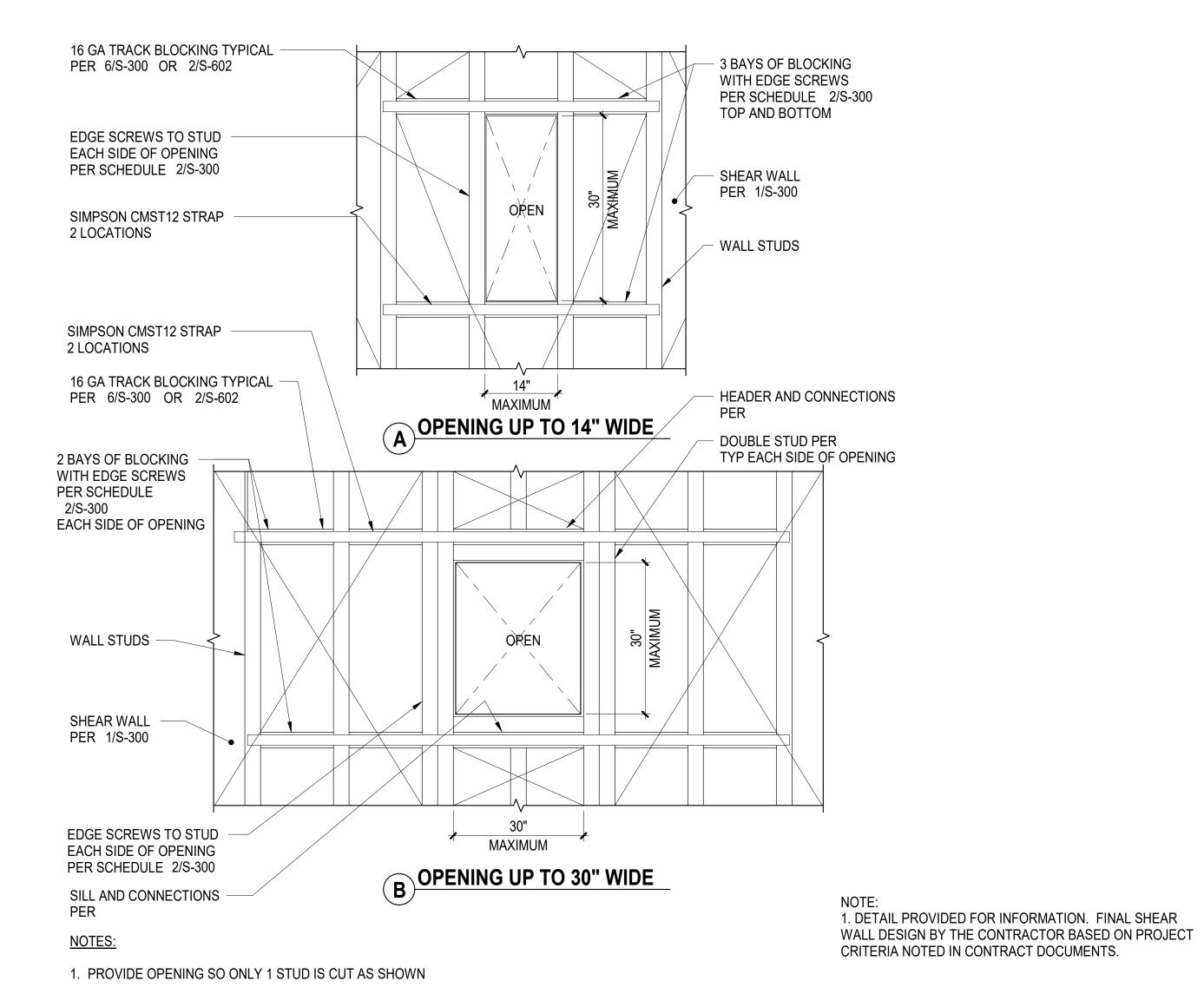
MEMBERS & SHEATHING SHALL BE 3/8".

- SEE 5/S-210

ES ALTERNATE STUDS

1. DETAIL PROVIDED FOR INFORMATION. FINAL SHEAR WALL DESIGN BY THE CONTRACTOR BASED ON PROJECT CRITERIA NOTED IN CONTRACT DOCUMENTS.

SHEAR WALL SCHEDULE



TYPICAL OPENING IN SHEAR WALL DETAIL

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

REGENERON

REAL ESTATE & FACILITIES MANAGEMENT

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

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

MEP / IT / Security Engineer

(917) 661-7801 Fax

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

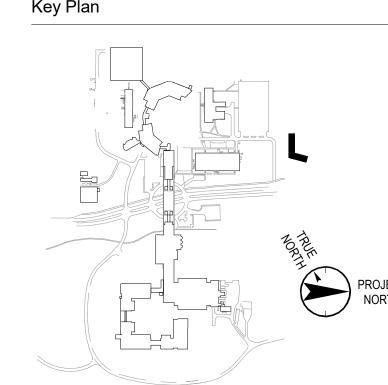
Civil Engineer

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: 02/24/22

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Professional Seal and Signature

Vendor Name: GENSLER SHEAR WALL LOADS AND **DETAILS**

Scale: As indicated Floor: