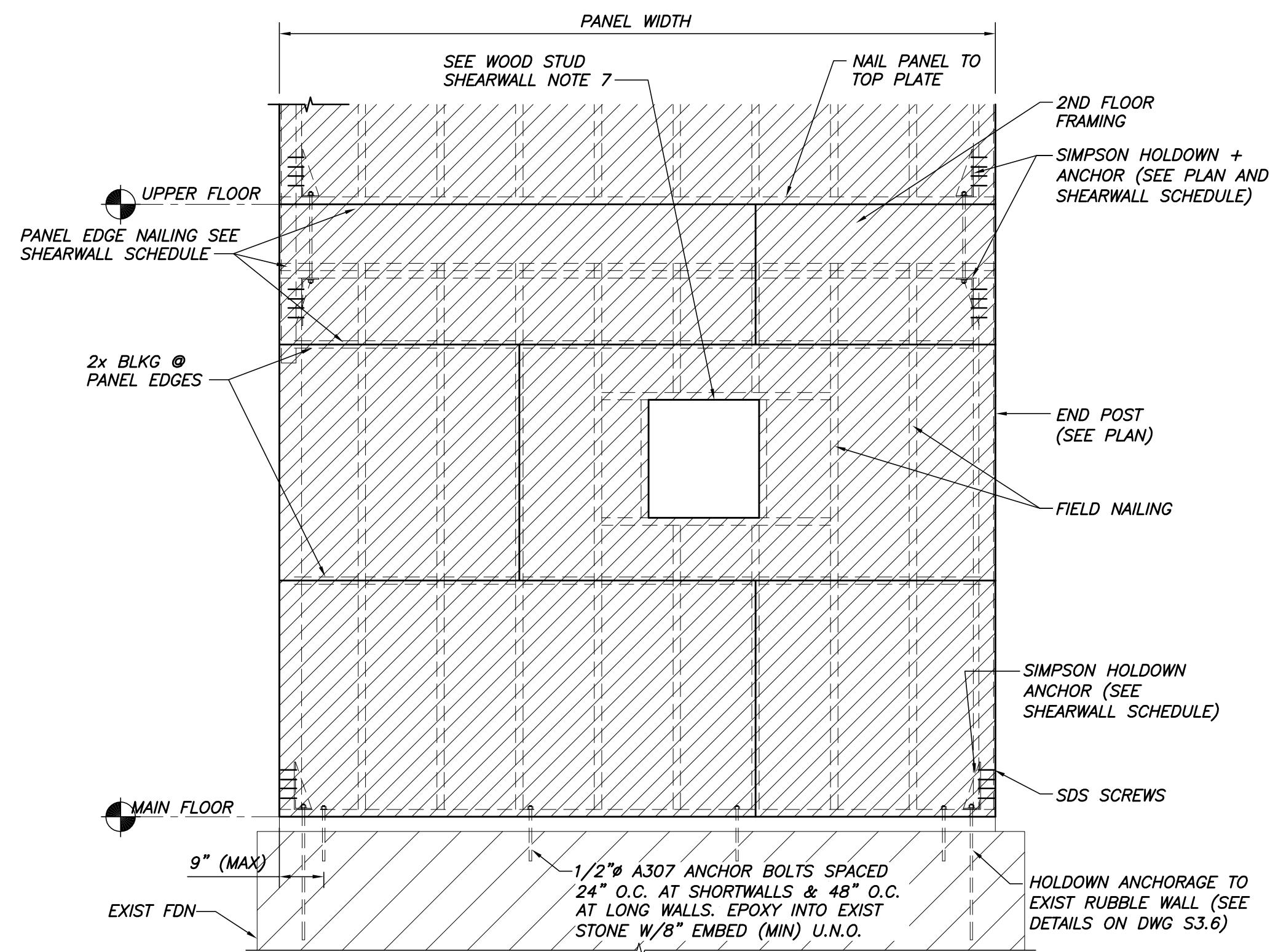
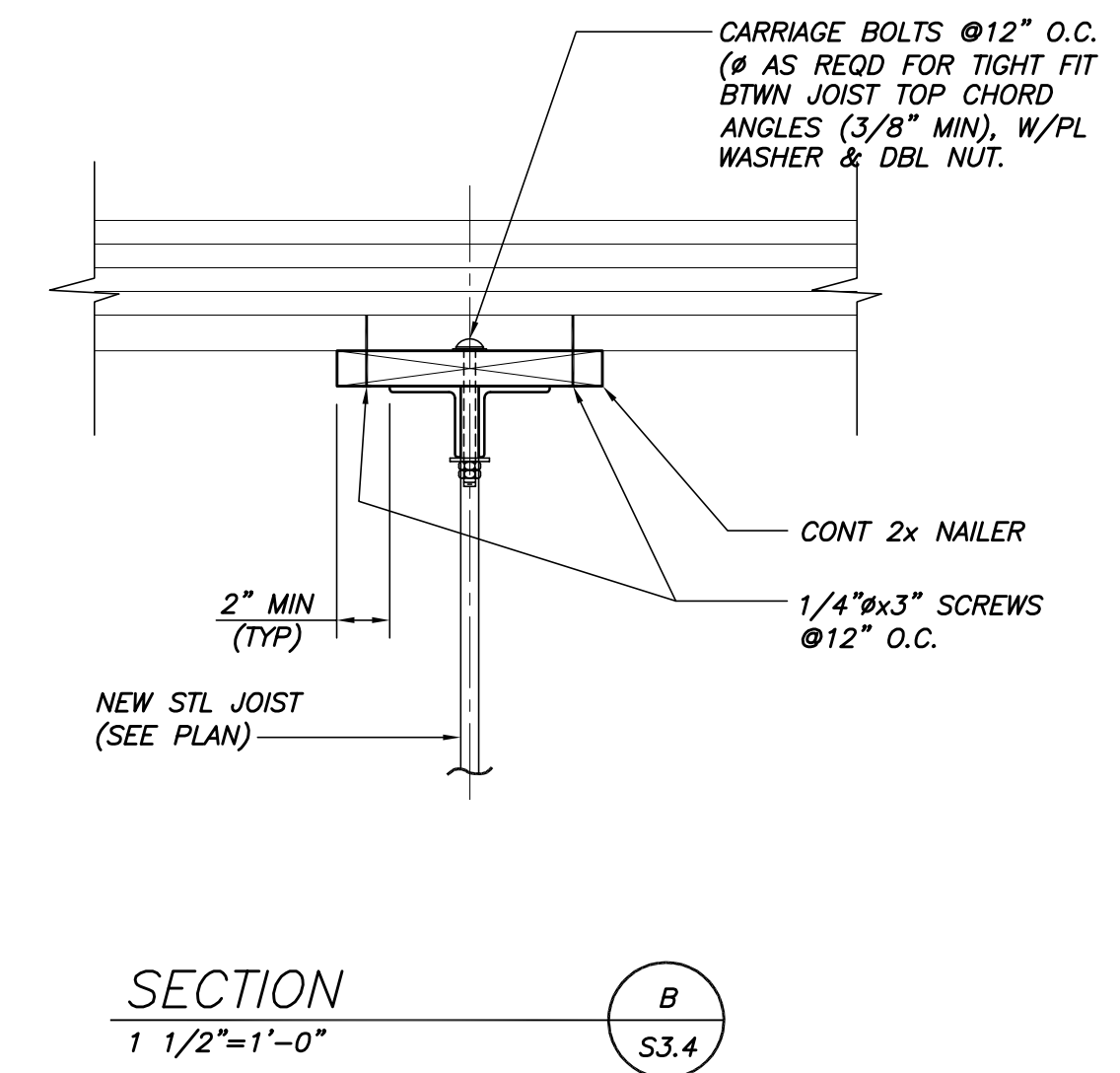
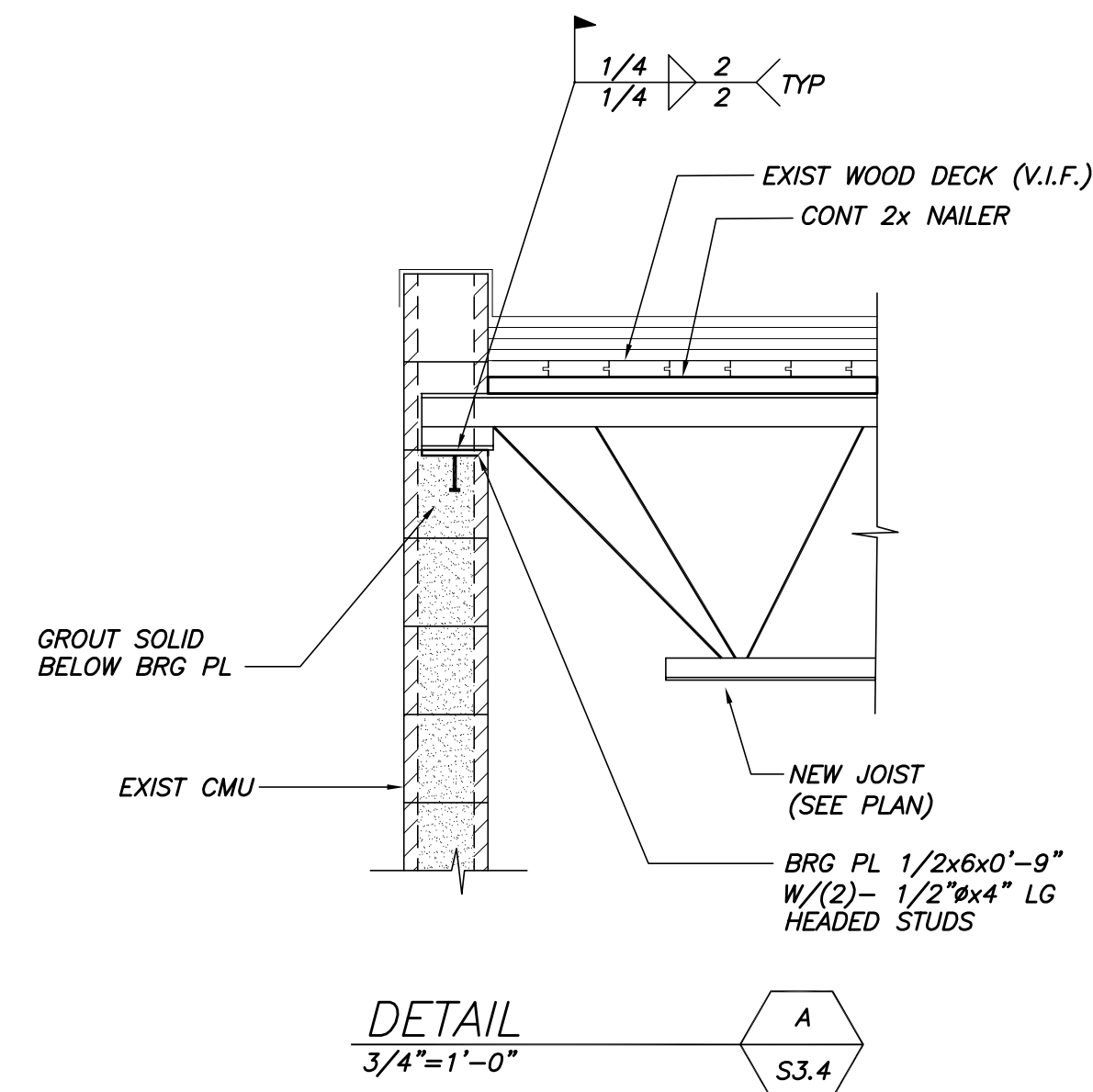


NEW SILLS HALL ROOF JOIST LOADING DIAGRAM

N.T.S.

NOTES:

1. JOIST SUPPLIER SHALL DESIGN JOISTS FOR LOADS AS FOLLOWS:
50 PLF D.L.
425 PLF S.L.
2. JOIST DESIGN SHALL CONSIDER IMPACTS OF EXIST BRIDGING.
3. SUBMIT SHOP DWGS AND CALCULATIONS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MAINE FOR APPROVAL.



TYPICAL WOOD STUD SHEARWALL ELEVATION
1/2"=1'-0"

WOOD STUD SHEARWALL NOTES

1. PLYWOOD SHEAR PANELS SHALL BE MINIMUM 1/2" APA RATED SHEATHING PANELS APPLIED TO INTERIOR SIDE OF EXISTING STUD WALL.
2. PLYWOOD TO BE PLACED WITH FACE GRAIN PERPENDICULAR TO STUDS.
3. USE 4'-0"x8'-0" PLYWOOD SHEETS WHERE POSSIBLE.
4. MINIMUM WIDTH OF PLYWOOD SHEET IS 2'-0"
5. SHEARWALL ELEVATION IS INTENDED TO DETAIL SHEARWALL ELEMENTS ONLY. FRAMING SHOWN MAY NOT REFLECT ALL BUILDING COMPONENTS AT THE SHEARWALL AREA.
6. COORDINATE SHEARWALL DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL DRAWINGS.
7. HOLES ARE ALLOWED IN PLYWOOD SHEARWALLS AS SHOWN ON THE DRAWINGS (SEE ARCHITECTURAL DRAWINGS.)
8. PROVIDE "2x" BLOCKING (SEE ELEVATION) AS NAILING SURFACE AT UNSUPPORTED PANEL EDGES. BLOCK ALL PANEL EDGES.
9. SEE SHEARWALL SCHEDULE FOR EDGE AND INTERMEDIATE (FIELD) NAILING PATTERN.
10. 3/8" MINIMUM EDGE DISTANCE AT ANY NAILED CONNECTION.
11. SHEARWALL HOLDOWNS SHALL BE AS SPECIFIED IN THE SHEARWALL SCHEDULE AND MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. THREADED ROD SHALL BE A307 (MIN) OF SIZE AS SPECIFIED IN SHEARWALL SCHEDULE.
12. SISTER 2x6 STUDS TO EXISTING WALL STUDS FOR END POSTS IN EXISTING WALLS.
13. AT EXISTING EXTERIOR WALLS, NEW 1/2" PLYWOOD SHALL BE INSTALLED ON THE INSIDE FACE

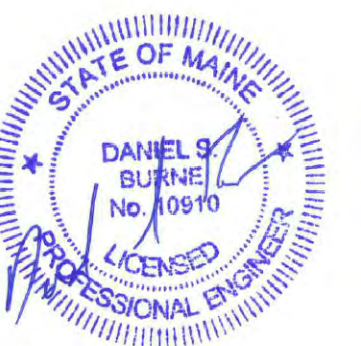
SHEARWALL SCHEDULE						
MARK	SHEATHING	SHEATHING EDGE NAILING	SHEATHING FIELD NAILING	HOLDOWN/STRAP	HOLDOWN ANCHOR BOLT	MINIMUM END POST THICKNESS
S.W.-1	1/2" PLYWOOD	8d @ 6" O.C.	8d @ 10" O.C.	DTT2Z HOLDOWN	1/2"Ø THRD ROD	4 1/2"
S.W.-2	1/2" PLYWOOD	8d @ 4" O.C.	8d @ 8" O.C.	DTT2Z HOLDOWN	1/2"Ø THRD ROD	4 1/2"
S.W.-3	1/2" PLYWOOD	8d @ 3" O.C.	8d @ 6" O.C.	HDOB-SDS2.5	7/8"Ø THRD ROD	4 1/2" (PSL)

PROJECT NAME:

WAYNFLETE LOWER SCHOOL ADDITION & RENOVATIONS

WAYNFLETE SCHOOL
360 SPRING STREET
PORTLAND, MAINE 04102

SEAL:



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FRAMING SECTIONS & DETAILS