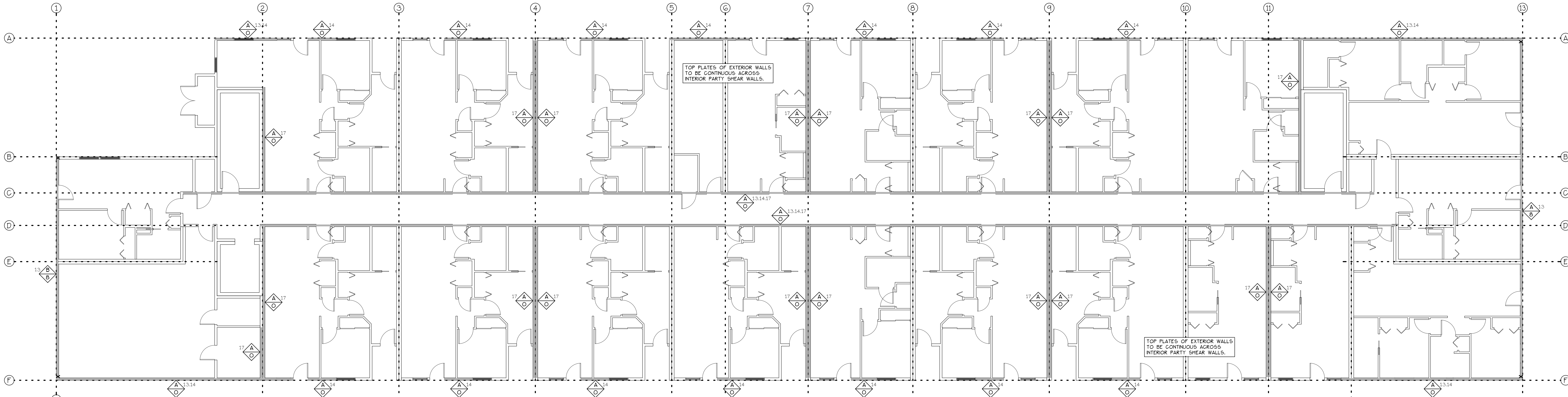
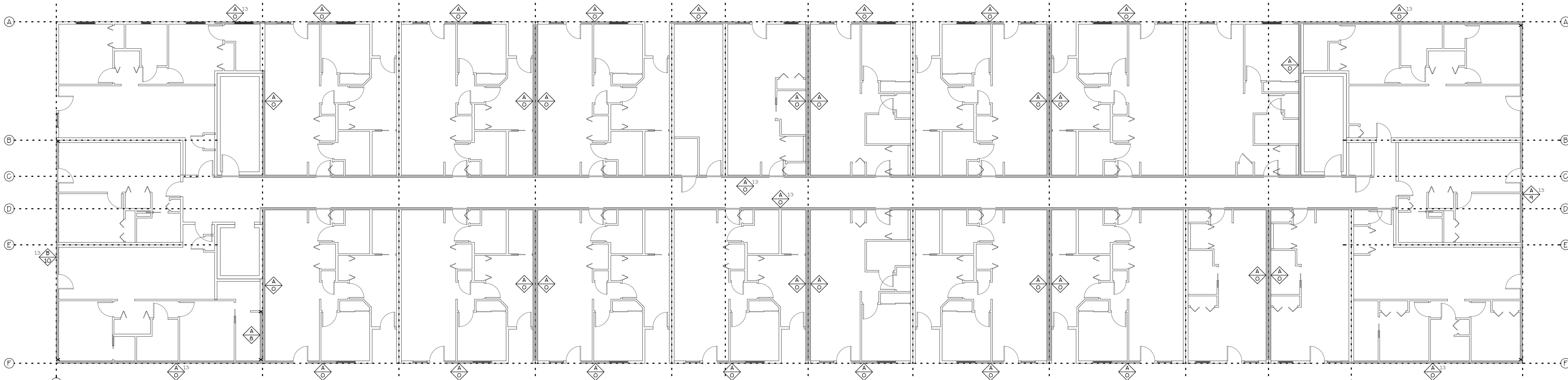




FOURTH FLOOR
SCALE: 1/8" = 1'-0"

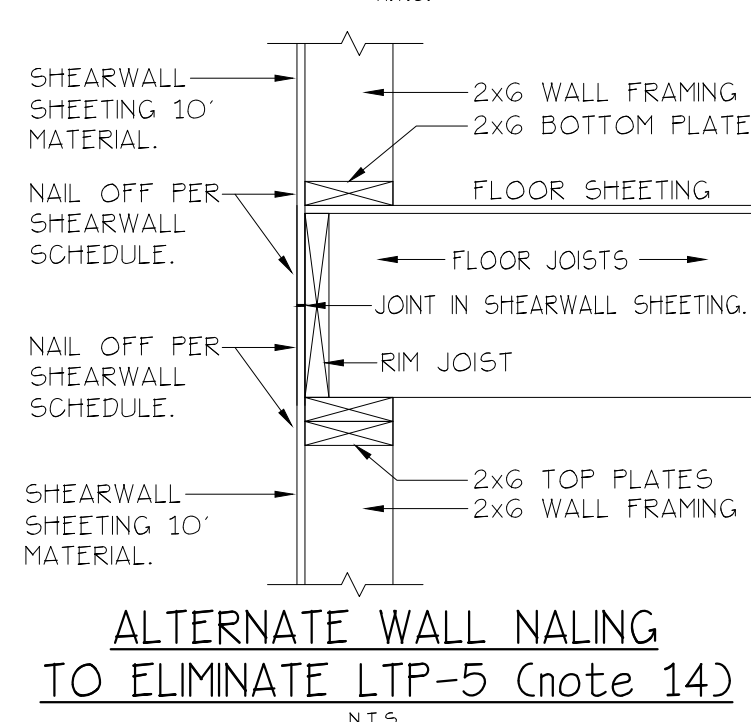
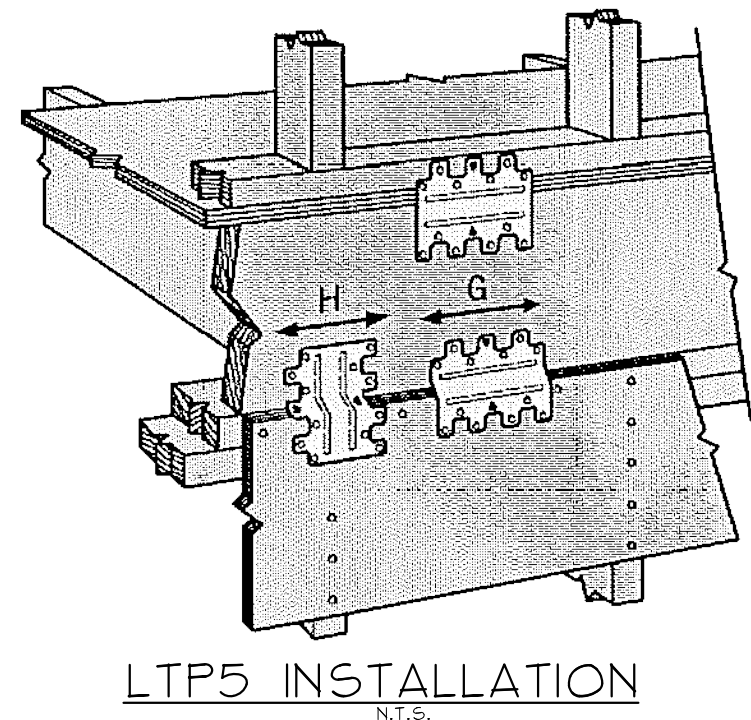


THIRD FLOOR
SCALE: 1/8" = 1'-0"

SHEAR WALL SCHEDULE

WALL TYPE	STRUCTURAL PANEL SHEATHING	PANEL EDGE NAILING	FIELD NAILING	A 35 CLIP DOUBLE TOP PLATE CONN.	SILL PLATE CONNECTION (A.B.) ¹⁶			SHEAR VALUE (PLF) DOUGLAS FIR	
					1/2" DIA. x 10" LONG	5/8" DIA. x 10" LONG	SOLE PLATE ⁵ CONNECTION	WIND	SEISMIC
A	7/16" OSB or 15/32" Plywood	0.131" Dia. x 2.5" Nails at 6" o.c.	0.131" Dia. x 2.5" Nails at 12" o.c.	20" O.C.	3'-8" O.C. ¹⁰	4'-0" O.C. ¹⁰	16d Nails at 6" o.c.	365	260
B	7/16" OSB or 15/32" Plywood	0.131" Dia. x 2.5" Nails at 4" o.c.	0.131" Dia. x 2.5" Nails at 12" o.c.	15" O.C.	2'-9" O.C. ¹⁰	4'-0" O.C. ¹⁰	16d Nails at 4-1/2" o.c.	530	380
C	7/16" OSB or 15/32" Plywood	0.131" Dia. x 2.5" Nails at 3" o.c.	0.131" Dia. x 2.5" Nails at 12" o.c.	11" O.C.	N/A	2'-9" O.C. ¹⁰	16d Nails at 3-1/2" o.c.	685	490
D	15/32" Plywood	0.148" Dia. x 3" Nails at 3" o.c.	0.148" Dia. x 3" Nails at 12" o.c.	9" O.C.	N/A	2'-4" O.C. ¹⁰	(2) Rows 16d Nails at 6" o.c.	840	600
E	15/32" Plywood	0.148" Dia. x 3" Nails at 2" o.c.	0.148" Dia. x 3" Nails at 12" o.c.	7" O.C.	N/A	1'-9" O.C. ¹²	N/A	1,075	770
F	1/2" GWB MIN.	5d cooler nails at 4" o.c.	5d cooler nails at 12" o.c.	24" O.C.	4'-0" O.C.	4'-0" O.C.	16d Nails at 6" o.c.	125	125
G	1/2" GWB MIN.	#6x1-1/4" screws 4" o.c. (Blocked)	#6x1-1/4" screws 12" o.c.	24" O.C.	4'-0" O.C.	4'-0" O.C.	16d Nails at 6" o.c.	160	160

- Notes:
- Block all edges of sheathing.
 - Do not break sheathing skin by over driving nails.
 - Pre-drill as required to avoid splitting sills, etc.
 - Nails should be located 3/8" clear of panel edges.
 - Use Simpson A35 clips to attach blocking to top plate at floor line. At roof line use Simpson H-1 clips at each truss (U.O.N.).
 - Values of other standard construction fasteners will require spacing adjustments and must be approved by the engineer-of-record.
 - Use hot dipped galvanized nails at all exterior applications.
 - C-D, C-C sheathing, plywood panels siding, and other grades covered in APA Plywood Design Specification.
 - Sheathing Face grain can be applied perpendicular or parallel to wall studs, provided studs are spaced a maximum of 16" o.c.
 - 3"x3"x1/4" washer required on A.B. with 2x sill plates.
 - Framing at adjoining panel edges shall be (3) 2x studs laminated (See detail this sheet).
 - Min. 3" nominal sill plate w/ 3"x3"x1/4" washers.
 - Sheath entire wall (above & below) windows and doors) according to shearwall schedule. Use of 3"x3"x1/4" washers are required on all anchor bolts for these walls.
 - Install LTP5 when required at 32" o.c., per detail.
 - All wood members must be "Douglas Fir".
 - Min. 3" nominal sill plate w/ 3"x3"x1/4" washers.
 - 1/2"x10" anchor bolts at 4'-0" o.c. maximum.
 - Interior shearwall to extend to roof sheathing via truss or blocking panels.



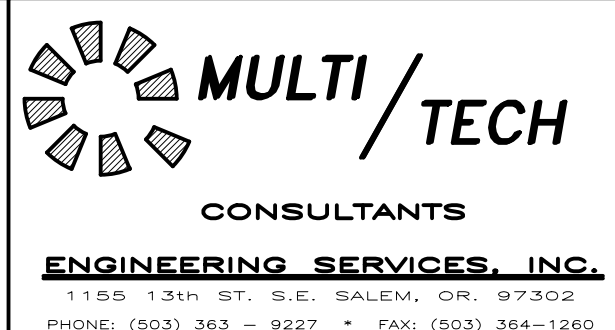
HOLDOWN SCHEDULE

HOLDOWN TYPE	HOLDOWN	ANCHOR BOLT	ANCHOR DIAMETER	EMBED LENGTH	MIN. STEM-WALL WIDTH	WOOD MEMBER	CONNECTION TO WOOD MEMBER	REMARKS	ALLOWABLE LOAD
1	No Holdown								
2	HDU2	SSTB24	5/8"	20 5/8"	6"	(2) 2xG ⁶	(G) 1/4"x2-1/2" ⁷		3,075#
3	HDU4	SBS/8x24	5/8"	18"	6"	(2) 2xG ⁶	(10) 1/4"x2-1/2" ⁷		4,565#
4	HDU5	SBS/8x24	5/8"	18"	6"	(2) 2xG ⁶	(14) 1/4"x2-1/2" ⁷		5,645#
5	HDU8	SBS/8x24	7/8"	18"	8"	4xG	(20) 1/4"x2-1/2" ⁷		7,870#
6	HDQ8	PAB7-30	7/8"	26 3/4"	8"	4xG	(20) 1/4" x 3" ⁷		9,230#
7	HD12	PAB8-30	1"	26 3/4"	8"	6xG	(4) 1" DIA. M.B.		14,220#
8	HDU14	PAB8-30	1"	26 3/4"	8"	(1) 6xG	(36) 1/4"x2-1/2" ⁷		14,445#
9	MSTC2B	N/A	N/A	N/A	N/A	(2) 2xG ⁶	(16) - 16d Sinker		1,540#
10	MSTC40	N/A	N/A	N/A	N/A	(2) 2xG ⁶	(32) - 16d Sinker		3,080#
11	MSTC52	N/A	N/A	N/A	N/A	(2) 2xG ⁶	(48) - 16d Sinker		4,620#
12	MSTC66	N/A	N/A	N/A	N/A	(2) 2xG ⁶	(64) - 16d Sinker		5,860#

- Notes:
- Holdowns by Simpson strong-Tie Company, Inc. See Simpson catalog for proper installation.
 - Hardmount all holdown anchors prior to concrete pour.
 - Edge nail sheathing to all posts or boundary members at holdowns.
 - Locate Holdown within 6" of end of Shear Panel.
 - All wood members must be "Douglas Fir".
 - Laminate studs with 16d Nails at 12" on center staggered. Clinch tips of nails.
 - Use Simpson SD5 1/4" dia. wood screws.
 - 2 Holdowns required (See "Holdowns between Floors" detail this sheet).
 - Use threaded rod + GNW coupler to attach to anchor bolt at foundation. Run threaded rod up to Holdown at lower floor and connect.

ANTHONY'S PLACE
APARTMENTS

SHEAR WALL AND
HOLDOWN PLANS



NO CHANGES, MODIFICATIONS OR REPRODUCTIONS TO BE MADE TO THESE DRAWINGS WITHOUT WRITTEN AUTHORIZATION FROM THE DESIGN ENGINEER.

DIMENSIONS & NOTES TAKE PRECEDENCE OVER GRAPHICAL REPRESENTATION.

Design: P.L.M.
Drawn: G.I.D.
Checked: M.D.G.
Date: Oct-21
Scale: AS SHOWN



A1.22