

MINIMUM NAILING SCHEDULE		
CONNECTION	FASTENING	LOCATION
JOIST TO SILL or GIRDER	3-8d COMMON	TOENAIL
BRIDGING TO JOIST	2-8d COMMON	TOENAIL EACH END
1"x6" SUBFLOOR or LESS TO EACH JOIST	2-8d COMMON	FACE NAIL
WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST	3-8d COMMON	FACE NAIL
2" SUBFLOOR TO JOIST or GIRDER	2-16d COMMON	BLIND AND FACE NAIL
SOLE PLATE TO JOIST or BLOCKING	16d (3½"x0.135") @ 16" OC	TYPICAL FACE NAIL
SOLE PLATE TO JOIST or BLKG @ BRACED WALL PANEL	3-16d (3½"x0.135") @ 16" OC	BRACED WALL PANELS
TOP PLATE TO STUD	2-16d COMMON	END NAIL
STUD TO SOLE PLATE	4-8d COMMON	TOENAIL
DOUBLE STUDS	16d (3½"x0.135") @ 24" OC	FACE NAIL
DOUBLE TOP PLATES	16d (3½"x0.135") @ 16" OC	TYPICAL FACE NAIL
DOUBLE TOP PLATES	8-16d COMMON	LAP SPLICE
BLOCKING BETWEEN JOISTS or RAFTERS TO TOP PLATE	3-8d COMMON	TOENAIL
RIM JOIST TO TOP PLATE	8d (2½"x0.131") @ 6" OC	TOENAIL
TOP PLATES, LAPS AND INTERSECTIONS	2-16d COMMON	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" OC ALONG EDGE
CEILING JOISTS TO PLATE	3-8d COMMON	TOENAIL
CONTINUOUS HEADER TO STUD	4-8d COMMON	TOENAIL
CEILING JOISTS, LAPS OVER PARTITIONS	3-16d COMMON MIN	FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	3-16d COMMON MIN	FACE NAIL
RAFTER TO PLATE	3-8d COMMON	TOENAIL
1" DIAGONAL BRACE TO EACH STUD AND PLATE	2-8d COMMON	FACE NAIL
1"x8" SHEATHING TO EACH BEARING	3-8d COMMON	FACE NAIL
WIDER THAN 1"x8" SHEATHING TO EACH BEARING	3-8d COMMON	FACE NAIL
BUILT-UP CORNER STUDS	16d COMMON	24" OC
BUILT-UP GIRDER AND BEAMS	20d COMMON 32" OC	FACE NAIL @ TOP & BOT STAGGERED ON OPP SIDES
	2-20d COMMON	FACE NAIL @ ENDS & @ EA SPLICE
2" PLANKS	16d COMMON	@ EA BEARING
COLLAR TIE TO RAFTER	3-10d COMMON	FACE NAIL
JACK RAFTER TO HIP	3-10d COMMON	TOENAIL
	2-16d COMMON	FACE NAIL
ROOF RAFTER TO 2x RIDGE BEAM	2-16d COMMON	TOENAIL & FACE NAIL
JOIST TO BAND JOIST	3-16d COMMON	FACE NAIL
LEDGER STRIP	3-16d COMMON	FACE NAIL @ EA LOCATION

- NOTES:
- 8d COMMON = 2½" X 0.131"
  - 10d COMMON = 3" X 0.148"
  - 16d COMMON = 3½" X 0.162"
  - 20d COMMON = 4" X 0.192"

WOOD WALL OPENING FRAMING SCHEDULE						
WALL CONSTRUCTION	OPENING WIDTH					
	0'-0" TO 3'-11"	4'-0" TO 5'-3"	5'-4" TO 6'-5"	6'-6" TO 7'-9"	7'-10" TO 9'-0"	9'-1" TO 10'-9"
2x4 @ 16"	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL
2x4 @ 12"	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x4 PL	2 JACK 1 KING 1-2x4 PL	2 JACK 1 KING 1-2x4 PL	2 JACK 1 KING 1-2x4 PL	2 JACK 1 KING 1-2x4 PL
2x4 @ 12" + 1	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x4 PL	3 JACK 1 KING 1-2x4 PL	3 JACK 1 KING 1-2x4 PL	3 JACK 1 KING 1-2x4 PL	3 JACK 1 KING 1-2x4 PL
2x6 @ 16"	2 JACK 1 KING 1-2x6 PL	2 JACK 1 KING 1-2x6 PL	3 JACK 2 KING 1-2x6 PL	3 JACK 2 KING 2-2x6 PL	4 JACK 2 KING 3-2x6 PL	4 JACK 2 KING 3-2x6 PL
2x6 @ 12"	2 JACK 1 KING 1-2x6 PL	3 JACK 1 KING 1-2x6 PL	4 JACK 2 KING 1-2x6 PL	4 JACK 2 KING 2-2x6 PL	5 JACK 2 KING 3-2x6 PL	6 JACK 2 KING 3-2x6 PL
2x6 @ 12" + 1	3 JACK 1 KING 1-2x6 PL	4 JACK 1 KING 1-2x6 PL	4 JACK 2 KING 1-2x6 PL	5 JACK 2 KING 2-2x6 PL	6 JACK 2 KING 3-2x6 PL	7 JACK 2 KING 3-2x6 PL

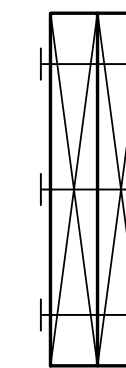
WOOD JACK / KING AND SILL SCHEDULE NOTES:

- ALL EXTERIOR WALLS ARE TO HAVE 2x6 JACK AND KING POSTS FOR OPENINGS. REFER TO THE TYPICAL DETAILS FOR PROPER PLACEMENT OF JACK / KING POST AND SILL PLATES.
- REFER TO THE STRUCTURAL NOTES FOR MINIMUM POSTS AND SILL PLATE PROPERTIES. JACK / KING POST PROPERTIES SHALL MATCH THAT OF ADJACENT WALL STUDS.
- JACK / KING POSTS AND SILL PLATES SHALL BE GLUED AND FASTENED TOGETHER AS INDICATED IN THE STRUCTURAL NOTES.
- ALL JACK / KING POSTS SHALL STACK FROM FLOOR TO FLOOR AND CONTINUE TO THE FOUNDATIONS / TRANSFER SLAB UON.
- AT DROPPED EXTERIOR HEADERS PROVIDE THE NUMBER OF JACK AND KING STUDS LISTED ABOVE.
- AT DROPPED INTERIOR HEADERS PROVIDE THE NUMBER OF JACK STUDS LISTED ABOVE AND ONLY 1 KING STUD.
- AT EXTERIOR WALL OPENINGS PROVIDE THE NUMBER OF SILL PLATES LISTED ABOVE AT THE HEADS AND SILLS OF ALL OPENINGS.
- AT INTERIOR WALL OPENINGS PROVIDE 1 SILL PLATE AT THE HEADS AND SILLS OF ALL OPENINGS.

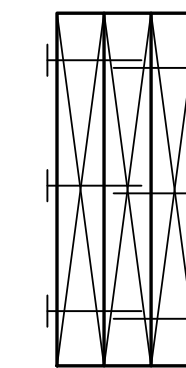
MULTIPLE MEMBER CONNECTION SPACING			
CONNECTOR TYPE	A - TWO PLIES	B - THREE PLIES	C - FOUR PLIES
10d (0.128"x3")	3 ROWS @ 12" OC STAGGERED	3 ROWS @ 12" OC STAGGERED	DO NOT USE
1/2"Ø A307 THROUGH BOLT	2 ROWS @ 24" OC STAGGERED	2 ROWS @ 19.2" OC STAGGERED	2 ROWS @ 16" OC STAGGERED
SIMPSON SDS ¼"x3½" SCREWS	2 ROWS @ 24" OC STAGGERED	2 ROWS @ 19.2" OC STAGGERED	DO NOT USE
SIMPSON SDS ¼"x6" SCREWS	DO NOT USE	DO NOT USE	2 ROWS @ 16" OC STAGGERED

NOTES:

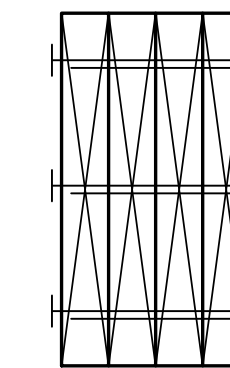
- INSTALL SPECIFIED CONNECTORS ON BOTH SIDES OF BUILT-UP BEAM FOR ASSEMBLY B AND ASSEMBLY C (DOES NOT INCLUDE THROUGH BOLTS).
- 5" (MINIMUM) END DISTANCE FOR BOLTS AND SCREWS.
- BOLTS REQUIRE WASHERS BOTH SIDES - HOLE TO BE ⅜" DIAMETER (MAXIMUM).



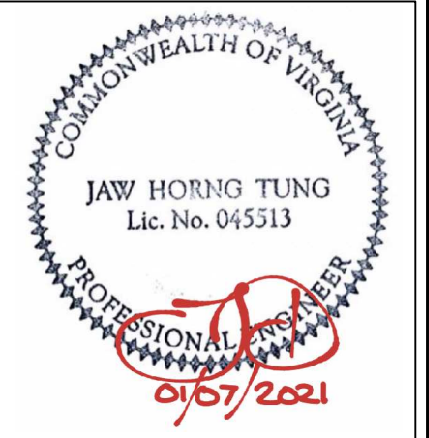
ASSEMBLY A



ASSEMBLY B



ASSEMBLY C



RUST | ORLING  
ARCHITECTURE

1215 CAMERON STREET  
ALEXANDRIA, VA  
22314

T - 703.836.3205  
F - 703.548.4779  
admin@rustorling.com  
www.rustorling.com



Field & Tung  
Structural Engineers  
1210 18th Street NW  
Third Floor  
Washington, DC 20036  
202.760.2270

CADENCE AT PARK  
VIENNA, VIRGINIA

20.014

REVISIONS

DATE	DESCRIPTION

FOR PERMIT  
12.09.20

SECTIONS AND  
DETAILS

SHEET NO.

S260