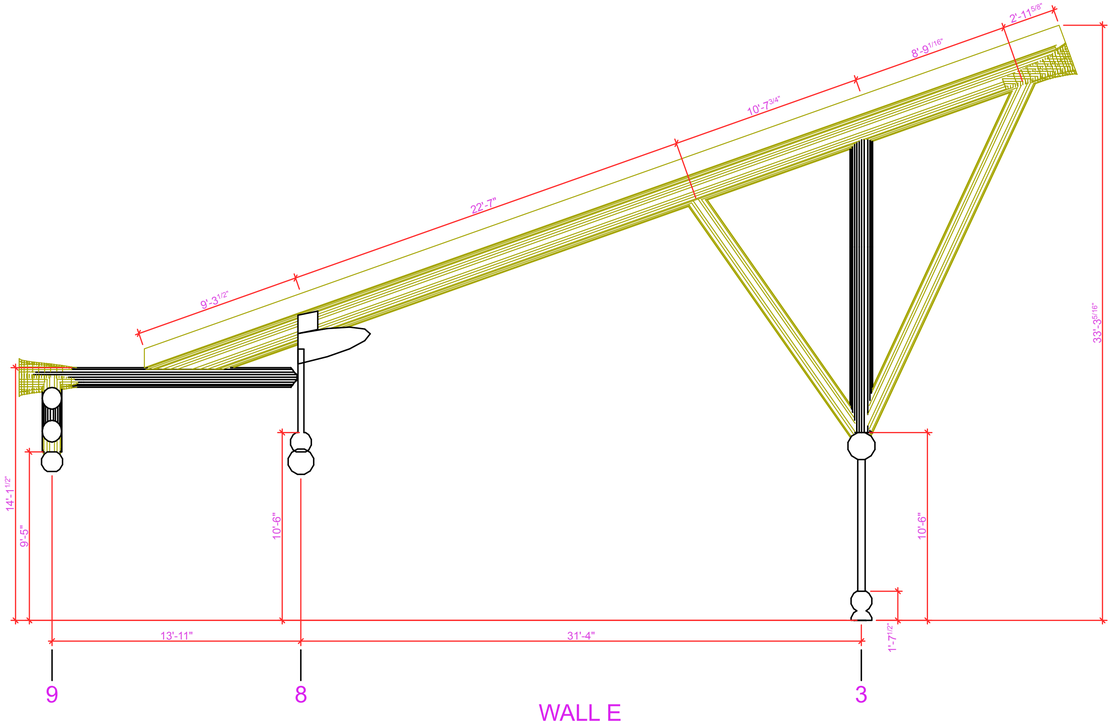
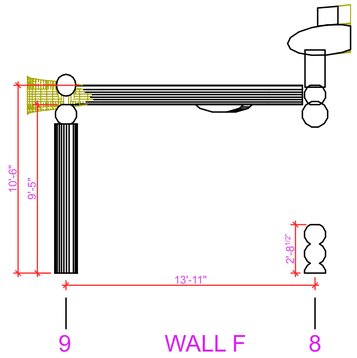
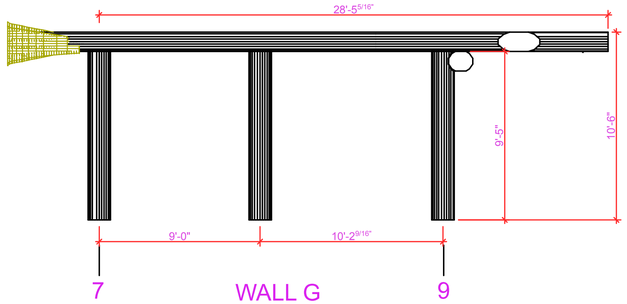


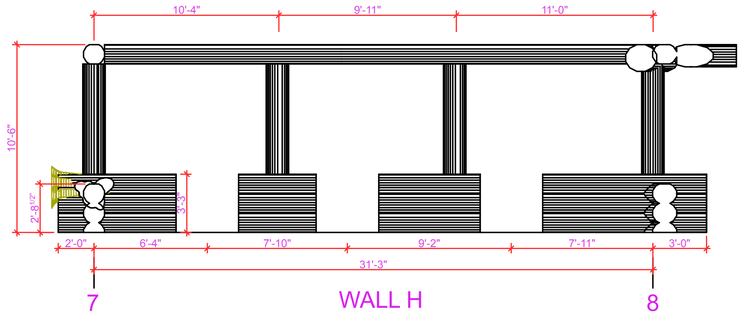
WALL E



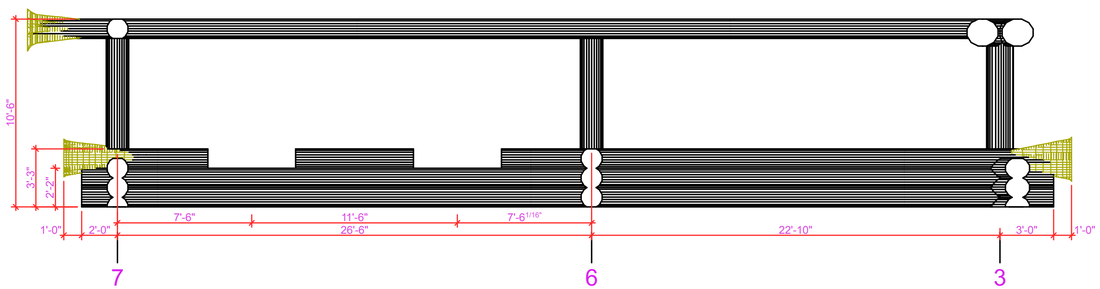
WALL F



WALL G



WALL H



WALL I

NAILING SCHEDULE

CONNECTION	NAILING(*1)
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8D
2. BRIDGING TO JOIST, TOENAIL TO EACH END	2-8D
3. 1" X 6" (25MM X 152MM) SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8D
4. WIDER THAN 1" X 6" (25MM X 152MM) SUBFLOOR TO EACH JOIST, FACE NAIL	3-8D
5. 2" (51MM) SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16-D
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16D @ 16" (406MM) O.C.
SOLE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	3-16D PER 16" (406MM)
7. TOP PLATE TO STUD, END NAIL	2-16D
8. STUD TO SOLE PLATE	4-8D, TOENAIL OR 2-16D, END NAIL
9. DOUBLE STUDS, FACE NAIL	16D @ 24" (610MM) O.C.
10. DOUBLE TOP PLATES, TYPICAL FACE NAIL	16D @ 16" (406MM) O.C.
DOUBLE TOP PLATES, LAP SPLICE	8-16D
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3-8D
12. RIM JOIST TO TOP PLATE, TOENAIL	8D @ 6" (152MM) O.C.
13. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16D
14. CONTINUOUS HEADER, TWO PIECES	16D @ 16" (406MM) O.C. ALONG EACH EDGE
15. CEILING JOISTS TO PLATE, TOENAIL	3-8D
16. CONTINUOUS HEADER TO STUD, TOENAIL	4-8D
17. CEILING JOISTS, LAPS OVER PARTITION, FACE NAIL	3-16D
18. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16D
19. RAFTER TO PLATE, TOENAIL	3-8D
20. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8D
21. 1" X 8" (25MMX203MM) SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8D
22. WIDER THAN 1" X 8" (25MM X 203MM) SHEATHING TO EACH BEARING, FACE NAIL	3-8D
23. BUILT-UP CORNER STUDS	16D @ 16" (406MM) O.C
24. BUILT-UP GIRDER AND BEAMS	20D @ 32" (813MM) O.C. @ TOP AND BOTTOM AND STAGGERED 2-20D @ ENDS AND AT EACH SPLICE
25. 2" (51MM) PLANKS	2-16D @ EACH BEARING
26. WOOD STRUCTURAL PANELS AND PARTICLEBOARD:(*2)	
SUBFLOOR AND WALL SHEATHING (TO FRAMING):	
1/2" (12.7MM) AND LESS	6-D3(*3)
19/32" (15MM - 19MM)	8D(*4) OR 6D(*5)
7/8" - 1" (22MM - 25MM)	8D(*3)
1 1/8" - 1 1/4" (29MM - 32MM)	10D(*4) OR 8D(*5)
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING):	
3/4" (19MM) AND LESS	6D(*5)
7/8" - 1" (22MM -25MM)	8D(*5)
1 1/8" - 1 1/4" (29MM - 32MM)	10D(*4) OR 8D(*5)
27. PANEL SIDING (TO FRAMING)(*2):	
1/2" (12.7MM) OR LESS	6D(*6)
5/8" (16MM)	8D(*6)
28. FIBERBOARD SHEATHING:(*7)	
1/2" (12.7MM)	NO. 11GA.(*8)
	6D(*4)
	NO. 16GA.(*9)
25/32" (20MM)	NO. 11GA.(*8)
	8D(*4)
	NO. 16GA.(*9)
29. INTERIOR PANELING:	
1/4" (6.4MM)	4D(*10)
3/8" (9.5MM)	6D(*11)

(*1) - COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERRWISE STATED.
(*2) - NAILS SPACED AT 6 INCHES (152MM) ON CENTER AT EDGES, 12 INCHES (305MM) AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES (152MM) AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES (1219MM) OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAMS AND SHEAR WALLS, REFER TO SECTIONS 2315.3 AND 2315.4. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
(*3) - COMMON OR DEFORMED SHANK.
(*4) - COMMON.
(*5) - DEFORMED SHANK.
(*6) - CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
(*7) - FASTENERS SPACED 3 INCHES (76MM) ON CENTER AT EXTERIOR EDGES AND 6 INCHES (152MM) ON CENTER AT INTERMEDIATE SUPPORTS.
(*8) - CORROSION-RESISTANT ROOFING NAILS WITH 7/16-INCH-DIAMETER (11MM) HEAD AND 1 1/2-INCH (38MM) LENGTH FOR 1/2-INCH (12.7MM) SHEATHING AND 1 3/4-INCH (44MM) LENGTH FOR 25/32-INCH (20MM) SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
(*9) - CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16-INCH (11MM) CROWN AND 1 1/8-INCH (29MM) LENGTH FOR 1/2-INCH (12.7MM) SHEATHING AND 1 1/2-INCH (38MM) LENGTH FOR 25/32-INCH (20MM) SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
(*10) - PANEL SUPPORTS AT 16 INCHES (406MM) [20 INCHES (508MM) IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED]. CASING OR FINISH NAILS SPACED 6 INCHES (152MM) ON PANEL EDGES, 12 INCHES (305MM) AT INTERMEDIATE SUPPORTS.
(*11) - PANEL SUPPORTS AT 24 INCHES (610MM). CASING OR FINISH NAILS SPACED AT 6 INCHES (152MM) ON PANEL EDGES, 12 INCHES (305MM) AT INTERMEDIATE SUPPORTS.

NOTE:
COMPLETE SET OF PLANS TO BE ENGINEERED & STAMPED BY PROVINCIALLY LICENSED ENGINEER

- ALL DIMENSIONS TO BE VERIFIED ON SITE BY GENERAL CONTRACTOR
- ALL DIMENSIONS ARE CONSTRUCTION TIME DIMENSIONS
- IT IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK ALL DIMENSIONS & SPECIFICATIONS ON THIS SET OF PLANS BEFORE STARTING CONSTRUCTION
- ALL LOG DIAMETER SIZE TO BE MEASURED AT MID SPAN
- BUILDER IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL BUILDING CODES AND PRACTICES

R.C.M. Cad Design & Drafting Ltd.
200-34314 MARSHALL RD.
ABBOTSFORD, B.C., V2S 1L9
PHONE: (604) 850-6723 FAX: (604) 850-6724
www.loghomedesign.ca

DESCRIPTION:			
DATE:			
REVISION:	REV. 1	REV. 2	REV. 3
SCALE: 1/4" = 1'-0"	DATE: OCTOBER 19, 2006	DRAWN BY: C.C.	CHECKED BY: C.C.

LOG BUILDER :
CLIENT : PORT ALBERNI CHAMBER OF COMMERCE
TITLE: WALL SECTIONS

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