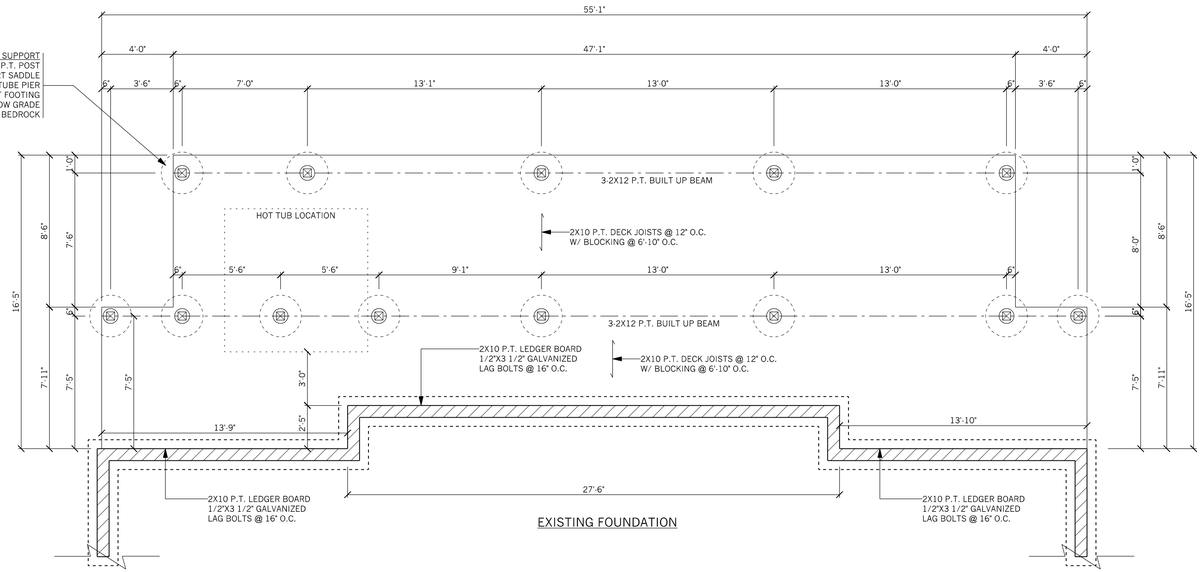
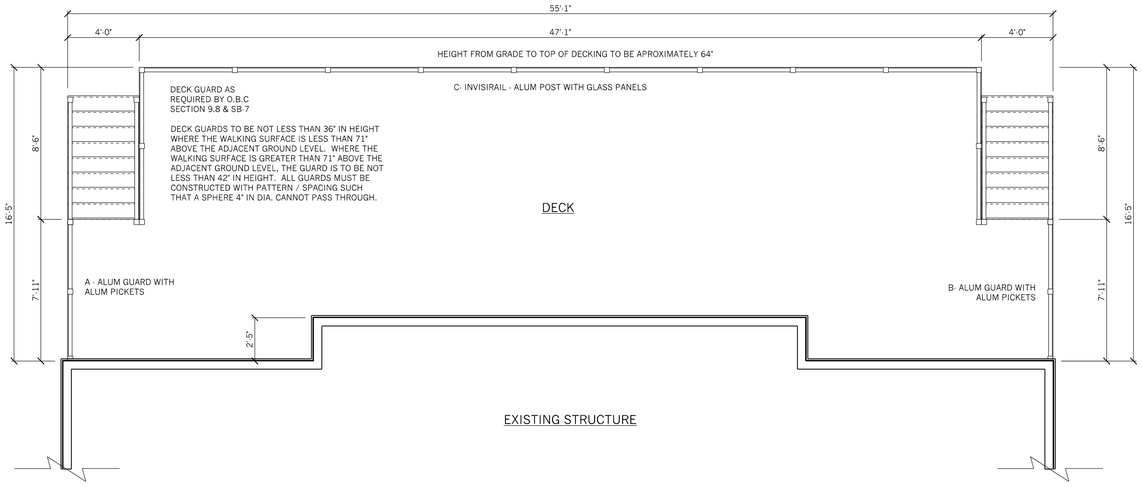
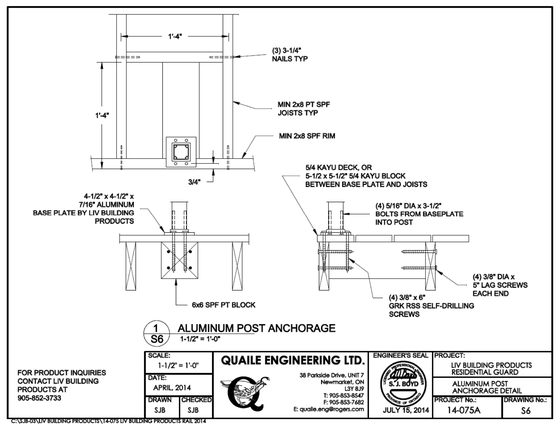


EXISTING FOUNDATION



EXISTING STRUCTURE

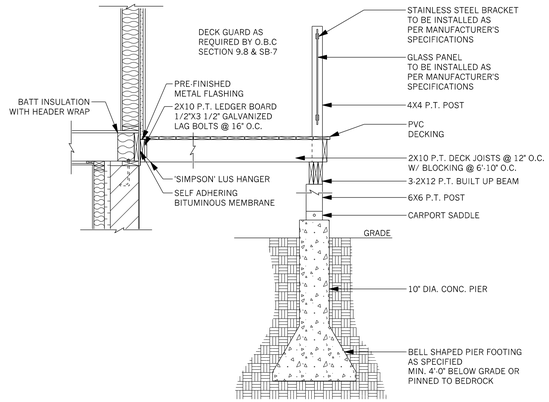


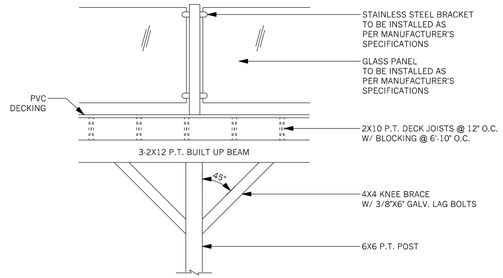
1 S6 ALUMINUM POST ANCHORAGE
1-1/2" = 1'-0"

FOR PRODUCT INQUIRIES
CONTACT LIV BUILDING
PRODUCTS AT
905-852-3733

SCALE: 1-1/2" = 1'-0"	QUAILE ENGINEERING LTD. 38 Parkside Drive, Unit 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 F: 905-853-7482 E: quaile.eng@rogers.com	ENGINEER'S SEAL	PROJECT: LIV BUILDING PRODUCTS RESIDENTIAL GUARD ALUMINUM POST ANCHORAGE DETAIL
DATE: APRIL, 2014		JULY 15, 2014	PROJECT No.: 14-075A
DRAWN: SJB / CHECKED: SJB			DRAWING No.: S6

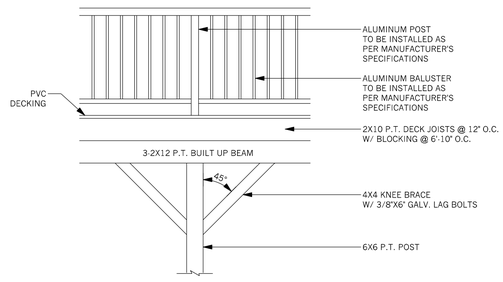
C:\SJB-STUFF\LIV BUILDING PRODUCTS\14-075 LIV BUILDING PRODUCTS RAIL 2014





DECK GUARDS REQUIRED WHEN THE WALKING SURFACE IS GREATER THAN 23 5/8" ABOVE THE ADJACENT GROUND LEVEL AS PER O.B.C. ARTICLE 9.8.8.1
DECK GUARDS TO BE NOT LESS THAN 36" IN HEIGHT WHERE THE WALKING SURFACE IS LESS THAN 71" ABOVE THE ADJACENT GROUND LEVEL. WHERE THE WALKING SURFACE IS GREATER THAN 71" ABOVE THE ADJACENT GROUND LEVEL, THE GUARD IS TO BE NOT LESS THAN 42" IN HEIGHT. ALL GUARDS MUST BE CONSTRUCTED WITH PATTERN / SPACING SUCH THAT A SPHERE 4" IN DIA. CANNOT PASS THROUGH.

FRONT C - DECK FOUNDATION, FRAMING AND RAILING



DECK GUARDS REQUIRED WHEN THE WALKING SURFACE IS GREATER THAN 23 5/8" ABOVE THE ADJACENT GROUND LEVEL AS PER O.B.C. ARTICLE 9.8.8.1
DECK GUARDS TO BE NOT LESS THAN 36" IN HEIGHT WHERE THE WALKING SURFACE IS LESS THAN 71" ABOVE THE ADJACENT GROUND LEVEL. WHERE THE WALKING SURFACE IS GREATER THAN 71" ABOVE THE ADJACENT GROUND LEVEL, THE GUARD IS TO BE NOT LESS THAN 42" IN HEIGHT. ALL GUARDS MUST BE CONSTRUCTED WITH PATTERN / SPACING SUCH THAT A SPHERE 4" IN DIA. CANNOT PASS THROUGH.

SIDE A-B FRAMING AND RAILING

castle building centres

EMMERSON LUMBER LIMITED
HALIBURTON, ONTARIO
(705)457-1550 FAX: (705)457-1520
www.emmersonlumber.com
information@emmersonlumber.com

COTTAGE COUNTRY BUILDING SUPPLIES
CARNARVON, ONTARIO
(705)489-2212 FAX: (705)489-2216
www.cottagecbs.com
email: sales2@cottagecbs.com

GENERAL CONSTRUCTION NOTES:

1. ALL DIMENSIONS AND OPENING SIZES TO BE VERIFIED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE DESIGNER FOR CLARIFICATION.
2. STEP FOOTINGS ARE TO HAVE A MAXIMUM RISE OF 23 5/8" AND A MINIMUM RUN OF 23 5/8" AS PER O.B.C. ARTICLE 9.15.3.9.
3. COMPRESSIVE STRENGTH OF CONCRETE TO CONFORM TO O.B.C. ARTICLE 9.3.1.6.
4. BACKFILL HEIGHTS OF FOUNDATION WALLS TO CONFORM TO O.B.C. TABLE 9.15.4.2.A.
5. EXTERIOR OPENINGS ARE DIMENSIONED WITH R.S.O. SIZES AND HAVE 2-2X10 LINTEL UNLESS OTHERWISE NOTED.
6. INTERIOR OPENINGS ARE DIMENSIONED WITH NOMINAL SLAB SIZES, ADD TO DIMENSIONS FOR R.S.O. SIZES.
7. ALL ENGINEERED WOOD PRODUCTS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS
8. ALL DECKS, STAIRS,LOFTS ETC. ARE TO HAVE GUARDS INSTALLED AS PER 9.8. & SB-7
9. SMOKE & CARBON MONOXIDE DETECTOR ALARMS TO BE INSTALLED AS PER O.B.C. SUBSECTION 9.10.19. & ARTICLE 9.32.3.9. RESPECTIVELY.
10. VENTILATE ROOF TO RATIO OF INSULATED CEILING AREA AS PER O.B.C. ARTICLE 9.19.1.2.
11. ATTICS ARE TO BE PROVIDED WITH AN INSULATED & SEALED ATTIC HATCH AS PER O.B.C. ARTICLE 9.19.2.1
12. OWNER AND/OR CONTRACTORS ARE RESPONSIBLE FOR ALL CONSTRUCTION CONFORMING TO O.B.C. AND APPROVED BUILDING TECHNIQUES AND PRACTICES
13. ELEVATION DRAWINGS ARE BASED ON CURRENT FLOOR PLAN INFORMATION AND FINAL APPEARANCE MAY CHANGE DUE TO SUBSTITUTIONS IN MATERIALS.
14. THESE DRAWINGS ARE NOT TO BE SCALED.
15. THESE DRAWINGS ARE THE PROPERTY OF EMMERSON LUMBER LIMITED AND MAY NOT BE COPIED OR REPRODUCED BY ANYONE BY ANY MEANS.
16. OWNER AND/OR CONTRACTOR TO ENSURE THAT THE MOST CURRENT PLANS ARE USED FOR CONSTRUCTION. CONTACT DESIGNER FOR VERIFICATION.

DESIGN LOADS

SB-1 DESIGN DATA - HALIBURTON

FLOOR LOADS:
FLOOR LIVE LOAD - 40 PSF
FLOOR DEAD LOAD - 12 PSF

ROOF LOADS:
ROOF LIVE LOAD - 42 PSF
ROOF DEAD LOAD - 12 PSF

ATTIC SPACE LOADS:
LIVE LOAD - 10 PSF
DEAD LOAD - 10 PSF

BUILDING SPECIFICATIONS	
COMPLIANCE PACKAGE - A5,TABLE 3.1.1.2.A.	
COMPONENT	R VALUE/ER
CEILING WITH ATTIC SPACE	50
CEILING WITHOUT ATTIC SPACE	31
EXPOSED FLOOR	35
WALLS ABOVE GRADE	19 +5ci or ICF
BASEMENT WALLS	12 +5ci or ICF
SLAB	10(EDGE)
WINDOWS/DOORS	25(ER)
SKYLIGHTS	2.8(U)
SPACE HEATING EQUIP. (%)	94
HRV (%)	70
DHW HEATER (EF)	.80

NAME:

DESCRIPTION:
DECK

LOCATION:

REV	DATE	DESCRIPTION	BY

SCALE: 1/4" = 1'-0"
DWG. DATE:
DRAWN BY:

DRAWING NUMBER: A1