

**Quad-Lock Building Systems Ltd.**

**7398 132<sup>nd</sup> Street**

**Surrey, BC V3W 4M7**

**(Email: zoran@quadlock.com)**

**Attention: Mr. Zoran Prostran**

Dear Sir:

**Re: Quad-Lock Building Systems Ltd.  
Generic Waterproofing Detail  
- Detail QL-W**

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Spratt Emanuel Engineering Ltd. has reviewed Quad-Lock Building Systems Ltd. Waterproofing Detail Drawing No. QL-W. This generic detail meets or exceeds the requirements of the National Building Code of Canada, 2005, the British Columbia Building Code, 2006, and the Vancouver Building By-Law, 2007, for most applications of Part 9 "Small Buildings" and Part 5 "Environmental Separation".

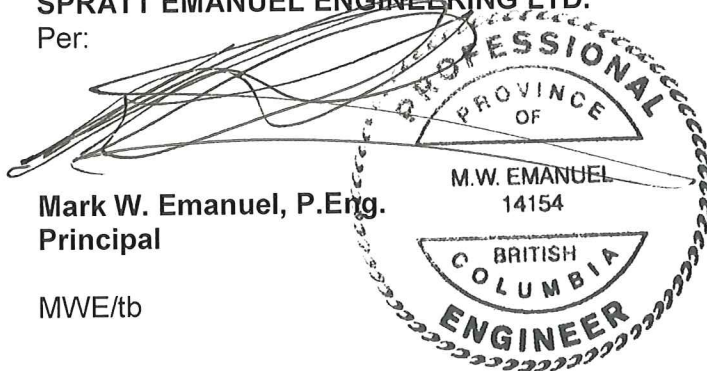
Yours truly,

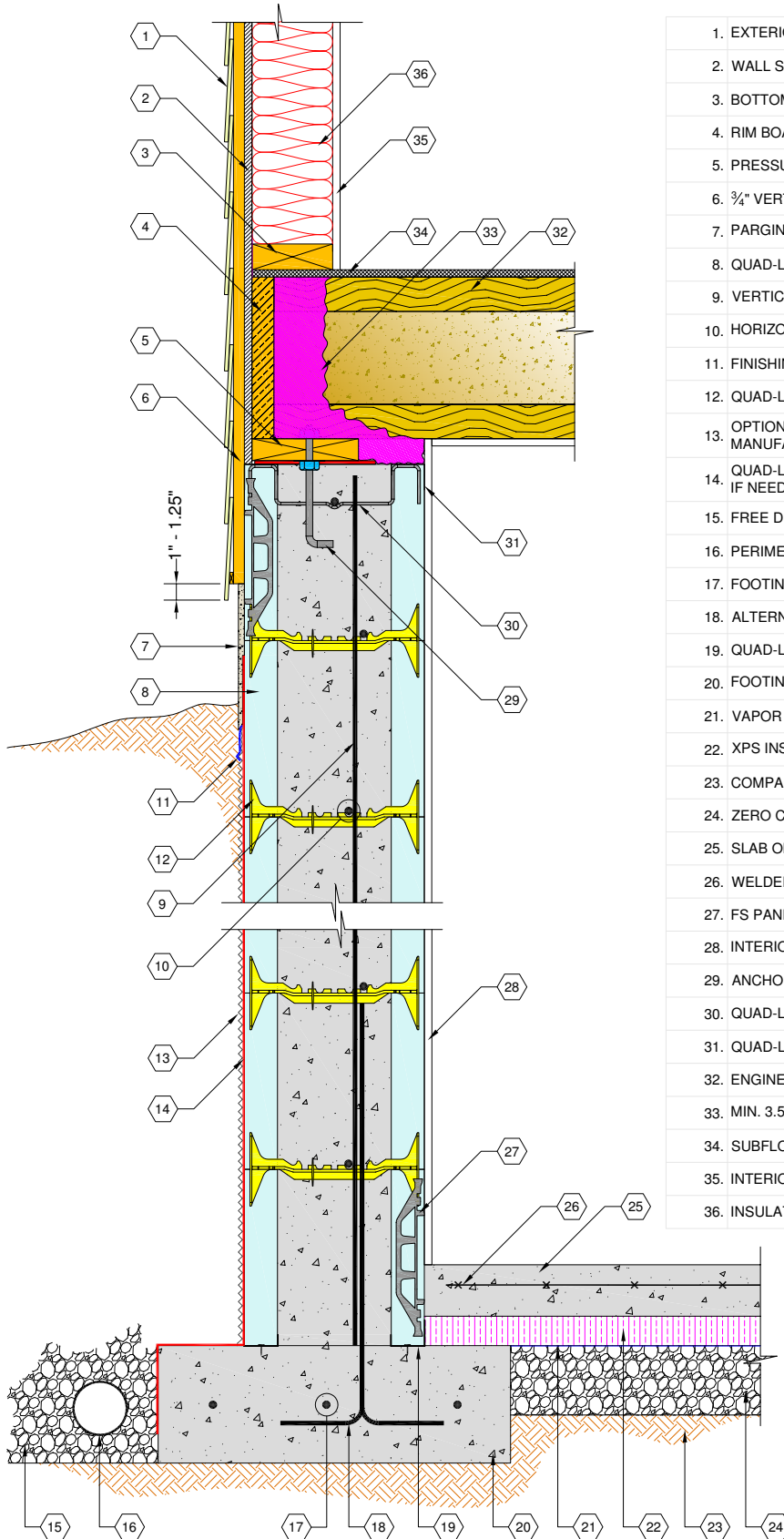
**SPRATT EMANUEL ENGINEERING LTD.**

Per:

**Mark W. Emanuel, P.Eng.  
Principal**

MWE/tb





1. EXTERIOR FINISH AS SPECIFIED (HORIZONTAL SIDING SHOWN)
2. WALL SHEATHING COVERED WITH MOISTURE BARRIER ON THE OUTSIDE
3. BOTTOM PLATE
4. RIM BOARD AS SPECIFIED
5. PRESSURE TREATED SILL PLATE WITH SILL SEALER FROM UNDERNEATH
6. 3/4" VERTICAL FURRING AS SPECIFIED
7. PARGING HEIGHT AS PER CODE (EXTEND 3" BELOW GRADE)
8. QUAD-LOCK REGULAR 2.25" THICK PANEL
9. VERTICAL REINFORCEMENT (MIN 1.25" CONCRETE COVER FROM INSIDE FACE)
10. HORIZONTAL REINFORCEMENT (MIN 1.25" CONCRETE COVER FROM INSIDE FACE)
11. FINISHING STRIP IF REQUIRED
12. QUAD-LOCK 8" TIE YELLOW
13. OPTIONAL DRAINAGE BOARD (DELTA MS CLEAR OR EQ.) FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS
14. QUAD-LOCK PEEL&STICK (COLPHENE ICF OR EQ.) WATER PROOFING MEMBRANE IF NEEDED, APPLY ELASTOCOL STICK H2O PRIMER AT THE RATE OF 0.1 TO 0.3 l/m<sup>2</sup>.
15. FREE DRAINING FILL
16. PERIMETER DRAIN
17. FOOTING STRIP REINFORCEMENT AS SPECIFIED
18. ALTERNATE DOWELS LEGS AS SHOWN
19. QUAD-LOCK TRACK
20. FOOTING STRIP (SEE STRUCTURAL DETAILS FOR SIZE AND REINFORCEMENT)
21. VAPOR BARRIER AS SPECIFIED
22. XPS INSULATION (OR EPS WITH EQ. COMPRESSIVE STRENGTH)
23. COMPACTED FILL
24. ZERO COMPACTION SAND OR GRAVEL
25. SLAB ON GRADE
26. WELDED WIRE MESH OR LONGITUDINAL AND TRANSVERSE REBAR
27. FS PANEL FOR GYPSUM WALLBOARD ATTACHMENT
28. INTERIOR FINISH (GYPSUM WALLBOARD) FASTEN TO QUAD-LOCK TIE FLANGES
29. ANCHOR BOLTS AS SPECIFIED
30. QUAD-LOCK WIRE TOP TIE
31. QUAD-LOCK TRACK - PROVIDES FASTENING SURFACE FOR INTERIOR FINISH
32. ENGINEERED I-JOISTS AS SPECIFIED
33. MIN. 3.5" THICK MEDIUM DENSITY SPRAY POLYURETHANE FOAM (MDSPF)
34. SUBFLOOR AS SPECIFIED
35. INTERIOR FINISH
36. INSULATION & STUDS

**QUAD-LOCK**  
Building Systems Ltd.

Quad-Lock Building Systems Ltd.  
7398 - 132nd Street  
Surrey, BC V3W 4M7  
Canada

888.711.5625 - Toll Free  
604.590.3111  
604.590.8412 - fax  
www.quadlock.com

IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

## WATER PROOFING DETAIL

DATE:	2009-09-15	SCALE:	NOT TO SCALE
REVISION NO.:	R-02	PROJECT:	
REVISION DATE:	2009-09-18	CUSTOMER:	
DRAWN BY:	Z. PROSTRAN	APPROVED BY:	H.M.K. & D.J.B.
			DRAWING NO.:
			QL-W