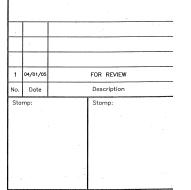


LOWER LEVEL PLAN

SCALE: 1/4" = 1'-0"

MAIN LEVEL PLAN
SCALE: 1/4" = 1'-0"





CAMPBELL COMEAU ENGINEERING LIMITED

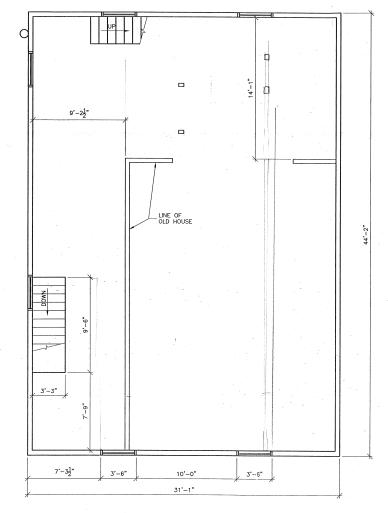
1657 BEDFORD ROW P.O. BOX 1028 HALIFAX, N.S. B3J 2X1 TEL: 429-5454 FAX: 444-3099 EMAIL: cce®compbellcomeau.ns.ca

HILLHOUSE LIMITED

160 MONTAGUE ST. LUNENBURG NOVA SCOTIA

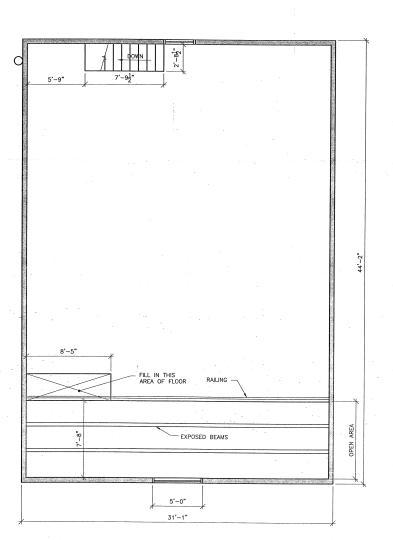
Drowing Title:
LOWER AND
MAIN LEVEL PLAN

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SECOND LEVEL PLAN

SCALE: 1/4" = 1'-0"



ATTIC LEVEL PLAN

SCALE: 1/4" = 1'-0"

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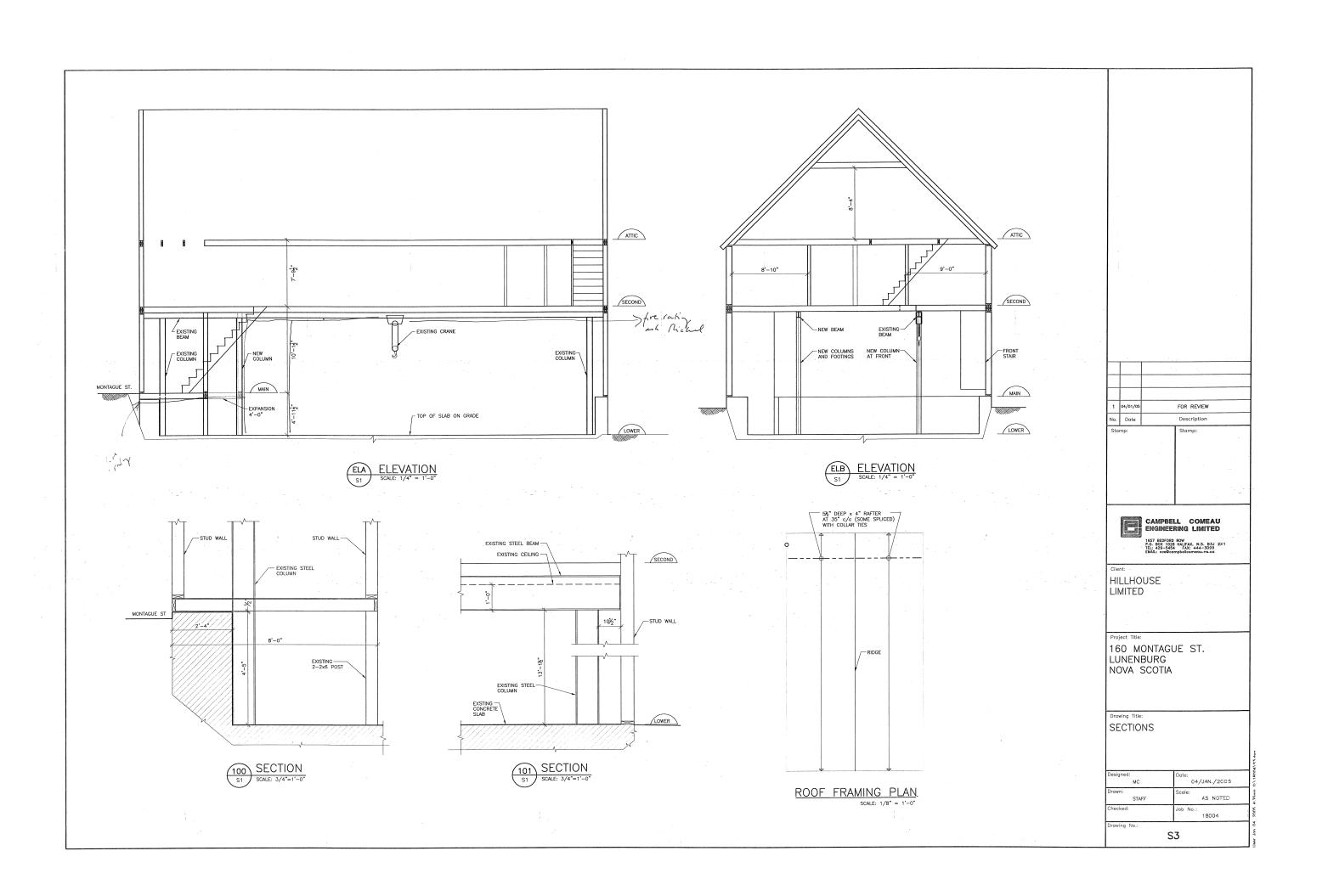


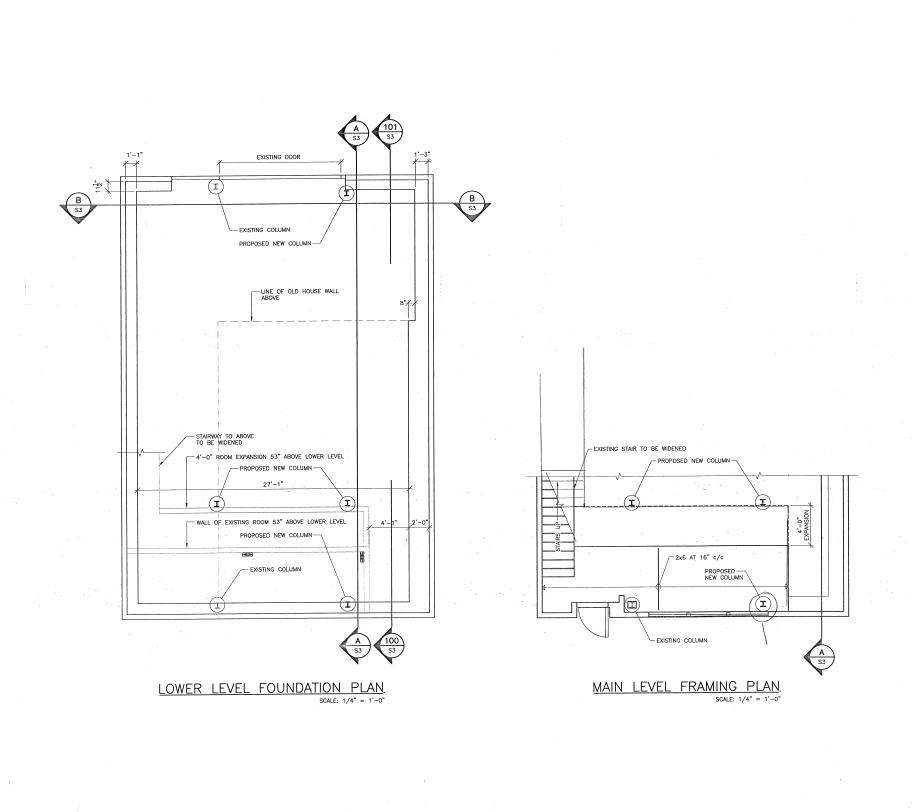
HILLHOUSE LIMITED

Project Title:
160 MONTAGUE ST.
LUNENBURG
NOVA SCOTIA

Drawing Title:
SECOND AND
ATTIC LEVEL PLAN

Designed:	Date:
MC	04/JAN./2005
Drawn:	Scale:
STAFF	AS NOTED
Checked:	Job No.:
	18004
Drawing No.:	





1 04/01/05 FOR REVIEW
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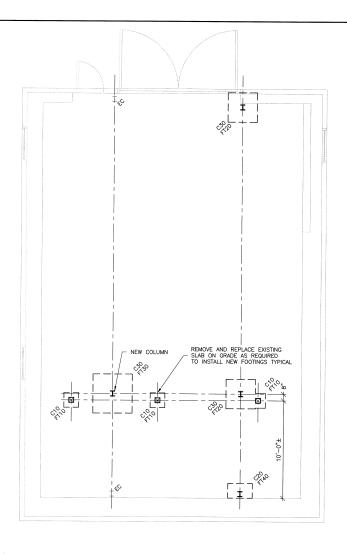
Project Title:

160 MONTAGUE ST.

LUNENBURG

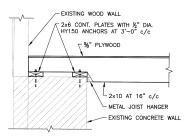
NOVA SCOTIA

Drawing Title:
LOWER AND
MAIN LEVEL PLAN



# LOWER LEVEL FOUNDATION PLAN

- EC: DENOTES EXISTING STEEL COLUMN
- C10: 6x6 WOOD POST
- C20: W8x24 STEEL COLUMN 9"x9"x3/4" BASE PLATE 2-3/4" DIA. ANCHOR BOLTS. C30: W8x31 STEEL COLUMN 9"x9"x3/4" BASE PLATE 2-3/4" DIA. ANCHOR BOLTS.
- FT10: 1'-6"x1'-6"x10" FOOTING REINF. 2-15M E.W.B.
- FT20: 3'-0"x3'-0"x12" FOOTING REINF. 3-15M E.W.B.
- FT30: 4'-0"x4'-0"x12" FOOTING REINF. 4-15M E.W.B.
- FT40: 1'-6"x2'-6"x10" FOOTING REINF. 3-15M E.W.B.



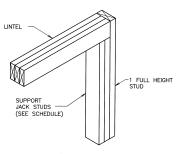


- GENERAL NOTES

  1. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS
  SET OUT IN THE 1995 NATIONAL BUILDING CODE OF CANADA.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH & SAFETY ACT.
- 3. AUTOCAD DIGITAL FILES CAN BE REQUESTED FROM CAMPBELL COMEAU ENGINEERING LIMITED AND WILL BE PROVIDED AFTER OUR DATA USE AGREEURT HAS BEEN COMPLETED. PLEASE NOTE A FEE OF \$230.00 WILL BE CHARGED FOR THIS SERVICE.
- ALL FOOTINGS TO BE PLACED ON UNDISTURBED SOIL OR STRUCTURAL BACKFILL HAVING A MIN. BEARING CAPACITY OF 3 KSF.
- 5. ANY EXCAVATION IN PROXIMITY OF THE EXISTING FOOTINGS MUST BE APPROVED BY THE SOILS ENGINEER PRIOR TO COMMENCEMENT AND COMPLETED UNDER HIS CONTINUAL SUPERVISION.
- THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, CHECK ALL DIMENSIONS, AND REPORT ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- SOIL BEARING CAPACITY SHALL BE VERIFIED BY THE SOILS ENGINEER IN WRITING PRIOR TO POURING OF FOOTINGS.
- ALL TRADES SHALL SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN NOVA SCOTIA, PRIOR TO COMMENCEMENT OF FABRICATION.
- CONTRACTOR TO CONFIRM EXISTING STRUCTURE RELATED DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH THE WORK.

# NEW STAIR - NEW COLUMN (I) 134"x916" PARALLAM STRINGER 134"x9½" PARALLAM STRINGER BOLT TO EACH EXISTING WALL \_2x10 AT 16" c/c STUD WITH 1-3/8" DIA. LAG BOLT I EXISTING COLUMN NEW COLUMN MAIN LEVEL FRAMING PLAN

- DESIGN LIVE LOAD = 100 PSF



## TYPICAL LINTEL DETAIL

PROVIDE SOLID BLOCKING AT THE UNDERSIDE OF THE UPPER FLOOR AT EACH LINTEL SUPPORT STUD

### REINFORCING STEEL NOTES

- ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 400 MPA AND SHALL CONFORM TO CSA G30.18-M92.
- ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED, PLACED AND SUPPORTED IN ACCORDANCE WITH REINFORCING STEEL MANUAL OF STANDARD PRACTICE BY THE REINFORCING STEEL INSTITUTE OF CANADA, 1996 (THIRD EDITION), AND CSA-A23.3-34.
- ALL WWF SHALL CONFORM TO CSA G30.3—M1983 AND CSA G30.5—M1983. ALL WWF SHALL BE SUPPLIED IN FLAT SHEETS ONLY. INSTALL AS PER DETAILS ON THIS DRAWING.
- ALL REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 36 BAR DIAMETERS, UNLESS NOTED OTHERWISE.

#### FORMWORK NOTES

- DESIGN, CONSTRUCT AND REMOVE FORMWORK, FRAMING SUPPORTS AND BRACING TO CONFORM TO REQUIREMENTS SPECIFIED IN CSA-A23.1-00, AND CSA-S269.1-1975, TO PROVIDE PINISHED POURED CONCRETE SURFACES WITHIN SPECIFIED TOLERANCES.
- . ALLOWABLE TOLERANCES TO REQUIREMENTS OF CSA—A23.1—00.
- . CHAMFER ALL EXTERNAL CORNERS EXPOSED TO VIEW.
- INSTALL ITEMS SUPPLIED BY OTHERS SUCH AS INSERTS, ANCHOR BOLTS, MISCELLANEOUS FRAMES, METAL FLASHING REGLETS, HOLES, SLEEVES, LADDER RUNGS AND DOVETAIL ANCHOR SLOTS.

# STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL SHALL BE NEW STOCK AND CONFORM TO THE FOLLOWING GRADES AND STANDARDS:
  - (a) CAN/CSA-G40.21-98 TYPE 300W (b) HOLLOW STRUCTURAL SECTIONS: CAN/CSA-G40.21-92 TYPE 350W, CLASS 'C' (c) STRUCTURAL W SHAPES: CAN/CSA-G40.21-98 TYPE 350W
- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH CAN/CSA-S16.1-01.
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CSA W59-03 BY A FABRICATOR FULLY APPROVED UNDER CSA W47.1-03. DIVISION NO. 1 OR NO. 2.
- ALL BOLTS, NUTS AND WASHERS FOR STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325.
- ALL ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A36 OR ASTM A307.
- 6. ALL BASE PLATES SHALL BE GROUTED SOLID WITH 1" NON-SHRINK GROUT.
- 7. NO HOLES SHALL BE CUT IN STRUCTURAL STEEL WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
- SPLICES IN STEEL MEMBERS OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL NOT BE PERMITTED.
- CLEAN, PREPARE SURFACES AND SHOP PRIME STRUCTURAL STEEL IN ACCORDANCE WITH CAN/CSA-S16.1-01.
- TOUCH UP SHOP PRIMER TO BOLTS, WELDS, AND BURNED AND SCRATCHED SURFACES AT COMPLETION OF ERECTION.
- 11. SHOP PAINT TO CISC/CPMA 1-73a EXCEPT AS NOTED IN SPECIFICATIONS TOUCH UP SCRATCHES BOLTS AND WELDS AFTER ALL STEEL IS ERECTED.

# CONCRETE NOTES

- 1. ALL CONCRETE SHALL CONFORM TO CSA-A23.1-00. AND BE READY MIX.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE AS 25 MPa.
- 3. ALL CONCRETE ADDITIVES SHALL BE APPROVED BY THE ENGINEER.
- NO CONCRETE SHALL BE POURED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- 5. ALL CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CSA-A23.2-00.
- 6. ALL CONCRETE CURING SHALL CONFORM TO CAN/CSA-A23.1-00.
- 7. CONCRETE PROTECTIVE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
  A. EXPOSED TO FILL U/S OF FOOTING. 3"
  B. FORMED AND AGAINST FILL
  2"
- 8. CONCRETE SLAB ON GRADES MINIMUM THICKNESS 4" AND REINFORCED WITH 6 x 6 6/6 WWF.

### TIMBER FRAMING NOTES

- ALL LUMBER SHALL BE No. 1/ No. 2 GRADE SPF IN ACCORDANCE WITH CSA-086-01 UNLESS NOTED OTHERWISE.
- ALL NAILS, SPIKES AND STAPLES SHALL BE IN ACCORDANCE WITH NBCC CLAUSE 9.23.3.
- 3. PRE-DRILL ALL LAG BOLT HOLES PRIOR TO INSTALLING BOLTS.
- 4. DOUBLE UP JOISTS UNDER PARALLEL NON-LOAD BEARING WALLS. PROVIDE SOLID BLOCKING THROUGH UPPER FLOORS AT ALL LINTEL LOCATIONS.
- 6. ALL POSTS AND LINTEL SUPPORTS SHALL HAVE CONTINUOUS BEARING TO TOP OF FOUNDATION WALLS.
- 7. PROVIDE SOLID BLOCKING AT THE UNDERSIDE OF ALL BEARING WALLS.

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3	03/02/05	GE	NERAL REVISION
2	14/01/05	ISSUED FOR FOOTINGS & STRUCTURAL STEEL	
1	07/01/05	FOR REVIEW	
No.	Date	Description	
Sta	mp:		Stamp:
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HILLHOUSE LIMITED

160 MONTAGUE ST. LUNENBURG NOVA SCOTIA

Drawing Title

LOWER AND MAIN LEVEL PLAN NOTES AND TYPICAL DETAIL

Designed: MC	Date: 07/JAN./2005
Drawn: STAFF	Scale: AS NOTED
Checked:	Job No.: 18004
Drawing No.:	S1

