

Structural Integrity

Consulting Engineers, Inc.

January 14th, 2015

Tim Q Ly
188 Dartmouth St.
Portland, ME

Reference:
188 Dartmouth St. Renovation
Portland, ME

Structural Integrity, Inc. Job: #15-0217

Dear Tim,

This letter is to confirm that a representative of Structural Integrity has visited the above referenced site to observe the foundation, and wood and steel beam framing for the renovated two-family residence.

Based on our observations, photos, and instructions to the contractor, we are of the opinion that work has been completed in substantial conformance to the construction documents with the exception of the attached comments related to the site visit. This includes the use of 1/2" lag screws @ 24" o.c. anchors at the steel beam, 2x8 sisters used at the 1st floor beam instead of LVL.

Please do not hesitate to call with any questions or if I can be of further assistance.

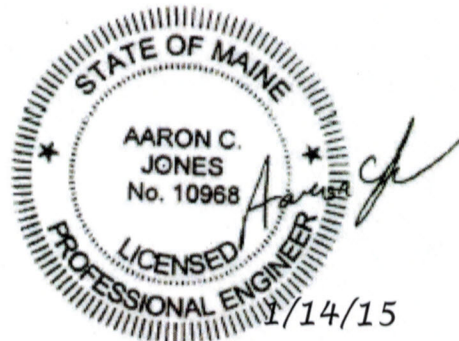
Sincerely,

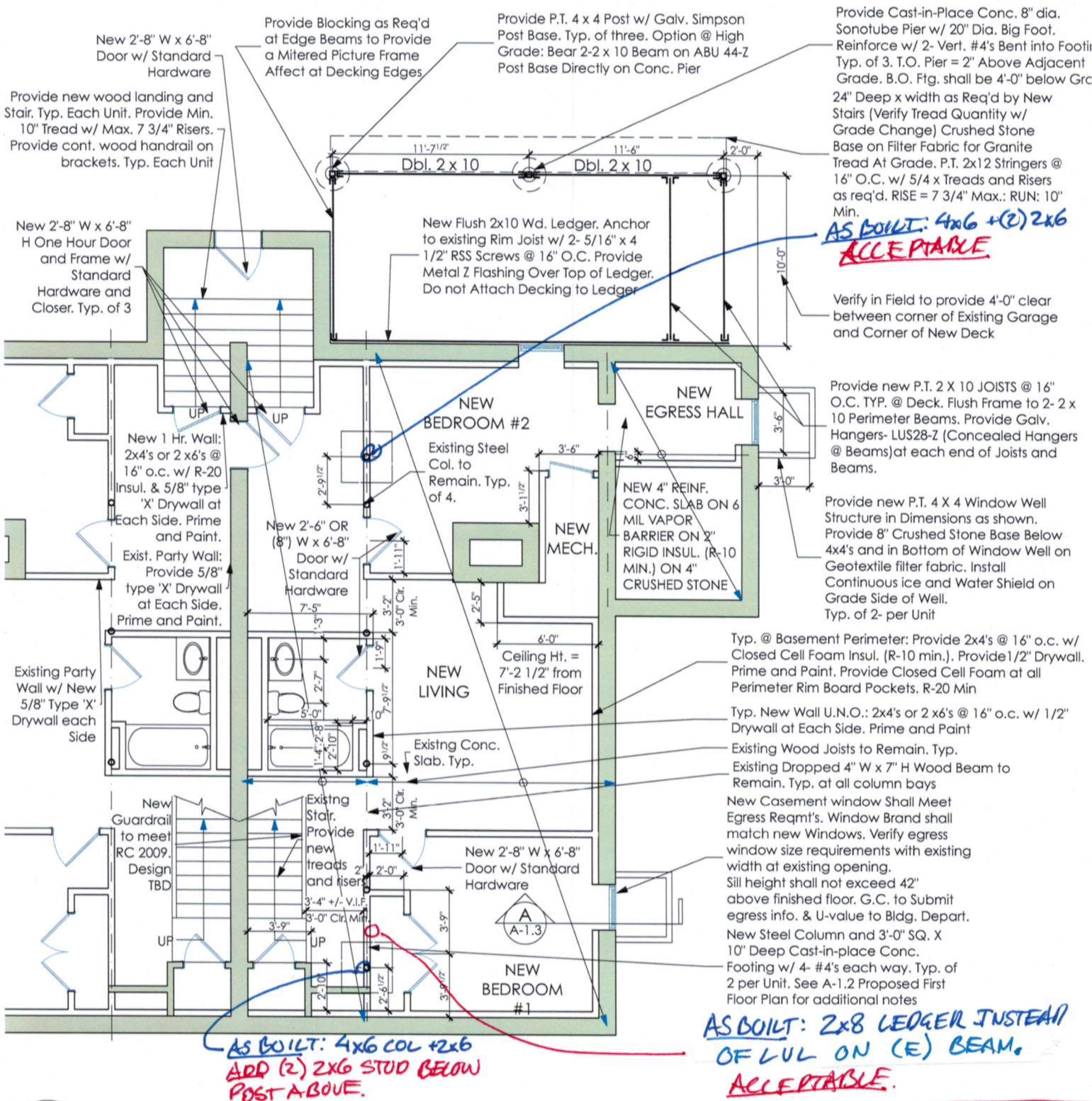


Matt K. Legere, E.I.T.
Project Engineer



Aaron C. Jones, P.E., SECB, LEED AP
President

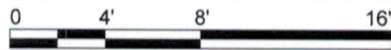




1

Proposed Basement & 1st Floor Framing Plan

SCALE: 1/8" = 1'-0"



MKL SI FIELD NOTES 1/7/16

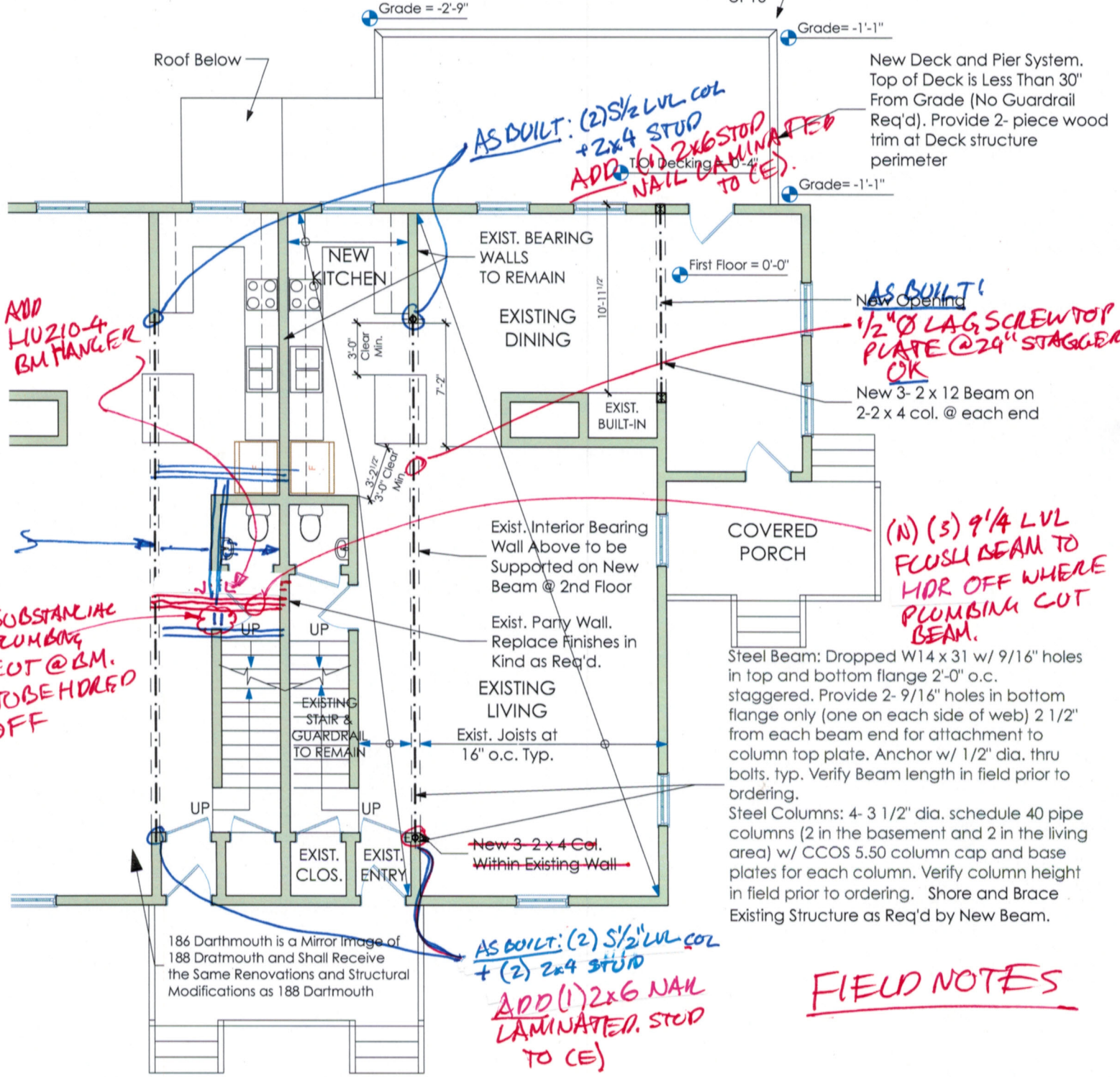
Proposed
Basement &
First Floor
Framing Plan

A-1.1

186-188 Dartmouth Street
Mainly Properties
186-188 Dartmouth Street Portland ME

SPOT Architecture
87 Emery Street, Apt. #3,
Portland, Maine
C: 207.756.4153

Extent of Steps as Per Owner & Grade Requirements. Rise Shall not be more than 7 3/4" High and Run Shall be a minimum of 10"



ADD LUGS TO 4 BM HANGER

SUBSTANTIAL PLUMBING CUT @ BM. TO BE HDR'D OFF

AS BUILT: (2) 5 1/2" LVL COL + (2) 2x4 STUD
ADD (1) 2x6 NAIL LAMINATED STOP TO CE)

FIELD NOTES

AS BUILT!
1/2" Ø LAG SCREW TOP PLATE @ 24" STAGGER OK

(N) (S) 9 1/4 LVL FLUSH BEAM TO HDR OFF WHERE PLUMBING CUT BEAM.

Steel Beam: Dropped W14 x 31 w/ 9/16" holes in top and bottom flange 2'-0" o.c. staggered. Provide 2- 9/16" holes in bottom flange only (one on each side of web) 2 1/2" from each beam end for attachment to column top plate. Anchor w/ 1/2" dia. thru bolts. typ. Verify Beam length in field prior to ordering.
Steel Columns: 4- 3 1/2" dia. schedule 40 pipe columns (2 in the basement and 2 in the living area) w/ CCOS 5.50 column cap and base plates for each column. Verify column height in field prior to ordering. Shore and Brace Existing Structure as Req'd by New Beam.

1 Proposed ~~1st Floor~~ & 2nd Floor Framing Plans

SCALE: 1/8" = 1'-0"



Proposed First Floor Plan

A-1.2

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