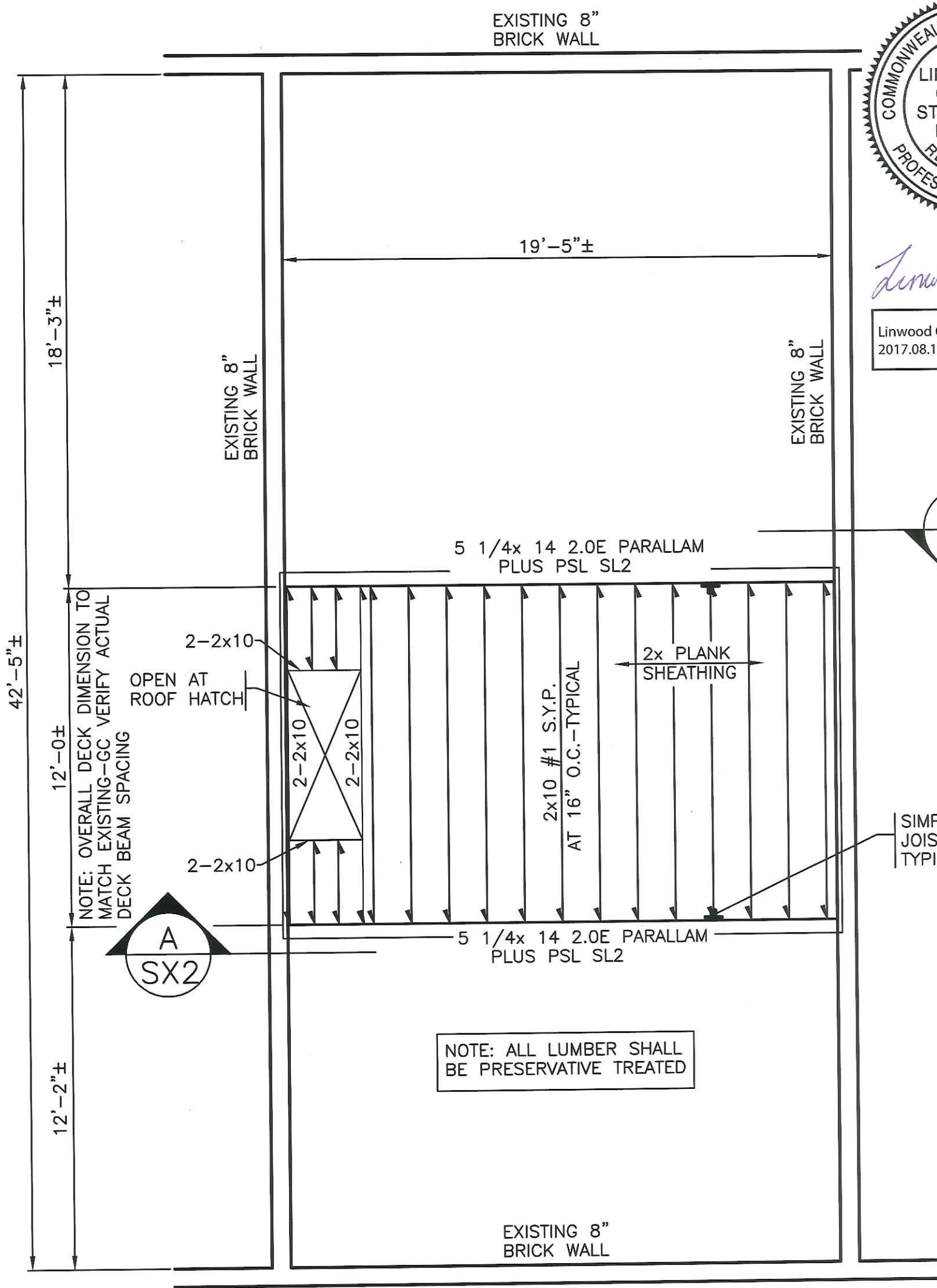




Linwood Gallant

Linwood Gallant
2017.08.14 13:11:49 -04'00'



NOTE: OVERALL DECK DIMENSION TO MATCH EXISTING-GC VERIFY ACTUAL DECK BEAM SPACING

NOTE: ALL LUMBER SHALL BE PRESERVATIVE TREATED

SIMPSON U210 JOIST HANGER TYPICAL



ROOF DECK FRAMING PLAN
3/16" = 1'-0"

VERTEX

Phone: 888.298.5162
400 Libbey Parkway | Weymouth, MA 02189
Vertex JOB# - 38426

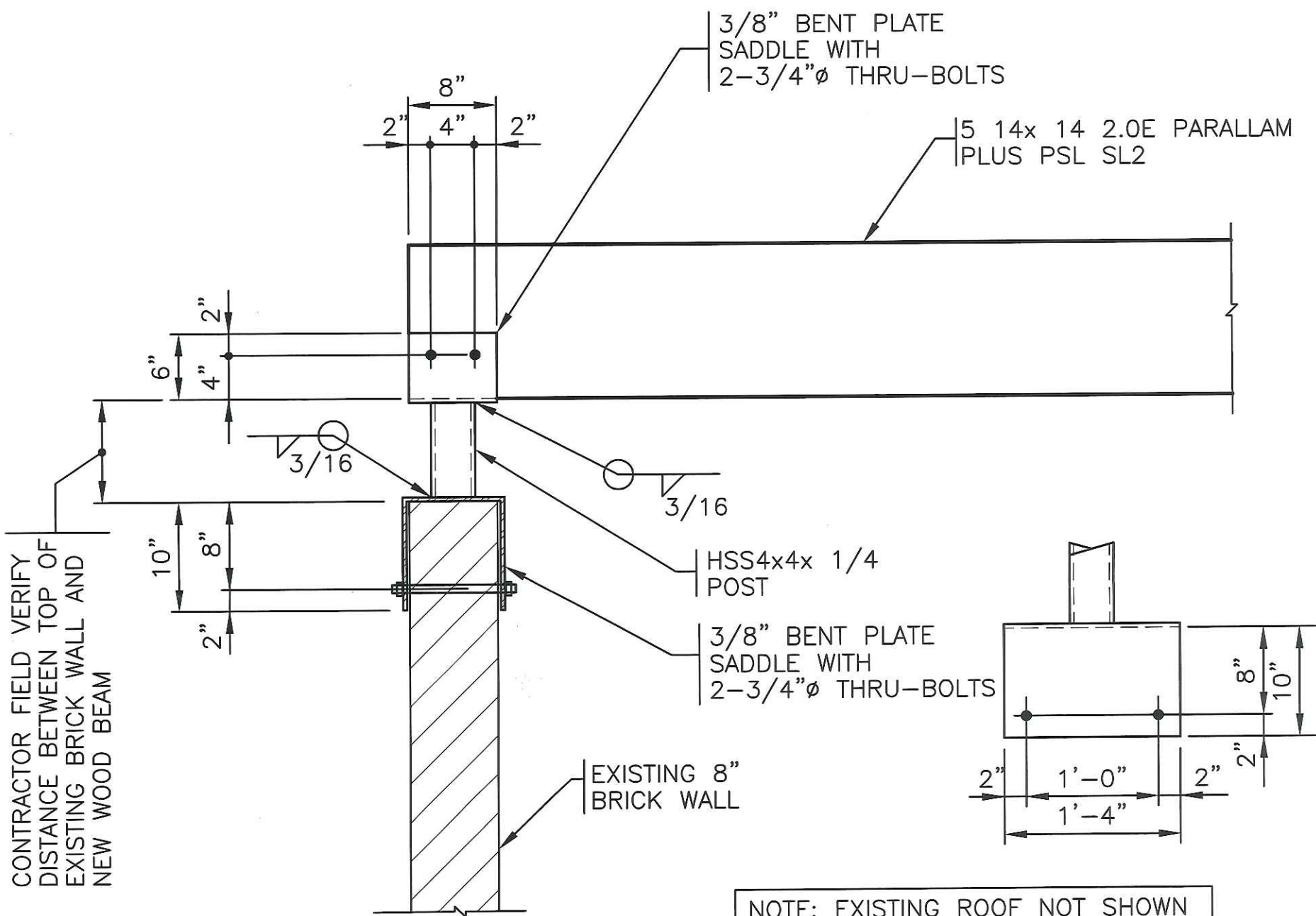
75 Rutland Street
Roof Deck Replacement
Boston, Massachusetts

NO.	DATE	ISSUED FOR
1	6/7/2017	CONSTRUCTION

SHEET TITLE	
ROOF DECK FRAMING PLAN	
SCALE	SHEET No.
3/16" = 1'-0"	SX-1

Linwood Gallant
2017.08.14 13:12:22
-04'00'

Linwood Gallant



NOTE: EXISTING ROOF NOT SHOWN

GROUT SPACE AS REQUIRED BETWEEN TOP OF BRICK AND BENT PLATE SADDLE TO PROVIDE FULL BEARING OF SADDLE ON BRICK

A
SX-2

NEW ROOF DECK BEAM DETAIL

3/4" = 1'-0"

VERTEX

Phone: 888.298.5162
400 Libbey Parkway | Weymouth, MA 02189
Vertex JOB# - 38426

75 Rutland Street
Roof Deck Replacement
Boston, Massachusetts

NO.	DATE	ISSUED FOR
1	6/7/2017	CONSTRUCTION

SHEET TITLE

ROOF DECK
BEAM DETAIL

SCALE

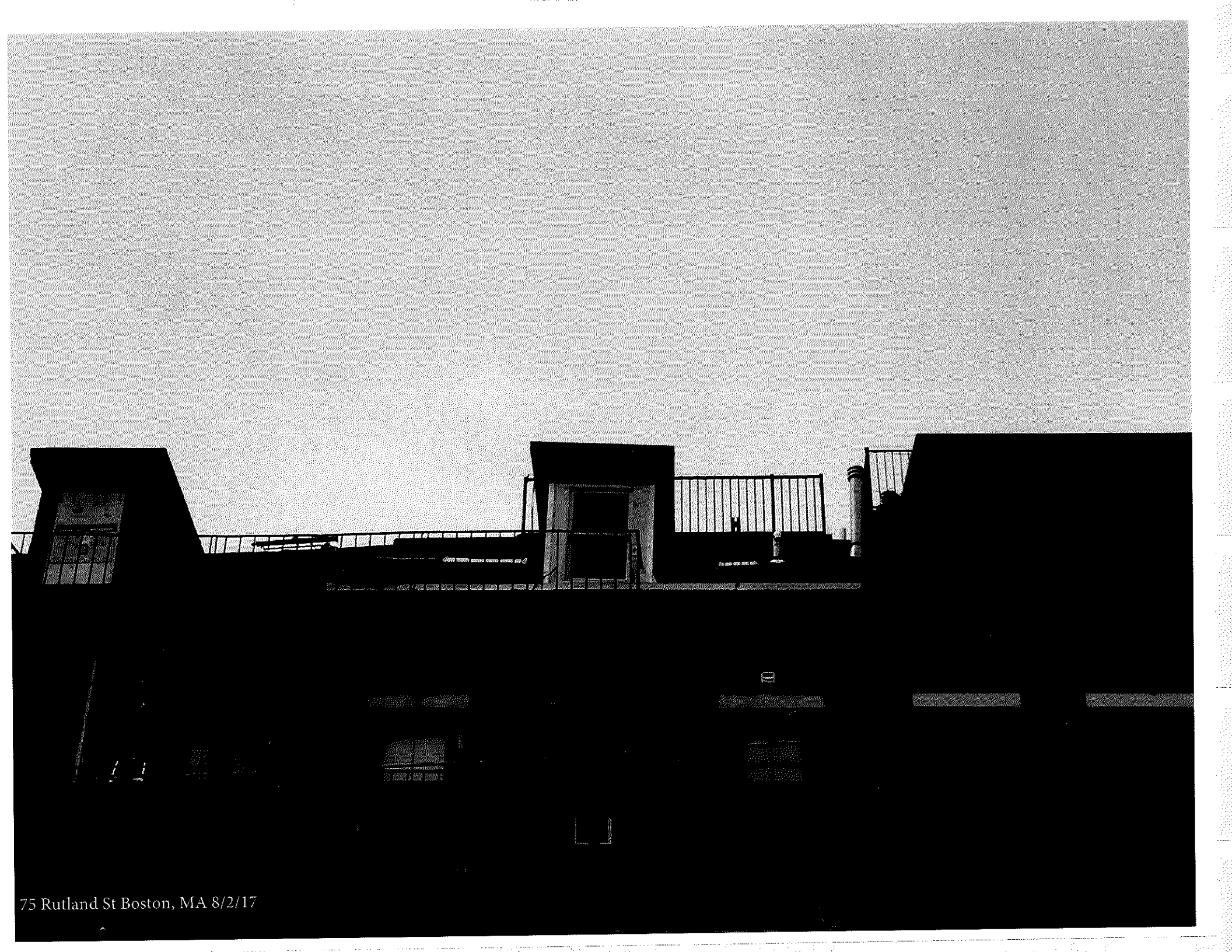
3/4" = 1'-0"

SHEET No.

SX-2



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17



75 Rutland St Boston, MA 8/2/17

BROWSE BY

PRODUCT TYPE

- [Accessories \(57\)](#)
- [Post Assembly \(21\)](#)
- [Top Rail \(18\)](#)
- [Rail Panel \(12\)](#)
- [Stair Panel \(12\)](#)
- [Beam Kits \(6\)](#)
- [Gates \(6\)](#)
- [Baluster Sets \(4\)](#)

COLOR

- [Aged Bronze \(44\)](#)
- [White \(44\)](#)
- [Satin Black \(44\)](#)
- [Glass \(4\)](#)

INSTALL TYPE

- [Level \(37\)](#)
- [Over-the-Top \(33\)](#)
- [Stair \(21\)](#)
- [Level / Stair \(18\)](#)
- [Angle \(9\)](#)

INFILL DESIGN

- [Square \(24\)](#)
- [Glass \(6\)](#)

INFILL SIZE (WITH COLOR AND MATERIAL IF INCLUDED)

- [0.75 in. - White - Aluminum \(8\)](#)
- [0.75 in. - Satin Black - Aluminum \(8\)](#)
- [0.75 in. - Black - Aluminum \(8\)](#)
- [4.125 in. x 38.1875 in. x 0.225 in. - Tempered Glass \(2\)](#)
- [4.125 in. x 32.1875 in. x 0.225 in. - Tempered Glass \(2\)](#)

INFILL

- [Not Included \(6\)](#)

STANDARD KIT LENGTH AND HEIGHT (WITH BOTTOM SPACE WHERE APPLICABLE)

- [6 ft. \(14\)](#)
- [8 ft. \(14\)](#)
- [8 ft. x 42 in. w/2 in. \(6\)](#)
- [8 ft. x 36 in. w/2 in. \(6\)](#)
- [6 ft. x 42 in. w/2 in. \(6\)](#)
- [6 ft. x 36 in. w/2 in. \(6\)](#)

INSTALLED HEIGHT

- [36 in. \(5\)](#)
- [42 in. \(5\)](#)

FINISHED GATE HEIGHT AND WIDTH (SPECIAL ORDER DIMENSIONS WILL VARY)

- [42 in. x 48 in. \(up to\) \(3\)](#)
- [36 in. x 48 in. \(up to\) \(2\)](#)



AVALON
Aluminum Railing

FEATURE SPOTLIGHT

AVALON™ Aluminum Railing, the newest edition to the RDI Metal Works family, brings you many of the features you've loved about our other products with a new attitude. Unique style options combine form, function and versatility to add a rich stylish look to your home while adding safety and security at the same time. Avalon Aluminum Rail comes as a pre-assembled railing panel in one convenient package (just choose a top rail). Avalon is extremely strong and durable and will not easily bend, break, twist, rust or snap. Our innovative Securatec™ locking strips are pre-installed into the top and bottom rails ensuring that balusters remain secure, rattle-free, and locked into place while eliminating the need for spacers and screws that may become loose or rust over time. Gorgeous, low maintenance, and durable, Avalon Aluminum Railing meets ASTM standards, is AAMA certified, and exceeds most commercial and residential building codes.

Avalon Aluminum Railing is available in 3 colors, (White, Satin Black, and Aged Bronze), square balusters (pre-assembled panels) or glass slats, 3 top rail styles, and in 42" commercial and 36" residential heights.

[Download > 2017 RDI Product Guide](#)

[Download > 2017 RDI Product Guide \(West\)](#)

[Download > 2017 Avalon Sell Sheet](#)

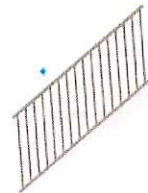
[Download > RDI Metal Works Avalon Aluminum Railing Warranty](#)



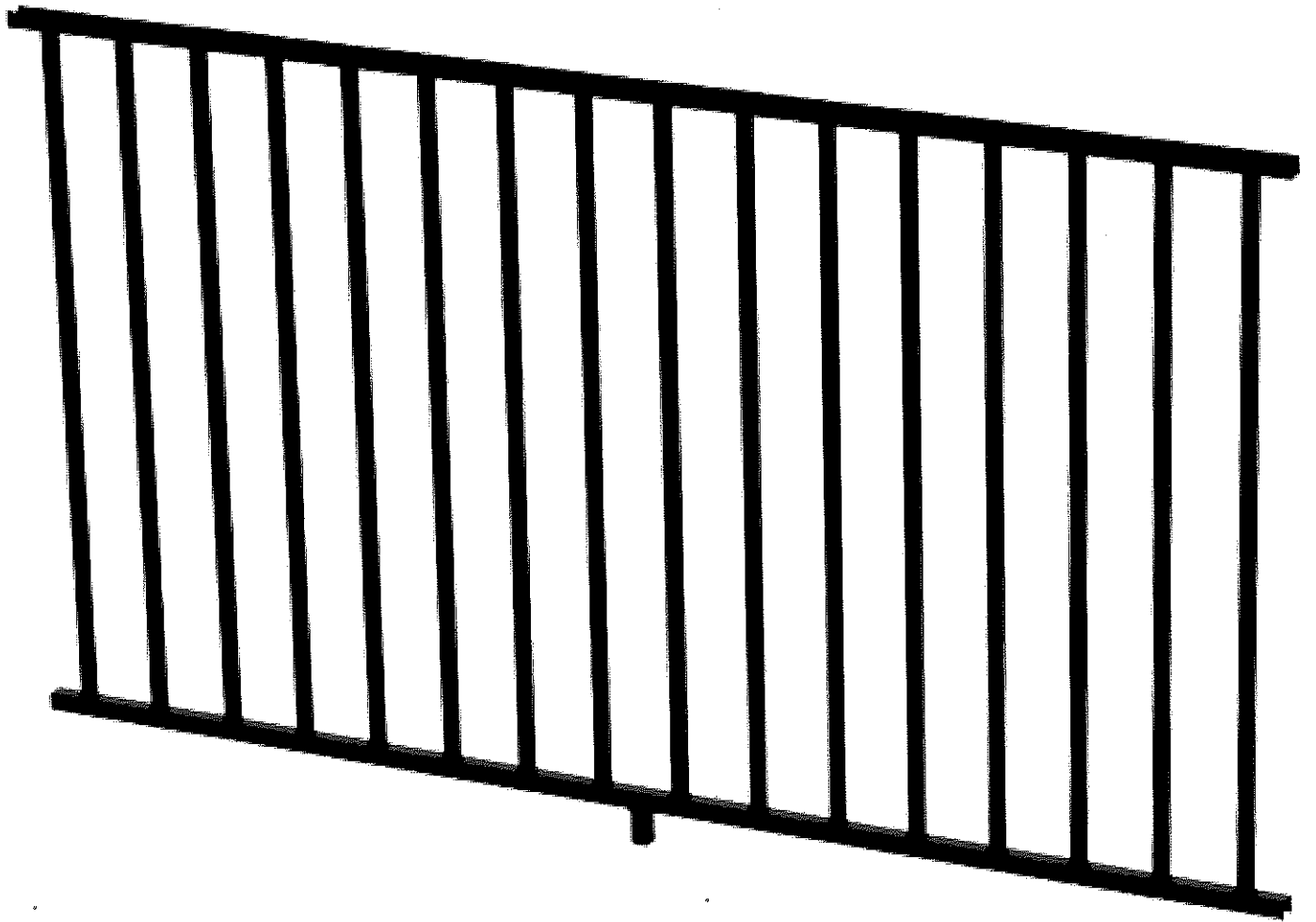
73019269
6X36 AVALON Rail SQ BAL W/BRKT WHITE



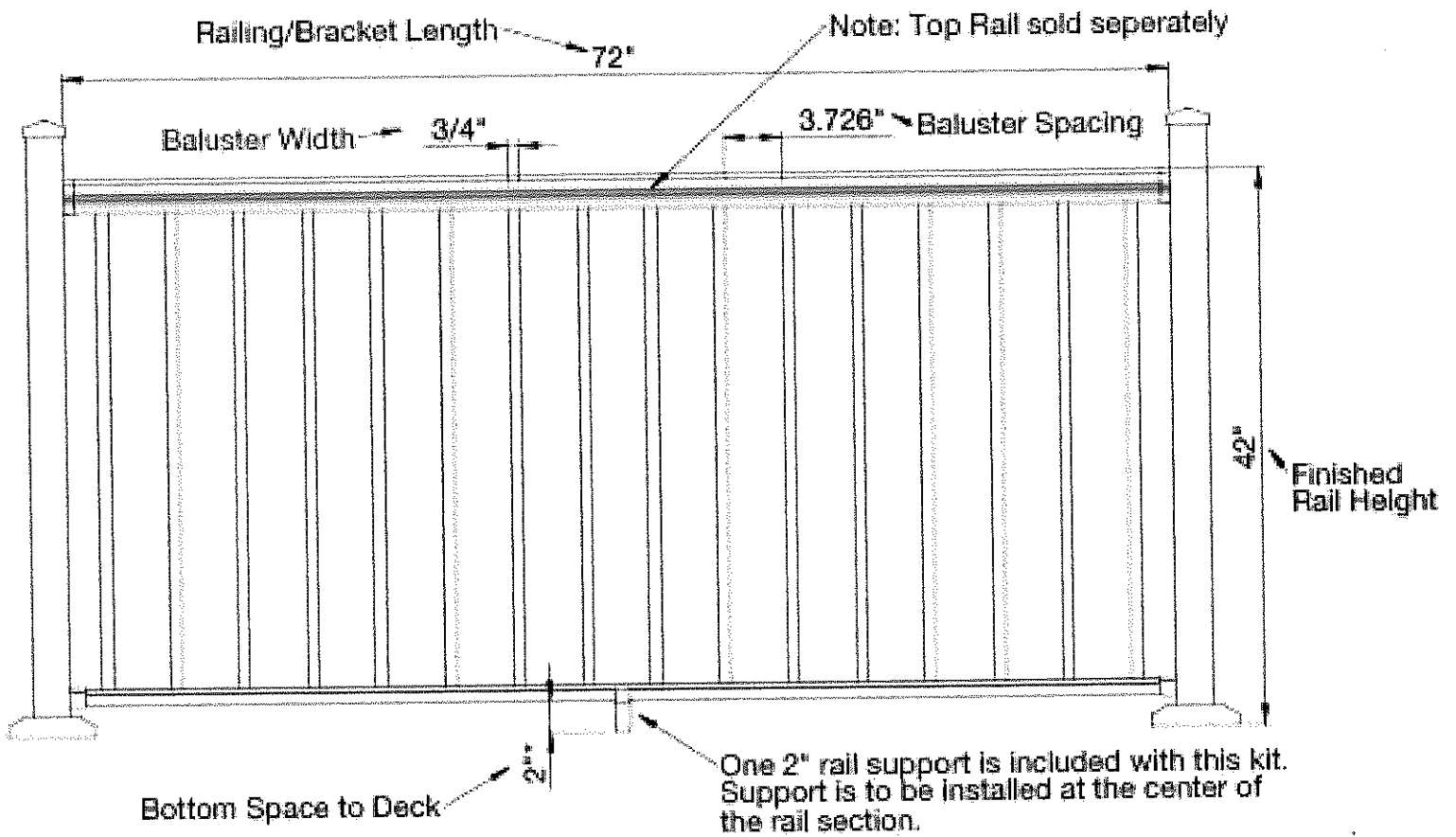
73019270
8X36 AVALON Rail SQ BAL W/BRKT WHITE



73019271
6X36 AVALON Stair SQ BAL W/BRKT WHITE

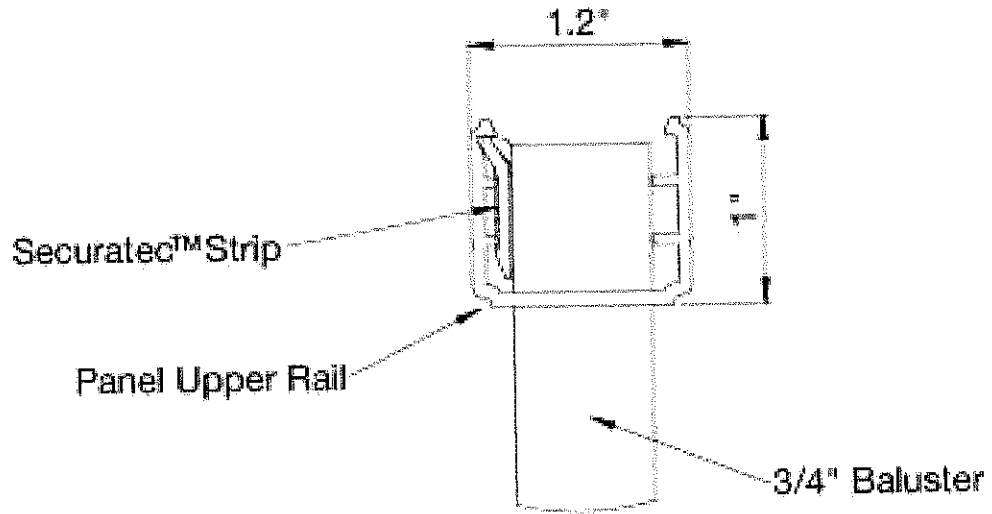


75 Rutland Street Boston, MA

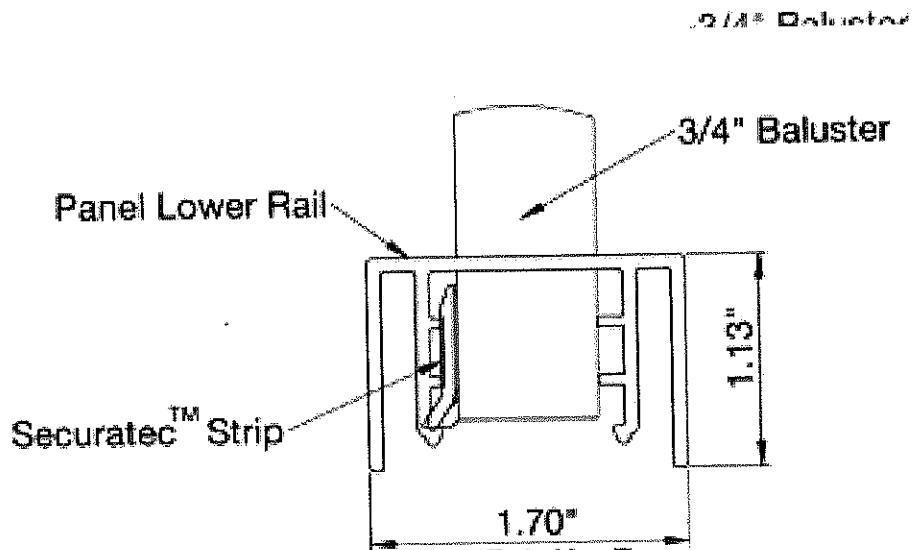


*Always consult your local Building Code Department for applicable regulations and product acceptance.

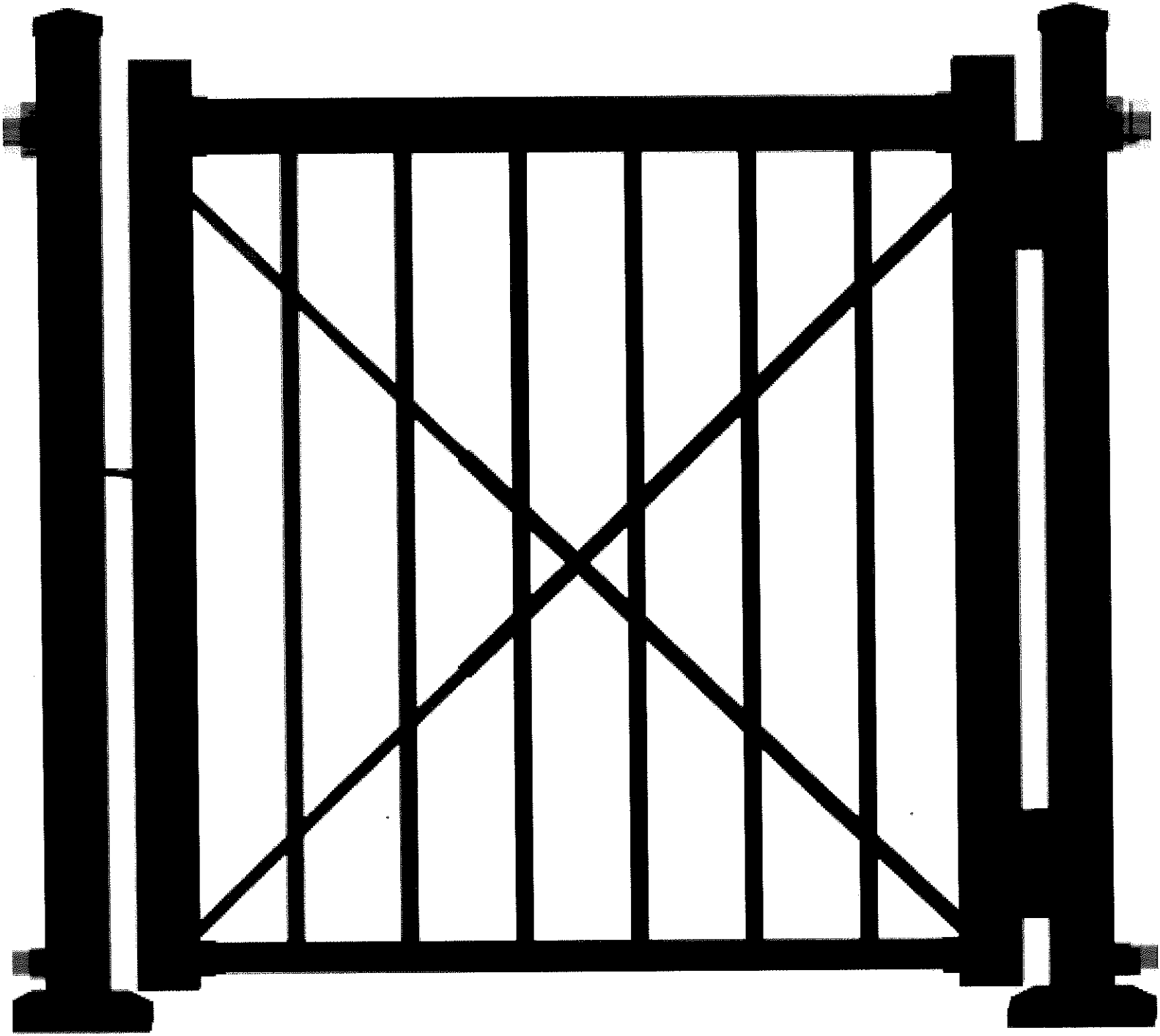
75 Rutland Street Boston, MA



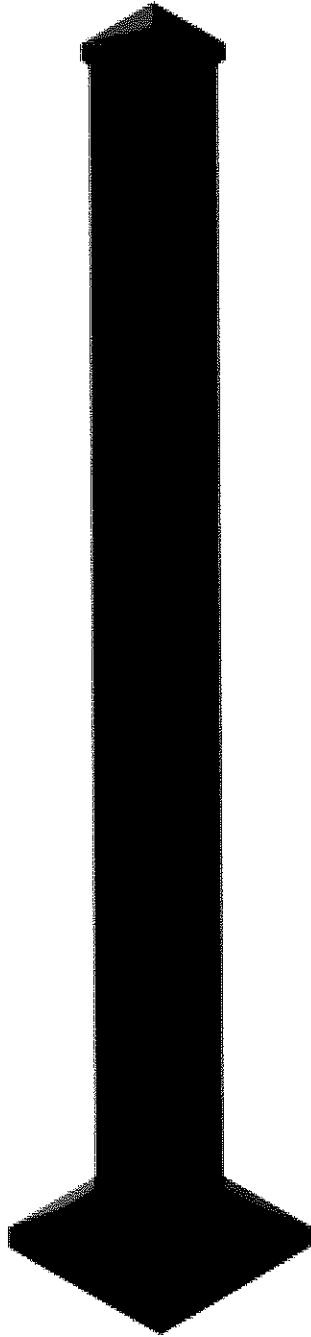
DETAIL A
SCALE 1 : 1



DETAIL B
SCALE 1 : 1



75 Rutland Street Boston, MA

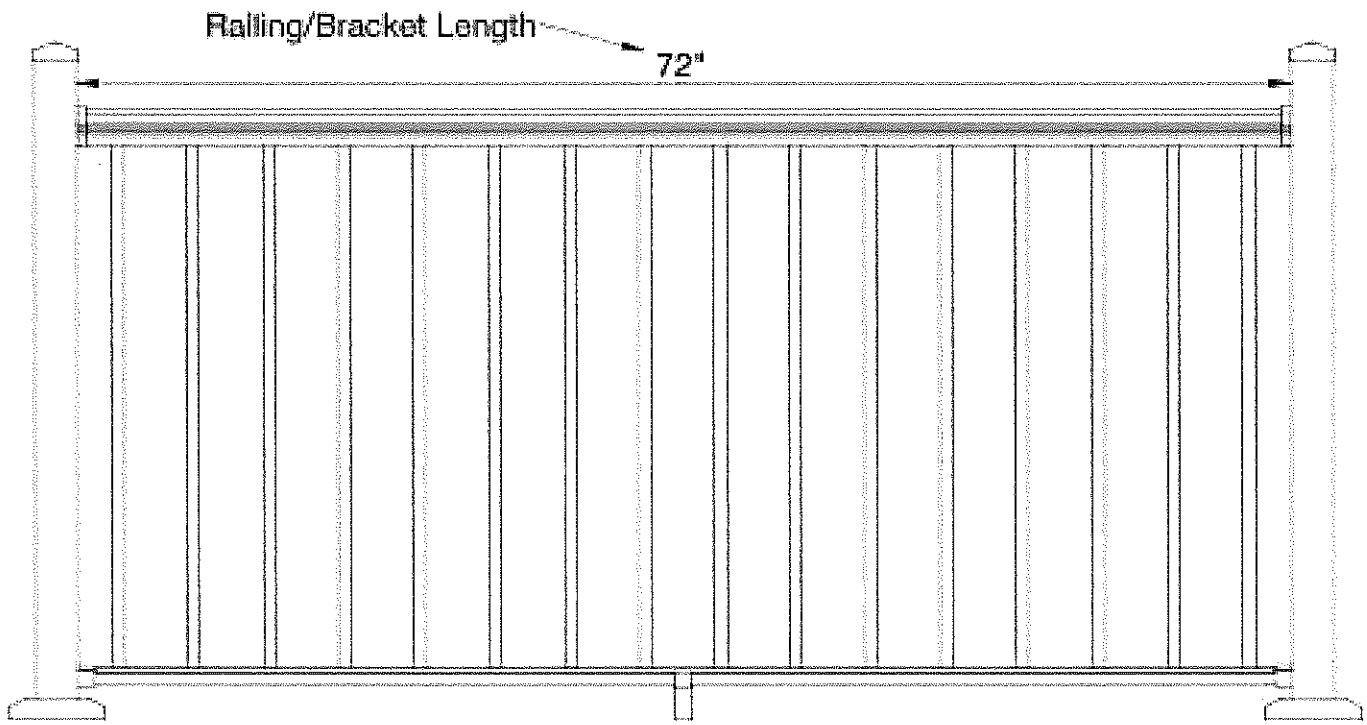


75 Rutland Street Boston, MA

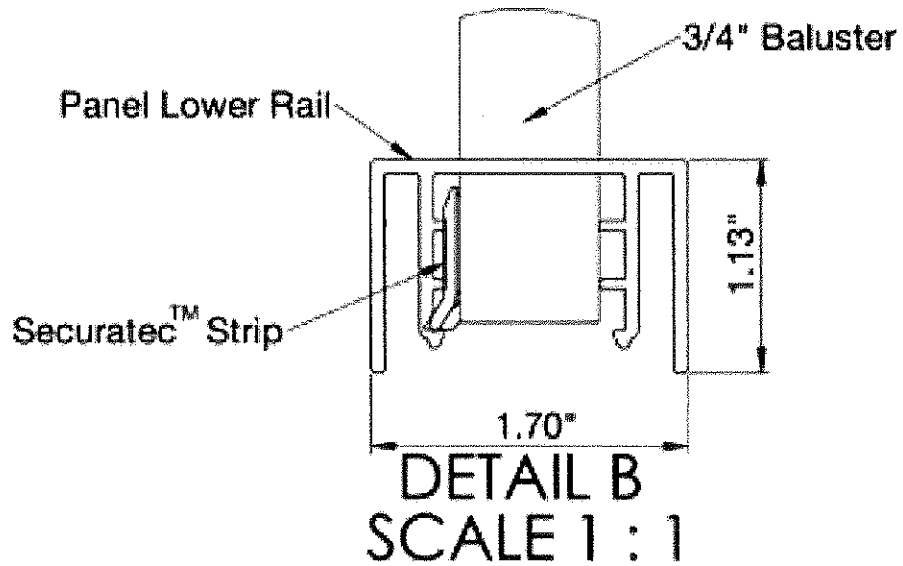
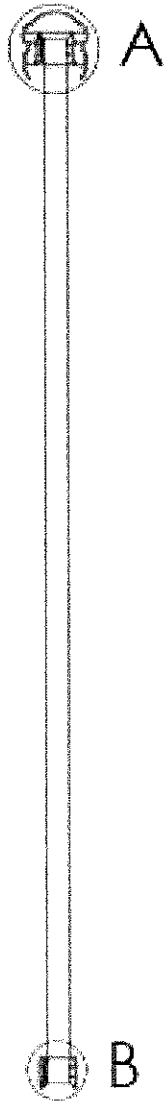
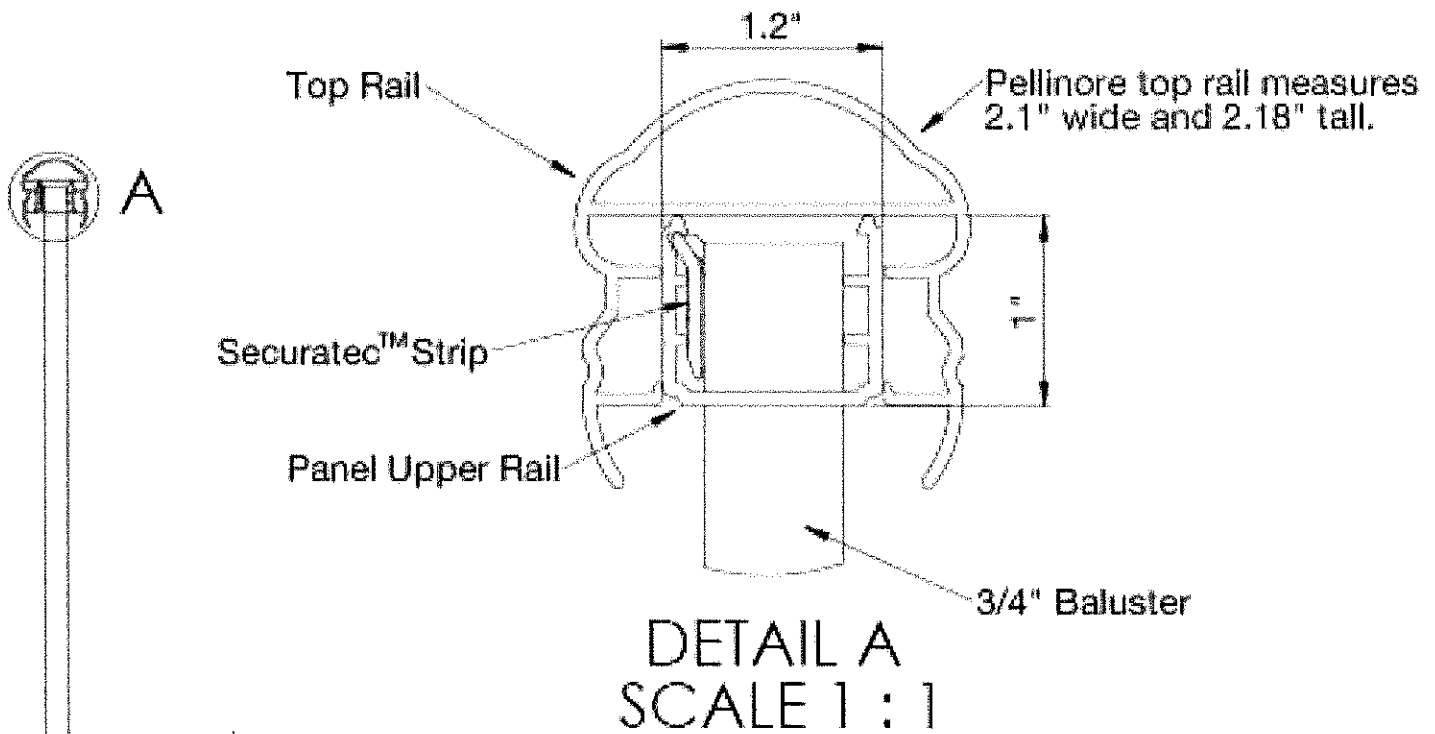


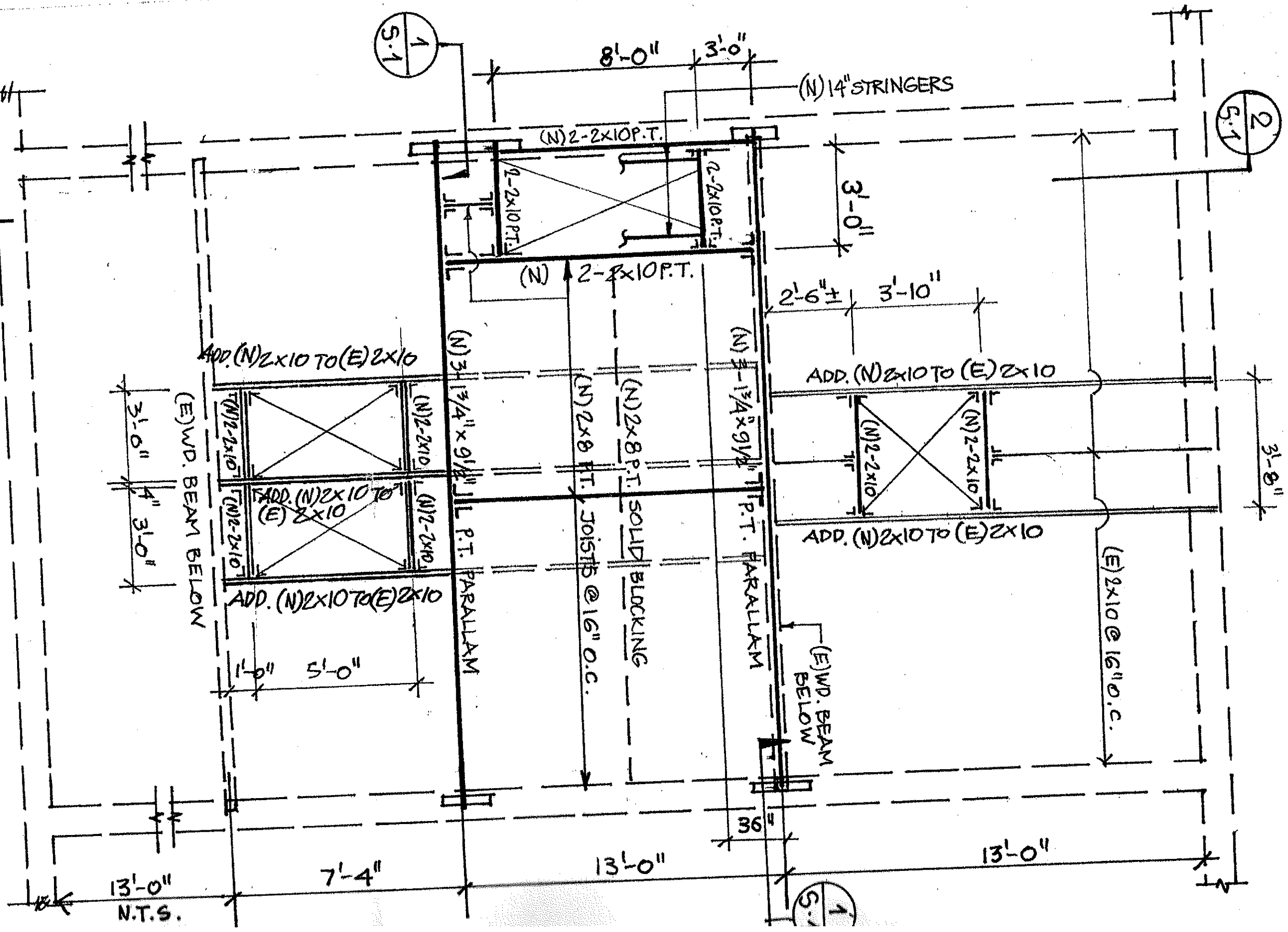
75 Rutland Street Boston, MA

Note: This is the Top Rail and bracket covers only. Rail panels and other components are sold separately.



75 Rutland Street Boston, MA





ROOF DECK FRAMING PLAN

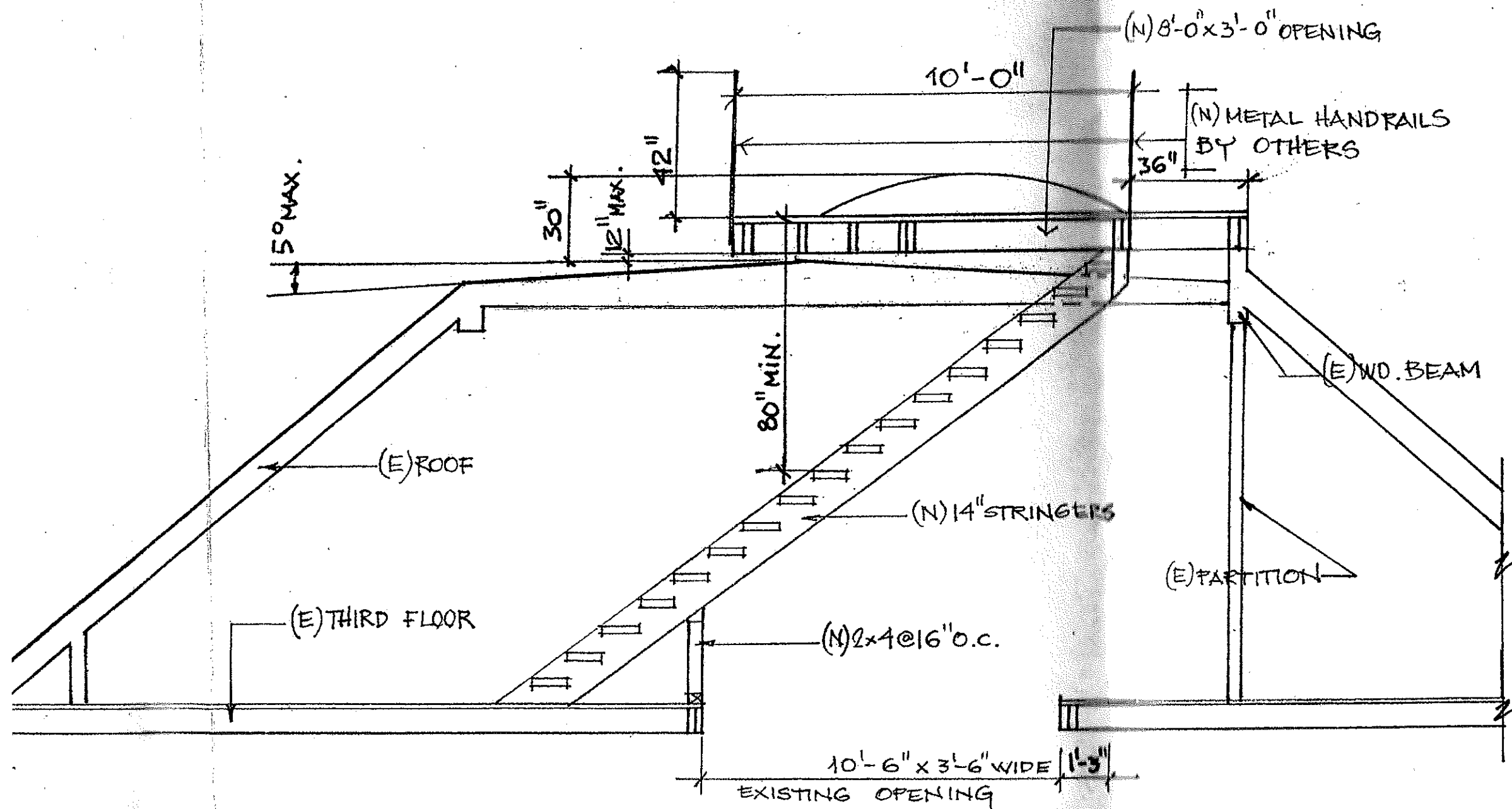
Scale: 1/4" = 1'-0"

13'-0" N.T.S.

1/5.1

2/5.1

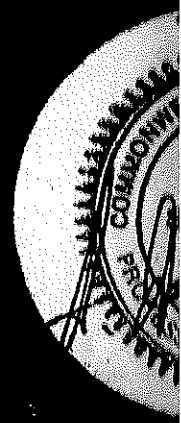
1/5.1



DETAIL
 Scale: $\frac{1}{4}'' = 1'-0''$

2
S-1

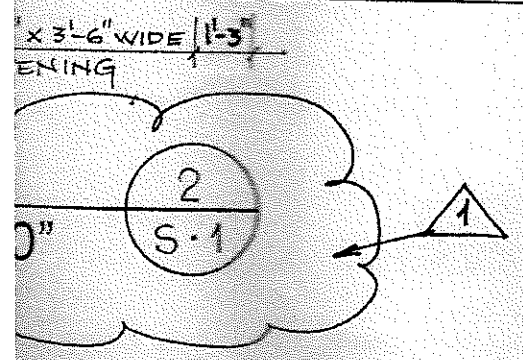
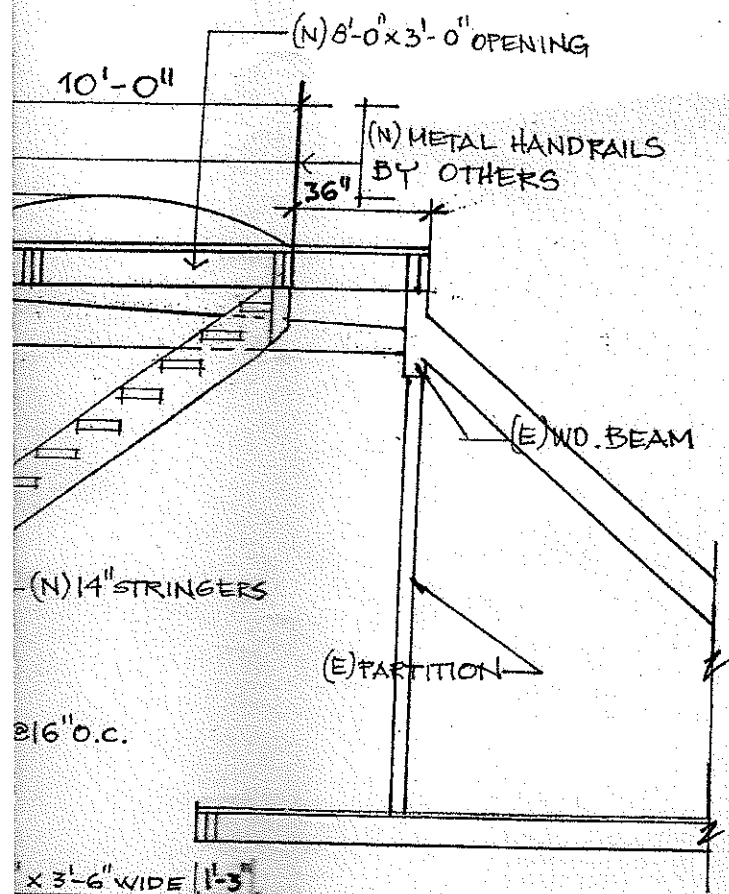
1



Do not seal
 All dimensions
 confirmed
 construct
 The contractor
 immediate
 any discrepancy
 the Architect

ALEXANDER DORFMAN P.E.

-FT



(N) HANDRAILS BY OTHERS
 3-1 3/4 x 9 1/2 PARALLAM P.T.



Do not scale drawings.
 All dimensions shall be confirmed prior to construction.
 The contractor shall immediately report any discrepancies to the Architect.

ALEXANDER DORFMAN P.E.
 18 St. Cloud Ave.
 Needham MA. 02492
 Tel. 781 444 0653

**5 RUTLAND STREET
 BOSTON, MA. 02118
 (roof deck)**

GENERAL NOTES

STRUCTURAL WOOD

All structural wood shall be kiln-dried and have a minimum bending stress
F-b = 1350 psi and E = 1500 ksi, unless otherwise noted.

Splices shall occur only over bearing points.

Joists shall be toe nailed to wood support with two 10d nails.

Minimum bearing for joists = 1-1/2".

End of joist shall be lapped over bearing and nailed together with 3-16d nails; minimum lap, 4".

Use metal joist hangers at all flush frame connections.

Bridging will be solid using 2" x joist depth installed in offset fashion. Maximum spacing
= 8 ft.

Girders will not rest less than 4" on supports.

Where beams and girders of nominal 2" members are shown nail with two rows of 16d nails
spaced not more than 24" o.c., locate end joists in members over supports.

All beams must splice only over supports unless specifically instructed otherwise by Structural
Engineer.

Parallam Beams

All structural Parallam timber shall be furnished as shown on the plans and specified herein.

Shop details shall be furnished by the fabricator and approval obtained from the buyer before
work has commenced.

Materials, Manufacturer and Quality Control shall be in conformance with Voluntary Project
Standard PS 56-73, "Structural Glued Laminated Timber."

(E) denotes existing member

(N) denotes new member.

If the structures appear to differ from structural drawings or new problems are encountered
during construction, Contractor will have to report it immediately to the Structural Engineer.

Structural Engineer shall not be responsible for fireproofing.

Structural Engineer shall not be responsible for waterproofing.

Contractor shall verify all dimensions on the job.

Contractor shall not scale dimensions from drawings.

The Structural Engineer shall not have control or charge of, and shall not be responsible for,
construction means, methods, techniques, sequences or procedures, for safety precautions and
programs in connection with the Work, for the acts or omissions of the Contractor, Subcontractors
or any other persons performing any of the Work, or for the failure of any of them to carry out the
Work in accordance with the Contract Documents.

In case of conflict between notes and/or sections or details, the most stringent condition shall govern.
Contractor must have the expertise to execute all work indicated on the drawings or shall hire
qualified help to do it.