

BUILDING CODE CLASSIFICATION
CONSTRUCTION TYPE.....5B
USE GROUP.....R2

INSULATION VALUES:
BUILDING ENVELOPE TO SATISFY REQUIREMENTS OF THE 780 CMR, CHAPTER 61, AND 2009 INTERNATIONAL ENERGY CONSERVATION CODE
- BUILDING ENVELOPE TO COMPLY WITH THE PRESCRIPTIVE ENVELOPE COMPONENT CRITERIA FOR NEW ONE- AND TWO-FAMILY BUILDING :
 FENESTRATION.....U=0.35
 CEILING OR EXPOSED FLOORS.....R-38
 EXTERIOR WALLS.....R-20
 FLOOR.....R-30
 BASEMENT WALL.....R-10
 SLAB PERIMETER: 4.0 FT. DEEP.....R-10
- BUILDING ENEVELOPE MUST BE CAULKED AND SEALED
-SUPPLY DUCTS IN ATTICS MUST BE INSULATED TO R-8
- RETURN DUCTS IN ATTICS AND ALL DUCTS IN CRAWL SPACES, UNHEATED BASEMENTS, GARAGES OR OTHERWISE OUTSIDE BUILDING ENVELOPE MUST BE INSULATED TO R-6
- ALL DUCTS TO BE SEALED AND PREASSURE TESTED FOR LEAKAGE PER REQUIREMENTS OF THE 2009 IECC
- MINIMUM OF 50 % OF ALL LAMPS TO BE ENERGY EFFICIENT
- MAXIMUM SOLAR HEAT GAIN COEFFICIENT SHGC = 0.30
- A CERTIFICATE MUST BE POSTED NEAR THE ELECTRICAL PANEL LISTING INSULATION LEVELS AND OTHER ENERGY EFFICIENCY MEASURES

Harborside Condominiums
(Unit B-2, B-5, B-6, B-10)
24 Lee Street
Marblehead, MA

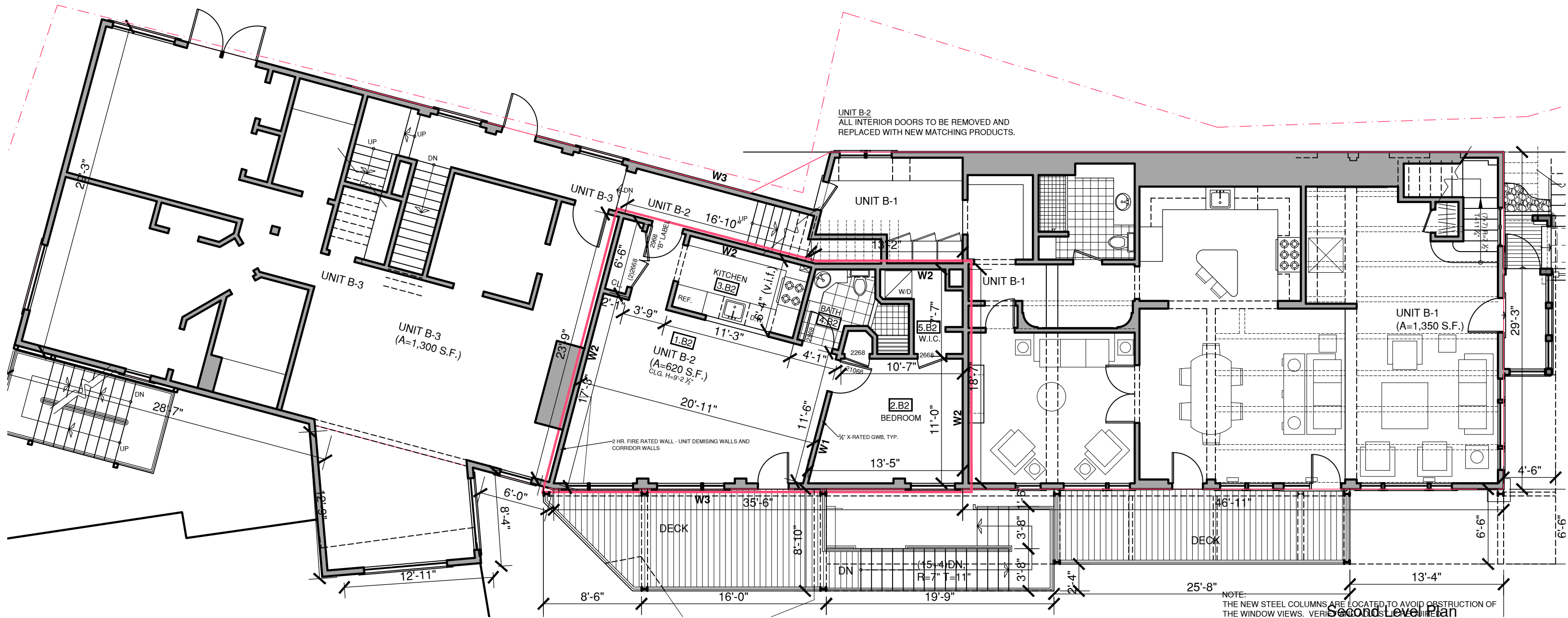
Date: March 31, 2014

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE IBC2009, MASSACHUSETTS STATE BUILDING, PLUMBING AND ELECTRICAL CODES AND ALL APPLICABLE LOCAL REGULATIONS AND ORDINANCES.
2. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS AND RUBBISH IN A LEGALLY APPROVED MANNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
4. CONTRACTOR SHALL PROVIDE TEMPORARY SECURITY FROM THE DEMOLITION PHASE TO FINAL COMPLETION.
5. CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACING TO SECURE THE STRUCTURAL INTEGRITY AND SAFETY OF ANY PERSONS UPON THE SITE.
6. CONTRACTOR SHALL REVIEW WORKING DRAWINGS IN THEIR ENTIRETY AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL SUBCONTRACTORS AND THEIR WORK.
7. CONTRACTOR SHALL CAREFULLY PATCH AND MATCH ADJACENT FINISHES AND MATERIALS AND ASSEMBLIES DISTURBED AS A RESULT OF WORK.

R Z A
R O B E R T Z A R E L L I
A R C H I T E C T, A I A

20 Prospect Street
Marblehead, MA 01945
781.631.5593
FAX: 781.639.8070



Scale: $\frac{1}{8}" = 1'-0"$
Date: March 31, 2014

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ROBERT ZARELLI
ARCHITECT
AIA, NCARB

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A2



Existing Photo



Existing Photo

Proposed Front Elevation - Ocean View (Southwest)

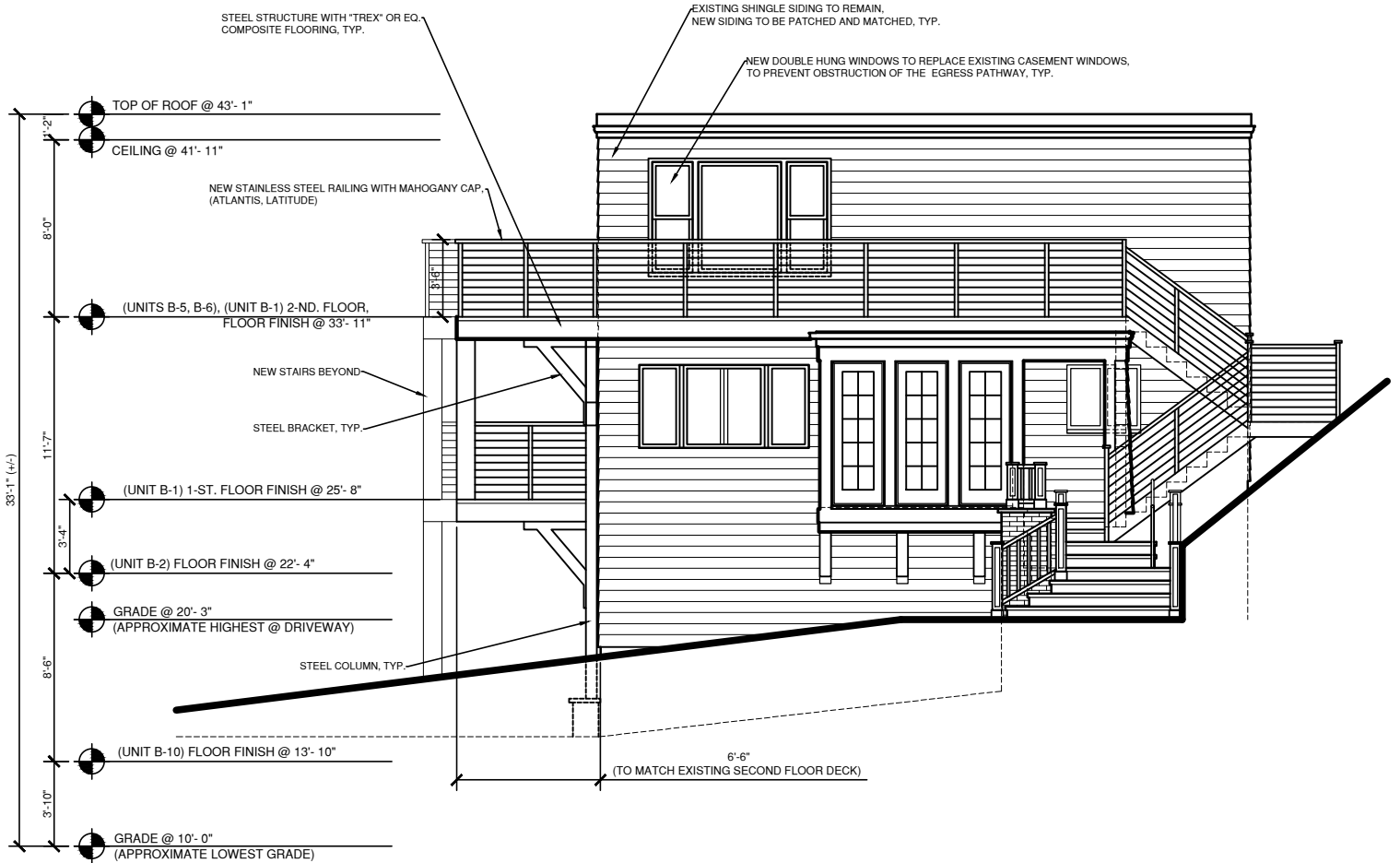
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A.4.a



SUNRAIL™ LATITUDE

New Look... Same Unobstructed View

The SunRail™ Latitude features prefabricated 316L stainless steel posts and horizontal cable infill, utilizing RailEasy™ round base tensioners and newly designed top rail mounting plates. These top rail mounting plates offer easy installation with virtually no hardware obstruction and allows customers to select their desired top rail.

CABLE RAILING INFILL

The SunRail™ Latitude System is comprised of mechanical swage tensioners riveted to 2" outer diameter stainless steel posts to allow for cable railing infill. These RailEasy™ Tensioners feature a compression fitting which enables installers to cut cable on-site, removing the hassle of pre-measuring and the cost of miscalculating dimensions. The cable used is a 5/32" diameter 1x19 strand cable. All fittings, cable and accessories are made from 316L stainless steel for maximum corrosion resistance. Standard cable spacing is less than 3" on-center.

HOW TO ORDER

The SunRail™ Latitude can be purchased through a local authorized Atlantis Rail Dealer. To find a dealer near you, please visit the Dealer Locator on the Atlantis Rail website. You can also fax (508-732-9788) or email (info@atlantisrail.com) a plan view layout with simple dimensions to Atlantis Rail for a quote. Call or click today to learn more about the new SunRail™ Latitude System.

SUNRAIL™ LATITUDE POST KITS

For easy ordering, the SunRail™ Latitude is offered as 3 post kit options in a 36" or 42" railing height. The post kits available are end posts, mid posts and corner posts. All post kits feature a 316L stainless steel 2" outer diameter tubular post in a polished finish. These kits space the cable railing infill at less than 3" on-center.

PART NUMBER	DESCRIPTION
S0952-E036	SunRail™ Latitude 36" End Post Kit
S0952-M036	SunRail™ Latitude 36" Mid Post Kit
S0952-C036	SunRail™ Latitude 36" Corner Post Kit
S0952-E042	SunRail™ Latitude 42" End Post Kit
S0952-M042	SunRail™ Latitude 42" Mid Post Kit
S0952-C042	SunRail™ Latitude 42" Corner Post Kit

End Post Kits:

- 36" or 42" tube
- Top Plate Mounting Assembly (fasteners included)
- Mounting base (fasteners not included)
- 11 or 13 RailEasy™ Tensioners Round (depending on height)

Mid Post Kits:

- 36" or 42" tube
- Top Plate Mounting Assembly (fasteners included)
- Mounting base (fasteners not included)
- 11 or 13 pre-drilled holes for running cable

Corner Post Kits (for 90° corners):

- 36" or 42" tube
- Top Plate Mounting Assembly (fasteners included)
- Mounting base (fasteners not included)
- 22 or 26 RailEasy™ Tensioners Round (depending on height)

Top Plate Mounting Assembly

This assembly allows for the easy installation of a customer supplied flat top rail. A cap is pre-welded to the post which is then fastened to a stainless plate. Wood screws are drilled up into the top rail.

Stair Fitting
S0902-0409

Fascia Mount
S0950-0002

The SunRail™ Latitude has the ability to fit any design situation including stair and fascia mounting applications.

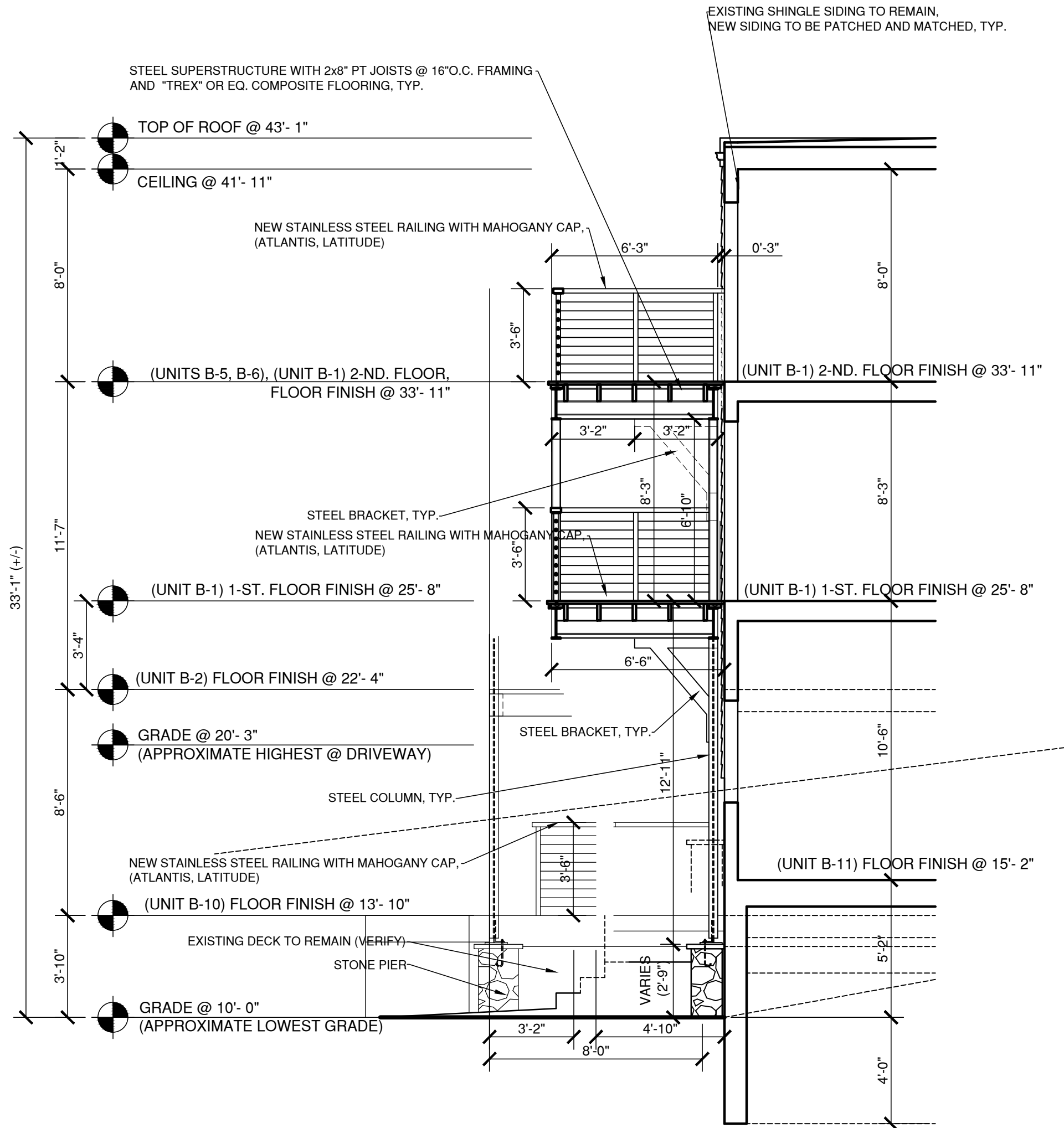
Proposed Left Side Elevation
(Northwest)
Scale: 1/8" = 1'-0"
Date: March 31, 2014

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A.4.b



Illustrative Cross Section Through the Unit B-1 Decks

Scale: 1/4" = 1'-0"
Date: March 31, 2014

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A.5.b