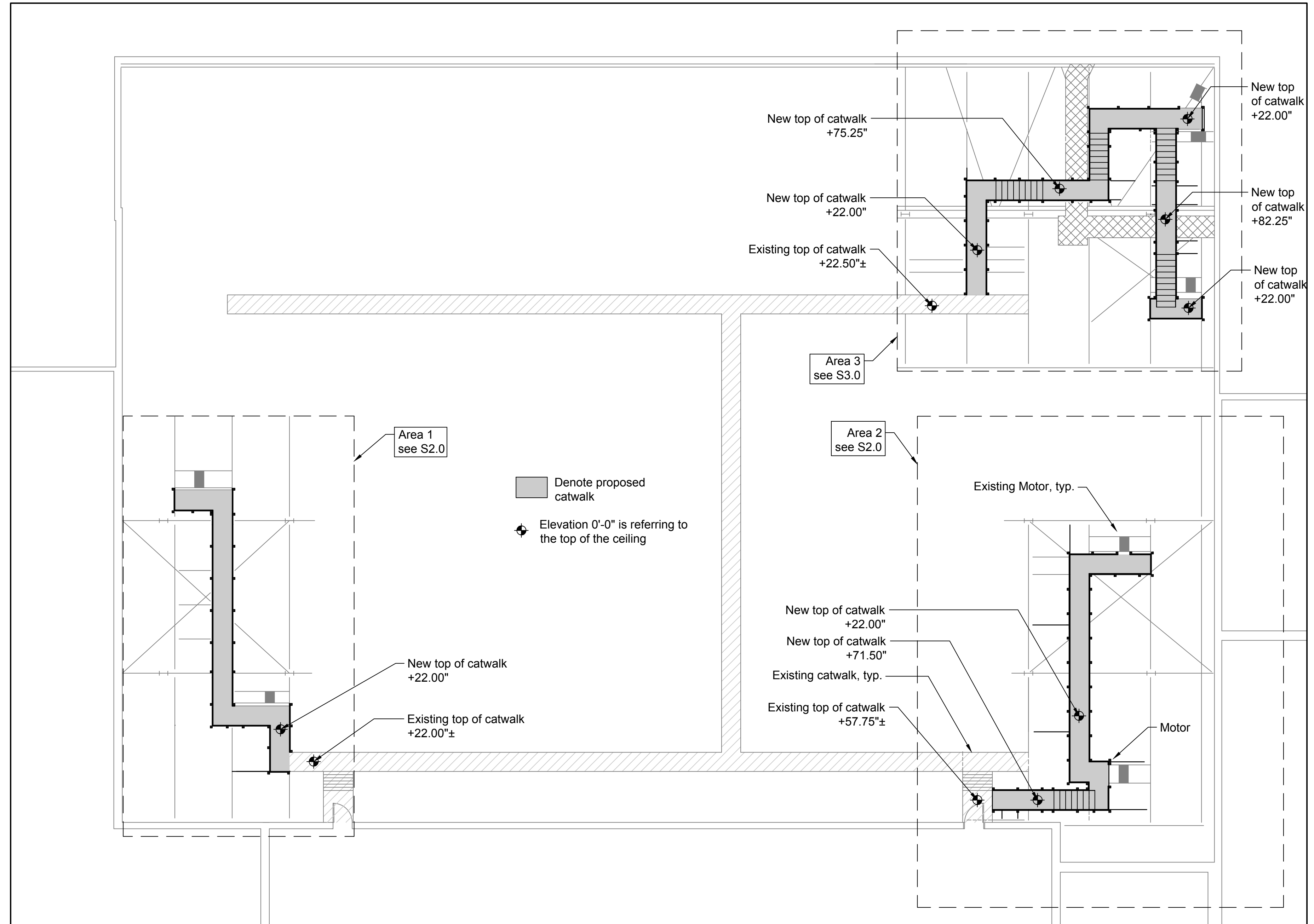


- General Notes:**
- Design Specifications: International Building Code (2015 Edition).
Design Loads:
Catwalks for maintenance access: 40PSF
Dead load: Actual
 - The construction falsework/shoring/design (if any) is the responsibility of the Contractor. The design shall be performed by a Registered Engineer and shall be submitted for approval before commencing of the work.
 - Where a detail is shown on Structural Drawings for one condition, it shall apply to all similar or like conditions, unless noted or shown otherwise on plans.
 - All items shall be tightly anchored or attached square, plumb, and true, or in other planes and shapes as shown on the drawings. Joints shall be tight, even, and free of offsets. No field altering of any members will be allowed that will cause them not to be in accordance with the drawings and specifications, without written approval of the Project Engineer.
 - The dimensions shown with a suffix "±" are approximate and shall be verified by the Contractor before fabrication.
 - If the Contractor finds a difference between these drawings & existing conditions, or finds any other conditions which prohibit execution of the work as directed in these drawings, the Contractor shall notify the Engineer immediately.
 - Any revision/modification to the original design during the shop drawing process, the Contractor shall clearly cloud line all the changes and shall receive approval from the Engineer in writing before fabrication. Any costs associated with correcting the unapproved change shall be at the Contractor's expense.

Timber:

- All timber materials shall conform to the approved standards of the American Wood Preservers' Association. Each piece shall be treated in accordance with AWPA standards, and certified by an approved inspection agency. All cuts, holes, and machine areas shall be liberally brushed with a solution of copper naphthenate containing a min. of 2% metallic copper in accordance with AWPA standard M4.
- All lumber shall be #2 southern pine unless noted otherwise. All pieces shall bear the grade mark of a recognized agency or independent inspection service certified by the board of review, American lumber standard committee.
- Metal timber connectors shall be hot-dipped galvanized in accordance w/ ASTM A153, and shall be installed in strict accordance with the manufacturer's specification.
- Metal timber connector designation as by Simpson's strong tie. Product substitutions shall be permitted only if submitted in advance, as outlined in specifications, and approved by the engineer as an equal.
- Nails shall be commercial grade common wire nails, hot-dipped galvanized in accordance with ASTM A153. Nail spacing shall be sufficient to develop maximum connection strength without splitting the members. All split members shall be replaced.
- All bolts used in connections shall be ASTM A307 bolts in sizes as indicated in the plan. All bolts shall be installed with 1 1/2"Ø 1/8" galvanized washers under the head and nut, and shall be torqued until the wood just begins to yield under the washers. Bolts shall not be overtorqued so as to deform the washers or damage the lumber, hole size shall not exceed bolt diameter by more than 1/16".



Key Plan



Chao & Associates, Inc.

Civil - Structural - Survey
7 Clusters Court
Columbia, SC 29210
Voice: (803) 772-8420
Fax: (803) 772-9120
Email: consul@chaoinc.com



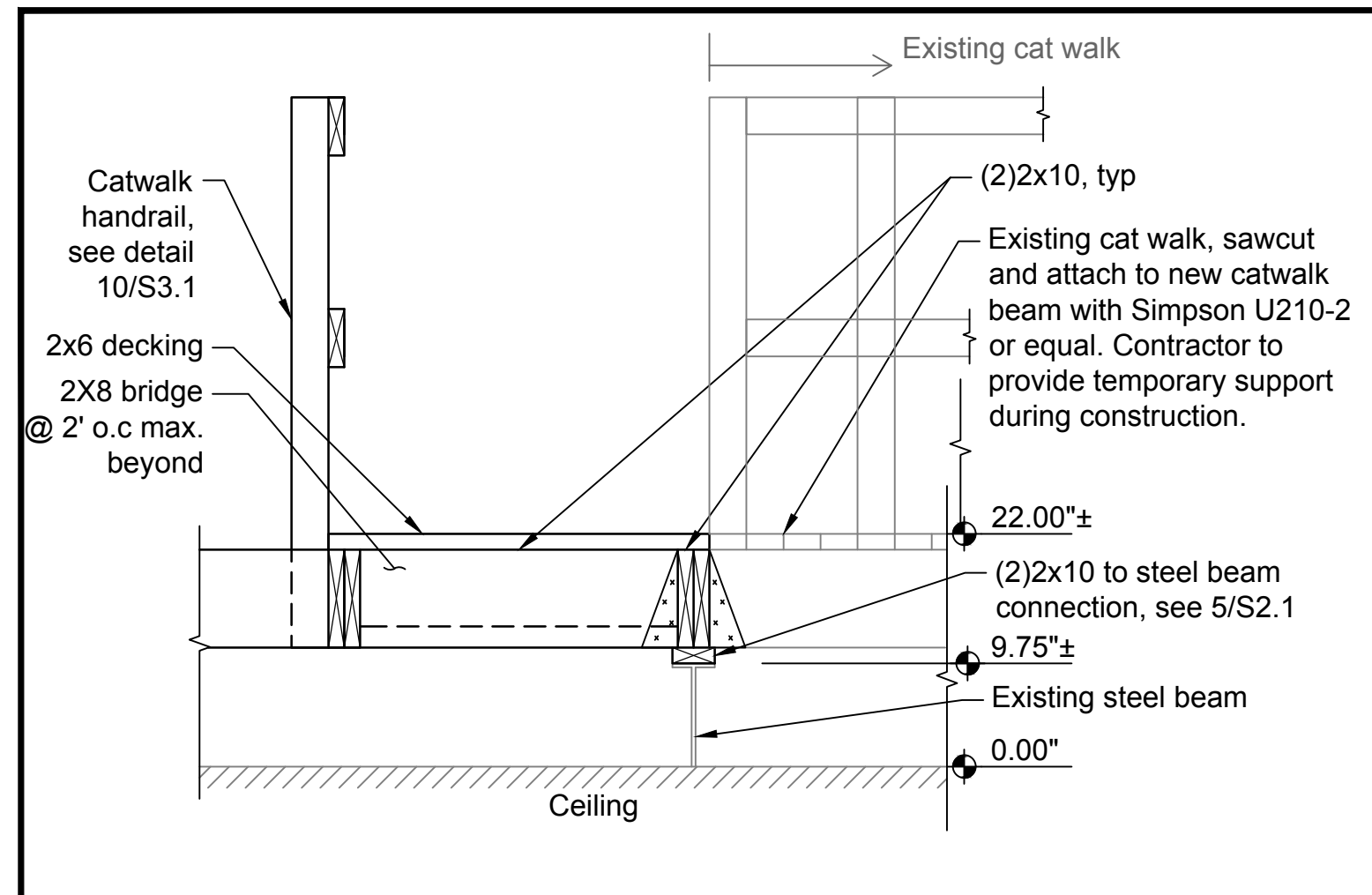
General Notes and Key Plan
Koger Center Catwalk Addition
1051 Greene St.
Columbia, SC 29201

Drawn: BMH
Revised:
Checked: DC

File: 392604C-17S.dwg
Project No.: 392604B-17

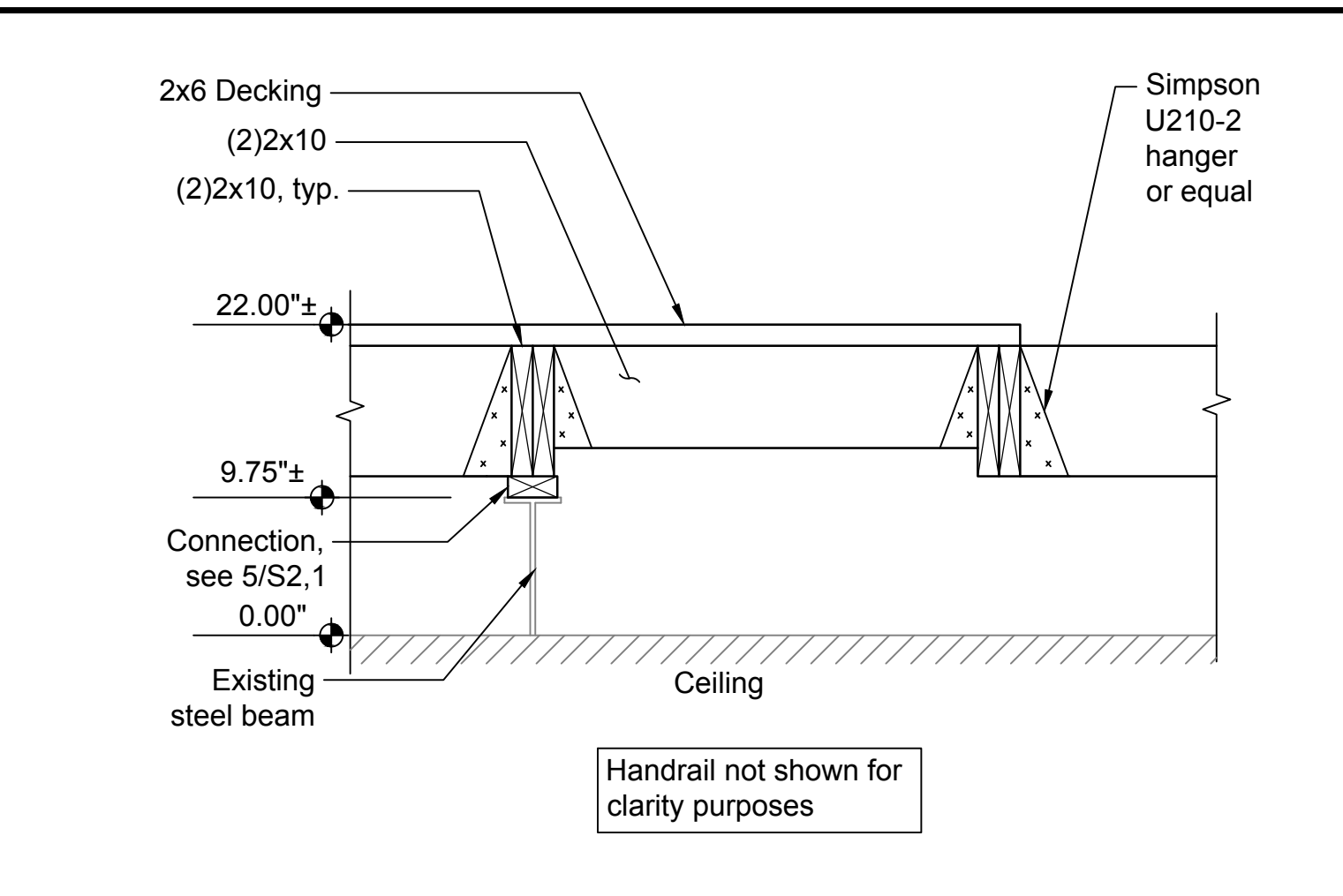
S1.0

Sheet Number
1/23/2018
Date



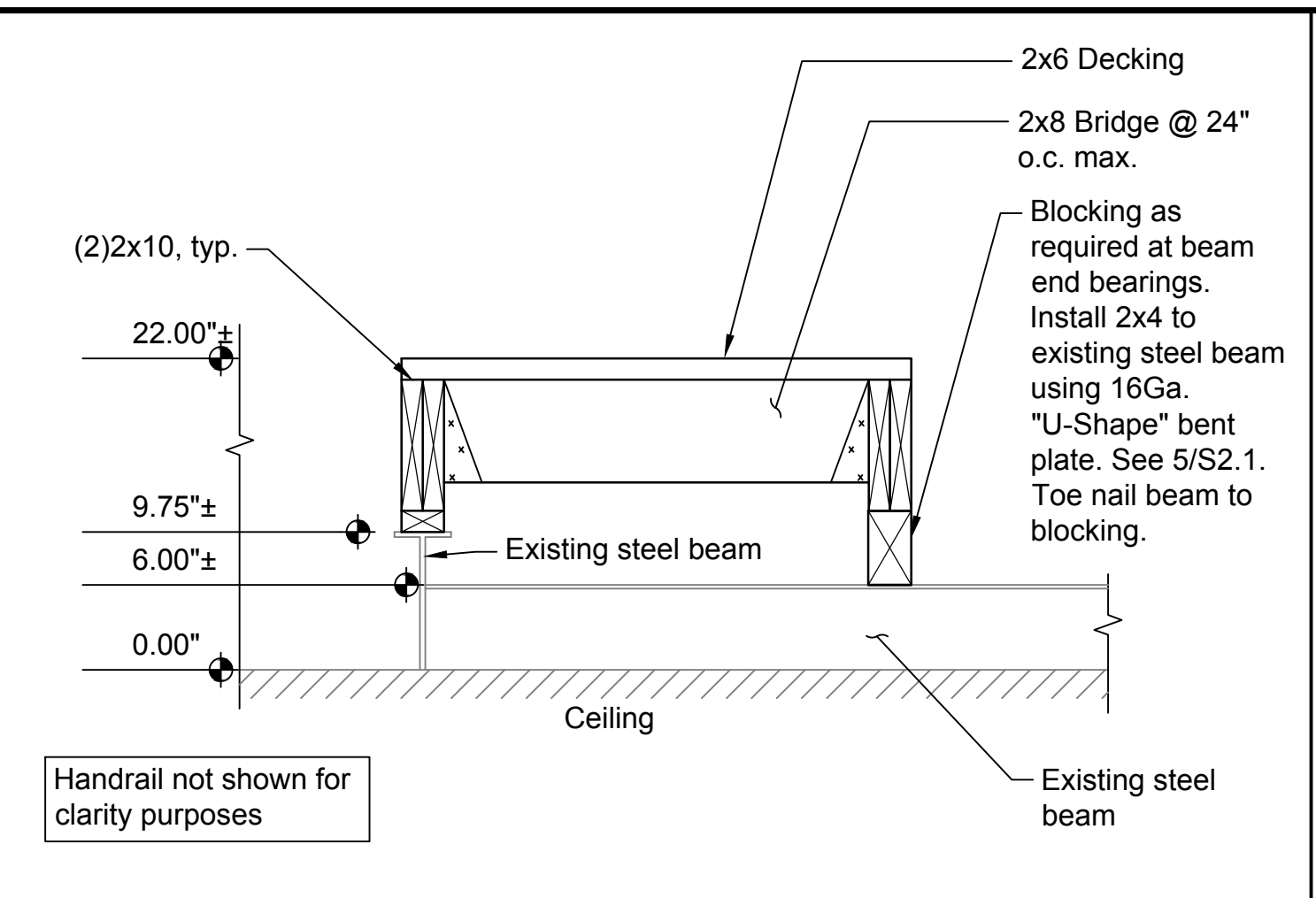
1 - Section

Scale: NTS



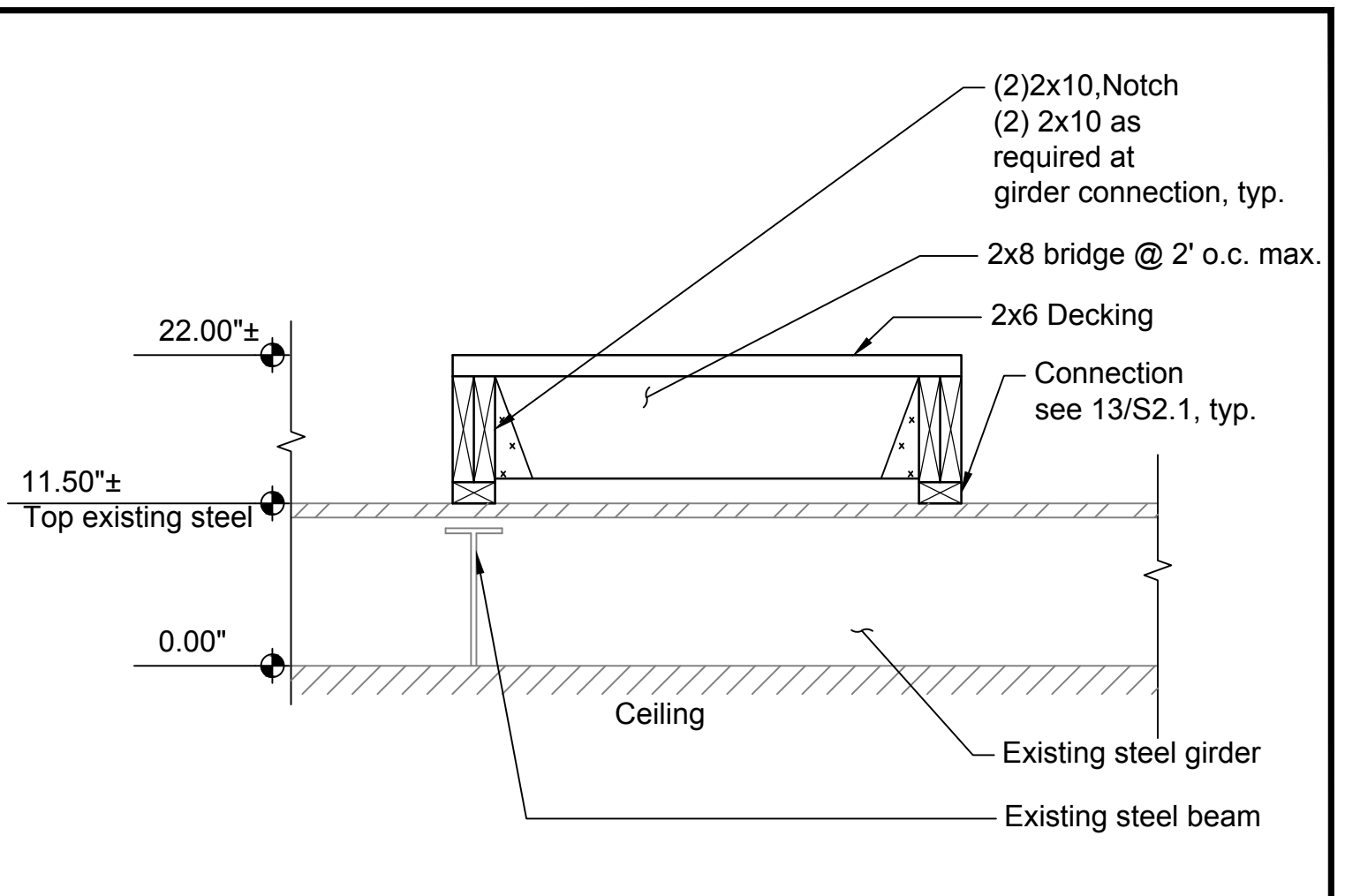
2 - Section

Scale: NTS



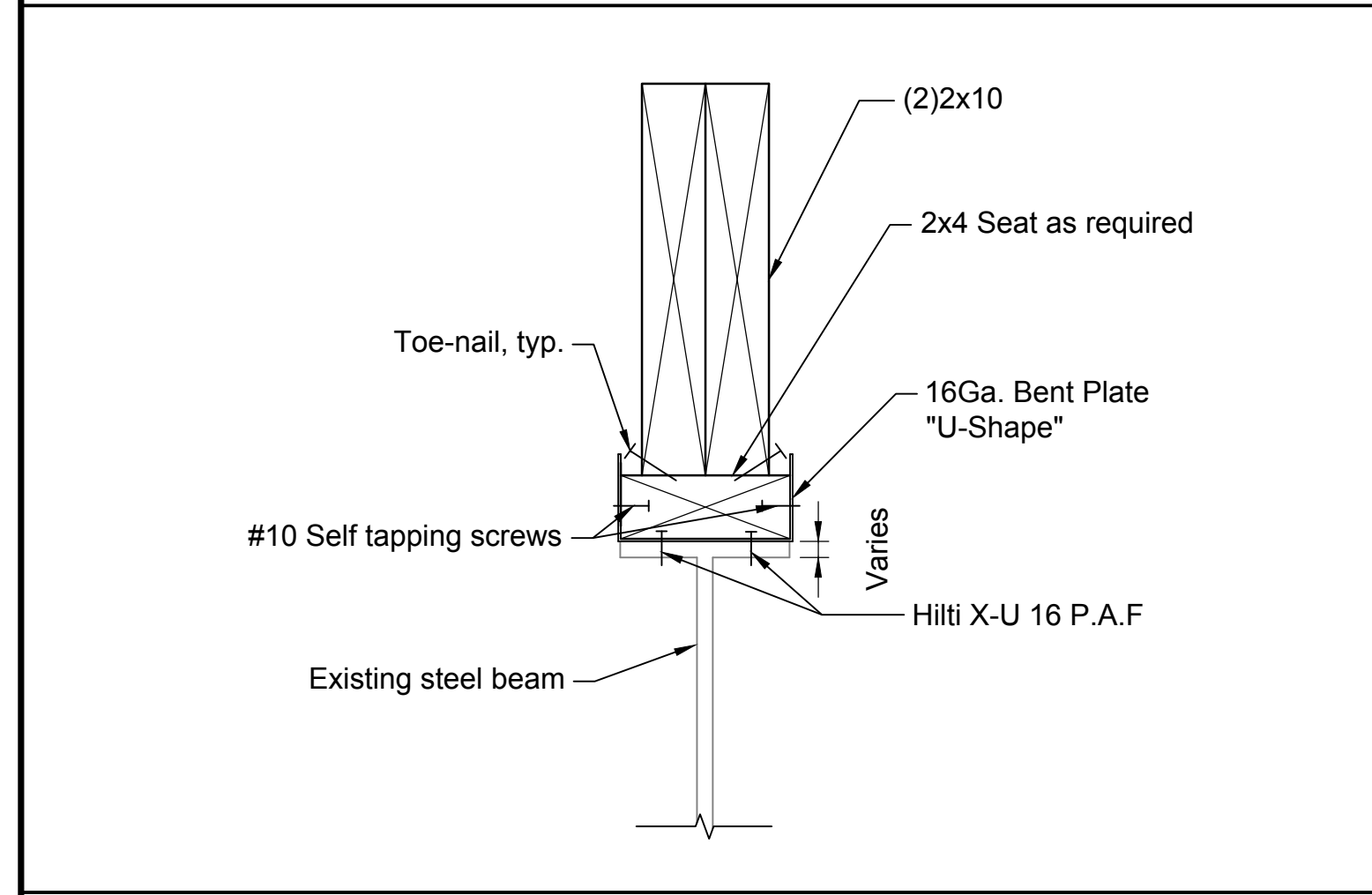
3 - Section

Scale: NTS



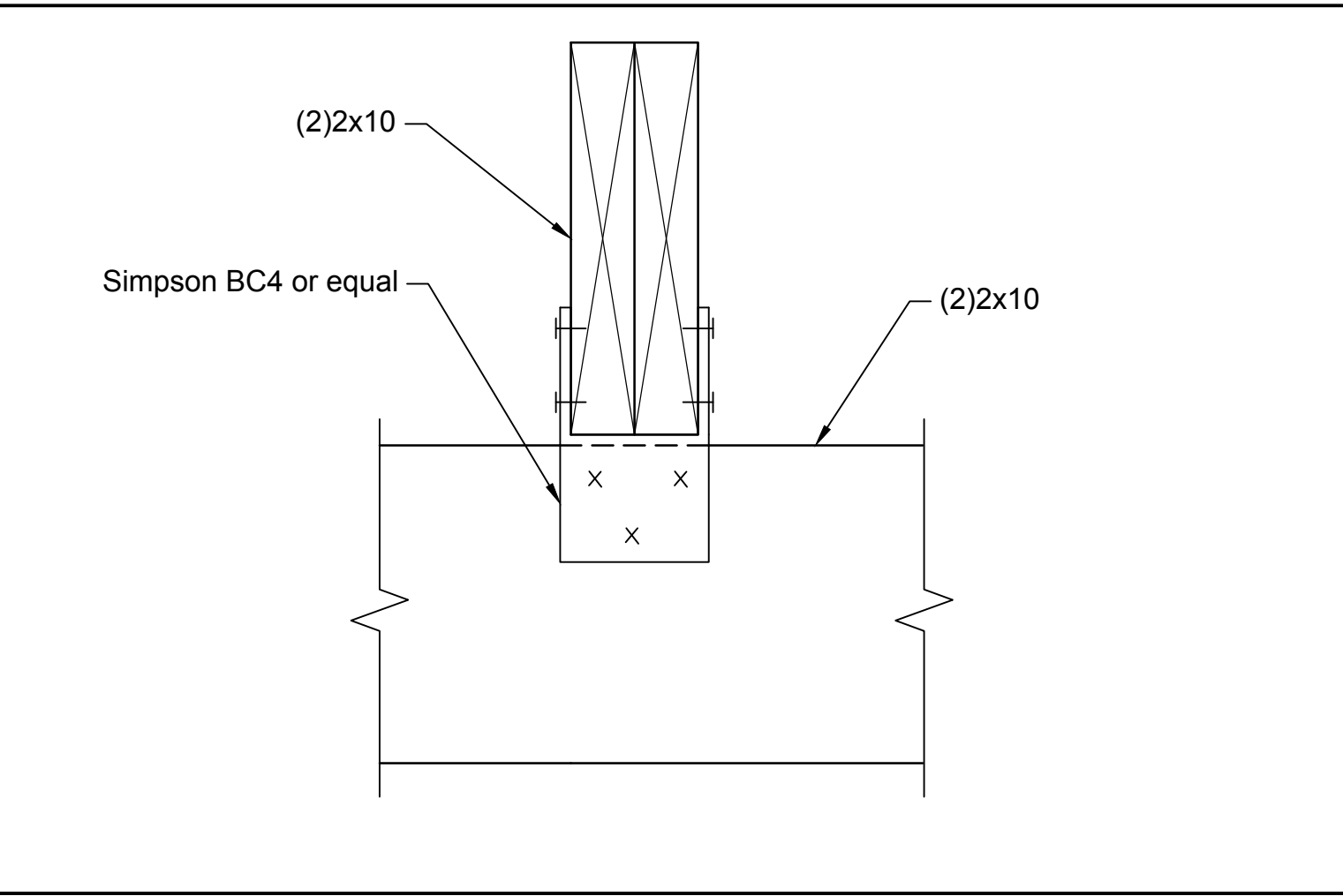
4 - Section

Scale: NTS



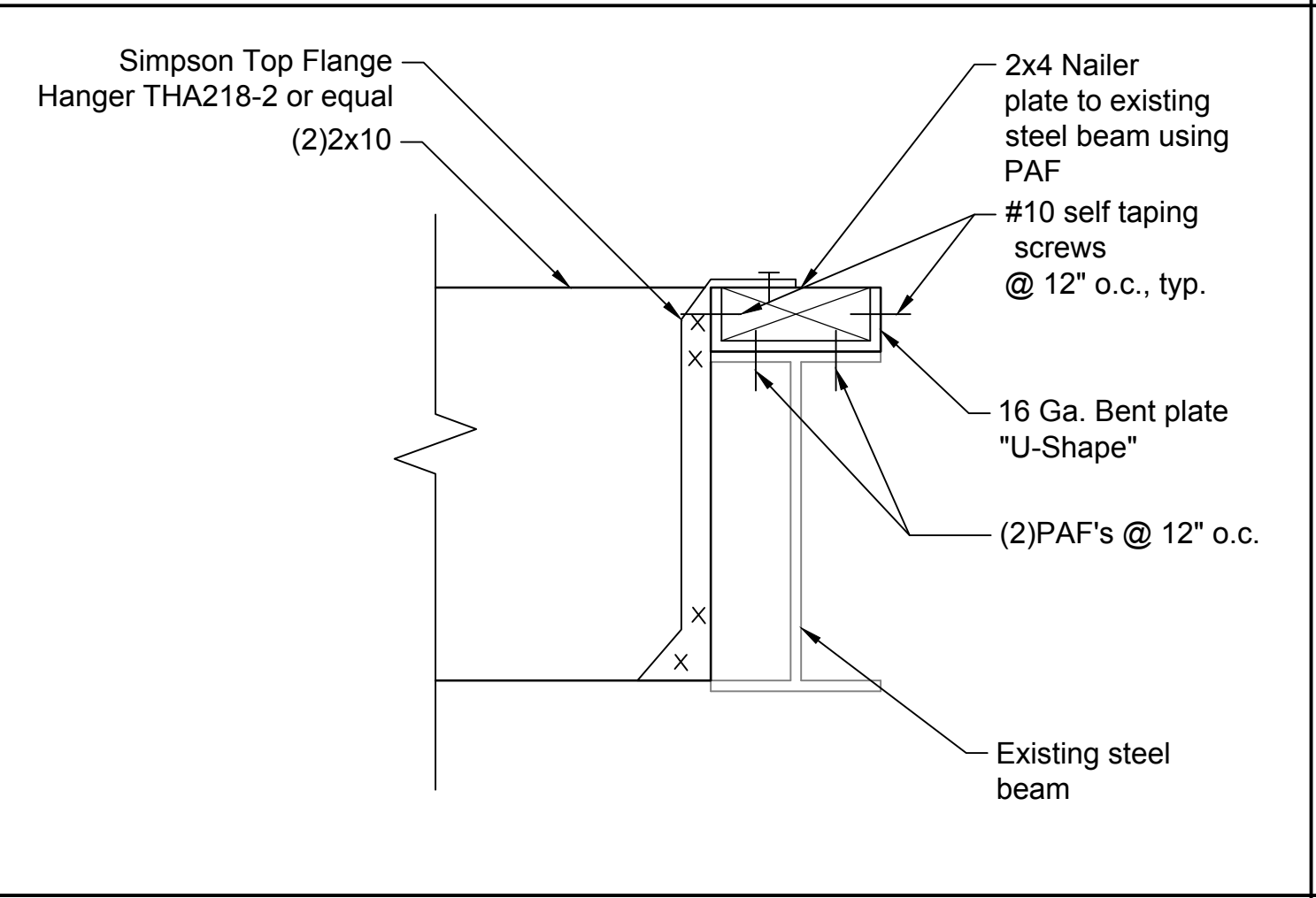
5 - (2) 2x10 to existing beam connection

Scale: NTS



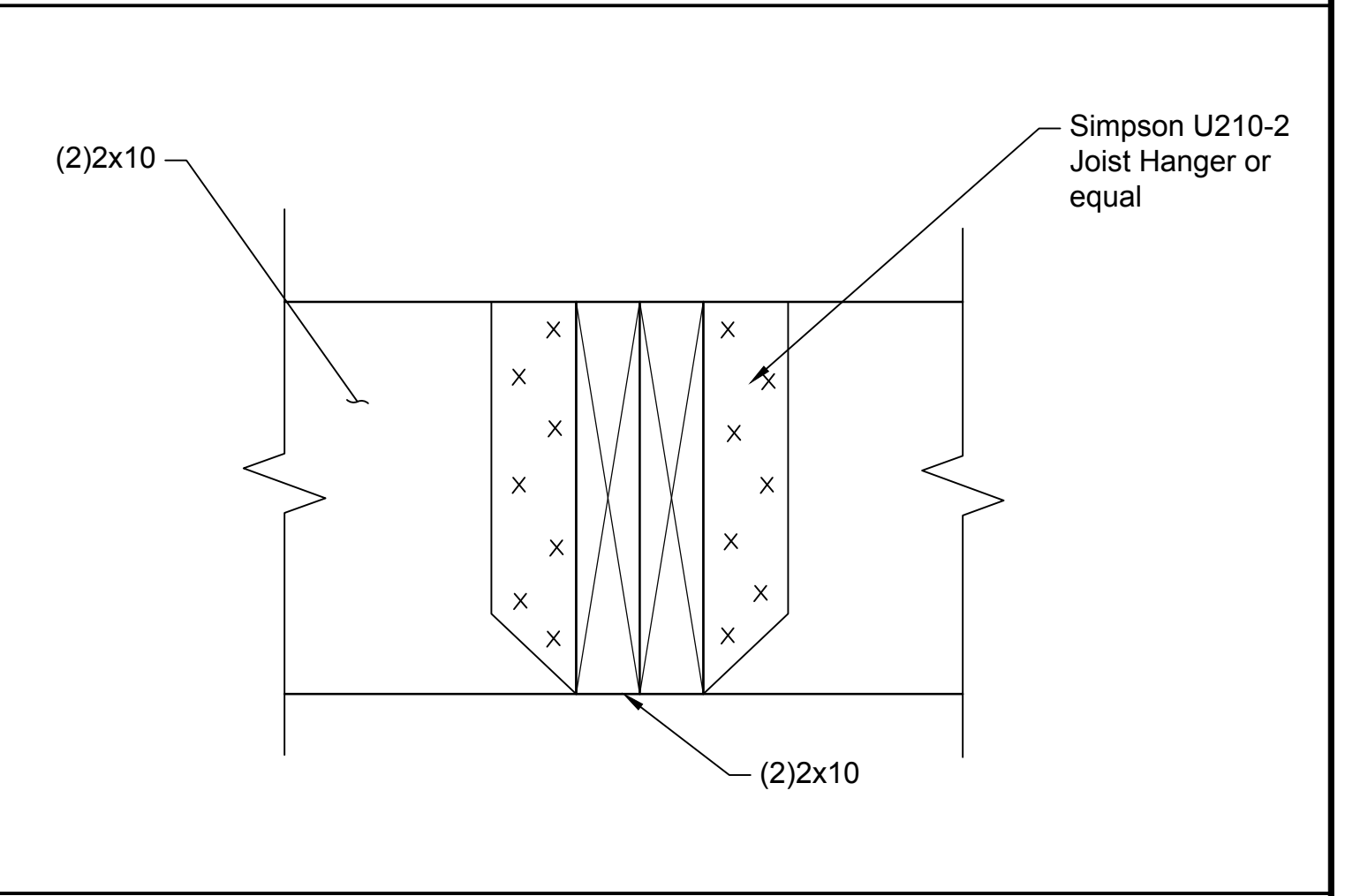
6 - Section

Scale: NTS



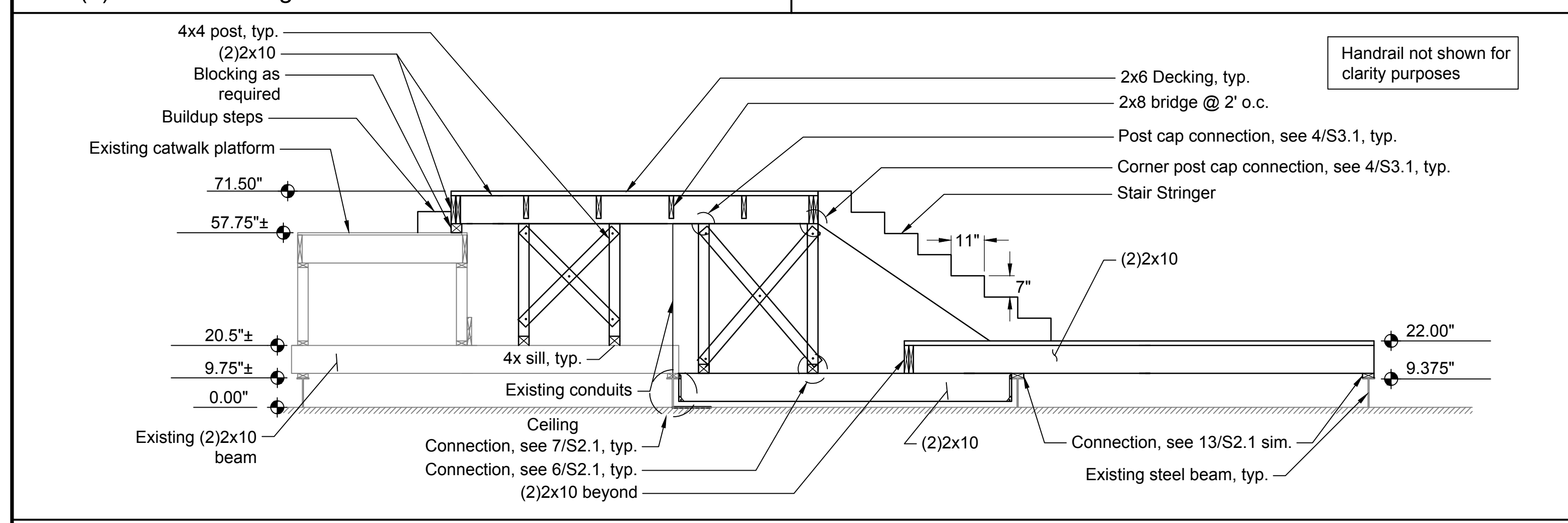
7 - Section

Scale: NTS



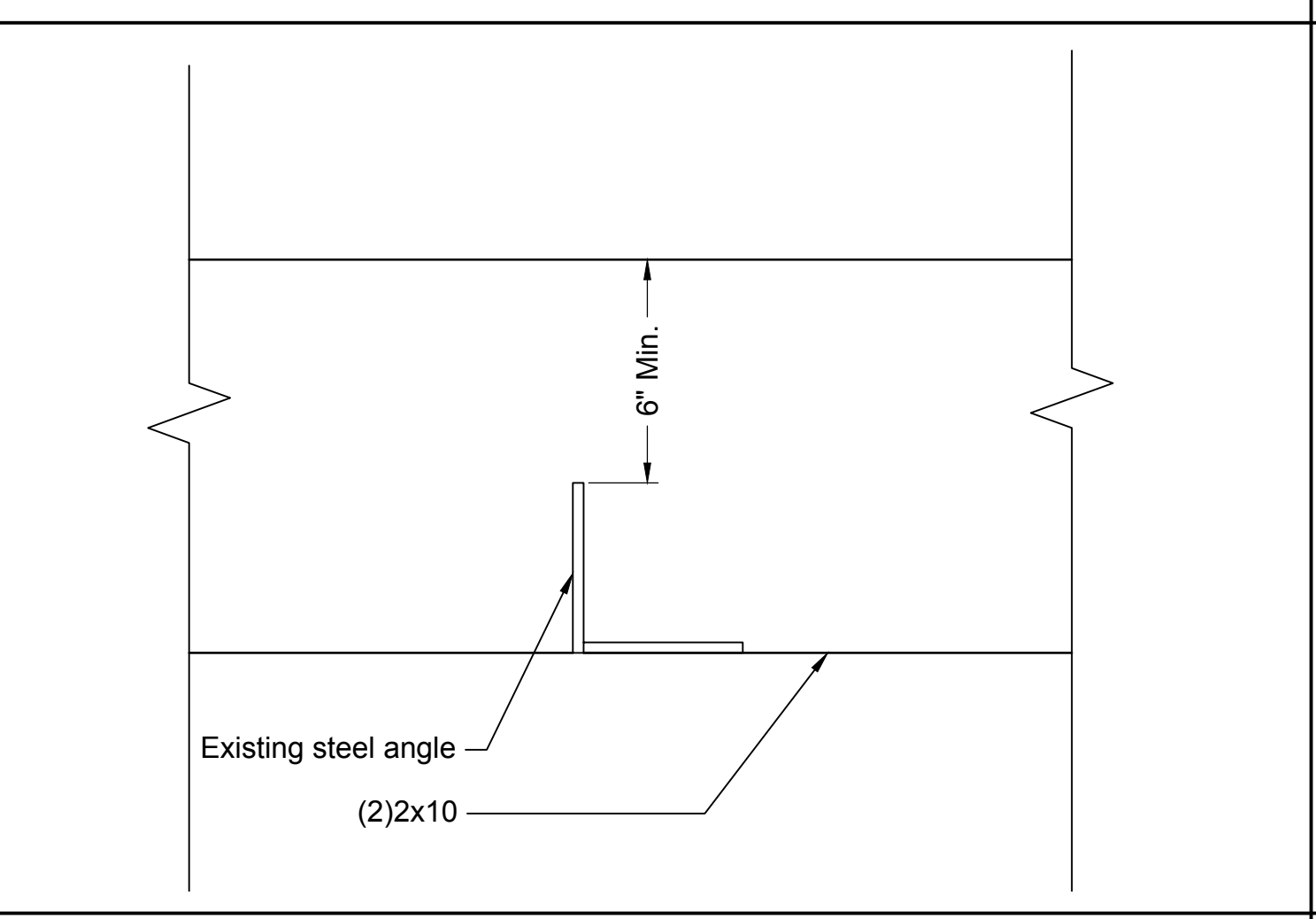
8 - Section

Scale: NTS



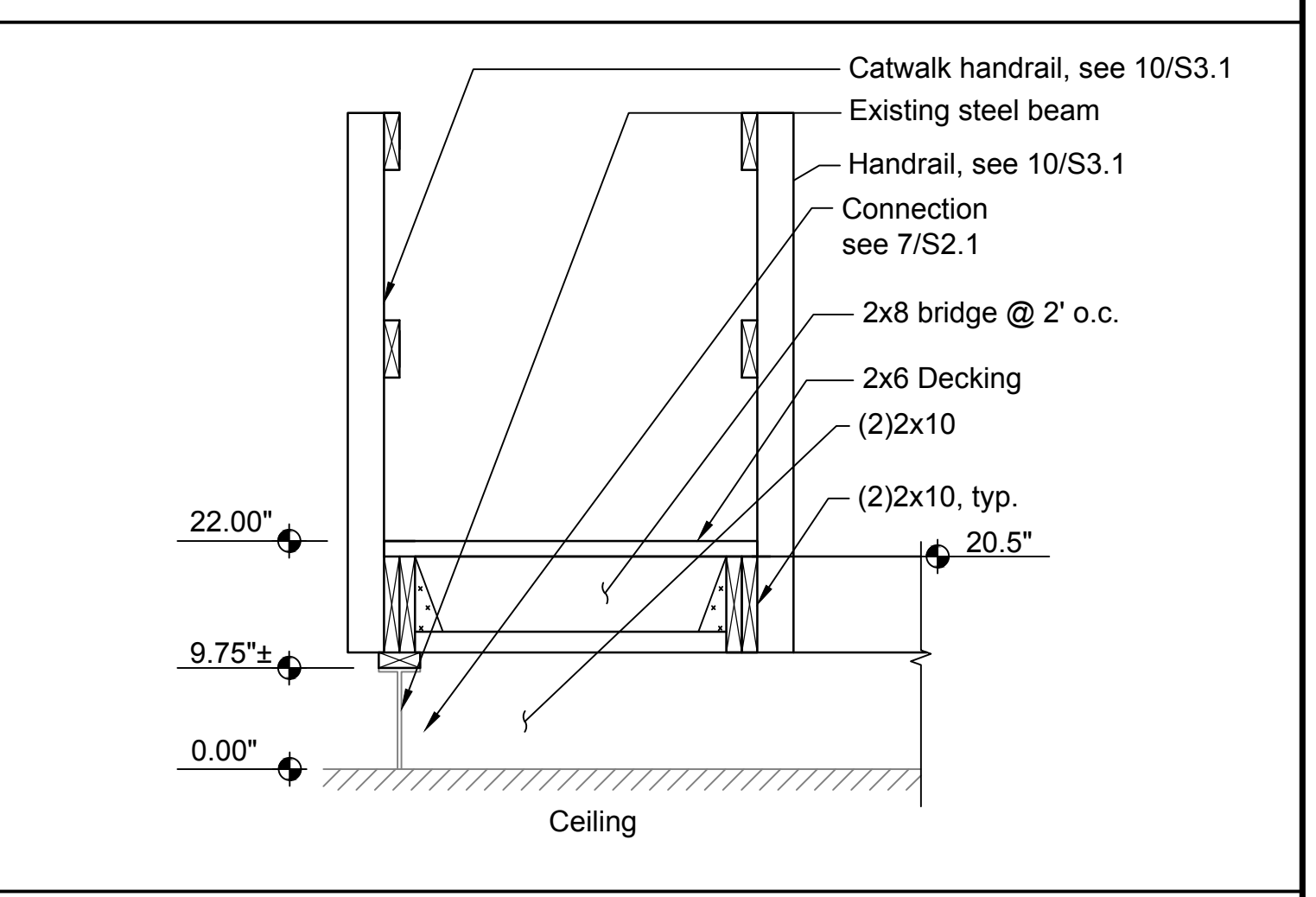
9 - Section

Scale: NTS



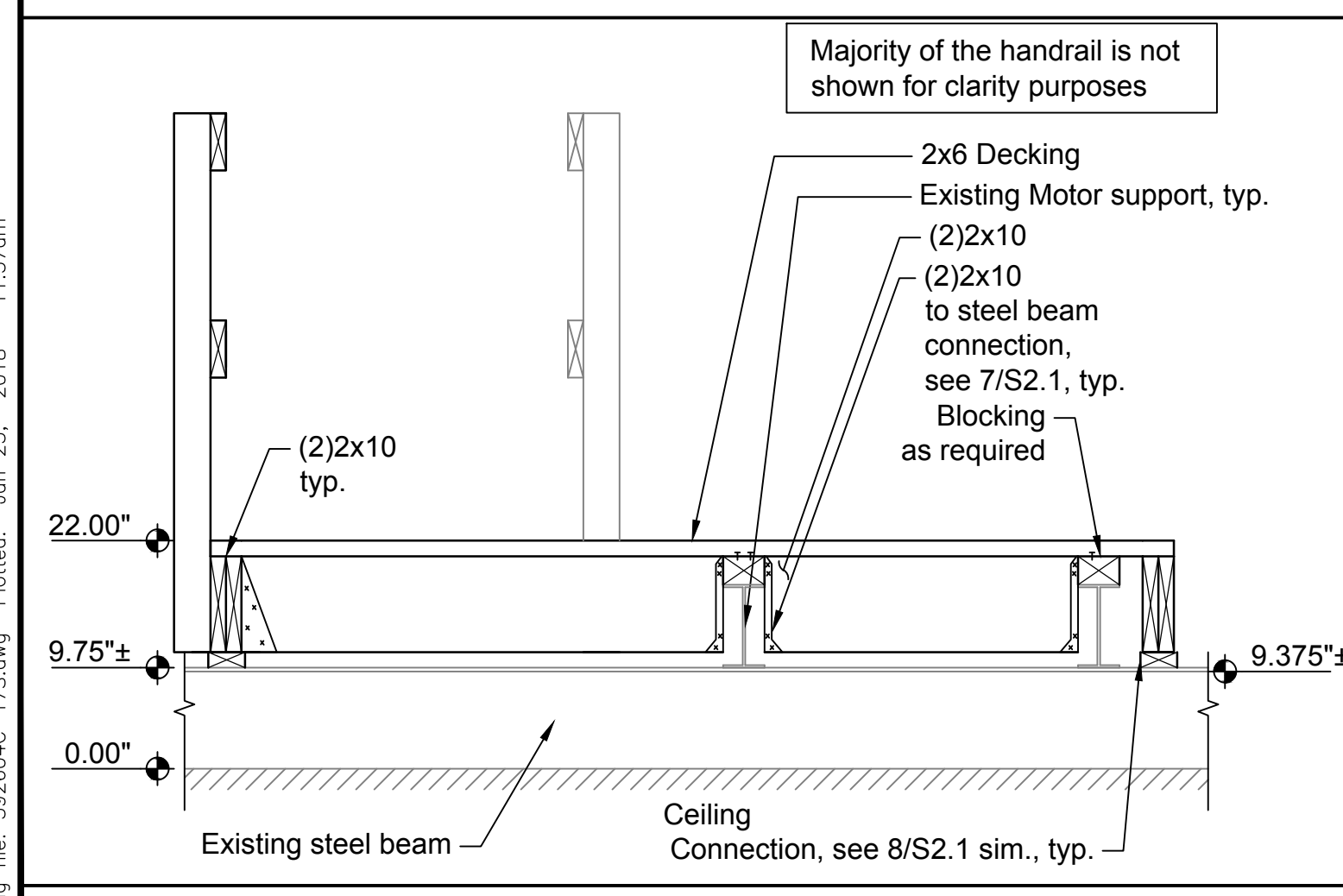
10 - Section

Scale: NTS



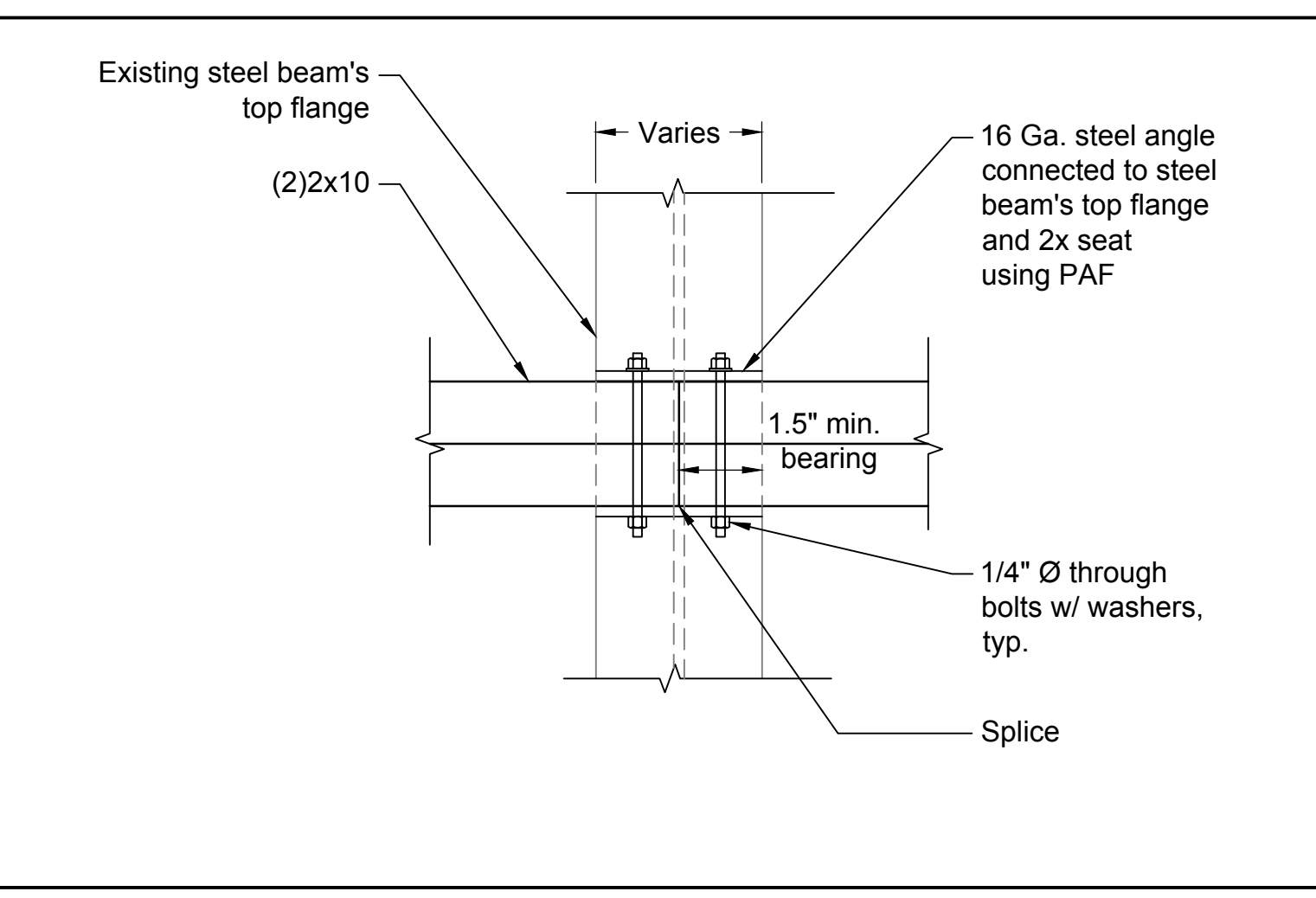
11 - Section

Scale: NTS



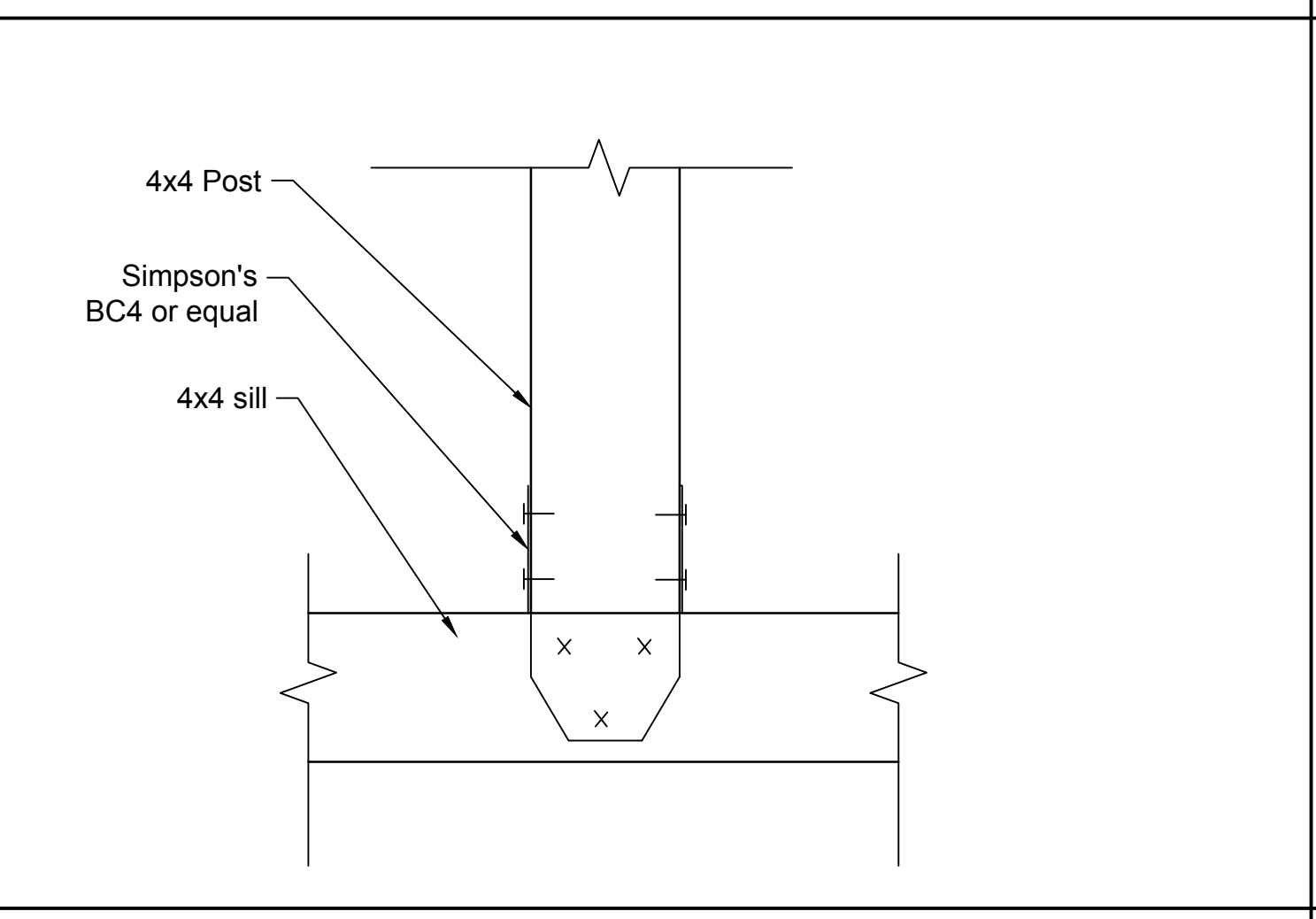
12 - Section

Scale: NTS



13 - Section

Scale: NTS



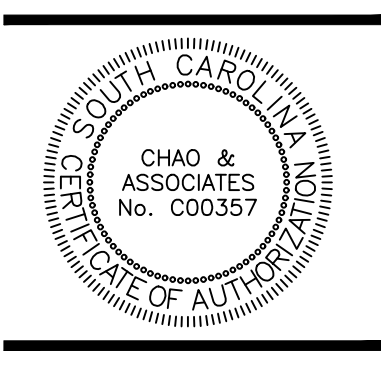
14 - Section

Scale: NTS

Drawing file: 392604C-17S.dwg Plotted: Jan 23, 2018 - 11:37am



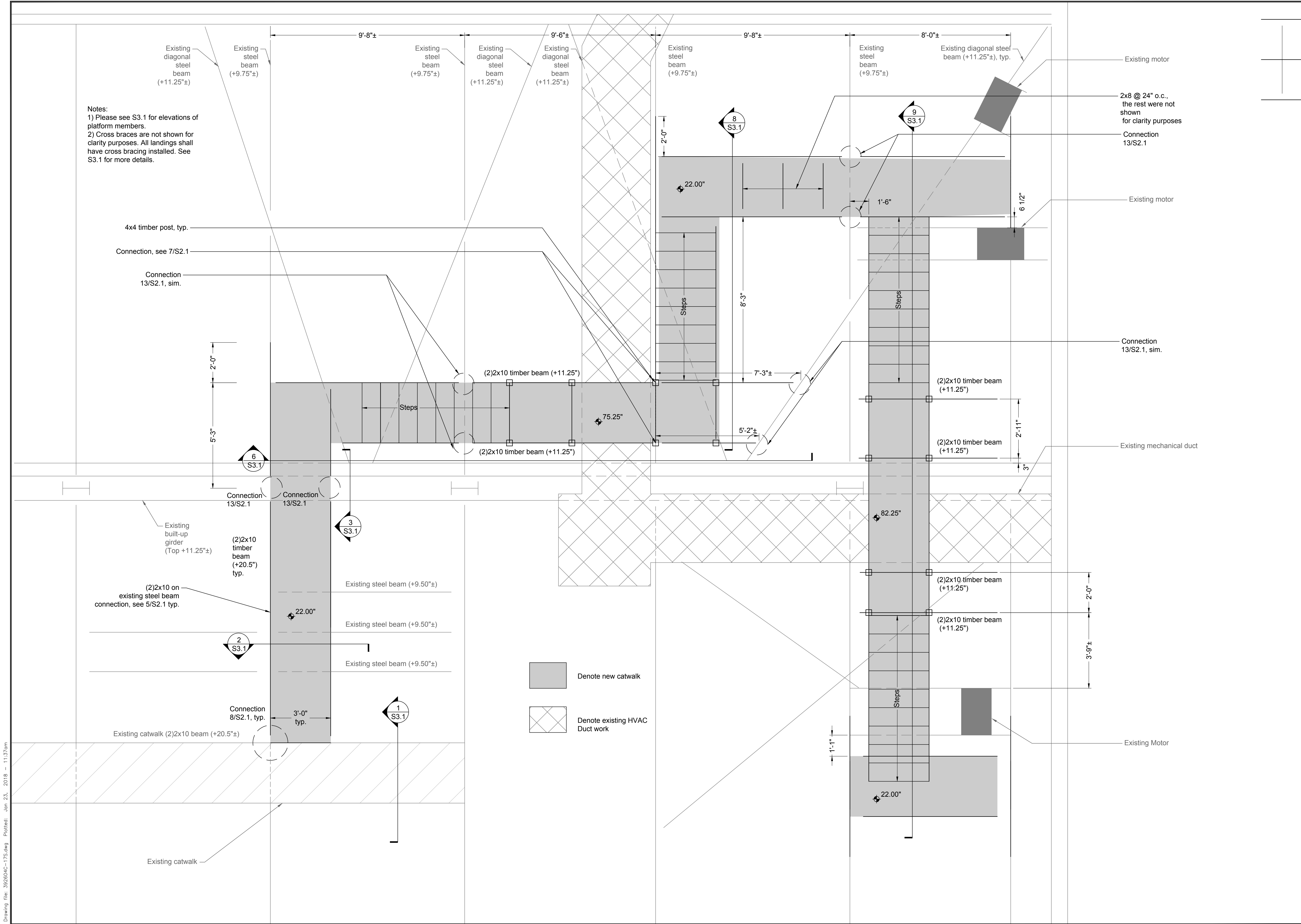
Chao & Associates, Inc.
 Civil - Structural - Survey
 7 Clusters Court
 Columbia, SC 29210
 Voice: (803) 772-8420
 Fax: (803) 772-9120
 Email: consult@chaoinc.com



Areas 1 and 2 Details
Koger Center Catwalk Addition
 1051 Greene St.
 Columbia, SC 29201

Drawn: BMH	Checked: DC
Revised:	
Project No.:	
File: 392604C-17S.dwg	

S2.1
 Sheet Number
 1/23/2018
 Date



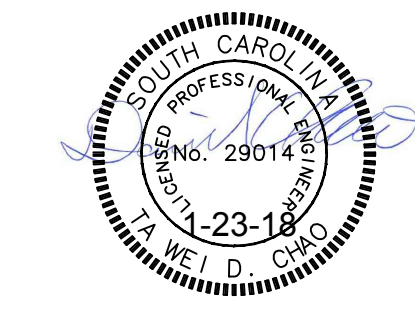
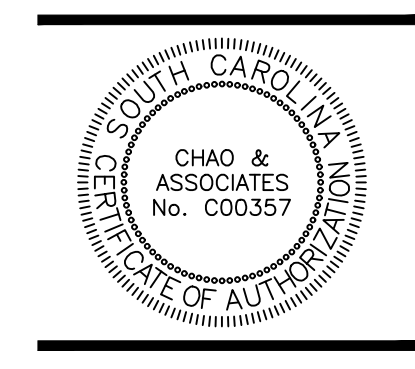
Notes:
 1) Please see S3.1 for elevations of platform members.
 2) Cross braces are not shown for clarity purposes. All landings shall have cross bracing installed. See S3.1 for more details.

Denote new catwalk
 Denote existing HVAC Duct work

Drawing File: 392604C-17S.dwg Plotted: Jan 23, 2018 - 11:37am



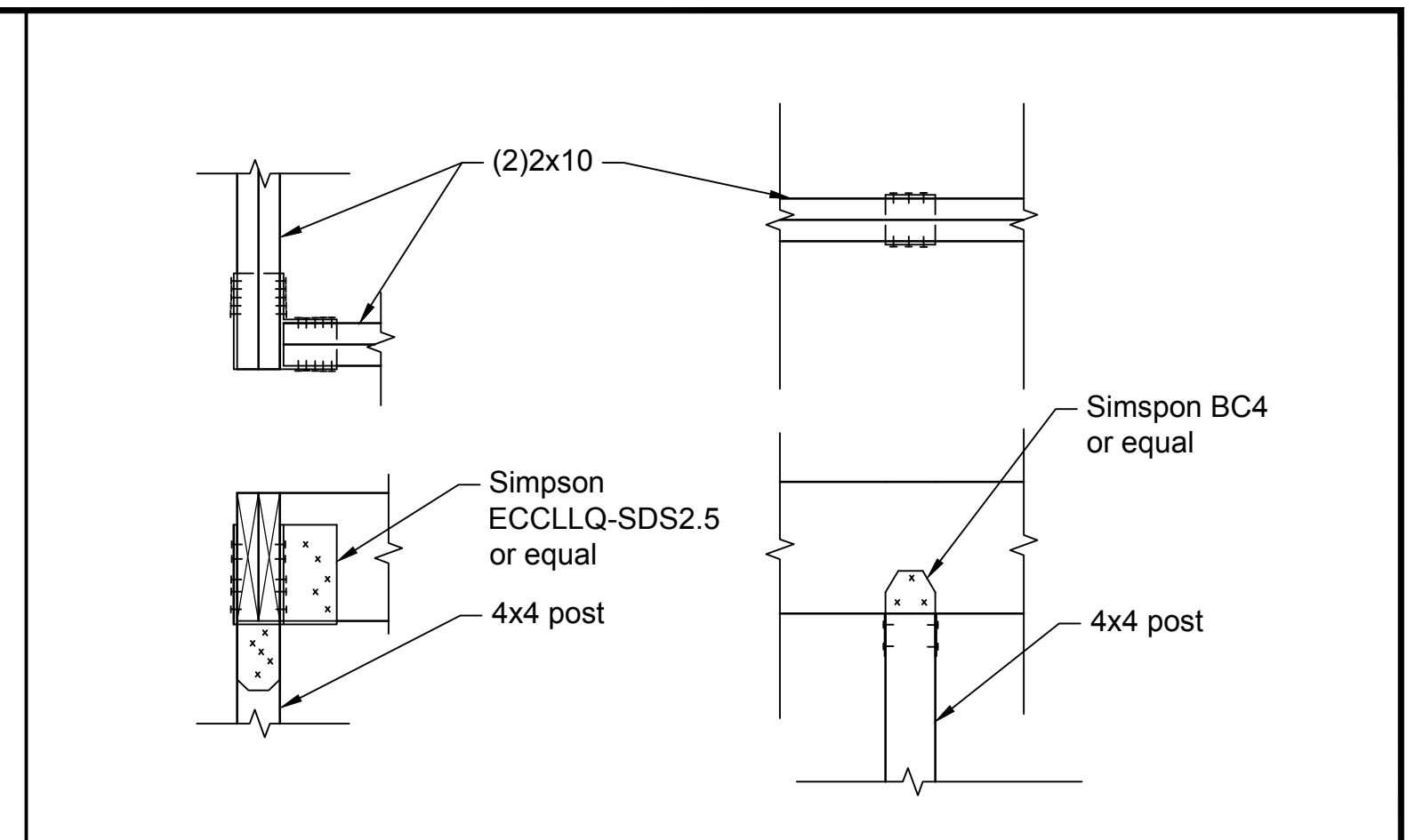
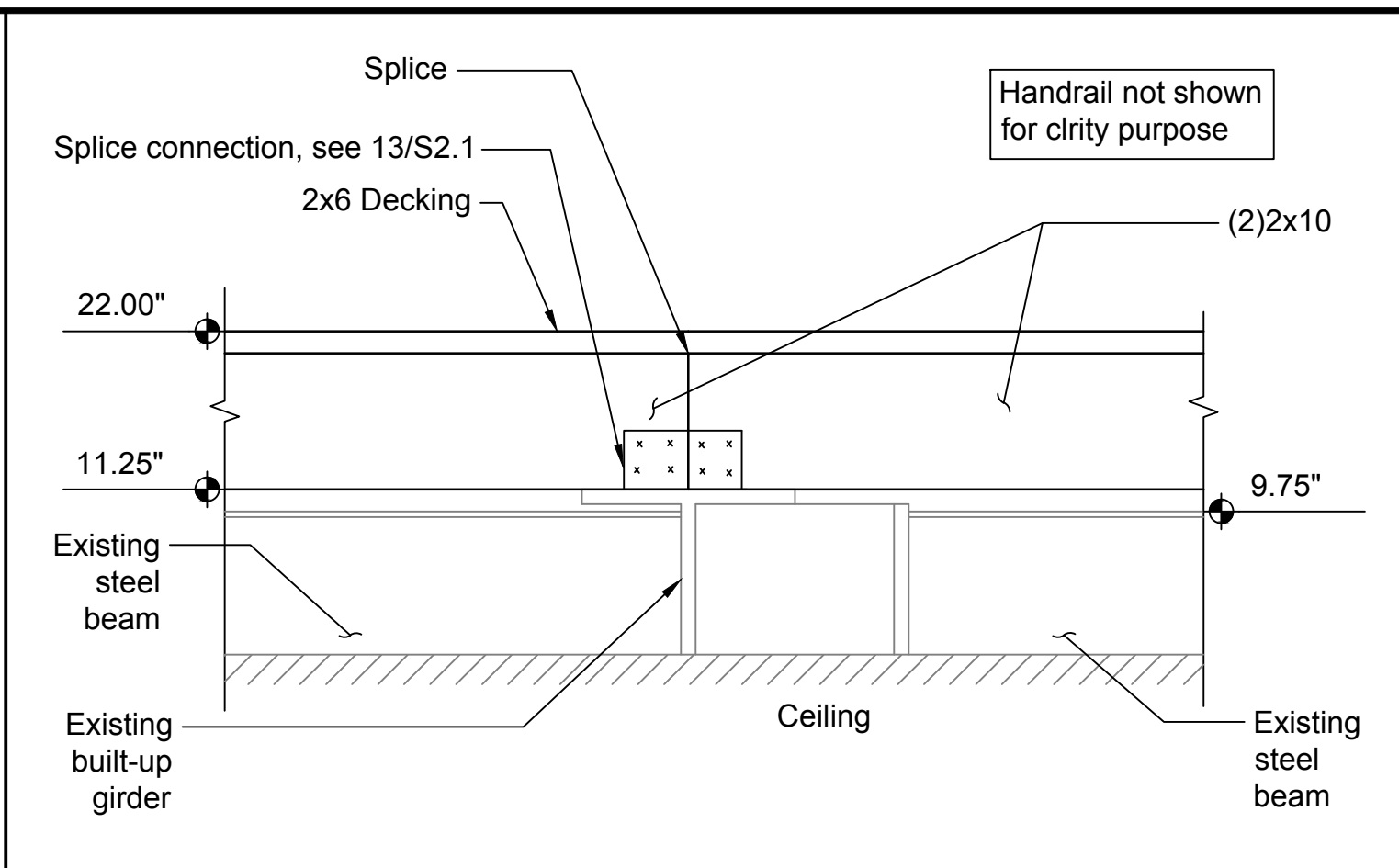
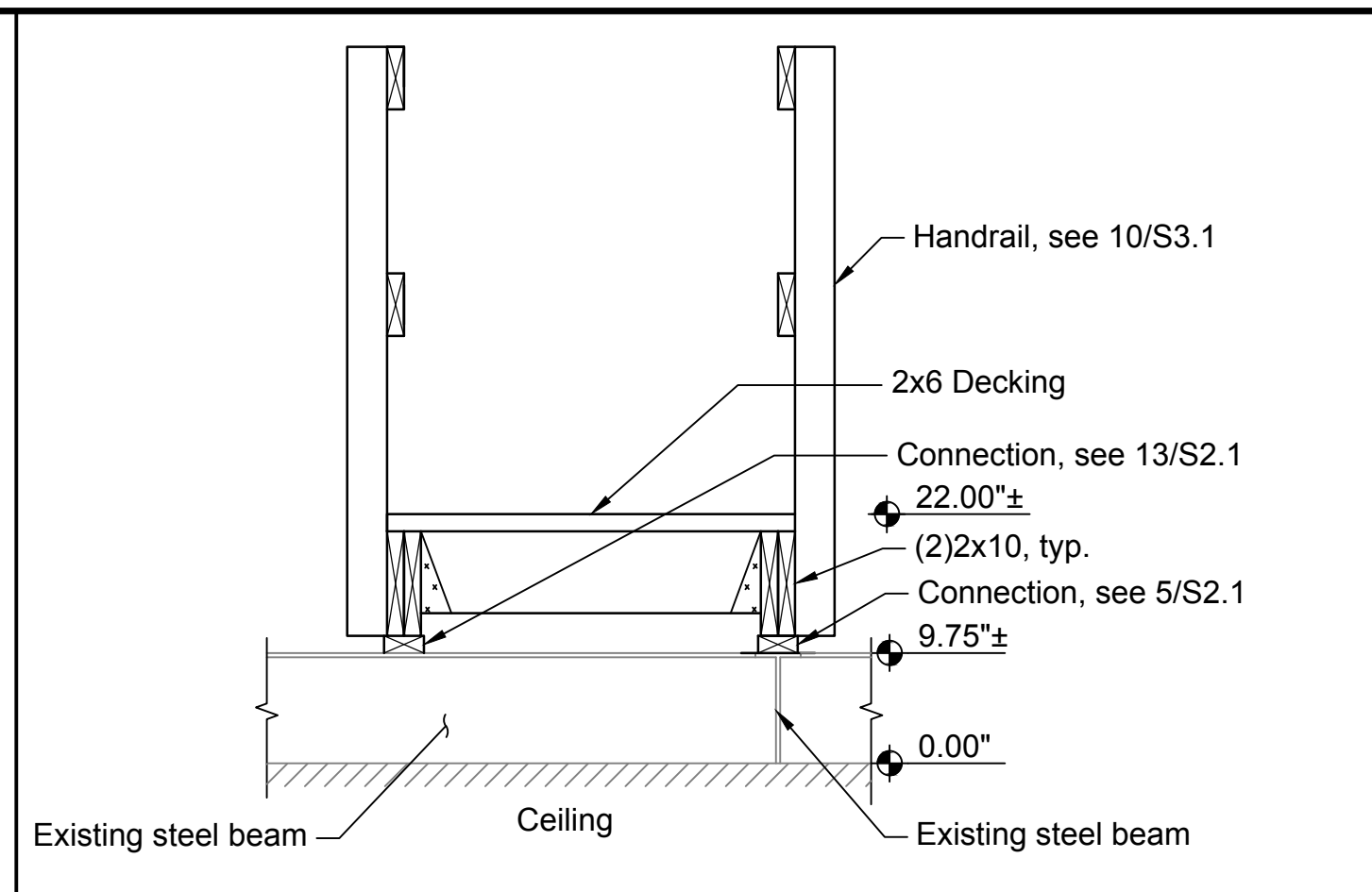
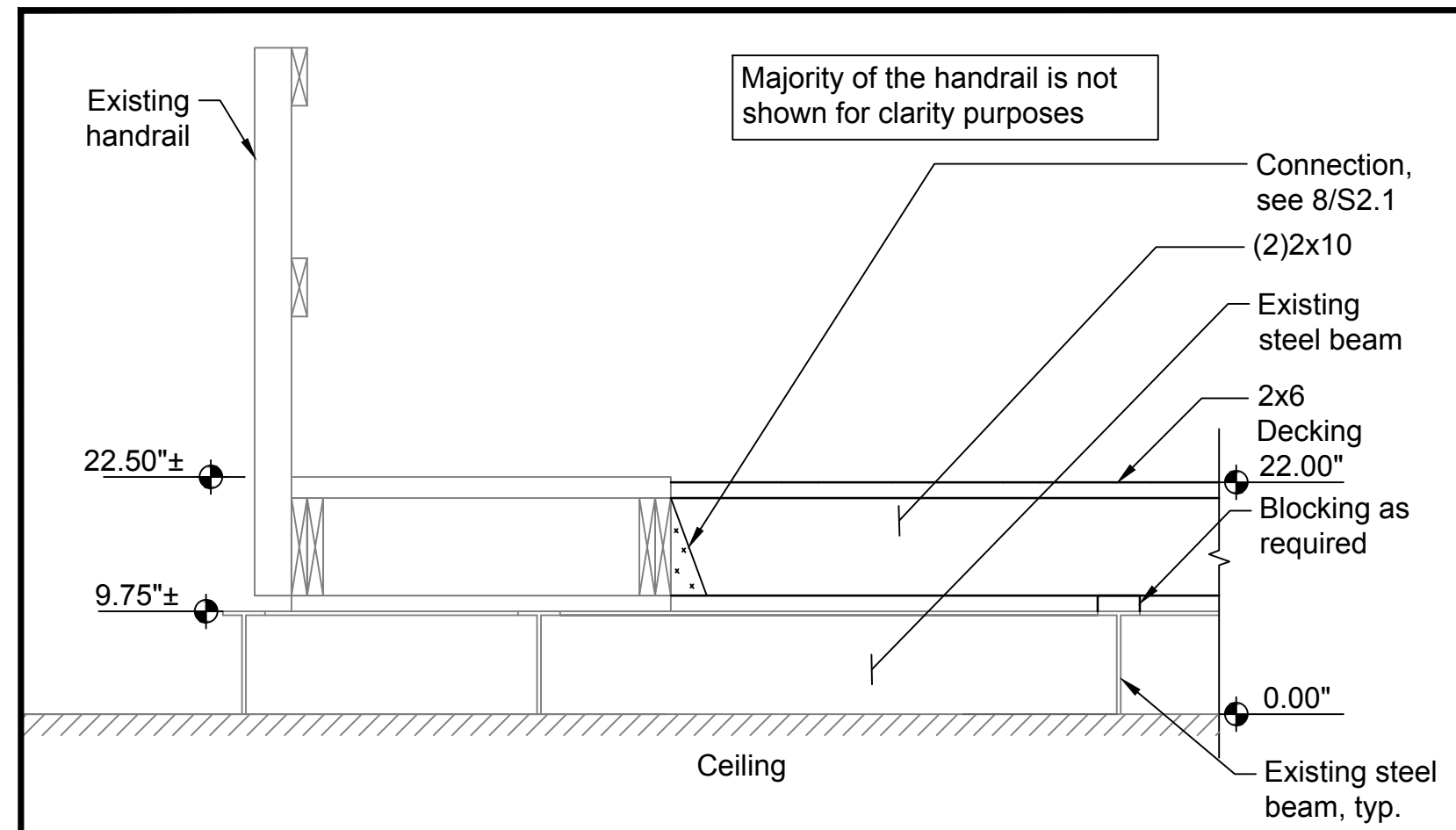
Chao & Associates, Inc.
 Civil - Structural - Survey
 7 Clusters Court
 Columbia, SC 29210
 Voice: (803) 772-8420
 Fax: (803) 772-9120
 Email: consul@chaoinc.com



Area 3 Plan View
Koger Center Catwalk Addition
 1051 Greene St.
 Columbia SC 29201

Drawn: BMH
 Revised:
 Checked: DC
 File: 392604C-17S.dwg Project No.: 392604B-17

S3.0
 Sheet Number
 1/23/2018
 Date

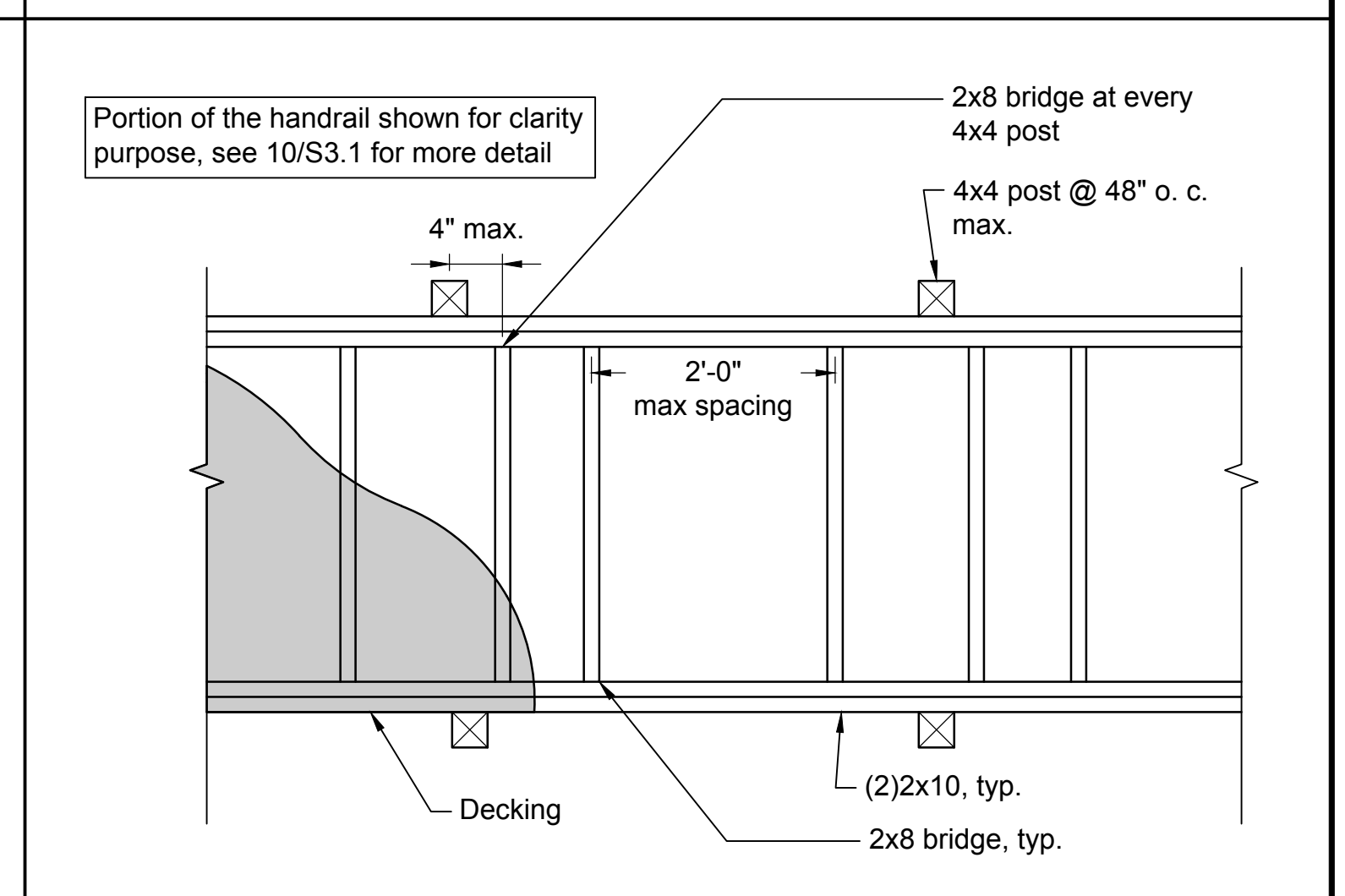
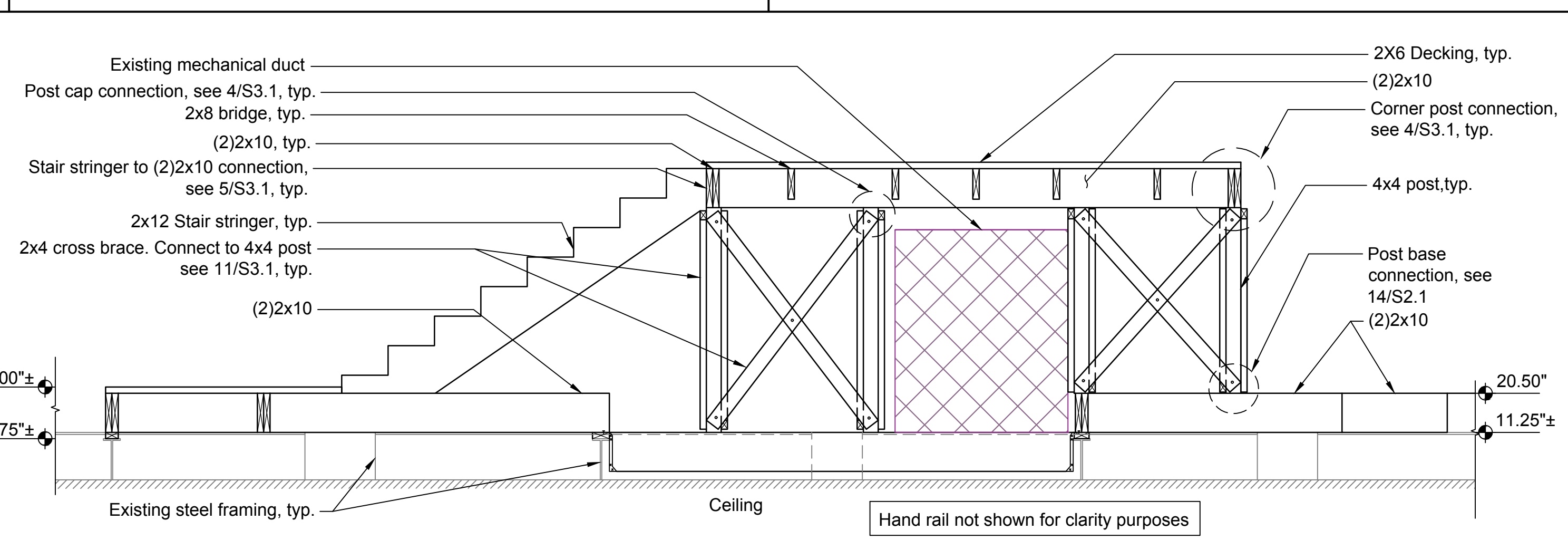
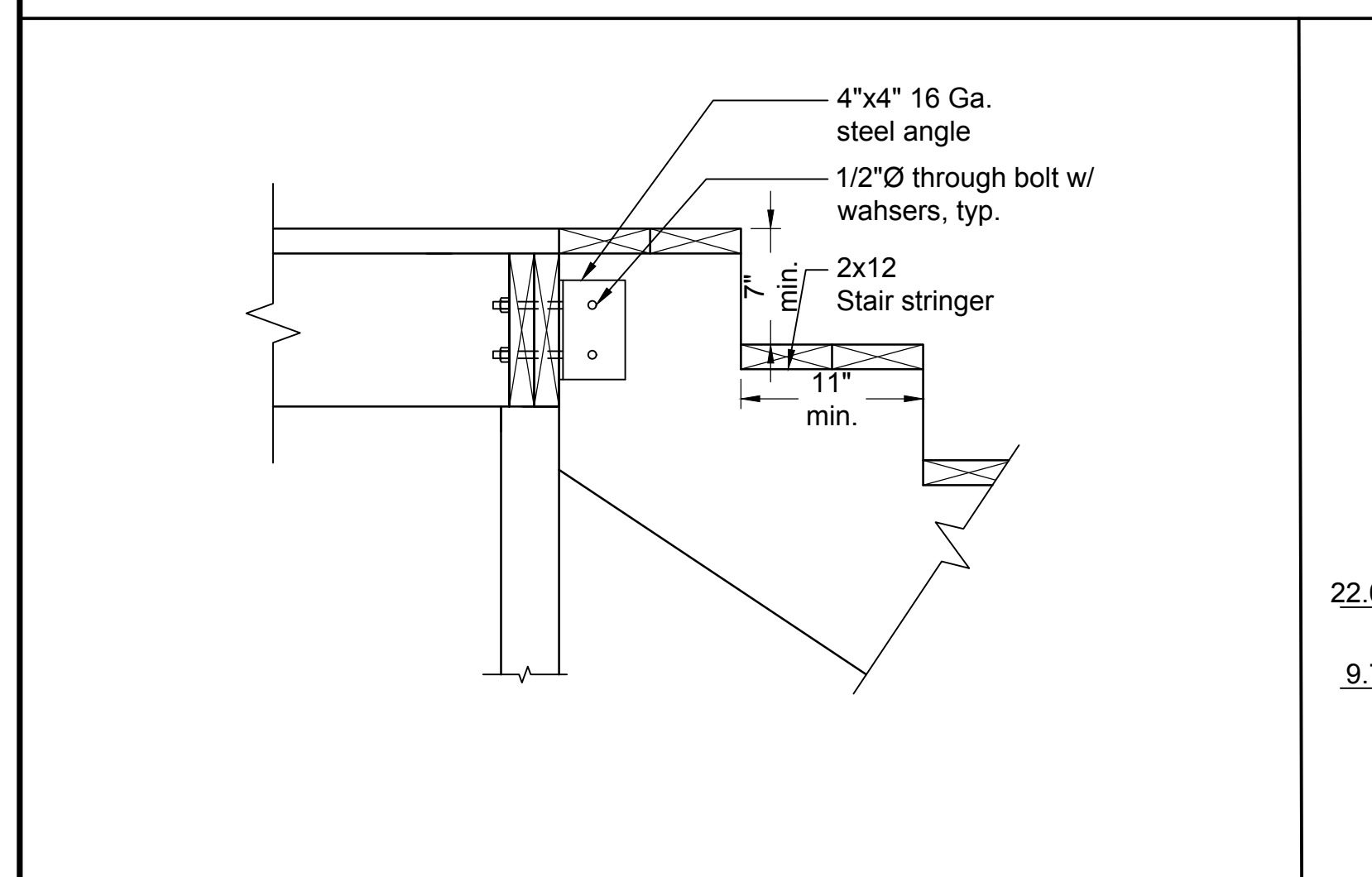


1 - Section Scale: NTS

2 - Section Scale: NTS

3 - Section Scale: NTS

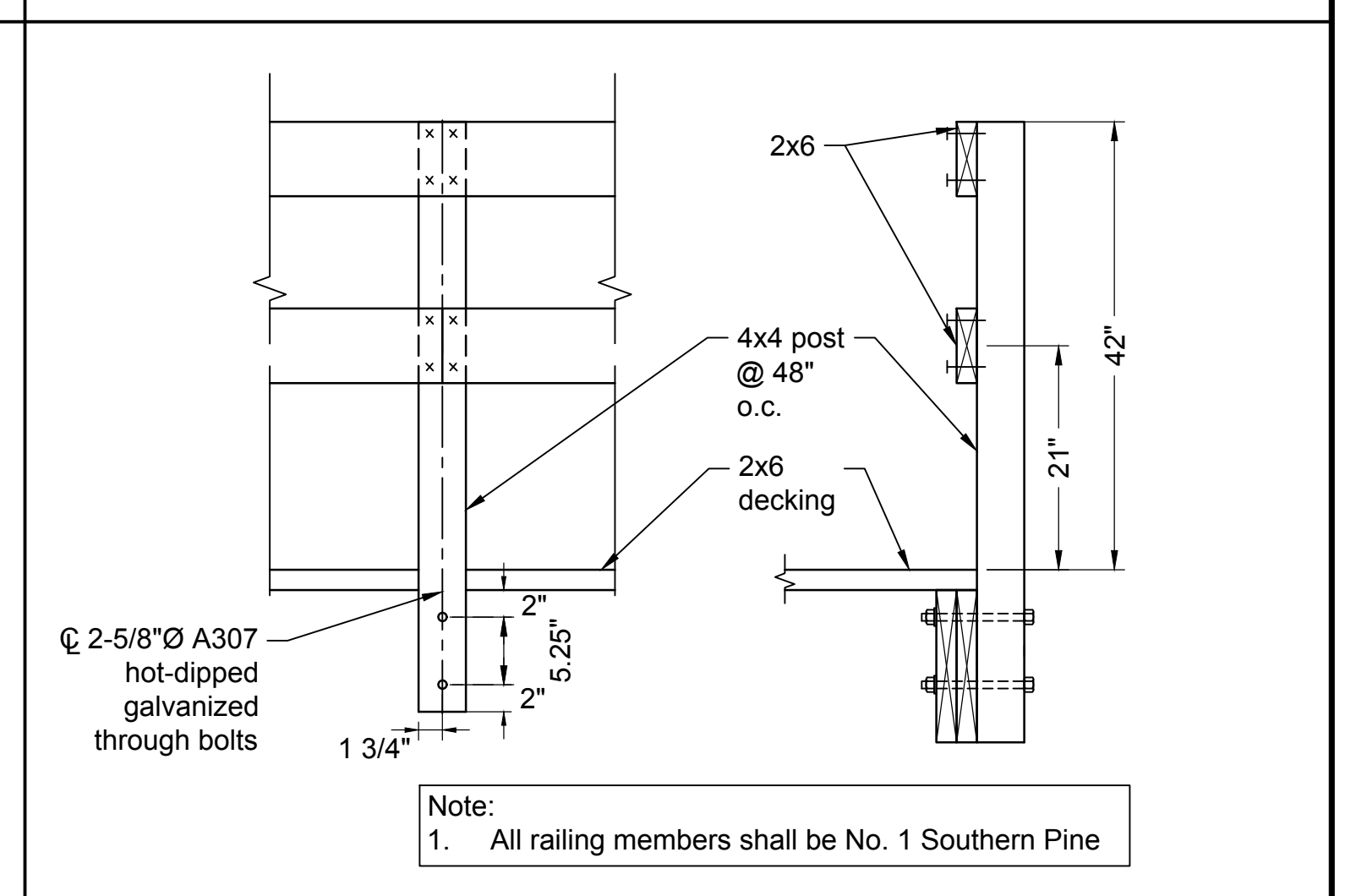
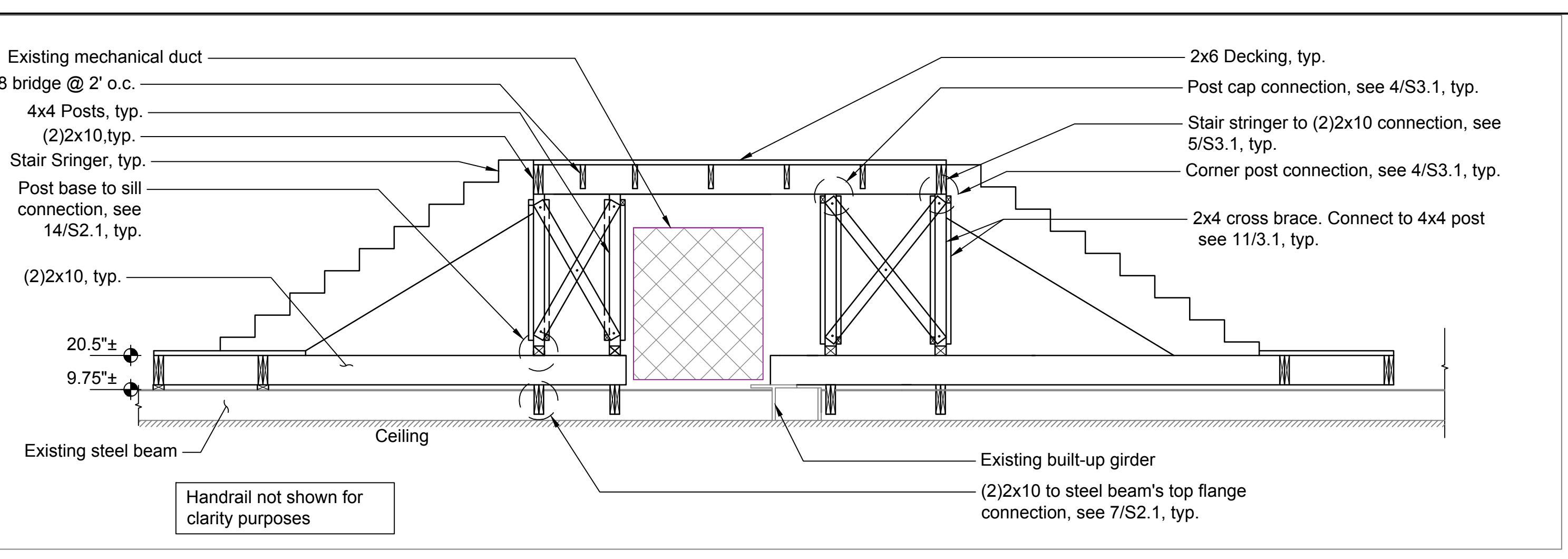
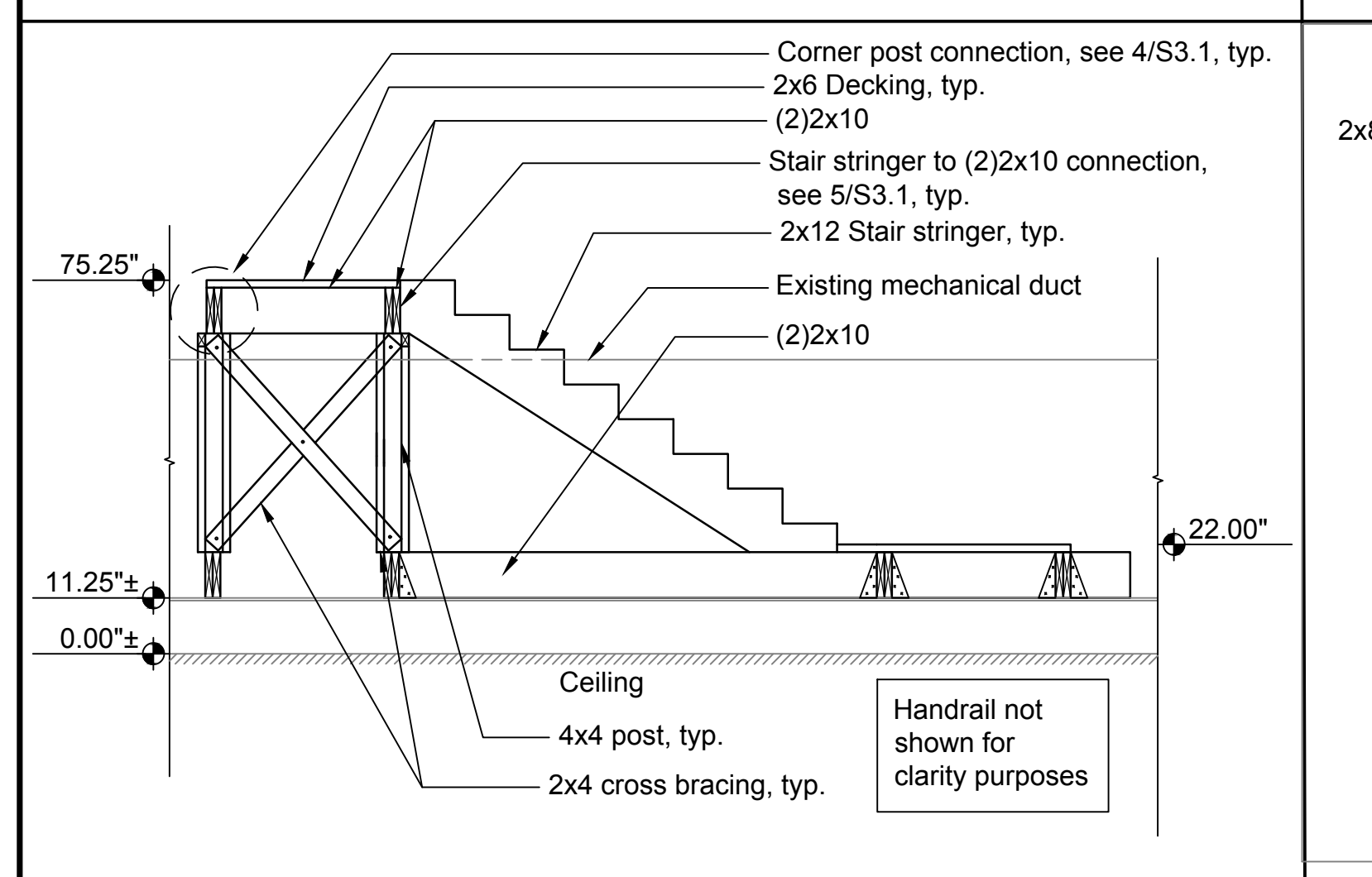
4 - Section Scale: NTS



5 - Section Scale: NTS

6 - Section Scale: NTS

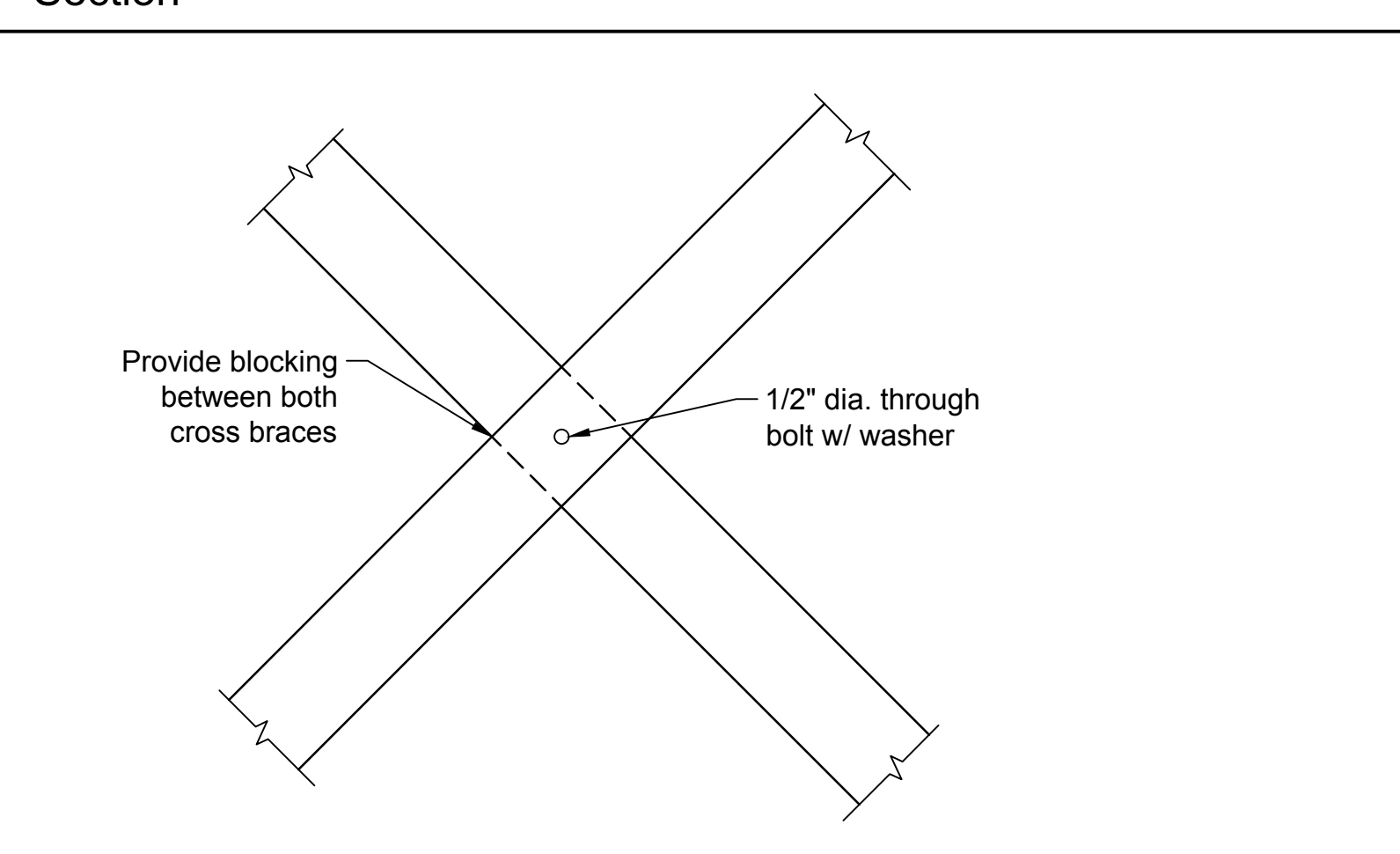
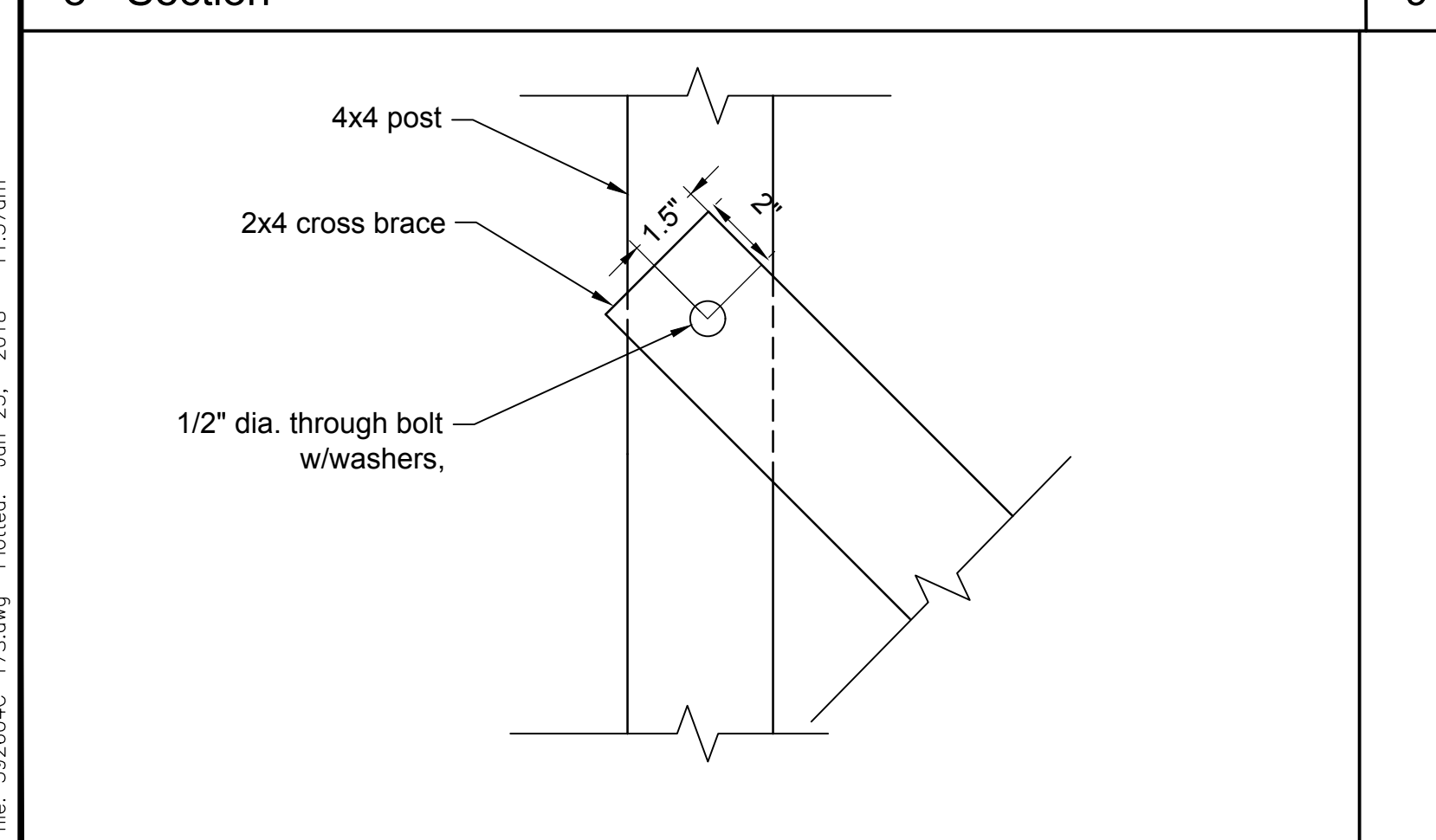
7 - Section Scale: NTS



8 - Section

9 - Section Scale: NTS

10- Handrail Detail Scale: NTS

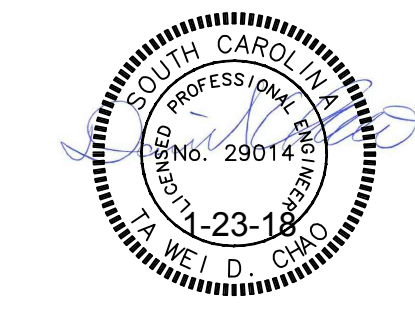
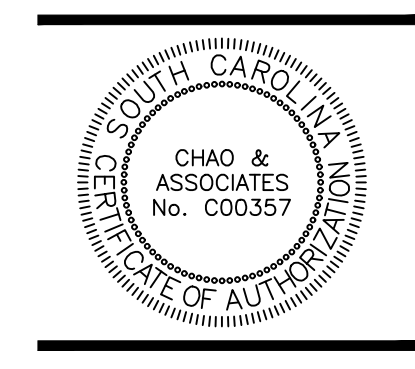


11- Cross Brace Connection Detail Scale: NTS

12 - Cross Brace Blocking Detail Scale: NTS



Chao & Associates, Inc.
 Civil - Structural - Survey
 7 Clusters Court
 Columbia, SC 29210
 Voice: (803) 772-8420
 Fax: (803) 772-9120
 Email: consul@chaoinc.com



Area 3 Details
Koger Center Catwalk Addition
 1051 Greene St.
 Columbia, SC 29201

Drawn: BMH
 Revised:
 Checked: DC
 Project No.:
 File: 392604C-17S.dwg

S3.1
 Sheet Number
 1/23/2018
 Date

Drawing File: 392604C-17S.dwg Plotted: Jan 23, 2018 - 11:37am