A. Plans have been prepared in accordance with the NJUCC Subchapter 7 Barrier

3.01. Verification: Remove finishes to verify existing structural framing conditions to

on drawings. 3.03. Shoring: Provide temporary shoring and bracing where required to maintain

structural integrity until permanent structure is complete. 3.04. Temporary Closures: Maintain building in weather tight condition until

permanent closure is completed. 3.05. Execution: Demolish, in their entirety, items indicated to be demolished. Take

work down carefully, do not knock it down. 3.06. Patching: Patch surfaces adjacent to demolished items to match existing

3.07. Reused items: Carefully remove items to be relocated or reused. Protect and store items to prevent damage until time of reinstallation.

## 3.08. Utilities:

a. All existing mechanical, plumbing and electrical fixtures and other equipment and materials that interfere with the altered existing building arrangements and new systems shall be removed, relocated, rerouted or abandoned. It is not possible to indicate all related accessories, specialties and other minor items. However, their removal, relocations, rerouting, or abandonment shall also be included in this contract and shall be done at no additional cost to the Owner.

b. Existing concealed and exposed equipment and materials that will become abandoned due to demolition work shall be removed back to the source.

c. All existing devices and equipment to be demolished may not be shown. Contractor shall prior to bid perform a site visit and determine full extent of demolition and include cost of this work in bid. Should a Contractor require removal, relocation or rerouting of another trade's work that is not indicated on the drawings, the Contractor requiring such work shall be responsible for that work, and pay all required costs.

d. Existing equipment and materials that are to remain, but become exposed due to new work, shall be relocated and reconnected as directed by Architect/ Owner.

e. All work involving alterations to existing systems, equipment and materials

shall be reviewed with Architect and Owner before beginning work. f. The Contractor must survey and verify locations and physical sizes of all existing items and determine whether relocation or rerouting will be required. If relocation or rerouting is required, including that work in bid with all related accessories, specialties and other minor items, the Contractor shall include all necessary work as part of his contract and it shall be done at no additional cost to the Owner.

3.09. Remove demolition materials from premises by the most direct path. Any damage incurred by the removal process shall be repaired to match the surrounding work and left in satisfactory condition. All areas shall be cleaned of all dirt and debris resulting from demolition.

3.10. Coordinate proposed dumpster location with Owner and Landlord prior to commencement of work.

3.11. Disposal: Remove and dispose of all materials in strict accordance with all governing regulations.

## **DIVISION 03 CONCRETE**

**03 30 00** – CAST-IN-PLACE CONCRETE

2.01 Concrete: 3,500 psi at 28 days, unless noted otherwise. Conforming to ACI 301 and ACI 318. Air entrained for exterior exposed locations.

2.02 Reinforcing steel: ASTM A615 grade 60 deformed bars.

2.03 Welded wire fabric: ASTM A185, flat sheet, 6 x 6 w 1.4 x w 1.4 unless noted otherwise. Overlap sheets 8" minimum.

2.04 Finishes: Steel trowel floor slabs and wood float sidewalks.

## DIVISION 06 WOOD, PLASTICS AND COMPOSITES

06 11 00 - ROUGH CARPENTRY 1.01. Quality Assurance: All wood and structural wood shall comply with current IBC

code. All framing shall carry the grade mark of the Western Wood Products Association or Southern Pine Inspection Bureau.

2.01. Framing lumber: No. 2, or better, Douglas Fir-Larch, Hem-Fir or Southern Pine unless noted otherwise.

2.02. Exterior wood: Preservative treated or cedar.

2.03. Preservative treated wood and plywood: Rated for Ground Contact by AWPA or other approved agency. Do not use ammonia-based preservatives. Provide 40year warranty. Lumber- No. 2 or better Southern Pine. Exposed stringers, etc. -No. 1 or better Southern Pine. Wood in contact with concrete floor slabs and masonry shall be preservative treated.

2.04. Nails: Common nails, ASTM A153, Class D hot dipped galvanized or Type 316 stainless steel.

2.05. Bolts: ASTM A307. ASTM A153, Class D hot dip galvanized or Type 316

2.06. Connectors, hangers, etc.: Simpson Strong-Tie, Z-MAX coating (1.85 oz/ft² hotdip zinc coating) or Type 316 stainless steel.

3.01. Install framing plumb and level. Place horizontal members crown side up.

3.02. Fasten in accordance with the IBC Recommended Fastening Schedule as a minimum standard.

## **06 43 16 – WOOD RAILINGS**

1.01. Design Requirements: Design handrail, guardrail, and attachments to resist forces as required by ASCE 7 and IBC Code. Apply loads non-simultaneously to produce maximum stresses.

a. Top Rail Concentrated Load: 200 pounds applied at any point in any direction.

b. Baluster Concentrated Load: 50 pounds applied to one square foot area. 1.02. Open Guards: Construct so that a 4" diameter sphere cannot pass through any

1.03. Handrail Design:

opening.

a. continuous without interruption by newel posts or other obstructions. Return handrail ends to a wall or post.

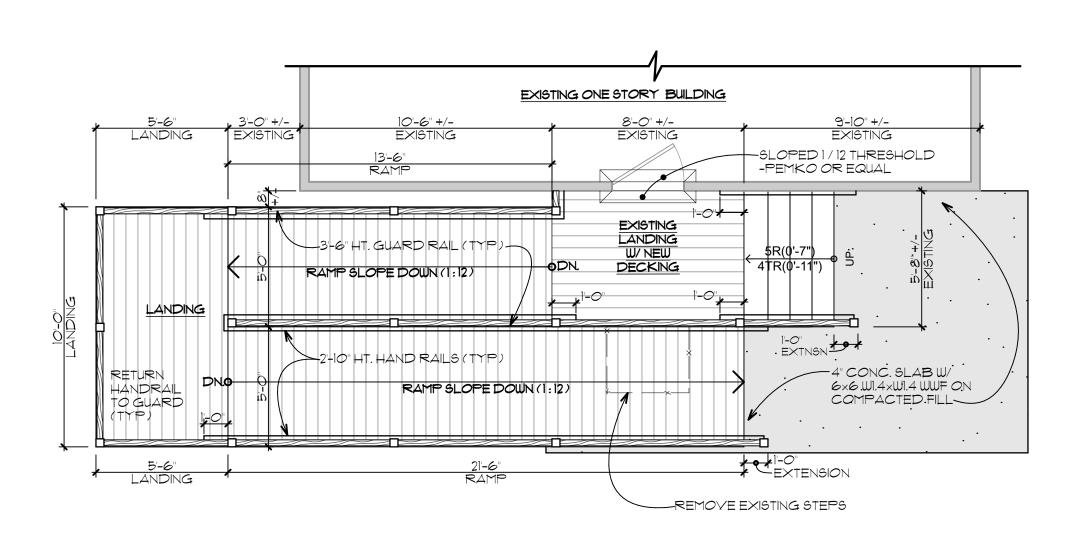
b. Clearance: 1 1/2" minimum clear space between handrail and adjacent wall. c. Projection: not more than 4 1/2" into stair or ramp width.

d. Shape: Circular cross section with outside diameter of 1 1/4" to 2" or any shape not more than 2 1/4" wide with a perimeter between 4" and 6 1/4".

Handrail edges shall have a minimum 1/8" radius. 1.04. Quality assurance: System manufacturer's or authorized reps. shall verify the above requirements are met by their product.

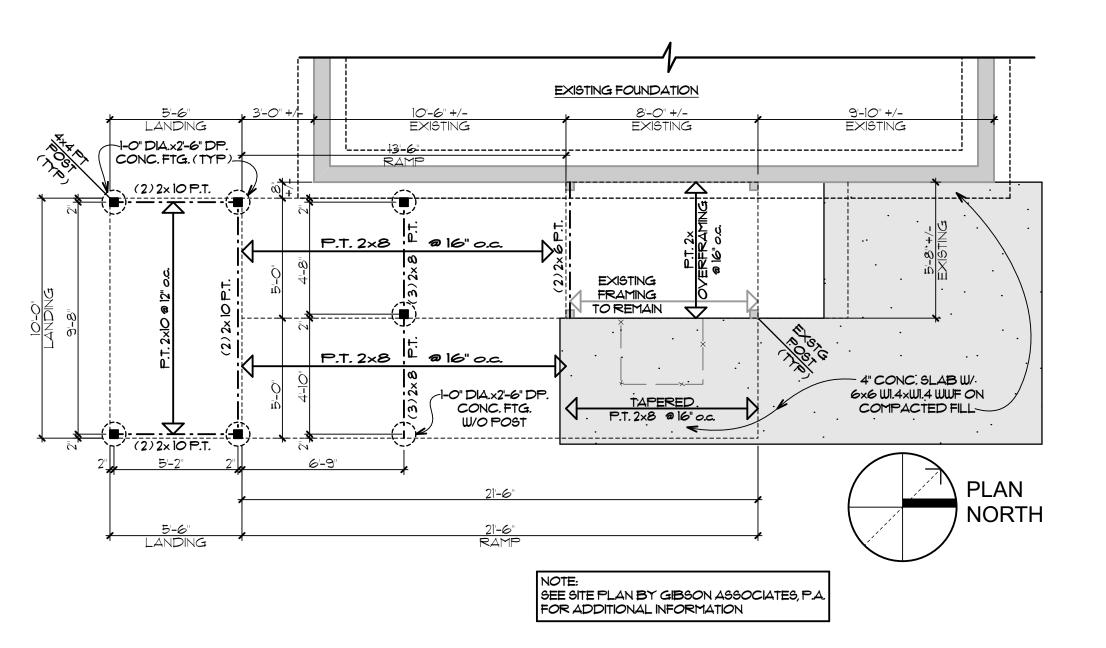
2.01. Exterior Railing: Code approved, prefabricated, pre-manufactured vinyl railing

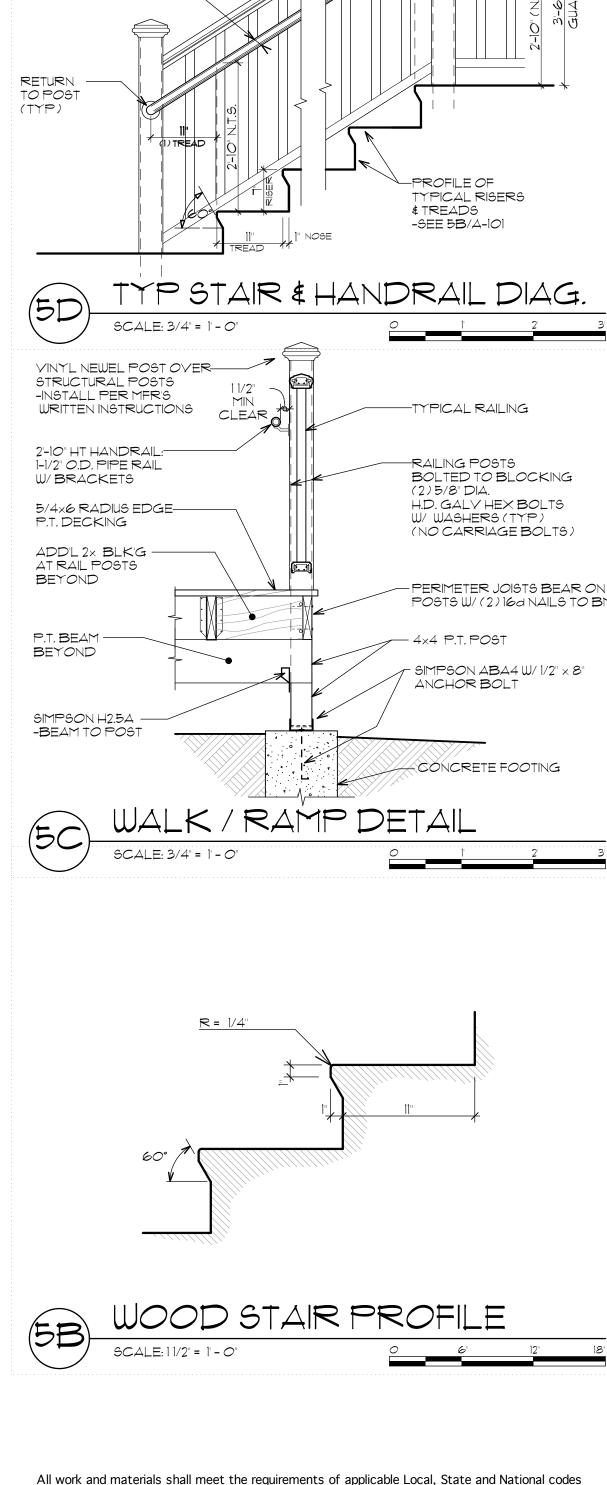
1.05. Handrail Installation: Set between 34" & 38" above tread nosing or ramp surface.





FOUNDATION/FRAMING PLAN







All work and materials shall meet the requirements of applicable Local, State and National codes including but not limited to:

IBC 2021 NJ Edition IMC 2021 NEC 2020 NSPC 2021 FUEL GAS CODE 2021 ICC/ANSI A-117-2017

VINYL RAILING —— GUARD RAIL (TYP)

11/2" O.D. VINY\_ PIPE HAND RAIL

NJUCC REHAB SUBCODE: ALTERATION	
Construction Type	V-B
Use Group	В
Flood Zone	Zone X
Live Load Schedule	
Floor	100 psf
Wind	124 mph - Exposure C

Date REVISION **DATE:** 04/18/23

& CAP OPEN

**FENWICK** 

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**JOB NO. 23-309** 

First Floor Plan, General Notes, Details

**A-101** 1 OF 1