

# Alterations and Renovations

## Storage Facility

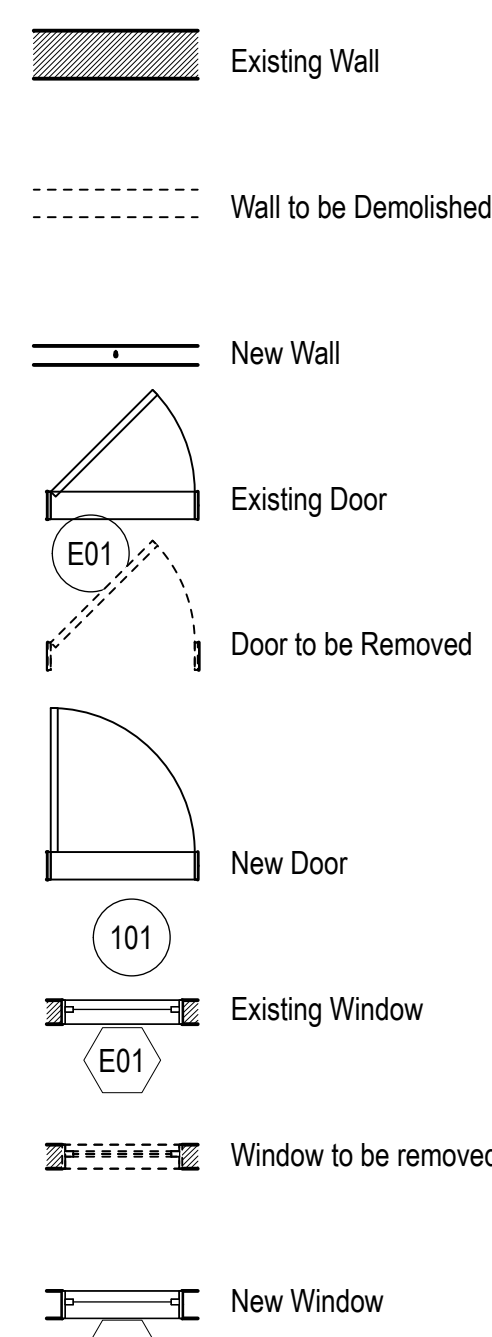
### Unit Hydro, 300 Canal Street

### Pacific Mills, Lawrence, MA

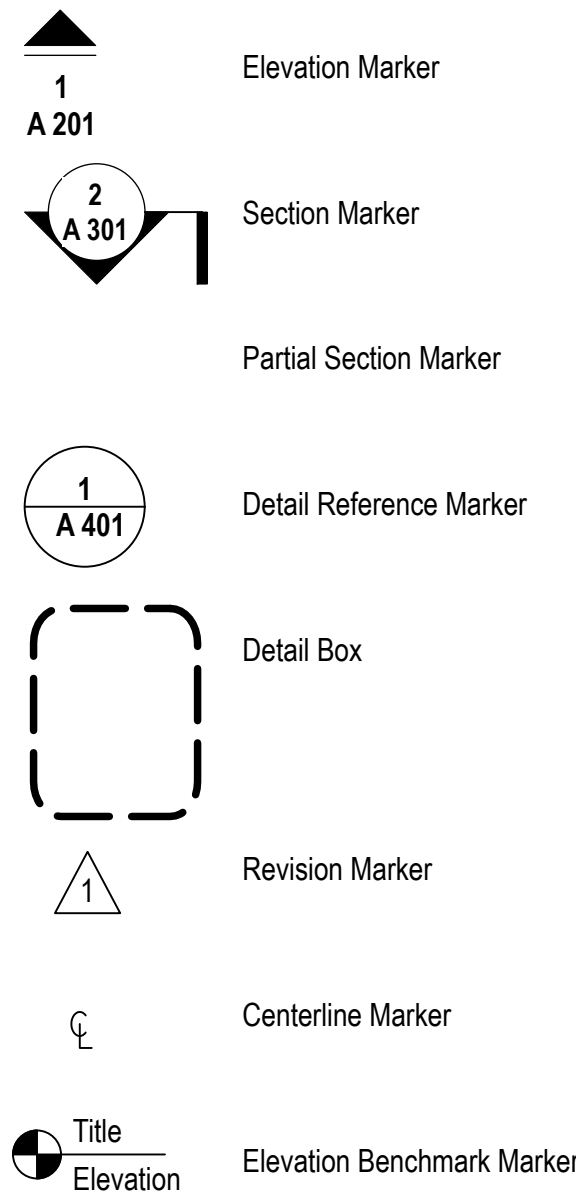
Storage Facility  
Pacific Mills Unit Hydro

NEH•KOO•DAH

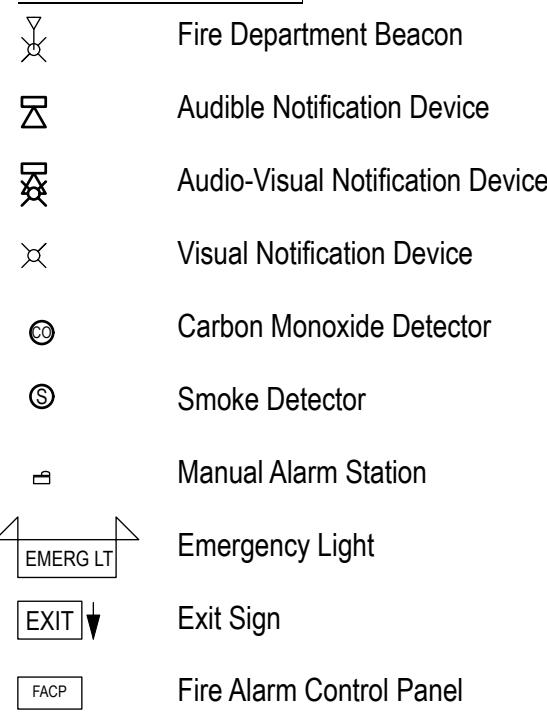
#### ARCHITECTURAL LEGEND



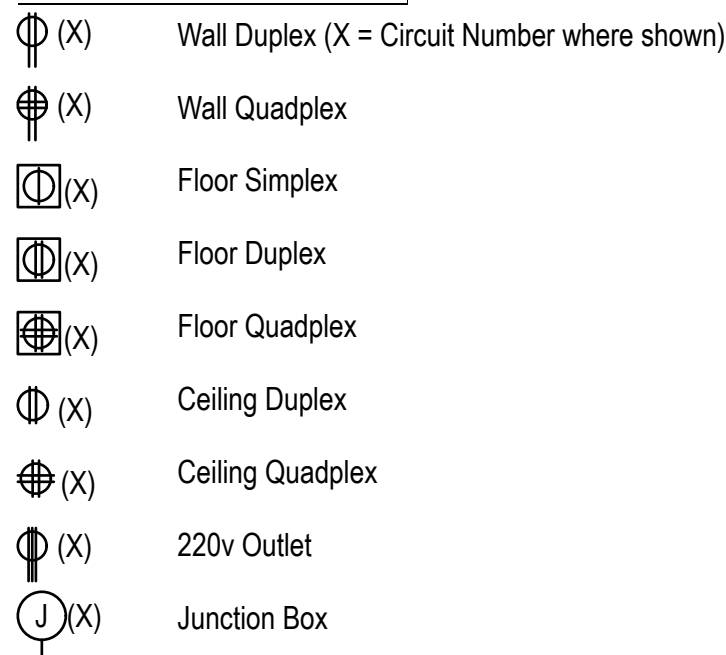
#### DRAWING SYMBOL LEGEND



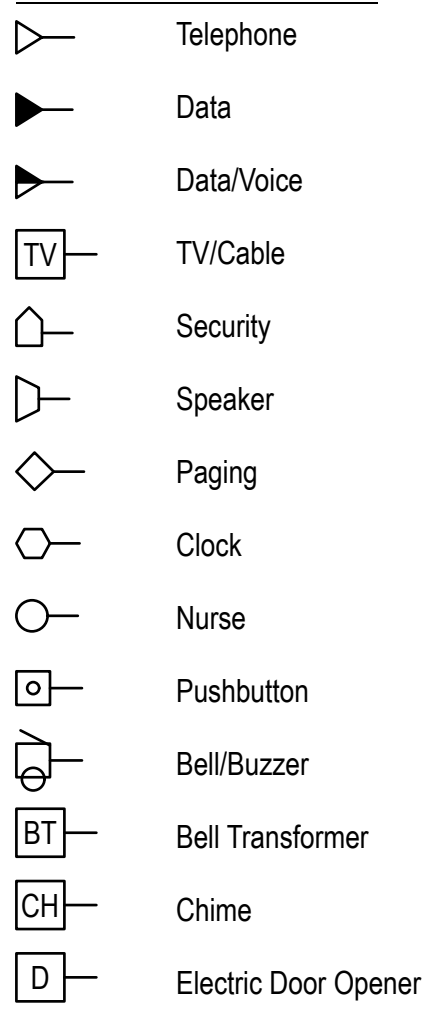
#### LIFE SAFETY LEGEND



#### ELECTRICAL POWER LEGEND

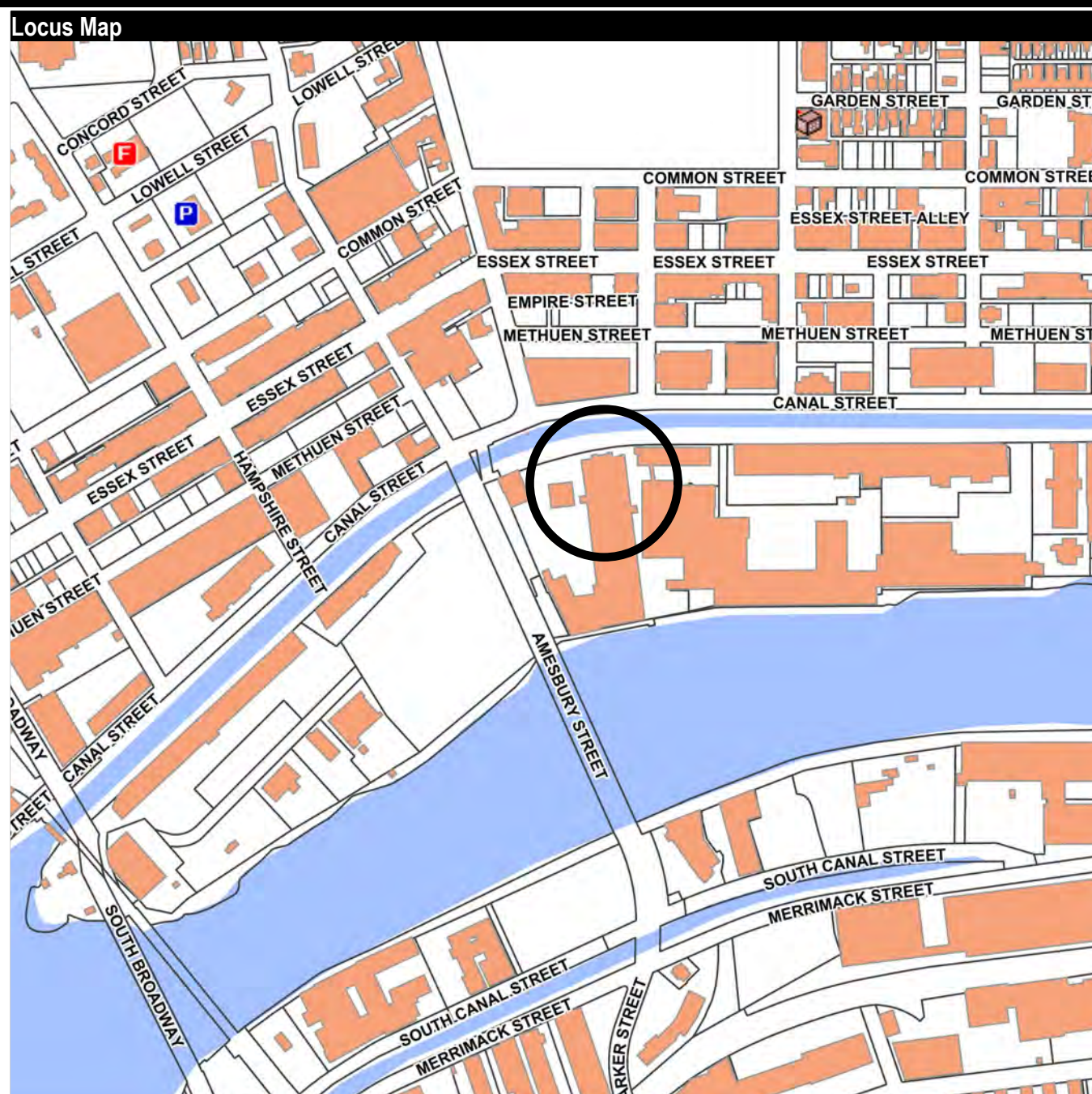


#### COMMUNICATIONS LEGEND



Contacts	
Owner	Builder
Owner	Builder
Address	Address
Town, Massachusetts Zip	Town, Massachusetts Zip
v (617) 000 6000	v (617) 000 6000
Contact: Mr. Contact	Contact: Mr. Contact
e-mail	e-mail
Architect	Consultant 1
Neh•Koo•Dah	Consultant
2001 Beacon Street #211	Address
Boston, Massachusetts 02135	Town, Massachusetts Zip
(617) 285-1985	v (617) 000 6000
Contact: Mr. Bennie Ber	Contact: Mr. Contact
bber@nehkoodah.com	e-mail
Consultant 2	Consultant 3
Consultant	Consultant
Address	Address
Town, Massachusetts Zip	Town, Massachusetts Zip
v (617) 000 6000	v (617) 000 6000
Contact: Mr. Contact	Contact: Mr. Contact
e-mail	e-mail

Drawing List	
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#### Summary of Works Notes

- WORK COVERED BY CONTRACT DOCUMENTS
  - Project Identification: Alterations and Renovations to Unit Hydro, Pacific Mills Lofts.
    - Project Location: 300 Canal Street Lawrence, Massachusetts 01840.
  - Owner: Lawrence Redevelopment Authority.
    - Owner's Representative: Octavien Spanner.
  - Architect: Bennie Ber, AIA d/b/a Neh•Koo•Dah.
  - Contractor: TBD
  - The Work consists of the following:
    - The Work includes Selective interior demolition as indicated.
- TYPE OF CONTRACT
  - Project will be constructed under a single prime contract.
- USE OF PREMISES
  - General: Contractor shall have limited use of premises for construction operations as indicated on Drawings by the Contract limits.
  - Use of Site: Limit use of premises to work in areas indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
    - Driveways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
      - Schedule deliveries to minimize use of driveways and entrances.
  - Use of Existing Building: Maintain existing building in a weathertight condition throughout construction period. Repair damage caused by construction operations. Protect building and its occupants during construction period.
- OWNER'S OCCUPANCY REQUIREMENTS
  - Full Owner Occupancy: Owner will occupy site and [existing] [adjacent] building during entire construction period. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's day-to-day operations. Maintain existing exits, unless otherwise indicated.
    - Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
    - Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
  - Partial Owner Occupancy: Owner will occupy the premises during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits, unless otherwise indicated.
    - Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
    - Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
- WORK RESTRICTIONS
  - On-Site Work Hours: Work shall be generally performed inside the existing building during normal business working hours of 7 a.m. to 6 p.m., Monday through Friday, except otherwise indicated.
    - Weekend Hours: <Insert restrictions on times permitted for weekend work.>
    - Early Morning Hours: <Insert restrictions or references to regulations by authorities having jurisdiction for restrictions on noisy work.>
    - Hours for Utility Shutdowns: <Insert Owner's restrictions.>
    - Hours for [Core Drilling] <Insert noisy activity>: <Insert Owner's restrictions.>
  - Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:
    - Notify [Architect] [Construction Manager] [Owner] not less than [two] <Insert number> days in advance of proposed utility interruptions.
    - Do not proceed with utility interruptions without [Architect's] [Construction Manager's] [Owner's] written permission.
    - Nonsmoking Building: Smoking is not permitted within the building or within 25 feet (8 m) of entrances, operable windows, or outdoor air intakes.

No.	Date	Appr	Revision Notes
For Advertisement -			
No.	Date	Issue Notes	
Design Firm		Neh•Koo•Dah 2001 Beacon Street #211 Boston, Massachusetts 02135	
Consultant		© Neh•Koo•Dah 2024	
Project Title		Pacific Mills Unit Hydro	
Drawing Title		Cover Sheet	
Project Manager		Project ID	24007
Drawn By		Scale	Sheet Scale
Reviewed By		Drawing No.	<b>G 001</b>
Date		29 May 2024	
CAD File Name		24007 - Model.vwx	



Existing Building Code Review				
Codes in Effect		780 CMR Massachusetts State Building Code 9th Edition		
		2015 International Existing Building Code (2015 IEBC)		
Design Criteria	Existing	Allowed / Required	Proposed	Reference
Existing Structures				Chapter 34 / 2015 IEBC
Compliance Method			TBD	2015 IEBC 301.1
Risk Category				2015 IBC Table 1604.5
Structural Performance Level BSE-1N				2015 IEBC Table 301.1.4.1
Structural Performance Level BSE-1N				
Work Area			0 sq ft	2015 IEBC Ch. 2
Classification of Work			TBD	2015 IEBC Ch. 5
Fire Protection		TBD	NC	TBD
Means of Egress		TBD	NC	TBD
Accessibility		TBD	NC	TBD
Structural		TBD	NC	TBD
Energy Conservation		Alteration are Required to conform to the Code for New Construction		

Building Code Review - Structural Design		
Codes in Effect		780 CMR Massachusetts State Building Code 9th Edition
		521 CMR Massachusetts Architectural Access Board Regulations
		2010 ADA Standards for Accessible Design
Design Criteria		Reference
Risk Category	III	Table 1604.5
Deck Attachment to Exterior Wall	Provide positive anchorage to primary structure	1604.8.3
Ground Snow Load	40 psf	Table 1604.11
Basic Wind Speed	139 mph	
Floor Live Load	100 psf	Table 1607.1
Roof Live Load		
Wind-Borne Debris Region		1609.2
Surface Roughness (Exposure) Category		1609.4.2
Design Pressure Horizontal (outward pressure)	20 psf	
Design Pressure Vertical (upward pressure)	33 psf	spri.org Wind Calculator
Flood Loads		Section 1612
Design Flood Elevation		1612.3.1
Seismic Design Category		Section 1613
Site Class		1613.3.2
Design Load-Bearing Value of Soil		
Structural Observations		1704.6

Building Code Review				
Codes in Effect		780 CMR Massachusetts State Building Code 9th Edition		
		521 CMR Massachusetts Architectural Access Board Regulations		
		2010 ADA Standards for Accessible Design		
Design Criteria	Existing	Allowed / Required	Proposed	Reference
Existing Use Group			No Change (NC)	Chapter 3
Special Use				Chapter 4
Year Built				
Type of Construction			NC	Chapter 6
Allowable Height			NC	Table 503
Allowable Height (Stories)			NC	Table 503
Allowable Building Area per Floor (At)			NC	Table 503
Automatic Sprinkler System Height Increase (feet)			NC	504.2
Automatic Sprinkler System Height Increase (Stories)			NC	504.2
Dwelling Unit Separation Walls			NC	420.2 / 709
Dwelling Unit Horizontal Separation			NC	420.3 / 712
Building Perimeter (P)				506.2
Qualifying Building Perimeter (F)				506.2
Width of Public Way (W)				506.2.1
Area Increase due to Frontage (If)				506.2 Equation 5-2
Area Increase due to Sprinkler (Is)				506.3
Unlimited Area Building		NA		507
Interior Wall & Ceiling Finishes			Flame Spread < 75 Smoke Dev'd < 450	Table 803.9 Table 803.9
Automatic Sprinkler System		Would be Required for New Construction	No	Section 903
Automatic Sprinkler System may be required by M.G.L. c. 148 § 26A, 26A 1/2, 26G, 26G 1/2, 26H or 26I, or M.G.L. c. 272 §§ 86 through 86d				
Standpipe System				Section 905
Portable Fire Extinguishers				906.1 / NFPA 10
Minimum Extinguisher Rating				Table 906.3(1)
Maximum Floor Area per Extinguisher				
Maximum Travel Distance to Extinguisher				
Manual Fire Alarm System				907.2.3 Exception 3
Smoke Alarms				907.2.3
Common Path of Egress Travel				1014.3
Exit Access Travel Distance				Table 1016.1
Corridor Fire-Resistance Rating				Table 1018.1
Exit Enclosure				1022.1
Exit Passageways				1023.1
Width				1023.2
Construction				1023.3
Exterior Wall Flashing				
Perimeter of exterior door and window assemblies				
Penetrations and terminations of exterior wall assemblies				1405.4
Exterior wall intersections with roofs, chimneys, porches, decks, balconies, and similar projections				

- Contract Modification Notes**
- MINOR CHANGES IN THE WORK
    - Architect will issue supplemental instructions authorizing Minor Changes in the Work, not involving adjustment to the Contract Sum or the Contract Time, on [AIA Document G710, "Architect's Supplemental Instructions."
  - PROPOSAL REQUESTS
    - Owner-Initiated Proposal Requests: Architect will issue a detailed description of proposed changes in the Work that may require adjustment to the Contract Sum or the Contract Time. If necessary, the description will include supplemental or revised Drawings and Specifications.
      - Proposal Requests issued by Architect are for information only. Do not consider them instructions either to stop work in progress or to execute the proposed change.
      - Within 20 days after receipt of Proposal Request, submit a quotation estimating cost adjustments to the Contract Sum and the Contract Time necessary to execute the change.
        - Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
        - Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
        - Include costs of labor and supervision directly attributable to the change.
        - Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
    - Contractor-Initiated Proposals: If latent or unforeseen conditions require modifications to the Contract, Contractor may propose changes by submitting a request for a change to Architect.
      - Include a statement outlining reasons for the change and the effect of the change on the Work. Provide a complete description of the proposed change. Indicate the effect of the proposed change on the Contract Sum and the Contract Time.
      - Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
      - Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
      - Include costs of labor and supervision directly attributable to the change.
      - Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
      - Comply with requirements in Division 01 Section "Product Requirements" if the proposed change requires substitution of one product or system for product or system specified.
  - CHANGE ORDER PROCEDURES
    - On Owner's approval of a Proposal Request, Architect will issue a Change Order for signatures of Owner and Contractor on AIA Document G701.
  - CONSTRUCTION CHANGE DIRECTIVE
    - Construction Change Directive: Architect may issue a Construction Change Directive on AIA Document G714. Construction Change Directive instructs Contractor to proceed with a change in the Work, for subsequent inclusion in a Change Order.
      - Construction Change Directive contains a complete description of change in the Work. It also designates method to be followed to determine change in the Contract Sum or the Contract Time.
      - Documentation: Maintain detailed records on a time and material basis of work required by the Construction Change Directive.
        - After completion of change, submit an itemized account and supporting data necessary to substantiate cost and time adjustments to the Contract.

Storage Facility  
Pacific Mills Unit Hydro



No.	Date	Appr	Revision Notes

For Advertisement -

No.	Date	Issue Notes	
<div><div></div><div></div></div>			
Design Firm			
Neh•Koo•Dah 2001 Beacon Street #211 Boston, Massachusetts 02135			
Consultant			
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Project Title			
Pacific Mills Unit Hydro			
Drawing Title			
Code Information / Contract Modification Notes			
Project Manager		Project ID	
Drawn By		Scale	
Reviewed By		Drawing No.	
Date		G 002 _____ of _____	
CAD File Name			
24007 - Model.vwx			







Selective Interior Demolition Notes

1. DEFINITIONS

A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.

B. Remove and Salvage: Detach items from existing construction and deliver them to Owner.

C. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.

D. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.
2. MATERIALS OWNERSHIP

A. Historic items, relics, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, antiques, and other items of interest or value to Owner that may be encountered during selective demolition remain Owner's property. Carefully remove and salvage each item or object in a manner to prevent damage and deliver promptly to Owner.
3. PROJECT CONDITIONS

A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.

1. Comply with requirements specified in Division 01 Section "Summary."

B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.

D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.

1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Owner will remove hazardous materials under a separate contract.

E. Storage or sale of removed items or materials on-site is not permitted.

F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.

1. Maintain fire-protection facilities in service during selective demolition operations.
4. WARRANTY

A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties.
5. EXAMINATION

A. Verify that utilities have been disconnected and capped.

B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.

C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.

D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.
6. UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. Existing Services/Systems: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.

1. Comply with requirements for existing services/systems interruptions specified in Division 01 Section "Summary."
7. PREPARATION

A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Comply with requirements for access and protection specified in Division 01 Section "Temporary Facilities and Controls."

B. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

1. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.

2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.

3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.

4. Cover and protect furniture, furnishings, and equipment that have not been removed.

5. Comply with requirements for temporary enclosures, dust control, heating, and cooling specified in Division 01 Section "Temporary Facilities and Controls."

C. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.

1. Strengthen or add new supports when required during progress of selective demolition.
8. SELECTIVE DEMOLITION. GENERAL

A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:

1. Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition operations above each floor or tier before disturbing supporting members on the next lower level.

2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.

3. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.

4. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain[ fire watch and] portable fire-suppression devices during flame-cutting operations.

5. Maintain adequate ventilation when using cutting torches.

6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.

7. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.

8. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

9. Dispose of demolished items and materials promptly.
9. SELECTIVE DEMOLITION PROCEDURES FOR SPECIFIC MATERIALS

A. Masonry: Demolish in small sections. Cut masonry at junctures with construction to remain, using power-driven saw, then remove masonry between saw cuts.
10. DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.

1. Do not allow demolished materials to accumulate on-site.

2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.

4. Comply with requirements specified in Division 01 Section "Construction Waste Management and Disposal."

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.
11. CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

Storage Facility  
Pacific Mills Unit Hydro



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No.	Date	Issue Notes	

Design Firm	Neh•Koo•Dah 2001 Beacon Street #211 Boston, Massachusetts 02135
Consultant	© Neh•Koo•Dah 2024

Project Title	Pacific Mills Unit Hydro
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Drawing Title	Demolition Notes
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Drawing Title		Demolition Notes	
Project Manager		Project ID	24007
Drawn By	BB	Scale	Sheet Scale
Reviewed By		Drawing No.	AD 001 of
Date	29 May 2024		
CAD File Name 24007 - Model.vwx			



No.	Date	Appr	Revision Notes
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For Advertisement -

No.	Date	Issue Notes
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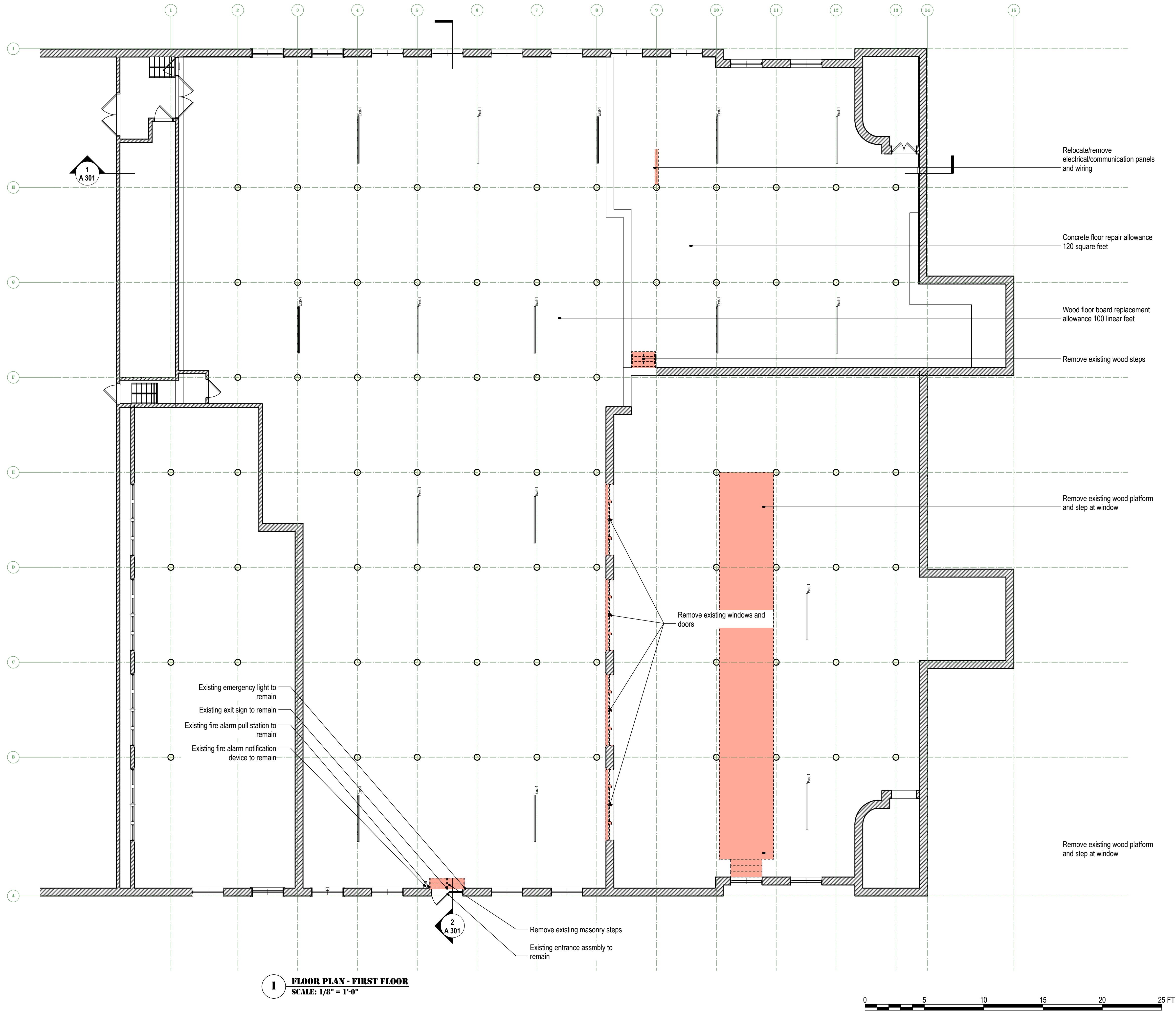
Design Firm  
**Neh-Koo-Dah**  
2001 Beacon Street #211  
Boston, Massachusetts 02135

Consultant  
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Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Demolition Floor Plan

Project Manager	Project ID	24007
Drawn By	Scale	Sheet Scale
Reviewed By	Drawing No.	AD 102
Date		29 May 2024
CAD File Name		24007 - Model.vwx



**1 FLOOR PLAN - FIRST FLOOR**  
SCALE: 1/8" = 1'-0"







**Wire Mesh Partition Notes**

1. HEAVY-DUTY WIRE MESH PARTITIONS

A. Mesh: 0.192-inch- (4.9-mm-) diameter steel wire woven into 2-inch (50-mm) diamond mesh or welded into 1-1/2-by-2-1/2-inch (38-mm-by-65-mm) rectangular mesh.

B. Vertical and Horizontal Panel Framing: 1-1/2-by-3/4-by-1/8-inch (38-by-19-by-3.2-mm) cold-rolled steel channels; with holes for 3/8-inch- (9.5-mm-) diameter bolts not more than 12 inches (300 mm) o.c.

C. Horizontal Panel Stiffeners: Two cold-rolled steel channels, 1 by 1/2 by 1/8 inch (25 by 13 by 3.2 mm), bolted or riveted toe to toe through mesh.

D. Top Capping Bars: 3-by-1-inch (76-by-25-mm) steel channels.

E. Posts for 90-Degree Corners: 1-1/2-by-1-1/2-by-1/8-inch (38-by-38-by-3.2-mm) steel angles or tubes[ or 2-by-2-by-0.075-inch (50-by-50-by-1.9-mm) cold-rolled steel angles or tubes], with holes for 3/8-inch- (9.5-mm-) diameter bolts aligning with bolt holes in vertical framing; with 1/4-inch (6.4-mm) steel base plates.

F. Posts for Other-Than-90-Degree Corners: 2-inch- (50-mm) OD by 1/8-inch (3.2-mm) steel pipe or round tube, with holes for 3/8-inch- (9.5-mm-) diameter bolts aligning with bolt holes in vertical framing; with 1/4-inch (6.4-mm) steel base plates.

G. Adjustable Corner Posts: Two 1-1/2-by-3/4-by-1/8-inch (38-by-19-by-3.2-mm) cold-rolled, steel channels or 2-by-2-by-0.075-inch (50-by-50-by-1.9-mm) steel tubes connected by steel hinges at 36 inches (900 mm) o.c. attached to posts; with 1/4-inch- (6-mm-) diameter bolt holes aligning with bolt holes in vertical framing; with 1/4-inch (6.4-mm) steel base plates.

H. Line Posts: 3-inch-by-4.1-lb (76-mm-by-1.9-kg) or 3-1/2-by-1-1/4-by-1/8-inch (89-by-32-by-3.2-mm) steel channels; with 1/4-inch (6.4-mm) steel base plates.

I. Three- and Four-Way Intersection Posts: 2-by-2-by-0.075-inch (50-by-50-by-1.9-mm) steel tubes, with holes for 3/8-inch- (9.5-mm-) diameter bolts aligned for bolting to adjacent panels; with 1/4-inch (6.4-mm) steel base plates.

J. Floor Shoes: Metal, not less than 2 inches (50 mm) high; sized to suit vertical framing, drilled for attachment to floor, and with set screws for leveling adjustment.

K. Swinging Doors: Fabricated from same mesh as partitions, with framing fabricated from 1-1/2-by-3/4-by-1/8-inch (38-by-19-by-3.2-mm) steel channels, banded with 1-1/2-by-1/8-inch (38-by-3.2-mm) flat steel bar cover plates on four sides, and with 1/8-inch- (3.2-mm-) thick angle strike bar and cover on strike jamb.

1. Hinges: Full-surface type, 3-1/2-by-3-1/2-inch (89-by-89-mm) steel, three per door; bolted, riveted, or welded to door and jamb framing.

2. Padlock Lug: Mortised into door framing and enclosed with steel cover.

L. Vertically Sliding Service Windows: Fabricated from same mesh and framing as panels and equipped with [a spring catch][slide bolts] on each jamb to lock window in open and closed positions. Include opening frame in partition fabricated from 1-1/4-by-1/2-by-1/8-inch (32-by-13-by-3.2-mm) steel channels.

M. Swinging Service Windows: Fabricated from same mesh and framing as panels and equipped with spring catch on strike jamb that locks window in closed position. Include opening frame in partition fabricated from 1-1/4-by-1/2-by-1/8-inch (32-by-13-by-3.2-mm) steel channels.

N. Accessories:

1. Sheet Metal Base: 0.060-inch- (1.5-mm-) thick, steel sheet.

2. Adjustable Filler Panels: 0.060-inch- (1.5-mm-) thick steel sheet, capable of filling openings from 2 to 12 inches (50 to 300 mm).

O. Finish: Hot-dip galvanized unless otherwise indicated.

**Interior Painting Notes**

1. A. Wood Substrates: Wood paneling and casework.

1. Latex over Latex Primer System [MPI INT 6.4R]:

a. Prime Coat: Primer, latex, for interior wood[, MPI #39].

2. Intermediate Coat: Latex, interior, matching topcoat.

b. Topcoat: Latex, interior, semi-gloss (MPI Gloss Level 5), MPI #54.

2. A. Concrete Substrates, Traffic Surfaces:

1. Latex Floor Enamel System [MPI INT 3.2A]:

a. Prime Coat: Floor paint, latex, matching topcoat.

b. Intermediate Coat: Floor paint, latex, matching topcoat.

c. Topcoat: Floor paint, latex, low gloss (maximum MPI Gloss Level 3)[, MPI #60].

2. Water-Based Concrete Floor Sealer System [MPI INT 3.2G]:

a. First Coat: Sealer, water based, for concrete floors, matching topcoat.

b. Topcoat: Sealer, water based, for concrete floors[, MPI #99].

5. Solvent-Based Concrete Floor Sealer System [MPI INT 3.2F]:

a. First Coat: Sealer, solvent based, for concrete floors, matching topcoat.

b. Topcoat: Sealer, solvent based, for concrete floors[, MPI #104].

3. A. Wood Substrates: Traffic surfaces, including [floors] [and] [stairs].

1. Latex Porch & Floor Enamel System [MPI INT 6.5G]:

2. Prime Coat: Primer sealer, alkyd, interior[, MPI #45].

c. Intermediate Coat: Floor paint, latex, matching topcoat.

d. Topcoat: Floor paint, latex, low gloss (maximum MPI Gloss Level 3)[, MPI #60].

2. Alkyd Floor Enamel System [MPI INT 6.5A]:

a. Prime Coat: Floor enamel, alkyd, matching topcoat.

b. Intermediate Coat: Floor enamel, alkyd, matching topcoat.

c. Topcoat: Floor enamel, alkyd, gloss (MPI Gloss Level 6)[, MPI #27].

**Fire Extinguisher Notes**

1. A. Fire Extinguishers:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

a. Amerex Corporation.

b. Ansul Incorporated; Tyco International Ltd.

c. Badger Fire Protection; a Kidde company.

d. Buckeye Fire Equipment Company.

e. Fire End & Croker Corporation.

f. J. L. Industries, Inc.; a division of Activar Construction Products Group.

g. Kidde Residential and Commercial Division; Subsidiary of Kidde plc.

h. Larsen's Manufacturing Company.

i. Moon-American.

j. Pem All Fire Extinguisher Corp.; a division of PEM Systems, Inc.

k. Potter Roemer LLC.

l. Pyro-Chem; Tyco Safety Products.

**Thermal Barrier Coating Notes**

1. A. Thermal Barrier Coating: Fire-protective intumescent coating formulated for application over polyurethane foam plastics, compatible with insulation, and passes NFPA 286, FM 4880, UL 1040, or UL 1715 testing as part of an approved assembly.

1. Surface-Burning Characteristics: Comply with ASTM E84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

a. Flame-Spread Index: 25 or less.

b. Smoke-Developed Index: [50] [450] <Insert value> or less.

2. Fire Propagation Characteristics: Passes NFPA 285 testing as part of an approved assembly.

3. Topcoat: As recommended in writing by intumescent thermal barrier manufacturer as compatible with substrate materials.

Storage Facility  
Pacific Mills Unit Hydro



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For Advertisement -

No.	Date	Issue Notes

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2001 Beacon Street #211  
Boston, Massachusetts 02135

Consultant

Project Title  
**Pacific Mills Unit Hydro**

Drawing Title  
**Notes**

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Drawn By	Scale	Sheet Scale
Reviewed By	Drawing No.	<b>A 002</b> of
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CAD File Name		

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Storage Facility  
Pacific Mills Unit Hydro

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Boston, Massachusetts 02135

Consultant

Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Floor Plan

Project Manager	Project ID
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Drawn By	Scale
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Reviewed By	Drawing No.
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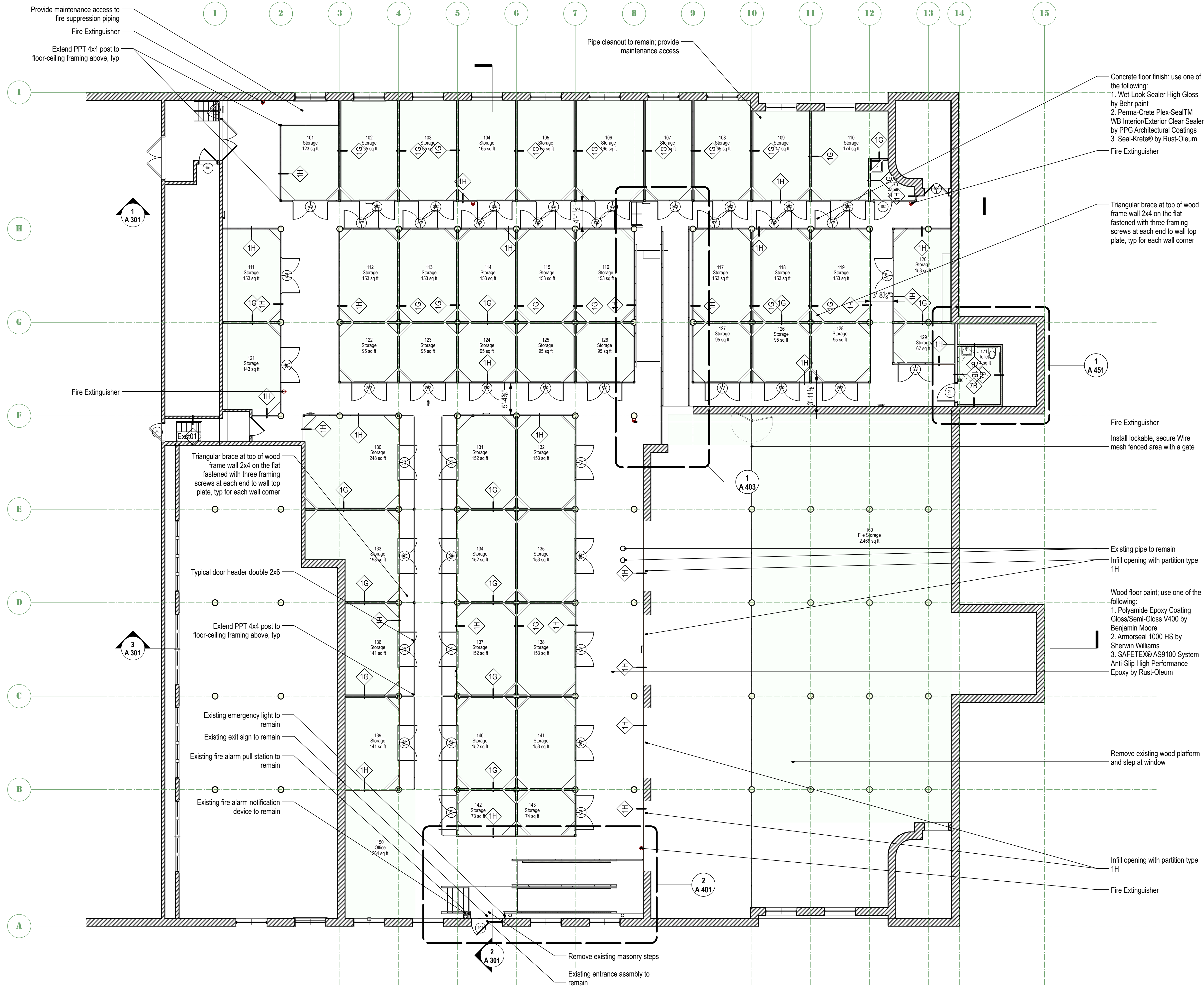
Date	
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CAD File Name	
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24007 - Model.vwx	
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of



1 FLOOR PLAN - FIRST FLOOR  
SCALE: 1/8" = 1'-0"





Storage Facility  
Pacific Mills Unit Hydro

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No.	Date	Appr	Revision Notes
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Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Reflected Ceiling Plan  
Light Fixture Schedule

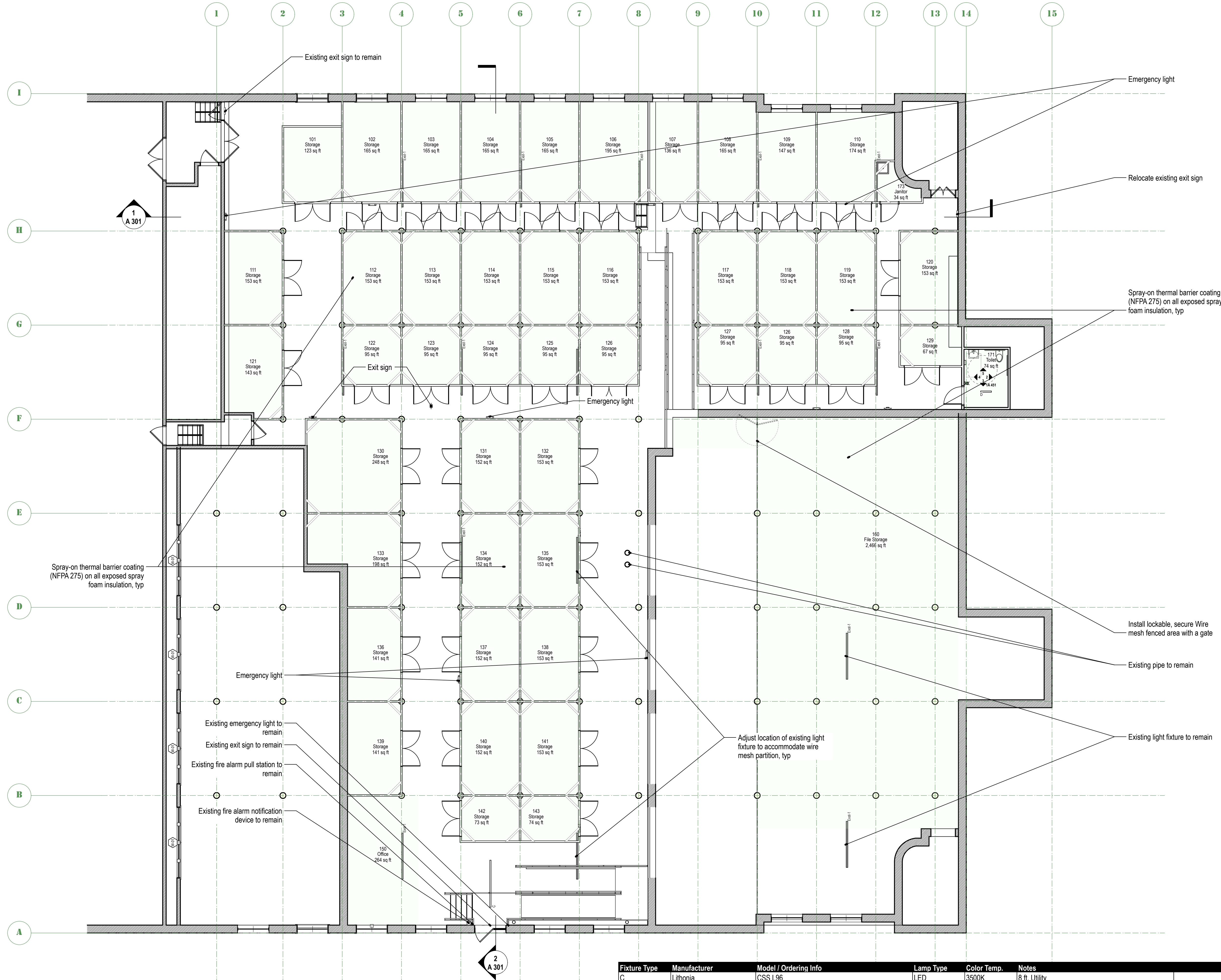
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Drawn By	Scale	Sheet Scale
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Reviewed By	Drawing No.	A 152
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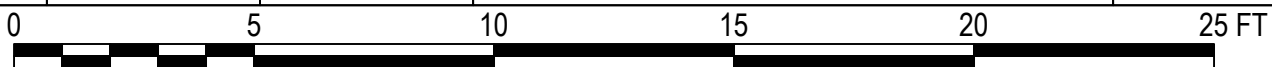
Date	29 May 2024	of
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CAD File Name	24007 - Model.vwx
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**1 REFLECTED CEILING PLAN - FIRST FLOOR**  
SCALE: 1/8" = 1'-0"

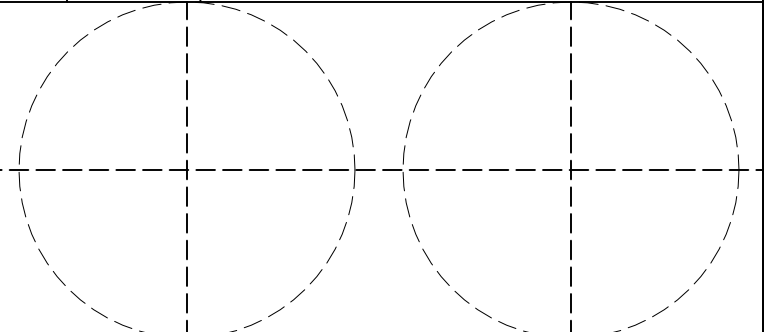
Fixture Type	Manufacturer	Model / Ordering Info	Lamp Type	Color Temp.	Notes
C	Lithonia	CSS L96	LED	3500K	8 ft. Utility
D	Lithonia	CSS	LED	3500k	Existing Fixture
Exst-1					





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Project Title Pacific Mills Unit Hydro			
Drawing Title Building Sections			
Project Manager		Project ID 24007	
Drawn By BB		Scale Sheet Scale	
Reviewed By		Drawing No.	
Date 29 May 2024		A 301 of	
CAD File Name 24007 - Model.vwx			



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No.	Date	Issue Notes

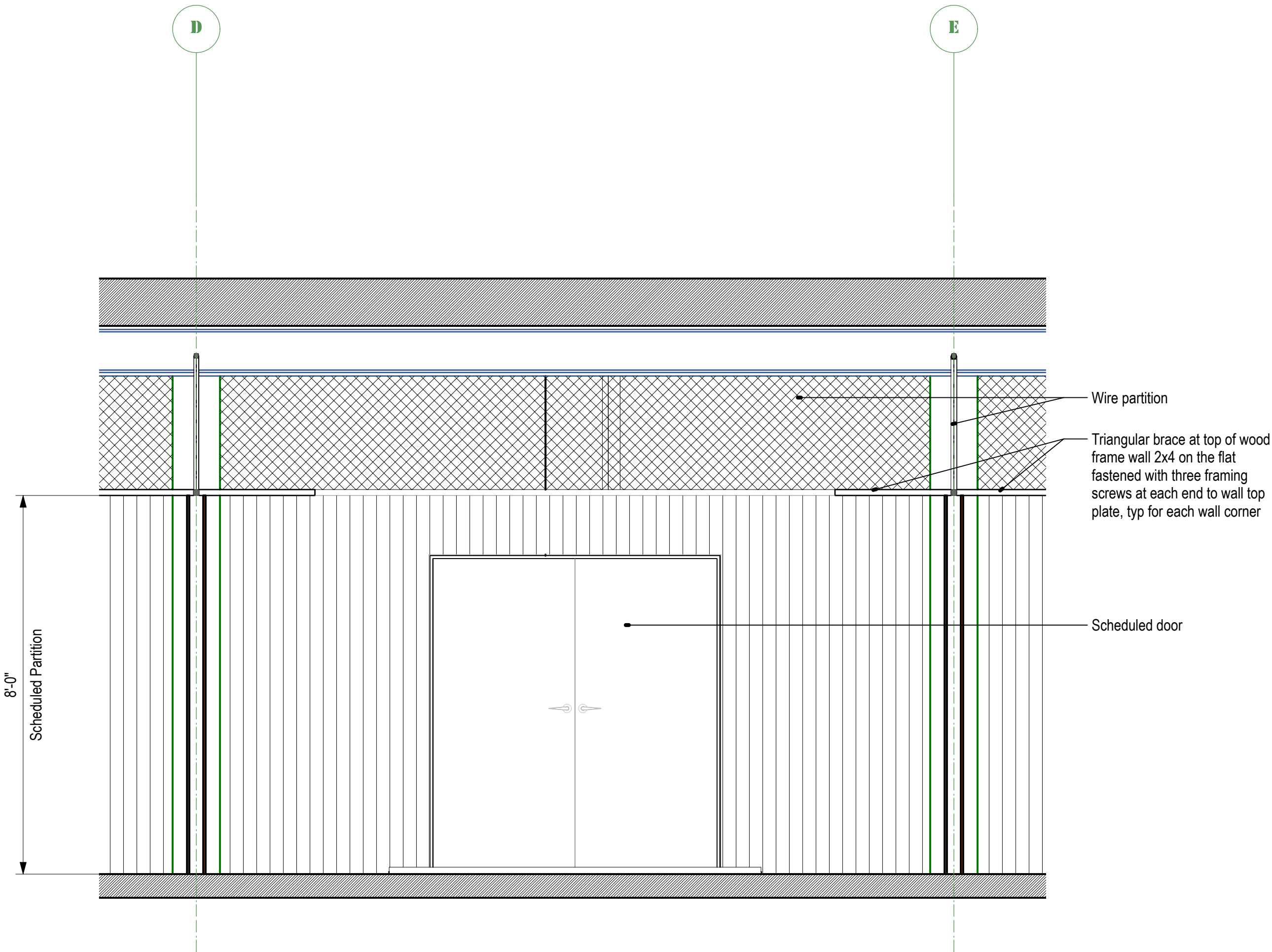
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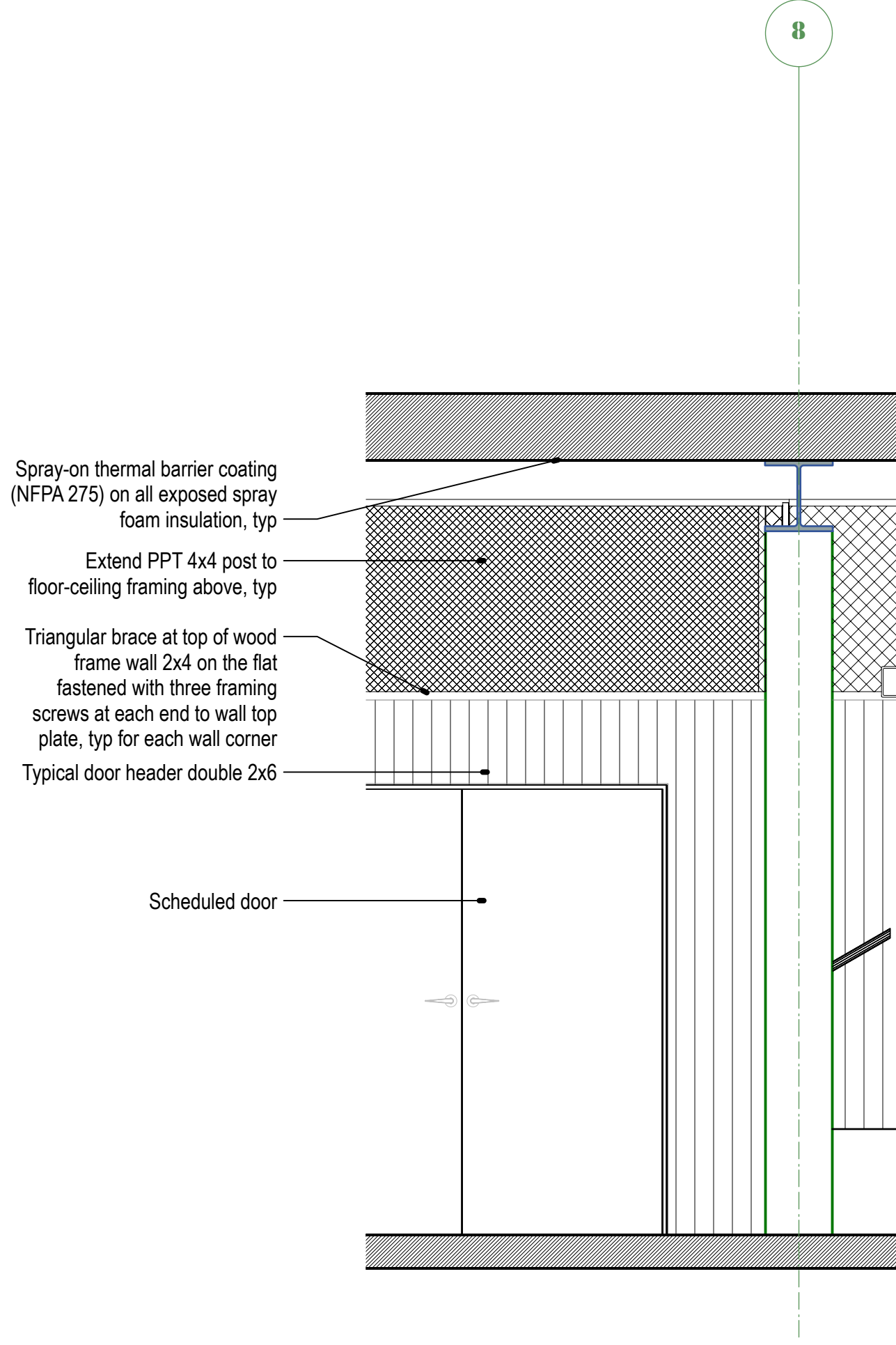
Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Enlarged Sections and Section Details

Project Manager	Project ID	24007
Drawn By	Scale	Sheet Scale
Reviewed By	Drawing No.	A 311
Date		29 May 2024
CAD File Name		24007 - Model.vwx



**1 ENLARGED WALL ELEVATION DETAIL**  
SCALE: 1/2" = 1'-0"



**2 SECTION DETAIL AT STORAGE DOOR**  
SCALE: 1/2" = 1'-0"





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Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Stair and Ramp 01 Plans, Sections  
Interior Elevations

Project Manager	Project ID
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Drawn By	Scale
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Reviewed By	Drawing No.
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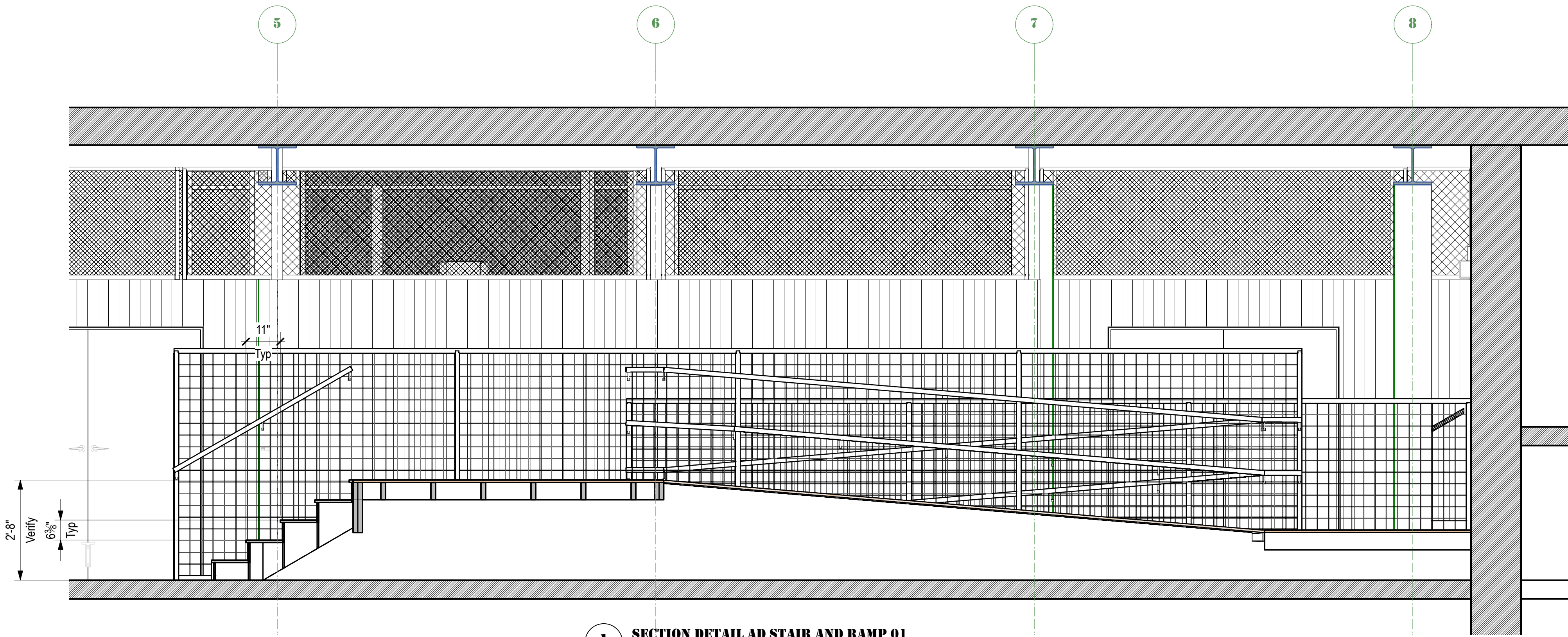
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CAD File Name	
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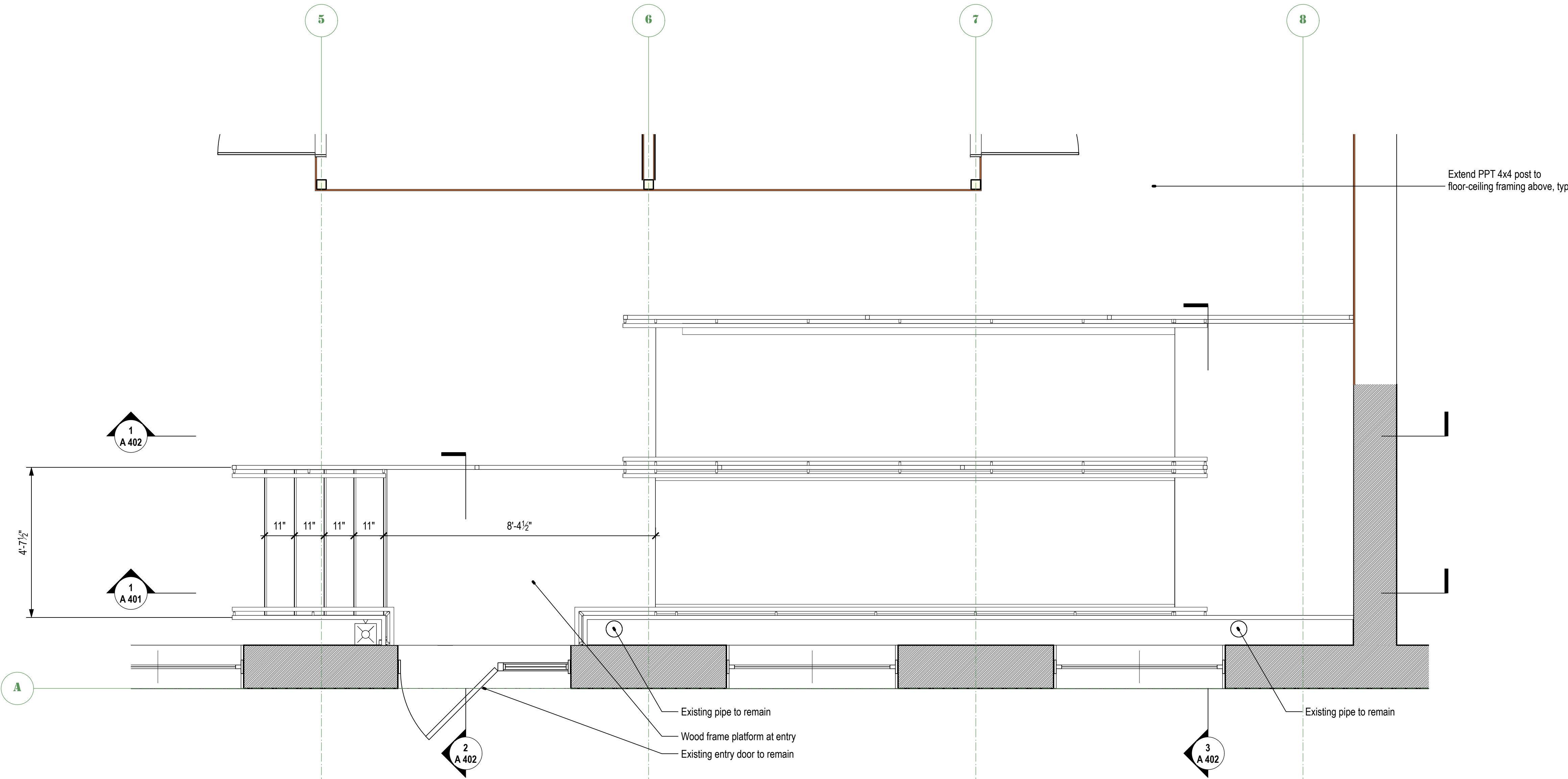
24007 - Model.vwx	
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**A 401**

of



**1 SECTION DETAIL AD STAIR AND RAMP 01**  
SCALE: 1/2" = 1'-0"



**2 ENLARGED PLAN - RAMPS AND STEPS 01**  
SCALE: 1/2" = 1'-0"

0 5 10 15 20 25 FT





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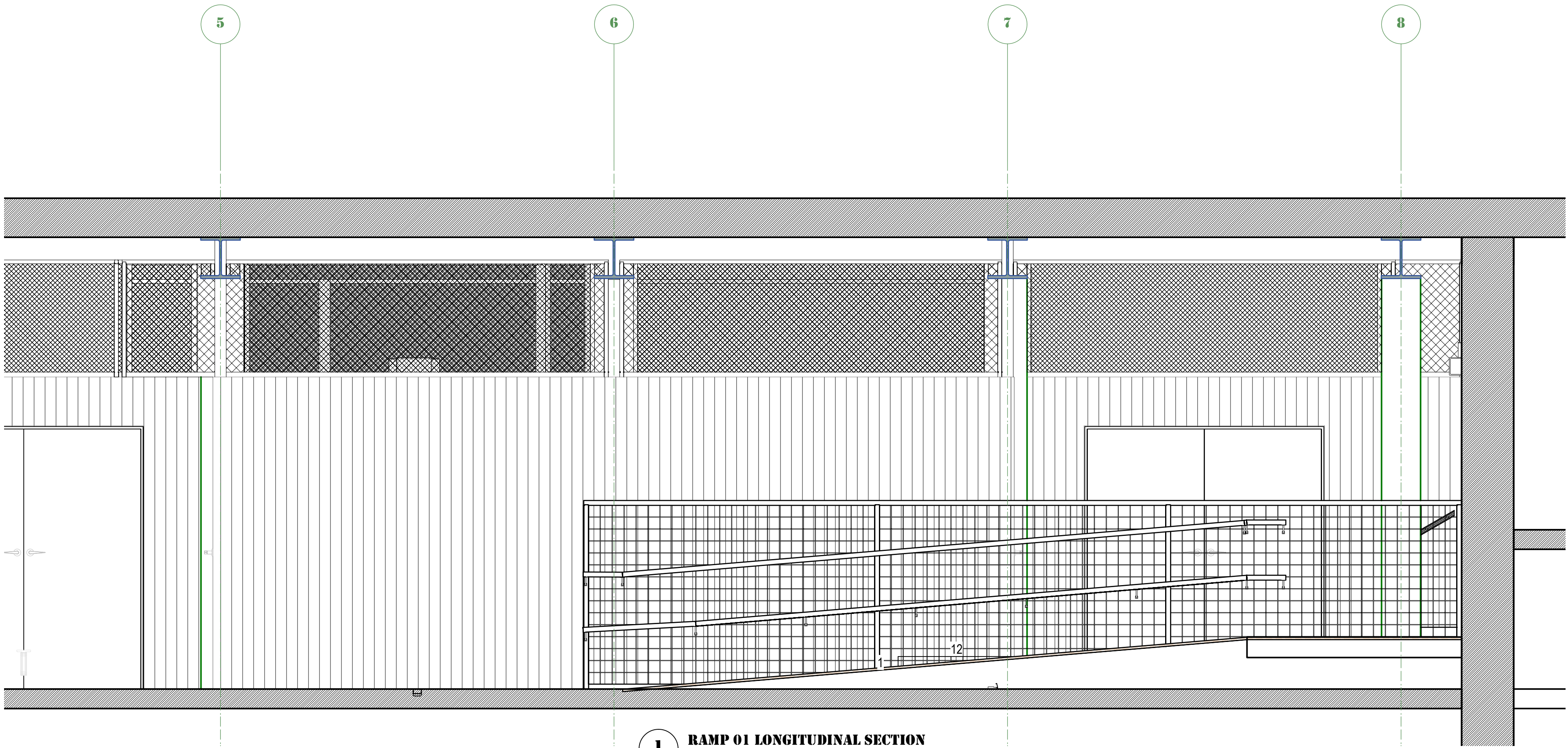
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Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Stair and Ramp 01 Sections  
Interior Elevations

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Reviewed By	Drawing No.	A 402
Date	29 May 2024	of
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Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Stair Plans, Sections, and Details  
Interior Elevations

Project Manager  
Project ID  
24007

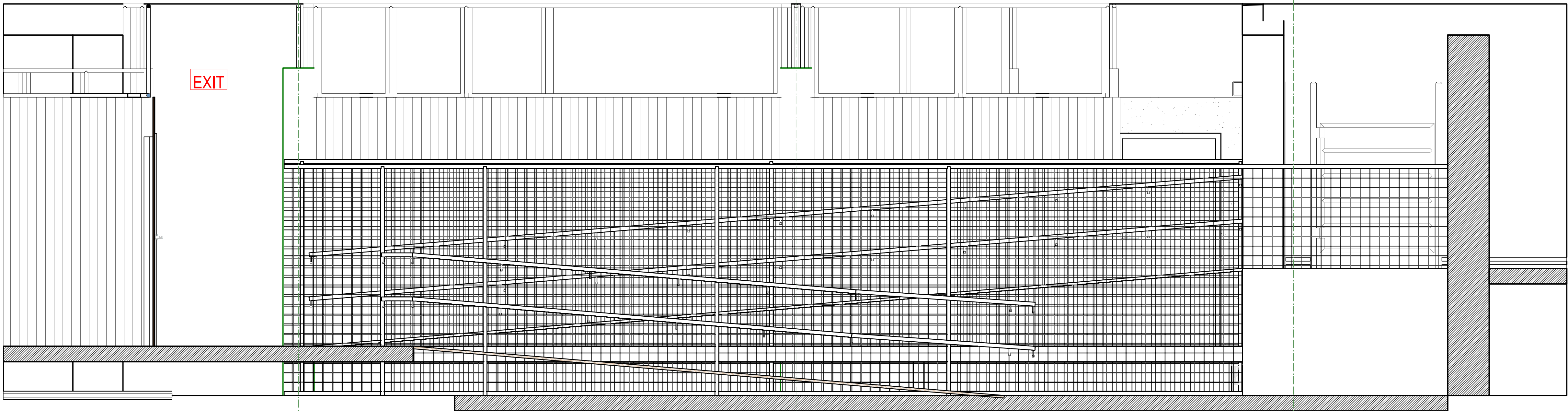
Drawn By  
BB  
Scale  
Sheet Scale

Reviewed By  
Date  
29 May 2024

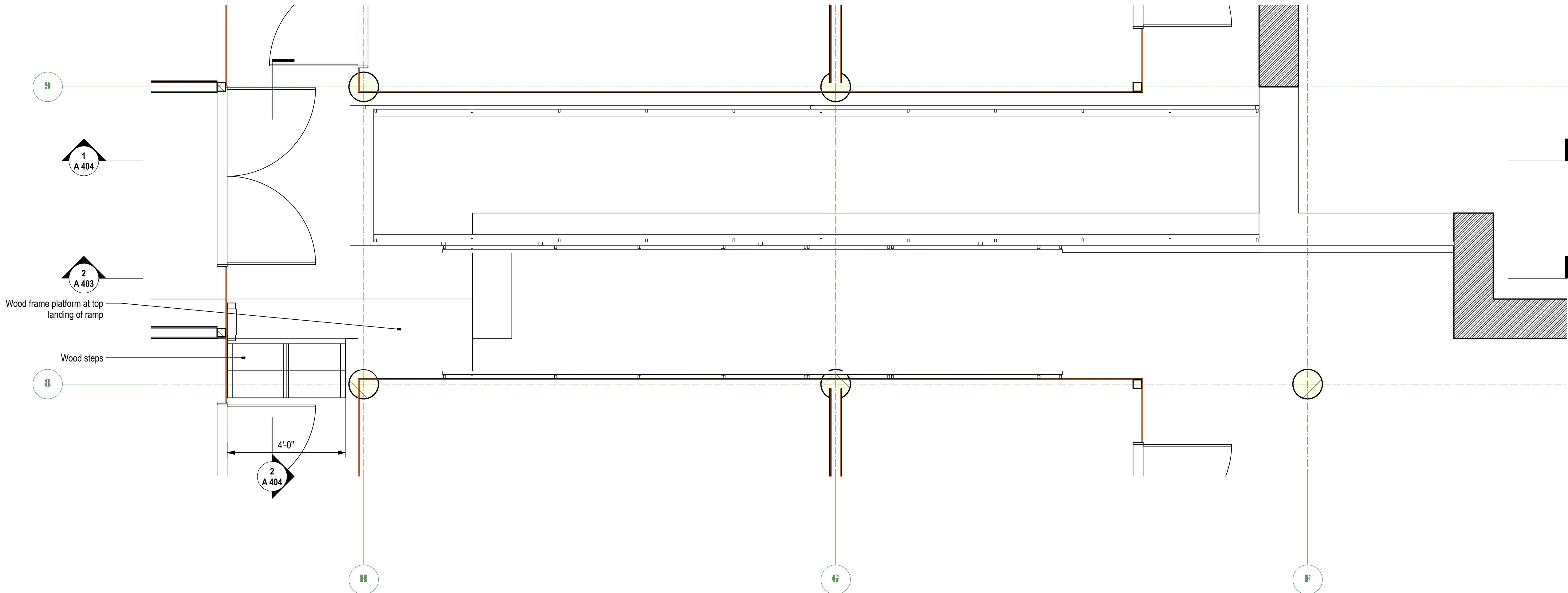
CAD File Name  
24007 - Model.vwx

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of



2 SECTION DETAIL - RAMP 02  
SCALE: 1/2" = 1'-0"



1 ENLARGED PLAN - RAMPS AND STEPS 02  
SCALE: 1/2" = 1'-0"







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No.	Date	Issue Notes

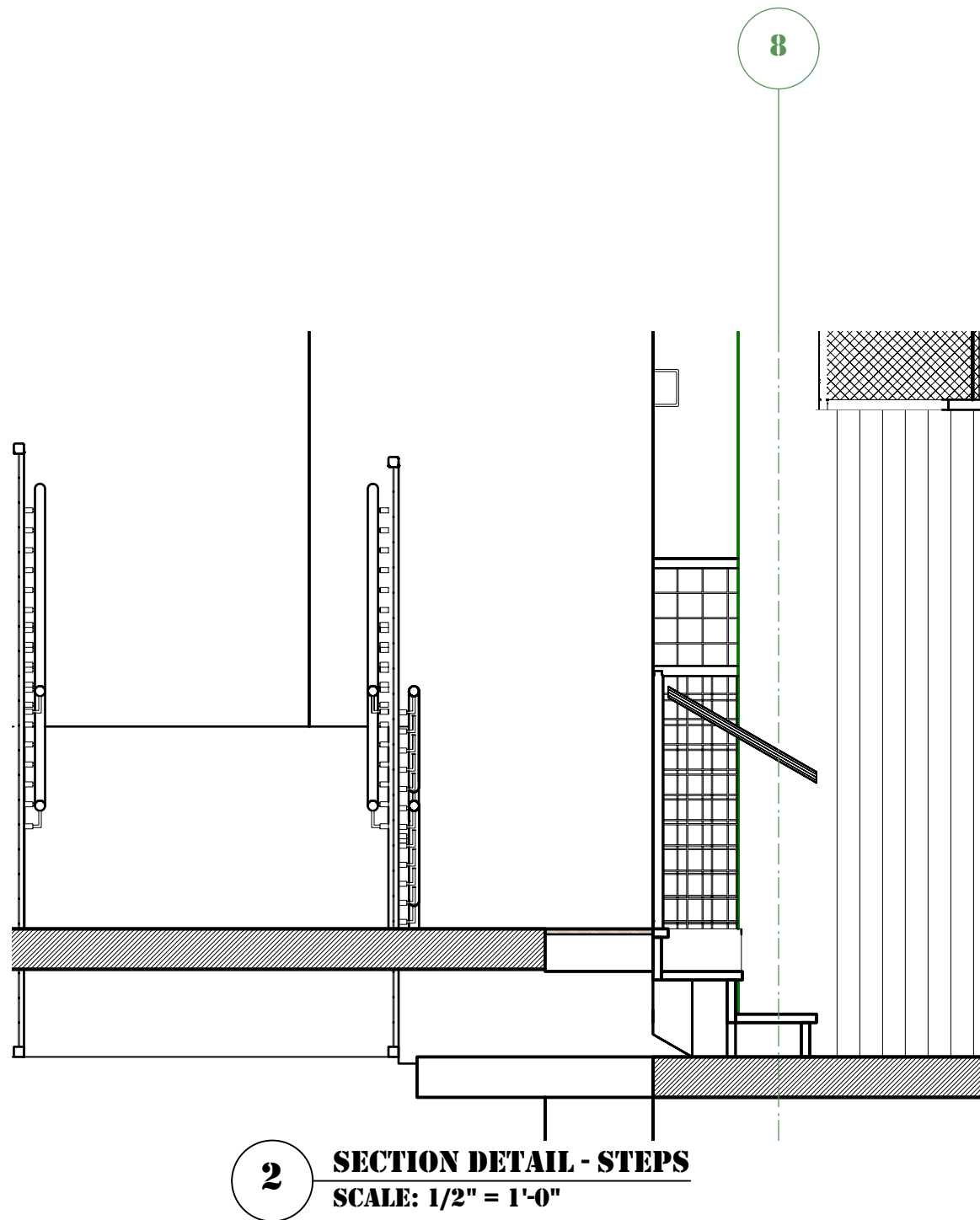
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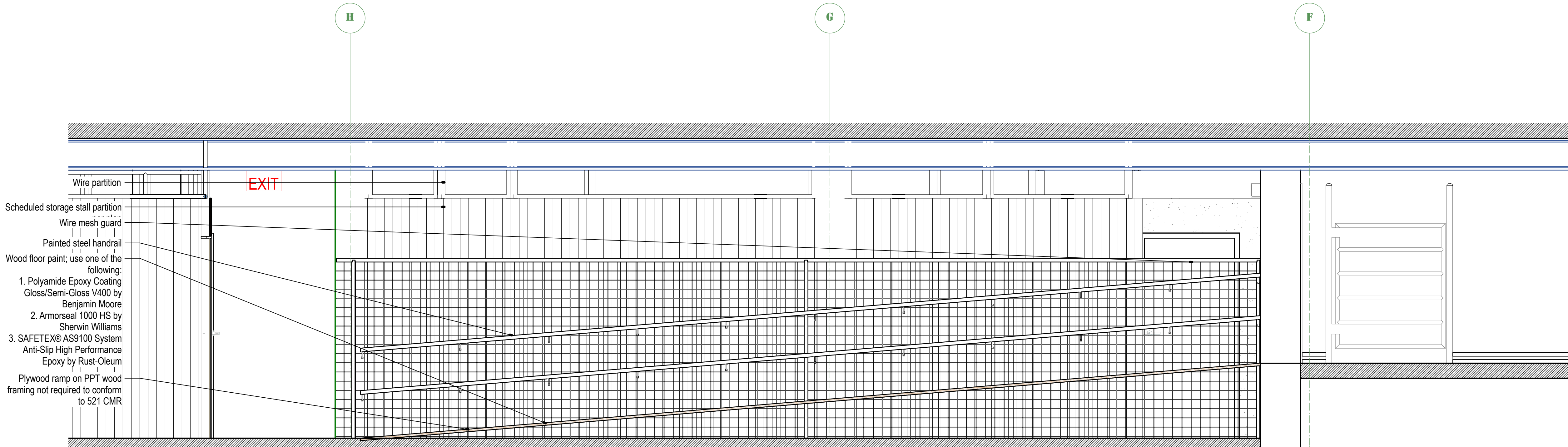
Project Title  
Pacific Mills Unit Hydro

Drawing Title  
Stair Plans, Sections, and Details  
Interior Elevations

Project Manager	Project ID	24007
Drawn By	Scale	Sheet Scale
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**2 SECTION DETAIL - STEPS**  
SCALE: 1/2" = 1'-0"



**1 SECTION DETAIL - RAMP 03**  
SCALE: 1/2" = 1'-0"





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[illegible]

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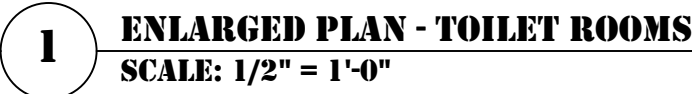
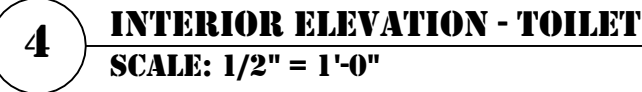
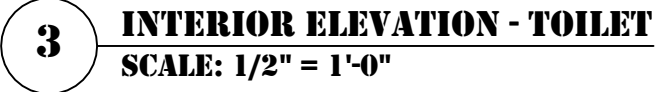
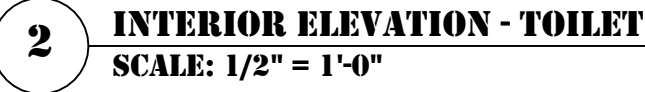
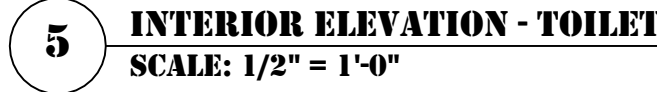
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Project Title	Pacific Mills Unit Hydro
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Project Manager	Project ID 24007
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Date \_\_\_\_\_ **A 451**

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- 
- A horizontal graphic scale bar with alternating black and white segments. It is marked with the numbers 0, 5, 10, 15, 20, and 25 FT.



Partition Types

1B

5/8" gyp board each side of 2x4 wood stud 16 inches on center max; mineral fiber sound blanket

1G

T1-11 board each side of 2x4 wood stud 16 inches on center max

1H

T1-11 board one side (corridor) of 2x4 wood stud 16 inches on center max

7B

Chase Enclosure; mineral fiber sound blanket

Note: all wall framing preservative tressure treated.

Storage Facility  
Pacific Mills Unit Hydro

No.	Date	Appr	Revision Notes

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No.	Date	Issue Notes

Design Firm

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Project Title

Pacific Mills Unit Hydro

Drawing Title

Partition Types  
Interior Elevations

Project Manager

Project ID

24007

Drawn By

BB

Scale

Sheet Scale

Reviewed By

Date

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CAD File Name

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Drawing No.

A 601

of

23010 - Door Types

6'-2"

6'-1½"

6'-8¾"

6'-9"

Door Type: S01 / Door Type: S02

Storage Stall Door: Single T1-11 leaf

Door Hardware: 7

3'-4½"

3'-4"

6'-10"

6'-10¼"

Door Type: 102

Door Hardware: DHW-01

3'-4½"

3'-4"

6'-10"

6'-10¼"

Door Type: 102

Door Hardware: DHW-001

Door Hardware Legend								
ID	Description	Hinge Qty	Hinge Type	Lock Basis-of-Design	Closer Basis-of-Design	Stop Basis-of-Design	Key Code	Notes
NA	NKD - Existing Door Hardware to Remain							
HDW-3	Passage lockset w/ closer	1 1/2 pair	Hager #1279	Schlage S10D x SAT x 626	"L.C.N. 40"" Regular Arm"	Ives #407 1/2 x US 26D	101D	brushed chrome finish
7	NKD - Storage Cube Door 01	3 per Leaf	Heavy Duty Strap Hinge	Storage Function	NA	NA		
DHW-01	NKD - Commercial Storage with Closer		Heavy Duty	Storage	LCN 4040			
DHW-001	NKD - Commercial Toilet with Closer	1 1/2 pair	Heavy Duty	Schlage ND Series Storage Function	LCN 4040XP Series Closer			

Storage Facility  
Pacific Mills Unit Hydro

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Date

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Project Title

Pacific Mills Unit Hydro

Drawing Title

Door Schedule  
Interior Elevations

Project Manager

Project ID 24007

Drawn By BB

Scale Sheet Scale

Reviewed By

Drawing No.

Date 29 May 2024

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