



PETERSHAM HISTORIC DISTRICT COMMISSION

3 South Main Street • P. O. Box 486 • Petersham, MA 01366-0486
978/724-3353 tel. • 978/724-3501 fax

Application for:

☒ **CERTIFICATE OF APPROPRIATENESS**

☐ **PERMIT FOR DEMOLITION OR REMOVAL**

Date: Feb. 25, 2019

Applicant: Town of Petersham Selectboard--
Handicap Access Committee for Town Hall
Address: Petersham Town Office
P.O. Box 486, 3 South Main Street, Petersham MA 01366
Telephone: 978-724-3353 e-mail: jclipp6@gmail.com (Committee chair)

Owner: Town of Petersham
Address: Town Office Building
P.O. Box 486, 3 South Main Street, Petersham MA 01366
Telephone: 978-724-3353 e-mail: _____

For property located at: Town Hall, 1 South Main Street, Petersham MA
Petersham parcel number: Parcel No. 26
☒ Building or Structure ☐ Sign or Billboard ☐ Other: _____

Describe project completely: *(Attach separate sheets as necessary)* **The Handicap Access Committee for Petersham Town Hall, appointed by the Selectboard, is proposing to lower the existing door at the southwest corner to grade. The project will involve installing a wheelchair lift inside, to permit wheelchair persons to access either the first (main) level or the basement level from exterior grade. The 1960 concrete foundation wall will be cut down for the door as needed. It is thought that a small roof over the new entrance might be appropriate; 3 roof options are submitted for consideration. The choice will impact the treatment of the window above. One adjacent handicapped parking space is also proposed; some minor regrading and leveling will be required.**

Pursuant to Chapter 211 of the Acts of 1966,

Massachusetts General Laws Chapter 40C and Article XII of the By-laws of the Town of Petersham:

Any person who desires to erect, build, construct, reconstruct, restore, alter, move, demolish, remove, or change an exterior architectural feature for which a Certificate of Appropriateness is required of any building or structure within the Historic District, or to erect within the Historic District a building, structure or sign for which a Certificate of Appropriateness is required, shall file with the Historic District Commission an application for a Certificate of Appropriateness or an Application for a Permit for Demolition or Removal, as the case may be, together with such plans, elevations, specifications, material and other information, as shall be deemed necessary by the Commission to enable it to make a determination on the application.

1. Attach all plans, specifications, descriptions, and any other material (including photographs).
2. Within fourteen (14) days after filing this application, the Historic District Commission will make a determination whether any external architectural features subject to approval are involved.
3. Should the Commission determine that no external architectural features subject to approval are involved; the Commission will issue a Certificate to that effect.
4. Should the Commission determine that external architectural features subject to approval are involved; the Commission shall hold a Public Hearing on the Application.
5. Following the Public Hearing and within forty-five (45) days after filing this application, the Commission shall make a determination of the Application.



P E T E R S H A M H I S T O R I C D I S T R I C T C O M M I S S I O N

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APPLICATION FOR A CERTIFICATE OR PERMIT

(Continued)

In passing on appropriateness, the Commission shall consider, among other things, the historic value and significance of the site, building, or structure, the general design, arrangement, texture, material and color of the features involved, and the relation of such factors to similar factors of sites, buildings and structures in the immediate surroundings. The Commission shall consider the appropriateness of the size and shape of the building or structure in relation to the land area upon which the building or structure is situated and to the neighboring sites, buildings, or structures within the district. The Commission shall also consider the applicable zoning and other By-laws of the town.

Architect: Cynthia Larson, Centrepont Architects

Address: 561 Windsor Street A404
Somerville MA 02143

Telephone: 617.718.9707 e-mail: clarson@centrepontarchitects.com

Contractor: Clearview Contracting

Address: 15 North Main Street
Petersham MA 01366

Telephone: 617-301-3972 e-mail: stephenkieras@gmail.com

X Photographs X Plans, elevations, and sections ☐ Illustrations ☐ Material samples

X Sketch or Drawing ☐ Site or Plot Plan ☐ Material specifications and information

☐ Other: _____

- ☒ Contact the Historic District Commission before you file this Application. The Commission can help you with your project by describing work that requires a Certificate or Permit, whether you need to apply, the type of work that is likely to be approved, and other helpful information.
- ☒ Describe the work as completely as possible.
- ☒ For minor alterations, please submit a sketch or drawing to scale showing the location.
- ☒ For all new construction including additions, please submit views drawn to scale of all visible exterior elevations, applicable floor plans, explanatory notes, sections, and details of architectural features including trim, doors, and windows. Include a plot plan showing existing structures and the location of the proposed construction.
- ☒ For signs, please submit a scale drawing of the proposed design, representation of lettering style, description of material to be used, sketch or drawing of the location on a building, and a plot plan for free standing signs showing the location in relation to other structures.
- ☒ Photographs of existing conditions are very helpful.
- ☒ Include any additional drawings, diagrams, product samples, information, and photographs.

The Historic District Commission shall charge the Applicant for all reasonable fees necessary to render an informed decision, including, but not limited to: consulting fees, stenographic fees, production and reproduction fees.

The Applicant will be notified in writing of the same (including the approximate costs involved) not later than one week prior to any Public Hearing. All funds will be held in escrow and shall be duly accounted for. Deliver this Application to the Historic District Commission. A Certificate is required before all other applicable Town permits can be issued. Beginning work prior to receiving an HDC Certificate can cause the project to be stopped.

Applicant's Signature _____ Owner's Signature _____



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Project Description (*continued from page 1 -- add additional pages as needed*):



Front (South) elevation; door to be altered is around the corner on the right



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Existing southwest corner, showing the existing door to be altered.



View west along south side of Town Hall; door to be altered is visible in distance at the top of the driveway. Town Office Building is at left.

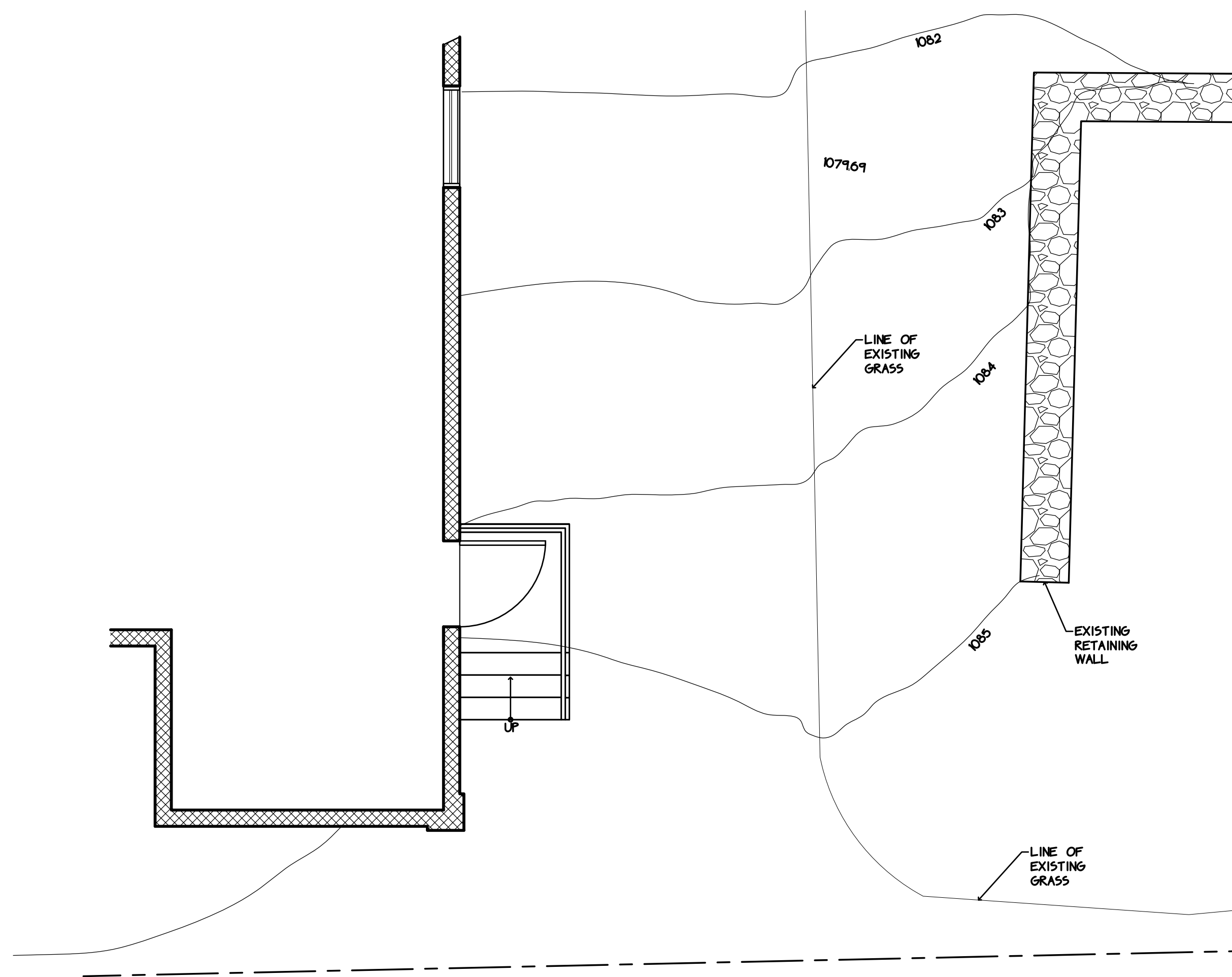


PETERSHAM HISTORIC DISTRICT COMMISSION

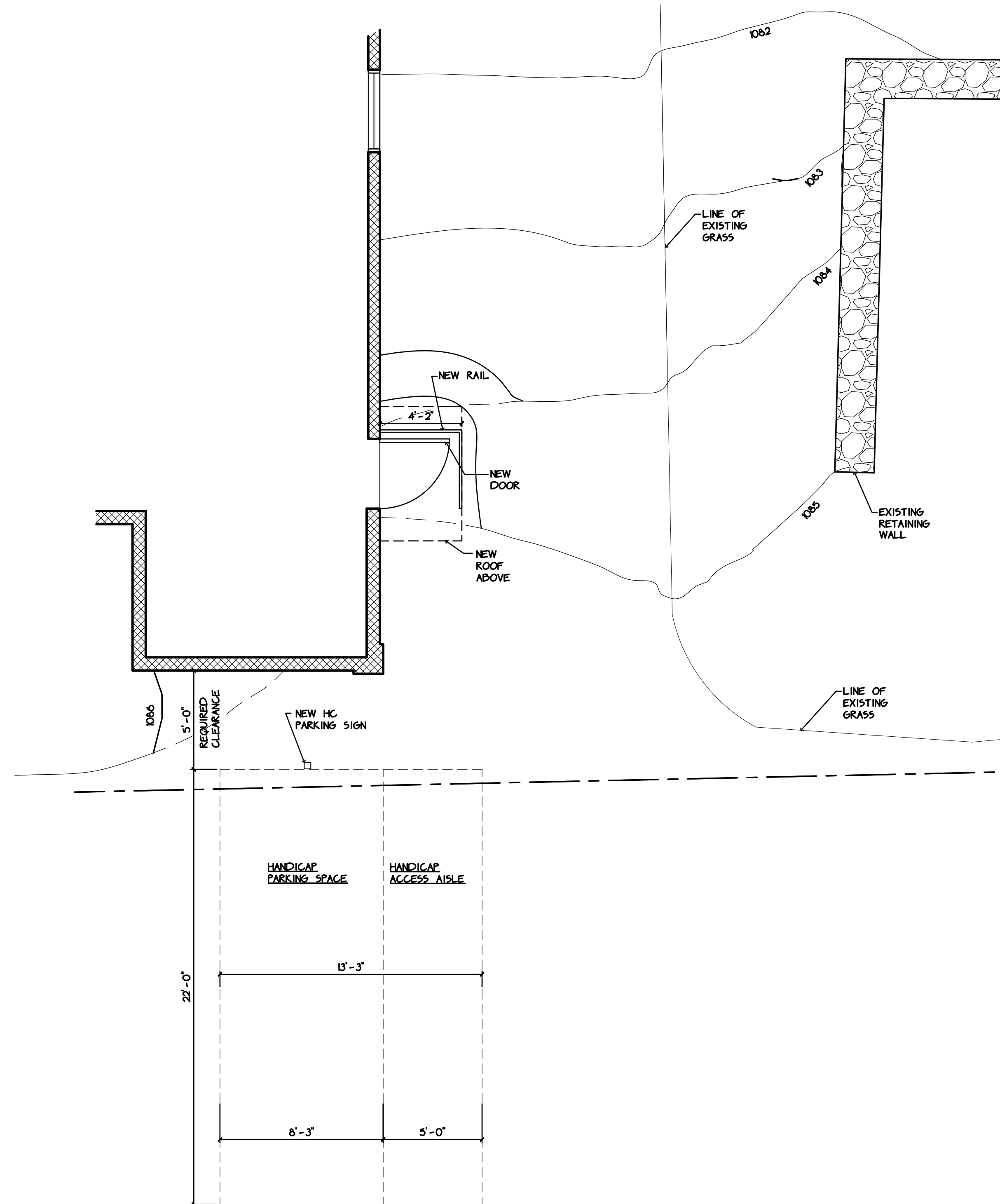
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978/724-3353 tel. • 978/724-3501 fax



**Similar installation: Handicapped lift entrance on south side of
the Unitarian Church in Petersham,
directly across the Common from the Town Hall.**



1 Existing Site Plan
Scale: 1/4" = 1'-0"



2 Proposed Site Plan
Scale: 1/4" = 1'-0"

ARCHITECT:

CENTREPOINT
ARCHITECTS

561 Windsor Street A404
Somerville, MA 02143 t: 617.718.9707

OWNER:

Town of Petersham, MA
17 South Main Street
Petersham, MA 01366

Petersham Town Hall

17 South Main Street
Petersham, MA

Historic Permit

| No. | ISSUE | DATE |
|-----|--------------------|------------|
| 01 | Design Development | 02.25.2019 |
| 02 | Historic | 04.2019 |
| | | |
| | | |
| | | |
| | | |

PROJECT #:

10219

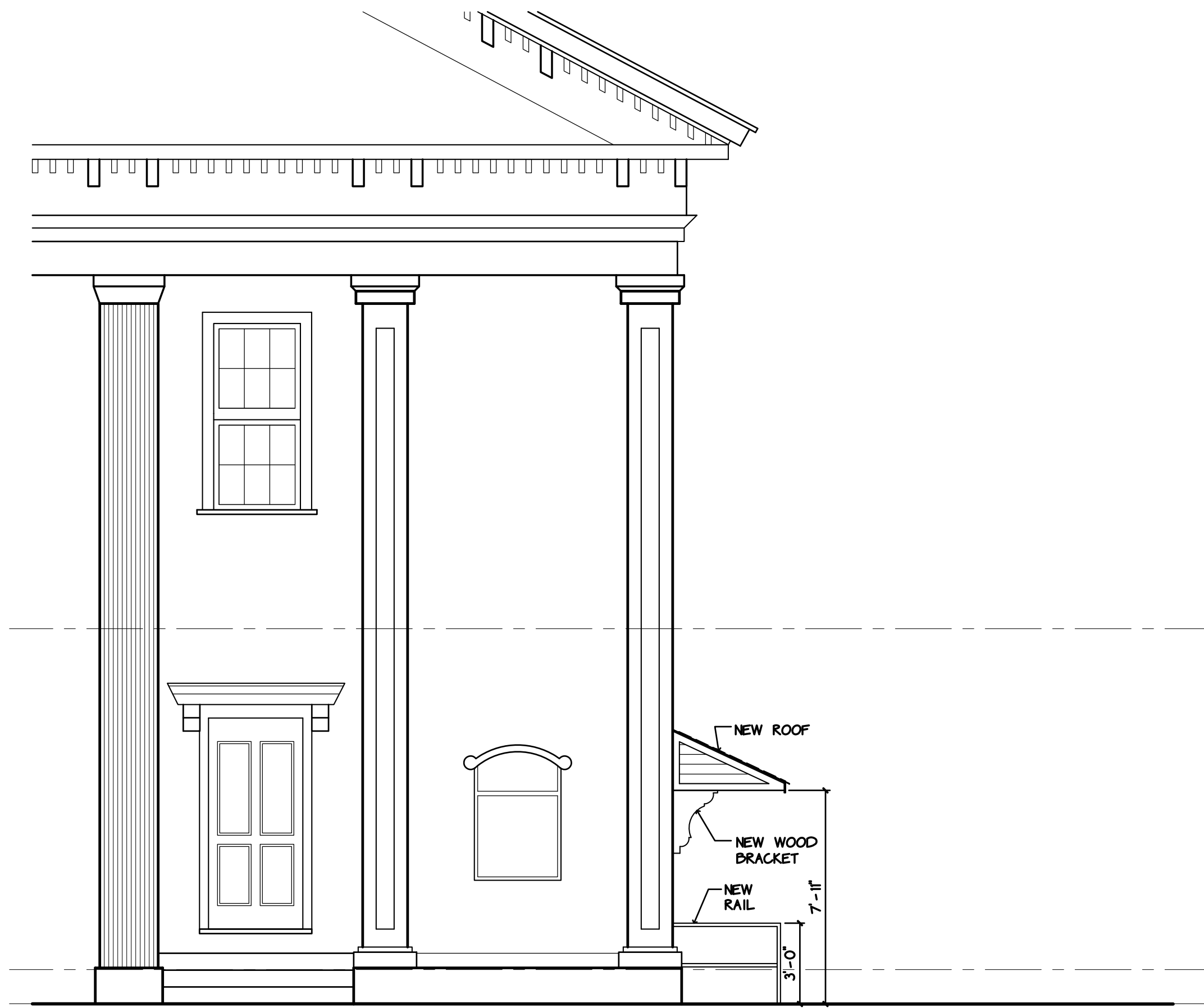
DRAWING TITLE:

Site Plan

A1.0



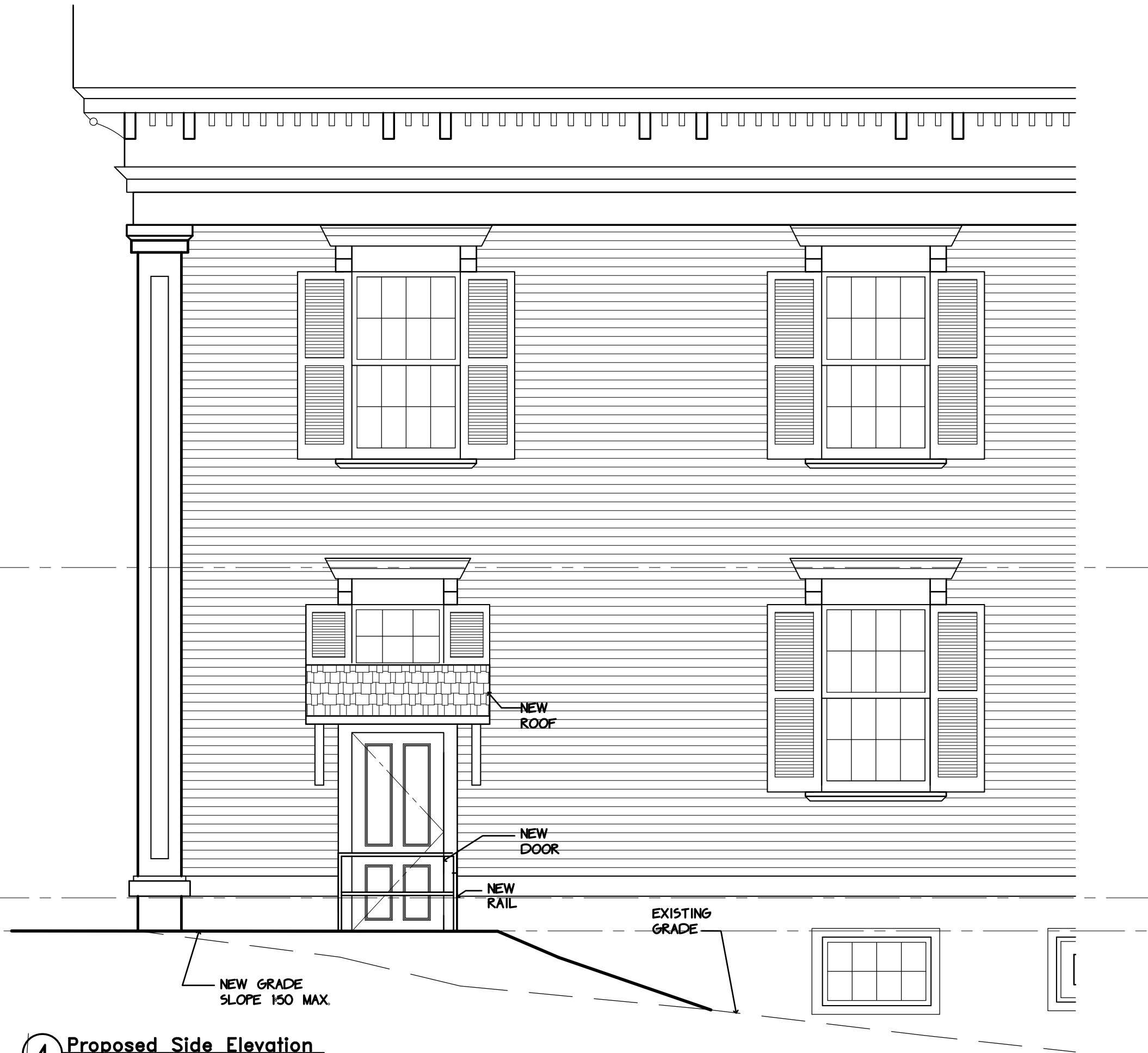
1 Existing Front Elevation
Scale: 1/4" = 1'-0"



3 Proposed Front Elevation
Scale: 1/4" = 1'-0"



2 Existing Side Elevation
Scale: 1/4" = 1'-0"



4 Proposed Side Elevation
Scale: 1/4" = 1'-0"

ARCHITECT:

CENTREPOINT
ARCHITECTS

561 Windsor Street A404
Somerville, MA 02143 t: 617.718.9707

OWNER:

Town of Petersham, MA
17 South Main Street
Petersham, MA 01366

Petersham
Town Hall

17 South Main Street
Petersham, MA

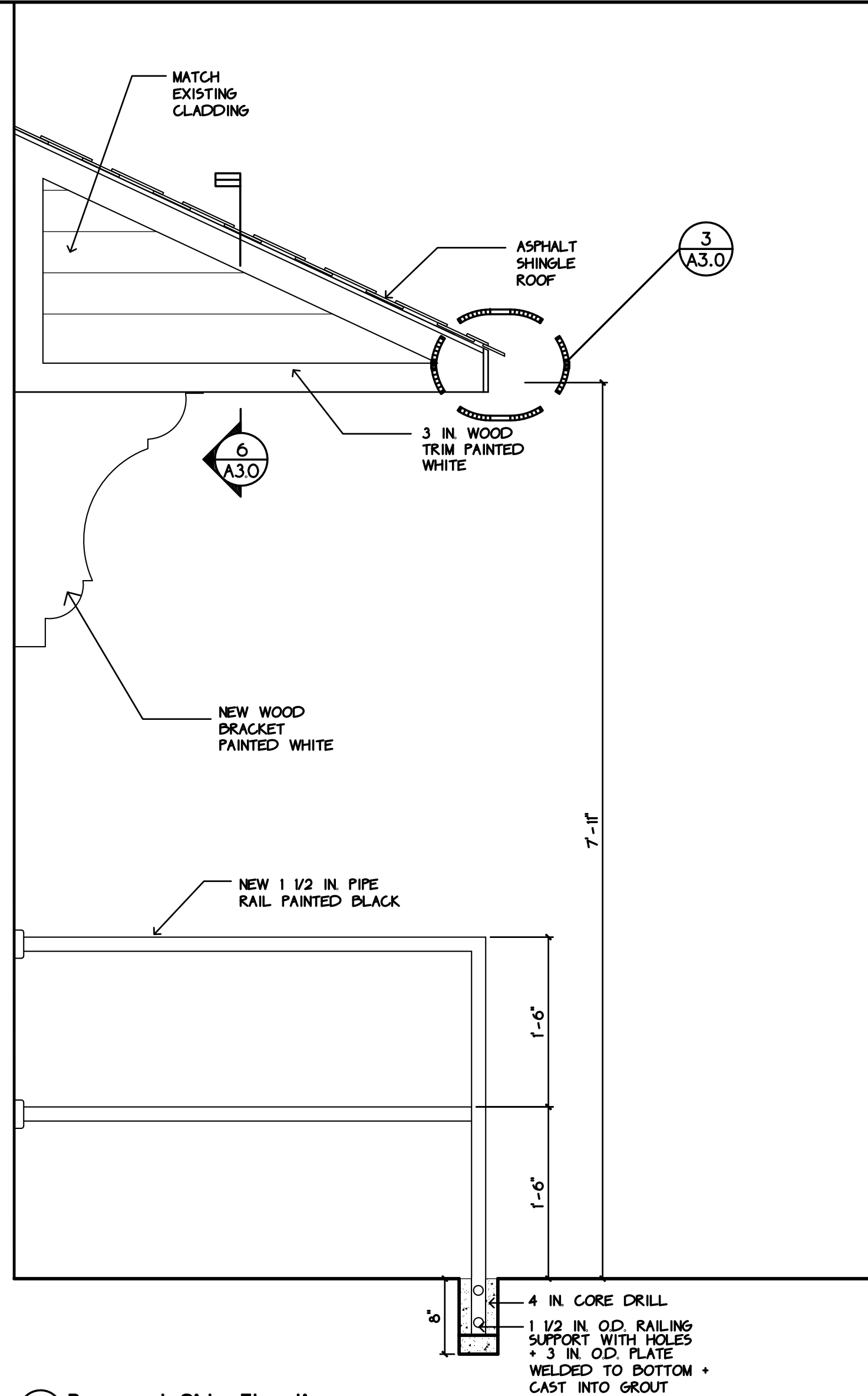
Historic Permit

| No. | ISSUE | DATE |
|-----|--------------------|------------|
| 01 | Design Development | 02.25.2019 |
| 02 | Historic | 03.04.2019 |
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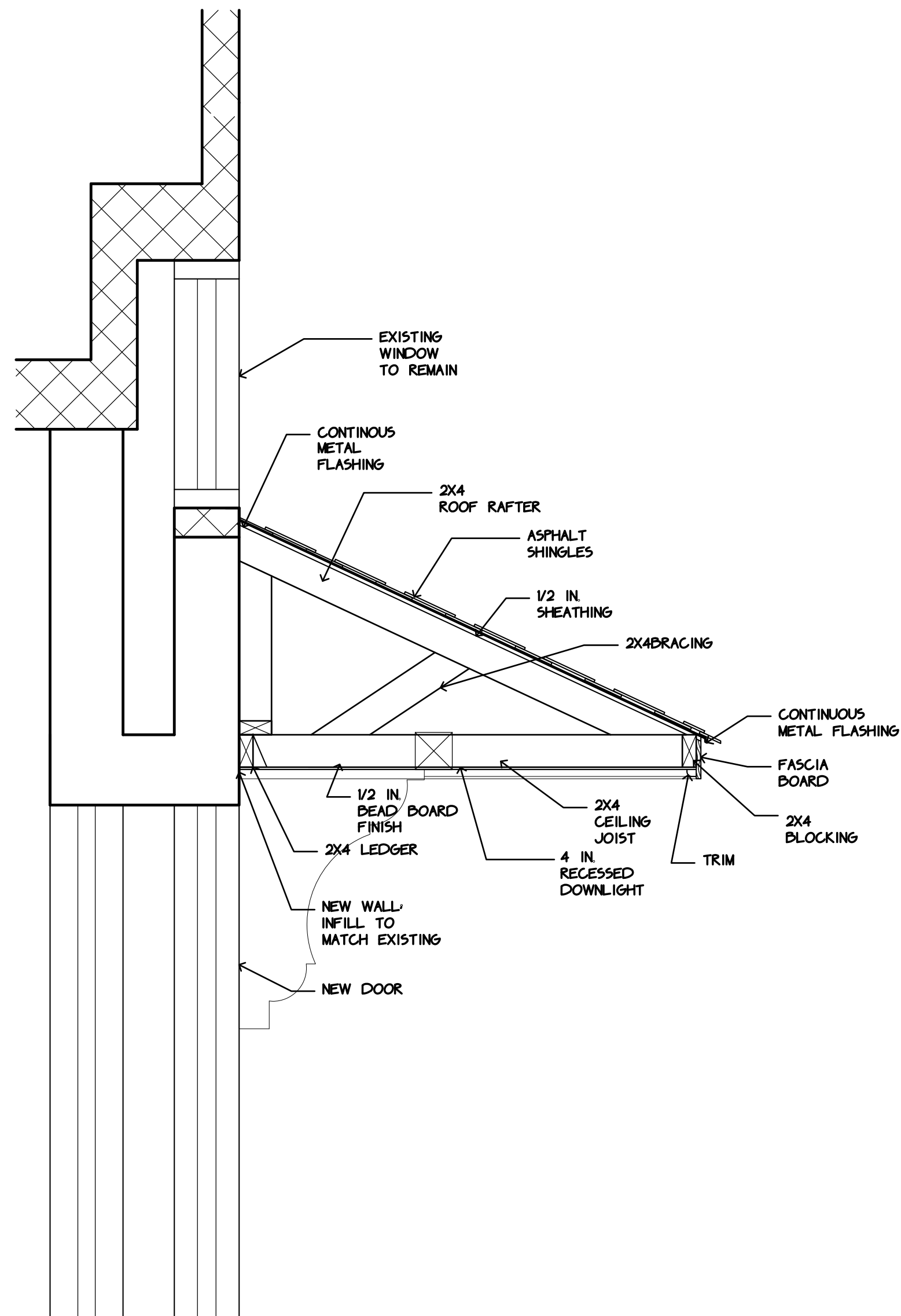
PROJECT #: 10219

DRAWING TITLE:
Elevations

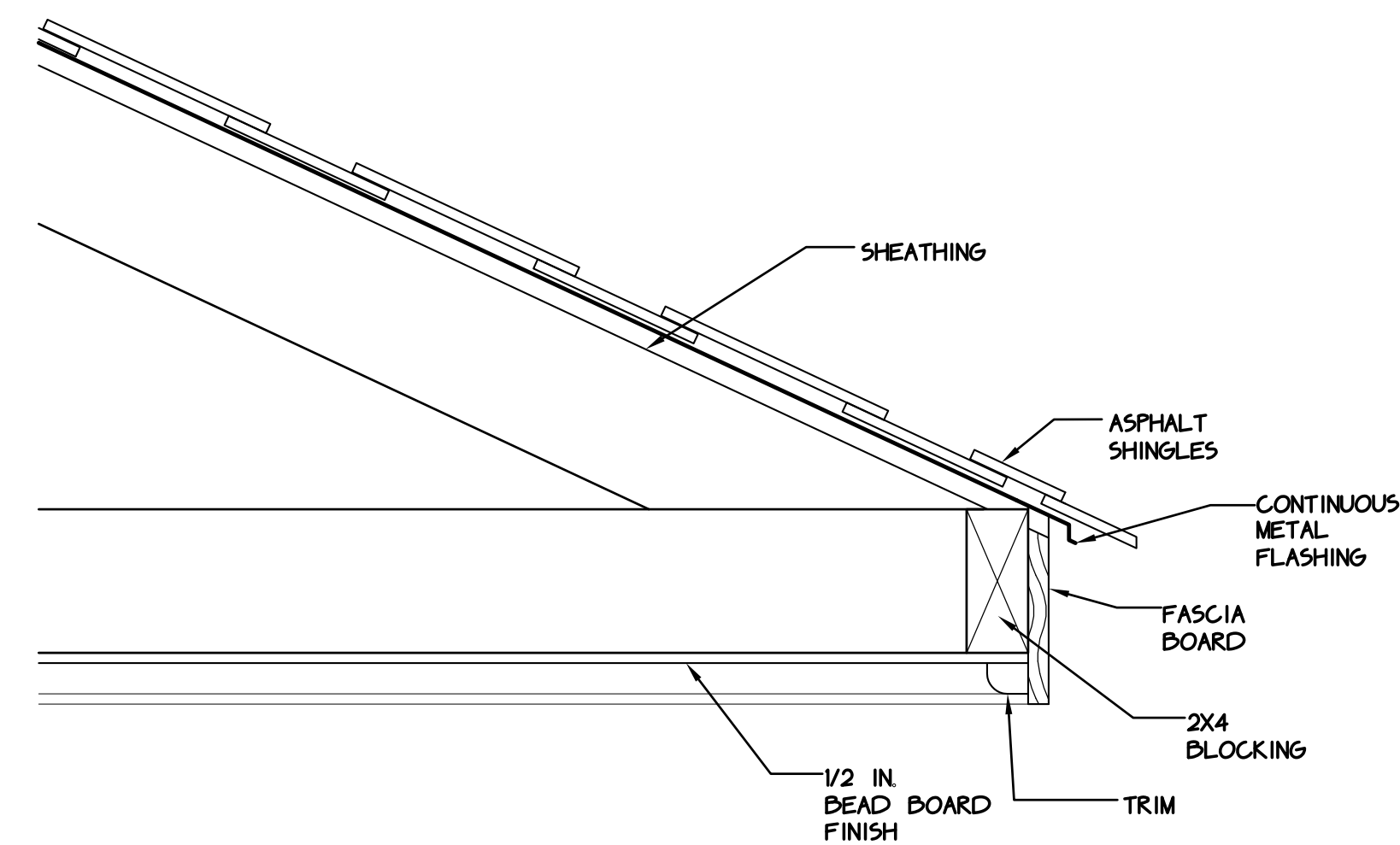
A2.0



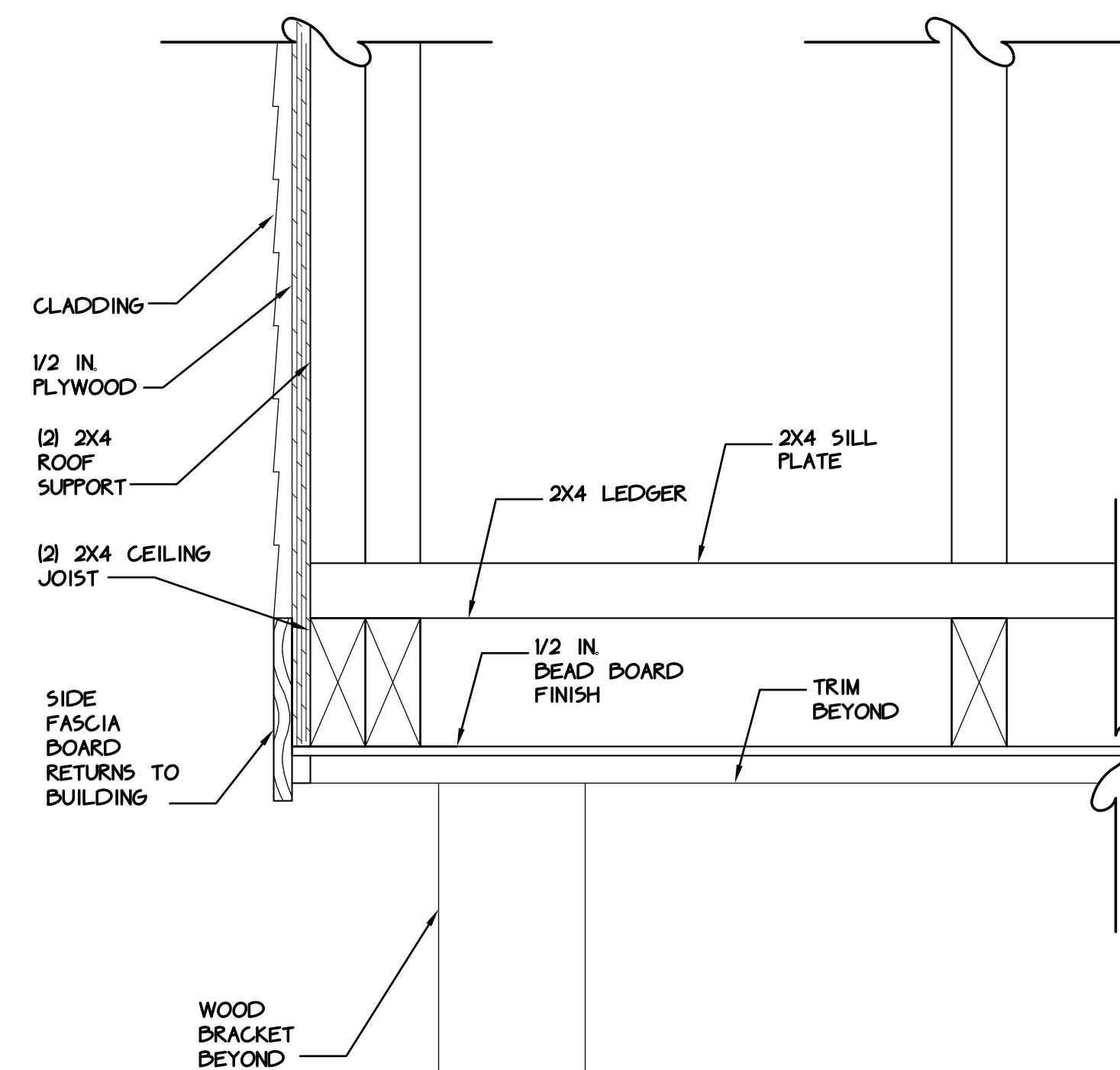
1 Proposed Side Elevation
Scale: 1" = 1'-0"



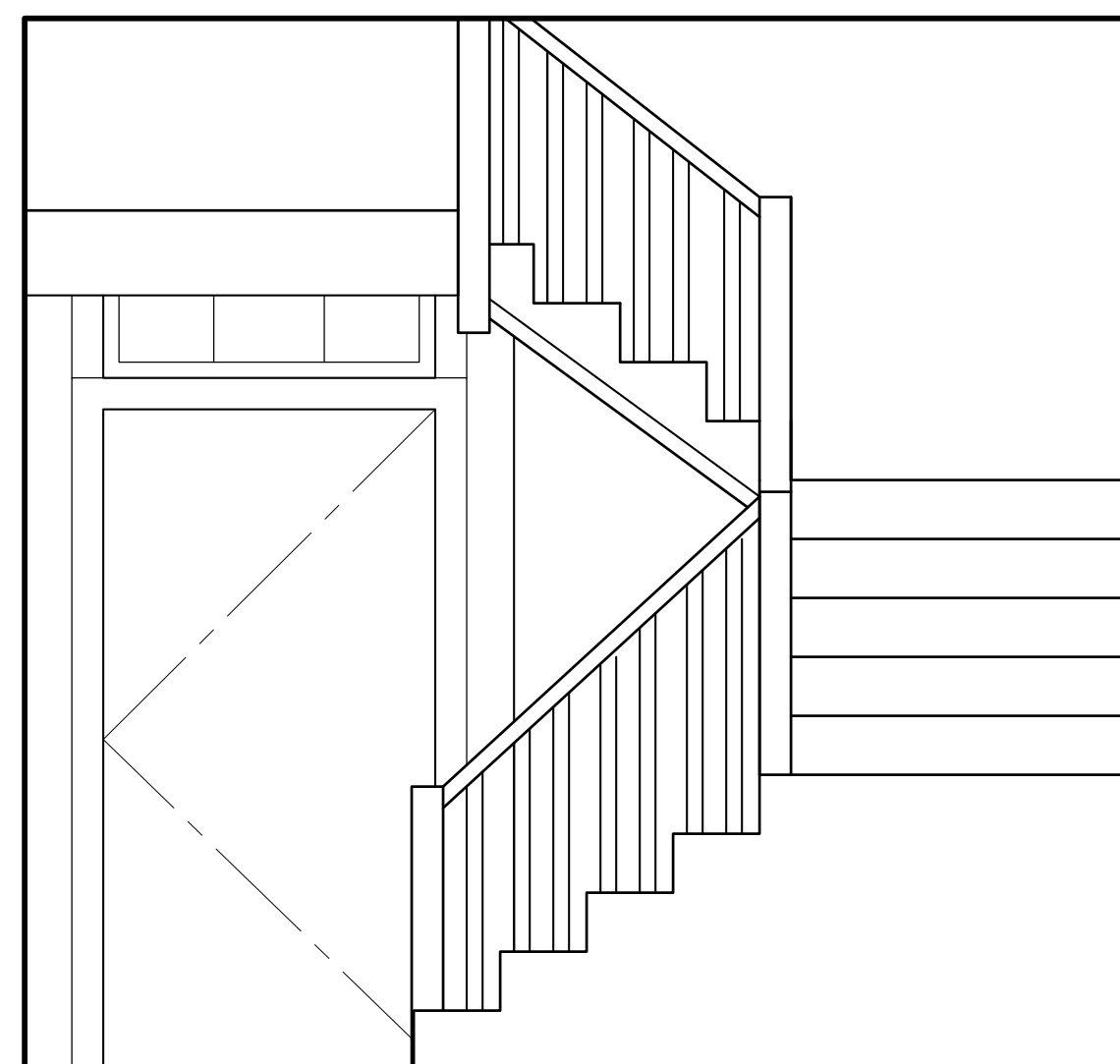
2 New Roof Detail
Scale: 1" = 1'-0"



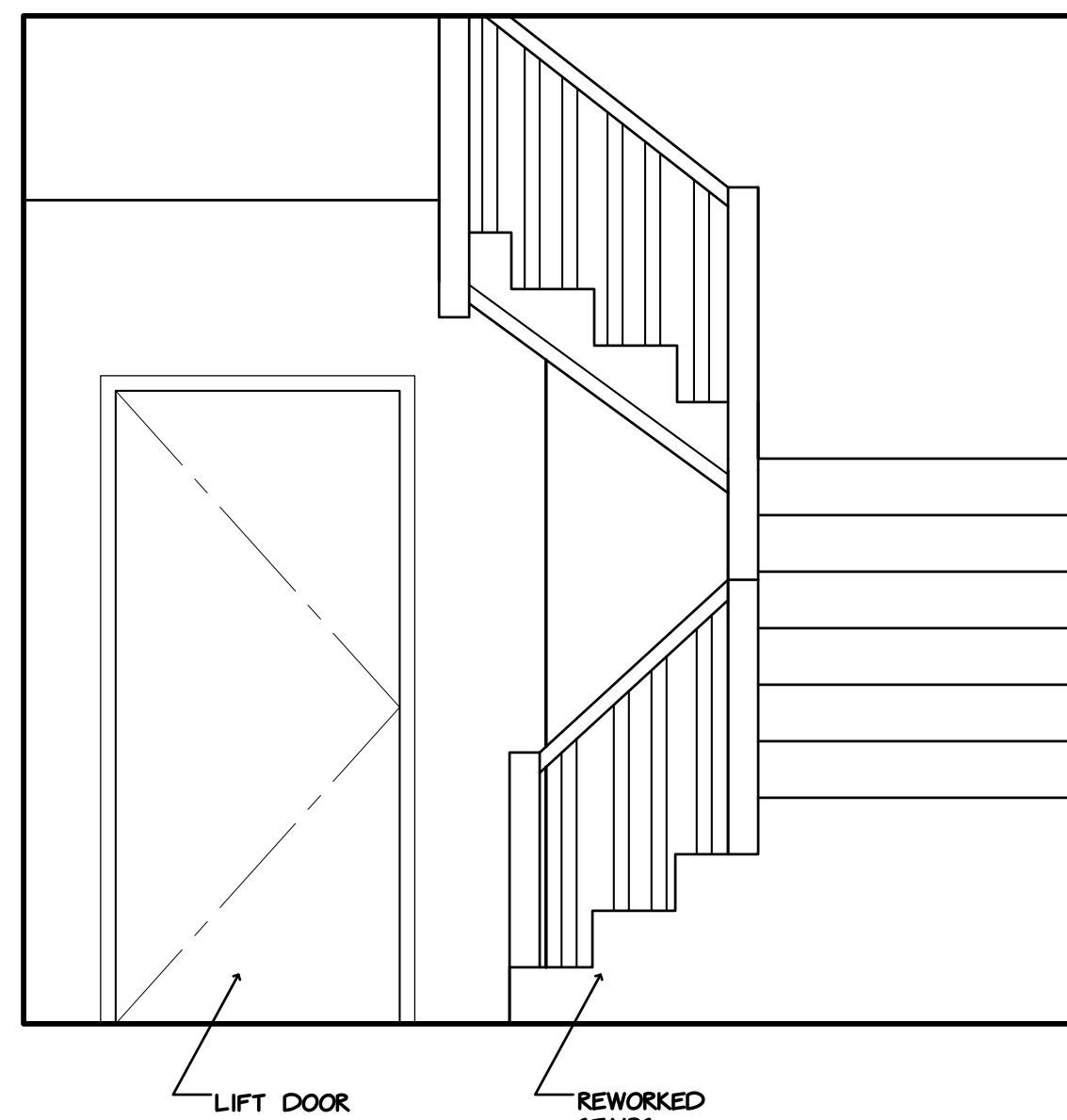
3 Eave Detail
Scale: 3" = 1'-0"



6 Roof Detail at Return
Scale: 3" = 1'-0"



4 Existing Interior Elevation
Scale: 1/2" = 1'-0"



5 Proposed Interior Elevation
Scale: 1/2" = 1'-0"

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CENTREPOINT
ARCHITECTS

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Somerville, MA 02143 T: 617.718.9707

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17 South Main Street
Petersham, MA 01366

Petersham
Town Hall

17 South Main Street
Petersham, MA

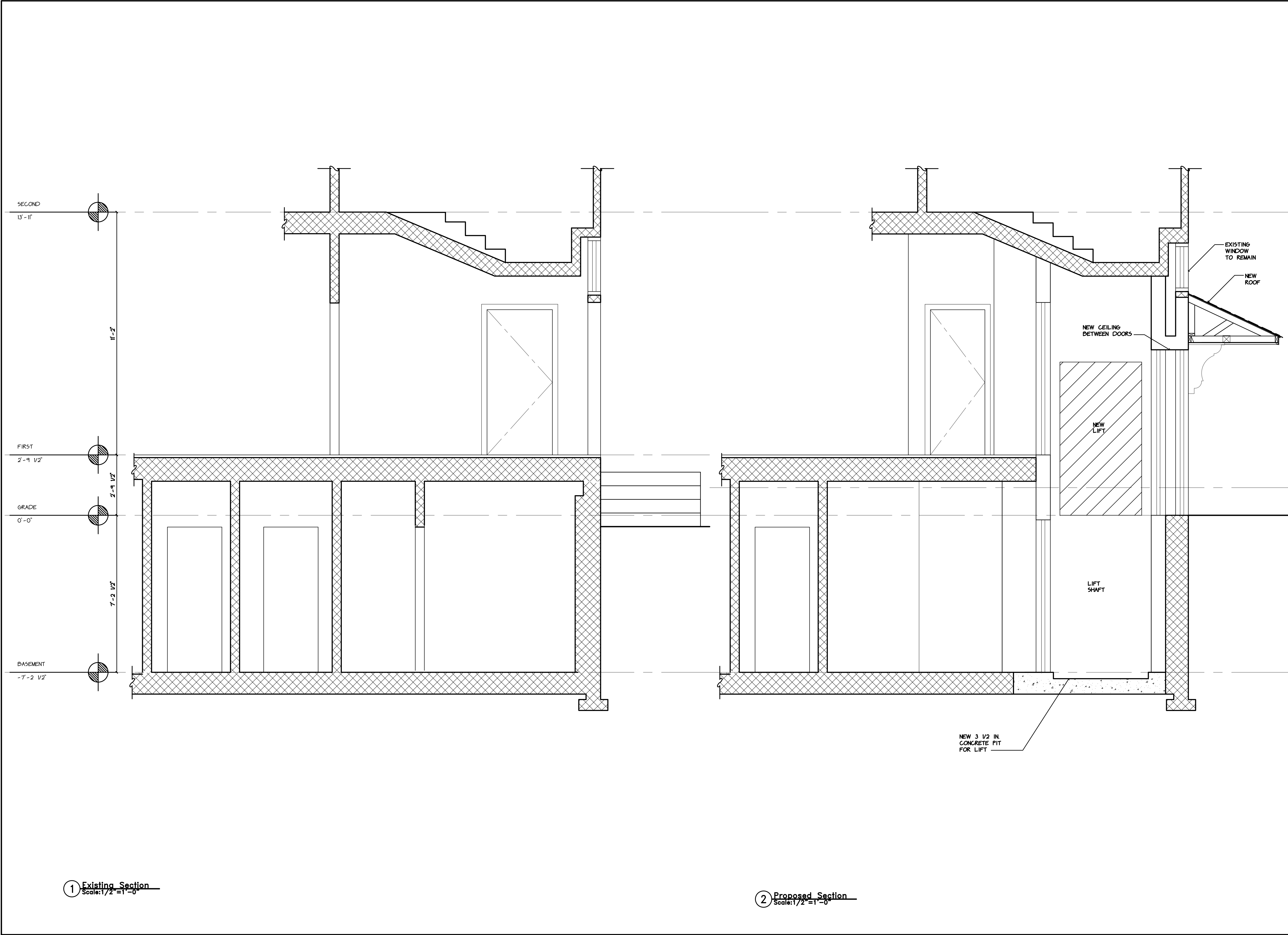
Historic Permit

| No. | ISSUE | DATE |
|-----|--------------------|------------|
| 01 | Design Development | 06.25.2019 |
| 02 | Historic | 03.04.2019 |
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PROJECT #:
10219

DRAWING TITLE:
Details + Interior Elevations

A3.0



ARCHITECT:

CENTREPOINT
ARCHITECTS

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Somerville, MA 02143 t:617.718.9707

OWNER:

Town of Petersham, MA
17 South Main Street
Petersham, MA 01366

Petersham Town Hall

17 South Main Street
Petersham, MA

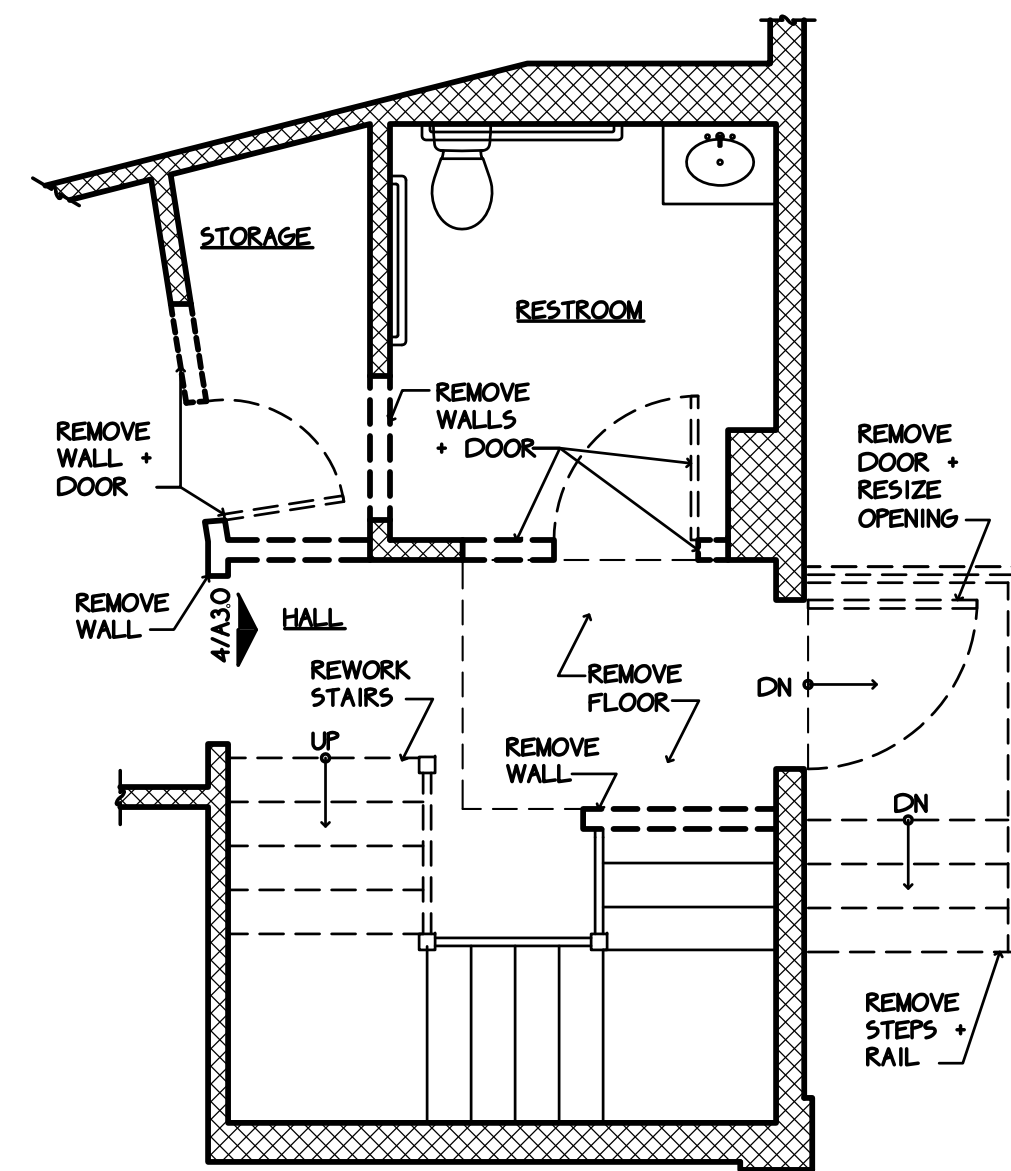
Historic Permit

| No. | ISSUE | DATE |
|-----|--------------------|------------|
| 01 | Design Development | 02.25.2019 |
| 02 | Historic | 03.04.2019 |
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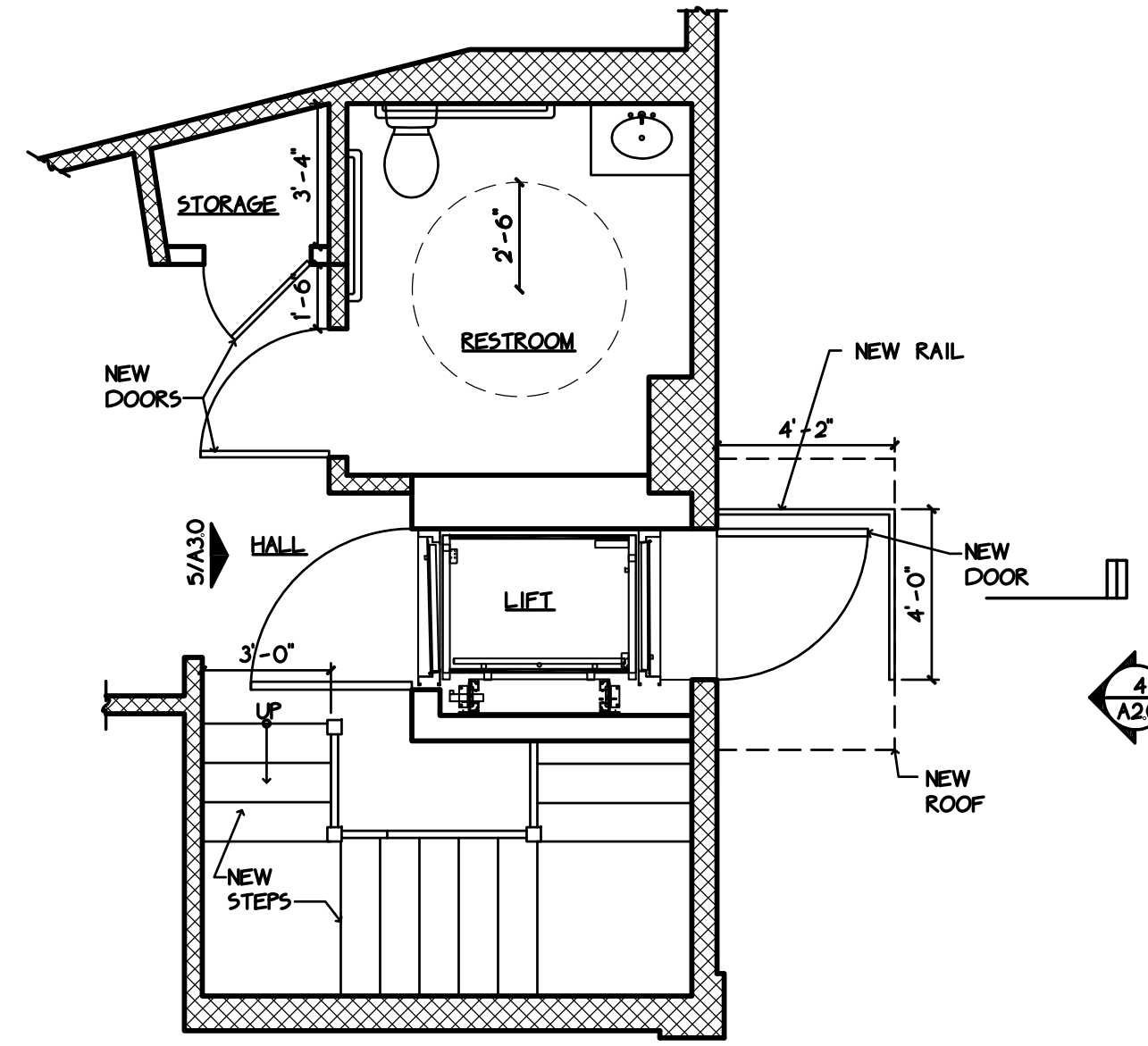
PROJECT #: 10219

DRAWING TITLE:
Sections

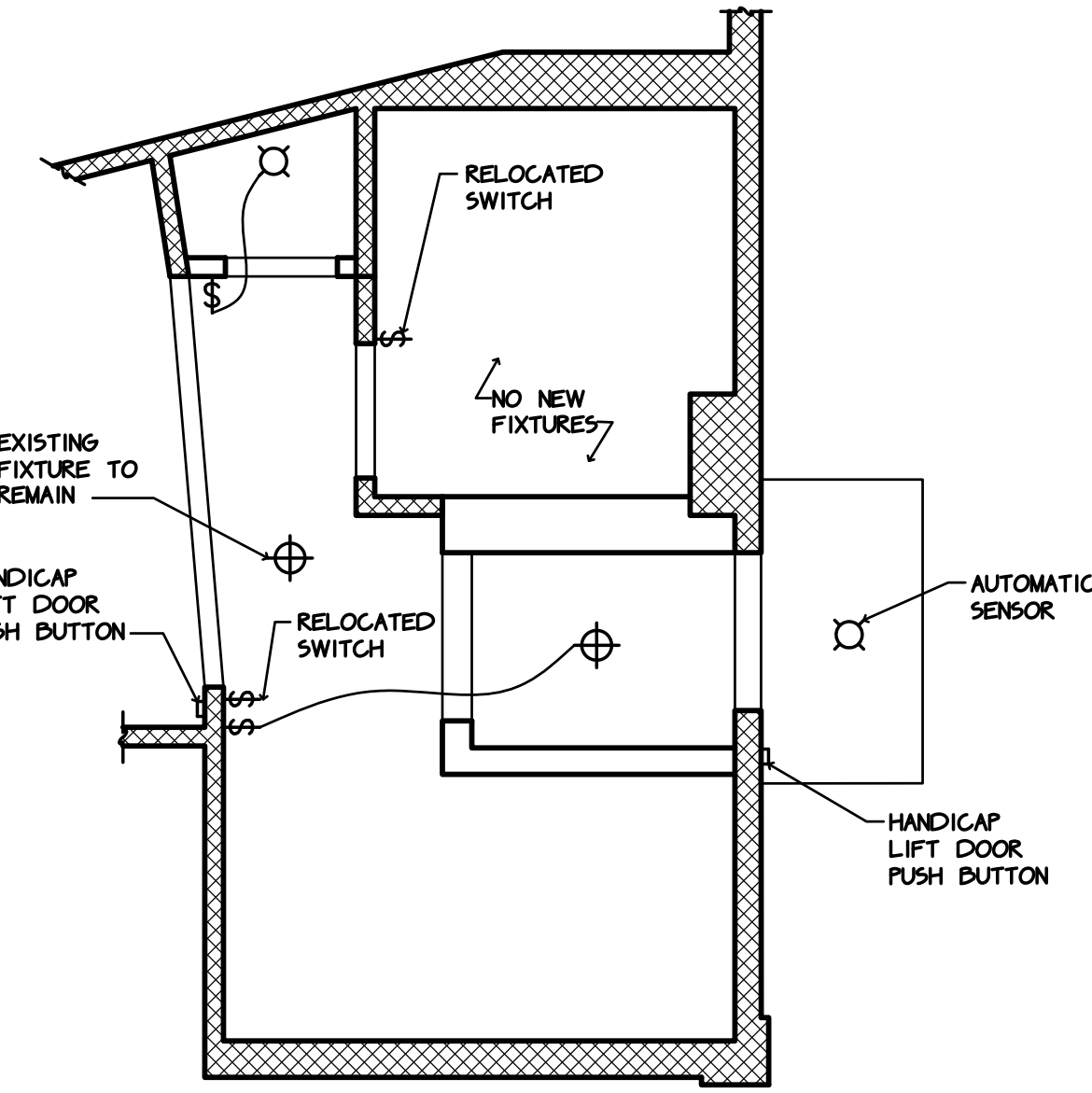
A2.1



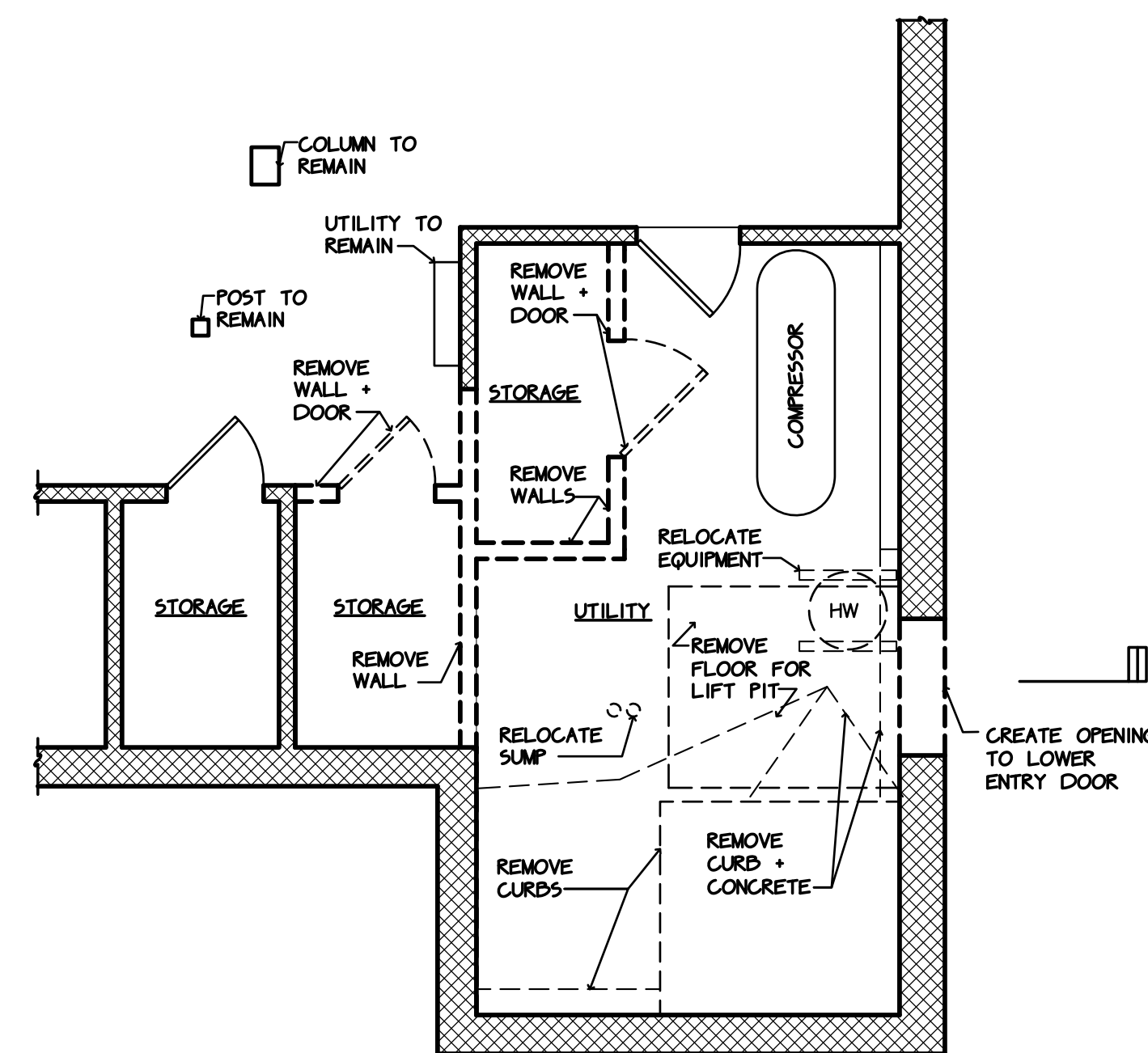
1 First Floor Demolition Plan
Scale: 1/4" = 1'-0"



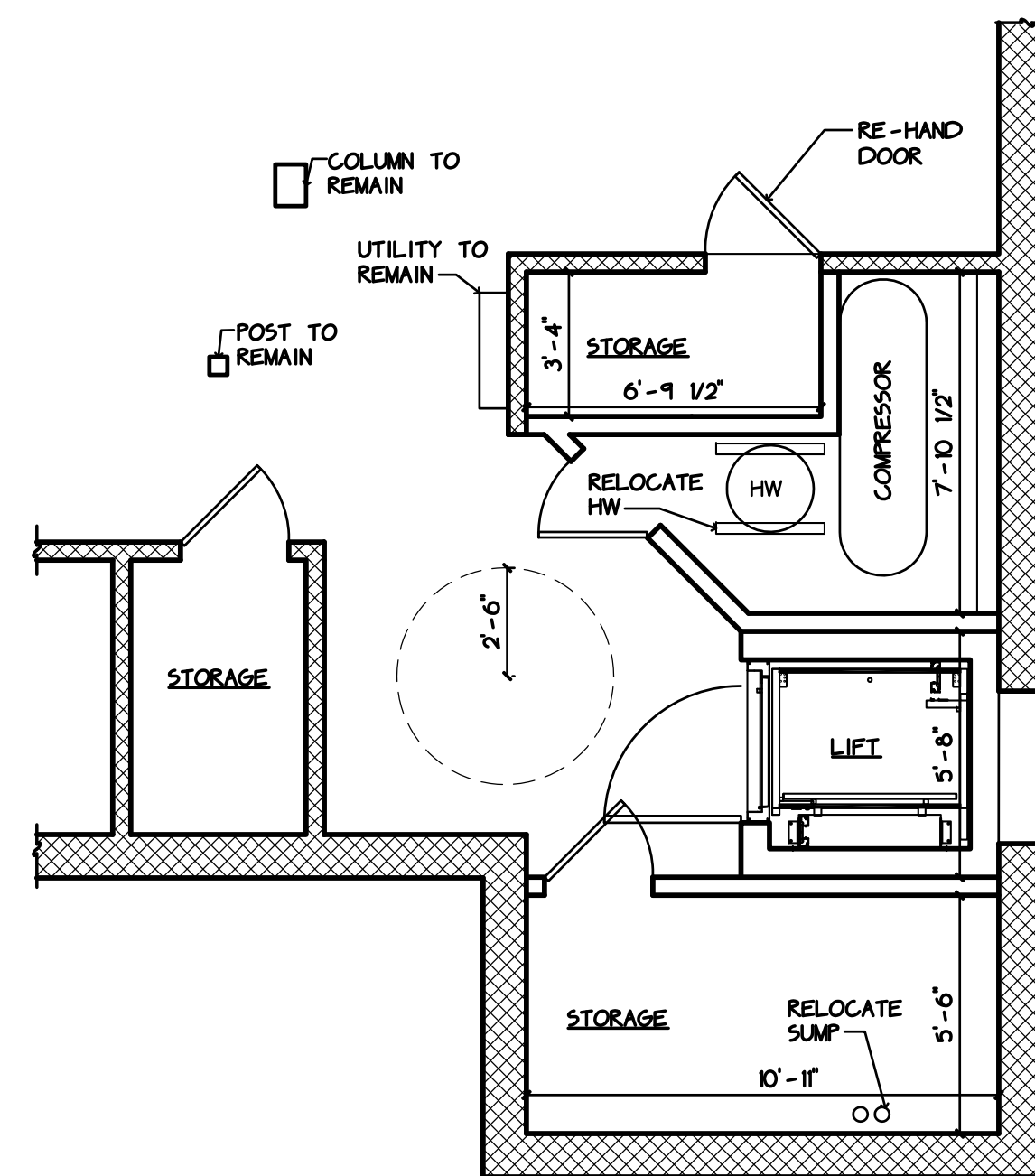
2 Proposed First Floor Plan
Scale: 1/4" = 1'-0"



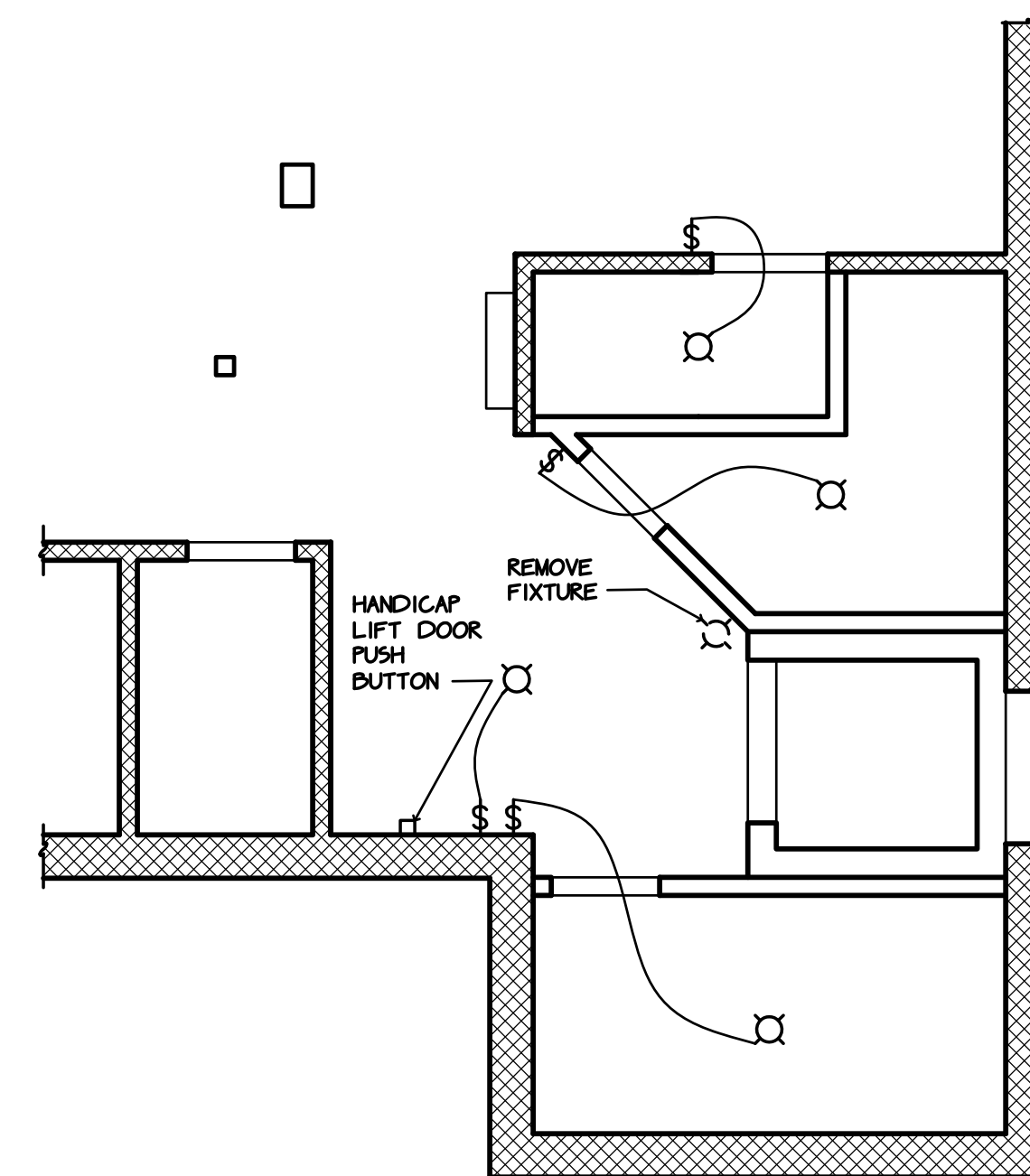
3 Proposed First Floor RCP
Scale: 1/4" = 1'-0"



4 Basement Demolition Plan
Scale: 1/4" = 1'-0"



5 Proposed Basement Plan
Scale: 1/4" = 1'-0"



6 Proposed Basement RCP
Scale: 1/4" = 1'-0"

| RCP LEGEND | |
|------------|------------------------|
| | RECESSED LIGHT FIXTURE |
| | MOUNTED LIGHT FIXTURE |
| | SWITCH |

| LEGEND | |
|--------|-----------------------------------|
| | NEW WALLS AND PARTITIONS |
| | EXISTING WALL TO REMAIN |
| | EXISTING PARTITIONS TO BE REMOVED |

ARCHITECT:

CENTREPOINT
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OWNER:

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17 South Main Street
Petersham, MA 01366

Petersham
Town Hall

17 South Main Street
Petersham, MA

Historic Permit

| No. | ISSUE | DATE |
|-----|--------------------|------------|
| 01 | Design Development | 02.25.2019 |
| 02 | Historic Review | 03.04.2019 |
| | CLIENT REVIEW | |
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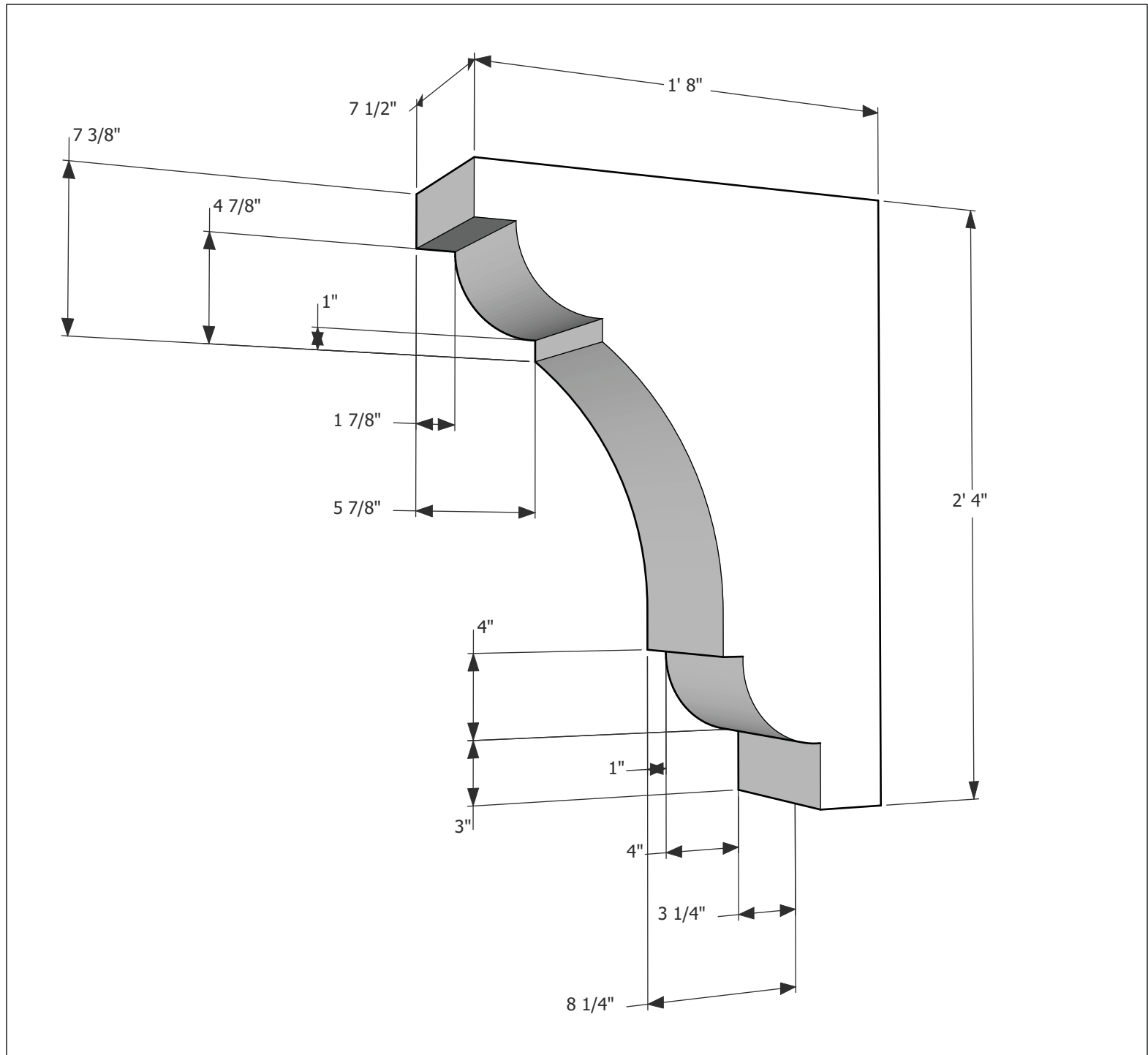
PROJECT #: 10219

DRAWING TITLE:
Plans

A1.1



| | |
|--|------------|
| Product Name | |
| Wood Corbel 21T10 | |
| Projection | Height |
| 20" | 28" |
| Thickness | |
| 7 1/2" | |
| Body Timber | |
| X 1 1/2" X X 1 1/2" | |
| Wood Species | |
| Western Red Cedar | |
| Available Options: | |
| Smooth Finish | |
| Smooth finished products are manufactured from planed down timbers. This planed and sanded surface is perfect if you plan on painting or staining the product. | |
| Rough Finish | |
| Rough finished products are manufactured from planed down timbers for squareness and then roughed by hand. This gives the final product a more natural and rustic look and feels and works well with a stain and sealer. | |
| Please feel free to call or email us with any questions at: | |
| 800-915-5110 | |
| sales@prowoodmarket.com | |
| ProWoodMarket.com | |



3044 — COLONIAL IV



SERIES: Mastermark®
Collection

TYPE: Exterior Decorative

APPLICATIONS: Can be used for a swing door, with barn track hardware, with pivot hardware, in a patio swing door or slider system and many other applications for the home's exterior.

Construction Type:

Engineered All-Wood Stiles and Rails with Dowel Pinned Stile/Rail Joinery

Panels: 1-1/4" Innerbond®
Double Hip-Raised Panel

Profile: Ovolo Sticking with
Raised Moulding 1-Side

DETAILED DRAWING

STANDARD FEATURES



Any Wood Species

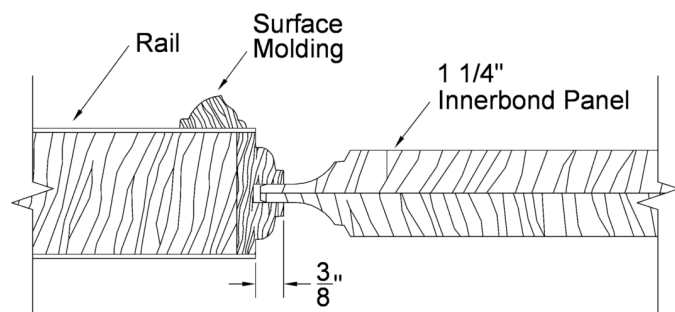


Virtually Any Size



UltraBlock®
Technology

DETAILS





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CART

Need Help? Call our experts: 1-800-724-5501 - FREE Shipping on All Orders Over \$40!

[Home](#) > [Lighting](#) > [Minka Lavery](#) > [Recessed LED](#)

Recessed 1-Light LED



Hover to Zoom

Share This Product

Minka Lavery 2718-37B-L, 1-Light LED Flush Ceiling, 15 Watts, Dark Restoration Bronze

SKU: 2718-37B-L

0.0 Be the first to [Write a Review](#)

- 1.5" Height x 8" Width, Weight 2.16lbs
- 15W LED, Dimmable (3000K, 638 Lumens, 30000 Hrs)
- Retro Fit in 6" Recessed Can or 4" Junction Box
- ETL Damp, SHADE: Etched White Glass

Hi, we're Del Mar
CHAT WITH US



Our Price: **\$27.51**

Download



Product Manual

Lighting Dimensions

Height 2"

Length 8"

Width 8"

Mounting Details

Mounting System Recessed Can

Light Type

| | |
|-----------------|------|
| Bulb Type | LED |
| CRI | 94 |
| Bulb1 Included | Yes |
| Kelvin | 3000 |
| Lumens | 638 |
| Bulb Output | LED |
| Bulb Quantity | 1 |
| Bulb Watts | 15 |
| Bulb 2 Included | No |
| Total Watts | 15 |
| Voltage | 120 |

Shipping Dimensions

| | |
|---------------|-------|
| Carton Weight | 2.728 |
| Carton Height | 5.25 |

Hi, we're Del Mar
CHAT WITH US



List: ~~\$41.27~~Selected Finish: **Dark Restoration Bronze**

Quantity:

1



ADD TO CART

FREE Shipping

Ships in 1 to 2 days

38 In Stock

as of Feb 27, 11:24 AM

Features

Reviews

Shipping

Return Policy

Features

**Description
and Finish****Lighting Dimensions
Certifications****Mounting Details****Light Type****Shipping Dimensions****Material**

Description

Minka Lavery 2718-37B-L, 1-Light LED Flush Ceiling, 15 Watts, Dark Restoration Bronze

- RECESSED LIGHT DIMENSIONS: 1.5" Height x 8" Width, Weight 2.16lbs
- LIGHT: 15 Watt Integrated LED, Dimmable (3000K, 94 CRI, 638 Lumens, 30000 Rated Hours)
- Easy Installation for Retro Fit in Existing 6" Recessed Housing and also Supplied with Hardware to Fit Directly to 4" Electrical Junction Box
- ETL Approved for Damp Locations, FINISH: Dark Restoration Bronze, SHADE: Etched White Glass
- INCLUDED: Glass Shade, Trim Ring, Mounting Plate, Screws, Socket, Spring Clip, Wire Quick Connector
- 100% SATISFACTION GUARANTEED: 1 Year Limited Manufacturer's Warranty; 3 Year Limited Power Supply Warranty (LED Module, PC Board Diodes, and Drivers). 365 Day Returns or Exchanges to Del Mar Fans & Lighting

UPC: 747396098166

Minka-Lavery 2718-37B-L Recessed, 1-Light LED 15 Watts, Dark R

By Selecting the Options above, you can view all of these Minka L
Collection: 2718-37B-L, 2718-84-L

Hi, we're Del Mar
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| | |
|------------------|-----|
| Carton Length | 9.5 |
| Carton Width | 9.5 |
| Package Quantity | 1 |

Material and Finish

| | |
|----------|-------------------------|
| Finish | Dark Restoration Bronze |
| Material | Glass |
| Shade | Etched White Glass |

Intellect™ Keypad Room Controller

For Use with Intellect Intelligent Fixture Control System

The Leviton Intellect Decora® Keypad Room Controller is the primary user interface in an Intellect Intelligent Fixture Control System, combining both familiar pushbutton control and energy management business logic into line voltage-powered wireless communication devices. The Intellect Keypad manages a room by coordinating activities of all devices within the space.

It also provides the primary interface between the configurator tool and the Intellect system. The Keypad integrates with Intellect downlights, track fixtures, troffers, and other lighting fixture types. Create a simple but advanced intelligent lighting system that can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, and daylight harvesting requirements.

Listed on the DesignLights Consortium (DLC) Qualified Product List (QPL) for Networked Lighting Control systems, the Intellect Intelligent Fixture Control System is made up of two interchangeable components. A range of options are available to meet the specific needs of each lighting fixture type.

Intellect Light Fixture: light fixture comprised of luminaire with Intellect technology, enabling wireless communication, integrated occupancy, vacancy and light level detection; operates as a complete out-of-the-box energy management and code compliant lighting control solution

Keypad Room Controller: acts as the primary user interface and coordinates all the functions within the room; provides the Bluetooth® interface for connection to the Intellect App.

Smartphone Bluetooth App

Wirelessly commission, configure, control, monitor and provision the Intellect system using the Bluetooth enabled Intellect App designed for an Android or iOS smart device or other Bluetooth-enabled devices within a 30' range.

Applications

- Room controller for Intellect systems
- Room entry stations or remote (multi-way) switch for use at other entry doors

Features

- Bluetooth interface for connection to any Android or iOS devices with Bluetooth 3.0 or later interface — download Leviton Intellect App at Leviton.com/apps, Google Play™, or iOS App Store®.
- Configuration - Control - Status monitoring
- Every node is a repeater
- Line voltage powered
- Implements energy management business logic for Intellect-enabled devices
- Customizable buttons that can be programmed through the Leviton Intellect App to perform a variety of functions:
 - Room ON/OFF - Group ON/OFF
 - Any fixture at any level - Fade times
 - Preset groups - Scenes
 - Toggle
- Button LEDs monitor and track actual room status
- Decora aesthetic
- Available in 1-, 2-, 4- and 8-button models
- LED status indicators
- Multiple operating modes: toggle maintained, toggle momentary and preset

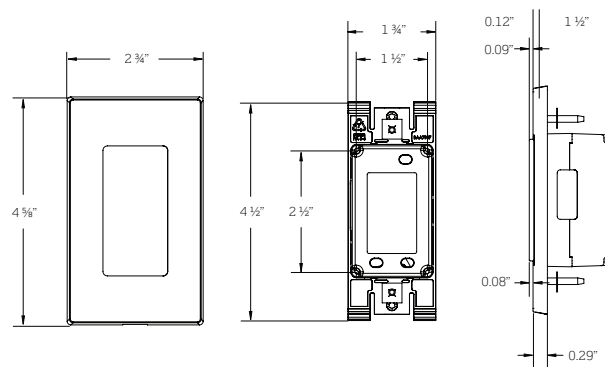
Warranty

This product is covered by Leviton's limited five (5) year warranty.

Listing

Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, and daylight harvesting requirements; DLC Advanced Lighting Controls Compliant (certification pending), QPL Listing and Certification Pending, UL/cUL Listed, UL924, NOM Certified, RoHS 2 Compliant, and IEC61000-4-2, Complies with IEEE 802.15.4, UL916 standard for energy management equipment.

FCC certified for wireless communication (U.S.), FCC ID: W7Z-ZICM357SP0, IC Certified (Canada), IC ID: 854A-ZICM357SP0



Intellect™ Keypad Room Controller

For Use with Intellect Intelligent Fixture Control System

Specifications/Features

| ELECTRICAL | |
|-----------------------------|---|
| Input Voltage | 120-230-277VAC , 50/60 Hz, 40mA |
| Output | None—wireless communication only |
| Communication | 2.4 GHz wireless mesh network Up to 75' between Lumina RF devices, mesh network—all devices are repeaters Up to 30' between Keypad and Bluetooth phone or tablet 75' between Keypad and first fixtures |
| Connections | 16 AWG (Power connections) |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 122° F (0° to 50° C) |
| Storage Temperature Range | -4° to 185° F (-20° to 85° C) |
| Relative Humidity | 0 to 90% non-condensing, for indoor use only |

Ordering Information

Example Order: ZLDNK-02W

Keypad



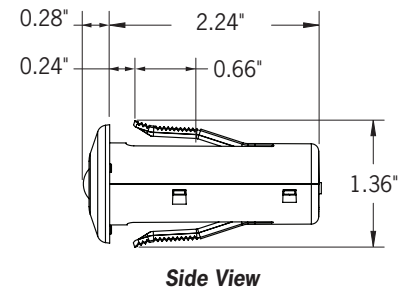
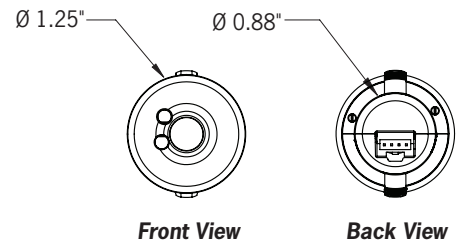
- ZLDNK-01W** - Intellect Decora 1-Button multi-function BLE keypad with room controller and LED feedback functionality.
NEMA form factor, 120-277VAC, 50/60Hz, White
- ZLDNK-02W** - Intellect Decora 2-Button multi-function BLE keypad with room controller and LED feedback functionality.
NEMA form factor, 120-277VAC, 50/60Hz, White
- ZLDNK-04W** - Intellect Decora 4-Button multi-function BLE keypad with room controller and LED feedback functionality.
NEMA form factor, 120-277VAC, 50/60Hz, White
- ZLDNK-08W** - Intellect Decora 8-Button multi-function BLE keypad with room controller and LED feedback functionality.
NEMA form factor, 120-277VAC, 50/60Hz, White

Intellect™ Sensor Control Module

The Leviton Intellect Sensor Control Module (SCM) is designed to be ceiling mounted remotely near housing aperture. The SCM integrates PIR occupancy sensing and photocell technology in a single compact unit.

Features

- Occupancy and vacancy detection: PIR sensor, spacing to mounting height of 1:1 up to 12'
- Light level detection: light sensor (photocell)
- Diagnostic LEDs: may be disabled
- Integrated factory default and test button
- Connects to any Intellect power supply or Power Control Module
- Removable sensor cap for field painting to match environment; arrives white from factory
- Installs into any 7/8" +/-1/8" diameter mounting hole; suitable for metal, drywall, ceiling tiles and related surfaces (requires top access for removal)
- Fully digital sensors, configurable across network
 - Sensitivity
 - Time out
 - Lighting target level
 - Occupancy/vacancy mode
 - Exclude sensor
- See system data sheet for full features
- Test switch under removable cap for toggling load ON/OFF, factory default, and pushbutton pairing when other methods are unavailable



Specifications/Features

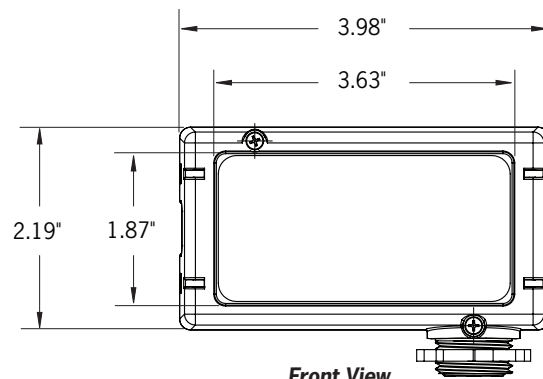
| ELECTRICAL | |
|-----------------------------|---|
| Input Power | Powered from Intellect Power Control Module |
| Wireless | Lumina RF, IEEE 802.15.4, 2.4 GHz mesh network |
| Range | Up to 75' between nodes |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 122° F (0° to 50° C) |
| Storage Temperature Range | -4° to 185° F (-20° to 85° C) |
| Relative Humidity | 0 to 90% non-condensing, for indoor use only |
| Mounting Height | 8-12' |
| OTHER | |
| Intellect System Listings | Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, and daylight harvesting requirements; DLC Advanced Lighting Controls Compliant, UL/cUL Listed, UL924, NOM Certified, RoHS 2 Compliant, and IEC61000-4-2, Complies with IEEE 802.15.4, UL916 standard for energy management equipment, UL2043 for plenum rated |
| Radio Certifications | FCC certified for wireless communication (U.S.), FCC ID: 2473A-PVDIM, IC Certified (Canada), IC ID: 2473A-PVDIM |

Intellect™ Power Control Module

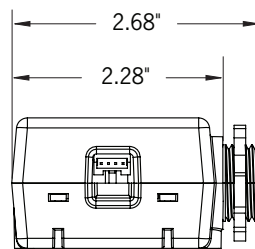
The Leviton Intellect Power Control Module (PCM) is factory installed to recessed housing junction box and used as a power pack in an Intellect-enabled Intelligent Fixture Control System. The PCM connects to the Intellect Sensor Control Module (SCM) via extension cable.

Features

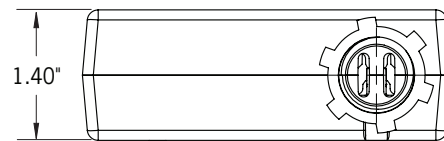
- 120-277V, 50/60 Hz power input
- 3/4" nipple and locknut for installation into a standard 1/2" knockout
- All terminations on pigtails
- Emergency control—UL924 rated, monitors local normal power through the control input and ensures device is on upon normal power failure
- UL2043 Plenum rated
- 0-10V control and power relay
- 3% accurate metrology
- Power supply output short circuit protection
- Optimal installation flexibility
- Monitored points:
 - kWh - Power factor
 - kW - kVAR
 - Voltage - kVARH



Front View



Side View



Bottom View

Specifications/Features

| ELECTRICAL | |
|-----------------------------|---|
| Power Input | 2.5A, 120-277VAC, 50/60 Hz |
| Output | 4A: Ballast, electronic ballast, LED, Tungsten, resistive, general purpose Motors: 1/8HP at 120V, 1/16HP at 277V |
| Control | 0-10V, 10mA Sinking, ANSI C82.11, Appendix E2 |
| Power Monitoring | KWH, KW, Power Factor, Voltage, Current, KVAR, KVARH, 3% accuracy |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 167° F (0° to 75° C) |
| Storage Temperature Range | -4° to 185° F (-20° to 85° C) |
| Relative Humidity | 0 to 90% non-condensing, for indoor use only |
| OTHER | |
| Intellect System Listings | Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, and daylight harvesting requirements; DLC Advanced Lighting Controls Compliant, UL/cUL Listed, UL924, NOM Certified, RoHS 2 Compliant, and IEC61000-4-2, Complies with IEEE 802.15.4, UL916 standard for energy management equipment, UL2043 for plenum rated, NEMA 410 compliant |
| Radio Certifications | FCC certified for wireless communication (U.S.), FCC ID: 2473A-PVDIM, IC Certified (Canada), IC ID: 2473A-PVDIM |

R4SQNCIE

Intellect™ Enabled 4" Square LED Recessed Downlight:
Universal New Construction Housing

Catalog No. _____

Type _____

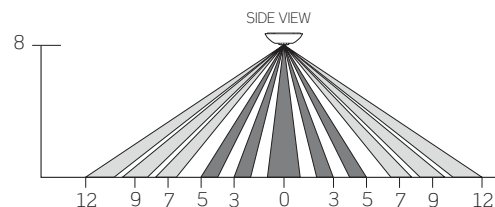
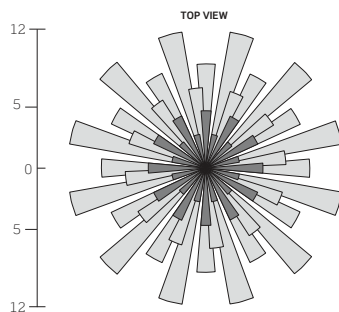
Project _____



Intellect Enabled Light Fixture

Sensor Head Field-of-View

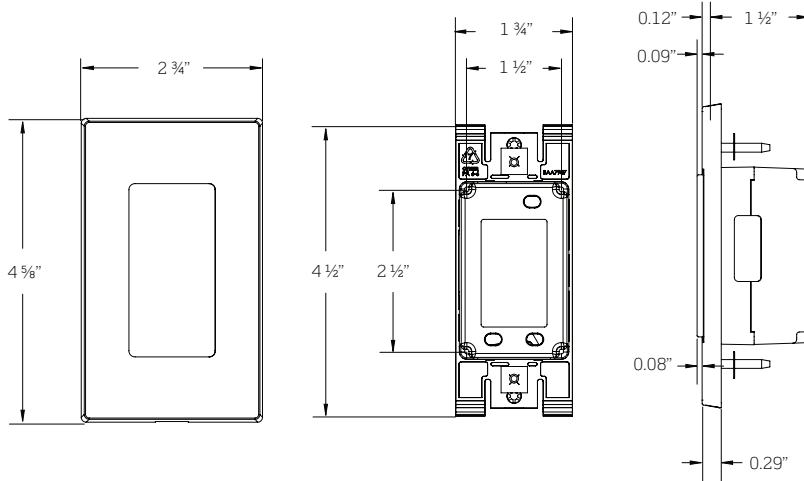
- Minor Motion
- Major Motion



Wireless Mesh Network



Keypad Room Controller



Bluetooth



Leviton Intellect App

Download Leviton Intellect App at www.leviton.com/apps, Google Play™, or iOS App Store®.

Configure, monitor and control the system via Android or IOS smart device for ladderless Commissioning™. The Intellect App simplifies configuring occupancy sensors and daylight harvesting zones to creating scenes and programming keypads

- Configuration
- Control
- Status Monitoring
- Room ON/OFF
- Group ON/OFF
- Scenes
- Any Fixture at Any Level
- Fade Times
- Preset Groups
- Toggle

For the latest technical specifications, visit www.leviton.com/intellect

enabled

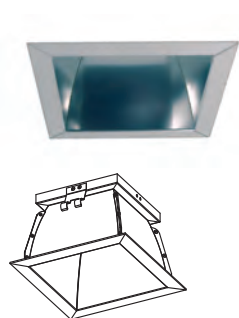


Sensor Ceiling

R4SQ

4" Square LED Recessed Downlight Series

Trims and Accessories



Specification Grade Reflector Trim

Specification grade segmented reflector; available in anodized clear specular, anodized platinum and painted matte white finishes.

Trim flange: 5-3/4" SQ; Aperture: 4-1/2" SQ

- C4322SQ-CLR*** - Clear Specular Reflector
- C4322SQ-PL*** - Platinum Reflector
- C4322SQ-WHT** - White Reflector

**Available with White Painted Flange, add "WPF" to part number.*



Die-Cast Reflector Trim

Specification grade die-cast reflector; available in painted satin silver and matte white finishes.

Trim flange: 5-3/4" SQ; Aperture: 4-1/2" SQ

- C4322SQDC-SL** - Satin Silver Paint
- C4322SQDC-SL-WPF** - Satin Silver Paint with White Painted Flange
- C4322SQDC-WHT** - Matte White Paint



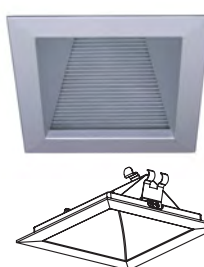
ISOWET

Dead Front Square Reflector Trim

Isolated, wet location approved thermoplastic reflector.

Trim flange: 5-3/4" SQ; Aperture 4-1/2" SQ

- C4322SQDF-SL** - Satin Silver Paint
- C4322SQDF-SL-WPF** - Satin Silver Paint with White Painted Flange
- C4322SQDF-WHT** - Matte White Paint

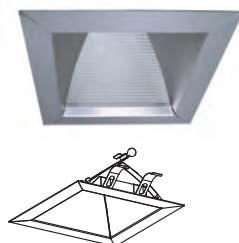


Die-Cast Wall Wash Trim

Lensed wall wash trim; available in painted satin silver and matte white finishes.

Trim flange: 5-3/4" SQ; Aperture: 4-1/2" SQ

- C4323SQDC-SL** - Satin Silver Paint
- C4323SQDC-SL-WPF** - Satin Silver Paint with White Painted Flange
- C4323SQDC-WHT** - Matte White Paint



Lensed Wall Wash Trim

Lensed wall wash trim; available in anodized clear specular, anodized platinum and painted matte white finishes, with angled diffuse glass spread lens.

Trim flange: 5-3/4" square

Aperture: 4-1/2" square

- C4323SQ-CLR*** - Clear Specular Reflector
- C4323SQ-PL*** - Platinum Reflector
- C4323SQ-WHT** - White Reflector

**Available with White Painted Flange, add "WPF" to part number.*

Part 1: GENERAL

1.1 Scope: Subject to local building codes, this product is intended for use in:

- 1.1.1 One and two family dwellings.
- 1.1.2 Low-rise multifamily dwellings, low-rise professional offices, libraries and low-rise motels.
- 1.1.3 Lighter use industrial buildings and factories, hotels, and retail sales buildings.

1.2 Product Description: Side-hinged door systems manufactured by MASONITE or meeting MASONITE specifications.

1.2.1 Door system components include: door panel(s), sidelite panel(s), glass inserts, transom, door frame, hinges, weather seals.

Part 2: BASIC MATERIALS

2.1 Door Panel: Belleville® Wood-Grain Textured and Belleville® Smooth fiberglass doors shall be fabricated using 6-piece construction that includes fiberglass reinforced facings featuring high-definition sticking design, laminated lock stile, finger-jointed or laminated wood hinge stile, wood top rail and rot resistant composite bottom rail. Door facings are to be bonded to stiles and rails forming a structural attachment. Insulated core to be poured-in-place polyurethane foam forming a secure attachment to all door components.

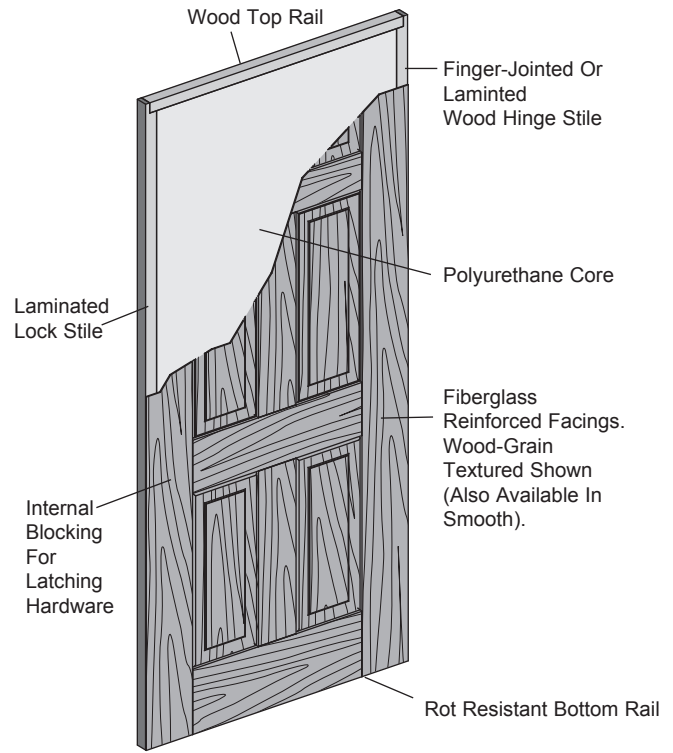
2.1.1 Bottom rail may be machined to accept weather seal. Mounting surface for latching hardware to be reinforced with solid internal blocking. Hinge preparations are to be placed at MASONITE specifications and are to be machined for standard weight full mortise 4" butt hinges. Latch preparations are to be placed at MASONITE specifications. Face bore(s) for cylindrical lock and deadbolt are to be 2-1/8" diameter at 2-3/4" or 2-3/8" backset and 5-1/2" on center (5-1/2" or 10-1/2" on 8'0" panels).

2.2 Sidelite Panel:

2.2.1 Belleville® Wood-Grain Textured and Belleville® Smooth fiberglass sidelites shall be fabricated using 6-piece construction that includes fiberglass reinforced facings, MDF or wood stiles and rails. Door facings are to be bonded to stiles and rails forming a structural attachment. Insulated core to be poured-in-place polyurethane or expanded polystyrene foam forming a secure attachment to all door components.

2.3 Glass Insert: Specialty™ insulated glass inserts shall be fabricated in 1/2" double pane or 1" triple pane construction. Glass frame may be "lip lite" or "flush glazed" design in rigid plastic, cellular vinyl or extruded aluminum.

2.4 Transom: Specialty insulated transoms shall be fabricated with 1/2" double pane or 1" triple pane glass mounted to the framing system as a non-operable panel.



2.5 Door Frame: Wood frames shall be fabricated as a single rabbet jamb design. Hinge jamb(s), strike jamb, head jamb, and mullion(s) shall be machined to accept a kerf applied weather seal. Hinge jamb preparations are to be placed at MASONITE specifications and are to be machined for standard weight full mortise 4" butt hinges. Strike jamb preparations are to be placed at MASONITE specifications and are to be machined for full lip cylindrical strike plate. Inswing or bumper outswing threshold shall be high-dam design. Low profile threshold shall be required for handicap accessible openings. Double door units shall include a t-astragal attached to the "passive" panel with top and bottom flush bolts that securely strike into the head jamb and threshold.

2.6 Hinges: (3) standard weight full mortise 4" butt hinges are required on doors 7'0" height or smaller & (4) on doors greater than 7'0".

2.7 Weather Seal: Door frame shall be fabricated featuring a vinyl wrapped foam filled compression design that is kerf installed. Corner seals shall be installed to the rabbet section of the door frame at the bottom of the hinge and lock jamb. Door bottom sweep shall be sealed and securely attached to the operable door panel(s).

Part 3: DELIVERY, STORAGE & HANDLING

3.1 Delivery: Reasonable care shall be exercised during shipping and handling in keeping with the decorative nature of product.

3.2 Storage & Protection: Store upright in a dry, well ventilated building or shelter at a constant temperature. Do not store in damp areas or freshly plastered buildings. Place units on wood blocks at least 2" high to prevent moisture at threshold and/or possible damage. Do not place in non-vented plastic or canvas shelters.

Part 4: EXECUTION

4.1 Examination: Site verification of substrate conditions, which have been previously completed, are acceptable for the product installation instructions in accordance with manufacturer's specifications. Verify that door frame openings are constructed plumb, true and level before beginning installation process. Select fasteners of adequate type, number and quality to perform the intended functions.

4.2 Installation: Remove protective packaging just prior to installation. Installer shall be experienced in performing work required and shall be specialized in the installation of work similar to that required for this project. Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product packaging instructions for installation.

4.3 Flashing, Insulating & Trimming: Exterior of installed unit shall be flashed, trimmed & sealed to prevent air infiltration and/or water penetration. Interior of installed unit shall be insulated & trimmed to prevent thermal and/or acoustical transmission.

4.4 Finishes: Various types of materials are used in the construction of the door system; each shall be sealed in accordance with manufacturer's specifications to protect against various environmental conditions. Make sure to seal and inspect all 5-surfaces (top, hinge side, lock side, exterior face and interior face) of the active door panel(s). Finishing and/or re-finishing must be completed within 45-days from the time the protective packaging was removed and/or the installation was performed. Conduct periodic inspections of all coated surfaces to insure that door components are not exposed. Inspections should occur at least once a year. Reseal the surface as needed.

Part 5: BUILDING CODE & REGULATORY COMPLIANCE

5.1 Structural Performance & Impact Rating: Unit scheduled for installation in openings requiring compliance with national, state or local wind load and/or missile impact resistance shall be clearly noted when product is ordered. Design pressure (DP) ratings are available for a wide selection of door styles and configurations are listed under the National Accreditation & Management Institute (NAMI). Belleville Wood-Grain Textured and Belleville Smooth fiberglass door unit at +70.0 / -70.0 maximum rating. (See structural performance data for unit specific DP/impact information).

5.2 Thermal Performance: Unit Scheduled for installations in openings requiring compliance with national, state, or local thermal resistance and/or solar heat gain shall be clearly noted when product is ordered. U-Value & SHGC ratings in accordance with the International Energy Conservation Code (IECC) and/or the National Fenestration Rating Council (NFRC) are available for a wide selection of door styles. ENERGY STAR compliance / labeling is available for various door styles. Belleville Wood-Grain Textured and Belleville Smooth fiberglass at U-value of 0.17 & SHGC of 0.37 minimum rating. (See thermal performance data for unit specific thermal information).

5.3 Acoustical Performance: Unit scheduled for installation in openings requiring a specified noise control rating shall be clearly noted when product is ordered. Belleville Wood-Grain Textured and Belleville Smooth fiberglass sound transmission classification (STC) rating is 22 for a door without a glass insert. (See acoustical performance data for unit specific acoustical information).

5.4 General Performance: All door systems are designed to comply with water penetration guidelines in accordance with ASTM E331 and/or Florida Building Code TAS202; air infiltration guidelines in accordance with ASTM E283 and/or Florida Building Code TAS202; forced entry resistance guidelines in accordance with Florida Building Code TAS202; physical endurance guidelines in accordance with ANSI A151.1 / level C.

Part 6: WARRANTY

6.1 Manufacturer warrants the panel to be free of manufacturing defects in material and workmanship for the lifetime of the panel. Please check with manufacturer or distributor for current warranty terms and conditions.