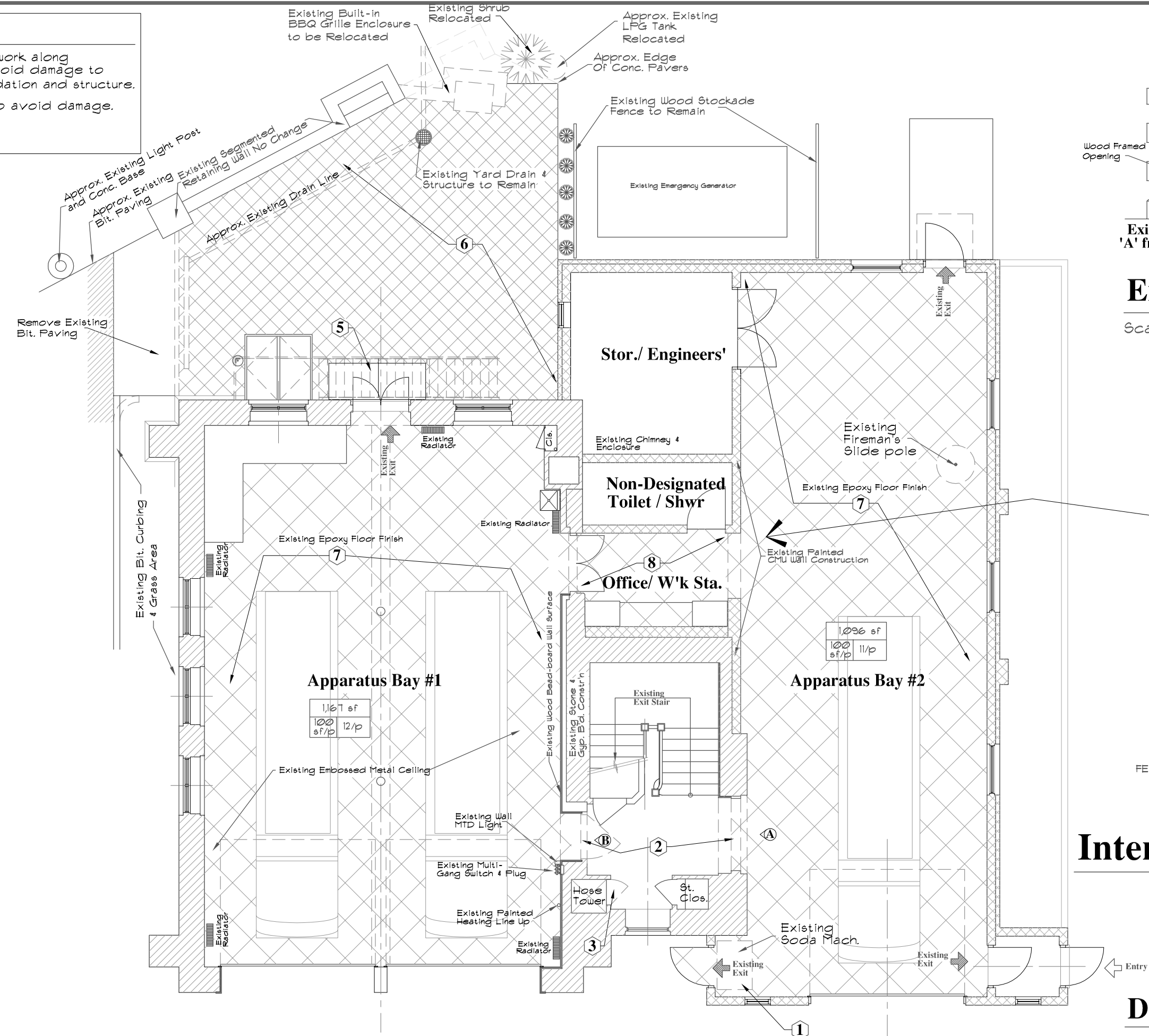


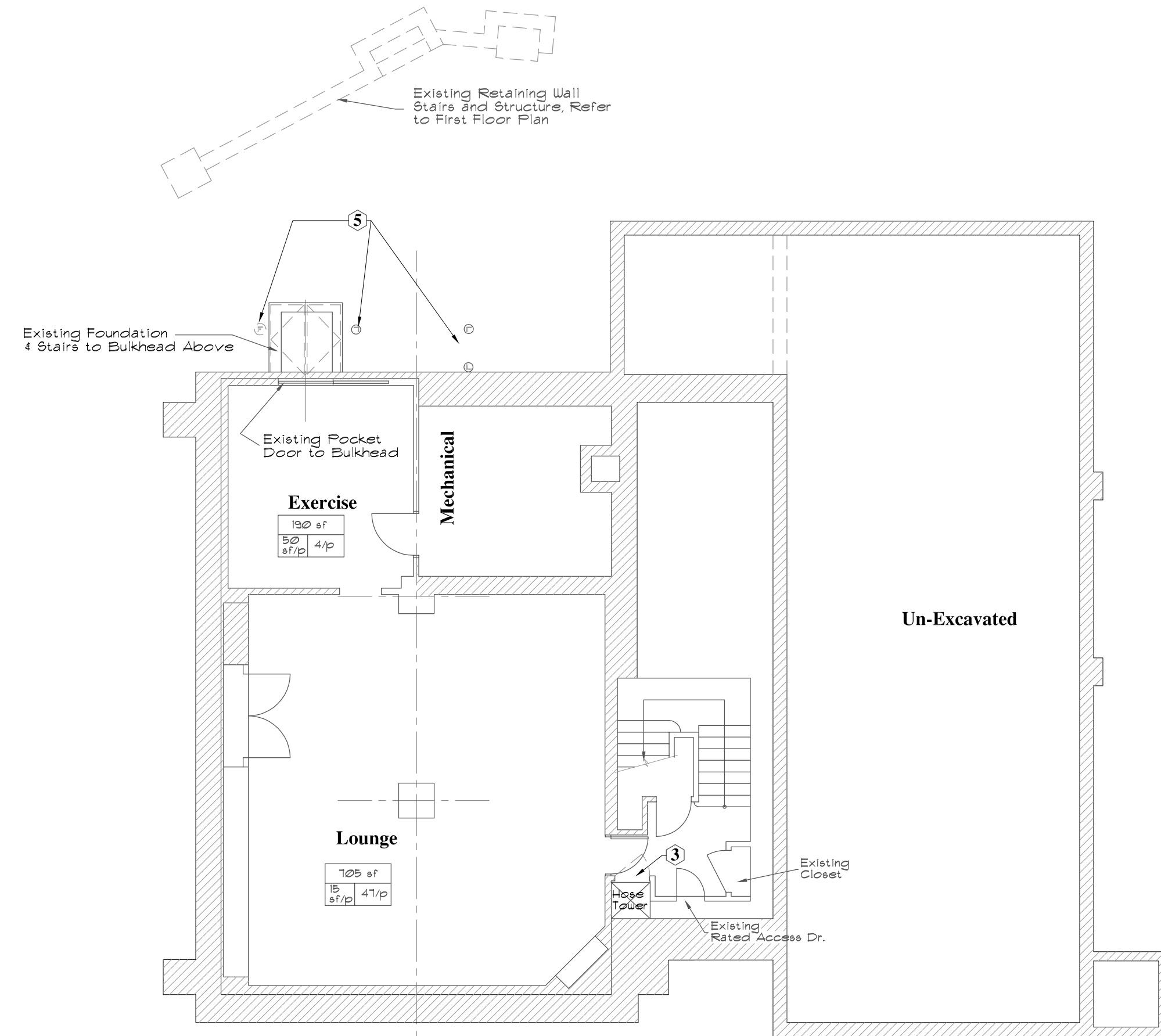
Contractor Note:

- Added care performing excavation work along
- Existing building with machinery to avoid damage to Original stone and recent conc. foundation and structure.
- Use of hand tools may be required to avoid damage.
- Remove all existing Fire Escape: Steel, foundations and anchors



Existing Conditions / Demolition Work First Fl. Plan

Scale: 1/8" = 1'-0"

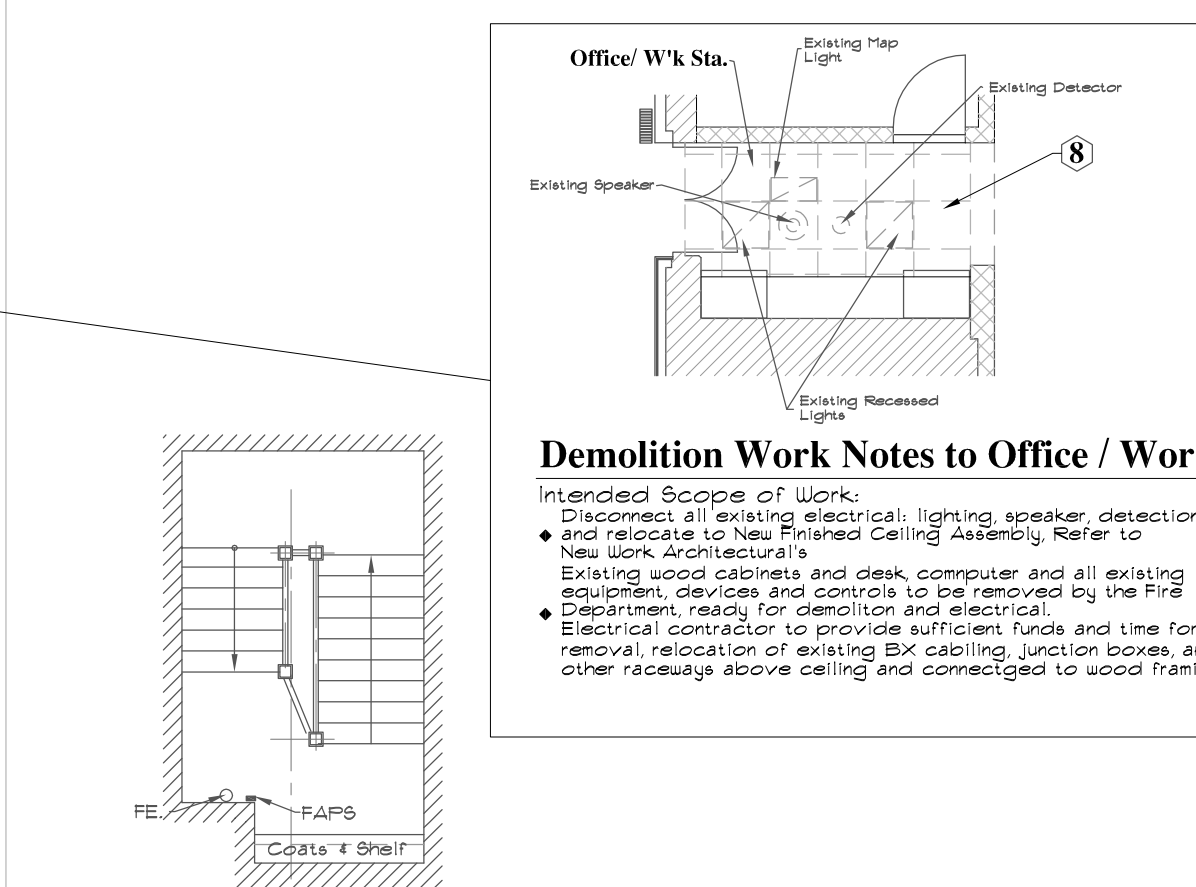


Existing Conditions / Demolition Work Basement Plan

Scale: 1/8" = 1'-0"

Existing Opening Elevations for Reference

Scale: 1/8" = 1'-0"



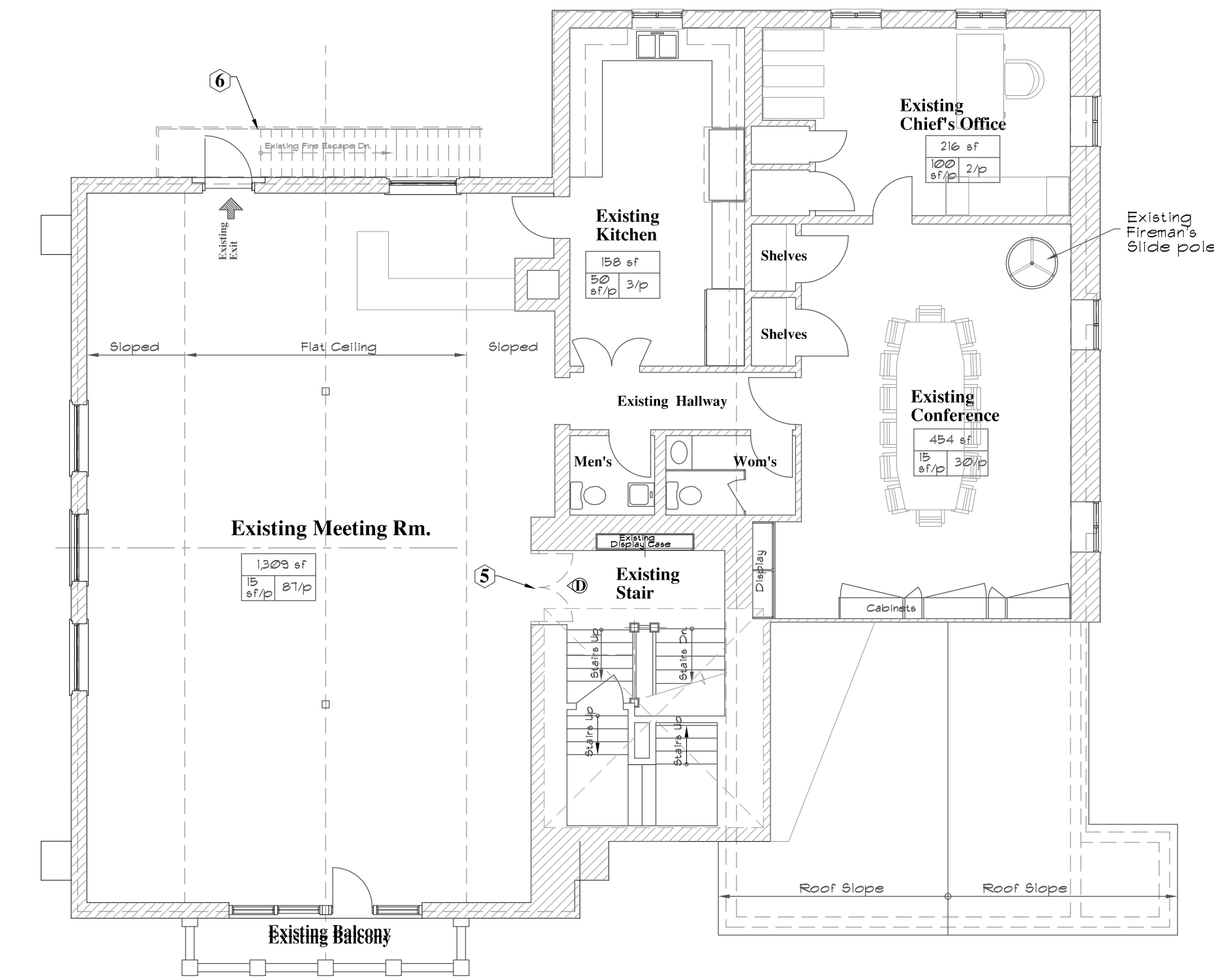
Intermediate Landing

Demolition Work Notes:

- Existing Vending Machine Relocated and power provided in accordance with the Fire Departments directions and needs.
- Remove existing wood trim's and framing to the limits of Existing 'Stone-Building Wall', and prepare opening for scheduled new door and frame assembly.
- Remove existing wood door and frame, including all hardware. Adjust the existing opening for scheduled new door and hardware.
- Remove existing paired doors, frame and hardware. Modify Existing opening and wall assembly for scheduled New Door Frame and Hardware, including wall modifications for installation.
- Dismantle and remove: Existing painted steel fire-escape and its in ground structures. Brackets, bolts and bracing back to existing building. In it's entirety. Prepare remaining building structure to receive scheduled new work. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR COORDINATION.
- Remove all existing concrete pavers, and granulated base. Prepare this area and remaining surfaces to receive scheduled new work. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR COORDINATION.
- Existing Epoxy Refinished Floor: Epoxy flooring contractor to review and prepare existing Epoxy floor system to: Remove existing tops coat as necessary to Repair damaged and previous repaired areas. Prepare colored substrate coating to receive New Finish colored coats. Receive Min. 2 tops coats of sealer. Temporarily remove all existing floor mounted Radiators and devices, equipment to allow best preparation of existing floor surfaces for scheduled new treatment. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR COORDINATION.
- Remove existing acoustical ceiling assembly including disconnection of existing lights, speaker, fire detection unit including above ceiling Wiring, raceways, boxes, devices for application of Intended new gypsum board ceiling and support structure.

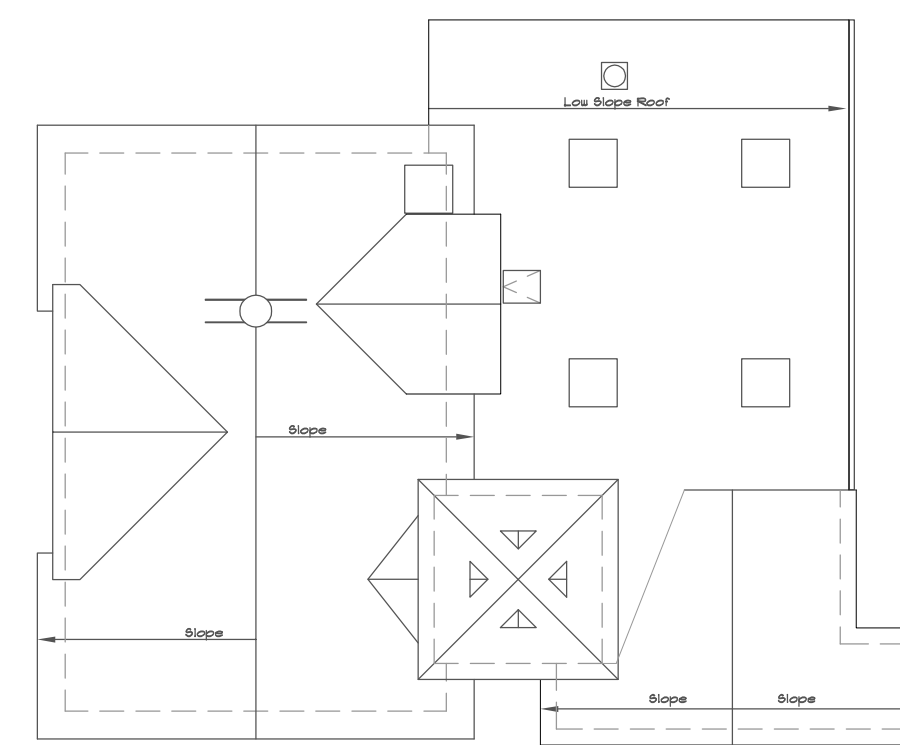
Existing Conditions / Demolition Work Second Fl. Plan

Scale: 1/8" = 1'-0"



Rear Elevation at Fire Escape Showing Demo of Fire Escape

Scale: 1/8" = 1'-0"



Approx. Existing Roof Plan

Scale: 1/16" = 1'-0"

Plans and Information were generated from:

The Lawrence Associates
Architects / Planners P.C.
1075 Tolland Turnpike, Manchester CT. 06042
Dated 06-15-2000

Limited verification and field review.
All conditions and building plans to be field verified and Adjusted.

Date:	
Revisions:	

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Yantic Fire Station
Fire Code Abatement
Modifications / Renovations
151 Yantic Road, Norwich, CT.

Existing Conditions Demolition Work

Lower Level Plan
First Floor Plan
Second Floor / Level Plan

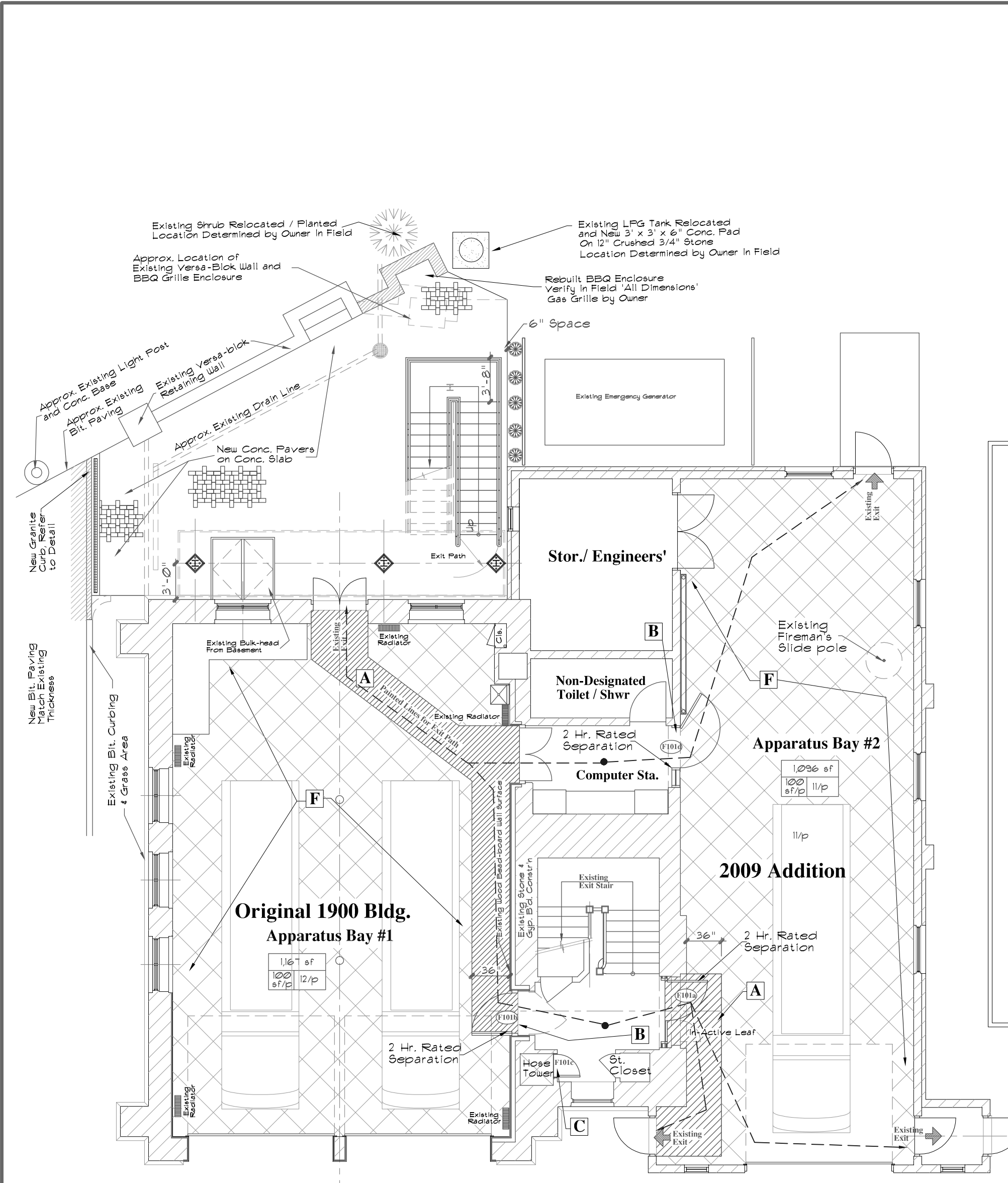
PROJECT NO.: 2017-01-26

SCALE: AS NOTED
DRAWN BY: FRED M.
CHECKED BY:

DATE: April 16, 2018
SHEET OF

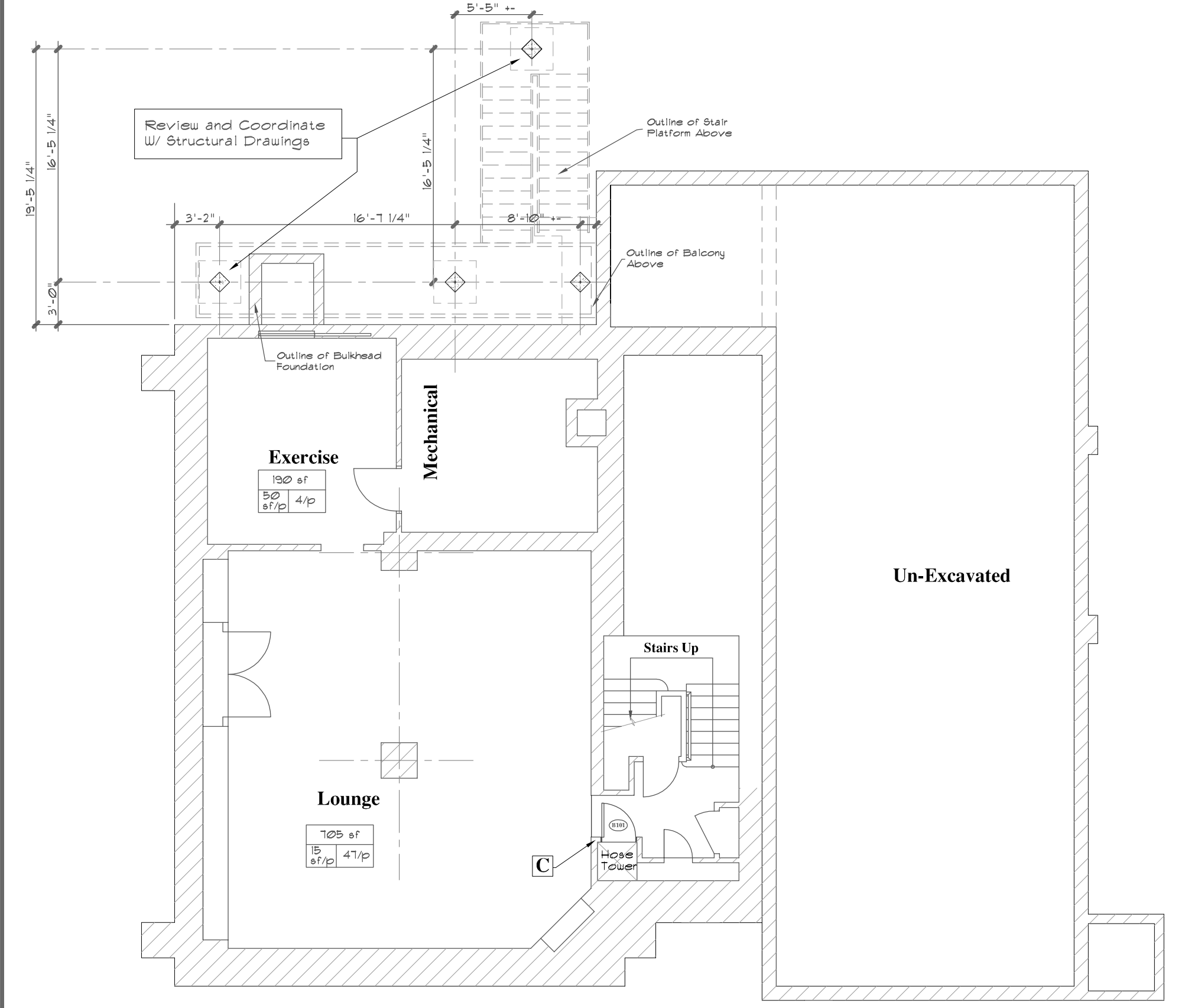
EC
/D1

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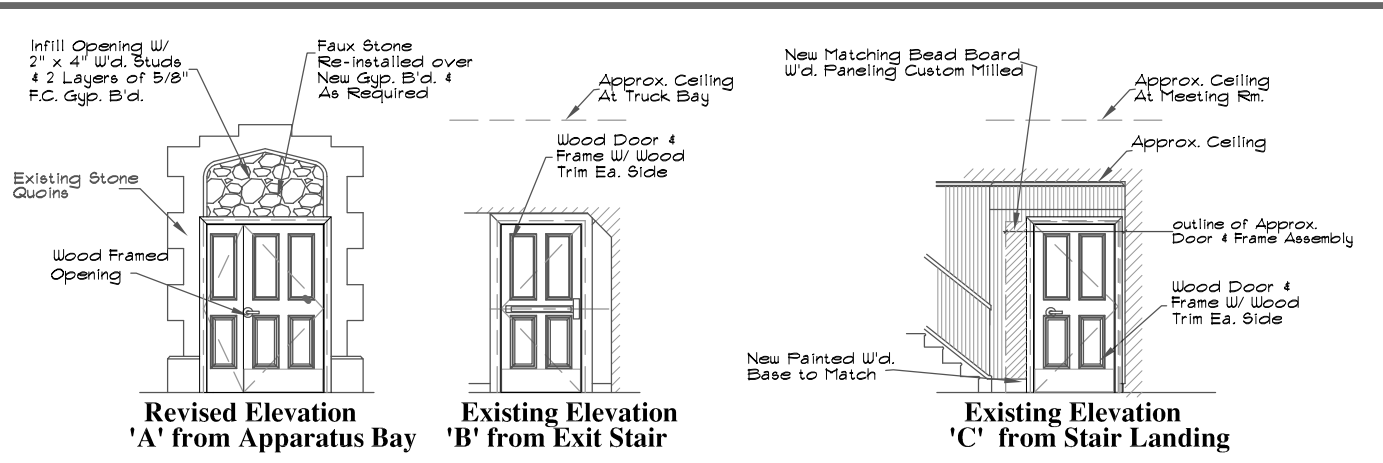
New Work Conditions First Fl. Plan

Scale: 1/8" = 1'-0"



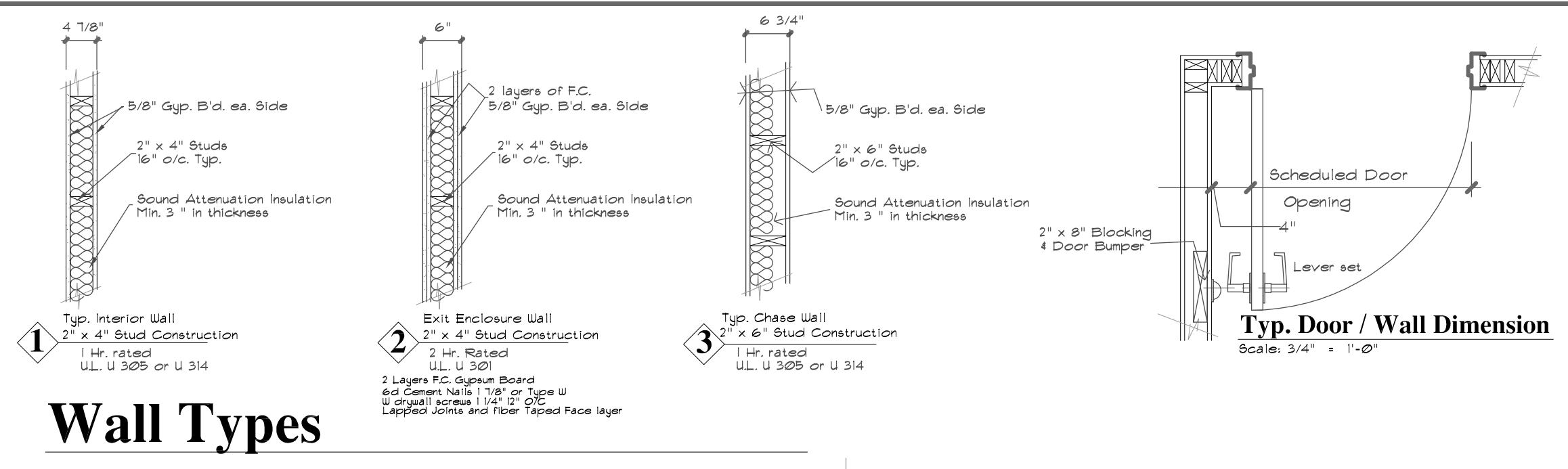
New Work Conditions Basement Level Plan

Scale: 1/8" = 1'-0"

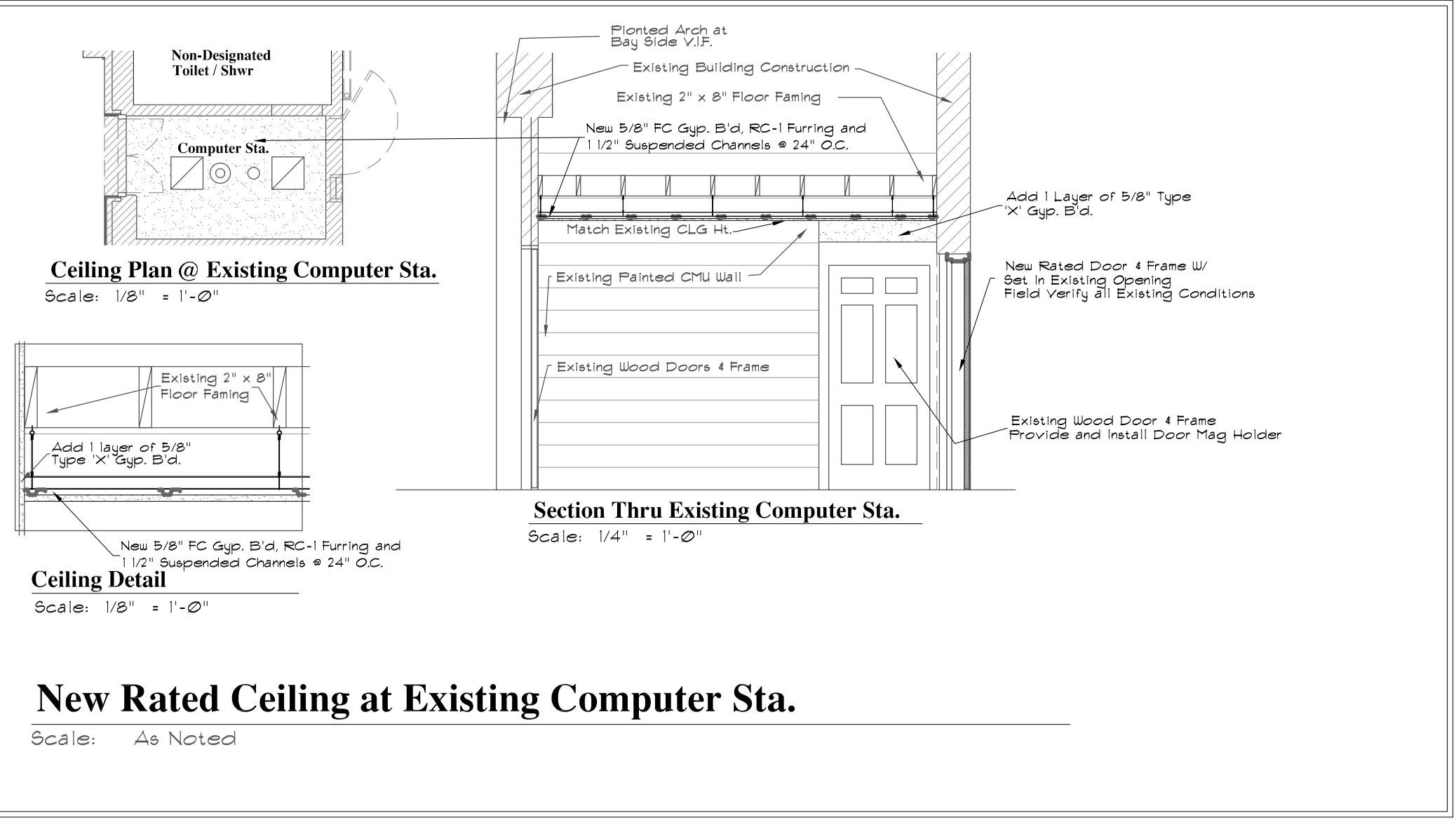


Revised Opening Elevations for Reference

Scale: 1/8" = 1'-0"



Wall Types



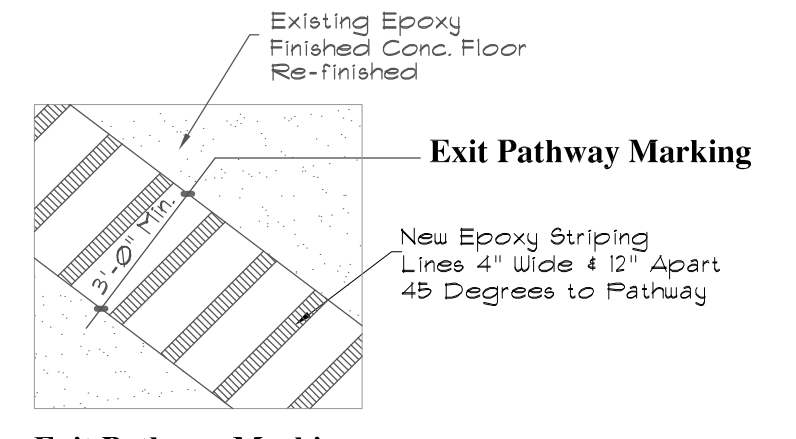
New Rated Ceiling at Existing Computer Sta.

Scale: As Noted

New Work Notes:

- A New painted 'EXIT Pathway' over existing painted conc. floor. Refer to Detail.
- B New Rated Door 4 Frame / wall construction and hardware. Refer to details and information for Rated Opening Protection.
- C Provide and install new 1 hr. rated door, frame 4 hardware. Refer to details and schedules for specified materials and work.
- D Provide and install new 1 hr. rated door, frame 4 hardware. Refer to details and schedules for specified materials and work.
- E New Rated Door, Frame 4 Hardware Installed into existing wall assembly, provide all necessary blocking to properly install to meet indicated rating and operation.
- F New Epoxy Floor Color and Topping across all existing First Floor Conc. floor surfaces. Re-install existing radiators removed for preparation work.

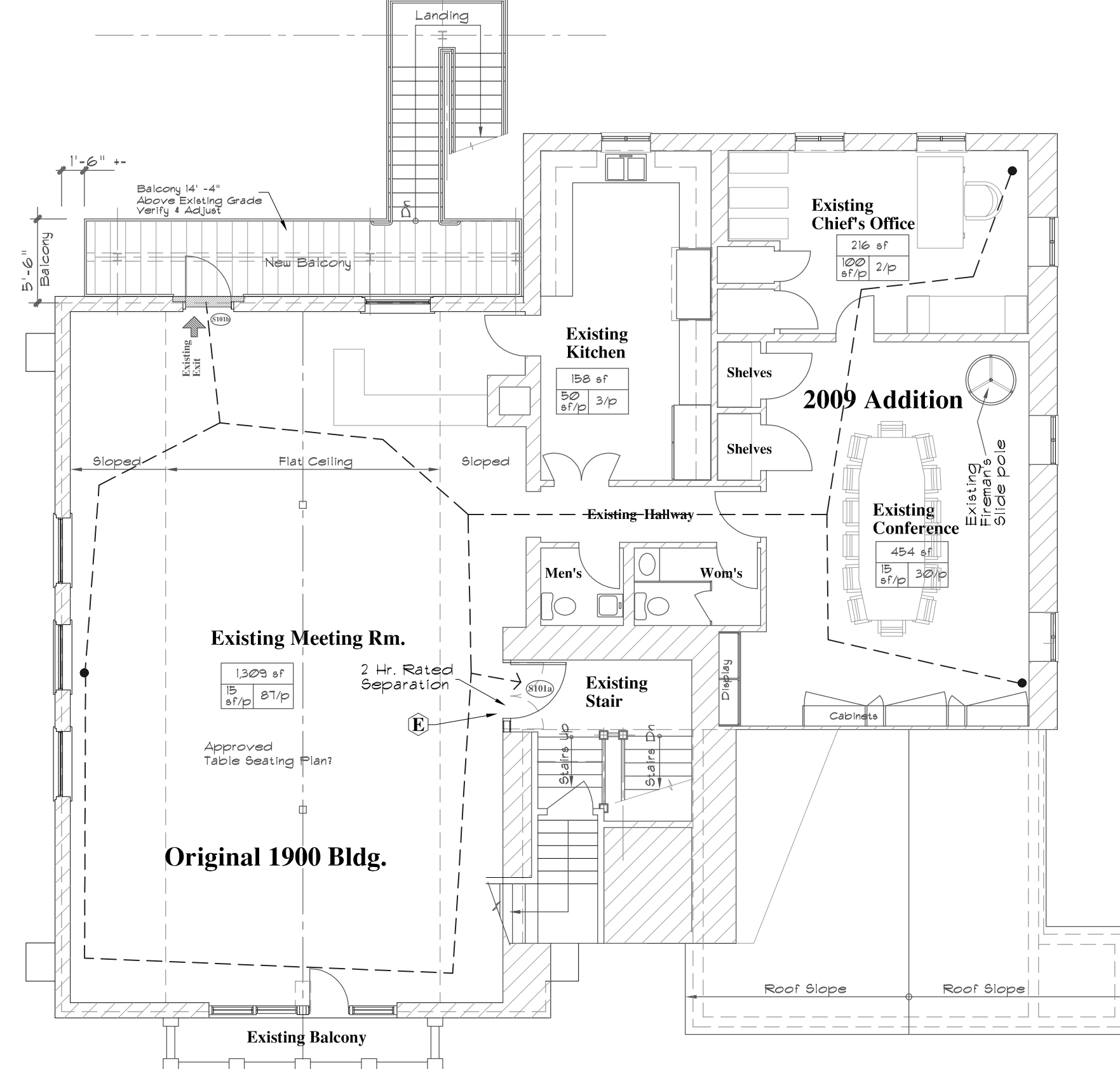
This work to include:
The Yantic Fire Department Logo / Seal at a location so designated in each Apparatus Bay.
The Yantic Fire Department has an electronic Logo/ Seal that will be provided to the flooring contractor for development and installation.



Exit Pathway Marking

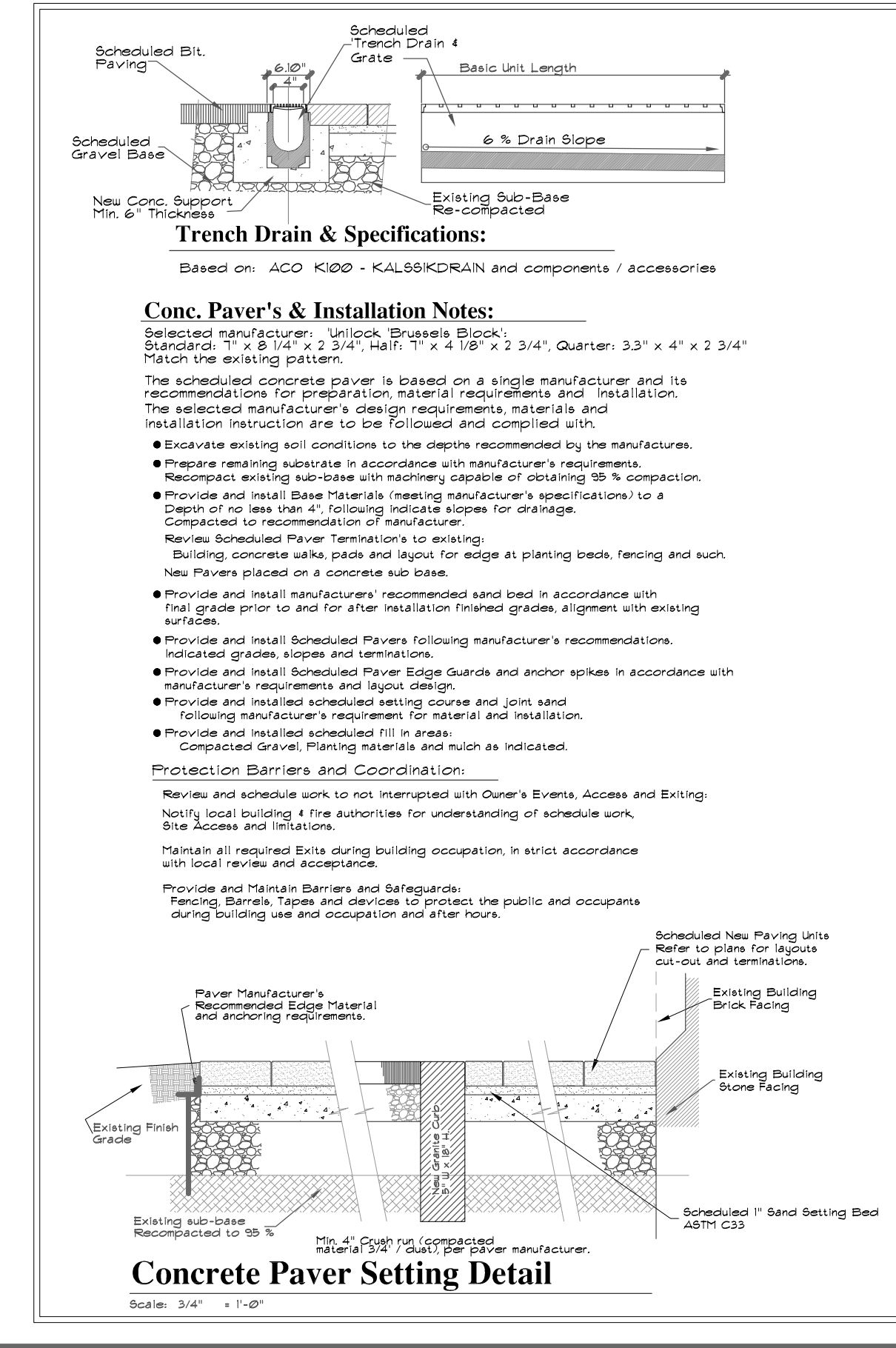
- Field Review and layout scheduled work for review and approval prior to commencement of preparation and application.
- Identify and prepare the existing epoxy finished conc. floor.
- Apply New Epoxy Striping 'Safety Yellow' color as indicated on the architectural drawing and the detail. Following epoxy manufacturer's recommendation and requirements.
- One striping is properly applied and dried, provide and install a clear coat topping.

Existing Epoxy Product:
North East Industrial Floor was the original contractor and shall be the Property Contractor for this Scheduled work.
Contact: Rooney (860) 292-5920



New Work Conditions Second Fl. Plan

Scale: 1/8" = 1'-0"



Date:	
Revisions:	

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Yantic Fire Station
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151 Yantic Road, Norwich, CT.

New Work
Lower Level Plan
First Floor Plan
Second Floor / Level Plan
Fire Escape Information

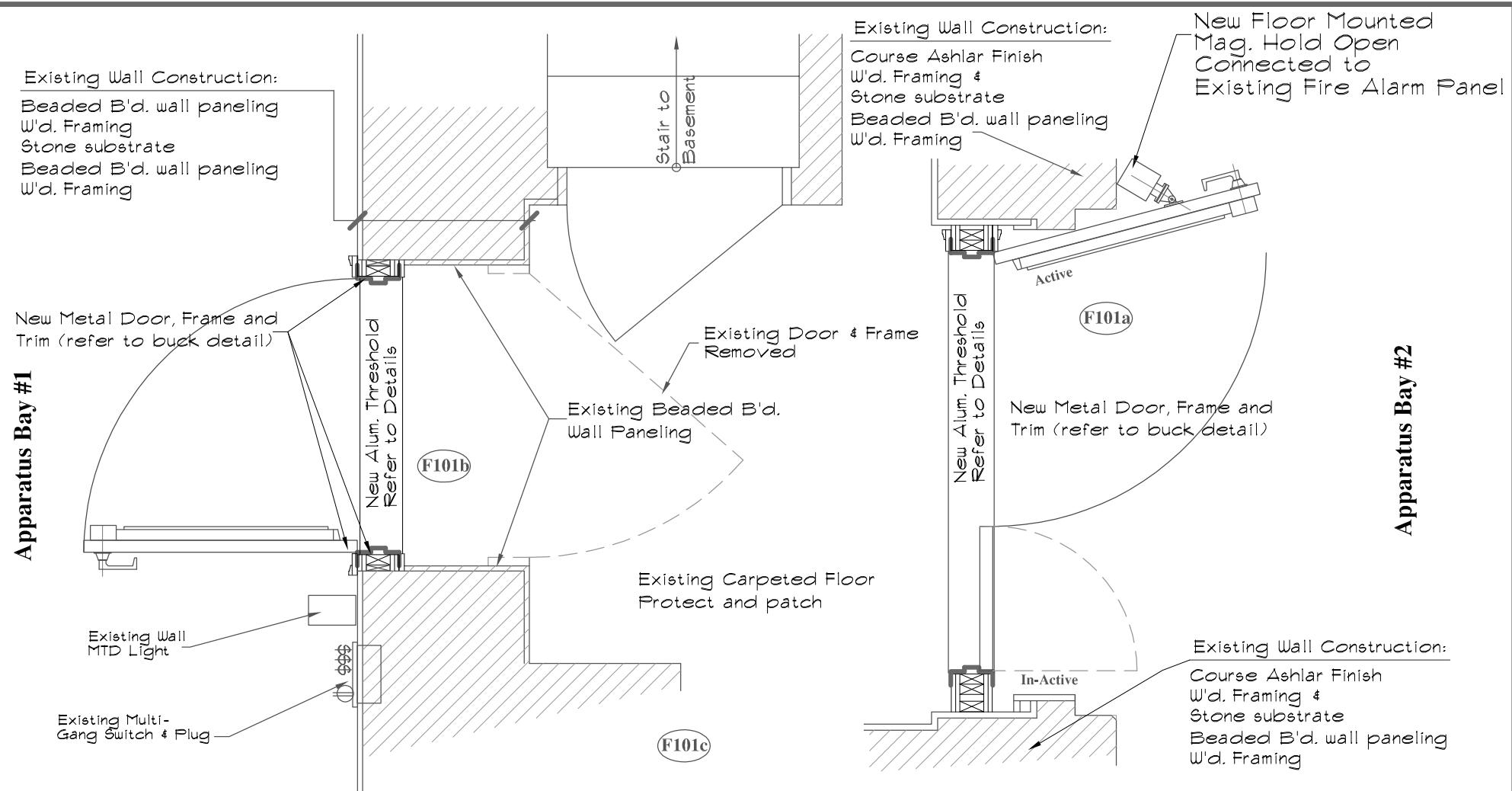
PROJECT NO.: 2017-01-26

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DRAWN BY: FRED M.
CHECKED BY:

DATE: April 16, 2018
SHEET OF

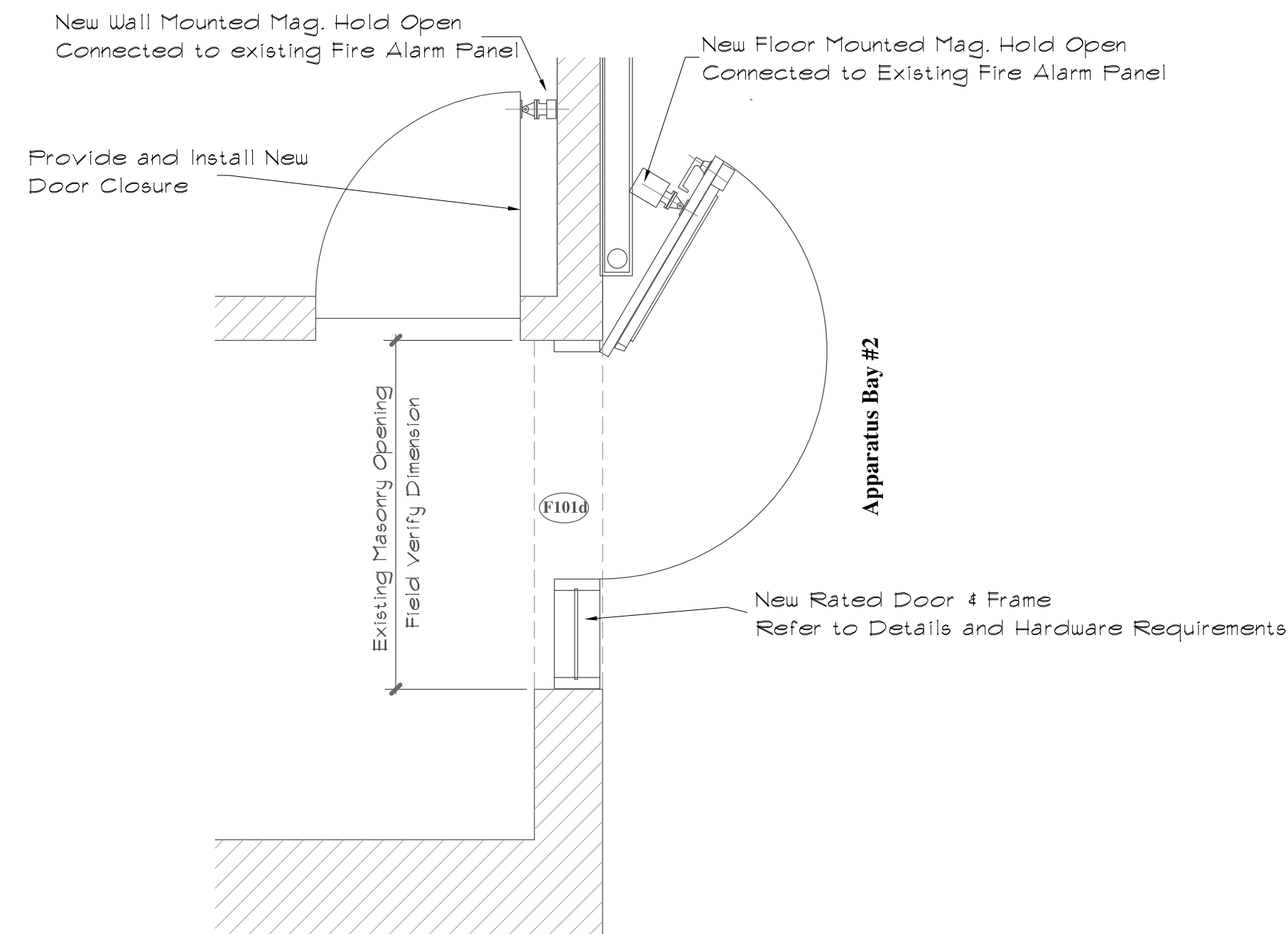
A1

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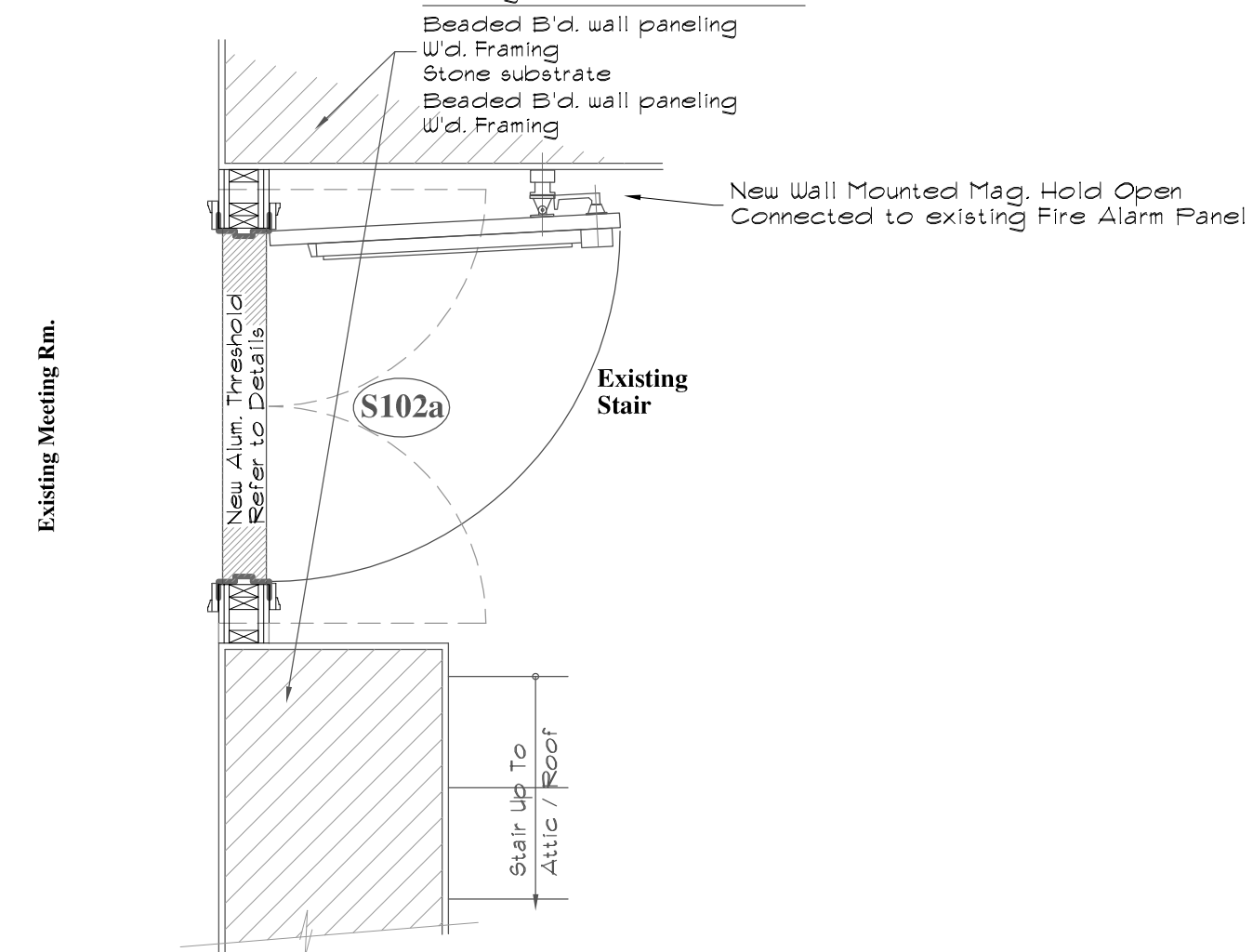
Plan Details of New Doors & Frames 1st. Fl. Exit Stair

Scale: 1/2" = 1'-0"



Plan Details of New Door & Frame 1st. Fl. Computer Sta. to Rear Exit

Scale: 1/2" = 1'-0"



Plan Detail of New Door & Frame 2nd. Fl. Exit Stair

Scale: 1/2" = 1'-0"

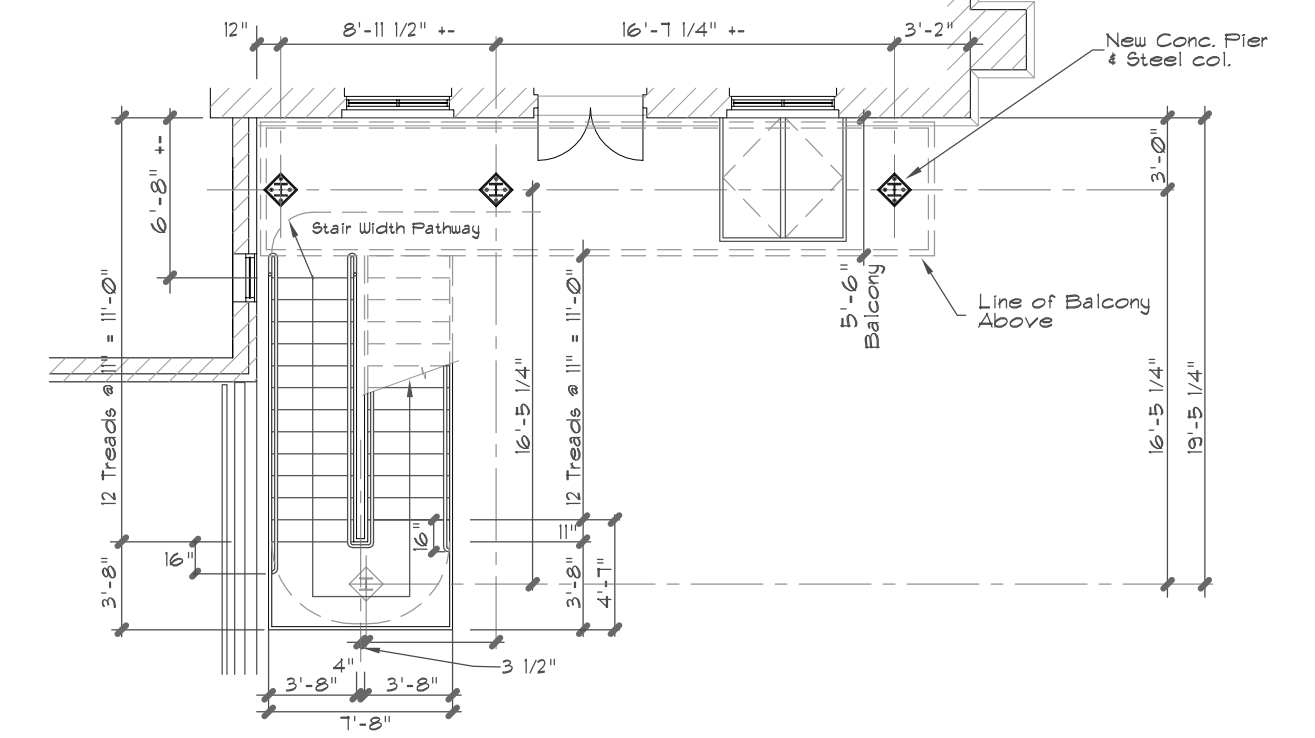
Plan Details of New Doors & Frames

Electrical Contractor Note:
Review and verify existing fire Alarm Panel for capacity to provide and install new scheduled magnetic door Hold-opens to operate and release scheduled doors to Auto Close.



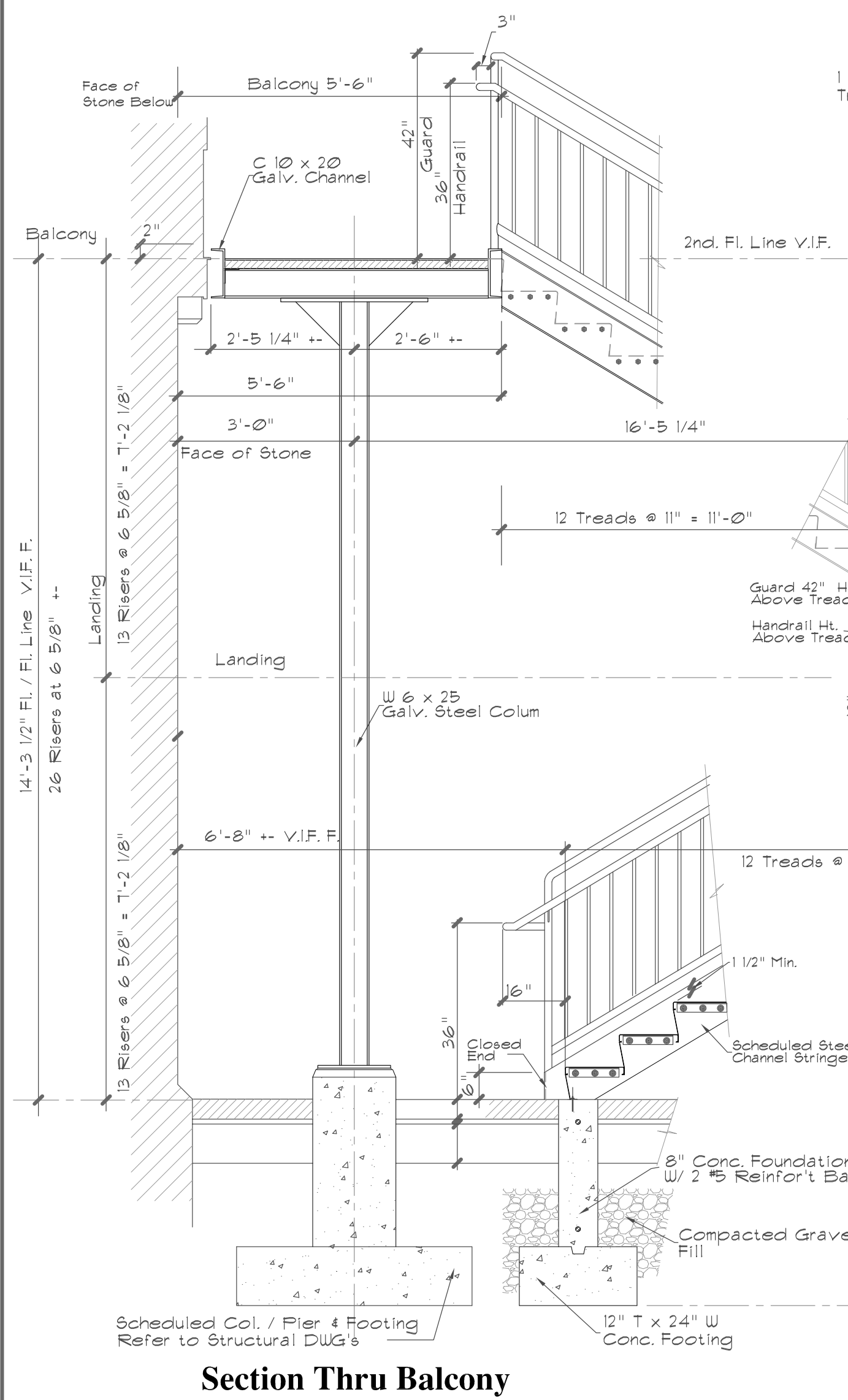
Elevation of New Exit Stair

Scale: 1/8" = 1'-0"



Plan at New Stairs

Scale: 1/8" = 1'-0"



Section Thru Balcony

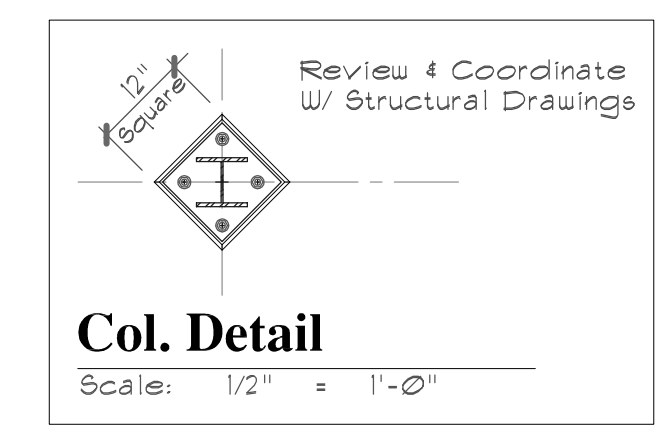
Section / Stair Details

Scale: 1/2" = 1'-0"

Steel Stair Design Requirements:

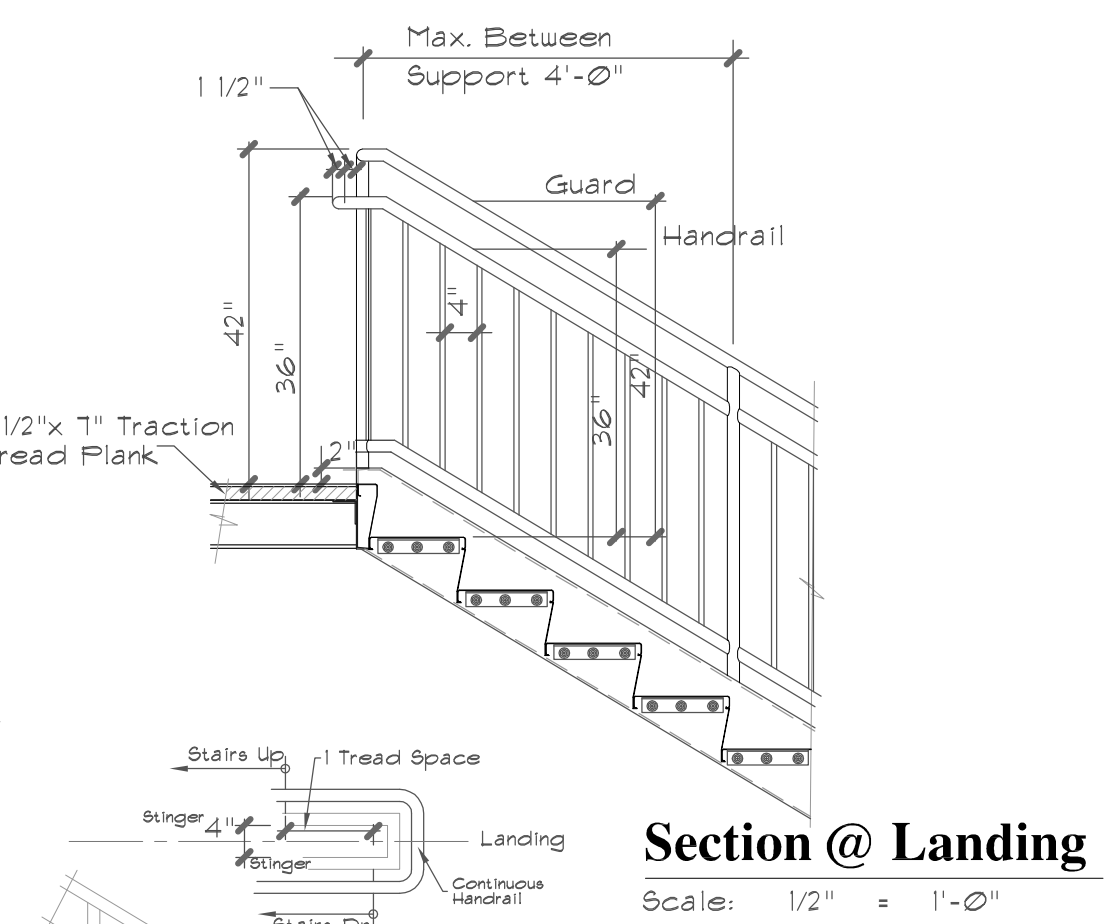
Design Criteria: CT, State Code 2012 IBC + 2016 CT, Amendments
 Grade/ Fl. = 14'-3 1/2" +/- V.I.F. 26 R @ 6 5/8" V.I.F.
 Riser / Tread Max. Riser 7" 4 Min. Tread 11"
 Handrails: 36" Above Stair Nosing
 Handrail Extensions: Typ. 16" W/ Returns.
 Guardrail: 42" Above Stair Nosing 4 Walking Surfaces
 Division Separations Intermediates 4" Space max.
 Min. Non-Slip Treads and painted risers Floor Supported Landings
 Steel Stairs, and Structure: All Steel Hot Dip Galvanized and Powder Coated Final Color Selected by Owner.

Contractor Note:
Where existing steel anchors (bolts, lags, screws etc.) installed in the existing stone finish: Existing stone finish:
 If removable, fill hole with mortar to match. If not removable, grind flush to stone face and paint 1 Coat Primer, 2 coats Rust Resistant Paint finish in color to match



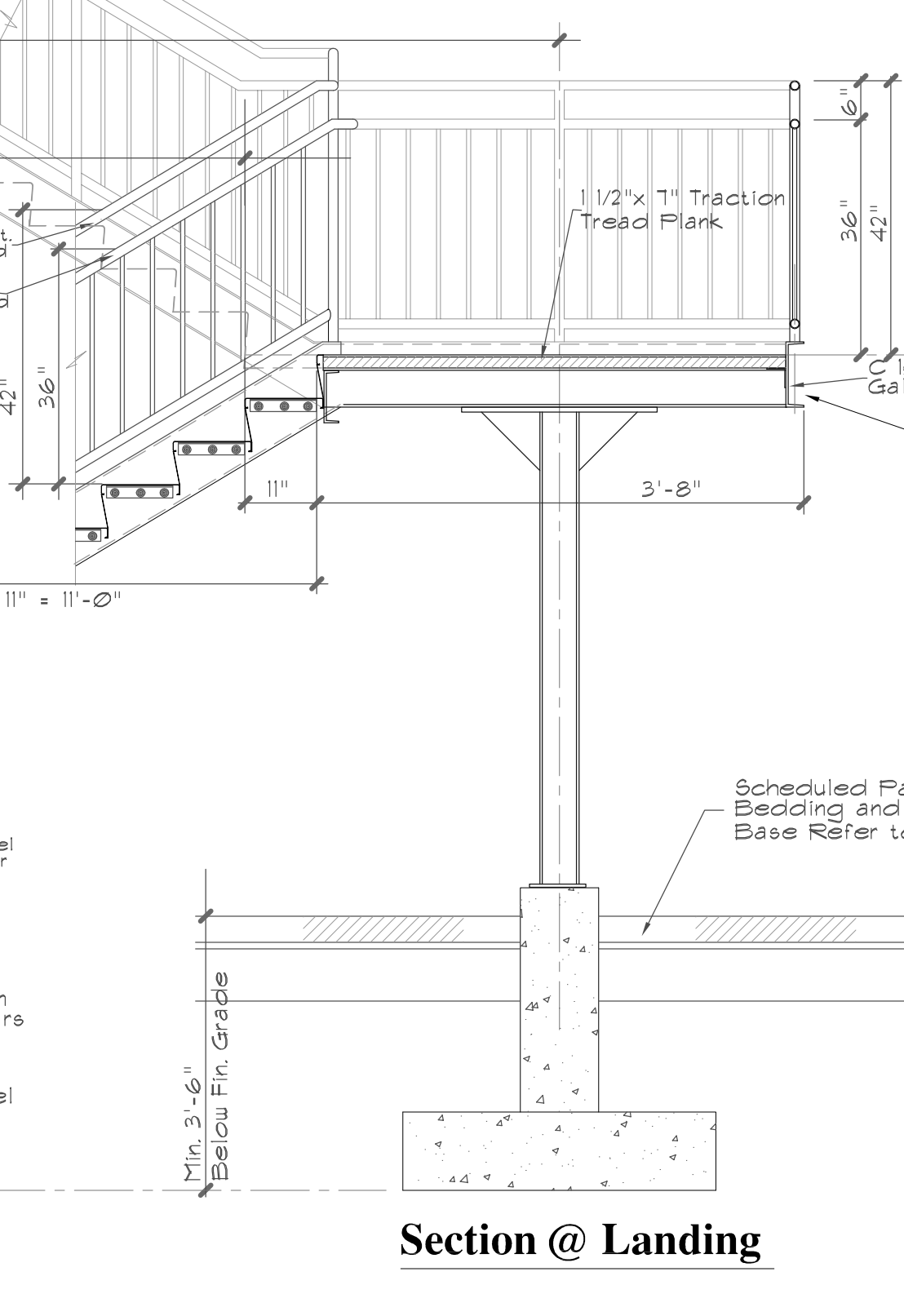
Col. Detail

Scale: 1/2" = 1'-0"



Section @ Landing

Scale: 1/2" = 1'-0"

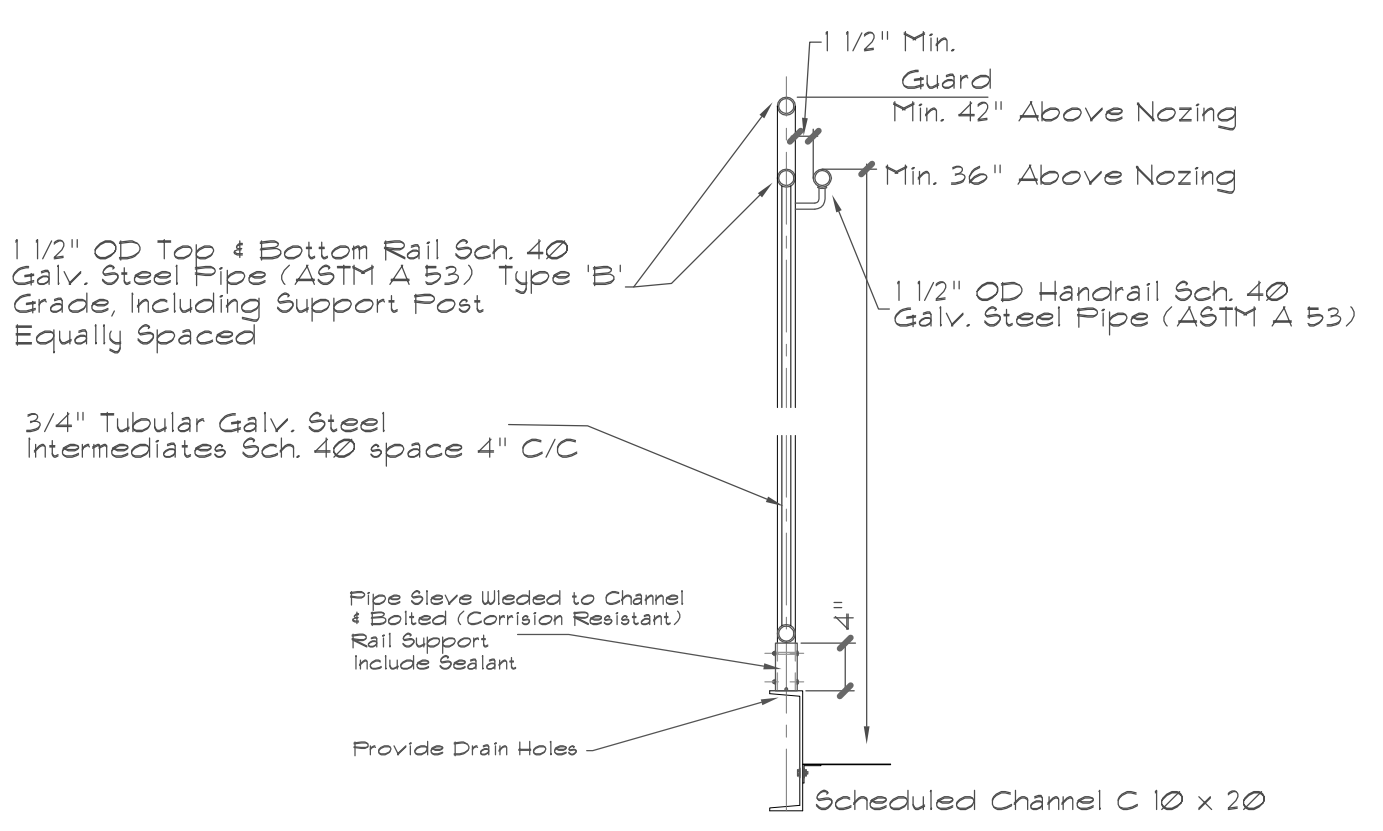


Section @ Landing

Steel Stair and Walking Surfaces, Materials and Construction:

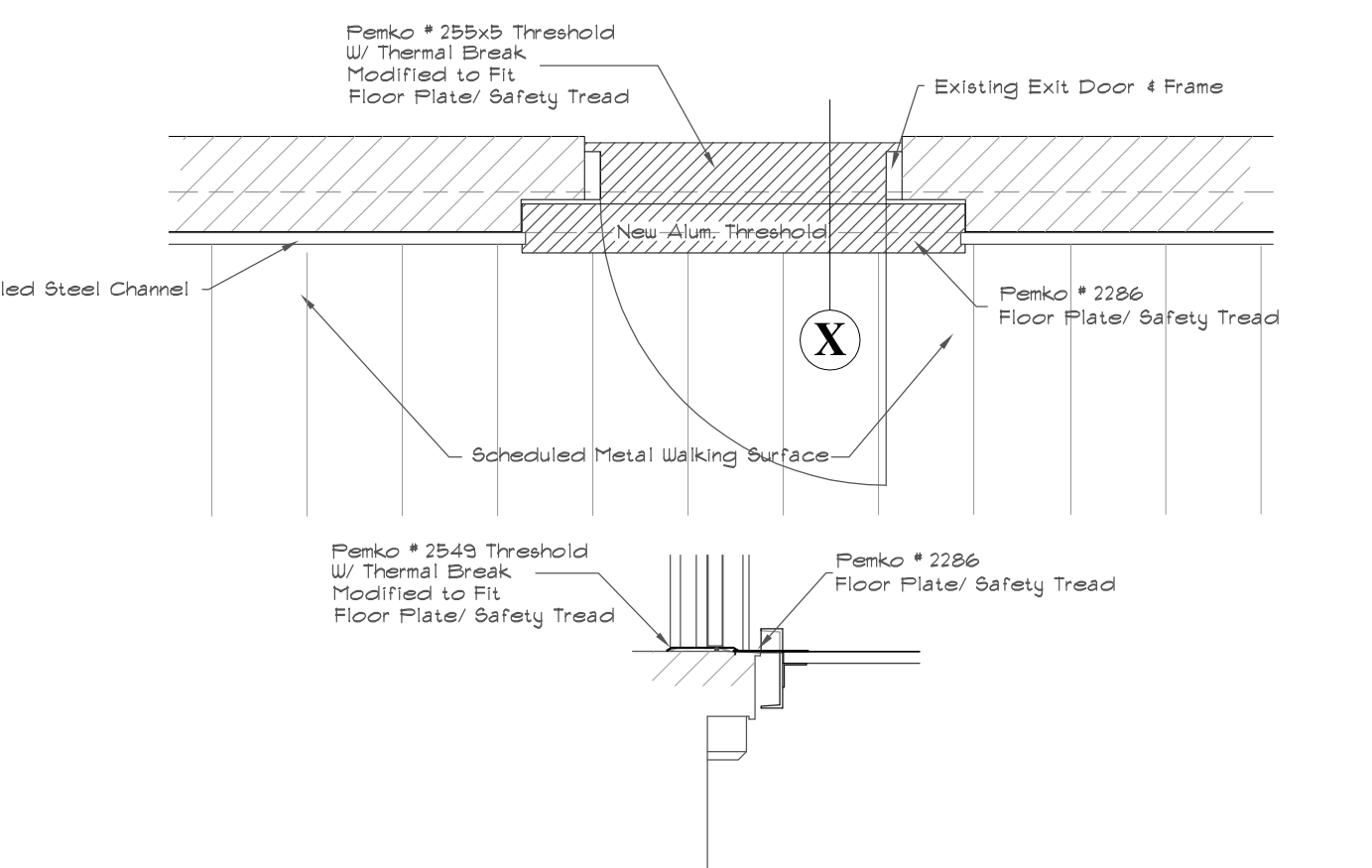
Balcony Traction Plank:
 Equal to: McNicola's Traction Tread Plank # M210B1310
 Nominal 1/2" Depth x 7" width x 11 Gauge, Pre-Galvanized ADA Compliant, approximately 6% open, Hole Size 0.10
 Stairs 4 Risers Traction Plank:
 Equal to: McNicola's Traction Tread Plank # M210B1310
 Nominal 1/2" Depth x 7" width x 11 Gauge, Pre-Galvanized ADA Compliant, approximately 6% open, Hole Size 0.10
 Traction Tread:
 Formed Steel Risers
 Min. 12" ga. St.
 Base Bld: Powder Coated Galvanized Steel. Alternate # 2: Hot Dip Galvanized; Painted.

Finishes:
 All Steel to be Hot Dipped Galvanized in accordance to specific standards for the Powdered Coated Applicator agent.
 Based on Duncan Galvanizing of Everett MA, Duragalv Premium Hot Dip Galvanizing finishing system for a 20 year warranty.
 Colorgalv, Thermoseal 10 Polyamide Epoxy Powder Primer and Fluoropolymer Powder Urethane topcoat for a gloss and color retention of 10 years and 20 year warranty against rust.



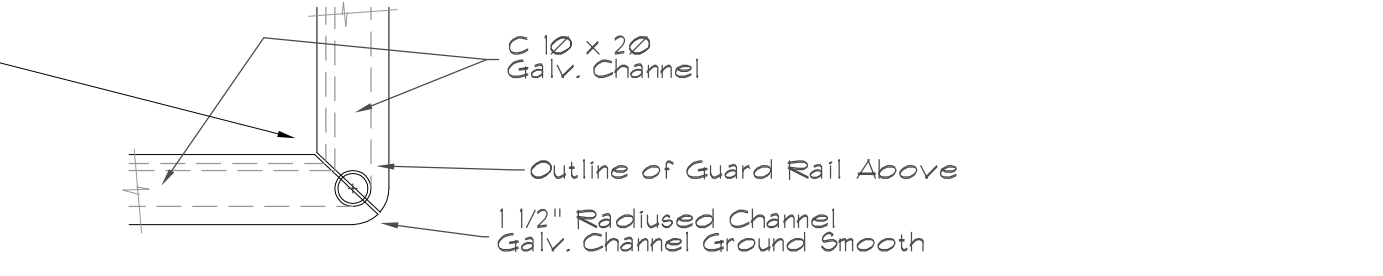
Guard Section

Scale: 3/4" = 1'-0"



Section 'X'

Scale: 1/2" = 1'-0"



Plan Detail Rounded Corner at Landing

Scale: 1 1/2" = 1'-0"

Contractor Note:
 Added care performing excavation work along
 ● Existing building with machinery to avoid damage to Original stone and recent conc. foundation and structure.
 ● Use of hand tools may be required to avoid damage.

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Yantic Fire Station
 Fire Code Abatement
 Modifications / Renovations
 151 Yantic Road, Norwich, CT.

Plan Details for New Doors
 New Exterior Stairs
 Elevations
 Plans
 Sections / Details

PROJECT NO.: 2017-01-26
 SCALE: AS NOTED
 DRAWN BY: FRED M.
 CHECKED BY:
 DATE: April 16, 2018
 SHEET OF

A2

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DOOR SCHEDULE

	DOOR SYMBOL	NEW	DOOR DATA				FRAME DATA				HARDWARE				REMARKS				
			OPENING & SIZE	NUMBER OF LEAFS	MATERIAL	FINISH & TYPE	GLAZING	FINISH & TYPE	DETAILS	GLAZING	FINISH & TYPE	DETAILS	CODE	ADA					
Basement	Existing Stair / Hose Tower	Q101	2' x 6' 8" x 1 3/4"	1	A	HM	HR	MB2	HM	16	1	60 Min.							
First Floor	App. Bay #2 / Existing Stair	F101a	3' x 6' 8" x 1 3/4"	1	B	WDB	1 1/2"	MB1	HM	16	2	90 Min.							
	Existing Stair / App. Bay #1	F101b	3' x 6' 8" x 1 3/4"	1	C	WDB	1 1/2"	MB1	HM	16	1	90 Min.							
	Existing Stair / Hose Tower	F101c	2' x 6' 8" x 1 3/4"	1	A	HM	HR	MB2	HM	16	1	60 Min.							
Second Floor	App. Bay #2 / Office Wk Sta.	F101d	3' x 6' 8" x 1 3/4"	1	C	HM	1 1/2"	MB1	HM	16	4	90 Min.							
	Existing Stair / Existing Meeting	S101a	3' x 6' 8" x 1 3/4"	1	C	HM	1 1/2"	MB1	HM	16	3	90 Min.							
	Existing Meeting Rm. / Ext.	S101b																	

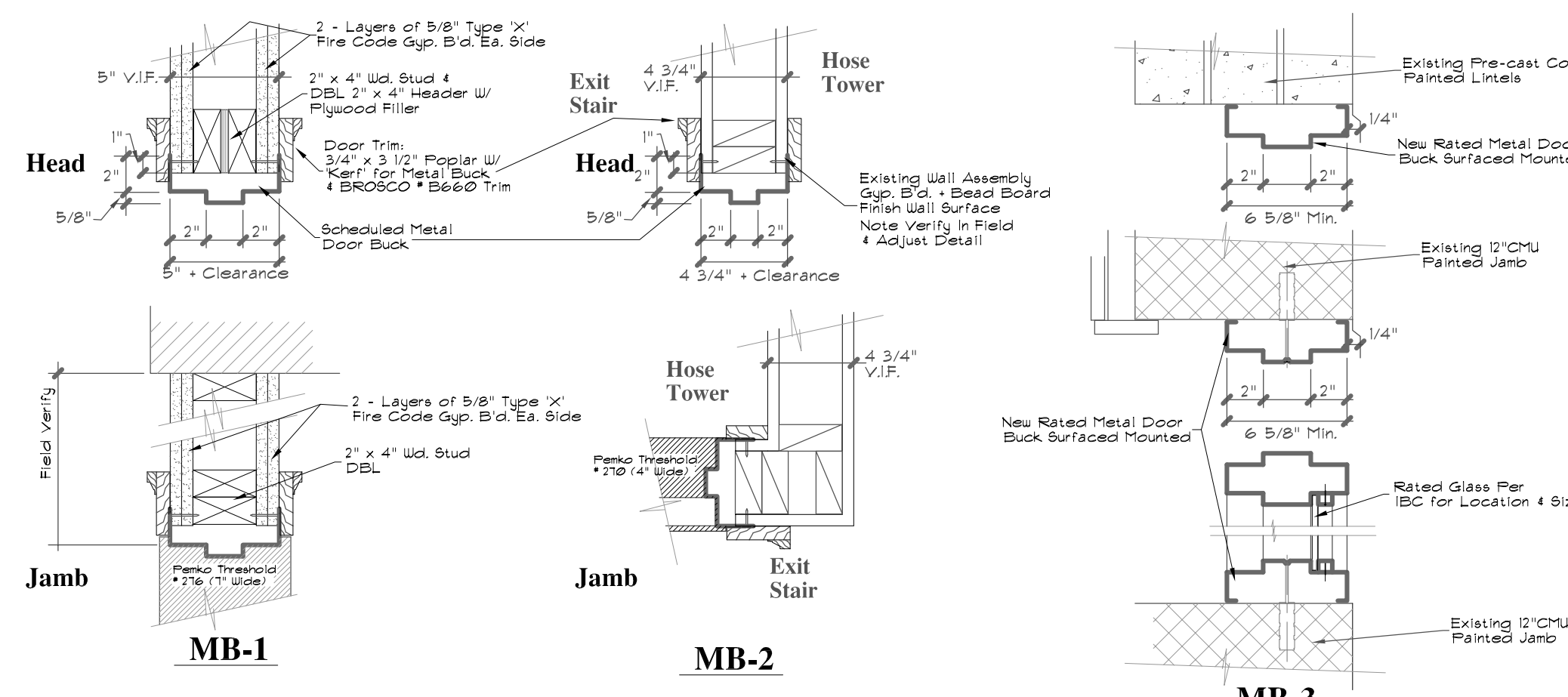
HARDWARE SCHEDULED:

HW-1: (Typical Passage)
 Hinges: Stanley: FBB-199 x 4 1/2" x 4 1/2" x ANSI A511 (US32D)
 Lockset: Corbin / Russwin: CL 3310 Passage, FTS x 626 x Newport NZD x Standard Strike
 Closer: Corbin / Russwin: DC 610 Series Non-handed x A2 x 626 x 11-15 x Through Bolts
 Bumper: Rockwood (floor type) # 442
 Kick Plate: Rockwood # K2060 x 260" Th. Kydex x 1" less than door width x 12" high 1/2" above door bottom.

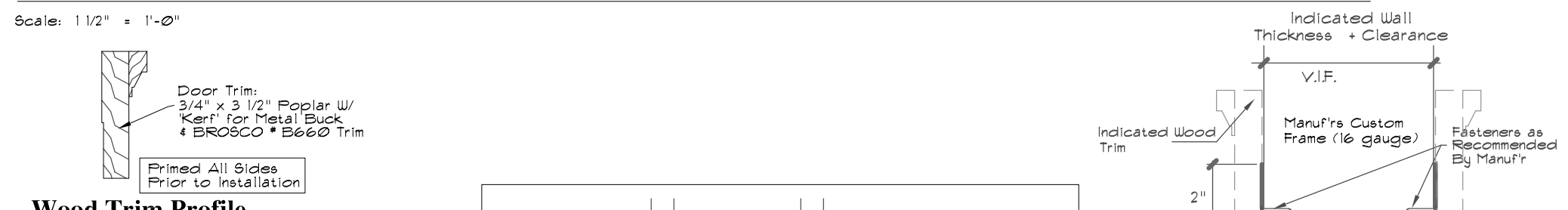
HW-2: (Custom Fabricated Exit Doors Single & Paired Leaf)
 Hinges: Stanley: FBB-199 x 4 1/2" x 4 1/2" x ANSI A511 (US32D)
 Exit Device: Corbin/Russwin: Rim Type EDS200 UL x Passage x 14 x Lustra L910 x Lever Re-entry handle. (No Keyed Entry System)
 Door Eject: Rockwood No. 1905 4 1945 Set for wood doors. Top bolt automatic engagement / Bottom Bolt Fully automatic
 Rockwood No. 1840 4 1842 Set for Hollow Doors
 Closer: Corbin / Russwin: DC 6200 x Through Bolts x A2 x 626 x Through Bolts x Parallel Arm
 Kick plate: Rockwood # K2125 x 125" Th. Kydex x 1" less than door width x 12" high 1/2" above door bottom, interior side only

General Hardware Notes:
 Exterior swinging doors to have Non-Rising Pins (NRP)
 All Thresholds / Saddles set in full width bed of sealant
 All Doors and Frames provided with Clearance per NFPA 80 code for rated and Standard Clearances for Non-Rated
 Typical Clearances:
 Head and Jamb: 1/8"
 Paired Doors: 1/8" Max. per leaf
 Sill Line: 3/4" max. above floor substrate and 1/4" above threshold.
 Kick plates: 1/2" setback at door edges
 All Wood Door have Kick plates Each Side

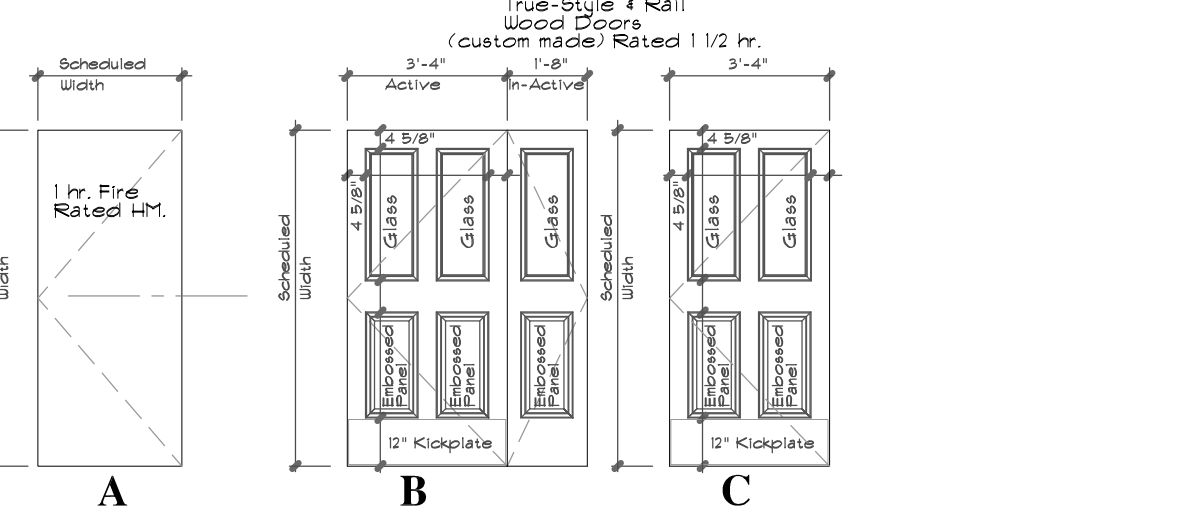
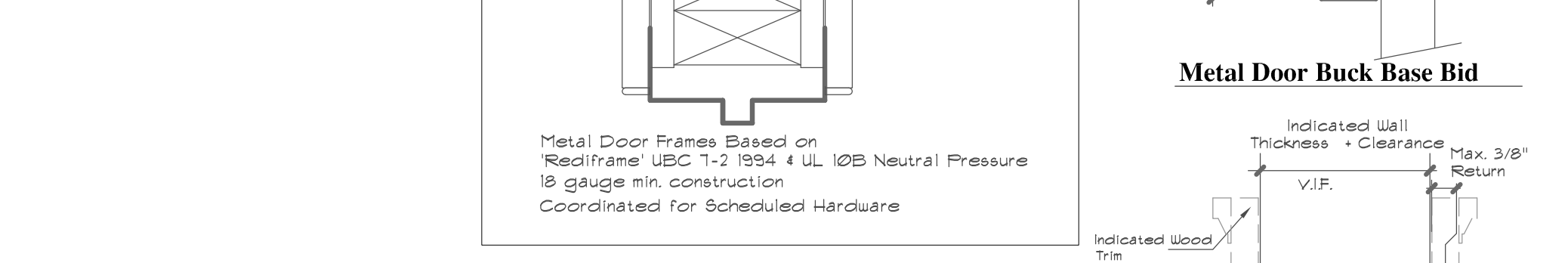
GLAZING:
 A Clear Float Glass 1/4"
 B Wired Glass Type II - 1/4"
 C Glazing for Indicated Door Assembly as indicated in IBC 207, Table 116.3(1) Based on Location (D=1-60)
 D Insulated Glass 1" overall thickness - Tempered Safety Glass
 E Insulated Glass 1" overall thickness - Heat Treated



New Door Buck Details



Wood Trim Profile



Door Specifications:

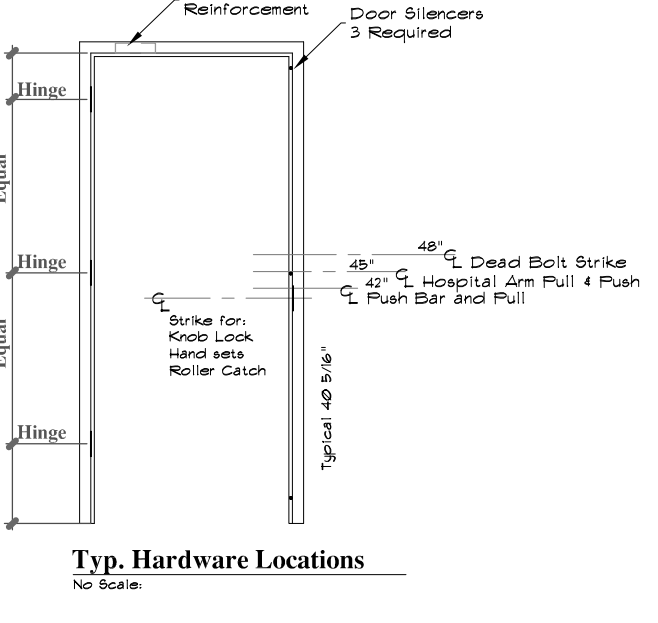
Hollow Metal Slab Doors:
 Equal to Republic Door Co. 49 Min. Rated Hollow Metal DM Series (18 Gauge Steel) Reinforced for Scheduled Hardware. Grade SD1 Heavy Duty Model 1 Core. 3/4" cell non-porous.
 True Style 4 Rail Wood Doors:
 Equal to Hainan Co. 49 Min. Rated Hollow Metal Slab Doors.
 Doors: B101 & F101C
 Fitted to Existing Wall Assembly
 Metal Knock-down Door Frames:
 Equal to Republic Door Co. 49 Min. Rated Hollow Metal DM Series (18 Gauge Steel) Reinforced for Scheduled Hardware. Grade SD1 Heavy Duty Model 1 Nominal 2" face.
 No Set back.
 Double Recessed 1 3/4" Hollow Metal Door Anchored to existing w/d. / gyp. b/d. walls. Provide silleners.
 Doors: F101a, F101b, F101c & S101a
 Based on the Hainan Co. Springfield, IL 2630 S. Mainway, 41-861-0681
 http://www.hainan.com
 true Park-Rouley, Co.
 1 1/2" hr. rated wood raised panel doors. Custom Fabricated with Fire Rated Glass Assemblies in pair. Grade Yenser with factory installed glass.
 Hollow Metal Frames:
 Based on DeFortaine LR Series rated metal frame KD application 2400 Galvanized Steel. 16 gauge. Review drawings and details for Coordination.

Door Assembly Notes:

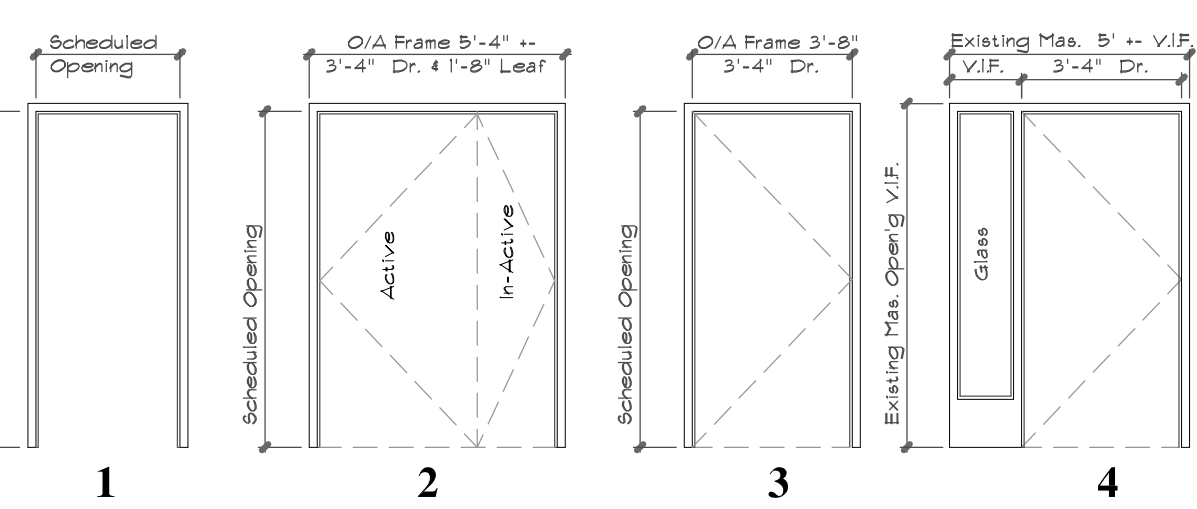
- Paired Doors: Active / Inactive Refer to door elevation for dimensions.
- Field Verify All Conditions, Dimensions, Prior to Ordering indicated Doors and Frames.
- Indicated Doors & Frames Are All Custom Fabricated wood Door, Slugs and Rails and Rated.
- Indicated Doors & Frames Fitted to Existing Rough Wood Framed Opening.

Glazing Requirements:
 IBC 207, Table 116.3(1)
 Fire Rated Glazing Locations

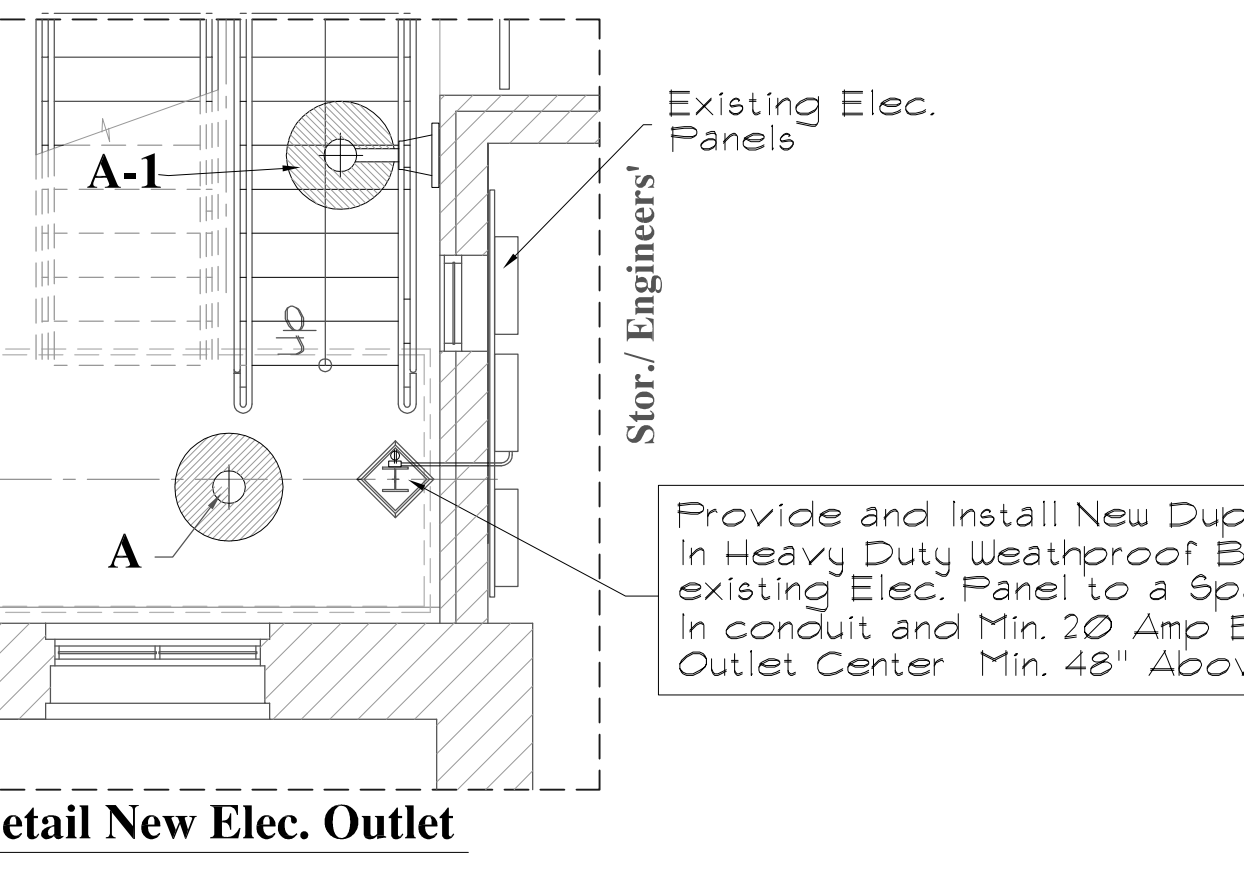
Type of Assembly	Required Rating (hr)	Door Frame	Door Panel	Door Panel	Sealant	Transom Panel	Glazing
Fire Barrier	1 hr.	D=1-40	D=1-40	D=1-40	D=1-40	D=1-40	D=1-40
Fire Exit	2 hr.	D=1-40	D=1-40	D=1-40	D=1-40	D=1-40	D=1-40



Door Elevations



Frame Elevations



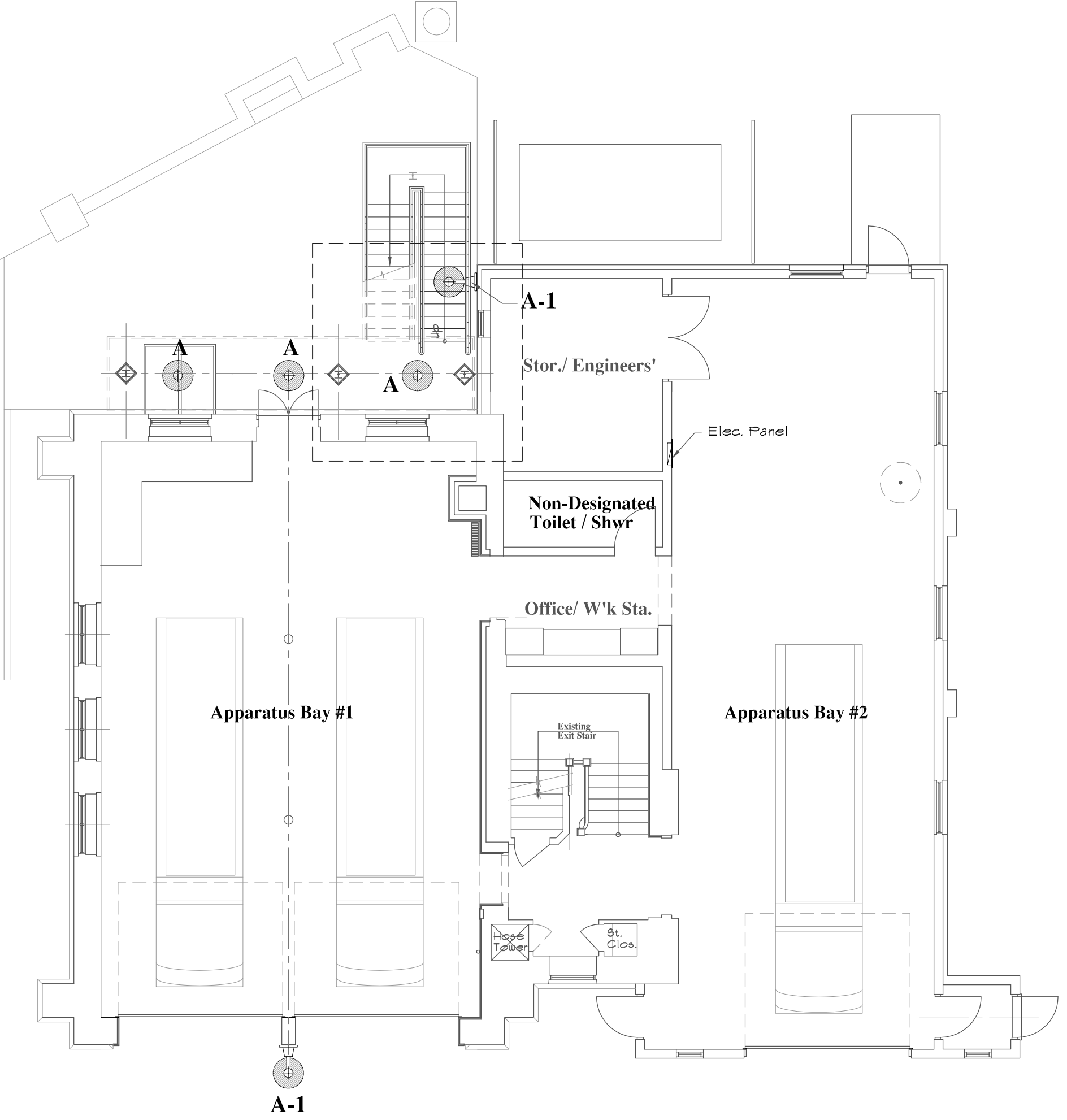
General Information:

- All wiring will be done in rigid galv. steel conduit. Minimum 3/4" in size.
- All wire to be Cu #12 AWG Minimum. All Circuits must have full size ground wire.
- All conduit to be installed, then removed, then clean free of oil & rust, then painted to match the Stair Finish then reinstalled.
- No Compression connectors or coupling will be allowed.
- Power to be taken from the electrical panel in rescue bay.
- New dusk to dawn controller to be installed in attic space as directed.
- 0-10v dimmer to be installed next to controller.
- 2 - GFCI outlets to be installed under the New Exterior Stairs as directed on separate 20 amp, 120v circuits.
- All device & junction boxes shall be cast type, no bell boxes will be allowed.
- All hardware shall be stainless steel, no less than 1/4-20: all bolted connections, hangers, conduits need to have lock washers.

LIGHT FIXTURE SPECIFICATION:
 Sternberg Lighting 1527LED Omega Series
 Fixture: 1527LED SM

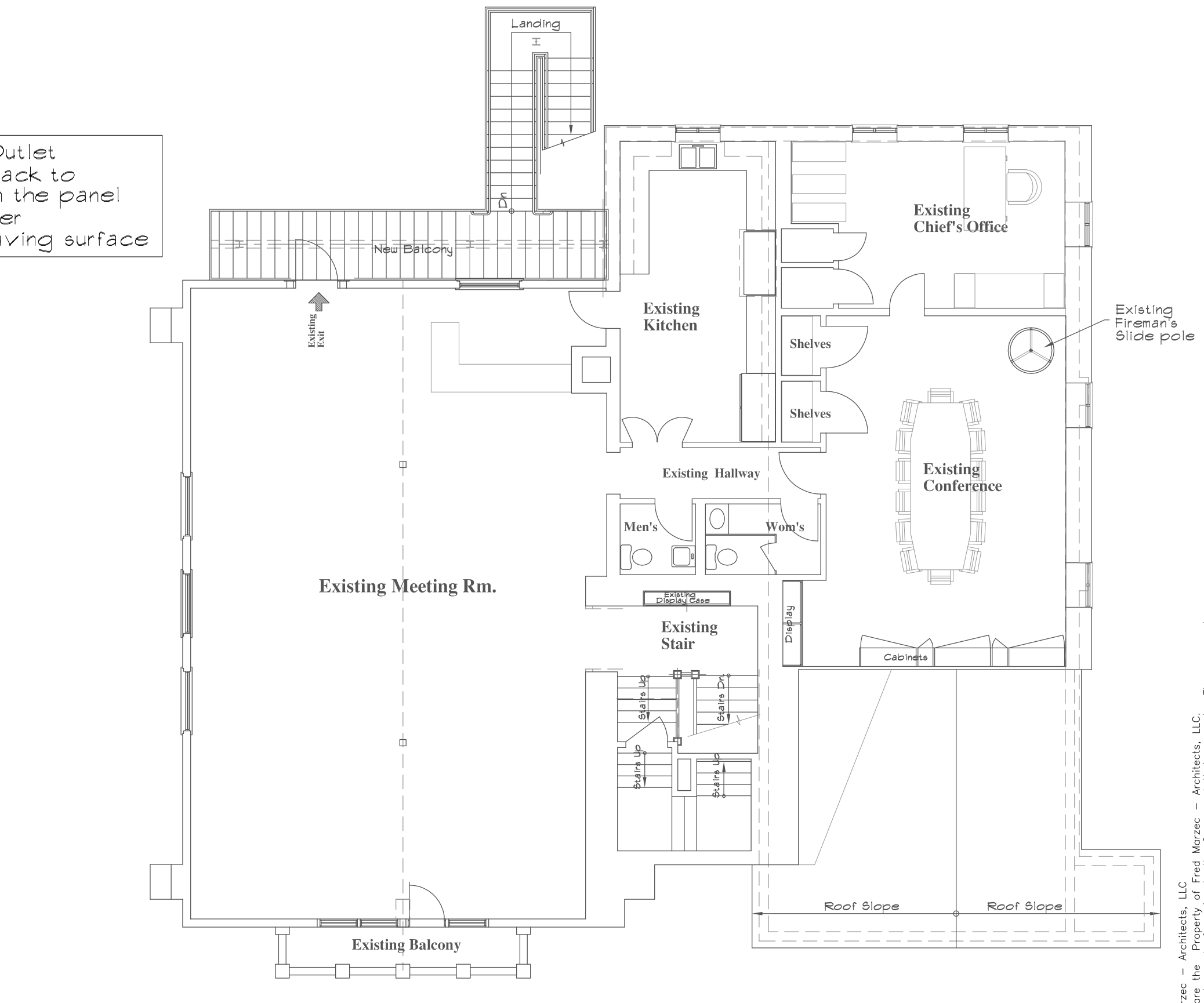
A SH44 -F - TB - CM
 B IW - F - TB - mm - CM

This Contractor is responsible to contact the Fire Chief for Assess and information.
 Review all conditions, and routing of scheduled power / conduits, and locations for fixtures.
 Review the intended layout and routing wit the committee for its approval.
 Provide and Install all electrical work in Full conformance with the National Electrical Code (NEC) 2014 ed.



Existing / New Lighting First Floor Plan

Scale: 1/8" = 1'-0"



Existing / New Lighting Second Floor Plan

Scale: 1/8" = 1'-0"

Date: _____
 Revisions: _____

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Door Schedule Hardware Buck Details

Electrical New Light Fixtures

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A3/
 E-1