

# RENOVATIONS TO THE VINTON WAR MEMORIAL

814 E WASHINGTON AVE  
VINTON, VA

THE TOWN OF VINTON  
311 S. POLLARD STREET  
VINTON, VA 24179

**HUGHES  
ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD STE 300 | ROANOKE, VIRGINIA 24018  
540.342.4002 www.HughesAE.com

**THE TOWN OF VINTON**  
JAMIE HURT, CAPITAL PROJECTS DIRECTOR  
311 S. POLLARD STREET  
VINTON, VA 24179

**ARCHITECT**  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS, PC  
3800 ELECTRIC ROAD, SUITE 300  
ROANOKE, VIRGINIA 24018  
540.342.4002  
PROJECT MANAGER: SHAWN EMMONS  
SEMMONS@HughesAE.com

**CONSULTANTS**  
**MECHANICAL ENGINEER**  
MANN & ASSOCIATES  
306 MARKET STREET SE  
ROANOKE, VIRGINIA 24011  
540.344.5513  
jmann@mannassociatesinc.com

**STRUCTURAL**  
DAY & KINDER, CONSULTING ENGINEERS  
P.O. BOX 20187  
3536 BRAMBLETON AVE.  
ROANOKE, VIRGINIA 24018  
540.774.5706  
jay@dayandkinder.com

## SHEET LIST

T-1	COVER SHEET	I0.0	GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS
C-000	ROANOKE COUNTY COVER SHEET	I0.1	FINISH LEGEND
C-100	SITE PLAN	I1.1	FIRST AND SECOND FLOOR FINISH PLANS - A
C-200	SITE DETAILS AND NOTES	I1.2	FIRST FLOOR FINISH PLAN - B
		IF1.1	FIRST AND SECOND FLOOR FURNITURE PLAN - A
		IF1.2	FIRST FLOOR FURNITURE PLAN - B
LS-0	BASEMENT LIFE SAFETY PLAN	MD1-0	BASEMENT PLAN - MECHANICAL DEMOLITION
LS-1	FIRST FLOOR LIFE SAFETY PLAN	MD1-1	FIRST FLOOR PLAN - MECHANICAL DEMOLITION
LS-2	SECOND FLOOR LIFE SAFETY PLAN	MD1-2	SECOND FLOOR PLAN - MECHANICAL DEMOLITION
S0-1	PARTIAL BASEMENT FLOOR PLAN - STRUCTURAL	M1-0	BASEMENT PLAN - MECHANICAL
AD-0	BASEMENT DEMOLITION PLAN	M1-1	FIRST FLOOR PLAN - MECHANICAL
AD-1	FIRST FLOOR DEMOLITION PLAN	M1-2	SECOND FLOOR PLAN - MECHANICAL
AD-2	SECOND FLOOR DEMOLITION PLAN		
AD-3	ROOF DEMOLITION PLAN	M2-1	SCHEDULES, DETAILS, AND SPECS. - MECHANICAL
AD-4	BASEMENT CEILING DEMOLITION PLAN	M2-2	SCHEDULES AND SPECS. - PLUMBING
AD-5	FIRST FLOOR CEILING DEMOLITION PLAN		
AD-6	SECOND FLOOR CEILING DEMOLITION PLAN		
A1-0	BASEMENT FLOOR PLAN	E0-1	STANDARDS, SYMBOLS, & ABBREVIATIONS
A1-1	FIRST FLOOR PLAN	E0-2	ELECTRICAL SPECIFICATIONS
A1-2	SECOND FLOOR PLAN	E0-3	ELECTRICAL SITE NEW WORK PLAN
A1-3	ROOF PLAN	ED0-0	BASEMENT ELECTRICAL DEMOLITION PLAN
A1-4	ENLARGED PLANS & INTERIOR ELEVATIONS	ED0-1	FIRST FLOOR ELECTRICAL DEMOLITION PLAN
A1-5	ENLARGED PLANS & INTERIOR ELEVATIONS	ED0-2	SECOND FLOOR ELECTRICAL DEMOLITION PLAN
A1-6	ENLARGED PLANS	E1-0	BASEMENT LIGHTING NEW WORK PLAN
A2-1	SCHEDULES AND DETAILS	E1-1	FIRST FLOOR LIGHTING NEW WORK PLAN
A2-2	SCHEDULES AND DETAILS	E1-2	SECOND FLOOR LIGHTING NEW WORK PLAN
A2-3	SCHEDULES AND DETAILS	E1-3	BASEMENT POWER NEW WORK PLAN
		E1-4	FIRST FLOOR POWER NEW WORK PLAN
		E1-5	SECOND FLOOR POWER NEW WORK PLAN
A3-1	EXTERIOR ELEVATIONS - NORTH & SOUTH	E4-1	LIGHTING FIXTURE SCHEDULE & DETAILS
A3-2	EXTERIOR ELEVATIONS - EAST & WEST	E4-2	ELECTRICAL DETAILS
A3-3	PREFINISHED ALUMINUM PERGOLA - ADD ALT NO. 1	E5-1	ELECTRICAL RISER DIAGRAM
A5-1	SECTIONS	E5-2	ELECTRICAL PANEL SCHEDULES
A5-2	SECTIONS		
A6-1	DETAILS		
A7-0	BASEMENT REFLECTED CEILING PLAN		
A7-1	FIRST FLOOR REFLECTED CEILING PLAN		
A7-2	SECOND FLOOR REFLECTED CEILING PLAN		
A7-3	BULKHEAD LAYOUT		
A7-4	METAL PANEL LAYOUT		
A7-5	ACOUSTICAL PANEL LAYOUT		
A7-6	PANEL FRAMING LAYOUT		
A7-7	UNISTRUT SUPPORT LAYOUT		
A7-8	WOOD FRAMING LAYOUT		

## CODE COMPLIANCE

### GENERAL BUILDING INFORMATION

BUILDING ADDRESS: 814 E. WASHINGTON AVE  
JURISDICTION: TOWN OF VINTON  
TAX MAP OR PARCEL NO.: 060.18-06-33.00-0000  
ZONING: RESIDENTIAL-BUSINESS DISTRICT  
BUILDING IS LOCATED IN HISTORIC DISTRICT  
BUILDING IS LOCATED IN A FLOOD PLAIN  
BUILDING WAS BUILT PRIOR TO 1985  
(ASBESTOS REPORT SUBMITTED)  
BUILDING IS CURRENTLY ACCESSIBLE PER CHAPTER 11

ADDITIONAL DRAWINGS TO BE SUBMITTED AT A LATER DATE: FIRE SPRINKLERS  
FIRE ALARMS

### APPLICABLE BUILDING CODES:

☐ 2021 VIRGINIA CONSTRUCTION CODE (USBC PART I, IBC)  
☐ 2021 VIRGINIA RESIDENTIAL CODE  
☒ 2021 VIRGINIA EXISTING BUILDING CODE (USBC PART II)  
☐ 2021 VIRGINIA ENERGY CONSERVATION CODE  
☒ 2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS & FACILITIES

### TYPE OF WORK

☐ NEW BUILDING  
☒ EXISTING BUILDING  
☒ ALTERATION  
☐ REPAIR  
☐ ADDITION  
☐ CHANGE OF OCCUPANCY  
☐ LEVEL 1  
☒ LEVEL 2

### OCCUPANCY INFORMATION

PRIMARY OCCUPANCY: A-2, ASSEMBLY (BALLROOM)  
(EXST OCCUPANCIES) B, BUSINESS (ADMINISTRATIVE OFFICES)  
S-1, MODERATE HAZARD STORAGE  
(MIXED USE, NON SEPARATED)  
ACCESSORY USES: NA  
INCIDENTAL USES: NA  
PERCENTAGE OF OVERALL AREA: NA  
SPECIAL OCCUPANCIES: NA

### BUILDING DATA

CONSTRUCTION TYPE:  
☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV HT ☐ V-A ☒ V-B  
(1996 BOCA, 2C, UNPROTECTED)  
MIXED CONSTRUCTION ☒ NO ☐ YES  
TYPES

SPRINKLERS ☐ NO ☒ YES  
FIRE ALARM ☐ NO ☒ YES

BUILDING HEIGHT 2 STORIES

GROSS BUILDING AREA 14,760 SF

REPAIR = EXST STAIR FROM FIRST TO SECOND FLOOR  
LEVEL 1 ALTERATION = BALANCE OF THE BASEMENT, FIRST FLOOR & SECOND FLOOR  
LEVEL 2 ALTERATION = SECOND FLOOR ADMINISTRATIVE OFFICES

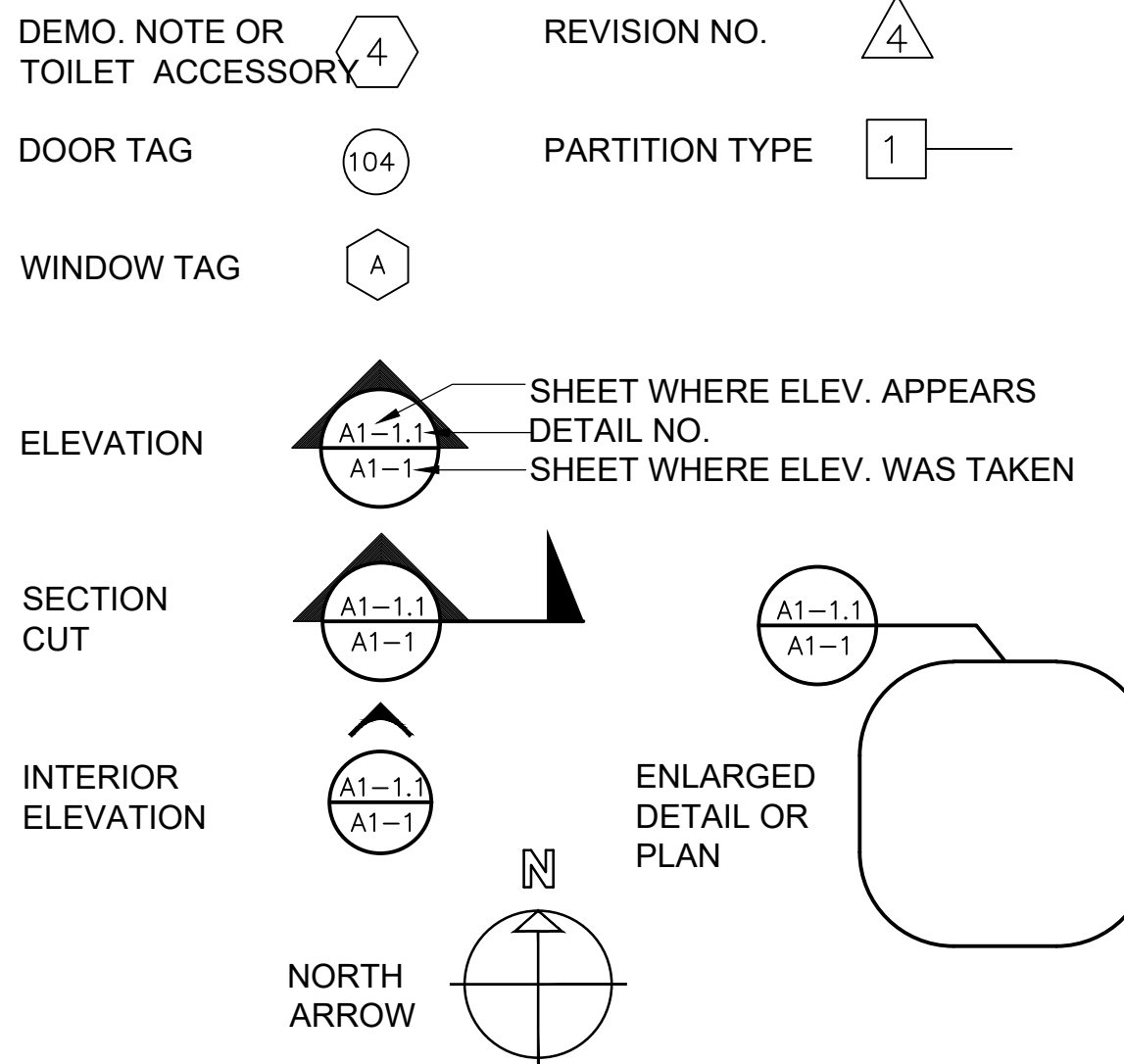
### EXISTING BUILDING INFORMATION

THE EXISTING BUILDING WAS DESIGNED AND CONSTRUCTED AROUND 1960 & RENOVATED IN 2006 AND IS CONSISTENT WITH CODE AND CONSTRUCTION PRACTICES OF THAT TIME. THERE WILL BE NO CHANGE OF USE IN THE OCCUPANCY CLASSIFICATION AS A RESULT OF THESE REPAIRS & ALTERATIONS.

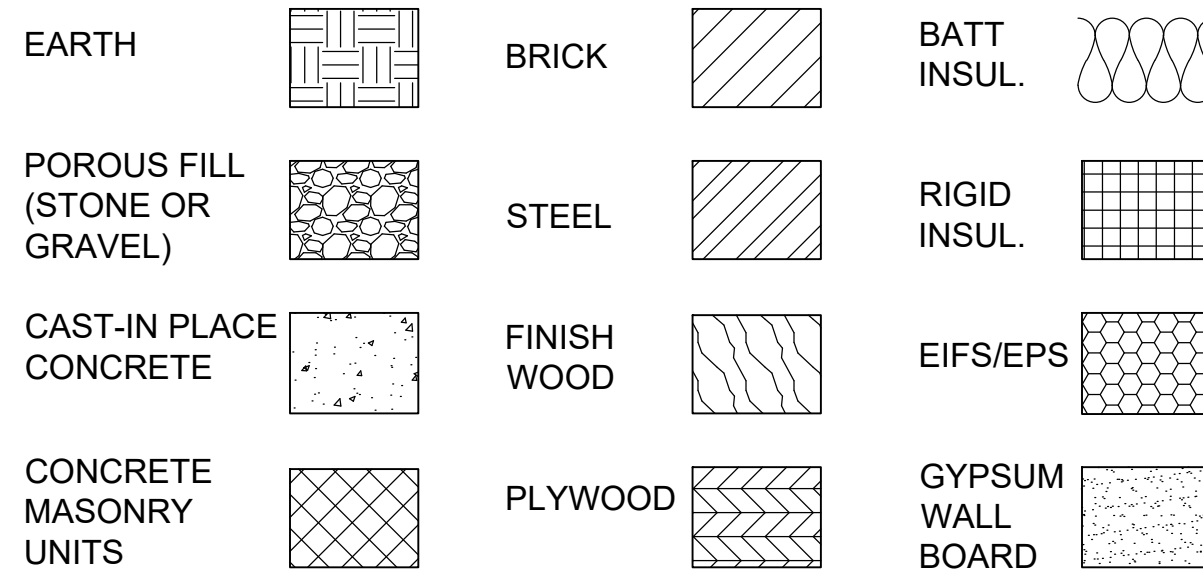
IT IS THE INTENT OF THIS ALTERATION TO MAINTAIN THE PRESENT DEGREE OF PUBLIC SAFETY AND GENERAL WELFARE CURRENTLY PROVIDED BY THE CONDITIONS IN THE EXISTING BUILDING.

THE ENTIRE BUILDING IS SERVED BY EMERGENCY POWER. GENERATOR IS LOCATED ADJACENT TO THE BUILDING, BEHIND THE BUILDING, ALONG THE NORTH SIDE.

## DRAWING SYMBOLS



## MATERIAL SYMBOLS



DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

**HUGHES  
ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002 www.HughesAE.com

Renovations  
to  
THE VINTON WAR MEMORIAL  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

PROJECT  
INFO., CODE  
COMPLIANCE  
SYMBOLS &  
NOTES

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN  
EMMONS  
Lic. No. 014051  
ARCHITECT

COMMISSION No.  
24058.001  
SHEET  
T-1

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



#### PRE-CONSTRUCTION MEETING AND CONSTRUCTION COMMENCEMENT:

1. All construction methods and materials shall conform to the Construction Standards and Specifications of Roanoke County, the Western Virginia Water Authority, and the Virginia Department of Transportation.
2. Stormwater Management Agreements with an attached 8 1/2" x 11" or 8 1/2" x 14" plate must be approved and recorded prior to the pre-construction meeting.
3. Once all required items are submitted to Roanoke County, the developer must contact the Development Review Coordinator to indicate that a pre-construction meeting needs to be scheduled. The pre-construction meeting will be scheduled with the owner/developer two (2) working days later.
4. All land disturbing projects that require approval of an erosion and sediment control plan, grading or clearing permit shall require that the applicant provide the name of an individual who will be responsible for land disturbing activities and that this individual hold a Responsible Land Disturber (RLD) Certificate from the Department of Environmental Quality. The Responsible Land Disturber can be anyone from the Project team that is certified by the Commonwealth of Virginia to be in charge of carrying out the land disturbing activity for the project.
5. It is the responsibility of the owner/developer to notify the certified Responsible Land Disturber and the Utility Contractor to attend the pre-construction meeting.
6. The Development Review Coordinator will schedule the pre-construction meeting with the County Review Engineer, the County Inspector, and the Western Virginia Water Authority and the Town of Vinton personnel if applicable.
7. An approved set of plans, Storm Water Pollution Prevention Plan (SWPPP), VSMP coverage letter, and all permits must be available at the construction site at all times.
8. The developer and/or contractor shall supply all utility companies with copies of approved plans, advising them that all grading and installation shall conform to approved plans.
9. The project engineer will inform the owner/developer verbally and in writing of the County's obligation to perform inspections on site. Everyone in the meeting will be required to sign a pre-construction checklist indicating their knowledge of Roanoke County's obligation to perform inspections on site.
10. The Erosion Control Permit or Combined Erosion Control & VSMP Permit is given to the developer at this pre-construction meeting.
11. Notify Roanoke County prior to beginning installation of ESC measures. The County will inspect initial installations to ensure compliance with approved plan prior to start of grading. The developer SHALL contact the project inspector 24 hours before beginning any grading or construction on the property.
12. County inspectors must inspect storm drain / stormwater management / BMP installations during the process of installation. Please contact the site inspector 24 hours in advance.
13. All work shall be subject to inspection by Roanoke County, the Western Virginia Water Authority and the Virginia Department of Transportation Inspectors.
14. Contractors shall notify utilities of proposed construction at least two (2), but not more than ten (10) working days in advance. Area public utilities may be notified thru "Miss Utility," 1-800-552-7001 or VA 811.
15. The 100 year Floodway shall be staked prior to any construction.
16. Grade stakes shall be set for all curb and gutter, culvert, sanitary sewer and storm sewer at all times of construction.
17. Roanoke County shall be notified when a spring is encountered during construction.
18. Construction debris shall be containerized in accordance with the Virginia Litter Control Act. No less than one litter receptacle shall be provided on site.
19. The contractor shall provide adequate means of cleaning mud from trucks and/or other equipment prior to entering public streets or rights of ways. It is the contractors responsibility to insure that the streets are in a clean, mud and dust free condition at all times.
20. Plan approval in no way relieves the developer or contractors of the responsibilities contained within the erosion and sediment control or stormwater management policies.
21. Field construction shall honor proposed drainage divides as shown on plans.
22. Field corrections shall be approved by the Roanoke County and/or the Western Virginia Water Authority and the Professional of Record, prior to such construction.
23. The developer or contractor shall supply the County and the Western Virginia Water Authority with correct AS-Built plans before final acceptance.

1. Plan approval by Roanoke County or Town of Vinton does not guarantee issuance of any permits by the Town of Vinton Public Works Department. .
2. A permit must be obtained from the Town of Vinton Public Works Department prior to construction in the highway right-of-way.
3. The preliminary pavement designs should be based on a predicted sub-grade CBR value of 7.0 and with a Resiliency Factor (RF) of 2.0 as shown in the current edition of the Virginia Department of Transportation Pavement Design Guide for Subdivision and Secondary Roadways. The design shall be to be tested by and approved by the laboratory and the results submitted to the Town of Vinton prior to base construction. Should the sub-grade CBR value and/or the RF value be less than the predicted values, additional base material will be required in accordance with Departmental specifications. Refer to the same manual as the numbers and locations of the required soil samples to be tested. All pavement designs shall be submitted to the Town for review and approval. The design shall be approved by the Town of Vinton prior to placement of the base. Base shall be approved by the Town of Vinton for depth, template, and compaction before the surface is applied.

4. Standard guardrail with safety end sections may be required on fills or in areas where hazards exist as deemed necessary. After completion of rough grading operations, the Town of Vinton and Virginia Department of Transportation shall be contacted to schedule a field review. Where guard rail is warranted, the standard shoulder width shall be provided and the guard rail shall be installed in accordance with the current edition of the VDOT Road and Bridge Standards as part of this development.
5. Standard street and traffic control signs shall be erected at each intersection by the developer prior to final street acceptance.
6. All traffic devices shall be in accordance with current edition of the "Manual on Uniform Traffic Control Devices" (MUTCD).
7. All unsuitable material shall be removed from the construction limits of the roadway before placing embankment.

The Project Engineer shall provide electronic copies of the approved plans to the Development Review Coordinator within 5 working days of the pre-construction meeting.

The notes on this sheet shall not be modified.



## WATER AND SEWER NOTES

1. All construction methods and materials shall conform to the latest edition of the Design and Construction Standards and Specifications of the Western Virginia Water Authority (WVWA) available at [www.westernvawater.org](http://www.westernvawater.org) or by contacting the authority at 540-853-5700. The project shall also comply with the governing jurisdiction's standards and other agency standards (e.g. VDOT, DEQ, DCR, VDH, etc.) where applicable.
2. A minimum cover of three (3) feet is required on all WVWA water and sewer lines.
3. All existing utilities may not be shown in their exact locations. The contractor shall notify Miss Utility and shall verify location and elevation of all underground utilities in the areas of construction prior to starting work.
4. Please show all WVWA water and sewer utilities on any development plan.
5. The location of existing utilities across or along the line of proposed work are not necessarily shown on the plans and where shown are only approximately correct. The contractor shall on his own initiative and at no extra cost, locate all underground lines and structures and protect as necessary. The contractor shall be responsible for any damage to underground structures. All damage incurred to existing utilities during construction shall be repaired at the contractor's expense.
6. Plan approval by the WVWA does not remove the contractor's responsibility to remove or relocate any existing conflicts found during construction.
7. The contractor shall maintain a minimum of 18" clearance vertically and two (2) feet minimum horizontally from the outside of pipe to outside of pipe with all other underground utilities. Where this cannot be achieved, additional measures in accordance with the WVWA standards shall be enforced.
8. All utility grade adjustments shall be in accordance with WVWA standards and are the responsibility of the contractor.
9. Field changes shall be submitted by the engineer of record to the locality and approved by the WVWA.

Property Line

Right-of-way

Centerline

Minimum Building Line

Existing Storm Sewer

Existing Sanitary Sewer

Existing Water Main

Existing Contour

Proposed Contour

Proposed Drainage Divide

Proposed Limits of Clearing

Proposed Storm Sewer

Proposed Sanitary Sewer

Proposed Water Main

HYDRANT

VALVE

BLOWOFF

8' M.H.

24' S.D.

1045

1045

MBL

SS

W

R/W

CL

Underground utilities installed on private property or in private utility easements and building related storm drains shall be designed and installed per the current edition of the Virginia Uniform Statewide Building Code (including amendments). Design and installation requirements issued by the Western Virginia Water Authority that meet or exceed the USBC requirements are acceptable for private utilities. All private utilities are to be permitted through and inspected by the Roanoke County Inspections Office. Vaults, valves and other devices installed by or under the control of the Western Virginia Water Authority may not be substituted for the code required devices.

## Revision Table

C-000	ROANOKE COUNTY COVER SHEET
C-100	SITE PLAN
C-200	SITE DETAILS & NOTES

Horizontal and vertical control surveys were performed in year: 2006  
By: Caldwell - White Associates

All vertical elevations must be referenced to the National Geodetic Vertical Datum of 1988.  
All horizontal elevations must be referenced to the North American Datum of 1983.

Horizontal Datum: NAD83      Vertical Datum: NAVD88

Source of topographic mapping is dated Field Survey March 2006

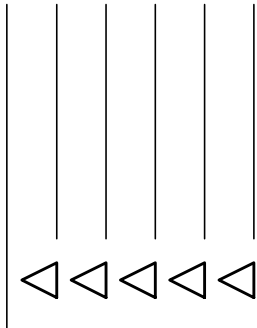
Boundary was performed by \_\_\_\_\_ dated: \_\_\_\_\_

Benchmark Information: Finished Floor of front porch. Elevation 994.80

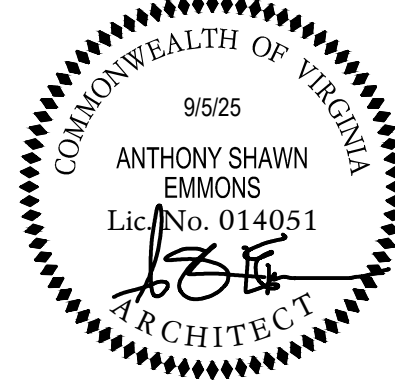
The professional seal and signature certifies the boundary survey and topographic mapping to be accurate and correct.

ITEM	QUANTITY	UNIT	UNIT PRICE	COST	BONDABLE
CLEARING AND GRUBBING		AC			
EXCAVATION		C.Y.			
EMBANKMENT		C.Y.			
CURB INLET DI-		EA			
CURB INLET DI-		EA			
MANHOLE MH-		EA			
MANHOLE MH-		EA			
-IN. CONCRETE PIPE, CLASS III		LF			
-IN. CONCRETE PIPE, CLASS IV		LF			
-IN. C.M. CULVERT		LF			
-IN. C.M. CULVERT		LF			
BOX CULVERT		LS			
PAVED SWALE		LF			
RIPRAP - CLASS		SF			
PERMANENT GRASS SWALE		LF			
-IN. CONCRETE ENDWALL EW-		EA			
-IN. END SECTION ES-		EA			
HEADER CURB & GUTTER CG-		LF			
CURB & GUTTER CG-		LF			
VALLEY GUTTER		EA			
GRAVEL BASE		SY			
GRAVEL SHOULDER		SY			
SURFACE TREATMENT		SY			
-IN. BIT. CONC.: TYPE B-		SY			
-IN. BIT. CONC.: TYPE S-		SY			
-IN. BASE MATERIAL		C.Y.			
-IN. SUBBASE MATERIAL		C.Y.			
TRAFFIC BARRICADE		EA			
8" WATER LINE		LF			
6" WATER LINE		LF			
FIRE HYDRANT ASSEMBLIES		EA			
BLOW OFFS W/ VAULT, FRAME & COVER		EA			
-IN. GATE VALVES, W/ VAULT, FRAME & COVER		EA			
-IN. GATE VALVES, W/ VAULT, FRAME & COVER		EA			
8" SANITARY SEWER		LF			
STANDARD MANHOLE W/FRAME & COVER		EA			
SAMPLING MANHOLE/PORT		EA			
LANDSCAPING		LS			
AMENITIES (INCLUDING BUT NOT LIMITED TO TRAILS, ETC..)		LS			
STORMWATER MANAGEMENT		LS			
AS-BUILT PLANS (STORM SEWER SYSTEMS)		LS			
AS-BUILT PLANS (STORMWATER MANAGEMENT)		LS			
10% CONTINGENCY					
ESTIMATED TOTAL					
BY SEALING THE PLANS, THE DESIGN PROFESSIONAL HEREBY CERTIFIES THAT THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJECT.					

SEPT. 5, 2025



**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD/STE 300/ROANOKE, VIRGINIA  
5400.342.4002 [www.HughesAE.com](http://www.HughesAE.com)



# 1st Review

RENOVATION TO THE  
**VINTON WAR MEMORIAL**  
814 E. Washington Avenue  
Vinton, VA 24179


**SHEET**  
**1**  
**OF**  
**3**

# ROANOKE COUNTY COVER SHEET

COMMISSION No.  
24058.001  
SHEET  
C-000



PROPERTY ADDRESS:	814 WASHINGTON AVENUE & 820 WASHINGTON AVENUE TOWN OF VINTON
PROPERTY AREA:	7.71 AC. (DEEDED)
TAX PARCEL:	060.16-06-33.00-0000
ZONING:	RB (TOWN OF VINTON)
FLOOD NOTE:	THIS PROPERTY DOES IS NOT LOCATED WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD AREA AS DESIGNATED BY FEMA. THIS OPINION IS BASED ON AN INSPECTION OF THE FLOOD INSURANCE RATE MAP NUMBER 51161C0169G, DATED 9-28-2007.
DISTURBED AREA:	6,534 SF (0.15 AC.)

KEY	TITLE	NO.	SYMBOL
IP	STORM DRAIN INLET PROTECTION	3.07	
PS	PERMANENT SEEDING	3.32	PS
MU	MULCHING	3.35	MU






THE SITE IS FULLY PAVED FROM ALL CONSTRUCTION AREAS TO THE PUBLIC RIGHT OF WAY. A CONSTRUCTION ENTRANCE IS NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEAN-UP OF ALL TRACKING OF CONSTRUCTION DEBRIS, DIRT, MUD, ETC.

**STORM DRAIN INLET PROTECTION:**  
SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL CONDITION WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DEPTH OF THE TRAP.

WHEN IT IS CLEAR THAT PLANTS HAVE NOT GERMINATED ON AN AREA OR HAVE DIED THESE AREAS MUST BE RE-SEEDED IMMEDIATELY TO PREVENT EROSION DAMAGE.

ALL MULCHES SHALL BE INSPECTED PERIODICALLY TO CHECK FOR EROSION. WHERE EROSION IS OBSERVED IN MULCHED AREAS, ADDITIONAL MUCH SHALL BE APPLIED. INSPECTIONS ARE TO TAKE PLACE UNTIL GRASSES ARE FIRMLY ESTABLISHED.



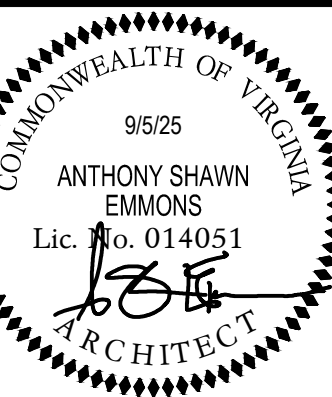
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**HUGHES**  
**ASSOCIATES**  
**ARCHITECTS & ENGINEERS**  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
[www.HughesAE.com](http://www.HughesAE.com)

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave    Vinton, VA 24179

RAWN BY: ASE  
 CHECKED BY: ASE

## SITE PLAN



COMMISSION No.  
24058.001

SHEET  
C-100



Drawing Title: P:\2024\24058.001 - Vinton War Memorial - Redesign\03.0 Drawings\3.3 AutoCAD\031\24058.001 Site Plan.dwg 9/5/2025 1:22 PM

GENERAL SITE CONSTRUCTION NOTES

SITework

- THE LOCATION OF EXISTING UTILITIES ACROSS, ALONG OR IN THE VICINITY OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS, AND WHERE SHOWN, ARE APPROXIMATE. ALL UNDERGROUND UTILITIES ARE TO BE CLEARLY MARKED PRIOR TO BEGINNING CONSTRUCTION, ANY POTENTIAL CONFLICTS AS A RESULT OF THE MARKINGS SHALL BE MADE KNOWN TO THE ARCHITECT/ENGINEER IMMEDIATELY.
- THE CONTRACTOR SHALL CALL "MISS UTILITY" AT 811 A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION AND REQUEST ALL UTILITIES TO BE LOCATED.
- THE CONTRACTOR IS TO PROVIDE FOR SAFETY DURING ALL PHASES OF CONSTRUCTION. PROVIDE CHAIN LINK FENCE AND/OR SAFETY FENCE AS NEEDED.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING BUILDINGS, SIDEWALKS, PAVEMENT, UTILITY POLES & PEDESTALS, ABOVE AND BELOW GROUND UTILITIES ETC, IF THOSE ITEMS ARE NOT DESIGNATED AS TO BE REMOVED.
- UTILITY LINES, UTILITY POLES AND PEDESTALS, ABOVE GROUND AND BELOW GROUND SHALL BE PROTECTED FROM DAMAGE IN ACCORDANCE WITH THE UTILITY OWNERS' INSTRUCTIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY OWNERS TO OBTAIN THE PROPER PROTECTIVE MEASURES FOR EACH INDIVIDUAL UTILITY AND FOR PROTECTING UTILITIES FROM DAMAGE. ANY AND ALL DAMAGE CAUSED BY THE CONTRACTOR OR BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT SHOULD DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY FIELD REVISIONS AND/OR CORRECTIONS TO THE APPROVED SITE PLAN. ANY REVISION TO THE APPROVED SITE PLAN AFTER CONSTRUCTION BEGINS MUST BE REVIEWED AND APPROVED BY ROANOKE COUNTY & THE TOWN OF VINTON. THIS INCLUDES REVISIONS AFFECTING ANY COUNTY DEPARTMENTS, VVWA AND VDOT.
- THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND INSTALL ALL NECESSARY BARRICADES FOR THE PUBLIC ARE IN PLACE.
- ALL AREAS NOT COVERED WITH PAVEMENT, SIDEWALK, STRUCTURES, OR DECORATIVE STONE BEDDING, SHALL RECEIVE PERMANENT SEEDING.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE MOST RECENT REVISION DATE OF THE PLANS PRIOR TO COMMENCING WITH CONSTRUCTION
- ITEMS TO BE SALVAGED SHALL BE STORED IN A PROTECTED AREA. COORDINATE WITH THE OWNER.
- REMOVE ALL CONCRETE AND PAVEMENT MILLINGS AS INDICATED ON THE PLANS AND DISPOSE OFF-SITE AT AN APPROVED LANDFILL.

EARTHwork

- EXPOSED SUBGRADE SOILS SHALL BE CAREFULLY INSPECTED. ANY UNSUITABLE MATERIAL THUS EXPOSED SHALL BE REMOVED AND REPLACED WITH A WELL COMPACTED AND SUITABLE MATERIAL. IF ADDITIONAL INSPECTIONS ARE NEEDED THEY SHALL BE PERFORMED BY A GEOTECHNICAL ENGINEER OR THEIR REPRESENTATIVE. DENSITY TESTING AT THE DISCRETION OF THE SOILS ENGINEER SHALL BE PERFORMED AT THIS TIME.
- ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE TESTING COMPANY AND BE WELL GRADED MATERIAL CONFORMING TO ASTM D2487 FREE FROM DEBRIS, ORGANIC MATERIAL, FROZEN MATERIALS, BRICK, LIME, CONCRETE, STONES GREATER THAN 4 INCHES DIAMETER, AND OTHER MATERIALS WHICH WOULD PREVENT ADEQUATE PERFORMANCE OF THE BACKFILL. NINETY PERCENT MINIMUM OF FILL MATERIAL SHALL BE SMALLER THAN 1-1/2 INCH UNDER PAVED AREAS AND STRUCTURES.
- THE FILL SHALL BE PLACED IN 8 INCH LOOSE LAYERS, 4 INCH LOOSE LAYERS CLOSE TO STRUCTURES AND NARROW TRENCHES AND COMPACTED AS SPECIFIED.
- FILL MATERIALS SHALL BE ADEQUATELY KEYED INTO STRIPPED AND SCARIFIED SUBGRADE SOILS AND SHOULD, WHERE APPLICABLE, BE BENCHED INTO THE EXISTING SLOPES, THE SUBGRADE SHALL BE SCARIFIED A DEPTH OF 4" PRIOR TO FILL PLACEMENT TO ASSURE BONDING BETWEEN THE TWO SOILS.
- FILL USED TO SUPPORT PAVEMENTS AND WALKS SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS, MOISTURE CONDITIONED TO WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY OBTAINED IN ACCORDANCE WITH ASTM D-698, STANDARD PROCTOR METHOD.
- ENSURE THAT LAND DISTURBING PERMITS AND THE PROPER EROSION AND SEDIMENT CONTROLS ARE IN PLACE FOR THE CONSTRUCTION SITE AND THE OFF-SITE BORROW AND SPOIL SITE. IF AN OFF-SITE DISPOSAL AREA IS IDENTIFIED DURING CONSTRUCTION, THE CONSTRUCTION ACTIVITY OPERATOR SHALL PROVIDE INFORMATION TO ROANOKE COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT. IF THE OFF-SITE AREA IS NOT PERMITTED THE CONTRACTOR IS TO OBTAIN THE NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO A LAND DISTURBING PERMIT AND A VSPM PERMIT. PERMITS TO BE OBTAINED PRIOR TO TRANSPORTING ANY MATERIAL OFF-SITE.

TOPSOIL MATERIAL AND PREPARATION

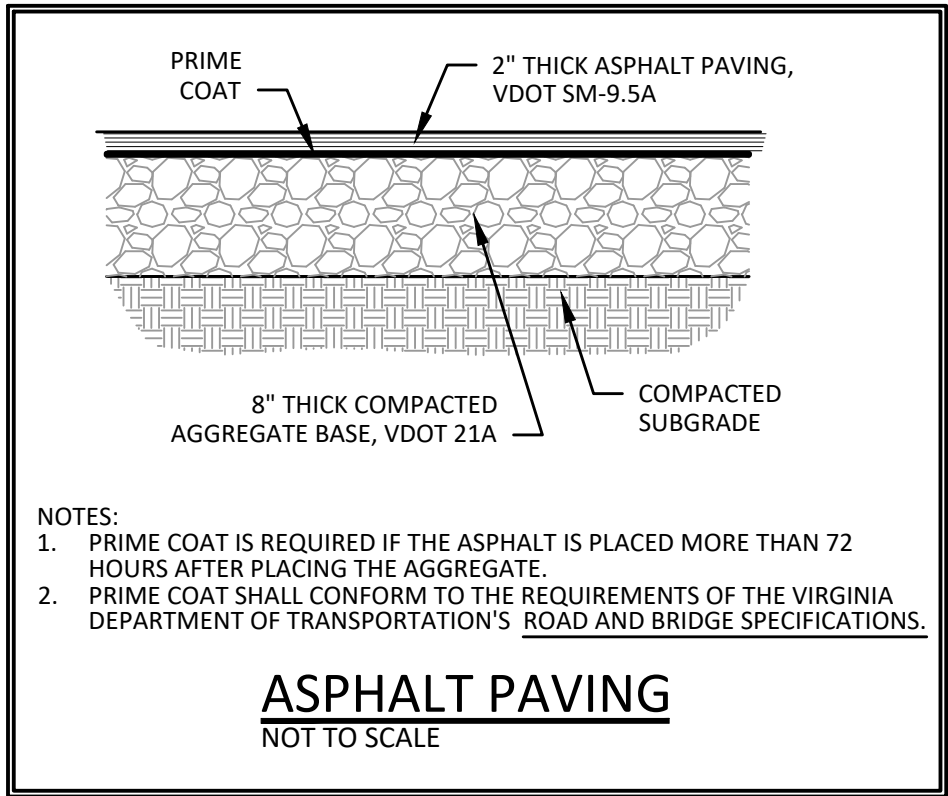
- TOPSOIL FURNISHED BY THE CONTRACTOR SHALL CONSIST OF A NATURAL FRIABLE SURFACE SOIL WITHOUT ADMIXTURES OF UNDESIRABLE SUBSOIL, REFUSE, OR FOREIGN MATERIALS. IT SHALL BE FREE FROM ROOTS, HARD CLAY, COARSE GRAVEL, STONES LARGER THAN ONE INCH IN ANY DIMENSION, WEEDS, SEEDS, TALL GRASS, BRUSH, STICKS, STUBBLE OR OTHER MATERIAL WHICH WOULD BE DETRIMENTAL TO THE PROPER DEVELOPMENT OF THE DESIRED VEGETATIVE GROWTH. TOPSOIL SHALL NOT BE OBTAINED FROM BOGS OR MARSHES.

PAVEMENT, CURBS

- AGGREGATE BASE AND PAVING MUST BE PLACED BEFORE ANY MOISTURE OR SEASONAL CHANGES OCCUR TO SUBGRADE THAT WOULD CAUSE COMPACTION TESTS PREVIOUSLY PERFORMED TO BE ERRONEOUS. RECOMPACT AND RETEST SUBGRADE SOILS THAT HAVE BEEN LEFT EXPOSED TO WEATHER.
- ASPHALT PAVEMENT PATCH SHALL BE CONSTRUCTED WITH 8" COMPACTED AGGREGATE BASE MATERIAL, TYPE 1, NO. 21A. NEW ASPHALT PAVEMENT & PAVEMENT OVERLAY TO BE 2" BITUMINOUS CONCRETE SURFACE COURSE, TYPE SM-9.5. AGGREGATE AND PAVEMENT SHALL COMPLY WITH VDOT SPECIFICATIONS.
- ALL WORK SHALL COMPLY WITH VDOT SPECIFICATIONS IN ACCORDANCE WITH THE LATEST REVISION OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS.
- ALL PAVEMENT MARKING TO BE TRAFFIC RATED PAINT, VDOT TYPE A PAINT.

EROSION CONTROL NOTES

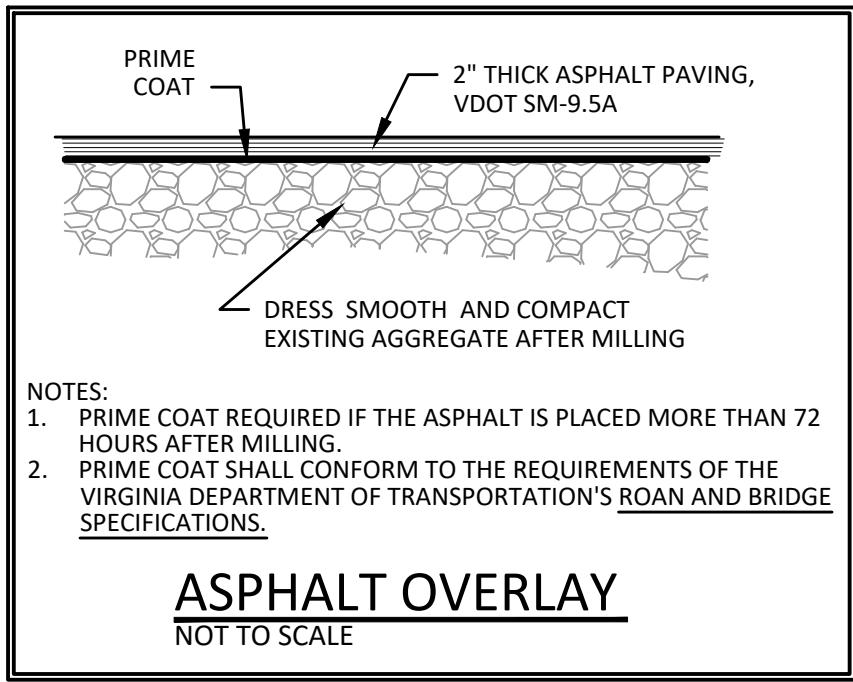
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, OR OTHERWISE MODIFY CERTAIN MEASURES WHERE FIELD CONDITIONS WARRANT. EROSION CONTROL MEASURES SHOWN ARE NOT NECESSARILY ALL THAT WILL BE REQUIRED.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IN ADVANCE OF WORK BEING PERFORMED, AS FAR AS PRACTICAL.
- IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES ONCE EVERY 5-BUSINESS DAYS AND WITHIN 24 HRS. AFTER A MEASURABLE STORM EVENT OR ONCE EVERY 4-BUSINESS DAYS. A MEASURABLE STORM EVENT IS DEFINED AS 0.25 INCHES OF RAINFALL OVER A 24-HR. PERIOD IN ACCORDANCE WITH 9VAC25-880.1. ANY NECESSARY REPAIRS OR CLEANUP SHALL BE MADE IMMEDIATELY.



- NOTES:
- PRIME COAT IS REQUIRED IF THE ASPHALT IS PLACED MORE THAN 72 HOURS AFTER PLACING THE AGGREGATE.
  - PRIME COAT SHALL CONFORM TO THE REQUIREMENTS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS.

ASPHALT PAVING

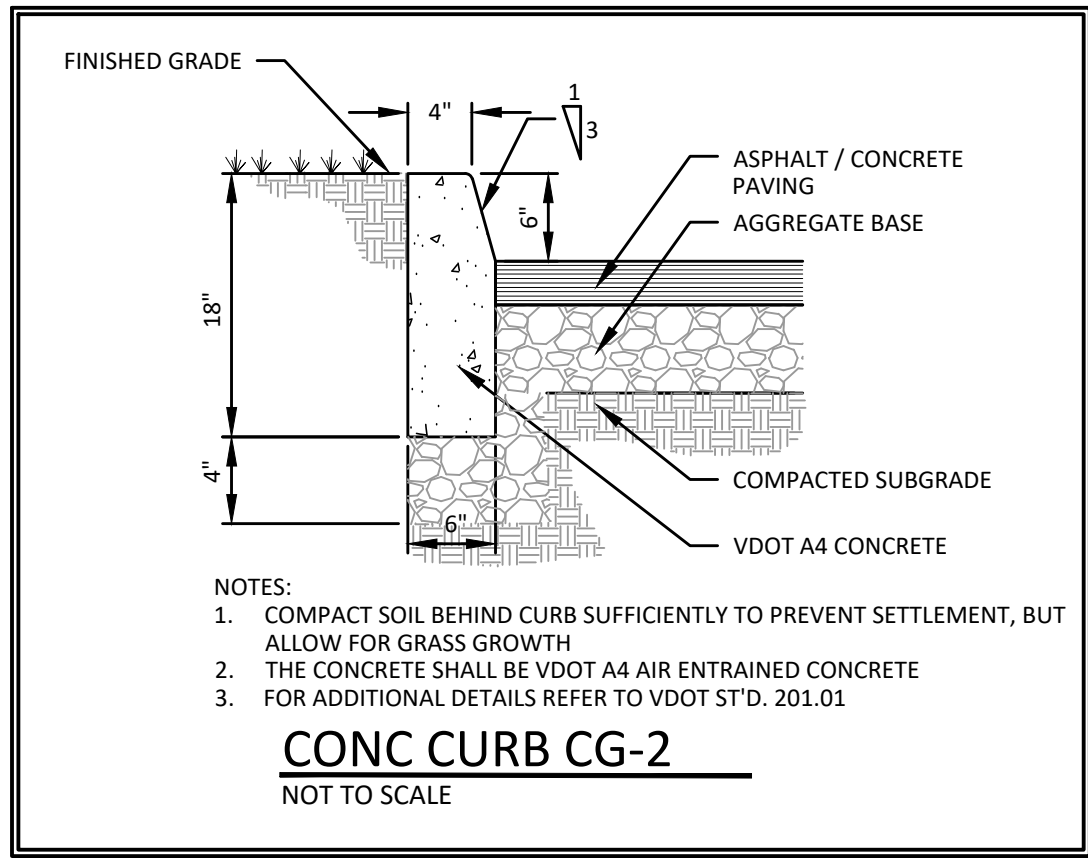
NOT TO SCALE



- NOTES:
- PRIME COAT REQUIRED IF THE ASPHALT IS PLACED MORE THAN 72 HOURS AFTER MILLING.
  - PRIME COAT SHALL CONFORM TO THE REQUIREMENTS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS.

ASPHALT OVERLAY

NOT TO SCALE

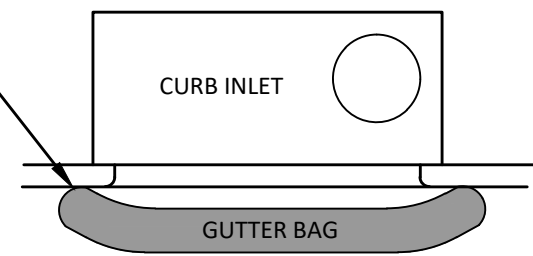


- NOTES:
- COMPACT SOIL BEHIND CURB SUFFICIENTLY TO PREVENT SETTLEMENT, BUT ALLOW FOR GRASS GROWTH
  - THE CONCRETE SHALL BE VDOT A4 AIR ENTRAINED CONCRETE
  - FOR ADDITIONAL DETAILS REFER TO VDOT STD. 201.01

CONC CURB CG-2

NOT TO SCALE

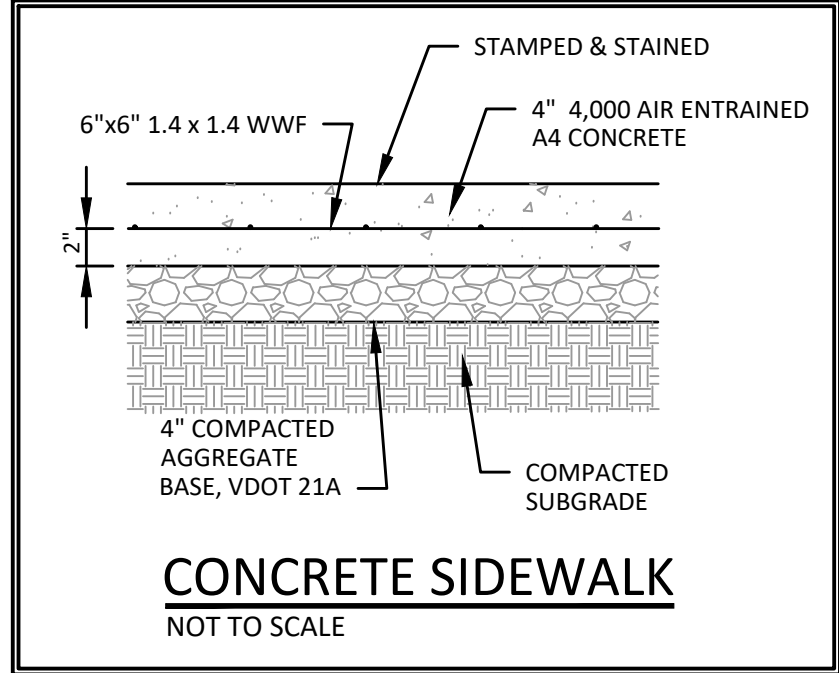
NO GAP (TYP)



- NOTES:
- THE GUTTER BUDDY, GUTTER EEL OR GUTTER GATOR (BAGS) SHALL EXTEND 1.0' PAST THE INLET OPENING
  - BAGS SHALL HAVE AN HIGH FLOW BYPASS
  - IF MULTIPLE BAGS ARE REQUIRED, PLACE THEM END TO END WITH NO GAPS EVIDENT
  - THE DIAMETER OF THE BAG SHALL BE 9 INCHES
  - ALTERNATE PRODUCTS MUST BE APPROVED BY THE ENGINEER

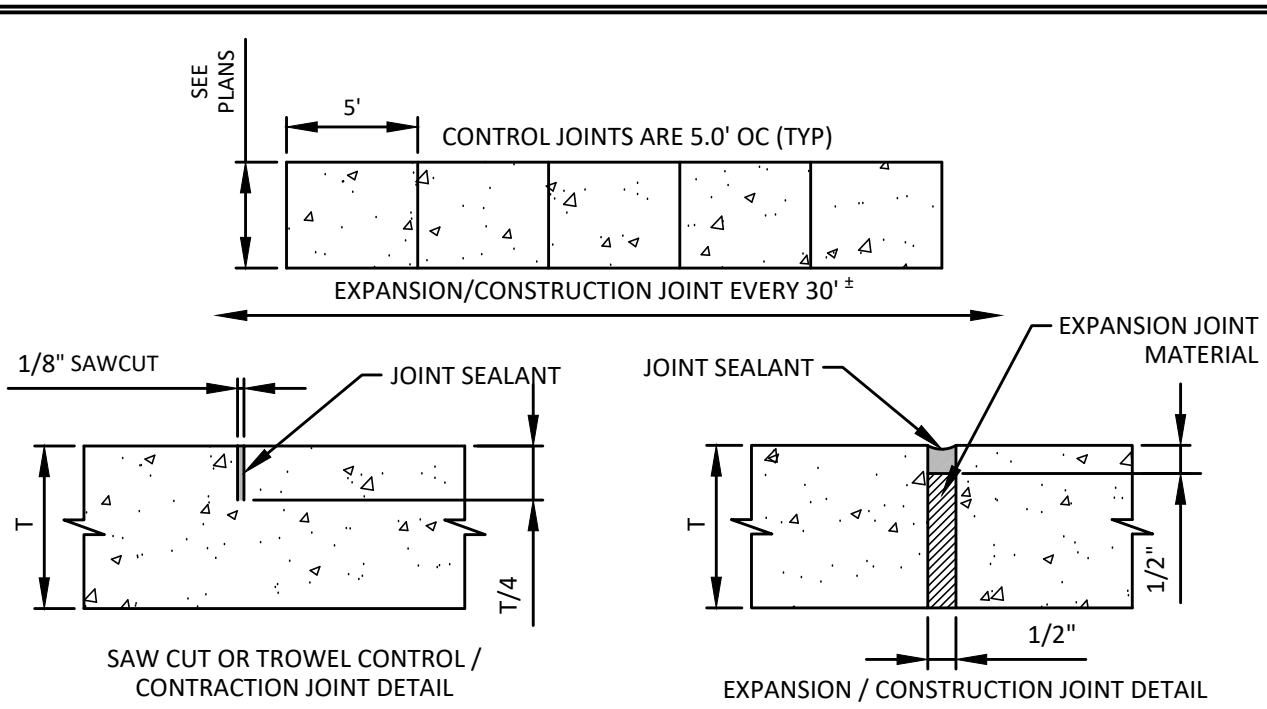
CURB INLET PROTECTION

NOT TO SCALE



CONCRETE SIDEWALK

NOT TO SCALE



- NOTES:
- CONSTRUCTION JOINTS SHALL BE PLACED ADJACENT TO BUTTING CURBS, FIXED OBJECTS, SLABS AND STRUCTURES.
  - JOINT SEALANT SHALL BE SIKKA Sikaflex® 1c SL, EUCO Dural 340 NS/SL, 3M DP5106, OR ARCHITECT APPROVED EQUAL
  - SAW CUT JOINTS SHALL BE INSTALLED AS SOON AS THE CONCRETE IS SUFFICIENTLY HARD TO RESIST TEARING AND RAVELING AND BEFORE RANDOM CRACKING OCCURS.

CONCRETE SIDEWALK JOINT DETAIL

NOT TO SCALE

TABLE 3.32-C  
(Revised June 2003)  
PERMANENT SEEDING SPECIFICATIONS FOR APPALACHIAN/MOUNTAIN AREA

LAND USE	SEED <sup>1</sup>	
	SPECIES	APPLICATION RATES
Minimum Care Lawn (Commercial or Residential)	Tall Fescue <sup>1</sup>	90-100%
	Perennial Ryegrass <sup>2</sup>	0-10%
	Kentucky Bluegrass <sup>1</sup>	0-10%
		TOTAL: 200-250 lbs.
High-Maintenance Lawn	Minimum of three (3) up to five (5) varieties of Kentucky Bluegrass from approved list for use in Virginia <sup>3</sup>	TOTAL: 125 lbs.
General Slope (3:1 or less)	Tall Fescue <sup>1</sup>	125 lbs.
	Red Top Grass or Creeping Red Fescue	2 lbs.
	Seasonal Nurse Crop <sup>2</sup>	20 lbs.
		TOTAL: 150 lbs.
Low-Maintenance Slope (Steeper than 3:1)	Tall Fescue <sup>1</sup>	100 lbs.
	Red Top Grass or Creeping Red Fescue	2 lbs.
	Seasonal Nurse Crop <sup>2</sup>	20 lbs.
	Crownvetch <sup>4</sup>	20 lbs.
		TOTAL: 150 lbs.

- 1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCIA) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by VCIA. A current turfgrass variety list is available at the local County Extension office or through VCIA at 804-745-4884 or at <http://sudan.cses.vt.edu/html/Turf/turf/publications/publications2.html>
- 2 - Perennial Ryegrass will germinate faster and at lower soil temperatures than Tall Fescues, thereby providing cover and erosion resistance for seedbed.
- 3 - Use seasonal nurse crop in accordance with seeding dates as stated below:
- |  |                |
|--|----------------|
| March, April - May 15 <sup>th</sup>            | Annual Rye     |
| May 16 <sup>th</sup> - August 15 <sup>th</sup> | Foxtail Millet |
| August 16 <sup>th</sup> - September, October   | Annual Rye     |
| November - February                            | Winter Rye     |
- 4 - All legume seed must be properly inoculated. If Flatpea is used, increase to 30 lbs/acre. If Weeping Lovegrass is used, include in any slope or low maintenance mixture during warmer seeding periods, increase to 30-40 lbs/acre.

FERTILIZER & LIME

- Apply 10-20-10 fertilizer at a rate of 500 lbs. / acre (or 12 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

NOTE:

- A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site.
- Incorporate the lime and fertilizer into the top 4 – 6 inches of the soil by disking or by other means.
- When applying Slowly Available Nitrogen, use rates available in Erosion & Sediment Control Technical Bulletin # 4. 2003 Nutrient Management for Development Sites at <http://www.dcr.state.va.us/esw/e&ss.html#pubs>

MULCH:

STRAW OR FIBER MULCH SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 1.75 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION

MULCHING RATE:

STRAW OR HAY: 1.5-2 TONS/ACRE (70-90 LBS./1000 SF.)  
FIBER MULCH: 1500 LBS./ACRE (35 LBS./1000 SF.)

MULCHING

NO SCALE

DATE: SEPT 5, 2025

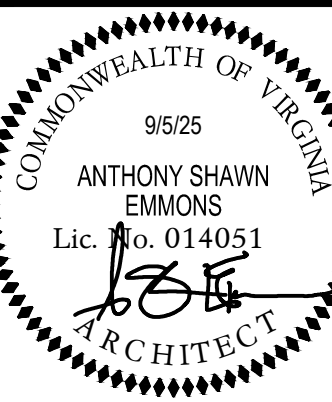
REVISIONS  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA 24012  
540.342.4002  
www.hughesae.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

SITE DETAILS  
AND NOTES



COMMISSION No.  
24058.001

SHEET

C-200

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

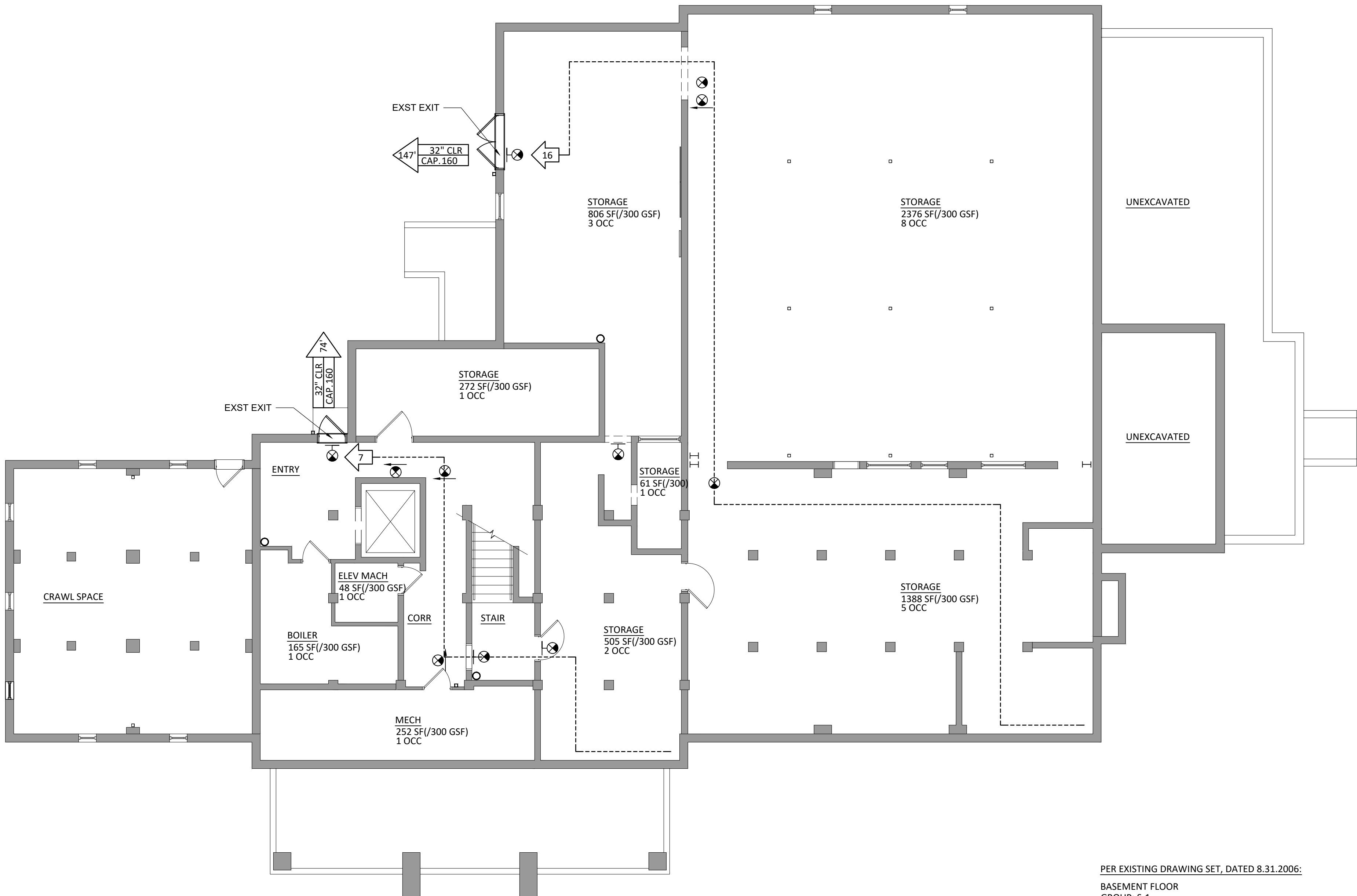


**LIFE SAFETY / FIRE PROTECTION NOTES**

1. ENTIRE BUILDING IS ON EMERGENCY BACKUP GENERATOR POWER.
2. ENTIRE BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM. EXISTING DESIGN & CONFIGURATION SHALL REMAIN AS-IS WITH THE EXCEPTION OF BALLROOM 109, BALLROOM 112, & THE SECOND FLOOR OFFICE SUITE.
3. EXISTING FIRE EXTINGUISHER LOCATIONS THROUGHOUT THE BUILDING SHALL REMAIN AS-IS.
4. NO EXISTING FIRE-RESISTANCE RATED ASSEMBLIES IN THE EXISTING CONSTRUCTION NOR IN THE NEW WORK.
5. EXISTING EXIT CONFIGURATION & PATHS OF TRAVEL SHALL REMAIN AS-IS, UNALTERED.
6. EXISTING BALLROOM FIRE ALARM DEVICES SHALL BE REPLACED WITH NEW WHITE DEVICES WITH RED LETTERING. LOCATIONS REMAIN UNCHANGED.

**LEGEND**

- |  |                                   |
|--|-----------------------------------|
|  | • INDICATES DOOR EGRESS CAPACITY  |
|  | • INDICATES OCCUPANT LOAD AT DOOR |
|  | • EXIT SIGN                       |



PER EXISTING DRAWING SET, DATED 8.31.2006:

BASEMENT FLOOR  
GROUP: S-1  
TOTAL EXST OCCUPANTS: 19  
EXST EXITS PROVIDED: 2  
MAX TRAVEL DISTANCE: 147'

EXST AREA THIS FLOOR: 5530 SF

2025 REVISED OCCUPANT LOAD: 23



Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**BASEMENT  
LIFE SAFETY  
PLAN**



COMMISSION No.  
24058.001  
SHEET  
**LS-0**



**LIFE SAFETY / FIRE PROTECTION NOTES**

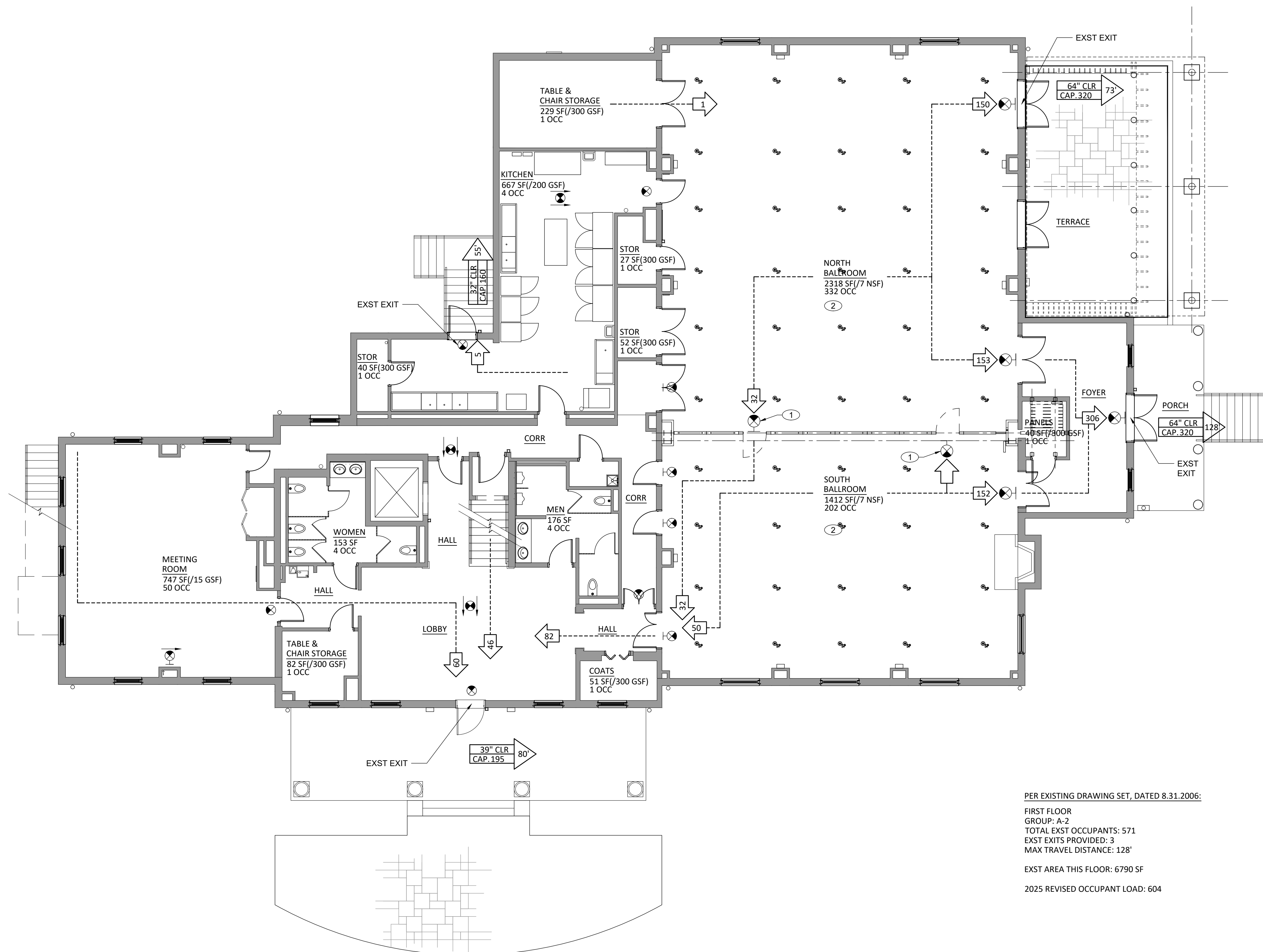
1. ENTIRE BUILDING IS ON EMERGENCY BACKUP GENERATOR POWER.
2. ENTIRE BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM. EXISTING DESIGN & CONFIGURATION SHALL REMAIN AS-IS WITH THE EXCEPTION OF BALLROOM 109, BALLROOM 112, & THE SECOND FLOOR OFFICE SUITE.
3. EXISTING FIRE EXTINGUISHER LOCATIONS THROUGHOUT THE BUILDING SHALL REMAIN AS-IS.
4. NO EXISTING FIRE-RESISTANCE RATED ASSEMBLIES IN THE EXISTING CONSTRUCTION NOR IN THE NEW WORK.
5. EXISTING EXIT CONFIGURATION & PATHS OF TRAVEL SHALL REMAIN AS-IS, UNALTERED.
6. EXISTING BALLROOM FIRE ALARM DEVICES SHALL BE REPLACED WITH NEW WHITE DEVICES WITH RED LETTERING. LOCATIONS REMAIN UNCHANGED.

**LEGEND**

- CLR  
CAP → DIST
- # →
- ⊗
- INDICATES DOOR EGRESS CAPACITY
  - INDICATES OCCUPANT LOAD AT DOOR
  - EXIT SIGN

**LIFE SAFETY PLAN NOTES**

- 1 OPERABLE PARTITION MANUFACTURER'S EXITSIGNS INTEGRATED INTO PASS DOOR PANELS.
- 2 IN BALLROOM 109 & 112, PROVIDE NEW SPRINKLER HEAD CONFIGURATION TO COORDINATE WITH NEW CEILING LAYOUT. PROVIDE DELEGATED DESIGN PER SPECIFICATION SECTION 21 1300.

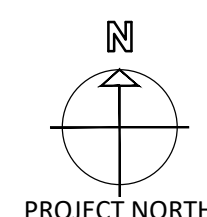


PER EXISTING DRAWING SET, DATED 8.31.2006:

FIRST FLOOR  
GROUP: A-2  
TOTAL EXST OCCUPANTS: 571  
EXST EXITS PROVIDED: 3  
MAX TRAVEL DISTANCE: 128'

EXST AREA THIS FLOOR: 6790 SF

2025 REVISED OCCUPANT LOAD: 604





**LIFE SAFETY / FIRE PROTECTION NOTES**

1. ENTIRE BUILDING IS ON EMERGENCY BACKUP GENERATOR POWER.
2. ENTIRE BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM. EXISTING DESIGN & CONFIGURATION SHALL REMAIN AS-IS WITH THE EXCEPTION OF BALLROOM 109, BALLROOM 112, & THE SECOND FLOOR OFFICE SUITE.
3. EXISTING FIRE EXTINGUISHER LOCATIONS THROUGHOUT THE BUILDING SHALL REMAIN AS-IS.
4. NO EXISTING FIRE-RESISTANCE RATED ASSEMBLIES IN THE EXISTING CONSTRUCTION NOR IN THE NEW WORK.
5. EXISTING EXIT CONFIGURATION & PATHS OF TRAVEL SHALL REMAIN AS-IS, UNALTERED.
6. EXISTING BALLROOM FIRE ALARM DEVICES SHALL BE REPLACED WITH NEW WHITE DEVICES WITH RED LETTERING. LOCATIONS REMAIN UNCHANGED.

**LEGEND**

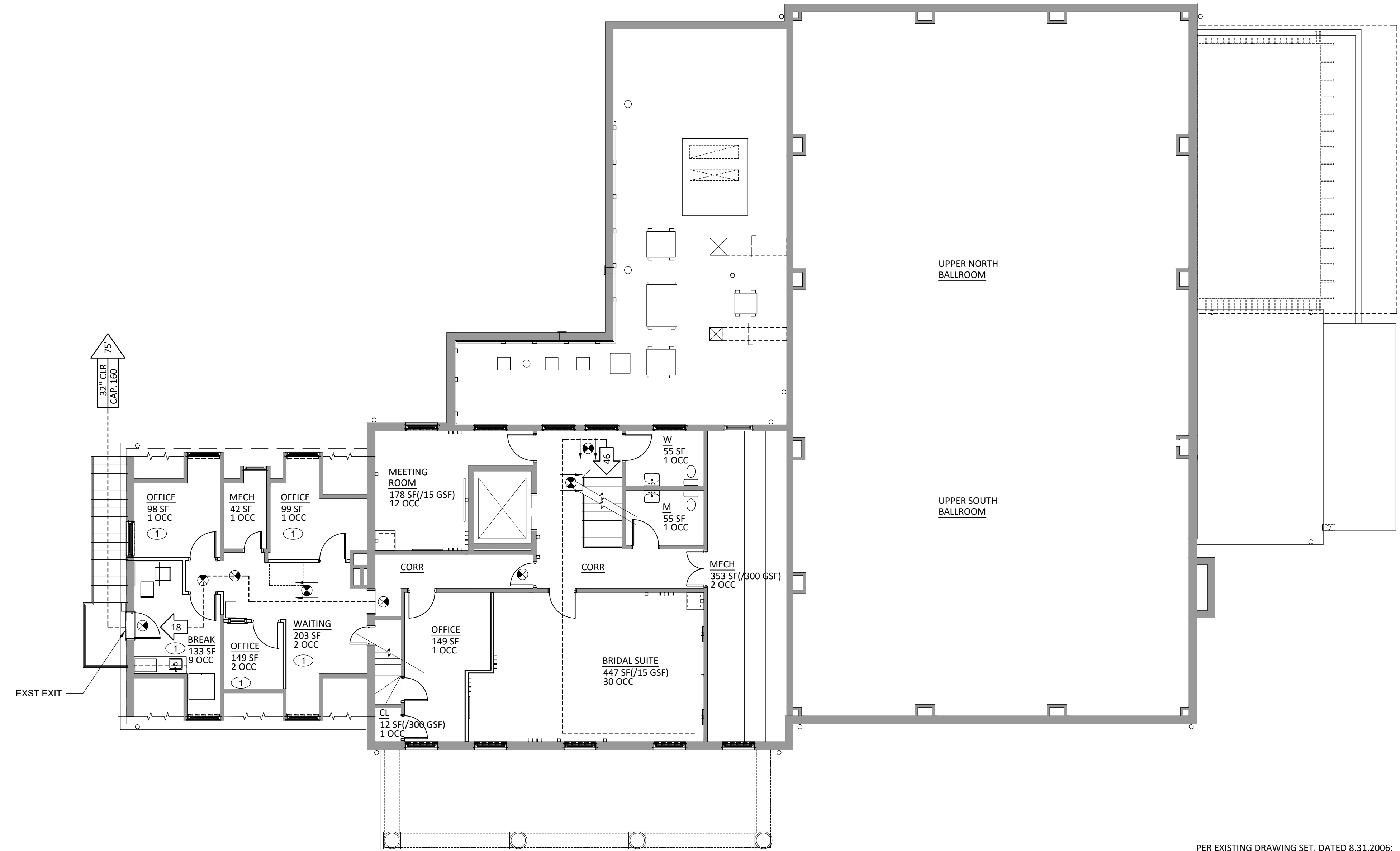
CLR CAP → DIST • INDICATES DOOR EGRESS CAPACITY

# → • INDICATES OCCUPANT LOAD AT DOOR

⊗ • EXIT SIGN

**LIFE SAFETY PLAN NOTES**

1 IN OFFICE SUITE ROOMS 200, 202, 203, 204, & 205, PROVIDE NEW SPRINKLER HEAD CONFIGURATION TO COORDINATE WITH NEW ROOM CONFIGURATIONS & CEILING LAYOUTS. PROVIDE DELEGATED DESIGN PER SPECIFICATION SECTION 21 1300.



PER EXISTING DRAWING SET, DATED 8.31.2006:

SECOND FLOOR  
GROUPS: B & A-2  
TOTAL EXST OCCUPANTS: 56  
EXST EXITS PROVIDED: 2  
MAX TRAVEL DISTANCE: 75'

EXST AREA THIS FLOOR: 2440 SF

2025 REVISED OCCUPANT LOAD: 64



DATE: SEPT 5, 2025

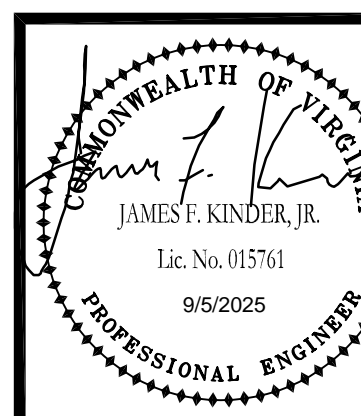
REVISIONS	△	
	△	
	△	
	△	
	△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: GD  
CHECKED BY: JFK

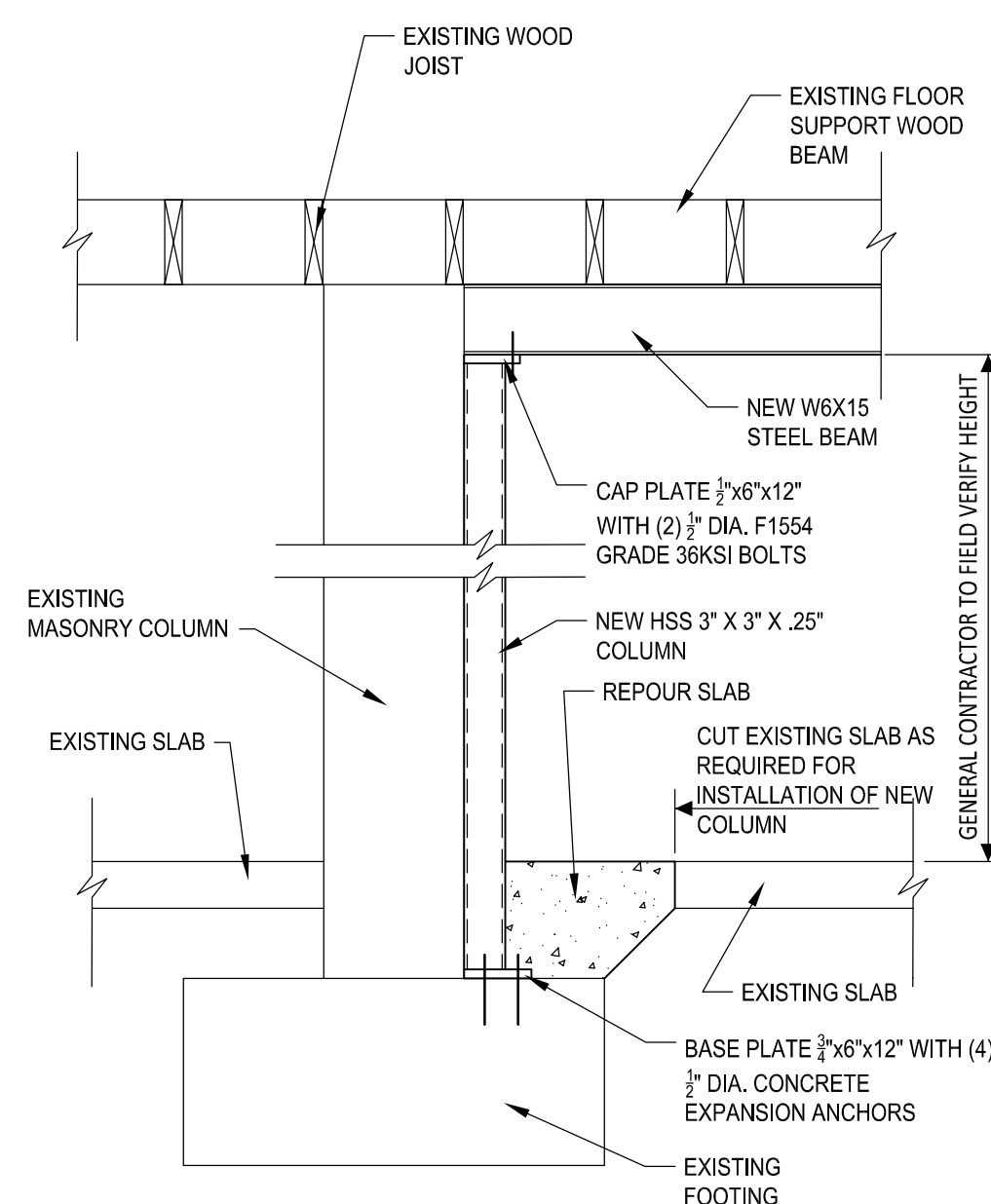
PARTIAL  
BASEMENT  
FLOOR PLAN -  
STRUCTURAL



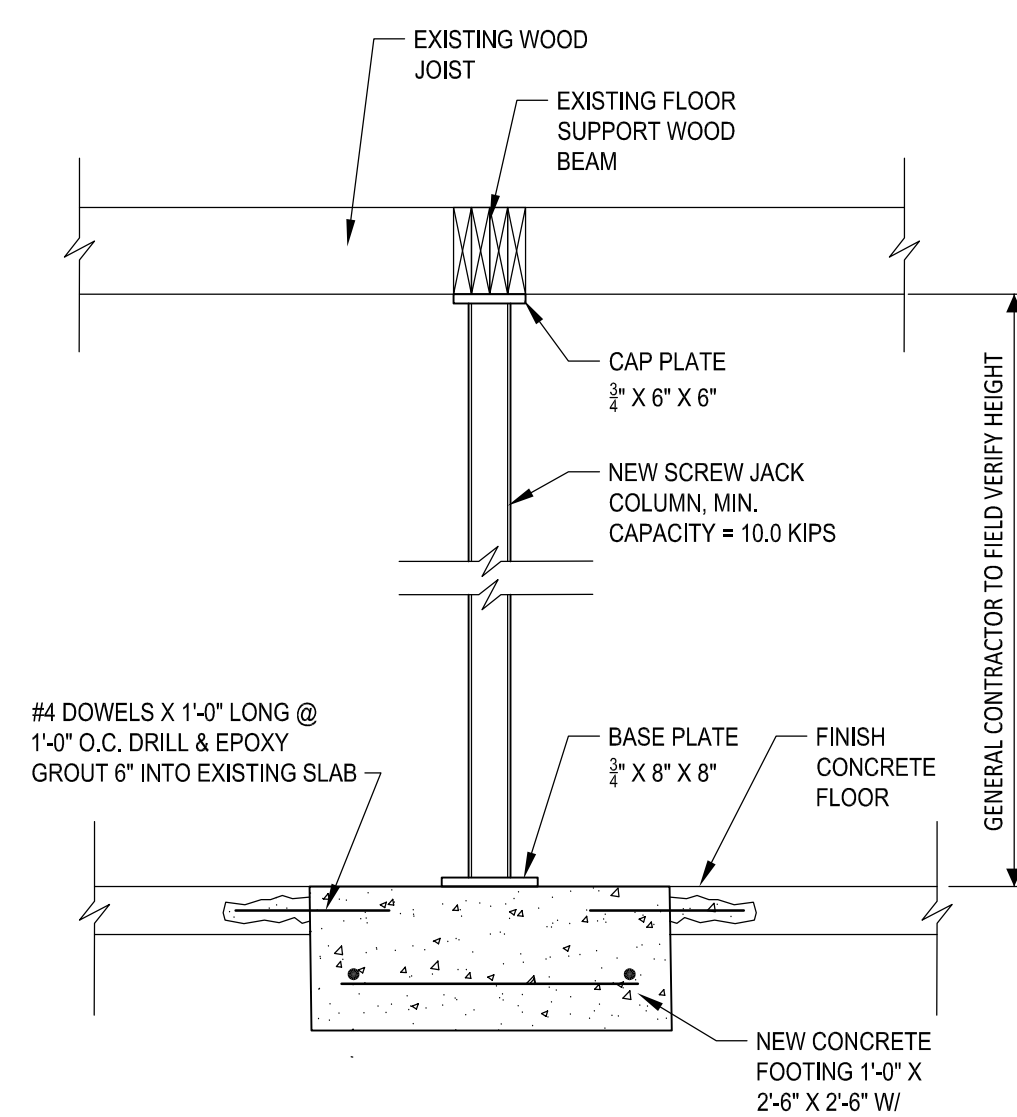
COMMISSION No.  
24058.001

SHEET  
**S1-0**

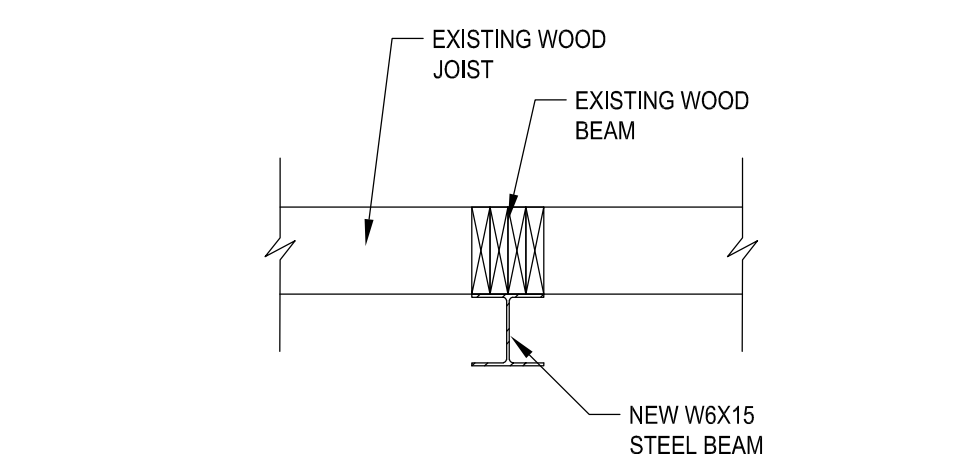
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



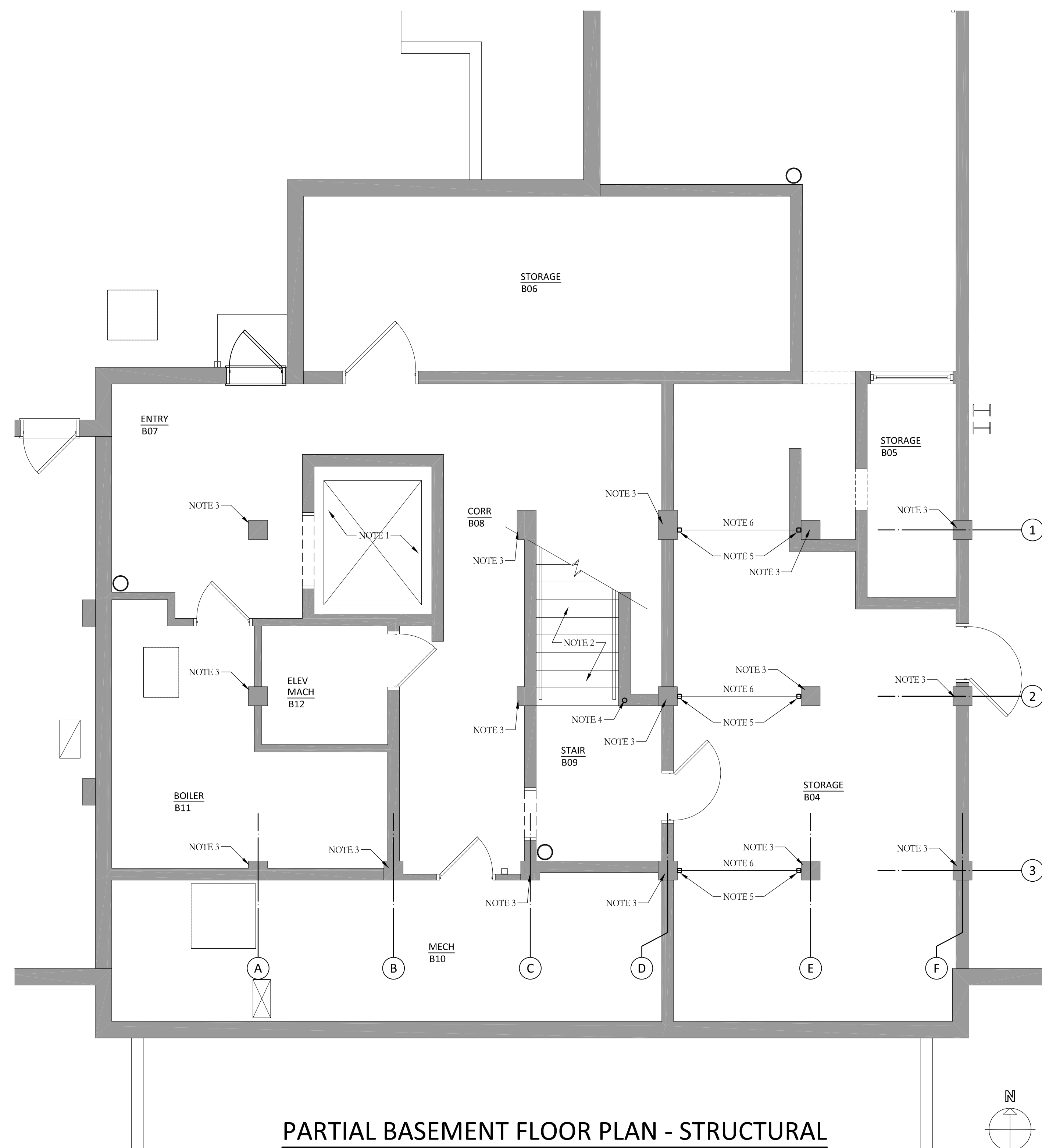
1 SECTION  
S1-0 SCALE: 3/4" = 1'-0"



2 SECTION  
S1-0 SCALE: 3/4" = 1'-0"



3 SECTION  
S1-0 SCALE: 3/4" = 1'-0"



## PARTIAL BASEMENT FLOOR PLAN - STRUCTURAL

SCALE: 1/4" = 1'-0"

### STRUCTURAL PLAN NOTES:

- NOTE 1. EXISTING ELEVATOR  
NOTE 2. EXISTING STAIR  
NOTE 3. EXISTING COLUMN  
NOTE 4. INSTALL NEW SCREW JACK COLUMN TIGHT AGAINST UNDERSIDE OF EXISTING WOOD BEAM. SCREW JACK COLUMN CAPACITY SHALL BE 10.0 KIPS. SEE SECTION 2/S1-0.  
NOTE 5. INSTALL NEW HSS 3"x3"x1/4" STEEL COLUMN. SEE SECTION 1/S1-0.  
NOTE 6. PROVIDE NEW W6x15 STEEL BEAM. SEE SECTION 3/S1-0.

DAY & KINDER CONSULTING ENGINEERS, PLLC  
P.O. BOX 20187 3959 ELECTRIC ROAD, SUITE 348 ROANOKE, VIRGINIA 24018  
PHONE: 540.774-5706 FAX: 540.772-3266 EMAIL: jay@dayandkinder.com  
DATE: 9/5/2025 COMM. NO. 25-061

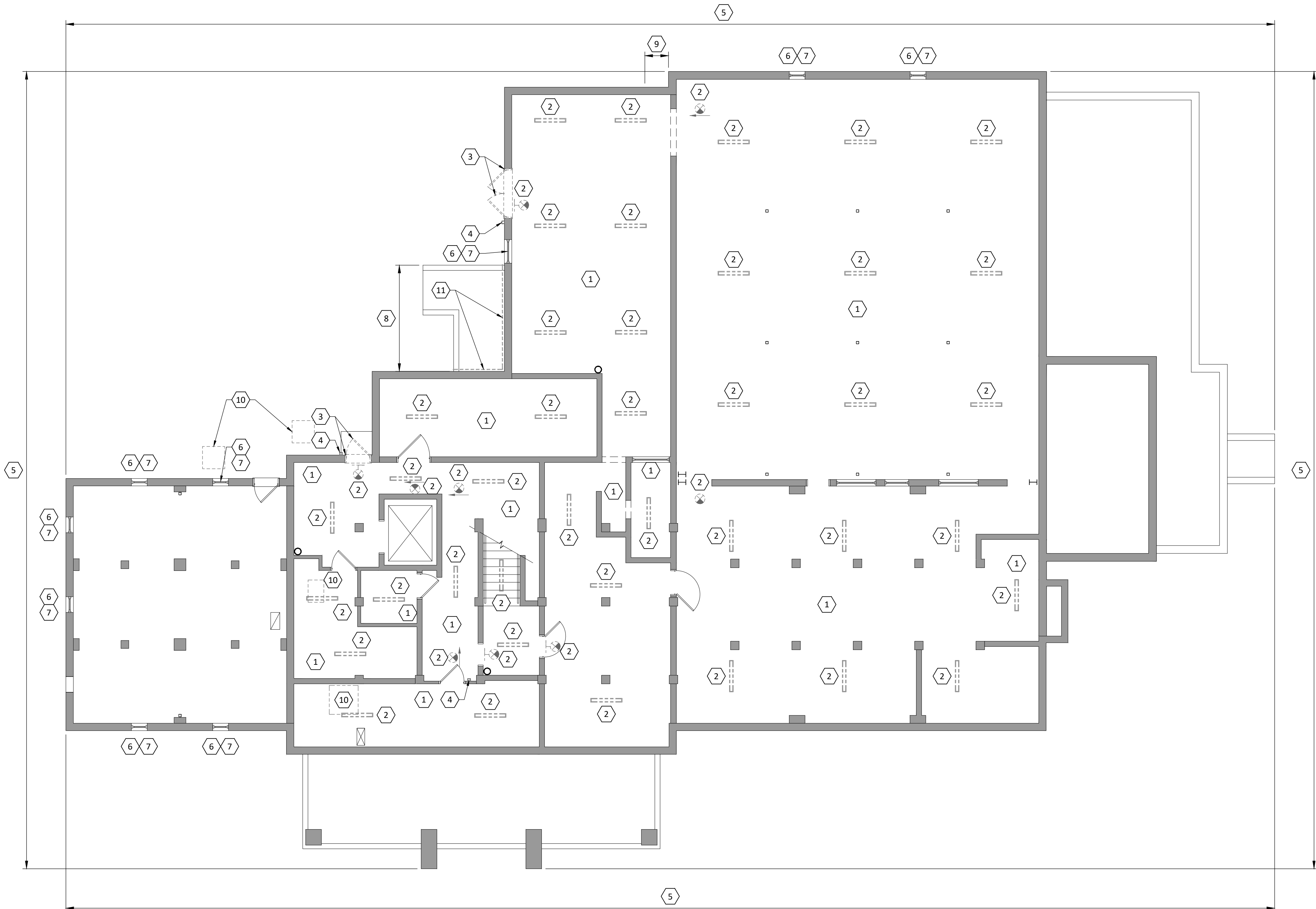


**GENERAL DEMOLITION NOTES**

- EXISTING DIMENSIONS, AREAS, AND SIZES/LOCATION OF EXISTING EQUIPMENT ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO SUBMITTING A BID. IF CONDITIONS IN FIELD DIFFER SIGNIFICANTLY FROM THOSE SHOWN, NOTIFY OWNER / ARCHITECT FOR CLARIFICATION.
- CONTRACTOR SHALL VERIFY THE AVAILABILITY OF EXISTING FACILITIES AND UTILITIES AT THE PROJECT SITE PRIOR TO SUBMITTING A BID. COSTS ASSOCIATED WITH THE USE OF EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES, INCLUDING BUT NOT LIMITED TO WATER/SEWER, ELECTRIC, GAS, TELEPHONE, HAVING SERVICE CONNECTIONS TO THE EXISTING BUILDING PRIOR TO DEMOLITION TO ENSURE THAT ANY EQUIPMENT HAS BEEN PROPERLY REMOVED, UNPLUGGED, CAPPED/PLUGGED, OR SEALED AS REQUIRED FOR DEMOLITION AND/OR NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL, CAPPING/PLUGGING, AND SEALING OF SERVICES REMAINING IN WORK AREAS AS REQUIRED FOR DEMOLITION AND/OR NEW WORK.
- REMOVE EXISTING ITEMS/ MATERIALS TO SUBSTRATE AS INDICATED AND REQUIRED FOR NEW WORK.
- REMOVE DEMOLISHED MATERIALS FROM SITE DAILY AFTER ALLOWING OWNER FIRST RIGHT OF REFUSAL FOR ANY
- SALVAGEABLE MATERIALS.
- COORDINATE DEMOLITION AND ITEMS TO BE REMOVED WITH NEW WORK AND ITEMS TO BE REPLACED OR RELOCATED.
- ANY DOOR LOCK HARDWARE REMOVED SHALL BE TURNED OVER TO OWNER.
- EXISTING ITEMS TO BE RELOCATED/REINSTALLED SHALL BE REMOVED, STORED, AND PROTECTED DURING DEMOLITION ACTIVITIES AS REQUIRED FOR REINSTALLATION. ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- EXISTING ITEMS AND ADJACENT CONSTRUCTION TO REMAIN SHALL BE PROTECTED DURING DEMOLITION ACTIVITIES. ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- PATCH AND REPAIR ANY DAMAGED EXISTING SURFACES TO REMAIN AS REQUIRED TO MATCH NEW WORK. WHERE EXISTING WALLS ARE REMOVED, PATCH REMAINING WALLS TO MATCH EXISTING FINISH, FLUSH WITH EXISTING, & PAINT.
- CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OF STRUCTURAL MEMBERS AND EXISTING/TEMPORARY STRUCTURES, AND PROVIDE ADDITIONAL SHORING DURING DEMOLITION OF EXISTING WALLS, AS REQUIRED FOR THE DURATION OF THE PROJECT.
- NO EXISTING STRUCTURAL MEMBERS ARE TO BE CUT, PENETRATED, OR OTHERWISE ALTERED WITHOUT PRIOR WRITTEN APPROVAL OF ARCHITECT/ENGINEER.
- THE OWNER SHALL BE RESPONSIBLE FOR THE RELOCATION AND STORAGE OF NON-FIXED EQUIPMENT AND FURNISHINGS PRIOR TO THE START OF WORK.
- THE BUILDING WILL BE IN USE FOR THE DURATION OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK WITH OWNER'S ACTIVITIES AND OTHER TRADES INVOLVED WITH WORK AT THE PROJECT SITE.
- CONTRACTOR TO TAKE NECESSARY MEASURES TO LIMIT DUST & DIRT MIGRATION TO AREAS OUTSIDE WORK LOCATION. CONTRACTOR SHALL REPAIR ANY DAMAGE DUE TO EXISTING SURFACES DUE TO SUCH MEASURES WITH FINISHES TO MATCH EXISTING.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN CLEAR PATHS OF EGRESS FOR THE DURATION OF THE WORK.
- ANY REQUIRED MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION TO BE PERFORMED IN, OR AFFECTING THE USE OF, ADJACENT SPACES IN THE BUILDING SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE START OF WORK.
- MAINTAIN WORKING CONDITION OF ANY EXISTING FIRE ALARM SYSTEMS AND COMPONENTS FOR THE DURATION OF THE WORK.
- EXISTING ELECTRICAL & FIRE ALARM SYSTEM DEVICES AFFECTED BY ALTERATIONS/ NEW WORK SHALL BE RELOCATED AND ADJUSTED AS NECESSARY.
- MAINTAIN ANY EXISTING FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS AND FIRE SEPARATION ASSEMBLY RATINGS INDICATED BETWEEN NEW WORK AND EXISTING AREAS AND OCCUPANCIES FOR THE DURATION OF THE PROJECT.
- DISPOSAL OF MATERIALS: CONTRACTOR SHALL DELIVER ALL SOLID WASTE COLLECTED ON PROJECT SITE TO THE SOLID WASTE AUTHORITY TRANSFER STATION.
- AT ALL NEW FRAME & DOOR LOCATIONS, RECONFIGURE/ REMOVE & REPLACE EXST WALL FRAMING TO ACCOMMODATE THE HM FRAME SIZE.

**DEMOLITION NOTES**

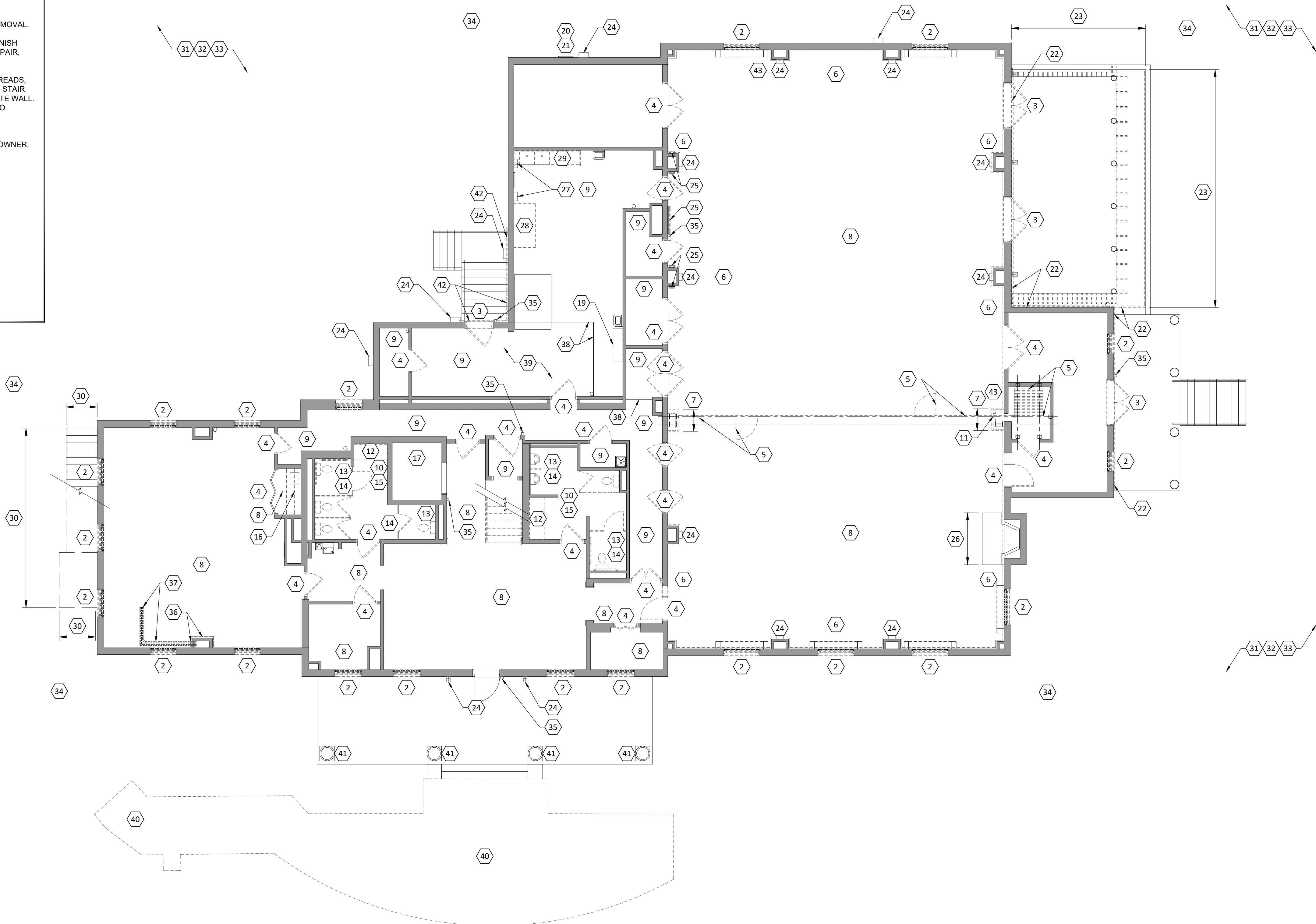
- NO DEMOLITION IN THIS ROOM WITH THE EXCEPTION OF LIGHT FIXTURE REMOVAL.
- REMOVE LIGHT FIXTURES & EXIT SIGNS. SEE ELEC.
- REMOVE EXTERIOR DOOR, FRAME, HARDWARE, & ASSOCIATED TRIM, COMPLETE.
- REMOVE PORTION OF MASONRY WALL TO FACILITATE ACCESS CONTROL DEVICE BOX & CONDUIT INSTALLATION.
- REMOVE LOOSE MATERIAL AT FOUNDATION WALL CRACKING TO PREP FOR CONCRETE CRACK FILLER REPAIR - ENTIRE BUILDING PERIMETER.
- REMOVE SEALANT AT EXISTING LOUVERS TO REMAIN IN FOUNDATION WALL.
- REMOVE LOOSE PAINT & PREP EXISTING LOUVER FOR NEW PAINT.
- REMOVE SEALANT FROM HORIZONTAL & VERTICAL JOINTS BETWEEN THE EXTERIOR CONC STAIR & CONC FOUNDATION WALL.
- REMOVE LOOSE & DAMAGED STUCCO/ PARGING AT CONC FOUNDATION WALL TO PREP FOR FINISH REPAIR.
- REMOVE MECHANICAL UNIT. SEE MECH.
- SAW CUT CONCRETE JOINT INTO STAIR TREADS, RISERS, & TOP TREAD WHERE CONCRETE STAIR MEETS THE BUILDING EXTERIOR CONCRETE WALL. DEPTH & WIDTH OF JOINT SHALL BE 1/2" TO ACCOMMODATE BACKER ROD.





DEMOLITION NOTES

- 35 REMOVE PORTION OF WALL TO FACILITATE ACCESS CONTROL DEVICE BOX & CONDUIT INSTALLATION.
- 36 REMOVE PORTION OF EXST PILASTER GWB TO THE EXTENT NECESSARY TO INSTALL NEW PIPING FROM SECOND FLOOR BREAKROOM SINK TO CRAWLSPACE BELOW.
- 37 REMOVE PORTION OF FINISH CEILING & PLASTER CEILING ABOVE FINISH CEILING TO THE EXTENT NECESSARY TO INSTALL NEW PIPING.
- 38 REMOVE FLOORING. AT EXST JOINT BETWEEN ORIGINAL BUILDING & PREVIOUS ADDITION, REMOVE A PORTION OF MASONRY WALL & OTHER COMPONENTS BELOW THE JOINT TO ELIMINATE THE RAISED CONDITION. WHERE EXST COMPONENTS ARE REMOVED, INSTALL CEMENTITIOUS SELF-LEVELING MIXTURE TO CREATE A LEVEL SUBFLOOR CONDITION FOR NEW FLOORING INSTALLATION.
- 39 AT PORTION OF KITCHEN SUBFLOOR COMPRISED OF ORIGINAL BUILDING CONCRETE PORCH, CONFIRM SLAB RELATIVE HUMIDITY COMPLIES W/ POLYVINYL SAFETY FLOORING MANUFACTURER'S INSTALLATION REQUIREMENTS. IF REQUIREMENTS CANNOT BE MET, REMOVE EXST CONCRETE SLAB, PROVIDE COMPACTED AGGREGATE BACKFILL, AND INSTALL A NEW 4" CONCRETE SLAB W/ 15 MIL VAPOR BARRIER TO ACHIEVE PROPER CONDITIONS FOR FLOORING INSTALLATION.
- 40 REMOVE SLAB ON GRADE AND ADJACENT CONCRETE SITE STAIR & METAL RAILING COMPLETE. SEE CIVIL FOR EXTENT OF REMOVAL.
- 41 REMOVE LOOSE MATERIAL AT COLUMN FINISH DAMAGE TO PREP FOR CRACK FILLER REPAIR, SANDING, & PAINTING.
- 42 SAW CUT CONCRETE JOINT INTO STAIR TREADS, RISERS, & TOP TREAD WHERE CONCRETE STAIR MEETS THE BUILDING EXTERIOR CONCRETE WALL. DEPTH & WIDTH OF JOINT SHALL BE 1/2" TO ACCOMMODATE BACKER ROD.
- 43 REMOVE & SALVAGE ALL WALL MOUNTED CAMERAS IN BALLROOM. TURN OVER TO OWNER.



DEMOLITION NOTES

- 1 NO DEMOLITION IN THIS ROOM.
- 2 REMOVE EXTERIOR WINDOW & ASSOCIATED TRIM, COMPLETE.
- 3 REMOVE EXTERIOR DOOR, FRAME, HARDWARE, & ASSOCIATED TRIM, COMPLETE.
- 4 REMOVE INTERIOR DOOR, FRAME, HARDWARE, & ASSOCIATED TRIM, COMPLETE. THIS INCLUDES SIDELITE PANELS.
- 5 REMOVE EXISTING OPERABLE PARTITION, COMPLETE, INCLUDING TRACK. STRUCTURAL STEEL FRAMING TO REMAIN.
- 6 REMOVE WALL FINISHES, TRIM, AND GWB SHEATHING, COMPLETE - FOR ENTIRE BALL ROOM.
- 7 REMOVE PILASTER GWB SHEATHING & WALL FRAMING, COMPLETE.
- 8 REMOVE WOOD FLOOR & WALL BASE, COMPLETE. IN BALLROOM, REMOVE & SALVAGE WOOD FLOOR. TURN FLOOR OVER TO OWNER.
- 9 REMOVE VCT FLOORING & WALL BASE, COMPLETE.
- 10 REMOVE CERAMIC TILE FLOORING & WALL BASE, COMPLETE.
- 11 REMOVE CUSTOM CONT. HINGE DOOR FOR OPERABLE PARTITION, COMPLETE.
- 12 REMOVE COUNTER, SINK BOWLS, FAUCETS, & ASSOCIATED PLUMBING. SEE PLUMB.
- 13 REMOVE TOILET FIXTURES, COMPLETE. SEE PLUMB.
- 14 REMOVE TOILET PARTITIONS & TOILET ACCESSORIES, COMPLETE.
- 15 REMOVE CERAMIC WALL TILE & ASSOCIATED BACKER BOARD. REMOVE GWB TO THE EXTENT NECESSARY TO COORD W/ NEW WALL TILE HEIGHT.
- 16 REMOVE BASE CABINETS, WALL CABINETS, COUNTER, & APPLIANCES, COMPLETE.
- 17 REMOVE ELEVATOR CAB FLOORING.
- 18 REMOVE & SALVAGE STONE HEARTH & WOOD TRIM HEARTH TRIM, COMPLETE. TURN STONE & WOOD OVER TO OWNER.
- 19 REMOVE WALL-MOUNTED MINI-SPLIT UNIT. SEE MECH.
- 20 REMOVE SEALANT AT EXISTING LOUVERS TO REMAIN IN EXTERIOR WALL.
- 21 REMOVE LOOSE PAINT & PREP EXISTING LOUVER FOR NEW PAINT.
- 22 REMOVE SEALANT FROM HORIZONTAL & VERTICAL JOINTS BETWEEN THE EXTERIOR HARD SURFACES & BRICK VENEER.
- 23 REMOVE BRICK PAVERS & CONCRETE SLAB BELOW PAVERS, COMPLETE FOR ENTIRE PATIO. BRICK KNEE WALL TO REMAIN.
- 24 REMOVE WALL-MOUNTED LIGHT FIXTURE. SEE ELEC.
- 25 REMOVE MECHANICAL GRILLE - SEE MECH.
- 26 REMOVE STONE HEARTH & WOOD BORDER, COMPLETE.
- 27 REMOVE, SALVAGE, & REINSTALL WALL-MOUNTED FIRST AID CABINET & DEFIBRILLATOR.
- 28 RELOCATE TABLE WITHIN KITCHEN TO FACILITATE STAINLESS STEEL SINK RELOCATION.
- 29 REMOVE, SALVAGE, & REINSTALL STAINLESS STEEL SINK. SEE PLUMB.
- 30 REMOVE LOOSE PAINT BY SANDBLASTING & PREP EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE FOR NEW PAINT.
- 31 REMOVE & SALVAGE SECURITY CAMERAS ATTACHED TO THE BUILDING - ENTIRE PERIMETER. TURN OVER TO OWNER.
- 32 REMOVE POLE LIGHT HEADS FOR ALL POLE LIGHTS THROUGHOUT ENTIRE SITE. SEE ELEC & CIVIL.
- 33 REMOVE POLE BASE TRIM FOR ALL POLE LIGHTS THROUGHOUT ENTIRE SITE. SEE CIVIL.
- 34 OWNER PLANS TO REMOVE PORTIONS OF EXISTING LANDSCAPING PRIOR TO & DURING CONSTRUCTION. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER'S LANDSCAPING REMOVAL.

DATE: SEPT 5, 2025

REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**FIRST FLOOR  
DEMOLITION  
PLAN**

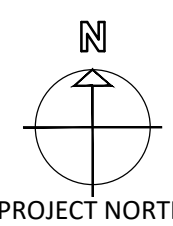


COMMISSION No.  
24058.001  
SHEET  
**AD-1**

AD-1.1  
AD-1

**FIRST FLOOR DEMOLITION PLAN**

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



© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

DATE: SEPT 5, 2025

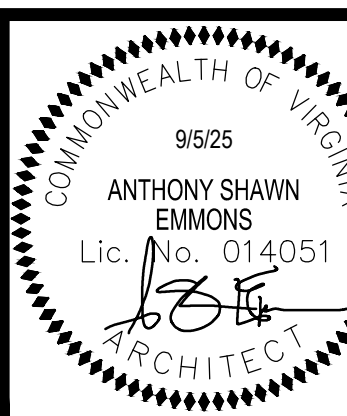
REVISIONS	△	
	△	
	△	
	△	
	△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

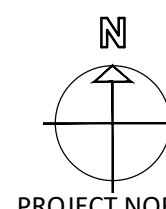
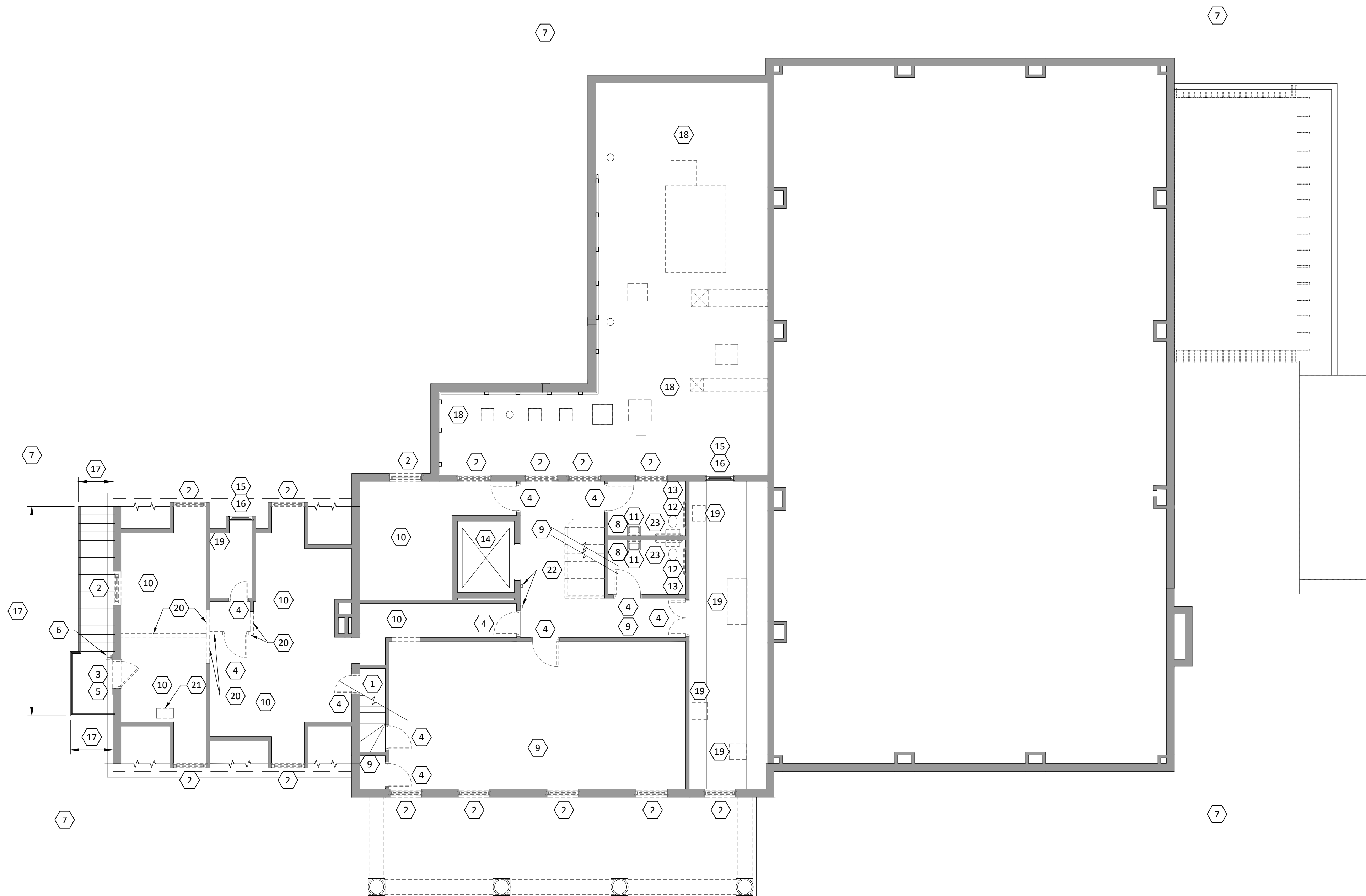
**SECOND FLOOR  
DEMOLITION  
PLAN**



COMMISSION No.  
24058.001  
SHEET  
**AD-2**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

- DEMOLITION NOTES**
- NO DEMOLITION IN THIS ROOM.
  - REMOVE EXTERIOR WINDOW & ASSOCIATED TRIM, COMPLETE.
  - REMOVE EXTERIOR DOOR, FRAME, HARDWARE, & ASSOCIATED TRIM, COMPLETE.
  - REMOVE INTERIOR DOOR, FRAME, HARDWARE, & ASSOCIATED TRIM, COMPLETE. THIS INCLUDES SIDELITE PANELS.
  - REMOVE EXTERIOR TRIM AT EXTERIOR DOOR HEAD, JAMBS, & CASING AT FACE OF BRICK.
  - REMOVE EXTERIOR WALL-MOUNTED LIGHT FIXTURE.
  - REMOVE SECURITY CAMERAS ATTACHED TO THE BUILDING - ENTIRE PERIMETER.
  - REMOVE VCT FLOORING & WALL BASE, COMPLETE.
  - REMOVE WOOD FLOORING & WALL BASE, COMPLETE.
  - REMOVE CARPET FLOORING & WALL BASE, COMPLETE.
  - REMOVE LAVATORIES, FAUCETS, & ASSOCIATED PLUMBING. SEE PLUMB.
  - REMOVE TOILET FIXTURES, COMPLETE. SEE PLUMB.
  - REMOVE TOILET ACCESSORIES, COMPLETE.
  - REMOVE ELEVATOR CAB FLOORING.
  - REMOVE SEALANT AT EXISTING LOUVERS TO REMAIN IN EXTERIOR WALL.
  - REMOVE LOOSE PAINT & PREP EXISTING LOUVER FOR NEW PAINT.
  - REMOVE LOOSE PAINT & PREP EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE FOR NEW PAINT.
  - SEE ROOF DEMOLITION PLAN SHEET AD-3 & MECH SHEETS FOR ROOFTOP EQUIPMENT REMOVAL.
  - SEE MECH SHEETS FOR MECHANICAL DEMOLITION.
  - REMOVE INDICATED PORTION OF WALL.
  - REMOVE PORTION OF FLOOR AS NECESSARY TO PROVIDE NEW PLUMBING FOR CASEWORK SINK. SEE MECH SHEETS.
  - REMOVE PORTION OF WALL TO FACILITATE ACCESS CONTROL DEVICE BOX & CONDUIT INSTALLATION.
  - REMOVE PORTION OF EXST GWB ON ALL WALLS TO INSTALL NEW BACKER BOARD ASSOCIATED WITH NEW WALL TILE.



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



REVISIONS	△	
	△	
	△	
	△	
	△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

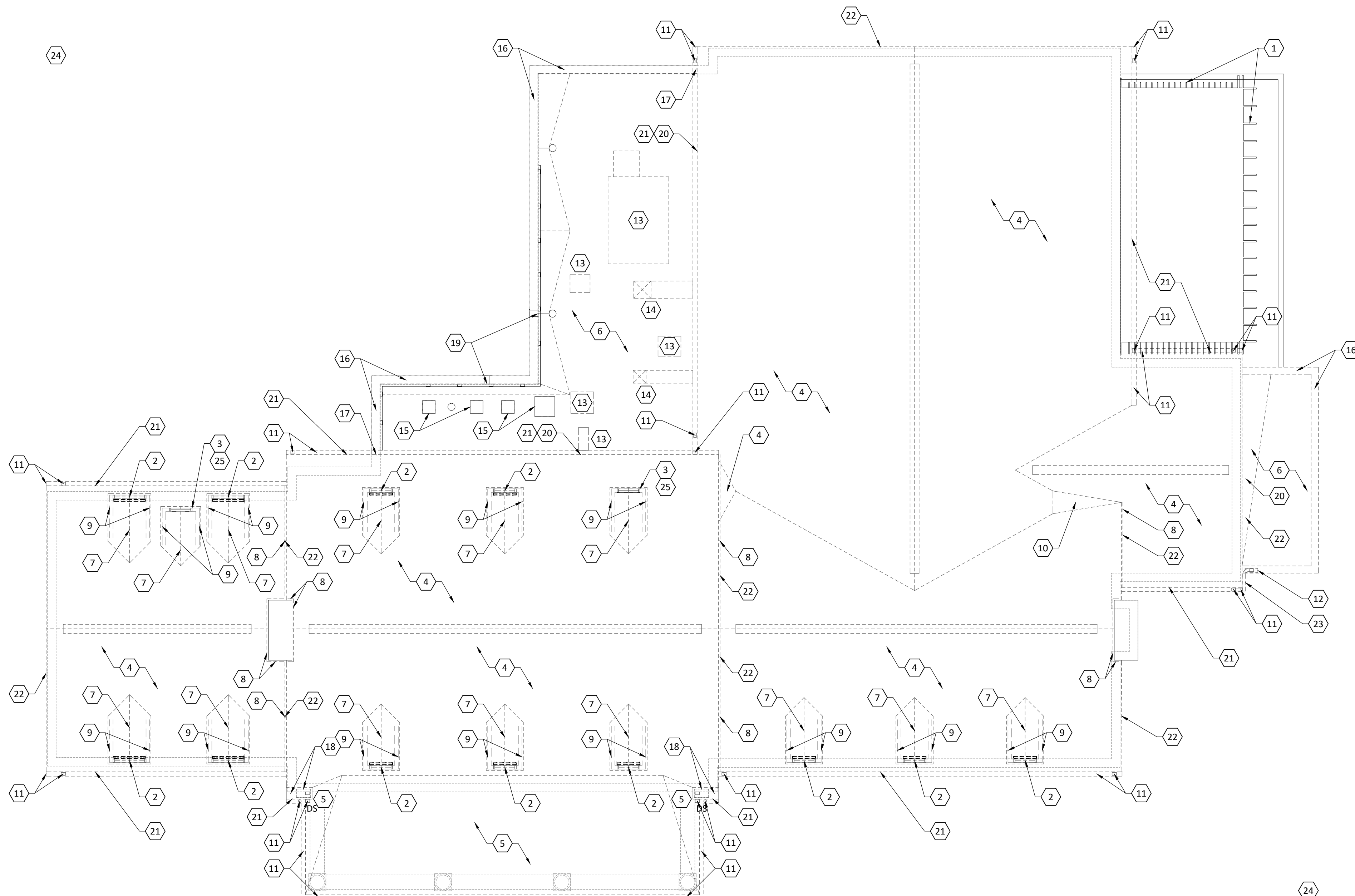
**ROOF  
DEMOLITION  
PLAN**



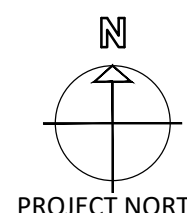
COMMISSION No.  
24058.001  
SHEET  
**AD-3**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

- DEMOLITION NOTES**
- 1 BASE BID:  
EXISTING PERGOLA TO REMAIN.  
ADDITIVE ALTERNATE NO. 1:  
REMOVE PERGOLA COMPLETE.
  - 2 REMOVE EXTERIOR WINDOW & ASSOCIATED TRIM,  
COMPLETE.
  - 3 REMOVE SEALANT AT PERIMETER OF LOUVER.  
LOUVER TO REMAIN.
  - 4 REMOVE ASPHALT SHINGLE ROOF &  
UNDERLAYMENT, COMPLETE.
  - 5 REMOVE METAL ROOF & UNDERLAYMENT,  
COMPLETE.
  - 6 REMOVE ROOF MEMBRANE, RIGID INSULATION, &  
ASSOCIATED TRIM, COMPLETE.
  - 7 REMOVE ASPHALT SHINGLE ROOF &  
UNDERLAYMENT AT ROOF DORMER, COMPLETE.
  - 8 REMOVE MASONRY STEP FLASHING AT ROOF TO  
WALL INTERSECTION.
  - 9 REMOVE ROOF-TO-WALL FLASHING.
  - 10 REMOVE ROOF MEMBRANE CRICKET.
  - 11 REMOVE GUTTER & DOWNSPOUTS, COMPLETE.
  - 12 REMOVE CONDUCTOR HEAD & DOWNSPOUT.
  - 13 REMOVE MECHANICAL EQUIPMENT & ASSOCIATED  
SUPPORTS.
  - 14 REMOVE MECHANICAL DUCTWORK & ASSOCIATED  
SUPPORTS.
  - 15 REMOVE, SALVAGE, & REINSTALL MECHANICAL  
EQUIPMENT.
  - 16 REMOVE PARAPET WALL COPING, COMPLETE.
  - 17 REMOVE FLASHING AT COPING TERMINATION AT  
WALL INTERSECTION.
  - 18 REMOVE METAL ROOF SUMP FABRICATION & DS.  
DOCUMENT CONFIGURATION OF THE EXISTING  
FABRICATION TO SERVE AS THE BASIS FOR  
CONFIGURATION OF THE REPLACEMENT  
FABRICATION.
  - 19 REMOVE ROOF MEMBRANE FLASHING INTO METAL  
SCUPPER. METAL SCUPPER FABRICATION TO  
REMAIN.
  - 20 REMOVE MEMBRANE ROOF FLASHING  
TERMINATION DETAIL & SEALANT.
  - 21 REMOVE METAL FASCIA, SOFFIT, & FREIZE BOARD,  
COMPLETE.
  - 22 REMOVE METAL RAKE TRIM, COMPLETE.
  - 23 REMOVE DOWNSPOUT. DOCUMENT  
CONFIGURATION OF THE EXISTING DS TO SERVE  
AS THE BASIS FOR CONFIGURATION OF THE  
REPLACEMENT DS.
  - 24 REMOVE SECURITY CAMERAS ATTACHED TO THE  
BUILDING - ENTIRE PERIMETER.
  - 25 REMOVE LOOSE PAINT & PREP EXISTING LOUVER  
FOR NEW PAINT.



**AD-3.1  
AD-3** **ROOF DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"



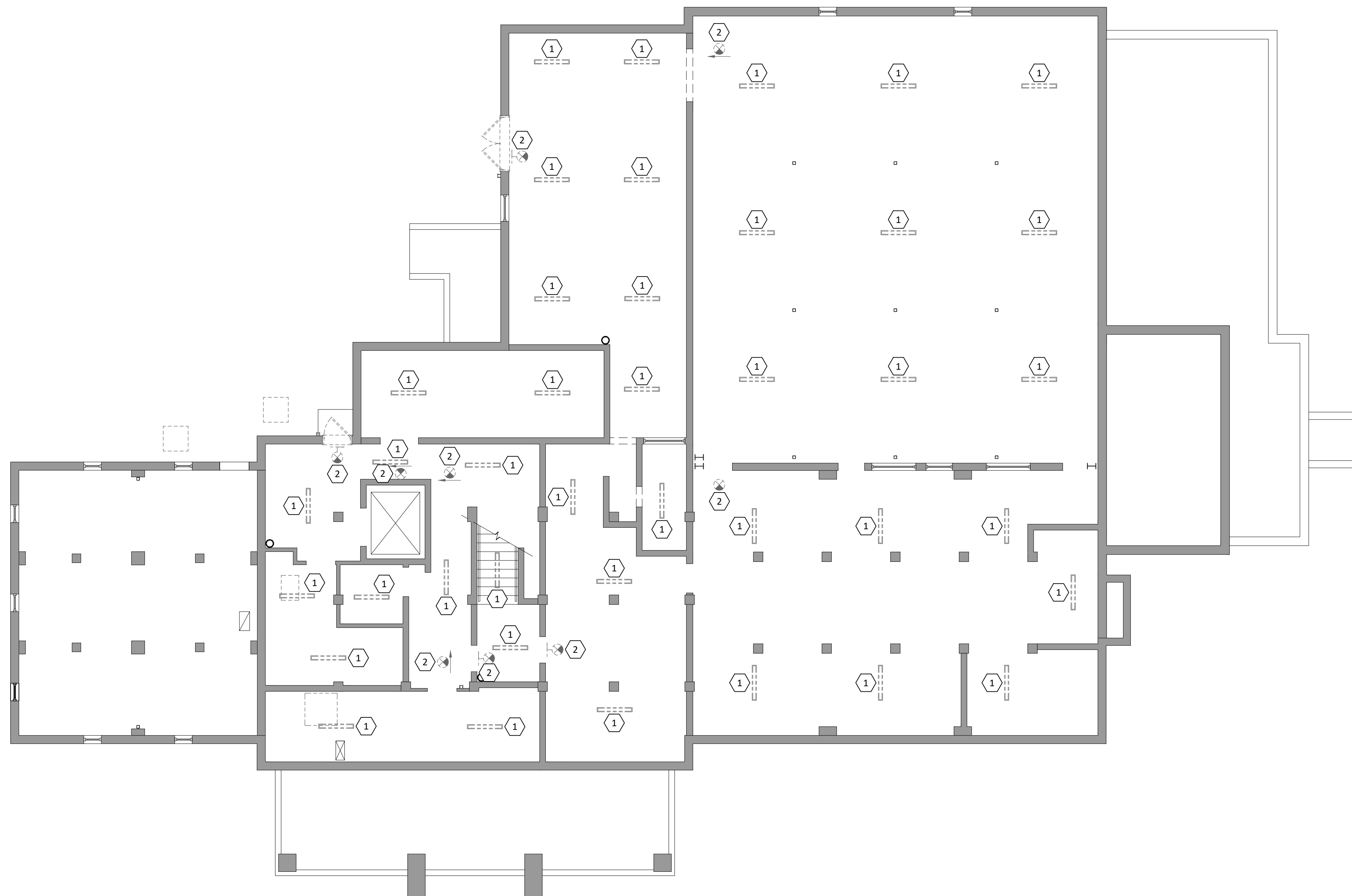
DATE: SEPT 5, 2025

REVISIONS	△	
	△	
	△	
	△	
	△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002 | www.HughesAE.com

**CEILING DEMOLITION NOTES**

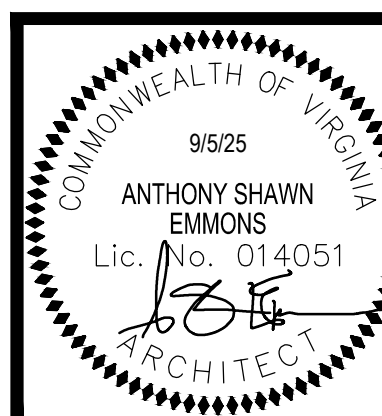
- 1 REMOVE ALL LIGHT FIXTURES FOR THE ENTIRE ROOM.
- 2 REMOVE ALL EXIT SIGNS.



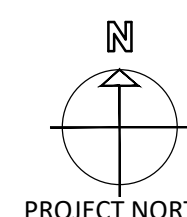
Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave    Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**BASEMENT  
CEILING  
DEMOLITION  
PLAN**



COMMISSION No.  
24058.001  
SHEET  
**AD-4**



**BASEMENT CEILING DEMOLITION PLAN**

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

AD-3.1  
AD-3

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

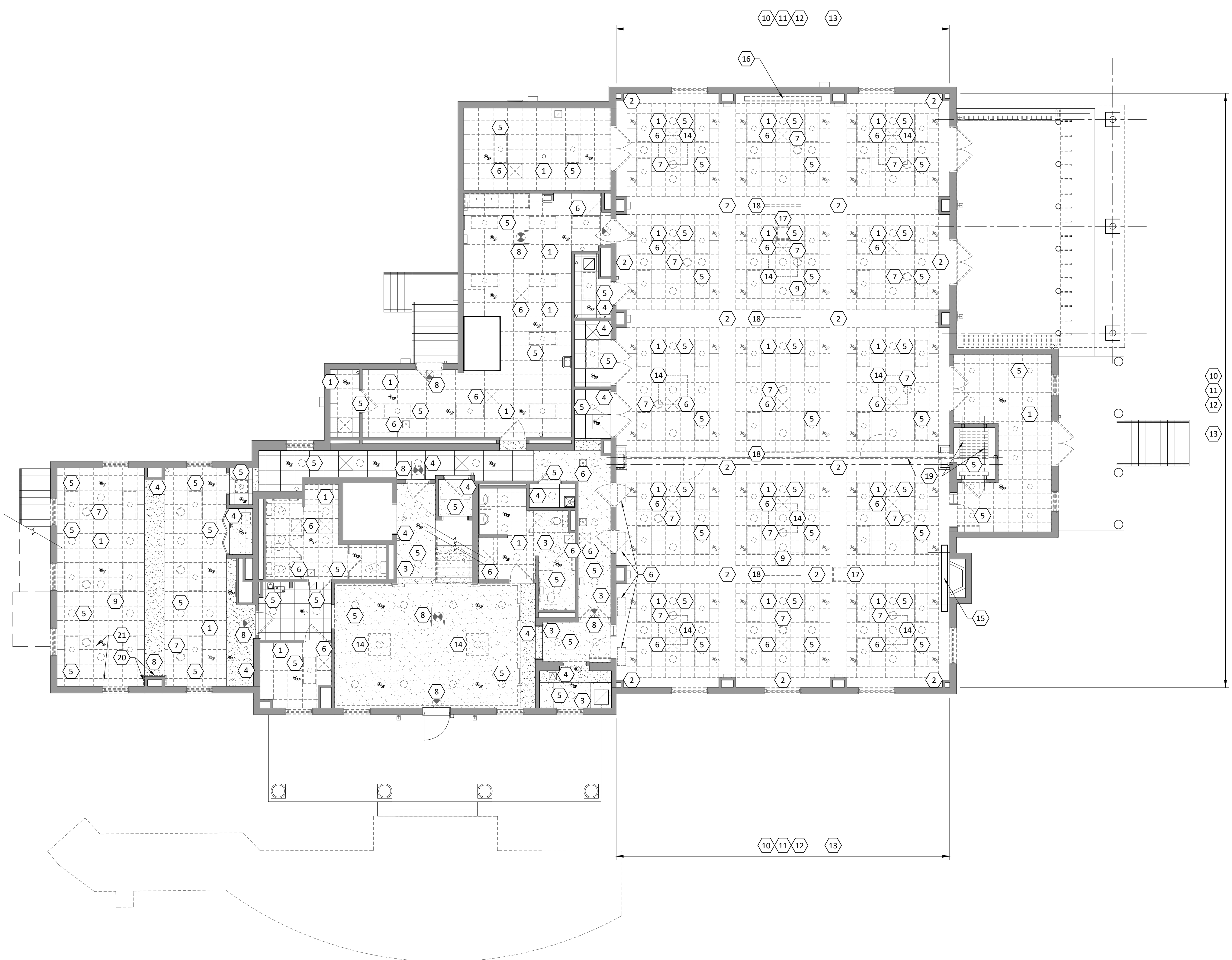
DRAWN BY: ASE  
CHECKED BY: ASE

**FIRST FLOOR  
CEILING  
DEMOLITION  
PLAN**



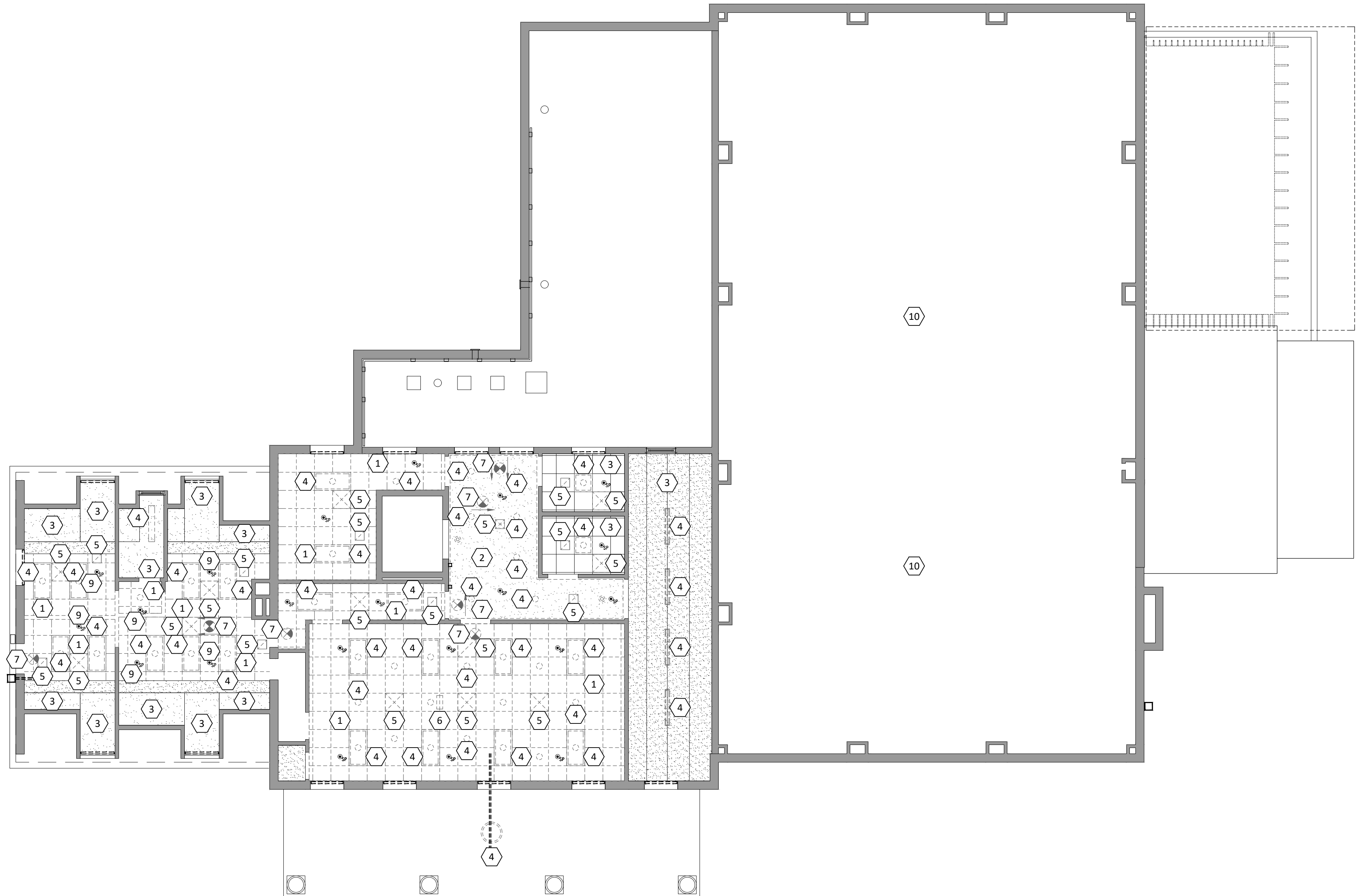
COMMISSION No.  
24058.001  
SHEET  
**AD-5**  
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

- CEILING DEMOLITION NOTES**
- 1 REMOVE ACT CEILING; TILES & GRID, COMPLETE. SUSPENSION SYSTEM & STRUCTURAL SUPPORT TO REMAIN.
  - 2 REMOVE GWB BULKHEAD & BULKHEAD FRAMING, COMPLETE.
  - 3 REMOVE GWB CEILING. CEILING FRAMING & SUPPORT SHALL REMAIN FOR NEW GWB CEILING INSTALLATION.
  - 4 AT GWB CEILINGS SHOWN TO REMAIN, WHERE GC DETERMINES CEILING REMOVAL IS NECESSARY TO FACILITATE ABOVE-CEILING WORK, REMOVE ENTIRE GWB CEILING TO PROVIDE ACCESS FOR ABOVE-CEILING WORK. INSTALL NEW GWB CEILING COMPLETE, & FINISH AND PAINT TO MATCH EXISTING ADJACENT CEILING.
  - 5 REMOVE ALL LIGHT FIXTURES FOR THE ENTIRE ROOM.
  - 6 REMOVAL ALL CEILING MECHANICAL DEVICES FOR THE ENTIRE ROOM.
  - 7 REMOVE, SALVAGE, & REINSTALL ALL CEILING SPEAKERS. IN MEETING ROOM 102 INSTALL SPEAKERS IN THE SAME LOCATIONS. IN BALLROOM 109 & 112 INSTALL AT NEW LOCATIONS PER NEW BALLROOM CEILING LAYOUT.
  - 8 REMOVE ALL EXIT SIGNS.
  - 9 REMOVE, SALVAGE, & REINSTALL ALL WIRELESS ACCESS POINT (WAP) DEVICE. INSTALL IN THE SAME LOCATION.
  - 10 REMOVE PLASTER CEILING & GWB CEILING AT THE BOTTOM OF THE STEEL BEAMS, WOOD FRAMING, & WOOD TRUSSES IN THE BALLROOM, COMPLETE.
  - 11 REMOVE BATT INSULATION AT THE BOTTOM OF THE WOOD TRUSSES & WOOD FRAMING IN THE BALLROOM, COMPLETE.
  - 12 REMOVE ALL DEBRIS FROM THE ATTIC SPACE ABOVE THE BALLROOM.
  - 13 REMOVE ALL SPRINKLER HEADS THROUGHOUT BALLROOM.
  - 14 REMOVE & SALVAGE DECORATIVE PENDANT LIGHT. TURN LIGHT FIXTURES OVER TO OWNER.
  - 15 REMOVE, SALVAGE, & REINSTALL MOTORIZED CEILING-MOUNTED PROJECTOR SCREEN.
  - 16 REMOVE & SALVAGE MOTORIZED CEILING-MOUNTED PROJECTOR SCREEN. TURN SCREEN OVER TO OWNER.
  - 17 REMOVE, SALVAGE, & REINSTALL MOTORIZED CEILING-MOUNTED PROJECTOR & PROJECTOR ASSEMBLY.
  - 18 REMOVE & SALVAGE CEILING MOUNTED LINEAR MICROPHONES. TURN OVER TO OWNER.
  - 19 REMOVE OPERABLE PARTITION CEILING-MOUNTED TRACK. STRUCTURAL SUPPORT SHALL REMAIN.
  - 20 REMOVE PORTION OF EXST PLASTER GWB TO THE EXTENT NECESSARY TO INSTALL NEW PIPING FROM SECOND FLOOR BREAKROOM SINK TO CRAWLSPACE BELOW.
  - 21 REMOVE PORTION OF FINISH CEILING & PLASTER CEILING ABOVE FINISH CEILING TO THE EXTENT NECESSARY TO INSTALL NEW PIPING.
- AT ACT CEILINGS SHOWN TO REMAIN, WHERE GC DETERMINES CEILING REMOVAL IS NECESSARY TO FACILITATE ABOVE-CEILING WORK, REMOVE & SALVAGE CEILING SYSTEM TO PROVIDE ACCESS FOR ABOVE-CEILING WORK, RE-INSTALL SALVAGED CEILING SYSTEM TO MATCH ORIGINAL SYSTEM. WHERE SALVAGED COMPONENTS ARE DAMAGED, REPLACE WITH NEW COMPONENTS TO MATCH EXISTING.

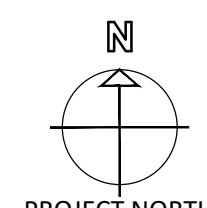


**FIRST FLOOR CEILING DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"

- CEILING DEMOLITION NOTES**
- 1 REMOVE ACT CEILING; TILES & GRID, COMPLETE. SUSPENSION SYSTEM & STRUCTURAL SUPPORT TO REMAIN.
  - 2 REMOVE GWB CEILING. CEILING FRAMING & SUPPORT SHALL REMAIN FOR NEW GWB CEILING INSTALLATION.
  - 3 AT GWB CEILINGS SHOWN TO REMAIN, WHERE GC DETERMINES CEILING REMOVAL IS NECESSARY TO FACILITATE ABOVE-CEILING WORK, REMOVE ENTIRE GWB CEILING TO PROVIDE ACCESS FOR ABOVE-CEILING WORK, INSTALL NEW GWB CEILING COMPLETE, & FINISH AND PAINT TO MATCH EXISTING ADJACENT CEILING.  
  
AT ACT CEILINGS SHOWN TO REMAIN, WHERE GC DETERMINES CEILING REMOVAL IS NECESSARY TO FACILITATE ABOVE-CEILING WORK, REMOVE & SALVAGE CEILING SYSTEM TO PROVIDE ACCESS FOR ABOVE-CEILING WORK, RE-INSTALL SALVAGED CEILING SYSTEM TO MATCH ORIGINAL SYSTEM, WHERE SALVAGED COMPONENTS ARE DAMAGED, REPLACE WITH NEW COMPONENTS TO MATCH EXISTING.
  - 4 REMOVE ALL LIGHT FIXTURES FOR THE ENTIRE ROOM.
  - 5 REMOVAL ALL CEILING MECHANICAL DEVICES FOR THE ENTIRE ROOM.
  - 6 REMOVE, SALVAGE, & REINSTALL ALL WIRELESS ACCESS POINT (WAP) DEVICE. INSTALL IN THE SAME LOCATION.
  - 7 REMOVE ALL EXIT SIGNS.
  - 8 REMOVE, SALVAGE, & REINSTALL ALL WIRELESS ACCESS POINT (WAP) DEVICE. INSTALL IN THE SAME LOCATION.
  - 9 FOR SPRINKLER HEADS IN SECOND FLOOR OFFICE SUITE, REPLACE, RELOCATE, RECONFIGURE, & ADD SPRINKLER HEAD LOCATIONS AS NECESSARY TO PROVIDE PROPER COVERAGE PER DELEGATED SPRINKLER DESIGN.
  - 10 SEE AD-5 FIRST FLOOR CEILING DEMOLITION PLAN FOR BALLROOM CEILING DEMOLITION INFORMATION.



**SECOND FLOOR CEILING DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"





GENERAL NOTES

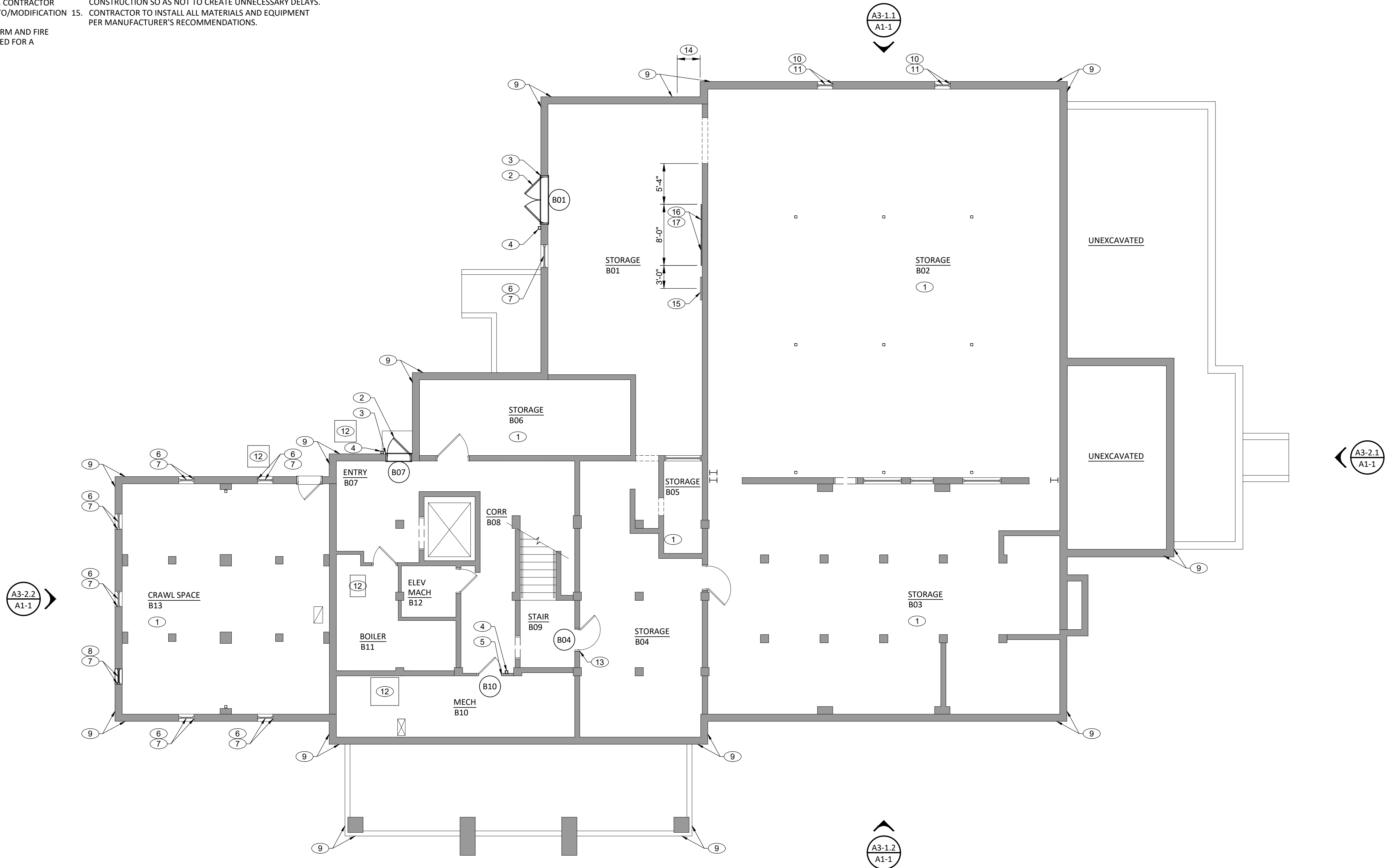
- ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL COMPLY WITH THE BUILDING CODE DATA. NO ASBESTOS CONTAINING MATERIALS SHALL BE USED IN THE COURSE OF THIS WORK.
- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND ACCESSORIES FOR WORK INDICATED HEREIN, UNLESS NOTED OTHERWISE, COMPLETE AND IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, GENERALLY ACCEPTED INDUSTRY STANDARDS OF WORKMANSHIP AND CARE, AND AS REQUIRED FOR A FINISHED INSTALLATION AND TO OBTAIN A CERTIFICATE OF OCCUPANCY.
- EXISTING AREAS, DIMENSIONS, TYPES/LOCATIONS OF FIRE-RESISTANCE RATED ASSEMBLIES, AND SIZES/LOCATIONS OF EXISTING EQUIPMENT ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL SITE CONDITIONS PRIOR TO SUBMITTING A BID. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY OWNER/ARCHITECT IMMEDIATELY.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, SEQUENCING, SITE SAFETY, AND SECURITY FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL VERIFY THE AVAILABILITY OF EXISTING FACILITIES AND UTILITIES AT THE PROJECT SITE PRIOR TO SUBMITTING A BID. COSTS ASSOCIATED WITH THE USE OF EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK WITH THE OWNER'S ACTIVITIES AND OTHER TRADES INVOLVED WITH WORK AT THE PROJECT SITE. CONTRACTOR SHALL COORDINATE WORK WITH ADDITION TO/MODIFICATION OF EXISTING MECHANICAL, ELECTRICAL, PLUMBING, AUTOMATIC SPRINKLER, FIRE ALARM AND FIRE DETECTION SYSTEMS, BY OTHERS, AS REQUIRED FOR A FINISHED INSTALLATION.
- ALL WORK THAT REQUIRES DISABLING OF FIRE AND OTHER EMERGENCY SYSTEMS SHALL BE COORDINATED WITH THE OWNER AND ALL AUTHORITIES HAVING JURISDICTION PRIOR TO COMMENCING. FIRE ALARM SYSTEM TESTING SHALL BE PROVIDED, INCLUDING VERIFICATION OF THE FINAL CONNECTION AND INTERACTIONS WITH THE EXISTING SYSTEMS, DEVICES AND FIRE SUPPRESSION SYSTEM. TESTING SHALL BE COORDINATED AND OBSERVED BY THE AHJ.
- IF A CONFLICT BETWEEN CONSTRUCTION DOCUMENTS, CODE REQUIREMENTS, AND/OR MANUFACTURER'S DATA SHOULD ARISE, THE MORE STRINGENT SHALL PREVAIL.
- CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OF STRUCTURAL MEMBERS, EXISTING AND TEMPORARY STRUCTURES AS REQUIRED FOR THE DURATION OF THE WORK. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY ARCHITECT/ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP AND REMOVAL OF DEBRIS FROM SITE.
- CONTRACTOR SHALL ENFORCE THE USE OF PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED BY OSHA FOR INDUSTRIAL HIGH NOISE AREAS.
- CONTRACTOR'S PERSONNEL SHALL CONDUCT THEMSELVES PROPERLY AT ALL TIMES.
- CONTRACTOR SHALL PROTECT COMPLETED WORK FROM DAMAGE FROM ADJACENT ACTIVITIES OR INCLEMENT WEATHER AT ALL TIMES. ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- CONTRACTOR IS TO CALL FOR REQUIRED INSPECTIONS AS NEEDED IN A TIMELY MANNER DURING THE COURSE OF CONSTRUCTION SO AS NOT TO CREATE UNNECESSARY DELAYS.
- CONTRACTOR TO INSTALL ALL MATERIALS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR TO SUBMIT TO THE ARCHITECT FOR REVIEW AND APPROVAL A SINGLE DIGITAL FILE WITH ALL RELEVANT WARRANTY AND OPERATIONS AND MAINTENANCE INFORMATION.
- CONTRACTOR TO SEAL WITH FIRE CAULK NEW PENETRATIONS IN WALL AND FLOOR ASSEMBLIES IN WORK AREA AND TO MAINTAIN EXISTING FIRE RATINGS OF BUILDING ELEMENTS.
- ANY NEEDED SPRINKLER WORK SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 13.
- PATCH ALL WALLS DISTURBED BY DEMOLITION ACTIVITIES INCLUDING MECHANICAL AND ELECTRICAL FIXTURE & APPLIANCE REMOVAL.
- PROVIDE POWER & DATA PER ELECTRICAL DRAWINGS.
- EXISTING ELECTRICAL & FIRE ALARM SYSTEM DEVICES AFFECTED BY ALTERATIONS/ NEW WORK SHALL BE RELOCATED AND ADJUSTED AS NECESSARY.
- SIGNAGE IS EXCLUDED FROM THIS CONSTRUCTION CONTRACT.
- INTERIOR DIMENSIONS ARE TAKEN TO FACE OF GWB & FACE OF CMU.
- PROVIDE THE OWNER WITH A SILICA EXPOSURE CONTROL PLAN FOR THE PROJECT AND ADHERE TO THE PLAN FOR THE PROJECT DURATION.
- NO EXPOSED OR SURFACE-MOUNTED CONDUIT ALLOWED.
- DISPOSAL OF MATERIALS: CONTRACTOR SHALL DELIVER ALL SOLID WASTE COLLECTED ON PROJECT SITE TO THE REGIONAL SOLID WASTE AUTHORITY. COORDINATE ON SITE DUMPSTER LOCATION AND SILICA EXPOSURE CONTROL PLAN WITH THE OWNER.

GENERAL PLAN NOTES

- SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.
- AT NEW DOOR FRAME LOCATIONS, RECONFIGURE EXST OPENING FRAMING OR REPLACE WITH NEW FRAMING TO ACCOMMODATE NEW FRAME SIZE.

PLAN NOTES

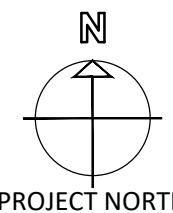
- BEYOND THE SCOPE OF WORK. NO WORK IN THIS ROOM W/ THE EXCEPTION OF LIGHTING - SEE CEILING PLAN & ELEC SHEETS FOR NEW LIGHT FIXTURES.
- PAINT NEW HM DOOR & FRAME.
- INSTALL SEALANT AT FRAME PERIMETER.
- WALL-MOUNTED ACCESS CONTROL DEVICE.
- NEW ELECTRIC STRIKE IN EXST HM FRAME. UTILIZE SHALLOW STRIKE TO FIT IN EXST FRAME W/ STANDARD STRIKE PREP.
- PAINT EXST FOUNDATION VENT.
- INSTALL SEALANT AT PERIMETER OF FOUNDATION VENT.
- NEW FOUNDATION VENT TO MATCH EXST TO FILL EXST OPENING. PAINT TO MATCH EXST VENTS.
- PAINT EXPOSED PORTION OF FOUNDATION WALL FROM GRADE TO THE TRANSITION BETWEEN STUCCO & BRICK FOR ENTIRE BUILDING PERIMETER.
- PAINT EXST LOUVER.
- INSTALL SEALANT AT PERIMETER OF LOUVER.
- MECHANICAL EQUIPMENT. SEE MECH.
- REPAIR LATCH SIDE OF EXST HM FRAME TO SECURELY ANCHOR JAMB OF FRAME TO EXST MASONRY WALL. ENSURE THAT FRAME IS PLUMB.
- REPAIR CONC FOUNDATION WALL STUCCO FINISH & PAINT TO MATCH ADJACENT. PAINT.
- POWER & DATA FOR WALL-MOUNTED MONITOR LOCATION, 60" AFF, INTEGRATE WITH NEW CAMERA SYSTEM.
- SCREW-ATTACH TWO 4'x8' SHEETS OF PLYWOOD, VERTICALLY ORIENTED FOR CAMERA & ACCESS CONTROL EQUIPMENT INSTALLATION.
- 20A QUAD RECEPTACLE CENTERED ON EACH PIECE OF PLYWOOD AT 18" AFF. SEE ELEC.



A1-0.1  
A1-0

BASEMENT FLOOR PLAN

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



DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

BASEMENT  
FLOOR PLAN



COMMISSION No.  
24058.001  
SHEET  
**A1-0**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

# PLAN NOTES - CONT

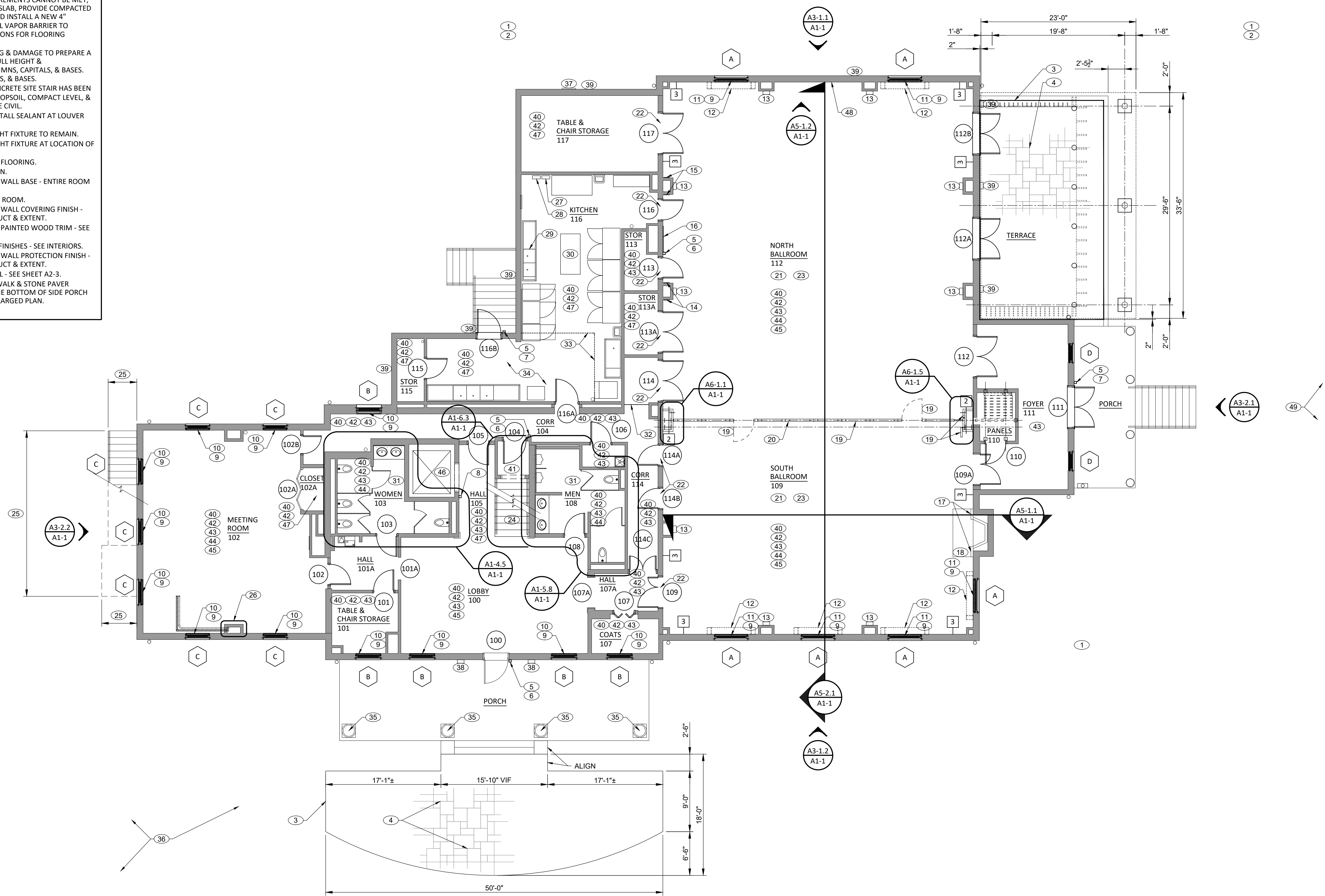
- 26 PAINTED GWB TO REPLACE THE EXTENT OF EXST GWB REMOVED TO FACILITATE INSTALLATION OF NEW PIPING FROM SECOND FLOOR BREAKROOM SINK.
- 27 RELOCATED WALL-MOUNTED FIRST AID CABINET.
- 28 RELOCATED WALL-MOUNTED DEFIBRILLATOR.
- 29 RELOCATED STAINLESS STEEL SINK & ASSOCIATED PIPING.
- 30 RELOCATED TABLE.
- 31 TO PROVIDE NEW WALL SUBSTRATE AFTER DEMOLITION OF EXST TILE FINISH, PROVIDE NEW TILE BACKER BOARD & NEW GWB, AS NECESSARY. PREPARE NEW & EXST PORTIONS SUBSTRATE FOR INSTALLATION OF NEW WALL TILE & WALL COVERING. SEE INTERIORS FOR FINISHES.
- 32 AT NEW LEVEL FLOOR SUBSTRATE TRANSITION, PROVIDE RUBBER TRANSITION AT JOINT. BASIS-OF-DESIGN: JOHNSONITE, ADPATER, CTA-XX-A TYPE OR EQUIVALENT.
- 33 AT JOINT BETWEEN ORIGINAL BUILDING & PREVIOUS ADDITION, INSTALL CEMENTITIOUS SELF-LEVELING MIXTURE TO INFILL WHERE PORTION OF EXST MASONRY WALL/ CONC SLAB WAS REMOVED TO CREATE A LEVEL SUBFLOOR CONDITION.
- 34 AT PORTION OF KITCHEN SUBFLOOR COMPRISED OF ORIGINAL BUILDING CONCRETE PORCH, CONFIRM SLAB RELATIVE HUMIDITY COMPLIES W/ POLYVINYL SAFETY FLOORING MANUFACTURER'S INSTALLATION REQUIREMENTS. IF REQUIREMENTS CANNOT BE MET, REMOVE EXST CONCRETE SLAB, PROVIDE COMPACTED AGGREGATE BACKFILL, AND INSTALL A NEW 4" CONCRETE SLAB W/ 15 MIL VAPOR BARRIER TO ACHIEVE PROPER CONDITIONS FOR FLOORING INSTALLATION.
- 35 PATCH & REPAIR CRACKING & DAMAGE TO PREPARE A SMOOTH SURFACE FOR FULL HEIGHT & CIRCUMFERENCE OF COLUMNS, CAPITALS, & BASES. PAINT COLUMNS, CAPITALS, & BASES.
- 36 AT LOCATION WHERE CONCRETE SITE STAIR HAS BEEN REMOVED, FILL VOID W/ TOPSOIL, COMPACT LEVEL, & SEED FOR NEW GRASS. SEE CIVIL.
- 37 PAINT EXST LOUVER & INSTALL SEALANT AT LOUVER PERIMETER.
- 38 EXST WALL-MOUNTED LIGHT FIXTURE TO REMAIN.
- 39 NEW WALL-MOUNTED LIGHT FIXTURE AT LOCATION OF EXST - SEE ELEC.
- 40 INSTALL NEW SCHEDULED FLOORING.
- 41 EXST FLOORING TO REMAIN.
- 42 INSTALL NEW SCHEDULED WALL BASE - ENTIRE ROOM PERIMETER.
- 43 PAINT ALL WALLS - ENTIRE ROOM.
- 44 INSTALL NEW SCHEDULED WALL COVERING FINISH - SEE INTERIORS FOR PRODUCT & EXTENT.
- 45 INSTALL NEW SCHEDULED PAINTED WOOD TRIM - SEE INTERIORS.
- 46 PROVIDE NEW ELEVATOR FINISHES - SEE INTERIORS.
- 47 INSTALL NEW SCHEDULED WALL PROTECTION FINISH - SEE INTERIORS FOR PRODUCT & EXTENT.
- 48 BALLROOM FEATURE WALL - SEE SHEET A2-3.
- 49 REPLACE CONCRETE SIDEWALK & STONE PAVER FEATURE ADJACENT TO THE BOTTOM OF SIDE PORCH STAIR. SEE A1-6.5 FOR ENLARGED PLAN.

# GENERAL PLAN NOTES

- 1 SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.
- 2 AT NEW DOOR FRAME LOCATIONS, RECONFIGURE EXST OPENING FRAMING OR REPLACE WITH NEW FRAMING TO ACCOMMODATE NEW FRAME SIZE.
- 3 AT INTERIOR DOOR FRAME LOCATIONS PROVIDE PAINTED WOOD TRIM AT FACE OF HM FRAME - BOTH SIDES.
- 4 AT EXTERIOR DOOR FRAME LOCATIONS PROVIDE PAINTED WOOD TRIM AT INSIDE FACE OF HM FRAME & PAINTED ENGINEERED WOOD BRICK MOULD TRIM AT EXTERIOR FACE OF FRAME.
- 5 IN BALLROOM 109 & 112, REPLACE ALL EXST FIRE ALARM DEVICES WITH NEW WHITE DEVICES W/ RED LETTERING. INSTALL NEW DEVICES AT EXST LOCATIONS. AT THE FACES OF ALL BALLROOM PLASTERS, IN CONJUNCTION WITH REPLACING WALL GWB RELOCATED ALL DEVICES FROM THE FACES OF PLASTERS TO THE SIDE OF PLASTERS AT THE SAME APPROXIMATE HEIGHT & CONFIGURATION. IN 112, RELOCATED DEVICES TO THE NORTH SIDES OF PLASTERS. IN 109, RELOCATE DEVICES TO THE SOUTH SIDES OF PLASTERS.
- 6

# PLAN NOTES

- 1 AT ALL SITE POLE LIGHTS, REPLACE POLE BASE COVER W/ PREFINISHED METAL COVER TO MATCH SIZE, SHAPE, & COLOR OF EXST BASE COVERS. SEE CIVIL SHEET C-100 FOR POLE LIGHT LOCATIONS.
- 2 SITE WORK BASE BID: SEE CIVIL SHEET C-100. BASE BID EXCLUDES MILL & OVERLAY, PAVING, RE-STRIPING, & DROP INLET REPAIR. ADDITIVE ALTERNATE NO. 2: PROVIDE SITE WORK TO INCLUDE MILL & OVERLAY, RE-STRIPING, & DROP INLET REPAIR AS SHOWN ON CIVIL SHEET C-100 & DESCRIBED AS ADD. ALT. NO. 2.
- 3 STAMPED STAINED CONCRETE SLAB - PROVIDE 4" THICK SLAB-ON-GRADE ON AGGREGATE AT AN ELEVATION TO MATCH EXST HEIGHTS OF CONC SIDEWALK, BRICK PAVER, & STONE PAVER AREAS BEING REPLACED. (INCLUDE IN BASE BID FOR ALL LOCATIONS EXCEPT PERGOLA PATIO.) (PERGOLA PATIO BASE BID: EXST BRICK PAVERS & PATIO DRAINS TO REMAIN.) (ADDITIVE ALTERNATE NO. 1: PROVIDE NEW SLAB AT PERGOLA PATIO. REPLACE TWO PATIO DRAINS) CONCRETE STAMP PATTERN BASIS-OF-DESIGN: SIKASTAMP, ENGLISH RIVENSTONE CONCRETE STAIN BASIS-OF-DESIGN: SIKACOLOR - 300 / SIKACOLOR-340 SG ANTIQUING RELEASE & SIKACOLOR-350 ANTIQUING AGENT, BASE COLOR: U29 SOAPSTONE, RELEASE COLOR: R26 CAPE COD GRAY. (ADDITIVE ALTERNATE NO. 1 AT PERGOLA PATIO) (INCLUDE IN BASE BID FOR ALL OTHER LOCATIONS) WALL-MOUNTED ACCESS CONTROL DEVICE. OFCI. FOR ACCESS CONTROL HARDWARE COORDINATION, PROVIDE ELECTRIC STRIKE IN HM FRAME. UTILIZE SHALLOW STRIKE TO FIT IN FRAME W/ STANDARD STRIKE PREP.
- 4
- 5
- 6 FOR ACCESS CONTROL HARDWARE COORDINATION, PROVIDE ELECTRIC LATCH RETRACTION FEATURE EXIT DEVICE. FOR ACCESSIBILITY, EXIT DEVICE SHALL BE RIM TYPE FOR SINGLE DOORS & SHALL BE CONCEALED ROD TYPE FOR PAIRS OF DOORS W/ NO MULLION.
- 7 WALL-MOUNTED ELEVATOR ACCESS CONTROL DEVICE - TO CONTROL EXST CAR CALL BUTTONS. COORD W/ EXISTING ELEVATOR CONTROLS. OFCI.
- 8 PAINTED WOOD TRIM & SILL AT INSIDE FACE OF ALL WINDOWS.
- 9 MANUAL ROLLER SHADE W/ FASCIA, INSIDE MOUNT, 5% OPENESS AT ALL WINDOWS EXCEPT IN BALLROOM.
- 10 MOTORIZED, DUAL-ROLLER, ROLLER SHADE W/ FASCIA, INSIDE MOUNT, 5% OPENESS + BLACKOUT SHADE. LOCATE CONTROLS IN ROOM 113.
- 11 CUSTOM FABRIC WINDOW TREATMENT FABRICATION. SEE INTERIORS. COORDINATE BLOCKING IN WALLS AT SIDES & TOP OF WINDOW WITH SUPPLIER/ INSTALLER TO FACILITATE INSTALLATION.
- 12 CUSTOM WALL SCONCE. SEE SPECIFICATION SECTION 01 2100 ALLOWANCES. SEE ELEC FOR POWER. SEE INTERIOR ELEVATIONS FOR INSTALLATION HEIGHT.
- 13 CUSTOM METAL GRILLE FOR EXST MECHANICAL DUCTWORK - WG-2 AT PLASTERS. SEE GRILLE ELEVATIONS ON SHEET A2-2.
- 14 CUSTOM METAL GRILLE FOR EXST MECHANICAL DUCTWORK - WG-3AT PLASTERS. SEE GRILLE ELEVATIONS ON SHEET A2-2.
- 15 CUSTOM METAL GRILLE FOR EXST MECHANICAL DUCTWORK - WG-1 AT WALL BELOW CHAIR RAIL. SEE GRILLE ELEVATIONS ON SHEET A2-2.
- 16 PAINT EXST WOOD MANTLE, COMPLETE.
- 17 INSTALL NEW TILE HEARTH TO MATCH EXST DIMENSIONS. SEE INTERIORS.
- 18 OPERABLE PARTITION - BASIS-OF-DESIGN: MODERNFOLD, ACOUSTI-SEAL ENCORE, SINGLE PANEL, 12'-0" NOMINAL HEIGHT W/ (2) 3'x7" PASS DOORS W/ HANDPULLS, AND A TYPE 1 POCKET DOOR AT NEW PLASTER. SEE INTERIORS FOR PANEL FINISH & TRIM COLOR SELECTIONS.
- 19 WOOD FLOOR CONTINUOUS AT OPERABLE PARTITION; NO FLOOR TRACK.
- 20 WOOD PLANK FLOORING. SEE INTERIORS FOR BASIS-OF-DESIGN & COLOR/ FINISH INFORMATION. THROUGHOUT BALLROOM EXST FLOOR IS NOT LEVEL. AS PART OF NEW FLOOR INSTALLATION, LEVEL THE SUBFLOOR. DO NOT DISTURB THE EXST STRUCTURE & SHEATHING. LEVEL BY SHIMMING, CEMENTITIOUS SELF-LEVELING MIXTURE, OR A COMBINATION OF THE TWO TO ACHIEVE THE BEST RESULT. LEVEL THE NEW WOOD FLOOR INSTALLATION TO THE MAXIMUM EXTENT POSSIBLE WHILE BEING LIMITED TO A NEW MAXIMUM 3/4" HIGHER ELEVATION AT EXST DOORS 109, 113, 113A 114, 114A, 114B, 116, & 117.
- 21 FLOOR LEVEL CHANGE AT DOOR BETWEEN BALLROOM AND ADJACENT ROOMS NEGOTIATED BY NEW THRESHOLD WITH A MAXIMUM FLOOR LEVEL CHANGE OF 3/4". UTILIZE ZERO, RAMPS 233 (0.75" TO 0.50" OVER 3") & 234 (0.50" TO 0.25" OVER 3") OR A COMBINATION OF THE TWO DEPENDING ON THE FLOOR LEVEL CHANGE BUT NOT TO EXCEED 3/4". FINISH COLOR SHALL BE BRONZE TO COORDINATE WITH THE BALANCE OF DOOR HARDWARE FINISHES.
- 22 PARTITION TYPE 3 - ENTIRE BALLROOM.
- 23 SEE ENLARGED PLANS FOR STAIR REPAIR, DEMO, & NEW WORK DESCRIPTION.
- 24 PAINT EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE.
- 25



# FIRST FLOOR PLAN

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

DATE: SEPT 5, 2025

REVISIONS

HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations to  
THE VINTON WAR MEMORIAL  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE

CHECKED BY: ASE

FIRST FLOOR PLAN

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN EMMONS  
Lic. No. 014051  
ARCHITECT

COMMISSION No.  
24058.001

SHEET

A1-1

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

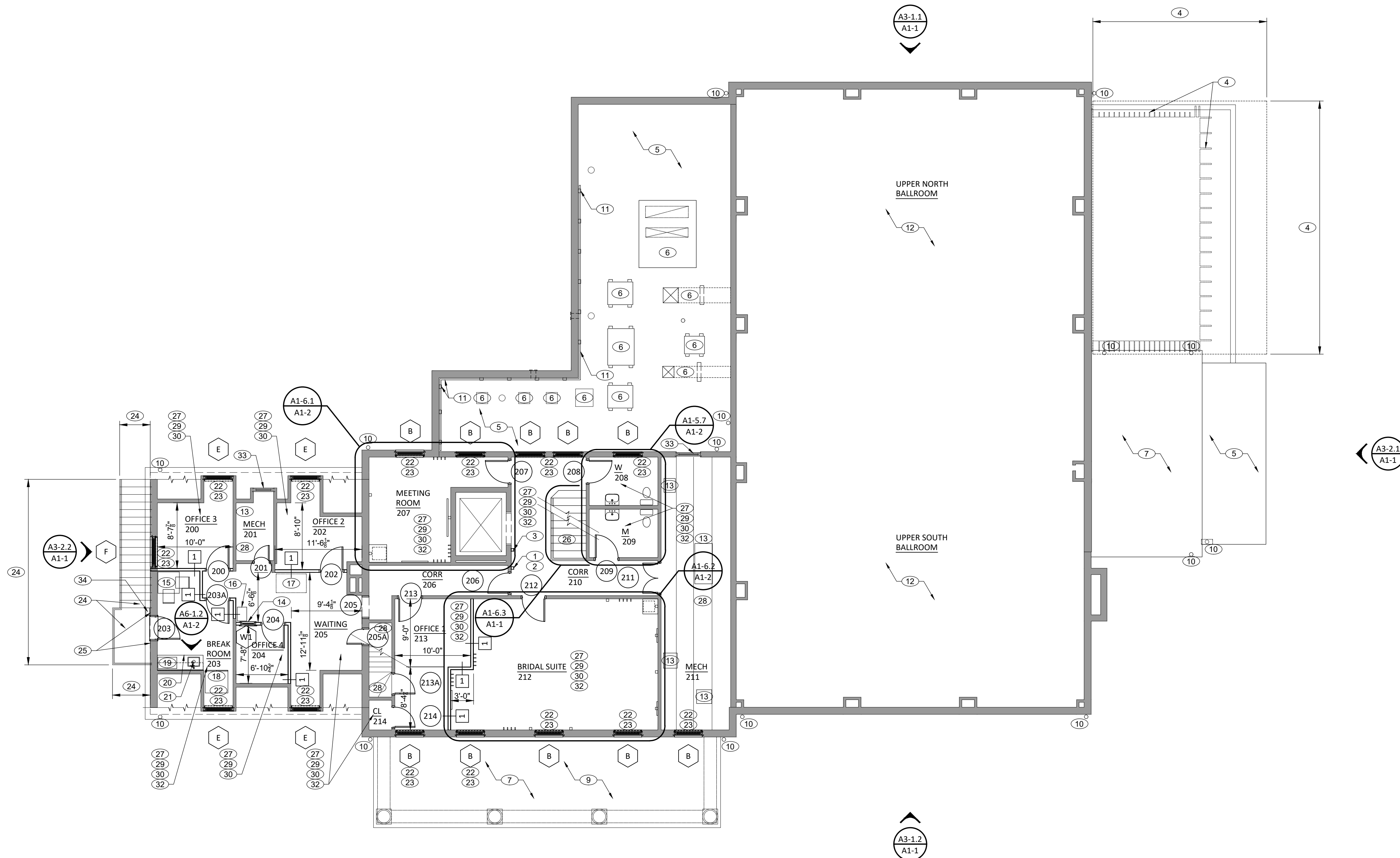


GENERAL PLAN NOTES

- SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.
- AT NEW DOOR FRAME LOCATIONS, RECONFIGURE EXST OPENING FRAMING OR REPLACE WITH NEW FRAMING TO ACCOMMODATE NEW FRAME SIZE.
- AT INTERIOR DOOR FRAME LOCATIONS PROVIDE PAINTED WOOD TRIM AT FACE OF HM FRAME - BOTH SIDES.
- AT EXTERIOR DOOR FRAME LOCATIONS PROVIDE PAINTED WOOD TRIM AT INSIDE FACE OF HM FRAME & PAINTED ENGINEERED WOOD BRICK MOULD TRIM AT EXTERIOR FACE OF FRAME.

PLAN NOTES

- WALL-MOUNTED ACCESS CONTROL DEVICE. OFCI.
- FOR ACCESS CONTROL HARDWARE COORDINATION, PROVIDE ELECTRIC STRIKE IN HM FRAME. UTILIZE SHALLOW STRIKE TO FIT IN FRAME W/ STANDARD STRIKE PREP.
- WALL-MOUNTED ELEVATOR ACCESS CONTROL DEVICE - TO CONTROL EXST CAR CALL BUTTONS. COORD W/ EXISTING ELEVATOR CONTROLS. OFCI.
- SEE PLAN NOTES ON ROOF PLAN & FIRST FLOOR PLAN FOR PERSOLA BASE BID & ADDITIVE ALTERNATE NO. 1 SCOPE-OF-WORK.
- EXST FLAT ROOF - NEW COMPLETE ROOF MEMBRANE SYSTEM. SEE ROOF PLAN NOTES ON SHEET A1-3.
- MECHANICAL EQUIPMENT - SEE ROOF PLAN NOTES & MECHANICAL SHEETS.
- PREFIN METAL STANDING SEAM ROOF PANELS ABOVE - SEE ROOF PLAN NOTES ON SHEET A1-3.
- PREFIN METAL STANDING SEAM ROOF PANELS ABOVE - SEE ROOF PLAN NOTES ON SHEET A1-3.
- FRONT PORCH - SEE FIRST FLOOR PLAN NOTES ON SHEET A1-1.
- 6" ROUND DOWNSPOUTS, PREFIN METAL, WHITE COLOR. SEE ROOF PLAN.
- PAINT EXST METAL GUARD.
- BALLROOM - SEE FIRST FLOOR PLAN NOTES.
- NEW MECHANICAL UNITS - SEE MECH DRAWINGS.
- INTERIOR WINDOW - PAINTED HM FRAME W/ WOOD TRIM & G-1 GLAZING. SEE INTERIOR WINDOW ELEVATION ON SHEET A2-2.
- TABLE & CHAIRS - NIC.
- OWNER'S EXST FILING CABINET - NIC.
- OWNER'S EXST COPIER/ PRINTER - NIC.
- FULL SIZE REFRIGERATOR - NIC.
- COUNTERTOP MICROWAVE - NIC.
- PLAM BASE & WALL CABINETS W/ SOLID SURFACE COUNTER TOP. SEE INTERIORS FOR TILE BACKSPLASH PRODUCT INFO.
- SINK & FAUCET IN SOLID SURFACE COUNTER - SEE MECH DRAWINGS FOR PLUMBING INFO.
- PAINTED WOOD TRIM & SILL AT INSIDE FACE OF ALL WINDOWS.
- MANUAL ROLLER SHADE W/ FASCIA, INSIDE MOUNT, 5% OPENESS AT ALL WINDOWS.
- PAINT EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE.
- ALIGN EXTERIOR FACE OF NEW HM DOOR FRAME WITH THE EXTERIOR FACE OF THE EXST FRAME. WRAP THE OPEN HEAD & JAMBS FROM FACE OF NEW FRAME TO FACE OF BRICK VENEER WITH PAINTED FLAT FIBER CEMENT TRIM. INSTALL PAINTED FLAT FIBER CEMENT TRIM AT THE FACE OF BRICK VENEER AT AN APPROXIMATE WIDTH OF 8" TO MATCH THE EXST TRIM SIZE & CONFIGURATION.
- SEE ENLARGED PLANS FOR STAIR REPAIR, DEMO, & NEW WORK DESCRIPTION.
- INSTALL NEW SCHEDULED FLOORING.
- EXST FLOORING TO REMAIN.
- INSTALL NEW SCHEDULED WALL BASE - ENTIRE ROOM PERIMETER.
- PAINT ALL WALLS - ENTIRE ROOM.
- INSTALL NEW SCHEDULED WALL COVERING FINISH - SEE INTERIORS FOR PRODUCT & EXTENT.
- INSTALL NEW SCHEDULED PAINTED WOOD TRIM - SEE INTERIORS.
- PAINT EXST LOUVER & INSTALL SEALANT AT LOUVER PERIMETER.
- NEW WALL-MOUNTED LIGHT FIXTURE AT LOCATION OF EXST - SEE ELEC.

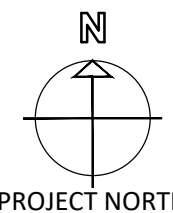
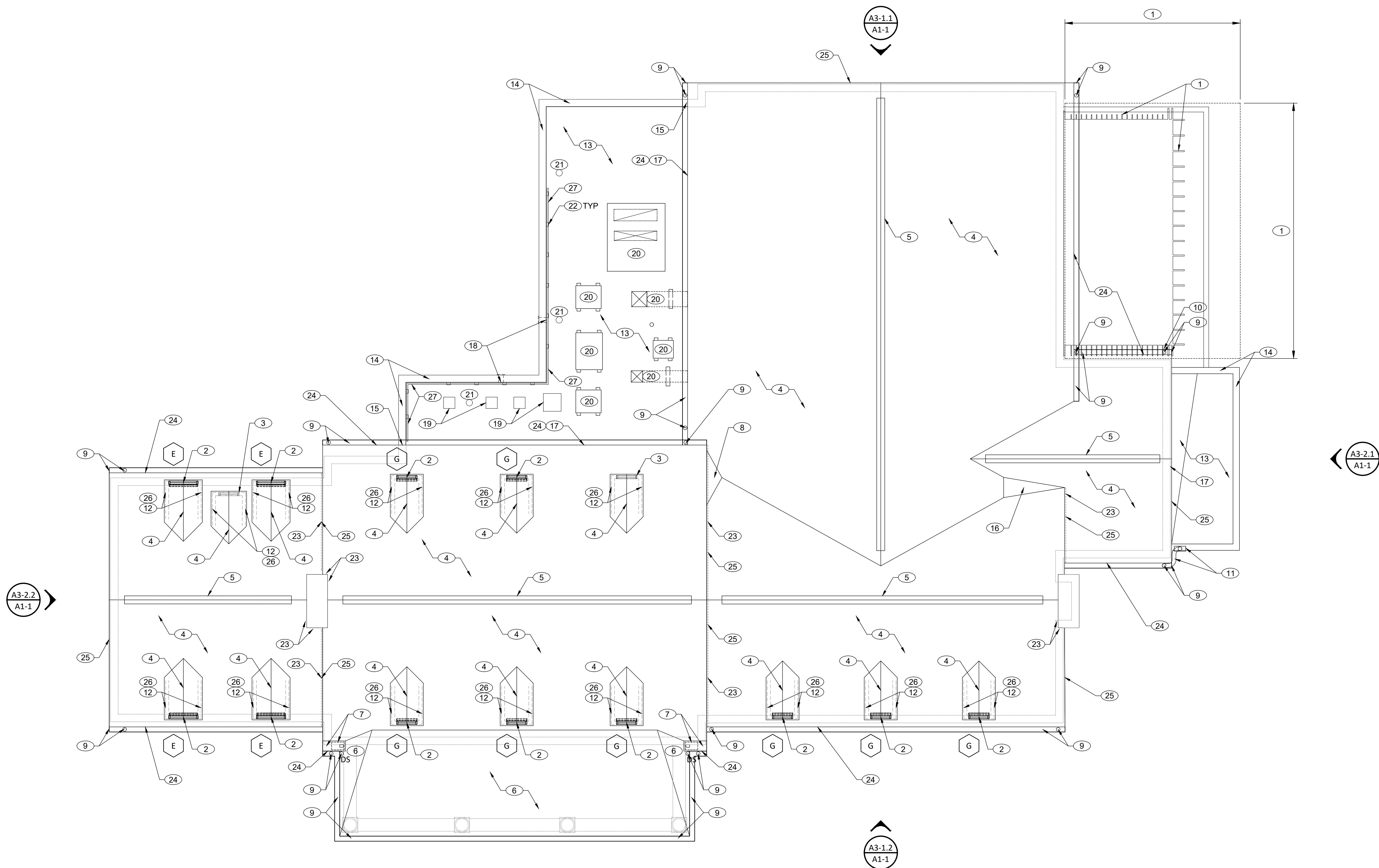


## GENERAL PLAN NOTES

- 1 SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.

## PLAN NOTES

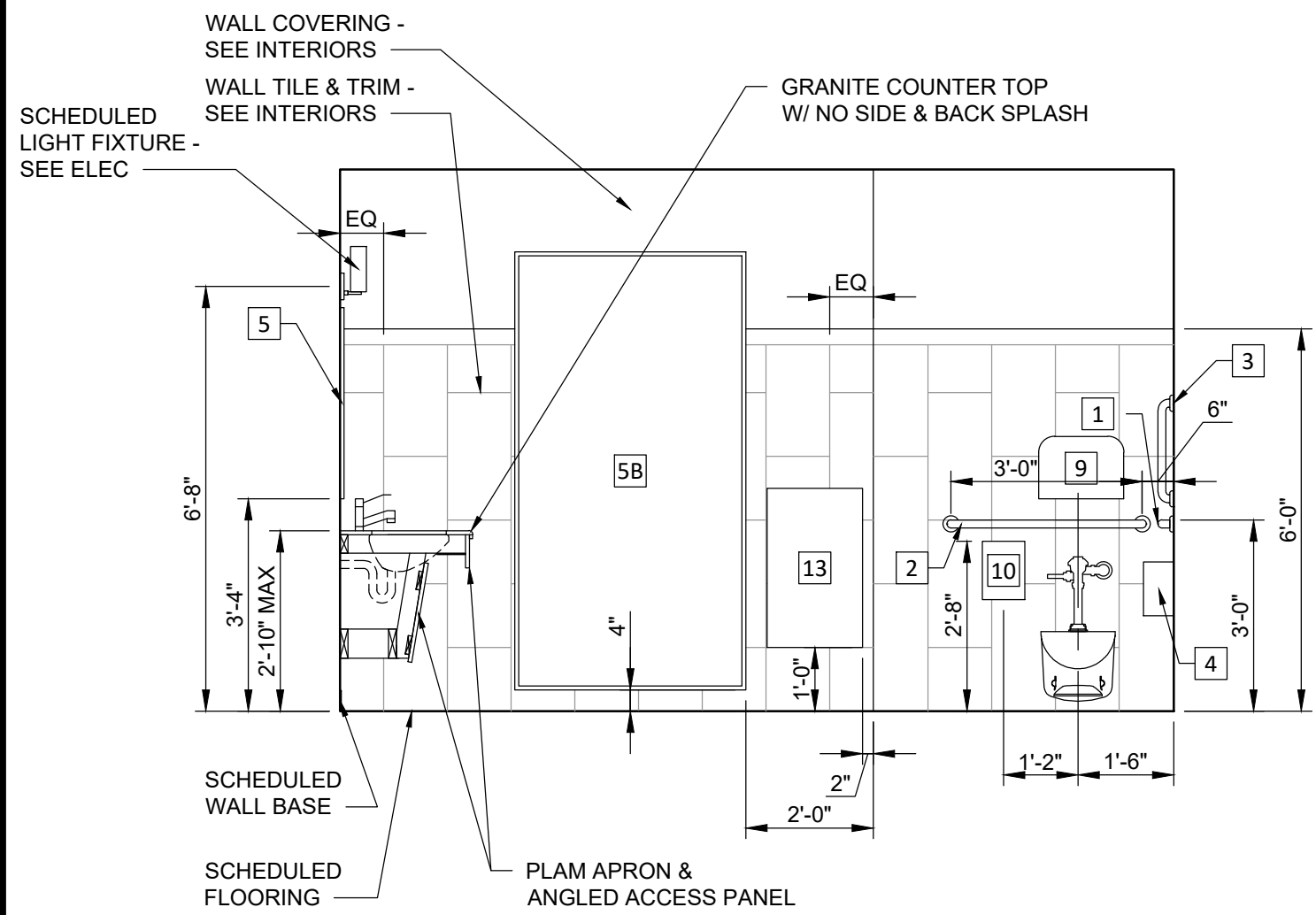
- 1 BASE BID:  
EXISTING PERGOLA TO REMAIN.  
ADDITIVE ALTERNATE NO. 1:  
PREFIN ALUMINUM PERGOLA W/ PREFIN STEEL COLUMNS, FIXED POLYCARBONATE SHADE PANELS, MOTORIZED FABRIC SHADES AT BOTTOM OF PERGOLA BEAMS, & INTEGRATED LIGHTING AT FACE OF COLUMNS AND RECESSED IN THE PERGOLA BEAM. 33'-6"W x 23'-0"D.  
2 EXTERIOR WINDOW, PREFIN ALUMINUM CLAD WOOD WINDOW, WHITE EXTERIOR COLOR, WHITE INTERIOR COLOR. SEALANT AT WINDOW PERIMETER.  
3 PAINT EXST LOUVER. INSTALL SEALANT AT LOUVER PERIMETER.  
4 PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXISTING ASPHALT SHINGLES.  
5 RIDGE VENT  
6 PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXST. COLOR: BLACK  
7 PROVIDE SHOP-FABRICATED SUMP W/ SOLDERED JOINTS TO MATCH EXST CONFIGURATION. COLOR TO MATCH METAL ROOF PANEL COLOR. NO FIELD FABRICATION. NO EXPOSED FASTENERS.  
8 SLOPED CRICKET TO MATCH EXISTING CONFIGURATION.  
9 8" HALF-ROUND GUTTER & ANCHORS SERVED BY 6" ROUND DOWNSPOUTS - ROOF DRAINAGE SYSTEM & ACCESSORIES SHALL BE PREFIN METAL WHITE COLOR. COORD DOWNSPOUT CONFIGURATION TO AVOID CONFLICT WITH NEW PERGOLA FIXED POLYCARBONATE SHADE PANELS, AS NECESSARY.  
10 PREFIN METAL CONDUCTOR HEAD & DOWNSPOUT - WHITE TO MATCH TRIM & OVERALL DRAINAGE SYSTEM. MATCH EXST DS CONFIGURATION & DRAIN INTO ADJACENT DOWNSPOUT.  
11 UTILIZE ICE & WATER SHIELD AS ROOF-TO-WALL FLASHING WHERE NEW ROOFING INSTALLATION MEETS EXISTING DORMER WALL.  
12 MEMBRANE ROOF SYSTEM.  
13 PREFIN METAL COPING W/ SHOP FABRICATED CORNERS & ENDS, COLOR WHITE.  
14 FLASHING AT COPING TERMINATION AT WALL INTERSECTION.  
15 MEMBRANE ROOF CRICKET FLASHED INTO ADJACENT ASPHALT SHINGLE SLOPED ROOF.  
16 TWO-PIECE COUNTER-FLASHING ROOF MEMBRANE TERMINATION AT ADJACENT WALL.  
17 FLASH MEMBRANE ROOF INTO EXST METAL SCUPPER ASSEMBLIES PER MEMBRANE MFG'S STANDARD SCUPPER DETAIL.  
18 FLASH NEW MEMBRANE AT EXST CURB & REINSTALL SALVAGED MECHANICAL EQUIPMENT - SEE MECH.  
19 ROOFTOP MECHANICAL EQUIPMENT, DUCTWORK ABOVE MEMBRANE ROOF, & ASSOCIATED SUPPORTS - SEE MECH.  
20 EXST ROOF DRAIN. FLASH NEW MEMBRANE AT DRAIN.  
21 EXST STEEL GUARD ATTACHED TO PARAPET WALL. FLASH NEW MEMBRANE AT THE POINTS OF CONNECTION OF THE GUARD WHERE THE MEMBRANE TURNS UP & OVER THE PARAPET WALL.  
22 TWO-PIECE COUNTER-FLASHING INSTALLED ALONG THE SLOPED ROOF AT THE SHINGLES INTERSECTION TO ADJACENT WALL. SAW CUT EXST BRICK TO INSTALL RECEIVER FLASHING.  
23 PAINTED FIBER CEMENT FASCIA, SOFFIT, & FREIZE BOARD.  
24 PAINTED ENGINEERED WOOD RAKE TRIM.  
25 PAINTED ENGINEERED WOOD SIDING & TRIM - ENTIRE DORMER.  
26 PAINT GUARD.



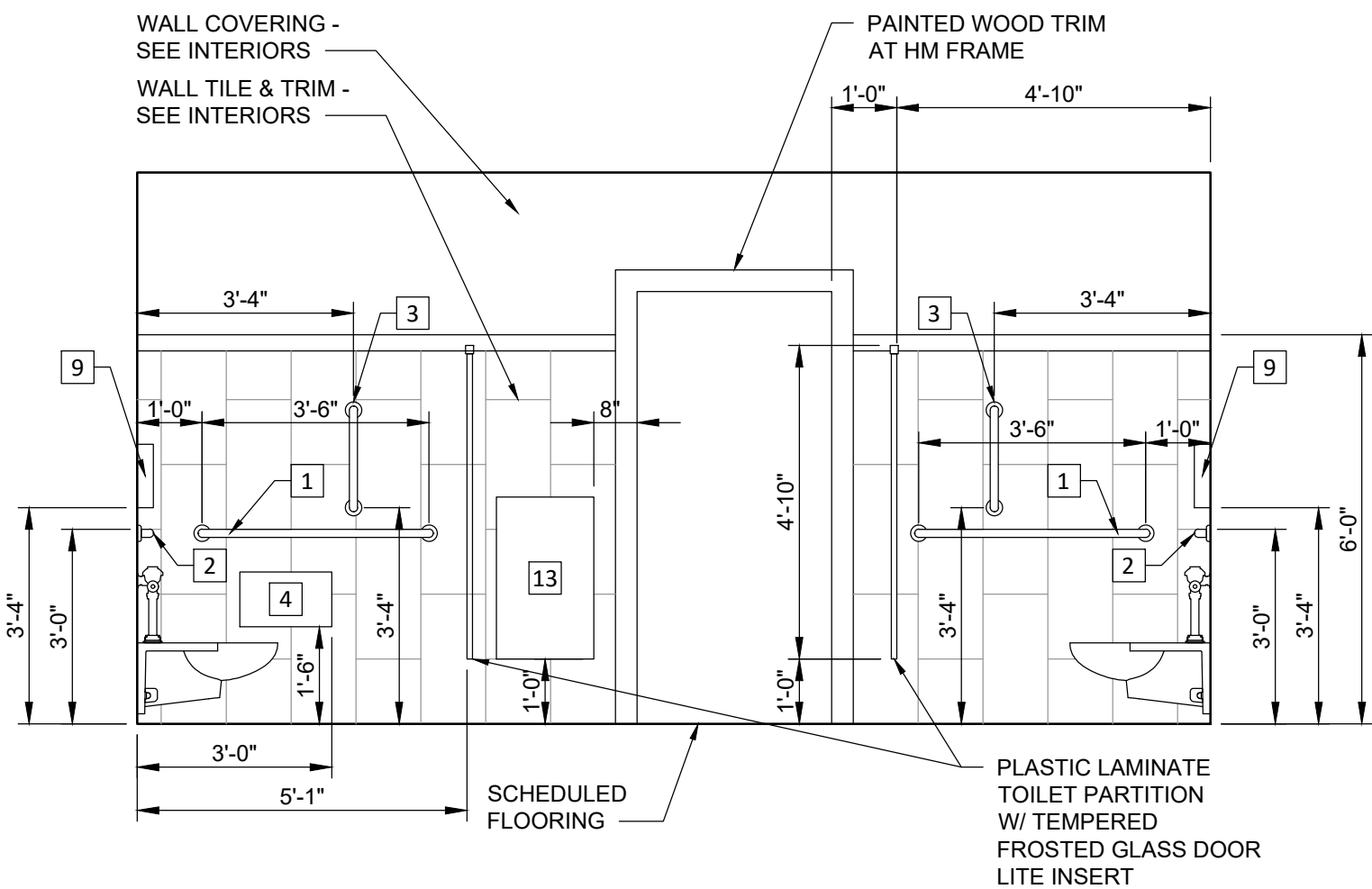
TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MANUF.	MODEL NO.	MOUNTING HT.	REMARKS
1	42" GRAB BAR	DELTA TRANSITIONAL DECORATIVE	41742-CZ	36" AFF TO TOP, MAX	CHAMPAGNE BRONZE FINISH
2	36" GRAB BAR	DELTA TRANSITIONAL DECORATIVE	41736-CZ	36" AFF TO TOP, MAX	CHAMPAGNE BRONZE FINISH
3	18" VERTICAL GRAB BAR	DELTA TRANSITIONAL DECORATIVE	41718-CZ	40" AFF TO BOTTOM	CHAMPAGNE BRONZE FINISH
4	TWIN BATH TISSUE ROLL DISP.	TORK	5555200	18" AFF TO BOTTOM, MIN	WHITE FINISH
5	VANITY MIRROR	JOSS & MAIN	SABINE METAL ROUNDED RECTANGLE WALL MIRROR	40" AFF TO BOTTOM, MAX	20" W x 36" H, BRASS FRAME FINISH
5B	FULL LENGTH MIRROR	GLOBAL VIEWS	15666	4" AFF TO BOTTOM	43.5" W x 82.5" H, GOLD FINISH
6	SOAP DISPENSER	DELTA - ESSA	RP100736CZ	MOUNTS IN COUNTER	CHAMPAGNE BRONZE FINISH
7	PAPER TOWEL DISPENSER	ULINE	H-4450V	SITS ON COUNTER	8" H x 13" W x 5" D, WHITE FINISH
8	BABY CHANGING STATION	AMERICAN SPECIALTIES, INC.	9013-9	27" AFF TO BOTTOM	37" L x 25.5" W x 21.75" D (OPEN) 4" (CLOSED)
9	TOILET SEAT COVER DISPENSER	ULINE	H-878W	40" AFF TO BOTTOM, MIN	CENTER ON TOILET ABOVE GRAB BAR, WHITE FINISH
10	SANITARY NAPKIN RECEPTACLE	HOSPECO	WBB2685329	32" AFF TO TOP, MAX	BESIDE TOILET BELOW GRAB BAR
11	TRASH CAN	ZORO	G8938307	---	---
12	FULL LENGTH MIRROR	UTTERMOST	09917 ABANU TALL MIRROR	18" AFF TO BOTTOM, MAX	22" W x 60" H, ANTIQUE GOLD FRAME FINISH
13	SEMI-ROUND TRASH CAN	ZORO GLARO	G8938352	42" AFF TO TOP, MAX	18" W x 30" H x 9" D
14	PAPER TOWEL DISPENSER	ULINE	XPRESS FULL SIZE H-1596W	42" AFF TO BOTTOM, MAX	12" W x 18" H x 4" D, WHITE FINISH
15	MIRROR	UTTERMOST	09727	36" AFF TO BOTTOM, MAX	22.125" W x 40.125" H, SILVER FINISH
16	FULL LENGTH MIRROR	UTTERMOST	09447	18" AFF TO BOTTOM, MAX	30" W x 60" H, SILVER FINISH
17	COAT HOOK	WAYFAIR	NOSTALGIC WAREHOUSE ROPE COAT HOOKS	5'-6" AFF TO TOP, MAX	SATIN NICKEL FINISH, QTY: GROUP OF 4 AT EACH LOCATION
18	COAT HOOK	WAYFAIR	NOSTALGIC WAREHOUSE CLASSIC COAT HOOKS	5'-6" AFF TO TOP, MAX	ANTIQUE PEWTER FINISH, QTY: GROUP OF 4 AT EACH LOCATION
19	FULL LENGTH MIRROR	UTTERMOST	RANAHAN 792977098196	18" AFF TO BOTTOM, MAX	42" W x 72" H x 2" D
20	SOAP DISPENSER	KOHLER	K-14380-CP	42" AFF TO TOP, MAX	2.375" W x 6.875" H x 4.375" D

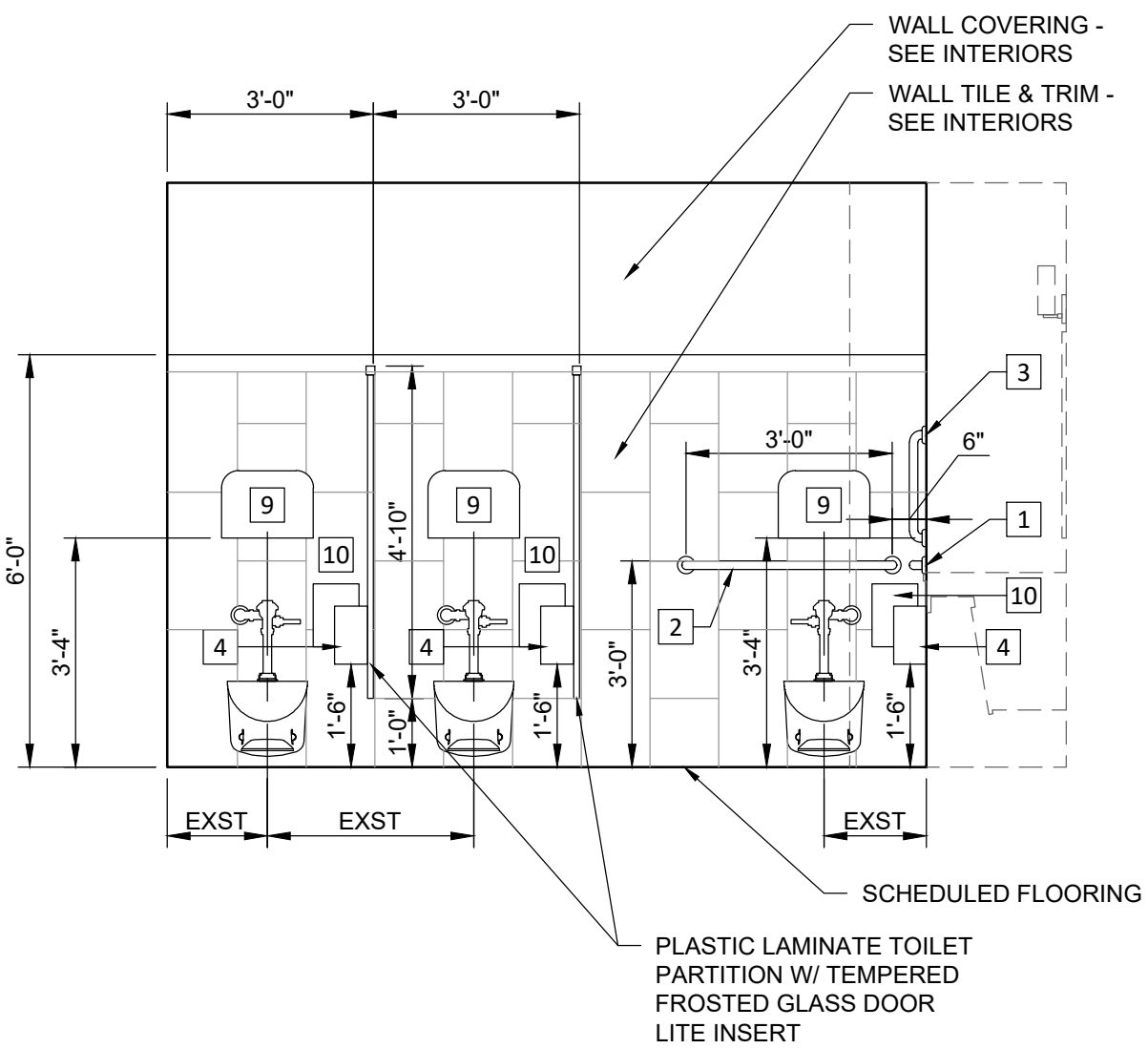
NOTE 1: ITEMS 15 THROUGH 19 ARE LOCATED IN ROOMS 212 & 207.  
NOTE 2: PROVIDE BLOCKING IN WALLS AT TOILET ACCESSORY LOCATIONS. SEE INTERIOR ELEVATIONS FOR LOCATIONS & ADDITIONAL MOUNTING HEIGHT INFORMATION.  
NOTE 3: REMOVE & REPLACE GWB AS NECESSARY. REPAIR EXST GWB TO MATCH EXISTING FINISH WHERE REMOVAL IS NECESSARY FOR BLOCKING INSTALLATION.  
NOTE 3: SEE INTERIOR SHEETS FOR FINISH INFORMATION.



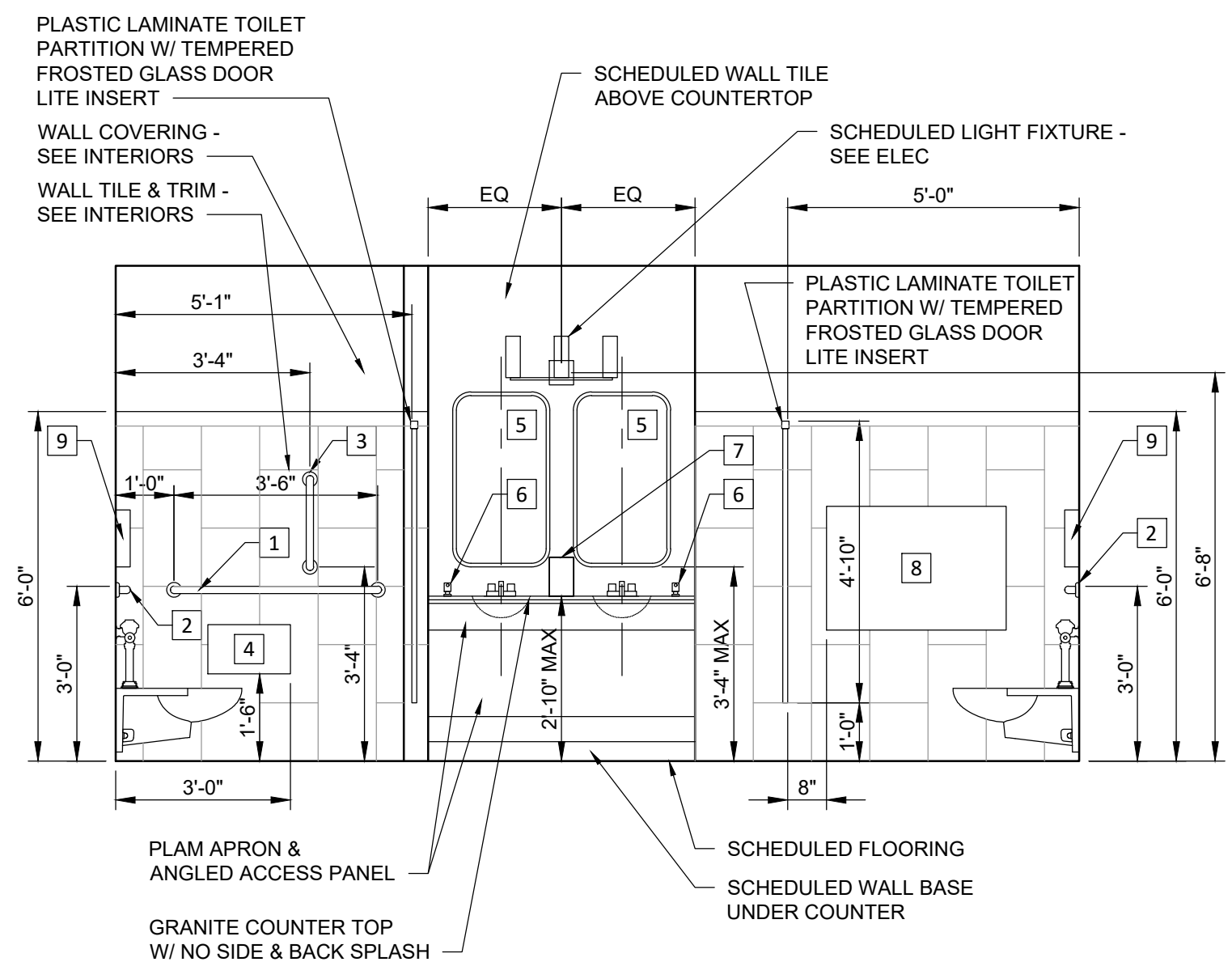
A1-4.1  
A1-4  
WOMEN 103  
SCALE: 3/8" = 1'-0"



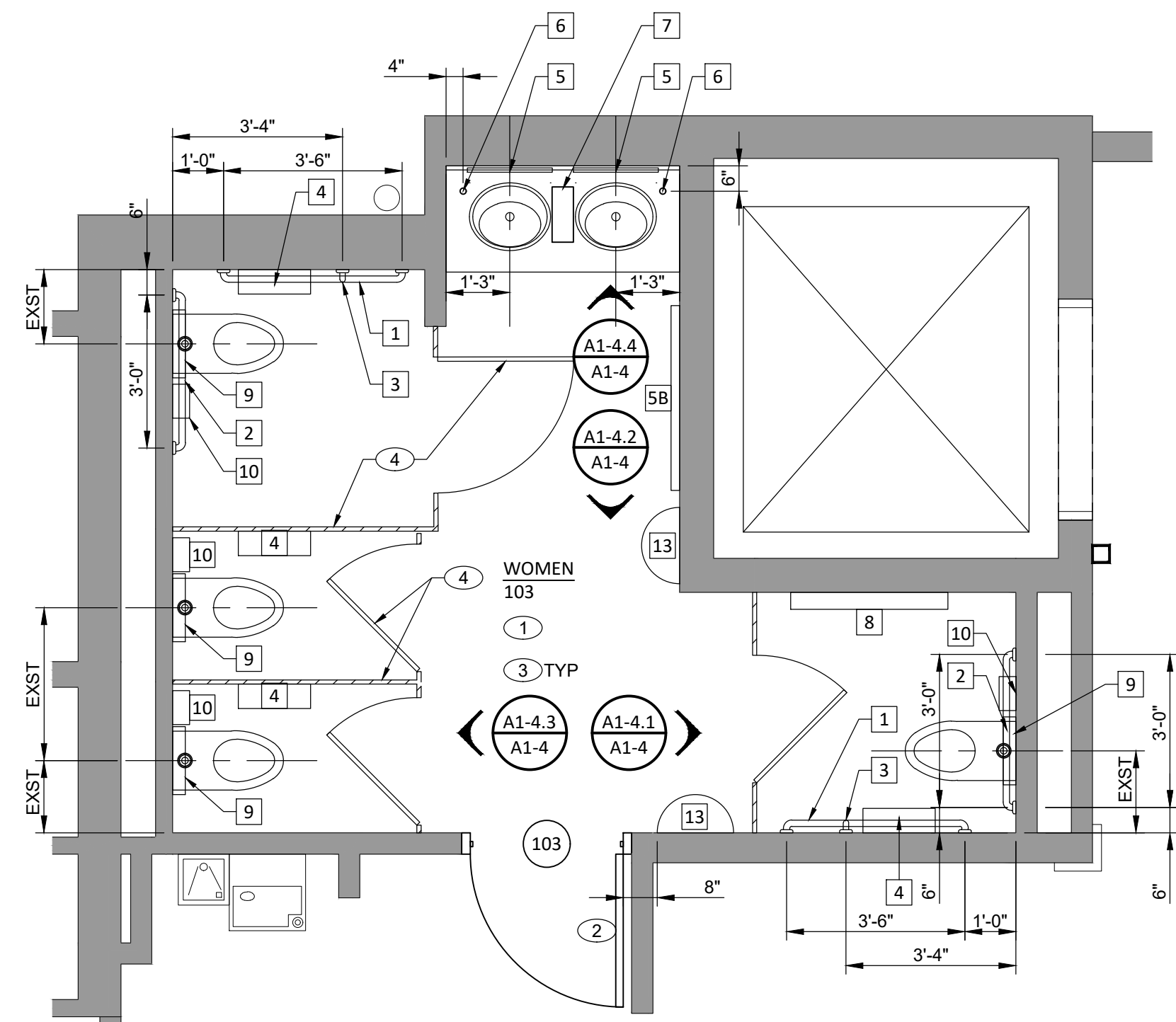
A1-4.2  
A1-4  
WOMEN 103  
SCALE: 3/8" = 1'-0"



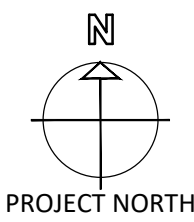
A1-4.3  
A1-4  
WOMEN 103  
SCALE: 3/8" = 1'-0"



A1-4.4  
A1-4  
WOMEN 103  
SCALE: 3/8" = 1'-0"



A1-4.5  
A1-1  
WOMEN 103  
SCALE: 3/8" = 1'-0"



DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

HUGHES  
ASSOCIATES  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
THE VINTON WAR MEMORIAL  
814 E. Washington Ave Vinton, VA 24119

DRAWN BY: ASE  
CHECKED BY: ASE

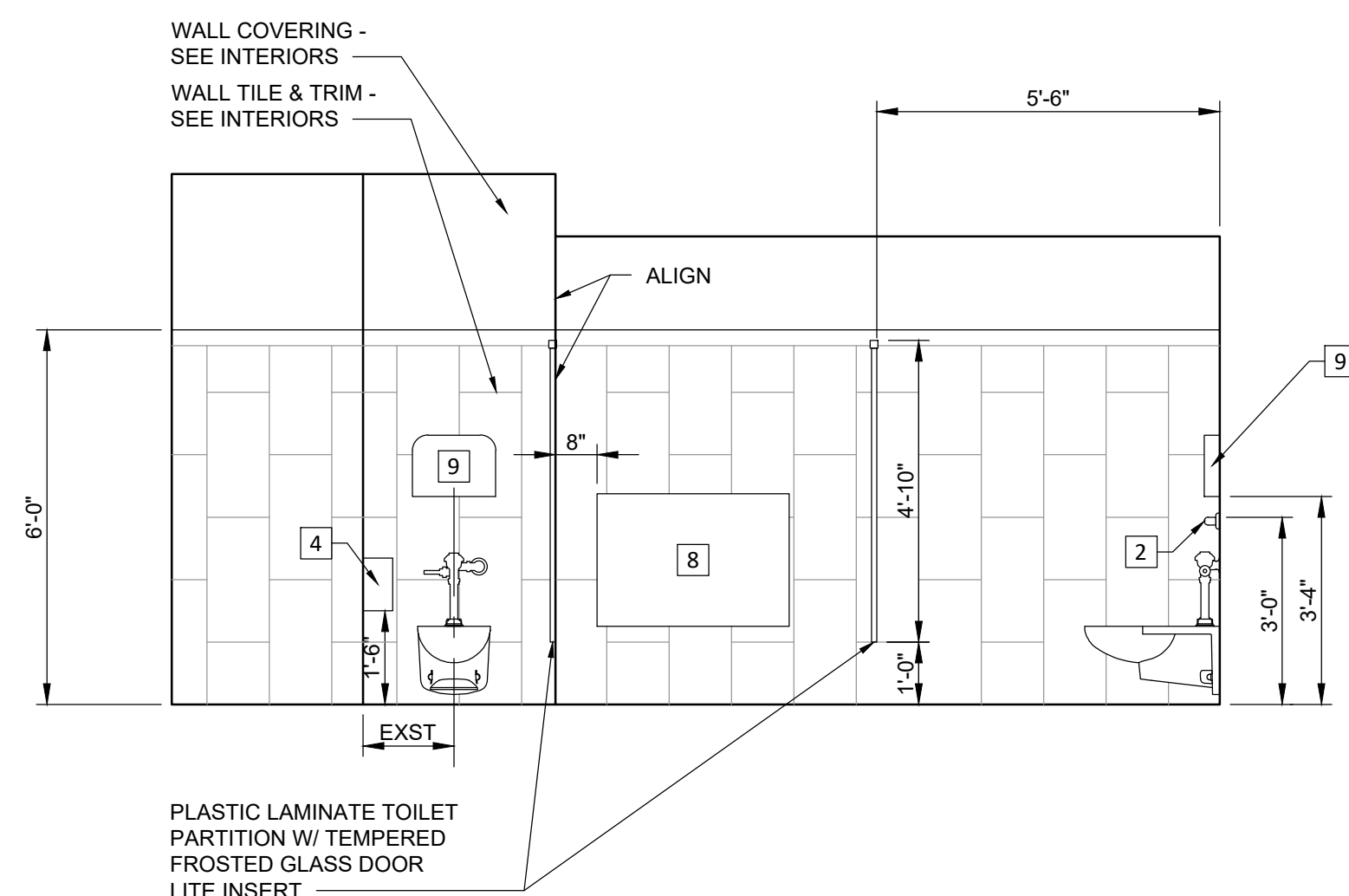
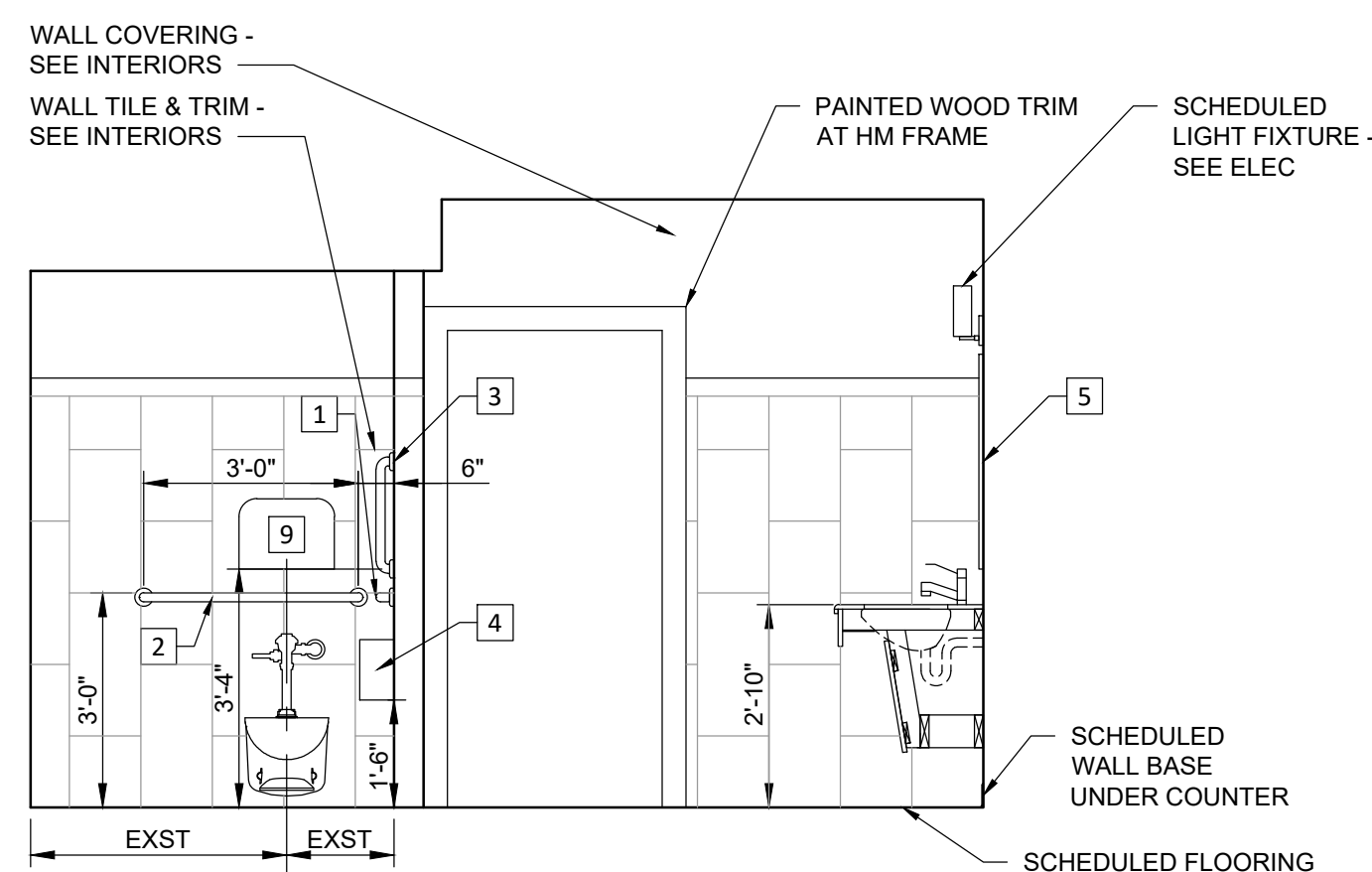
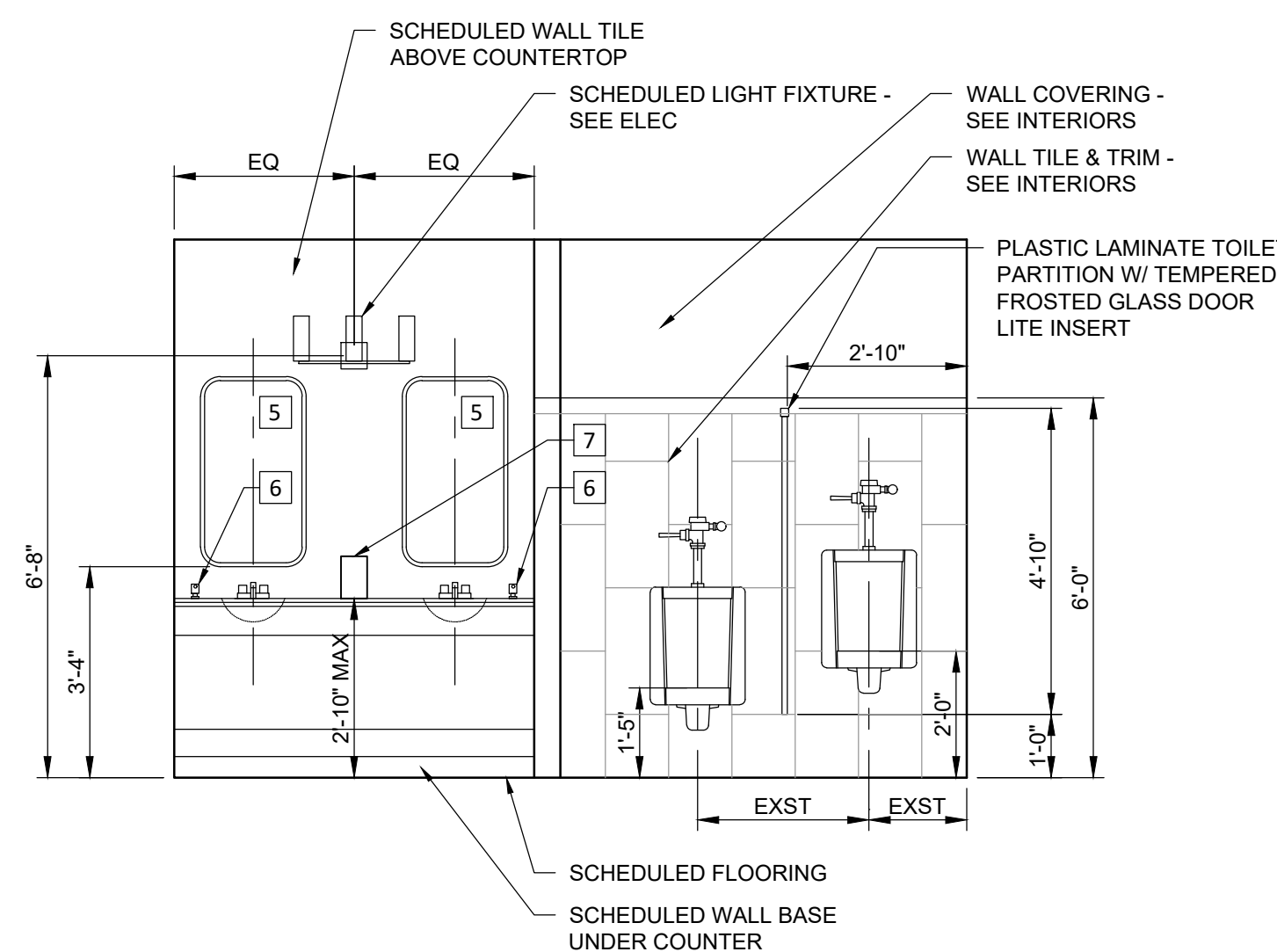
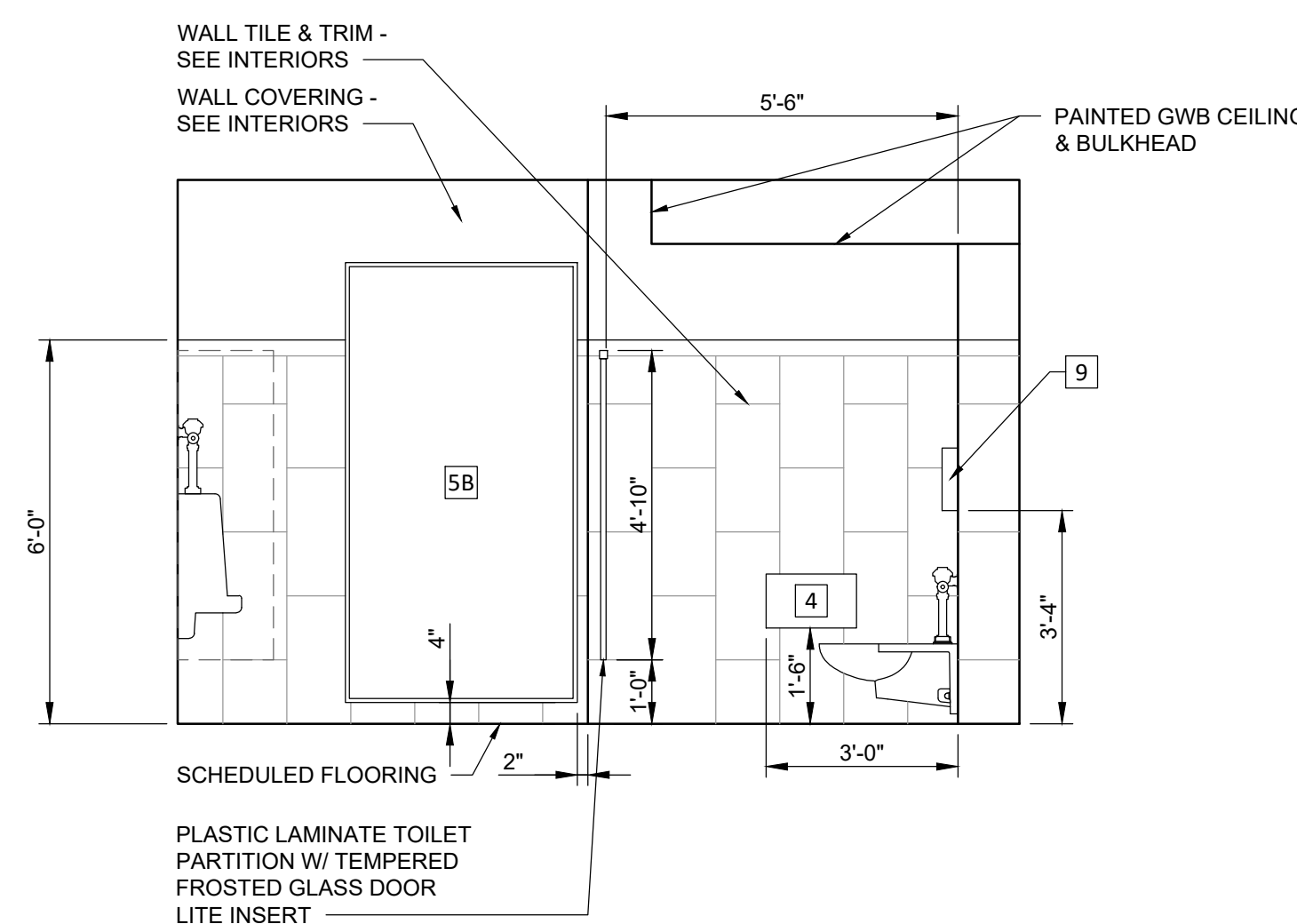
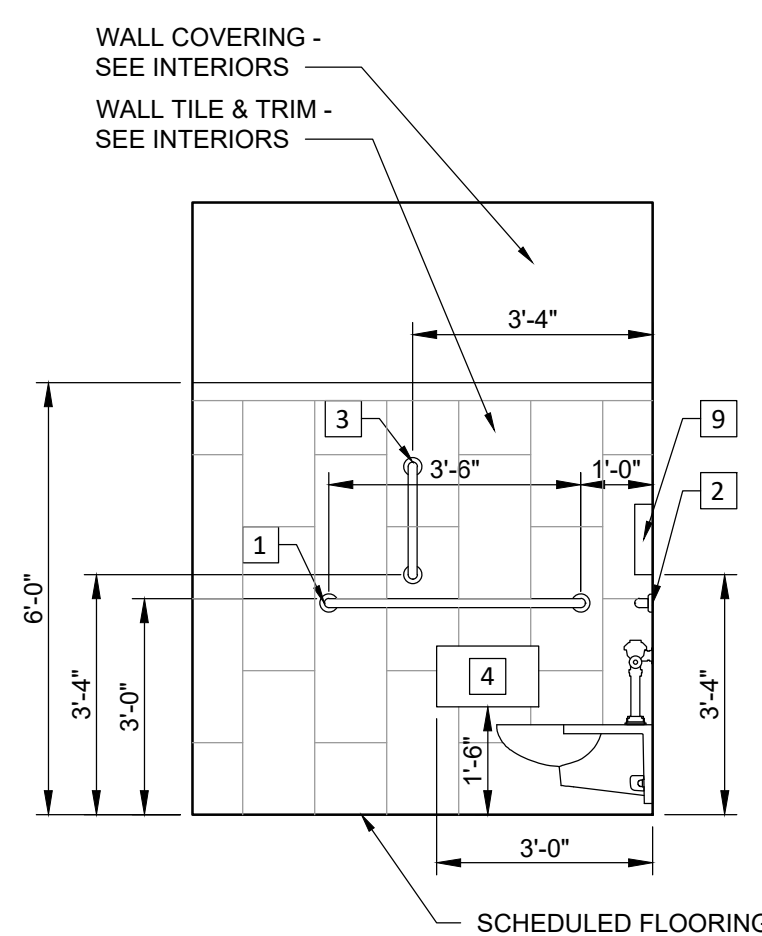
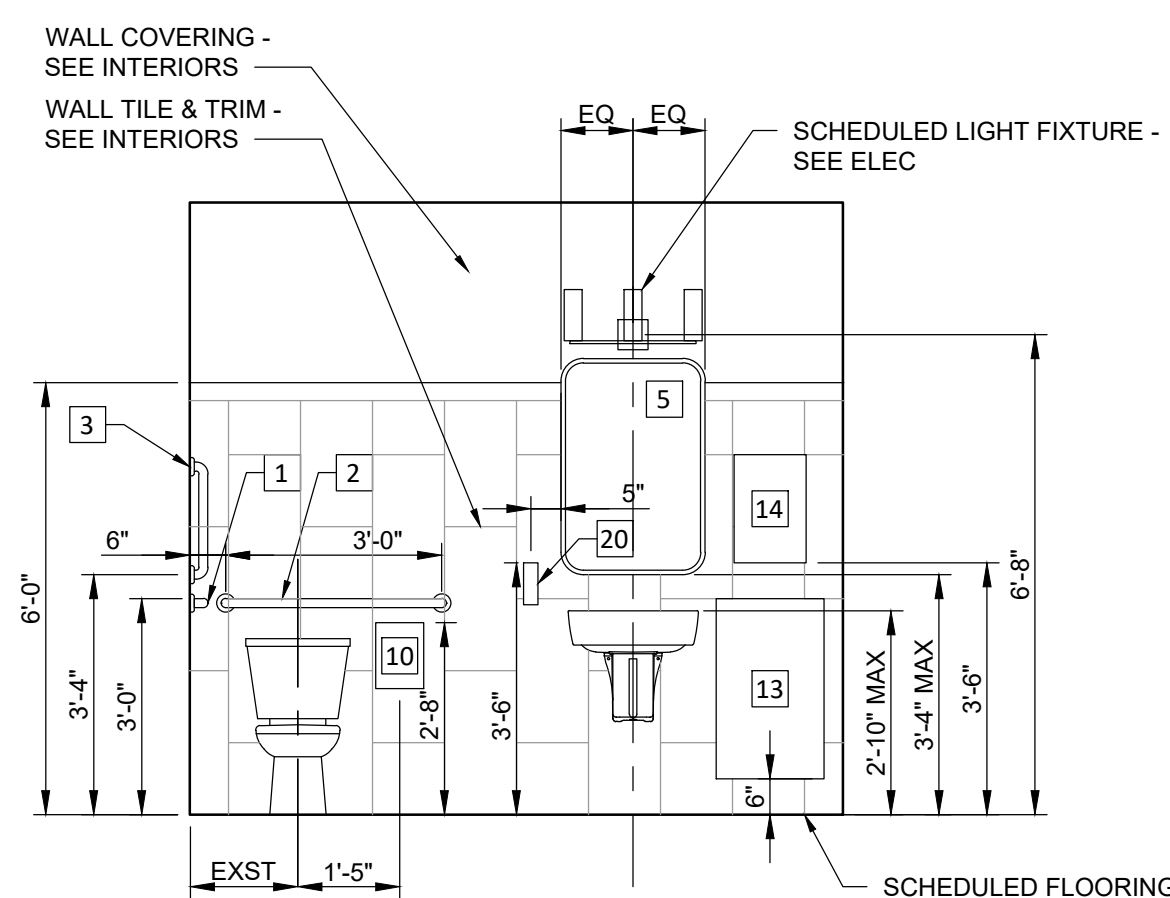
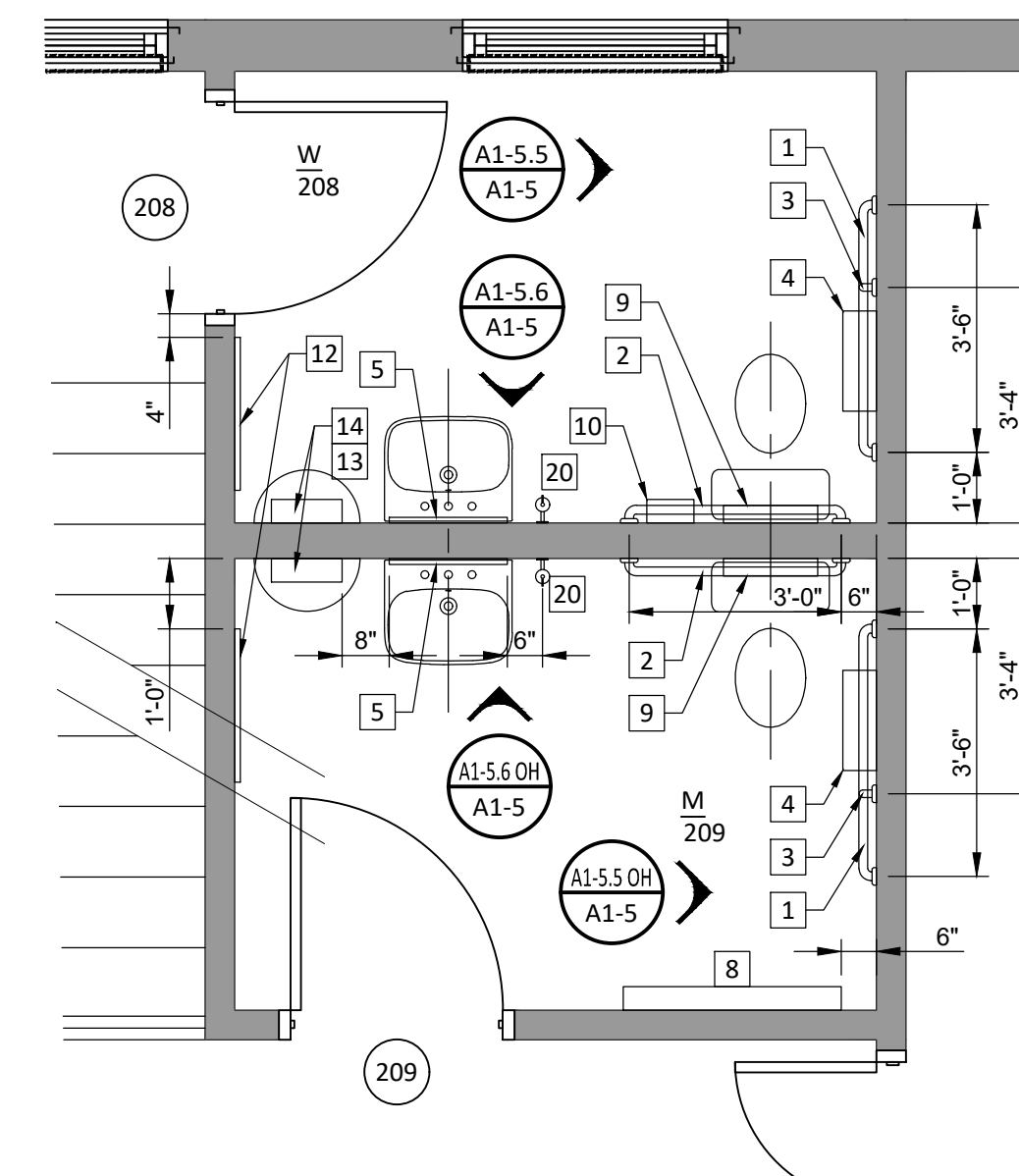
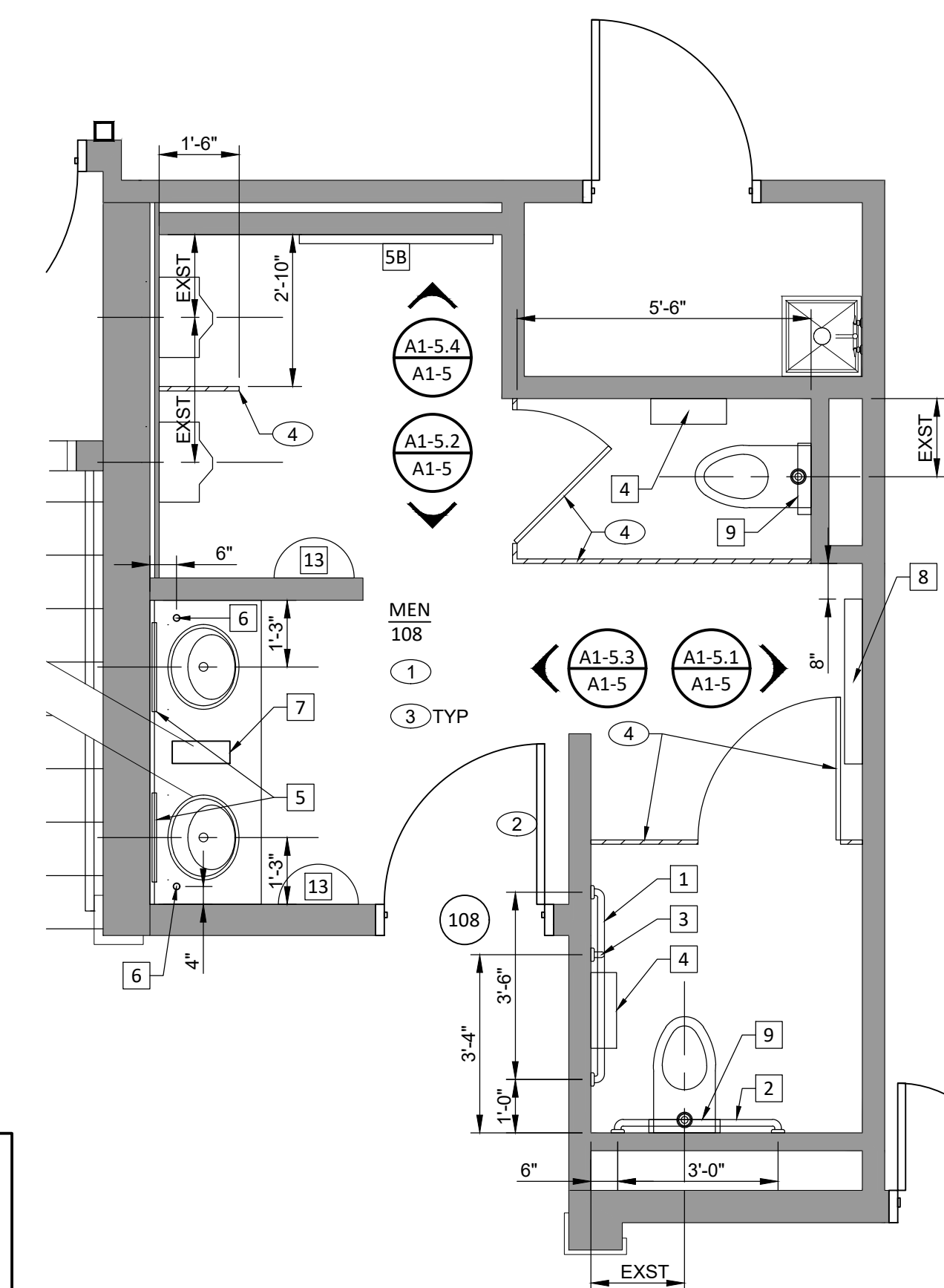
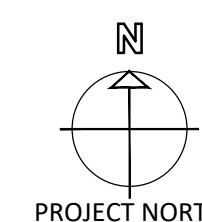
ENLARGED  
PLANS &  
INTERIOR  
ELEVATIONS



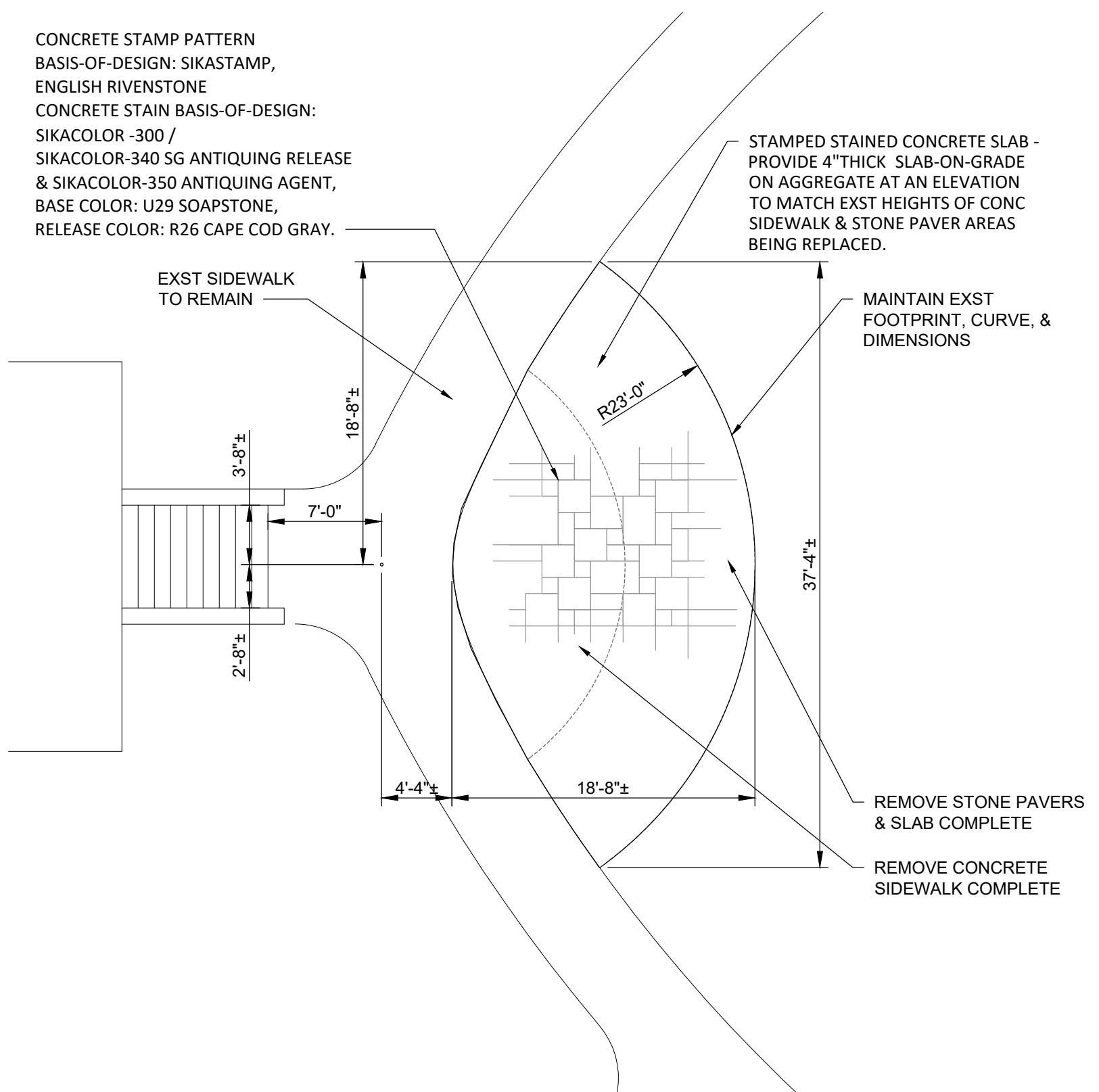
COMMISSION No.  
24058.001  
SHEET  
A1-4

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

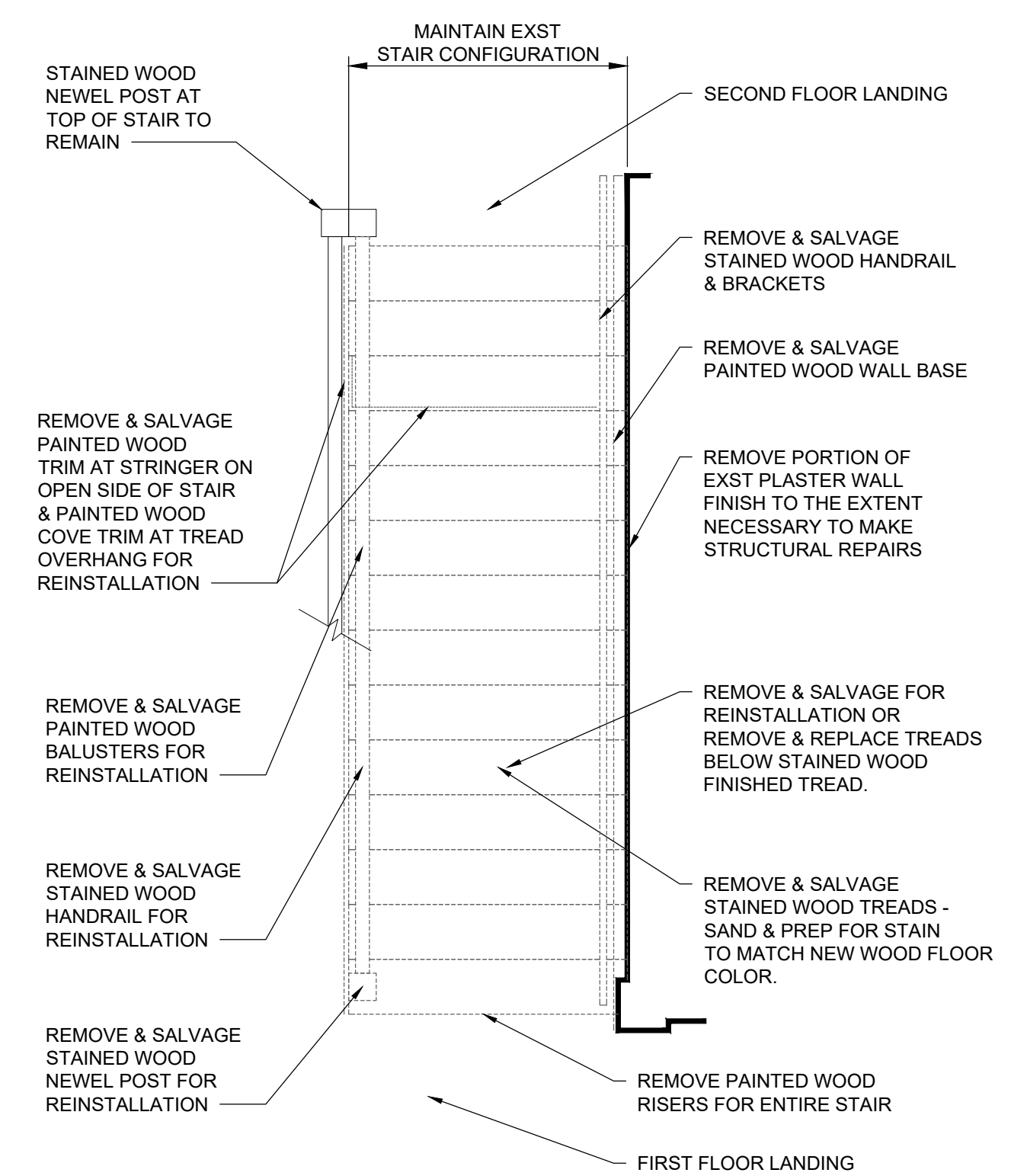


**MEN 108**  
A1-5.1  
A1-5  
SCALE: 3/8" = 1'-0"**MEN 108**  
A1-5.2  
A1-5  
SCALE: 3/8" = 1'-0"**MEN 108**  
A1-5.3  
A1-5  
SCALE: 3/8" = 1'-0"**MEN 108**  
A1-5.4  
A1-5  
SCALE: 3/8" = 1'-0"**WOMEN 208**  
A1-5.5  
A1-5  
SCALE: 3/8" = 1'-0"**WOMEN 208**  
A1-5.6  
A1-5  
SCALE: 3/8" = 1'-0"**W 208 | M 209**  
A1-5.7  
A1-2  
SCALE: 3/8" = 1'-0"**MEN 108**  
A1-5.8  
A1-1  
SCALE: 3/8" = 1'-0"**PLAN NOTES**

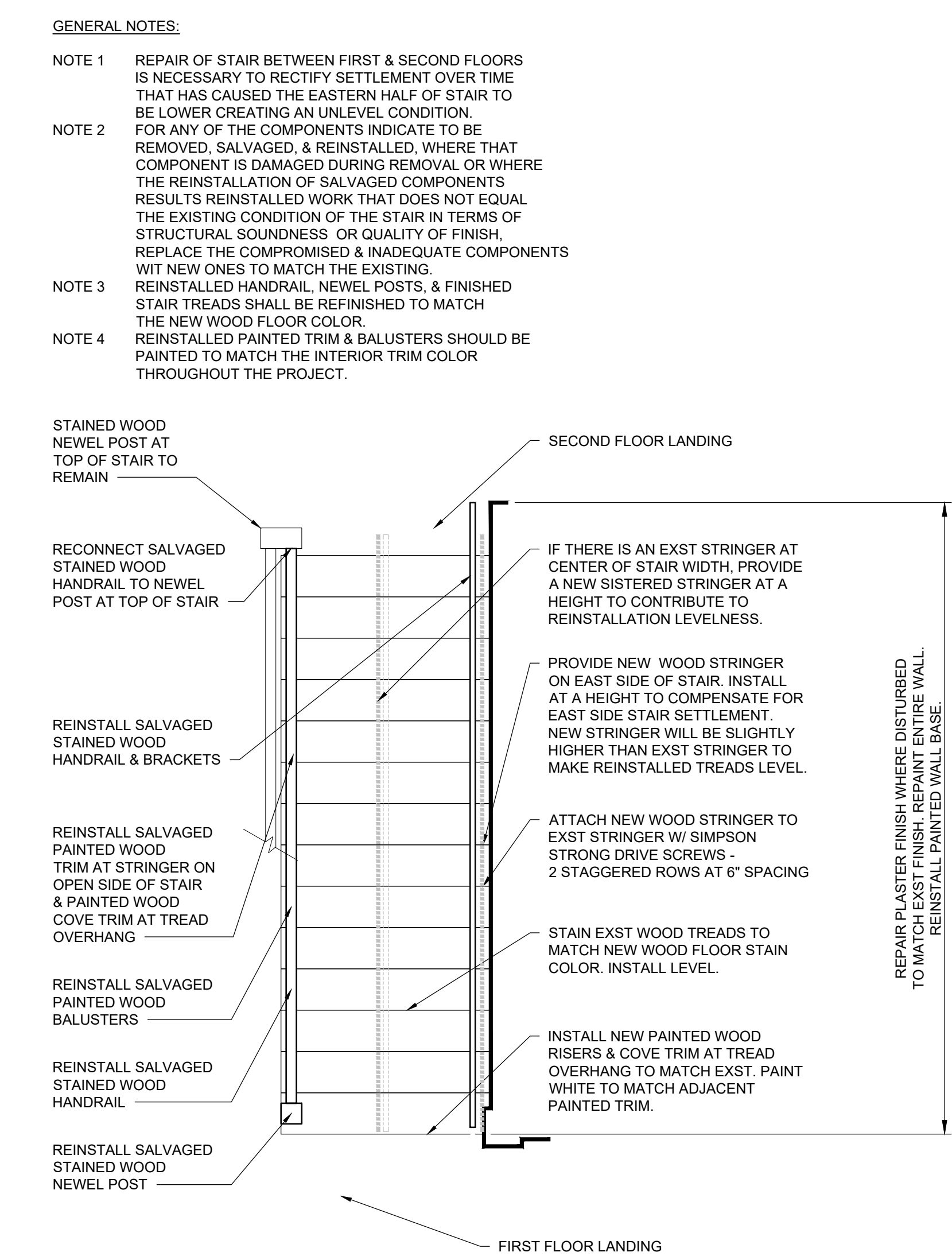
- SEE INTERIORS SHEETS FOR FINISHES.
- PAINT NEW WOOD DOOR, HM FRAME, & WOOD DOOR TRIM.
- AT DEVICES TO BE INSTALLED RECESSED IN EXST WALLS & FOR WALL-MOUNTED ACCESSORIES THAT REQUIRE BLOCKING, REMOVE NECESSARY PORTION OF EXST WALL FINISH FOR INSTALLATION OF NEW WORK. REPAIR EXST WALL FINISH TO MATCH THE EXISTING LEVEL OF FINISH. PAINT ENTIRE WALL.
- PLASTIC LAMINATE TOILET PARTITION W/ TEMPERED FROSTED GLASS DOOR LITE INSERT.



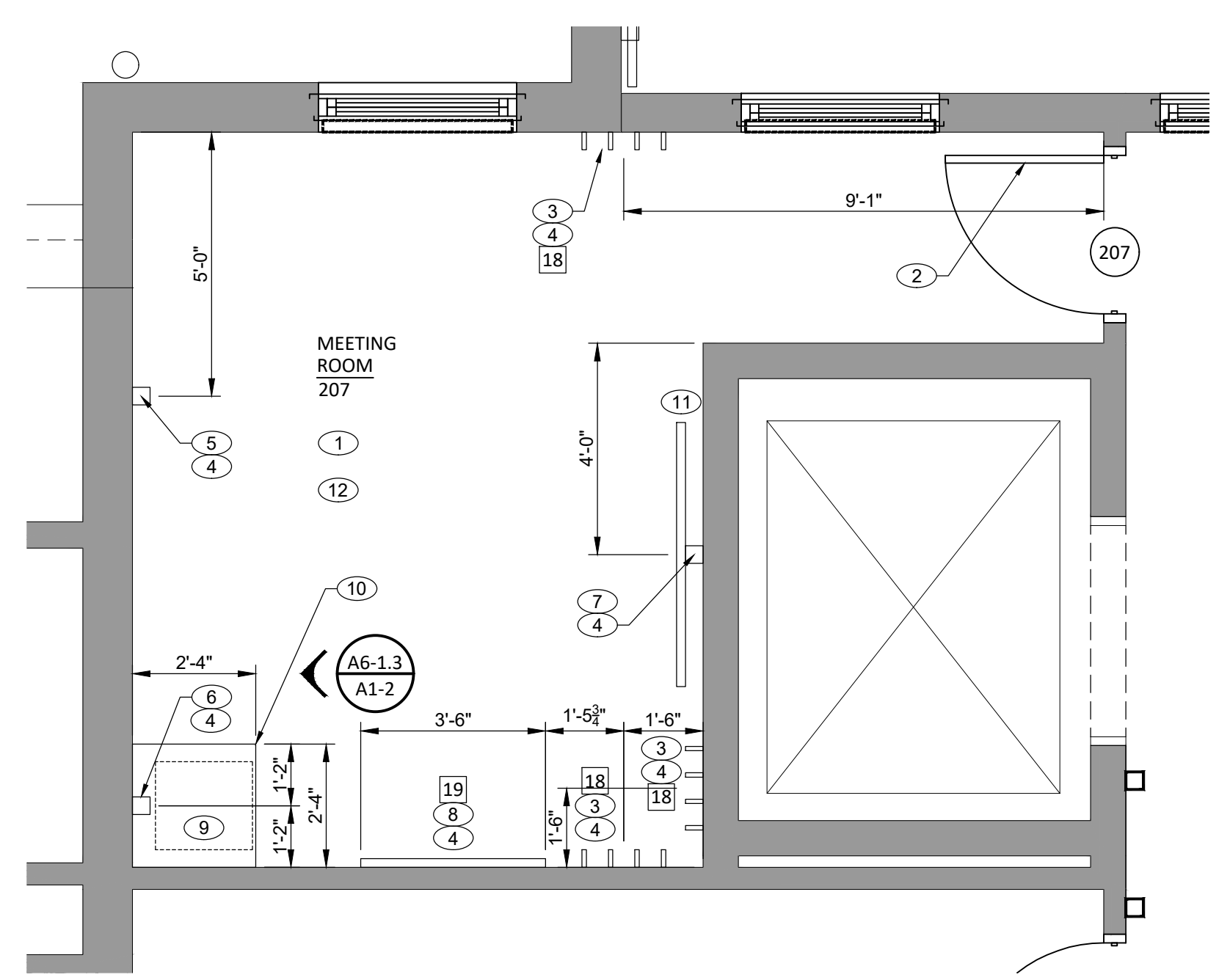
A1-6.5  
A1-1  
**STAMPED CONCRETE SITE FEATURE**  
SCALE: 1/8" = 1'-0"



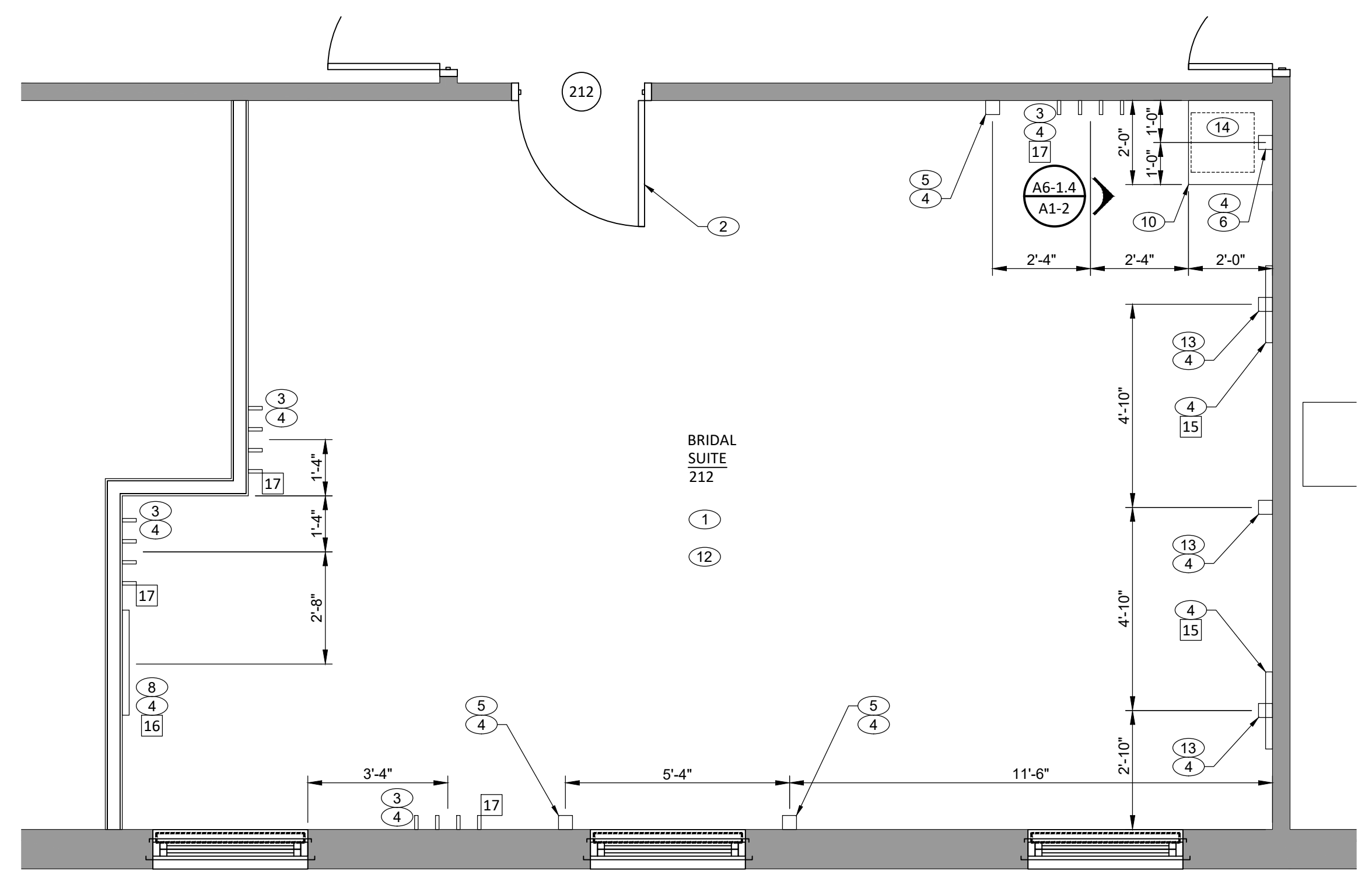
A1-6.4  
A1-1  
**STAIR REPAIR - DEMO**  
SCALE: 3/8" = 1'-0"



A1-6.3  
A1-1  
**STAIR REPAIR - PLAN**  
SCALE: 3/8" = 1'-0"



A1-6.1  
A1-2  
**MEETING ROOM 207 (GROOM)**  
SCALE: 3/8" = 1'-0"



A1-6.2  
A1-2  
**BRIDAL SUITE 212**  
SCALE: 3/8" = 1'-0"

- PLAN NOTES**
- 1 PAINT ENTIRE ROOM - ALL WALLS & ALL TRIM, COMPLETE.
  - 2 PAINT NEW WOOD DOOR, HM FRAME, & WOOD DOOR TRIM.
  - 3 ROBE HOOK LOCATION. SEE INTERIORS FOR SPECIFIED PRODUCT & MOUNTING HEIGHT.
  - 4 AT DEVICES TO BE INSTALLED RECESSED IN EXST WALLS & FOR WALL-MOUNTED ACCESSORIES THAT REQUIRE BLOCKING, REMOVE NECESSARY PORTION OF EXST WALL FINISH FOR INSTALLATION OF NEW WORK. REPAIR EXST WALL FINISH TO MATCH THE EXISTING LEVEL OF FINISH. PAINT ENTIRE WALL.
  - 5 NEW RECESSED LOCATION FOR POWER TO SUPPORT FURNITURE LAYOUT. SEE INTERIORS & ELEC.
  - 6 NEW RECESSED POWER FOR OWNER'S EXST MINI-FRIDGE. CENTER ON NEW CASEWORK WIDTH. SEE ELEC.
  - 7 NEW RECESSED POWER & DATA AT 60" AFF FOR WALL-MOUNTED TV LOCATION. SEE ELEC.
  - 8 WALL-MOUNTED FULL-HEIGHT MIRROR LOCATION. SEE INTERIORS FOR SPECIFIED PRODUCT & MOUNTING HEIGHT.
  - 9 OWNER'S EXST MINI-FRIDGE. 20"W x 22"D x 33"H.
  - 10 STAINED WOOD CASEWORK W/ OPEN FRONT FOR MINI-FRIDGE ACCESS & VENTILATION. GRANITE COUNTERTOP, BACK, & SIDE SPLASHES.
  - 11 WALL-MOUNTED TV BY OWNER - NIC.
  - 12 EXST FLOORING & WALL BASE TO REMAIN.
  - 13 NEW RECESSED POWER AT STYLING STATIONS AT 42" AFF.
  - 14 NEW MINI-FRIDGE, 16.9"W x 17.7"D x 29.1"H - NIC.

DATE: SEPT 5, 2025

REVISIONS

△	
△	
△	
△	
△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**ENLARGED PLANS**

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN EMMONS  
Lic. No. 014051  
ARCHITECT

COMMISSION No.  
24058.001  
SHEET  
**A1-6**

Drawing File: E:\2024\24058.001 - Vinton War Memorial - Redesign\05.0 Drawings\02 AutoCAD\Architectural\24058.001 A2-1 Schedules.dwg 9/7/2025 3:13 PM

DOOR SCHEDULE

MARK	DOOR								FRAME				FIRE RATING	T'HOLD	HDW	REMARKS
	SIZE			MATERIAL	TYPE	FINISH	GLASS	ACCESS CONTROL	TYPE	MATERIAL	DETAIL					
	WIDTH	HEIGHT	THICK								J.	H.				
B01	PR 3'-0"	6'-8"	1-3/4"	HM	F	PAINT	-	Y	F-2	HM	7	8	-	T-1	13	NOTES 2 & 5.
B04	EXST	EXST	EXST	EXST	EXST	EXST	-	-	EXST	HM	EXST	EXST	-	EXST	EXST	REPAIR - SEE NOTE 3.
B07	3'-0"	6'-8"	1-3/4"	HM	F	PAINT	-	Y	F-1	HM	5	6	-	T-1	12	NOTES 2 & 5.
B10	EXST	EXST	EXST	EXST	EXST	EXST	-	Y	EXST	HM	EXST	EXST	-	EXST	3	NOTE 4.
100	EXST	EXST	EXST	WD	EXST	PAINT	EXST	Y	EXST	WD	EXST	EXST	-	EXST	EXST	NOTES 2 & 7.
101	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-4	2	NOTE 8.
101A	-	-	-	-	-	PAINT	-	-	-	WD	EXST	EXST	-	-	-	
102	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	
102A	PR 3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	-	10	
102B	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-4	1	
103	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-3	5	
104	3'-4"	6'-8"	1-3/4"	WD	6P	PAINT	-	Y	F-1	HM	1	2	-	T-1	1	
105	3'-4"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-4	1	
106	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-4	2	
107	PR 1'-6"	6'-8"	1-3/4"	WD	3P	PAINT	-	-	F-2	WD	1	2	-	-	10	
107A	-	-	-	-	-	PAINT	-	-	-	WD	EXST	EXST	-	-	-	NOTE 8.
108	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-3	5	
109	PR 3'-0"/1'-6"	6'-8"	1-3/4"	WD	FG	PAINT	G-1	-	F-2	HM	1	2	-	T-2	11	
109A	PR 3'-0"/1'-6"	6'-8"	1-3/4"	WD	FG	PAINT	G-1	-	F-2	HM	1	2	-	T-2	11	
110	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	2	NOTE 12.
111	PR 3'-0"	6'-8"	1-3/4"	HM	FG	PAINT	IG-1	Y	F-2	HM	9	10	-	T-1	14	
112	PR 3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	T-2	16	
112A	PR 3'-0"	6'-8"	1-3/4"	HM	FG	PAINT	IG-1	-	F-2	HM	9	10	-	T-1	15	
112B	PR 3'-0"	6'-8"	1-3/4"	HM	FG	PAINT	IG-1	-	F-2	HM	9	10	-	T-1	15	
113	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	Y	F-1	HM	1	2	-	T-2	3	NOTE 12.
113A	PR 3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	T-2	4	NOTE 12.
114	PR 3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	T-2	9	NOTE 11.
114A	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-2	8	NOTE 11.
114B	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-2	8	NOTE 11.
114C	PR 2'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	T-4	9	NOTE 11.
115	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	2	
116	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-2	8	NOTES 11 & 12.
116A	3'-4"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1 SIM	2 SIM	-	T-1	1	NOTE 10.
116B	3'-0"	6'-8"	1-3/4"	HM	HG	PAINT	IG-1	Y	F-1	HM	9	10	-	T-1	12	
117	PR 3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	T-2	4	NOTE 12.

DOOR SCHEDULE

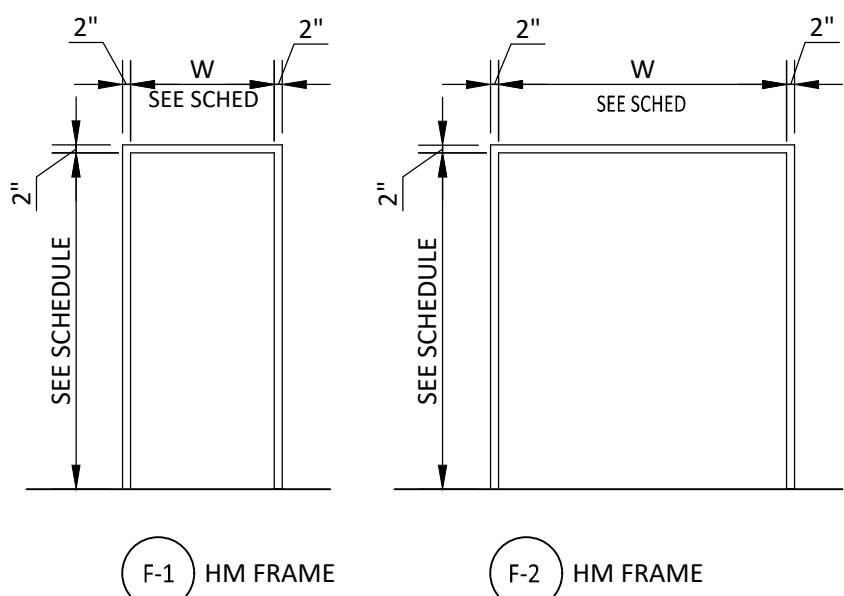
MARK	DOOR								FRAME				FIRE RATING	T'HOLD	HDW	REMARKS
	SIZE			MATERIAL	TYPE	FINISH	GLASS	ACCESS CONTROL	TYPE	MATERIAL	DETAIL					
	WIDTH	HEIGHT	THICK								J.	H.				
200	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	3	4	-	T-4	1	
201	2'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-4	2	
202	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	3	4	-	T-4	1	
203	3'-0"	6'-8"	1-3/4"	HM	6P	PAINT	-	-	F-1	HM	11	12	-	T-1	17	NOTE 2.
203A	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	3	4	-	T-4	6	
204	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	3	4	-	T-4	1	
205	-	-	-	-	-	PAINT	-	-	-	WD	EXST	EXST	-	-	-	NOTE 8.
205A	2'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	
206	2'-8"	6'-8"	1-3/4"	WD	6P	PAINT	-	Y	F-1	HM	1	2	-	-	18	
207	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	
208	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-3	7	
209	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	T-3	7	
211	PR 2'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-2	HM	1	2	-	-	4	
212	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	
213	3'-0"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1 SIM	2 SIM	-	T-4	1	NOTE 9.
213A	2'-6"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	
214	2'-6"	6'-8"	1-3/4"	WD	6P	PAINT	-	-	F-1	HM	1	2	-	-	1	

NOTES:

- NOTE 1: PAINT INTERIOR DOORS, HM FRAMES, & WOOD TRIM WITH SCUFF & CHIP RESISTANT PAINT. BASIS-OF-DESIGN: BENJAMIN MOORE, SCUFF-X, INTERIOR LATEX, SEMI-GLOSS, N487 PAINT.
- NOTE 2: AT EXTERIOR HM DOORS, PAINT INTERIOR FACES OF HM DOOR, HM FRAMES, & WOOD TRIM WITH SCUFF & CHIP RESISTANT PAINT. BASIS-OF-DESIGN: BENJAMIN MOORE, SCUFF-X, INTERIOR LATEX, SEMI-GLOSS, N487 PAINT. PAINT EXTERIOR FACES PER EXTERIOR PAINT SPECIFICATION.
- NOTE 3: REPAIR LATCH SIDE OF EXST HM FRAME TO SECURELY ANCHOR JAMB OF FRAME TO EXST MASONRY WALL. ENSURE THAT FRAME IS PLUMB.
- NOTE 4: REMOVE EXST STRIKE. PROVIDE SHALLOW ELECTRIC STRIKE TO UTILIZE EXST HM FRAME'S STANDARD FRAME PREP. EXST STOREROOM FUNCTION LEVER LOCK TO REMAIN.
- NOTE 5: FOR EXTERIOR SWINGING HM DOORS, REQUIRED ENTRANCE U-VALUE = 0.63 PER 2021 VECC TABLE C402.4.
- NOTE 6: FOR EXTERIOR SWINGING HM DOORS W/ GLAZING, REQUIRED SHGC = 0.33 (OPERABLE, PF < 0.2) PER 2021 VECC TABLE C402.4.
- NOTE 7: AT EXST WOOD DOOR & WOOD FRAME, REMOVE EXST STRIKE. PROVIDE SHALLOW ELECTRIC STRIKE IN EXST WOOD FRAME.
- NOTE 8: REPLACE EXST WOOD DOOR FRAME CASING TRIM WITH NEW PAINTED WOOD CASING TRIM PROFILE.
- NOTE 9: AT NEW DOOR LOCATION IN EXST WOOD FRAMED WALL, REMOVE PORTION OF EXST WALL FINISH TO INSTALL NEW WOOD FRAMING FOR NEW DOOR FRAME INSTALLATION. REPLACE DISTURBED PORTION OF WALL FINISH TO MATCH EXST.
- NOTE 10: OMIT PAINTED WOOD DOOR TIM AT THIS LOCATION.
- NOTE 11: PROVIDE NEW HM DOOR FRAME WITH NO RABBIT TO ACCOMMODATE DOUBLE-ACTING DOOR SWING.
- NOTE 12: PROVIDE PAINTED WOOD DOOR TRIM ON PUBLIC-FACING SIDE OF FRAME. OMIT TRIM ON THE STORAGE ROOM, PANEL ROOM, & KITCHEN SIDE OF FRAME.
- NOTE 13: FOR HEAD & JAMB DETAILS, SEE DOOR DETAILS A2-3.4.
- NOTE 14: T-1: PROVIDE ZERO, SADDLE THRESHOLD, 545. AT UNLEVEL CONDITIONS, PROVIDE ZERO, OFFSET THRESHOLD, 102.
- NOTE 15: T-2: PROVIDE ZERO, RAMP THRESHOLD, 234, OR A COMBINATION OF RAMP 233 & 234 AT DOORS WHERE THERE IS FLOOR LEVEL CHANGES IN WOOD FLOORING RESULTING FROM LEVELING THE BALLROOM FLOOR.
- NOTE 16: T-3: PROVIDE 4" WIDE HARDWOOD THRESHOLD STAINED TO MATCH WOOD FLOORING. EDGES SHALL BE CHAMFERED TO PROVIDE 1:2 SLOPE. ROUTE BOTTOM TO ACCOUNT FOR THE DIFFERING ELEVATIONS OF WOOD FLOOR ON ONE SIDE AND THINSET TILE ON THE OTHER SIDE. FLOOR LEVEL CHANGE = 1/4" MAX. TOTAL HEIGHT OF THRESHOLD MEASURED FROM ADJACENT FLOOR FINISHES = 1/2" MAX.
- NOTE 17: T-4: PROVIDE 4" WIDE HARDWOOD THRESHOLD STAINED TO MATCH WOOD FLOORING. EDGES SHALL BE CHAMFERED TO PROVIDE 1:2 SLOPE. ROUTE BOTTOM TO ACCOUNT FOR THE DIFFERING ELEVATIONS OF VARIOUS FLOOR FINISH THICKNESSES. FLOOR LEVEL CHANGE = 1/4" MAX. TOTAL HEIGHT OF THRESHOLD MEASURED FROM ADJACENT FLOOR FINISHES = 1/2" MAX.

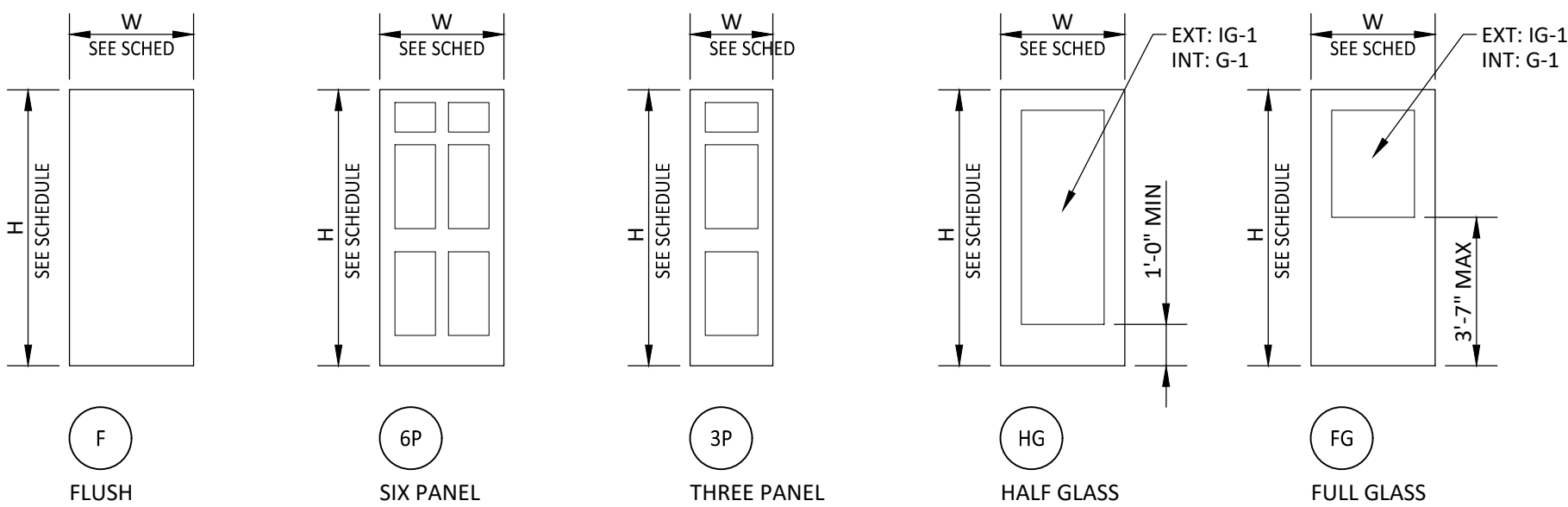
DOOR FRAME TYPES

SCALE: 1/4" = 1'-0"



DOOR TYPES

SCALE: 1/4" = 1'-0"



DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

SCHEDULES & DETAILS



COMMISSION No.  
24058.001  
SHEET  
**A2-1**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

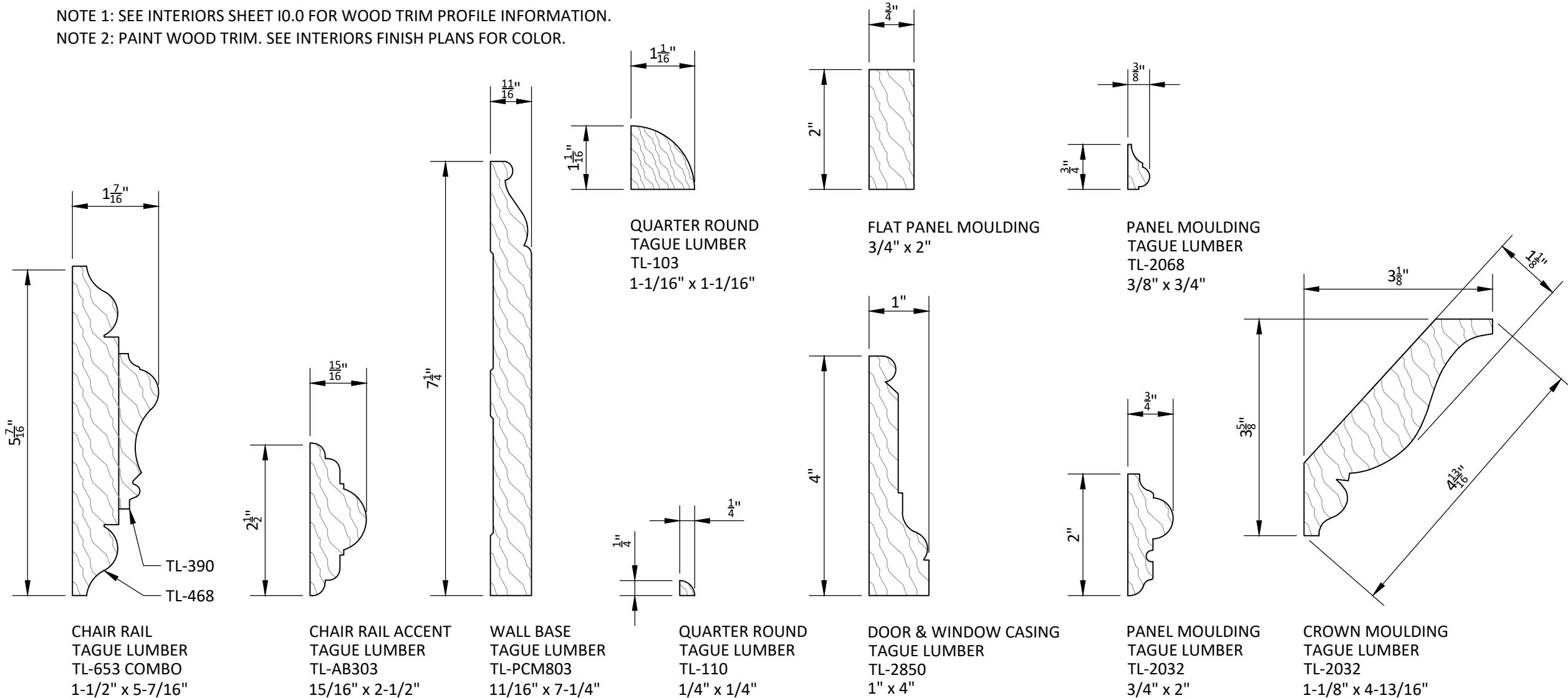


Drawn: File: A2-2.4-24058.001 - Vinton War Memorial - Redesign (05.08.2024) AutoCAD: Washington, VA 22098.001 A2-2.4 Schedules.dwg 9/7/2025 3:13 PM

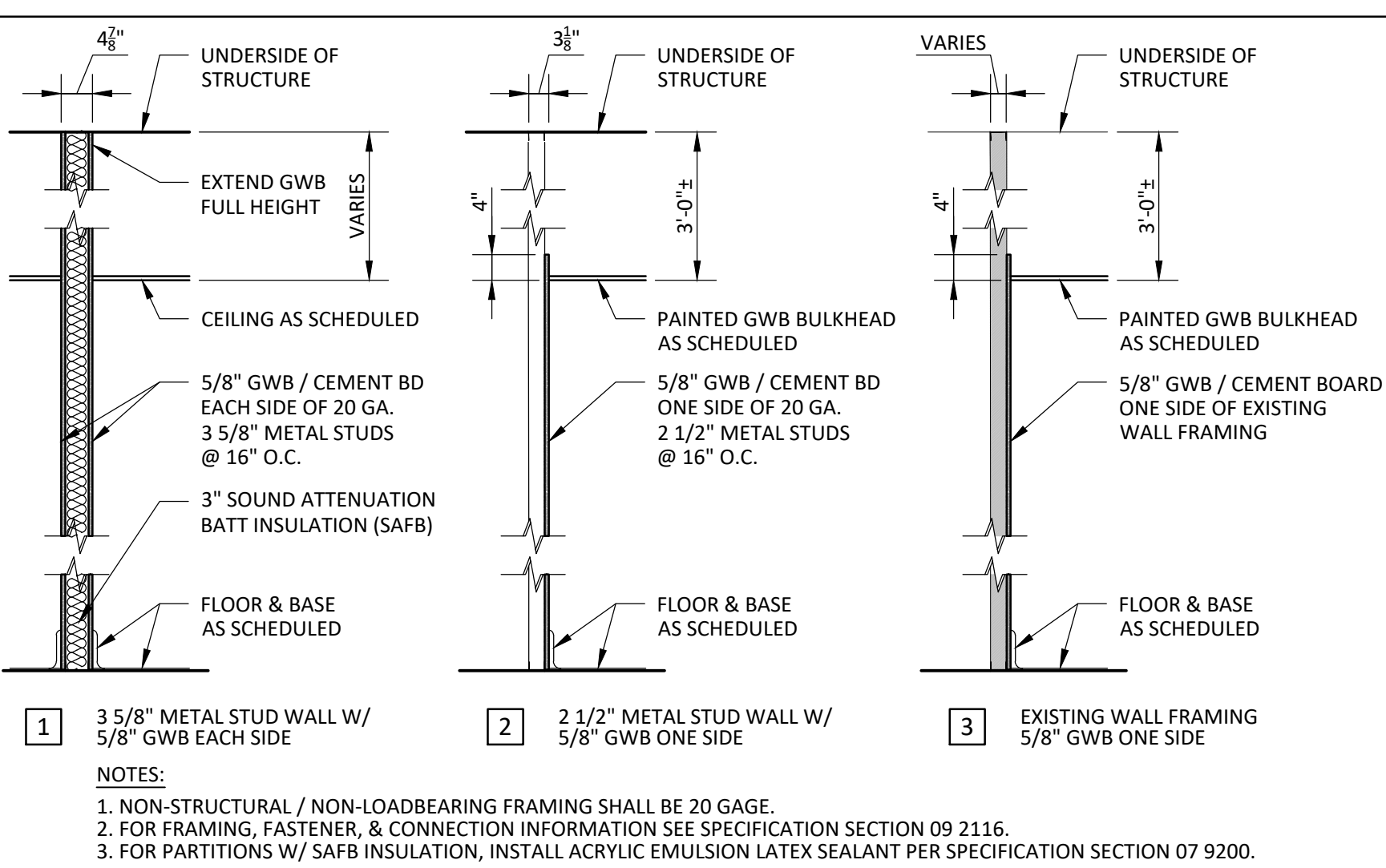
## TRIM PROFILES

SCALE: 6" = 1'-0"

NOTE 1: SEE INTERIORS SHEET 10.0 FOR WOOD TRIM PROFILE INFORMATION.  
NOTE 2: PAINT WOOD TRIM. SEE INTERIORS FINISH PLANS FOR COLOR.

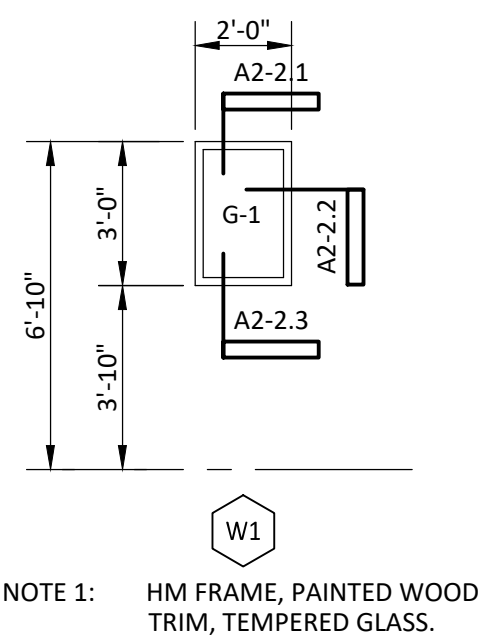


## PARTITION TYPES



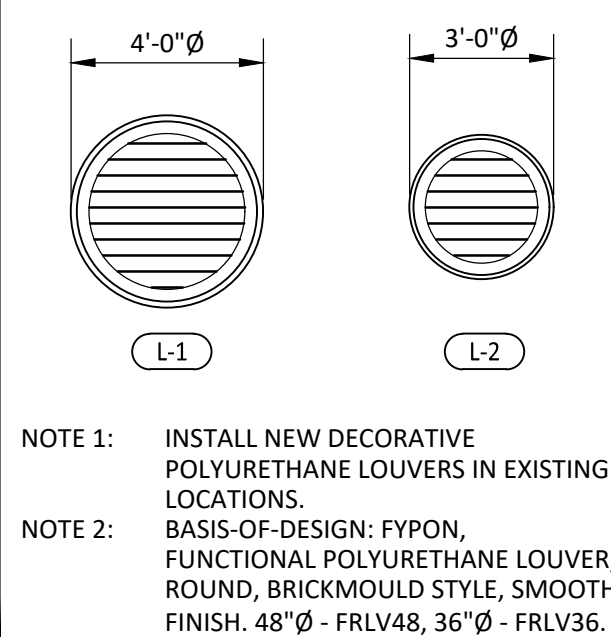
## INTERIOR WINDOWS

SCALE: 1/4" = 1'-0"



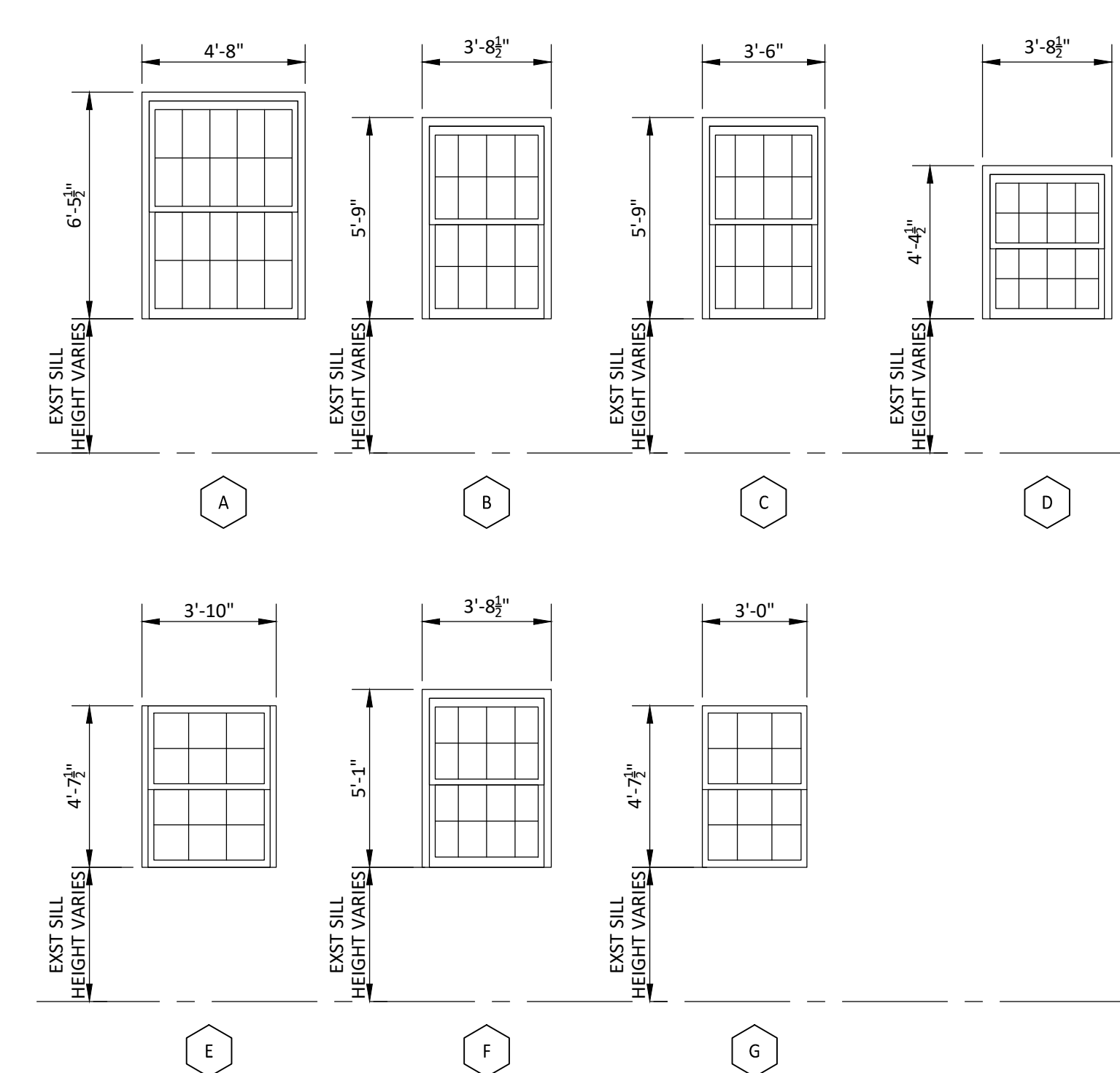
## LOUVERS

SCALE: 1/4" = 1'-0"

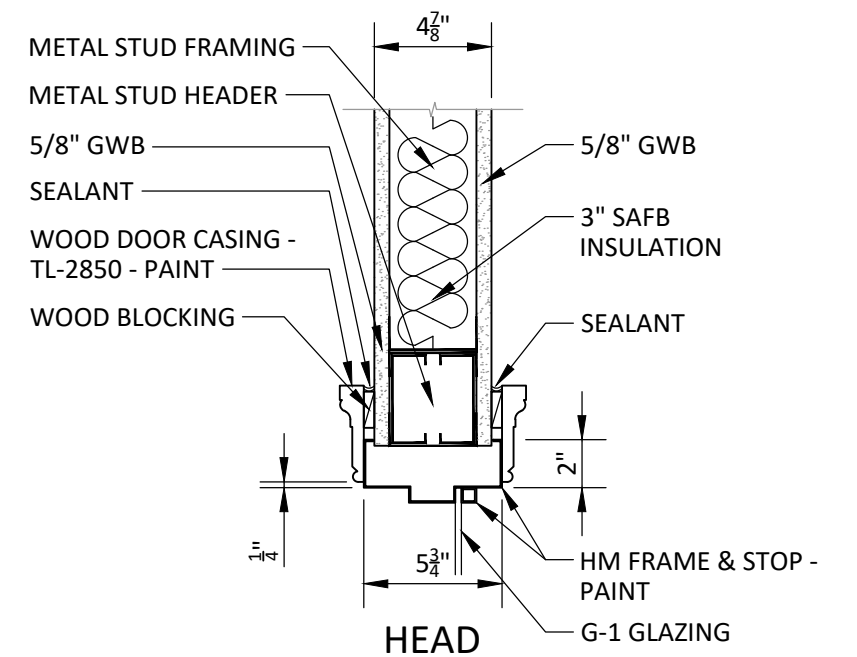


## EXTERIOR WINDOWS

SCALE: 1/4" = 1'-0"

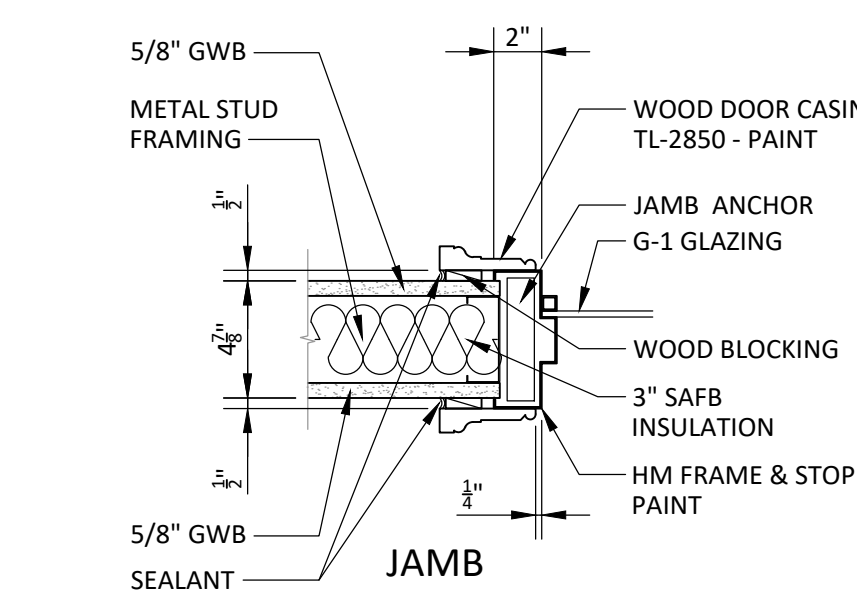


NOTES:  
1. ALL EXTERIOR WINDOWS SHALL BE PREFINISHED ALUMINUM CLAD WOOD WINDOWS. EXTERIOR ALUMINUM COLOR SHALL BE FACTORY WHITE. INTERIOR WOOD FACTORY FINISH SHALL BE WHITE. SEE SPECIFICATION SECTION 05 500 WOOD WINDOWS.  
2. 47 INCHES FACE OF ALL WINDOWS. INSTALL WOOD TRIM SILL, JAMB, HEAD & CASING. SEE SHEET A2-2 FOR WOOD TRIM PROFILES.  
3. PAINT INTERIOR WOOD TRIM AT WINDOWS WITH SCOT & CHIP RESISTANT PAINT. BASIS OF DESIGN: BENJAMIN MOORE, SCOTCH-X INTERIOR LATEX, SEMI-GLOSS, WHITE PAINT.  
4. GLAZING IN EXTERIOR WINDOWS SHALL BE WINDOW MANUFACTURER'S STANDARD LULU® INSULATED GLAZING UNIT.  
5. WINDOW COORDINATION SHALL MATCH INTERIOR. ALUMINUM SHALL BE 2 1/2" CONTINUOUS RIGID GRILLES BETWEEN THE GLASS RATHER THAN TRUE DIVIDED LITES.  
6. FOR OPPOSED WINDOWS, REQUIRED VERTICAL PENETRATION SHALL BE 1/4" ABOVE THE GLAZING UNIT. SEE TABLE 400.4.  
7. FOR OPPOSED WINDOWS, REQUIRED HORIZONTAL PENETRATION SHALL BE 1/4" ABOVE THE GLAZING UNIT. SEE TABLE 400.4.  
8. EXTERIOR TRIM SHALL BE MANUFACTURER'S STANDARD CLAD BRICKMOLD AND SURELIT TO FIT EXIST WALL ROUGH OPENING.  
9. WINDOW DIMENSIONS SHOWN ARE BASED ON EXIST DRAWINGS & FIELD MEASUREMENTS WITHOUT DESTRUCTIVE DEMOLITION. ALL SHALL CONFIRM FIELD VERIFY ROUGH OPENING & WALL THICKNESS DIMENSIONS AFTER WINDOW & TRIM REMOVAL AND COORDINATE NEW WINDOW DIMENSIONS ACCURATELY.



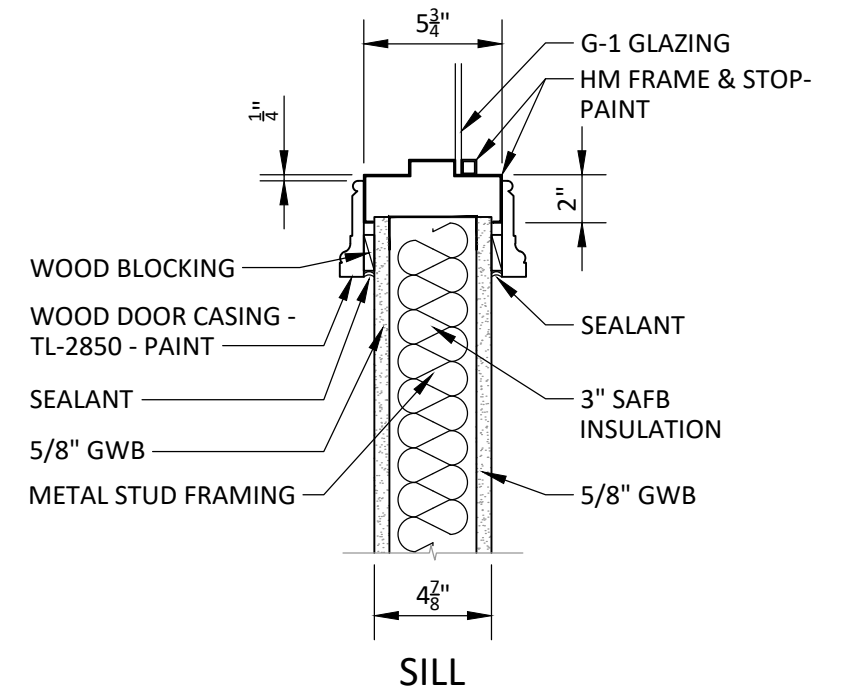
## INT WINDOW HEAD

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



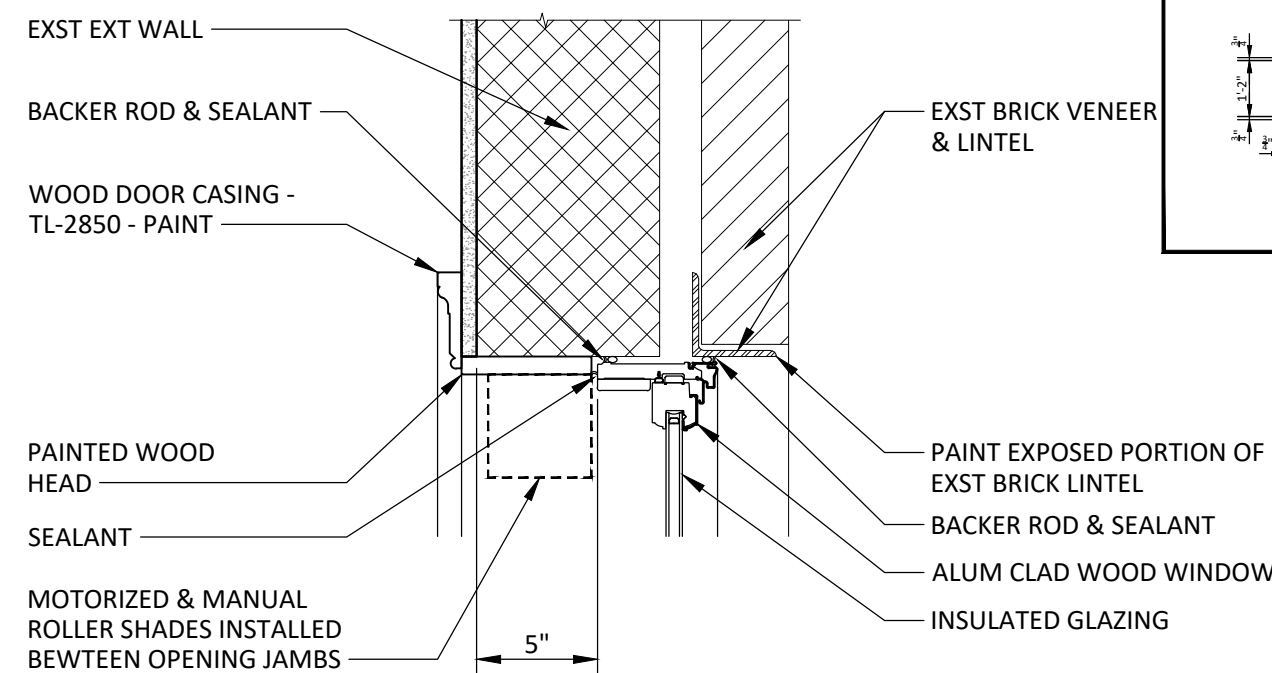
## INT WINDOW JAMB

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



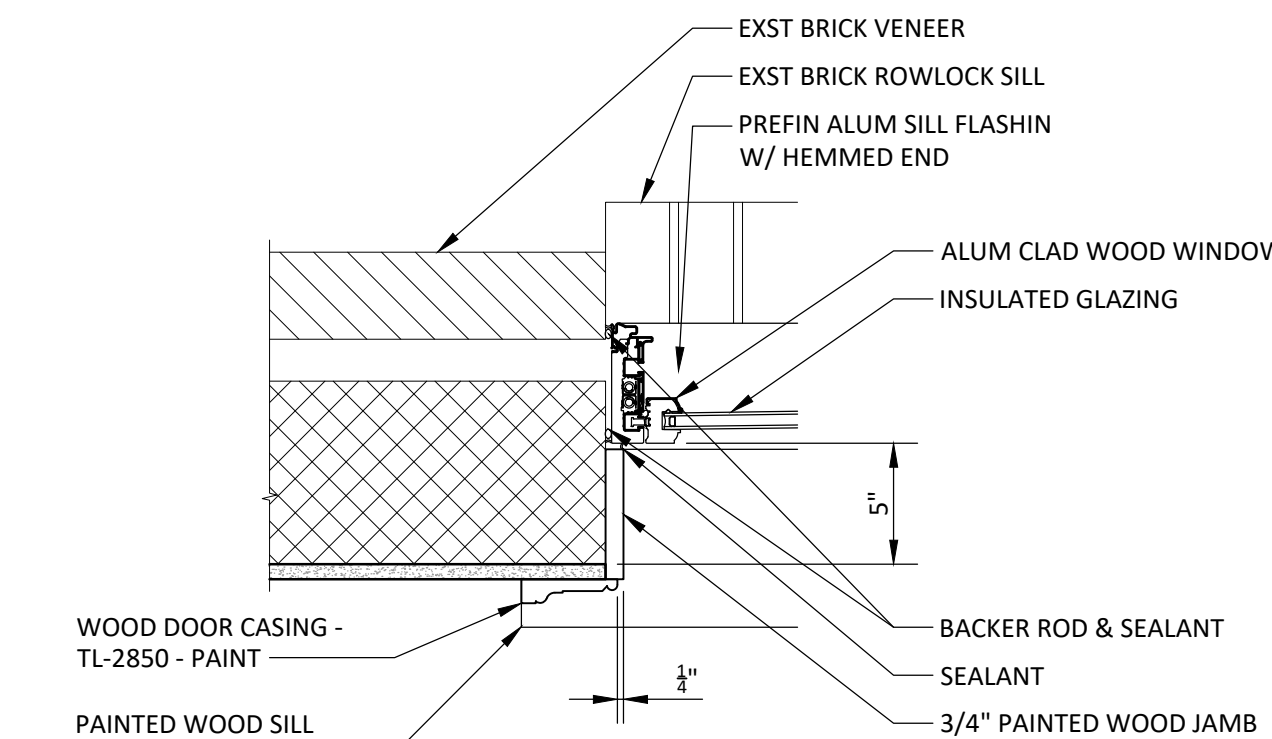
## INT WINDOW SILL

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



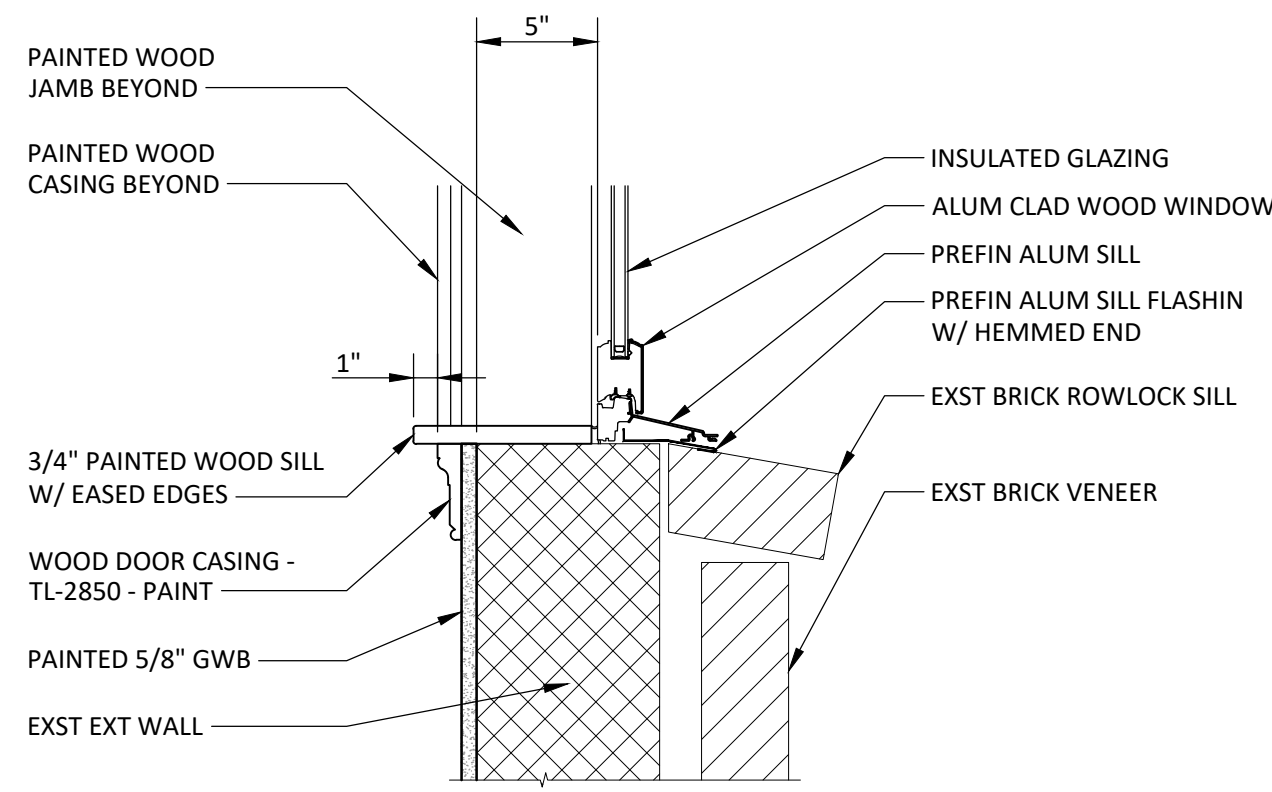
## EXT WINDOW HEAD

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



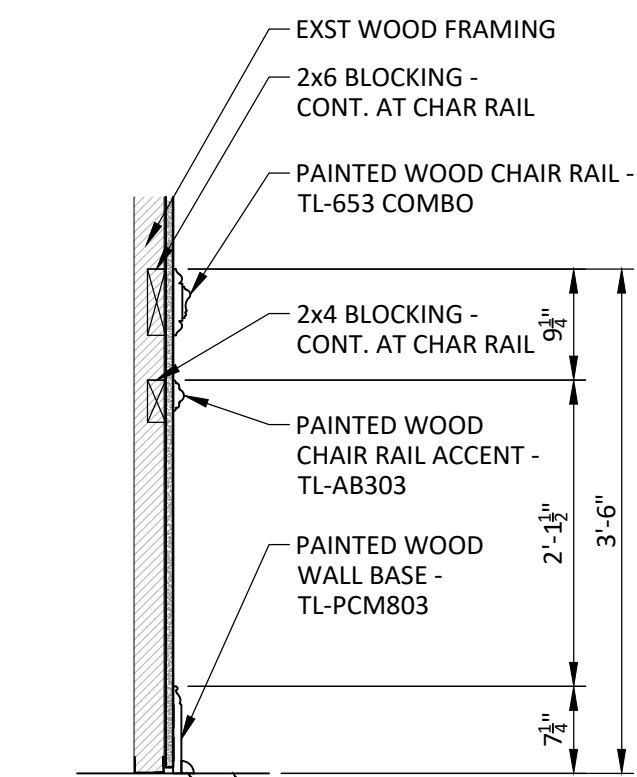
## EXT WINDOW JAMB

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



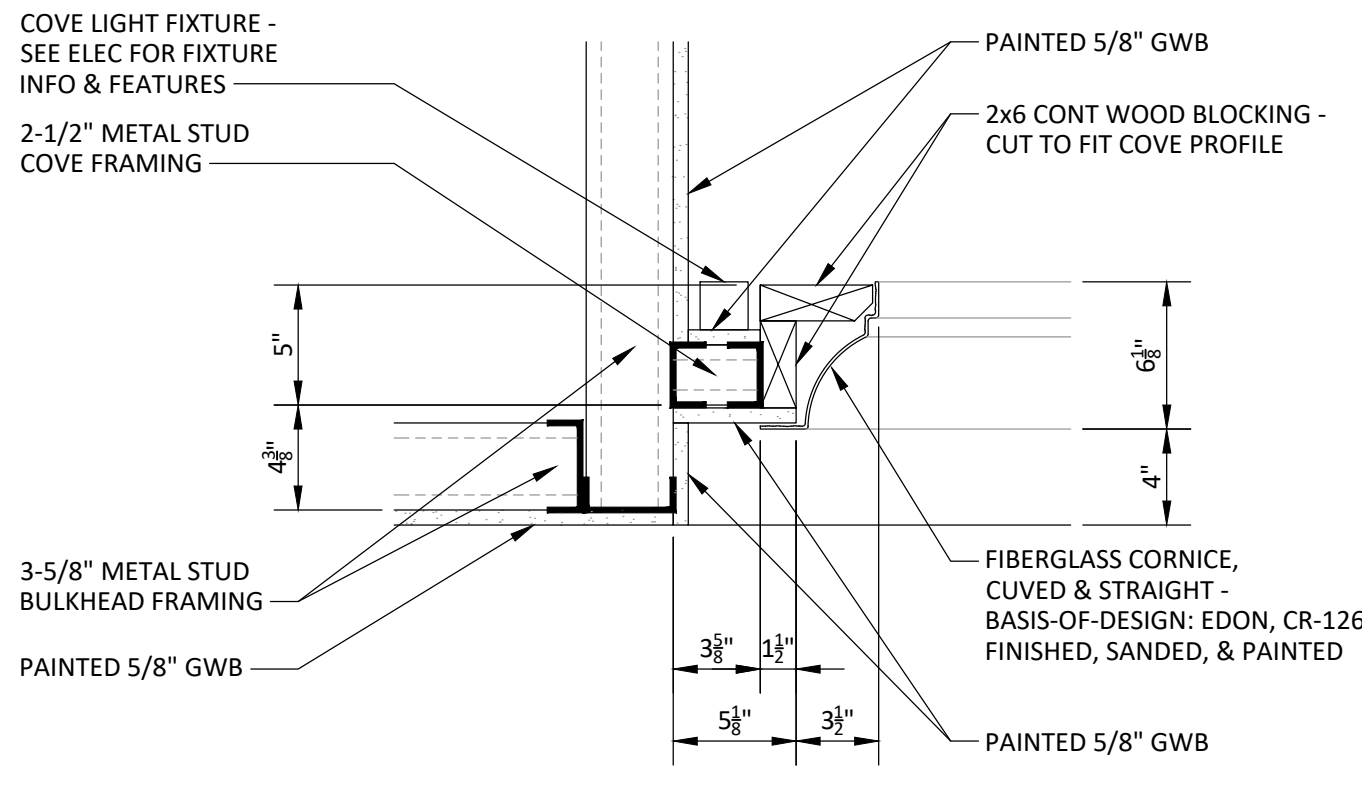
## EXT WINDOW SILL

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



## BALLROOM TRIM

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



## TYPICAL COVE DETAIL

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

DATE: SEPT 5, 2025

REVISIONS

HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations to  
THE VINTON WAR MEMORIAL  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

SCHEDULES & DETAILS

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN EMMONS  
Lic. No. 014051  
ARCHITECT

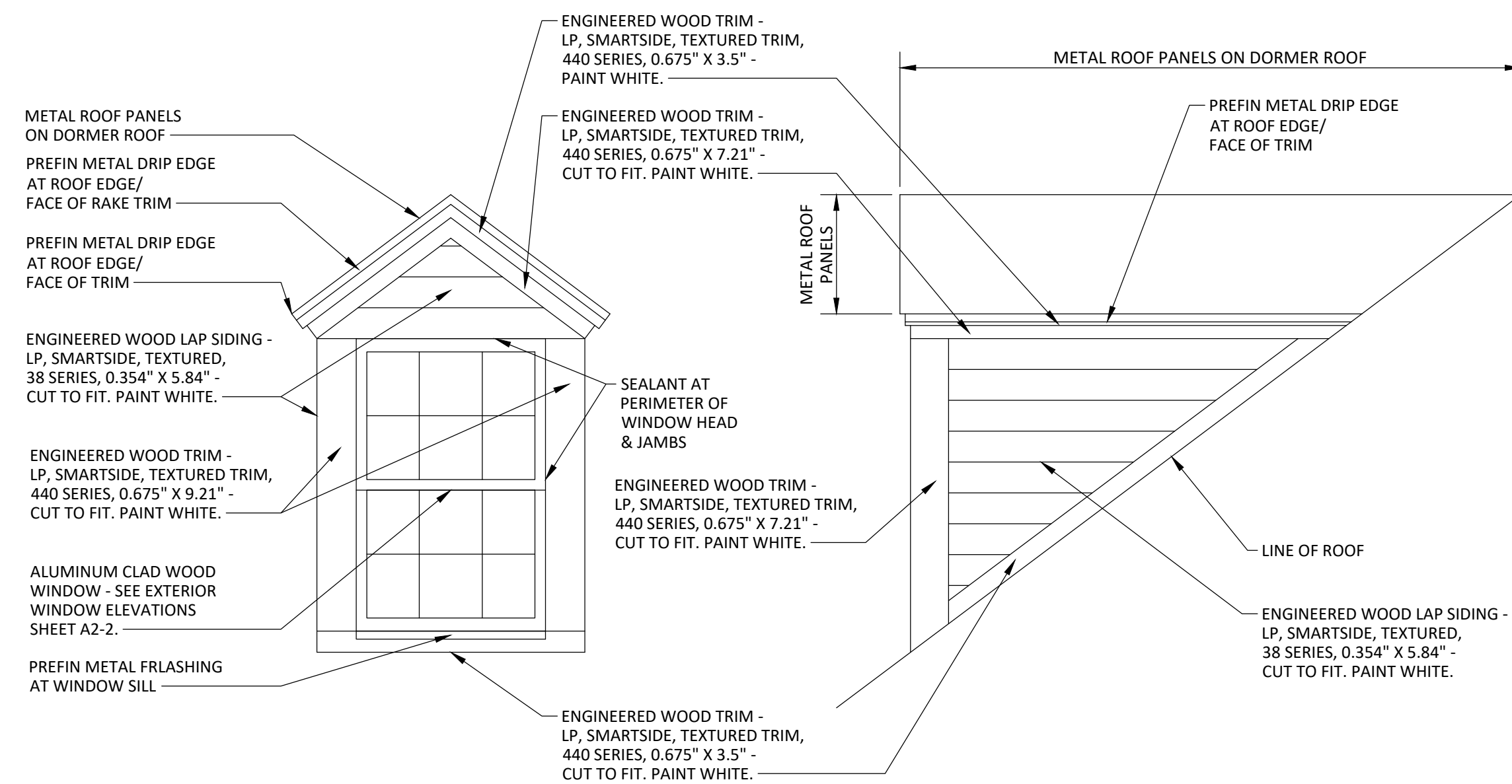
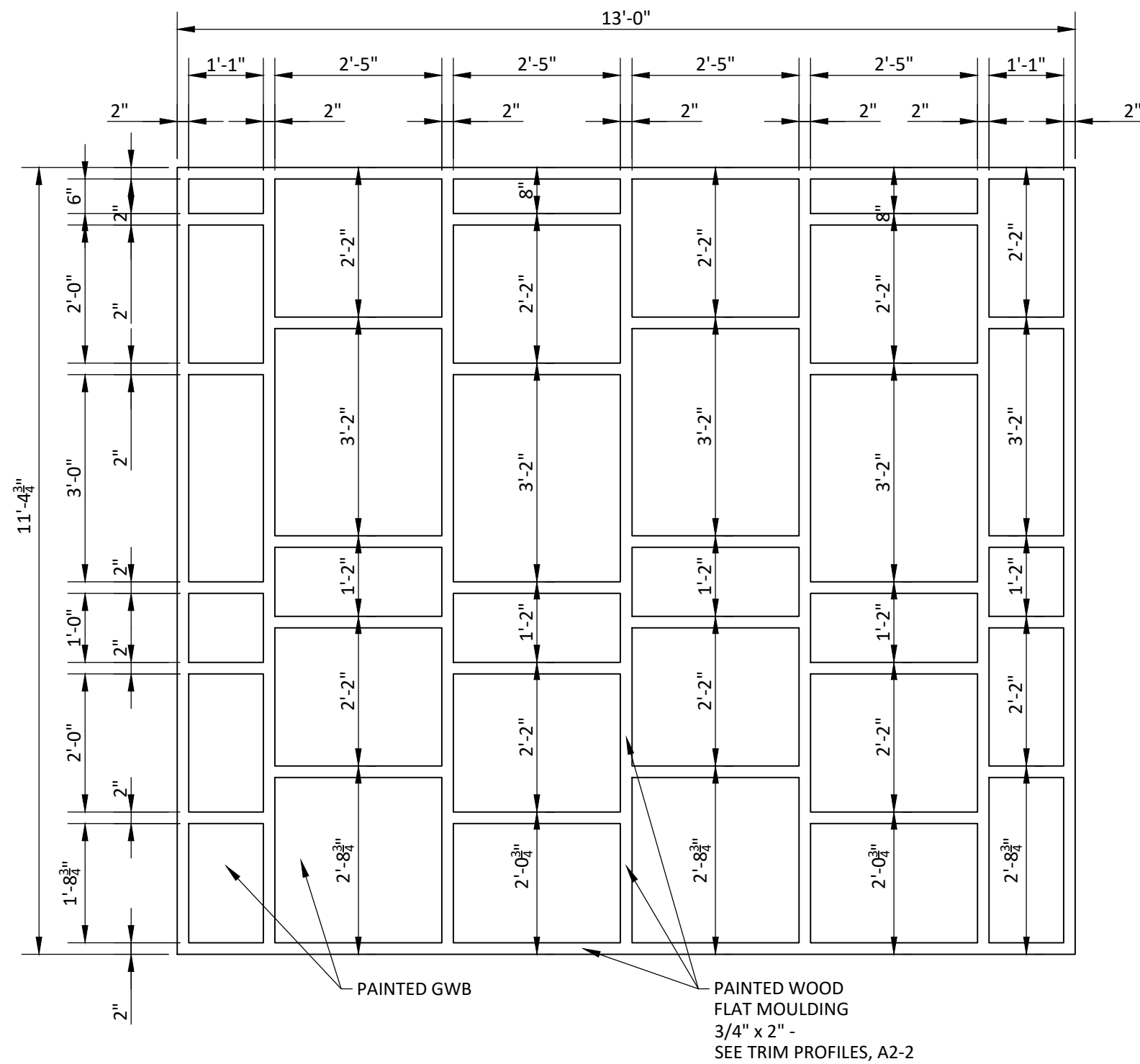
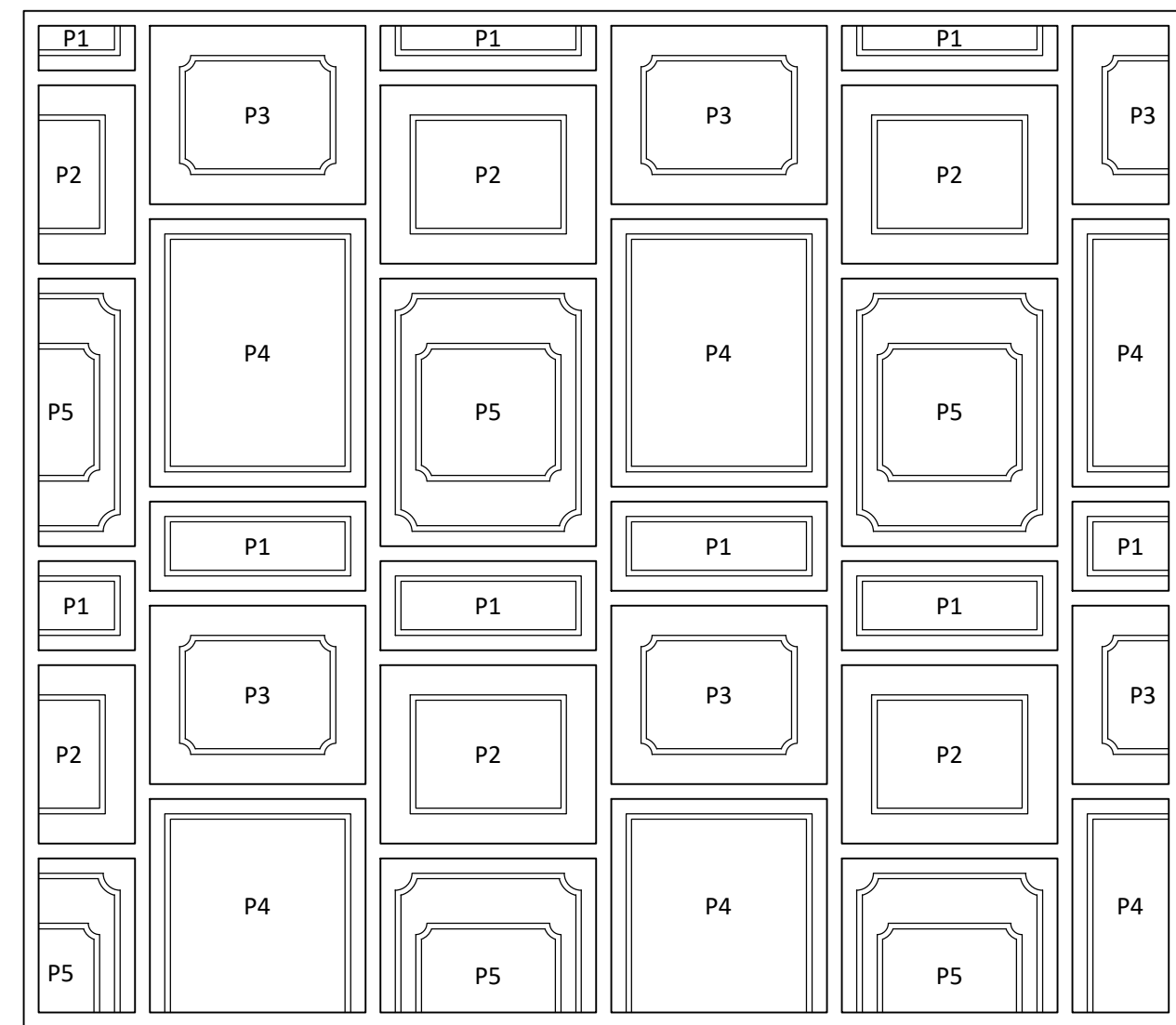
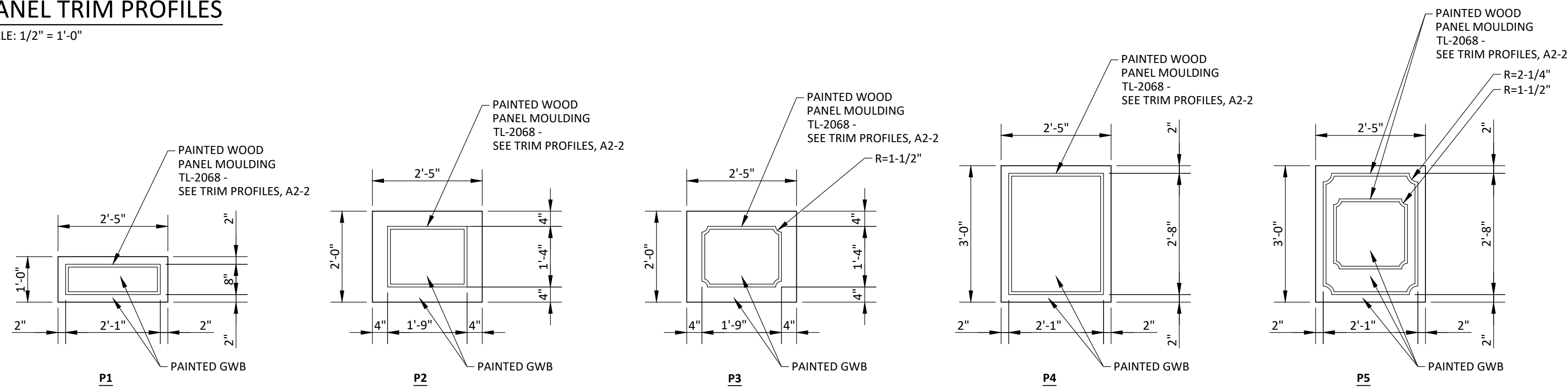
COMMISSION No. 24058.001

SHEET A2-2

© COPYRIGHT 2025 HUGHES ASSOCIATES ARCHITECTS & ENGINEERS A PROFESSIONAL CORPORATION

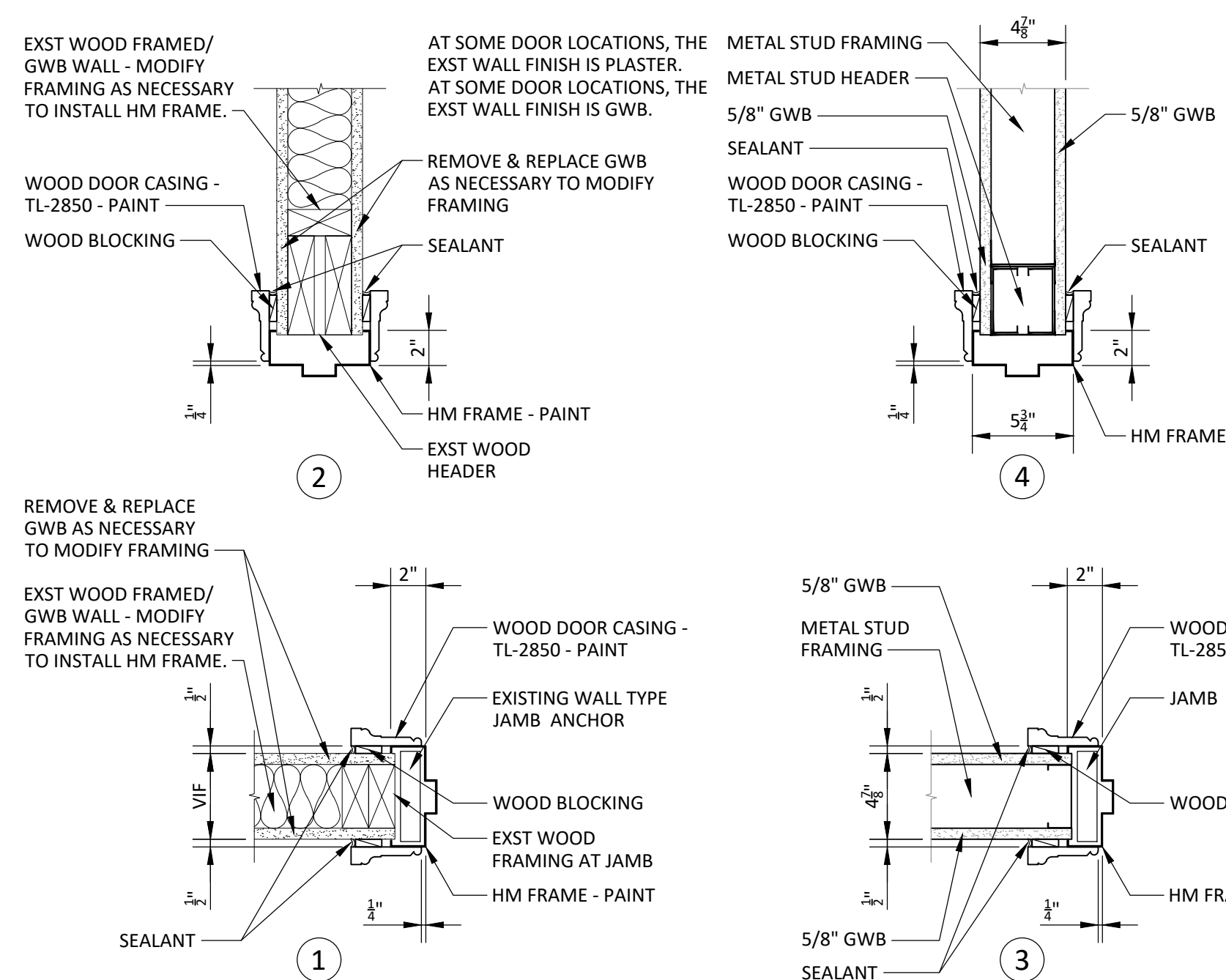
## PANEL TRIM PROFILES

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



## BALLROOM PANEL KEY

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

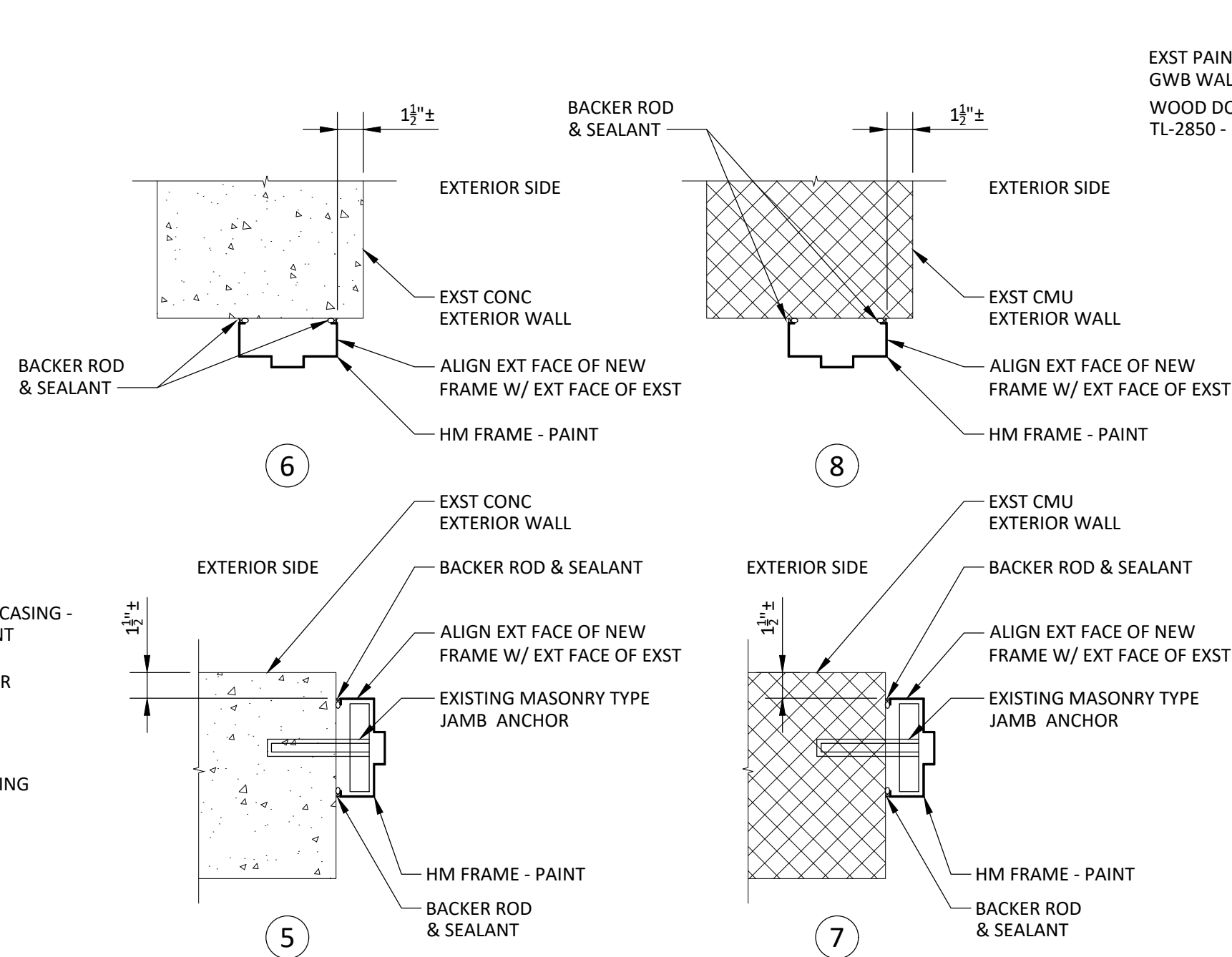


## DOOR DETAILS

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

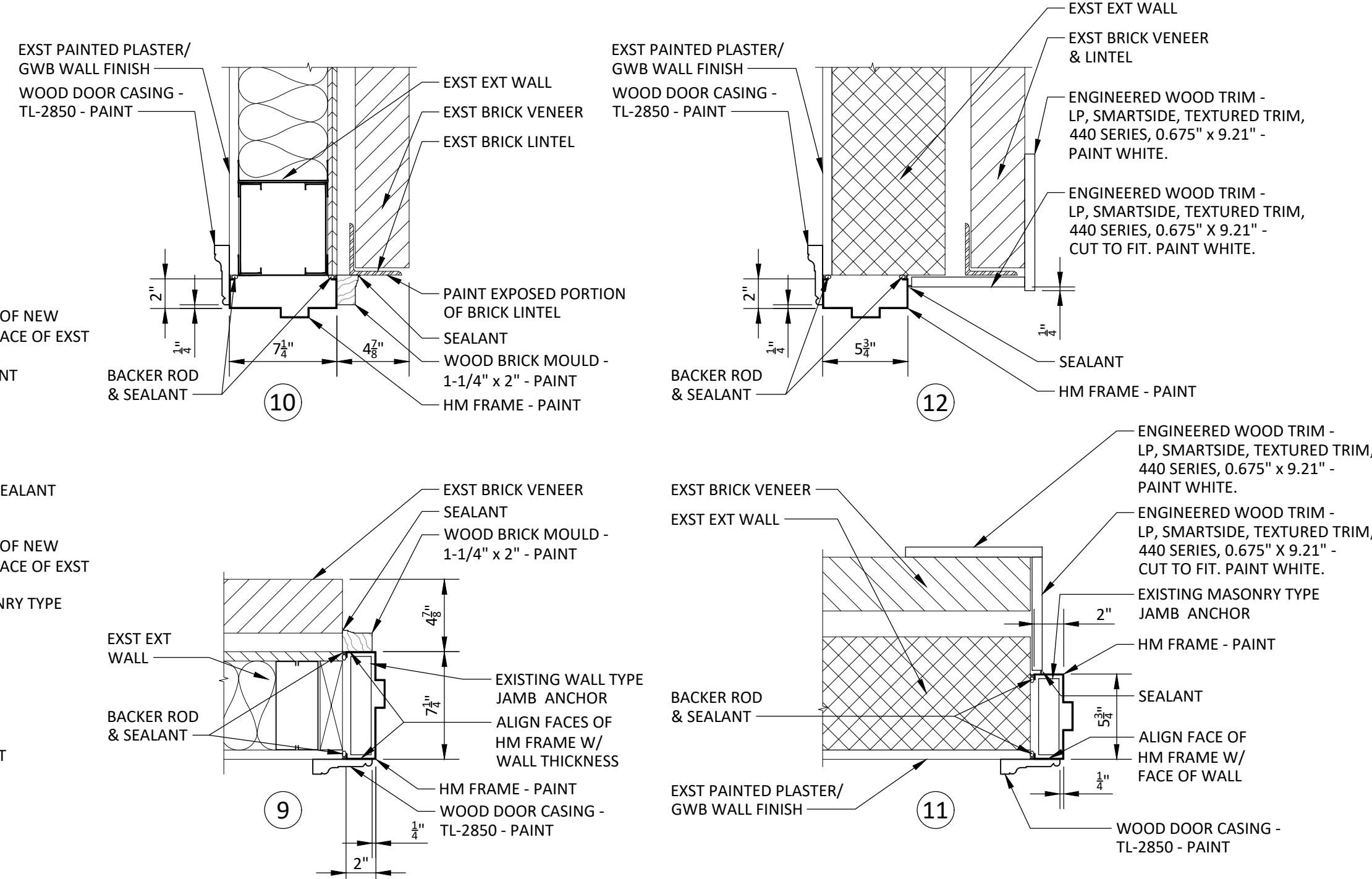
## BALLROOM PANEL FLAT MOULDING ELEV

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



## ROOF DORMER ELEVATIONS

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



DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

## SCHEDULES & DETAILS



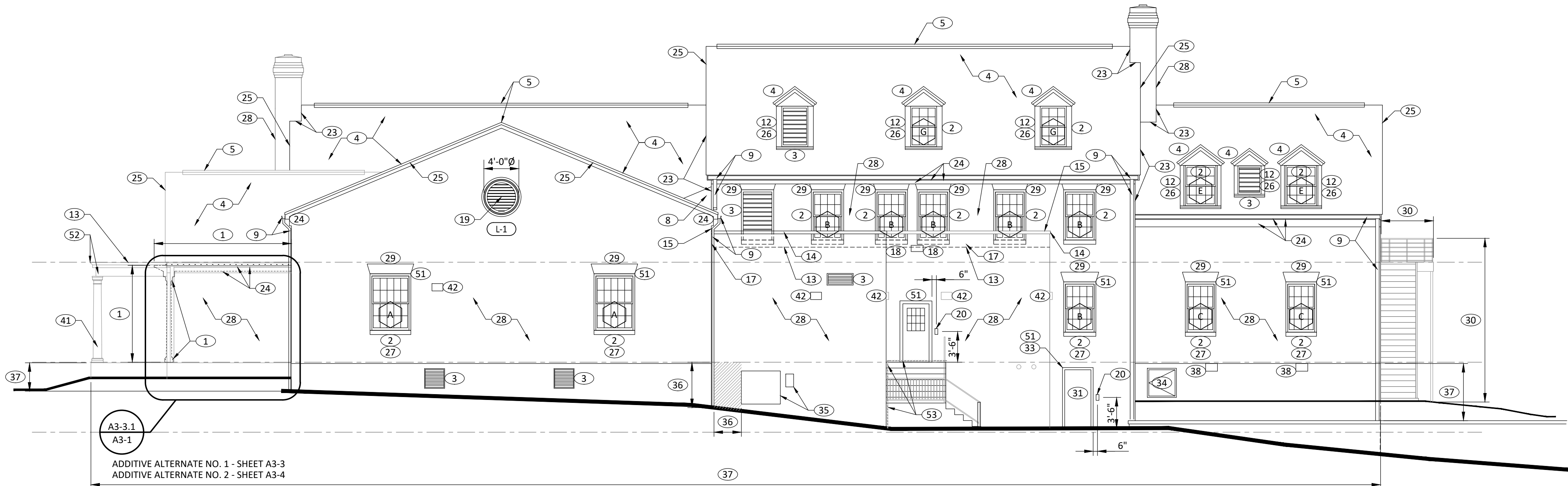
COMMISSION No.  
24058.001  
SHEET  
**A2-3**

## ELEVATION NOTES

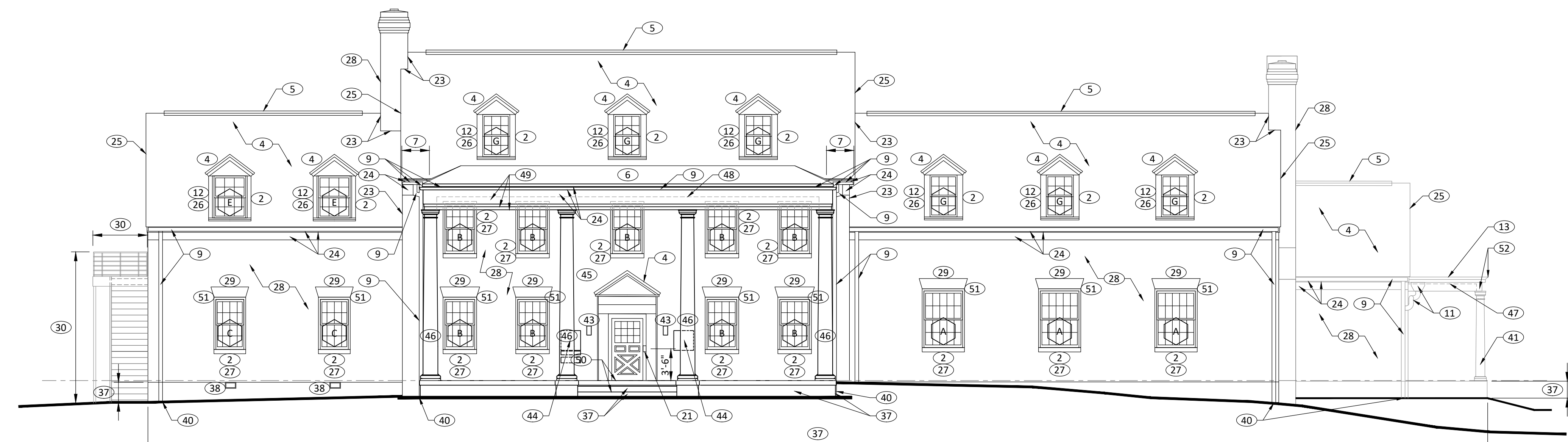
- 1 BASE BID:  
EXISTING PERGOLA TO REMAIN.  
ADDITIVE ALTERNATE NO. 1:  
PREFIN ALUMINUM PERGOLA W/ PREFIN STEEL COLUMNS, FIXED POLYCARBONATE SHADE PANELS, MOTORIZED FABRIC SHADES AT BOTTOM OF PERGOLA BEAMS, & INTEGRATED LIGHTING AT FACE OF COLUMNS AND RECESSED IN THE PERGOLA BEAM. 33'-6"W x 23'-0"D.
- 2 EXTERIOR WINDOW, PREFIN ALUMINUM CLAD WOOD WINDOW, WHITE EXTERIOR COLOR, WHITE INTERIOR COLOR. SEALANT AT WINDOW PERIMETER.
- 3 PAINT EXST LOUVER. INSTALL SEALANT AT LOUVER PERIMETER.
- 4 PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXISTING ASPHALT SHINGLES.
- 5 RIDGE VENT
- 6 PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXST.
- 7 PROVIDE SHOP-FABRICATED SUMP W/ SOLDERED JOINTS TO MATCH EXST CONFIGURATION. COLOR TO MATCH METAL ROOF PANEL COLOR. NO FIELD FABRICATION. NO EXPOSED FASTENERS.
- 8 SLOPED CRICKET TO MATCH EXISTING CONFIGURATION.
- 9 8" HALF-ROUND GUTTER & ANCHORS SERVED BY 6" ROUND DOWNSPOUTS - ROOF DRAINAGE SYSTEM & ACCESSORIES SHALL BE PREFIN WHITE COLOR.
- 10 COORD DOWNSPOUT CONFIGURATION TO AVOID CONFLICT WITH NEW PERGOLA FIXED POLYCARBONATE SHADE PANELS, AS NECESSARY.
- 11 PREFIN METAL CONDUCTOR HEAD & DOWNSPOUT - WHITE TO MATCH TRIM & OVERALL DRAINAGE SYSTEM. MATCH EXST DS CONFIGURATION & DRAIN INTO ADJACENT DOWNSPOUT.
- 12 UTILIZE ICE & WATER SHIELD AS ROOF-TO-WALL FLASHING WHERE NEW ROOFING INSTALLATION MEETS EXISTING DORMER WALL.
- 13 MEMBRANE ROOF SYSTEM.
- 14 PREFIN METAL COPING W/ SHOP FABRICATED CORNERS & ENDS, COLOR WHITE.
- 15 FLASHING AT COPING TERMINATION AT WALL INTERSECTION.
- 16 MEMBRANE ROOF CRICKET FLASHED INTO ADJACENT ASPHALT SHINGLE SLOPED ROOF.
- 17 TWO-PIECE COUNTER-FLASHING ROOF MEMBRANE TERMINATION AT ADJACENT WALL.
- 18 FLASH MEMBRANE ROOF INTO EXST METAL SCUPPER ASSEMBLIES PER MEMBRANE MFGR'S STANDARD SCUPPER DETAIL.
- 19 DECORATIVE POLYURETHANE LOUVER AT EXST LOUVER LOCATION.
- 20 WALL-MOUNTED ACCESS CONTROL DEVICE.
- 21 WALL-MOUNTED ACCESS CONTROL DEVICE. LOCATED CENTERED IN FLAT TRIM ADJACENT TO DOOR, TO THE LEFT OF THE DECORATIVE PILASTER.
- 22 PAINT GUARD.
- 23 TWO-PIECE COUNTER-FLASHING INSTALLED ALONG THE SLOPED ROOF AT THE SHINGLES INTERSECTION TO ADJACENT WALL. SAW CUT EXST BRICK TO INSTALL RECEIVER FLASHING.
- 24 PAINT NEW ENGINEERED WOOD FASCIA, SOFFIT, & FREIZE BOARD.
- 25 PAINT NEW ENGINEERED WOOD RAKE TRIM.
- 26 PAINT NEW ENGINEERED WOOD SIDING & TRIM - ENTIRE DORMER.
- 27 EXST BRICK SILL TO REMAIN.
- 28 EXST BRICK VENEER TO REMAIN.
- 29 EXST BRICK FLAT ARCH TO REMAIN.
- 30 PAINT EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE.
- 31 PAINT HM DOOR & FRAME.
- 32 PAINT NEW ENGINEERED WOOD TRIM AT HEAD & JAMBS, AND CASINGS AT FACE OF BRICK VENEER.
- 33 INSTALL SEALANT AT DOOR FRAME PERIMETER.
- 34 PAINT EXST ACCESS DOOR. INSTALL SEALANT AT FRAME PERIMETER.
- 35 EXST ELECTRICAL EQUIPMENT TO REMAIN.
- 36 REPAIR CONC FOUNDATION WALL STUCCO FINISH & PAINT TO MATCH ADJACENT.
- 37 REPAIR CRACKS IN CONCRETE WALL W/ CRACK FILLER - PAINT FOUNDATION WALL FULL HEIGHT, ENTIRE BUILDING PERIMETER.
- 38 PAINT EXST FOUNDATION VENT. INSTALL SEALANT AT PERIMETER OF FOUNDATION VENT.
- 39 NEW FOUNDATION VENT TO MATCH EXST TO FILL EXST OPENING. PAINT TO MATCH EXST VENTS. INSTALL SEALANT AT PERIMETER OF FOUNDATION VENT.
- 40 DOWNSPOUT TERMINATES AT GRADE TO MATCH EXST CONFIGURATION - SOME EMPTY ONTO SPLASHBLOCK, SOME EMPTY INTO EXST STORM PIPING.
- 41 EXST COLUMN TO REMAIN.
- 42 NEW EXTERIOR WALL-MOUNTED LED LIGHT FIXTURE AT LOCATION OF EXST LIGHT.
- 43 EXST WALL SCONES TO REMAIN.
- 44 EXST HISTORICAL PLAQUE TO REMAIN.
- 45 PAINT EXST WOOD DOOR, FRAME, TRIM, DECORATIVE PILASTERS, & PEDIMENT.
- 46 PATCH & REPAIR CRACKING & DAMAGE TO PREPARE A SMOOTH SURFACE FOR FULL HEIGHT & CIRCUMFERENCE OF COLUMNS, CAPITALS, & BASES. PAINT COLUMNS, CAPITALS, & BASES.
- 47 PAINT EXST DEFS (DIRECT APPLIED EXTERIOR FINISH SYSTEM) PORCH CEILING.
- 48 PAINT NEW ENGINEERED WOOD PORCH CEILING.
- 49 PAINT NEW ENGINEERED WOOD TRIM WRAPPING BEAM - EXTERIOR FACE, INTERIOR FACE, & SOFFIT.
- 50 EXST STONE PORCH FLOOR & STAIR TREADS TO REMAIN. PROTECT DURING CONSTRUCTION.
- 51 PAINT EXPOSED PORTION OF EXST BRICK ANGLE WHITE TO MATCH NEW WINDOWS AT ALL EXTERIOR WINDOW LOCATIONS.
- 52 PAINT NEW ENGINEERED WOOD ENTABLATURE & TRIM WRAPPING PORCH BEAMS.
- 53 SAW CUT 1/2" JOINT INTO STAIR TREADS, RISERS, & TOP RISER WHERE CONCRETE STAIR MEETS THE BUILDING EXTERIOR CONCRETE WALL. INSTALL BACKER ROD & SEALANT. BASIS-OF-DESIGN: TITEBOND, CONCRETE REPAIR SEALANT. INSTALL BACKER ROD TO A DEPTH THAT ALIGNS WITH THE SURFACE OF THE CONCRETE STAIR FOR TWO-SIDED ADHESION NOT THREE-SIDED ADHESION.

## GENERAL ELEVATION NOTES

- 1 FOR SIDING, TRIM, FASCIA, RAKES, SOFFITS, & PORCH CEILINGS, BASIS-OF-DESIGN FOR INDICATED ENGINEERED WOOD PRODUCTS SHALL BE LP, SMARTSIDE, TEXTURED SURFACES, 0.354" THICK LAP SIDING, 0.354" THICK GROOVED PANELS, 0.354" TEXTURED SOFFIT PANELS, 0.675" THICK IN VARYING WIDTHS, & ASSOCIATED ACCESSORIES, ALL COMPONENTS PRIMED FOR FIELD PAINT FINISH.
- 2 SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.
- 3 REMOVE ALL ROOFING; ASPHALT SHINGLES, METAL ROOF PANELS, & ROOF MEMBRANE SYSTEM. REMOVE ROOF DRAINAGE SYSTEM COMPLETE. REMOVE ROOF FLASHING INCLUDING STEP FLASHING AT ROOF TO BRICK WALL CONDITION. REMOVE FASCIA, SOFFIT, RAKE TRIM, COMPLETE.
- 4 PROVIDE 2 PIECE MASONRY COUNTERFLASHING TO REPLACE ALL STEP FLASHING AT ROOF TO BRICK WALL INTERSECTION.



## NORTH ELEVATION

A3-1.1  
A3-1  
SCALE: 1/8" = 1'-0"

## SOUTH ELEVATION

A3-1.2  
A3-1  
SCALE: 1/8" = 1'-0"



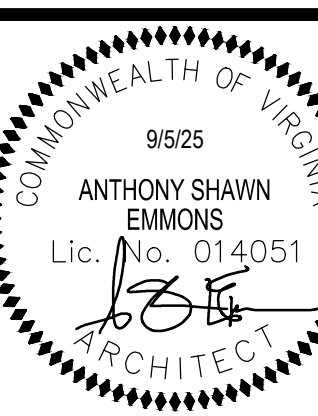
REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

EXTERIOR  
ELEVATIONS -  
EAST & WEST



COMMISSION No.  
24058.001

SHEET  
**A3-2**

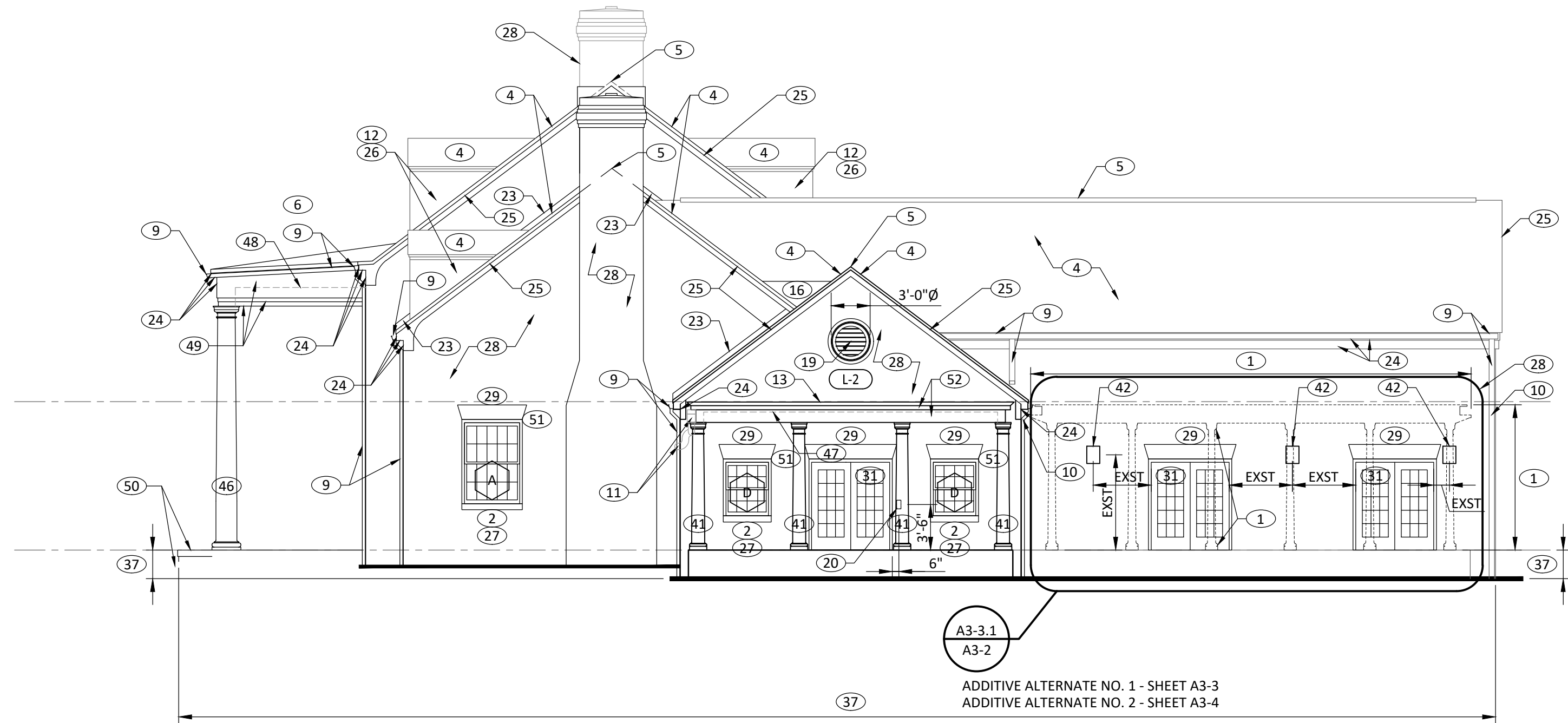
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

#### ELEVATION NOTES

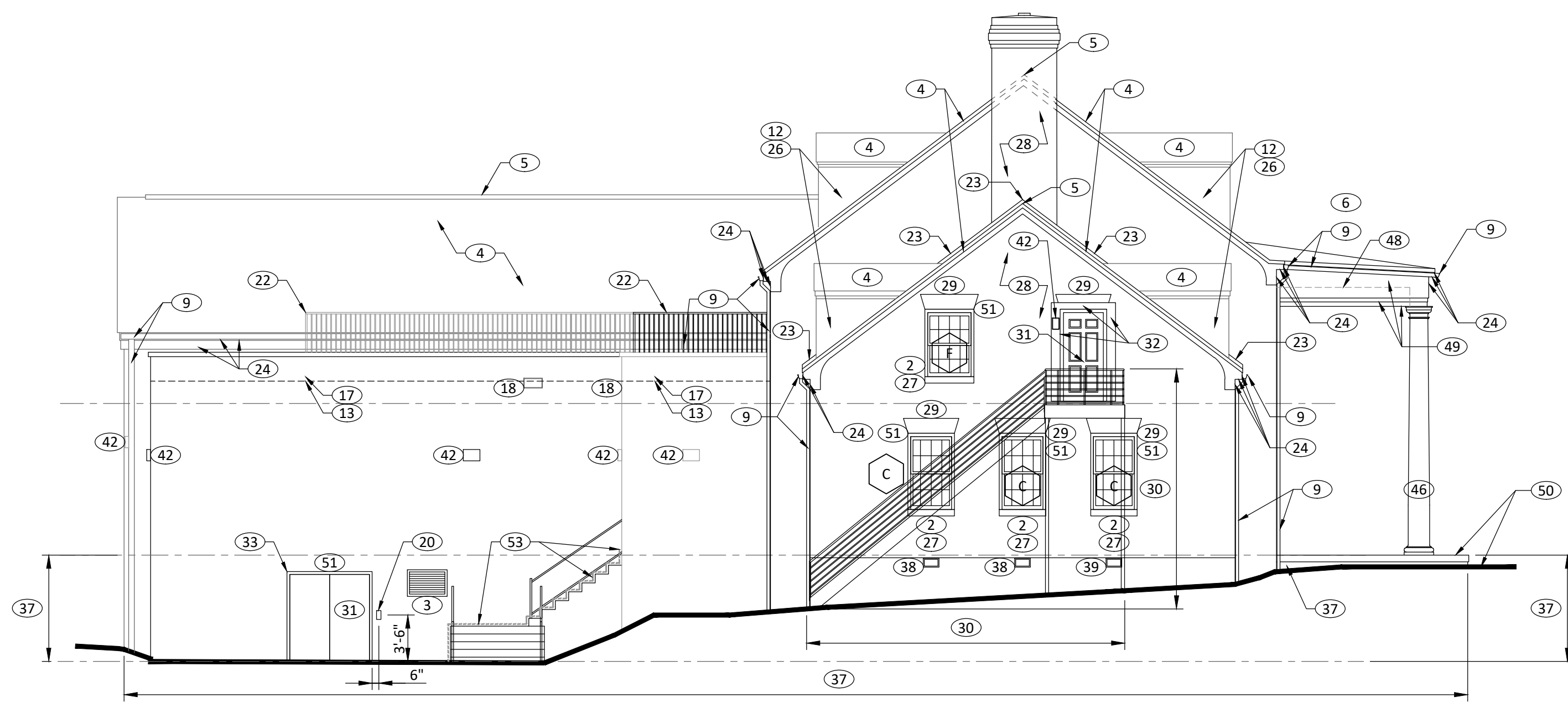
- BASE BID:  
EXISTING PERGOLA TO REMAIN.  
ADDITIVE ALTERNATE NO. 1:  
PREFIN ALUMINUM PERGOLA W/ PREFIN STEEL COLUMNS, FIXED POLYCARBONATE SHADE PANELS, MOTORIZED FABRIC SHADES AT BOTTOM OF PERGOLA BEAMS, & INTEGRATED LIGHTING AT FACE OF COLUMNS AND RECESSED IN THE PERGOLA BEAM. 33'-6"W x 23'-0"D.
- EXTERIOR WINDOW, PREFIN ALUMINUM CLAD WOOD WINDOW, WHITE EXTERIOR COLOR, WHITE INTERIOR COLOR. SEALANT AT WINDOW PERIMETER.
- PAINT EXST LOUVER. INSTALL SEALANT AT LOUVER PERIMETER.
- PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXISTING ASPHALT SHINGLES.
- RIDGE VENT
- PREFIN METAL STANDING SEAM ROOF PANELS & UNDERLAYMENT TO REPLACE EXST.
- PROVIDE SHOP-FABRICATED SUMP W/ SOLDERED JOINTS TO MATCH EXST CONFIGURATION. COLOR TO MATCH METAL ROOF PANEL COLOR. NO FIELD FABRICATION. NO EXPOSED FASTENERS.
- SLOPED CRICKET TO MATCH EXISTING CONFIGURATION.
- 8" HALF-ROUND GUTTER & ANCHORS SERVED BY 6" ROUND DOWNSPOUTS - ROOF DRAINAGE SYSTEM & ACCESSORIES SHALL BE PREFIN WHITE COLOR.
- COORD DOWNSPOUT CONFIGURATION TO AVOID CONFLICT WITH NEW PERGOLA FIXED POLYCARBONATE SHADE PANELS, AS NECESSARY.
- PREFIN METAL CONDUCTOR HEAD & DOWNSPOUT - WHITE TO MATCH TRIM & OVERALL DRAINAGE SYSTEM. MATCH EXST DS CONFIGURATION & DRAIN INTO ADJACENT DOWNSPOUT.
- UTILIZE ICE & WATER SHIELD AS ROOF-TO-WALL FLASHING WHERE NEW ROOFING INSTALLATION MEETS EXISTING DORMER WALL.
- MEMBRANE ROOF SYSTEM.
- PREFIN METAL COPING W/ SHOP FABRICATED CORNERS & ENDS. COLOR WHITE.
- FLASHING AT COPING TERMINATION AT WALL INTERSECTION.
- MEMBRANE ROOF CRICKET FLASHED INTO ADJACENT ASPHALT SHINGLE SLOPED ROOF.
- TWO-PIECE COUNTER-FLASHING ROOF MEMBRANE TERMINATION AT ADJACENT WALL.
- FLASH MEMBRANE ROOF INTO EXST METAL SCUPPER ASSEMBLIES PER MEMBRANE MFGR'S STANDARD SCUPPER DETAIL.
- DECORATIVE POLYURETHANE LOUVER AT EXST LOUVER LOCATION.
- WALL-MOUNTED ACCESS CONTROL DEVICE.
- WALL-MOUNTED ACCESS CONTROL DEVICE. LOCATED CENTERED IN FLAT TRIM ADJACENT TO DOOR, TO THE LEFT OF THE DECORATIVE PILASTER .
- PAINT GUARD.
- TWO-PIECE COUNTER-FLASHING INSTALLED ALONG THE SLOPED ROOF AT THE SHINGLES INTERSECTION TO ADJACENT WALL. SAW CUT EXST BRICK TO INSTALL RECEIVER FLASHING.
- PAINT NEW ENGINEERED WOOD FASCIA, SOFFIT, & FREIZE BOARD.
- PAINT NEW ENGINEERED WOOD RAKE TRIM.
- PAINT NEW ENGINEERED WOOD SIDING & TRIM - ENTIRE DORMER.
- EXST BRICK SILL TO REMAIN.
- EXST BRICK VENEER TO REMAIN.
- EXST BRICK FLAT ARCH TO REMAIN.
- PAINT EXTERIOR STAIR LANDING, TREADS, STRINGERS, GUARDS, RAILINGS, COLUMNS, ALL FACES, COMPLETE.
- PAINT HM DOOR & FRAME.
- PAINT NEW ENGINEERED WOOD TRIM AT HEAD & JAMBS, AND CASINGS AT FACE OF BRICK VENEER.
- INSTALL SEALANT AT DOOR FRAME PERIMETER.
- PAINT EXST ACCESS DOOR. INSTALL SEALANT AT FRAME PERIMETER.
- EXST ELECTRICAL EQUIPMENT TO REMAIN.
- REPAIR CONC FOUNDATION WALL STUCCO FINISH & PAINT TO MATCH ADJACENT.
- REPAIR CRACKS IN CONCRETE WALL W/ CRACK FILLER - PAINT FOUNDATION WALL FULL HEIGHT, ENTIRE BUILDING PERIMETER.
- PAINT EXST FOUNDATION VENT. INSTALL SEALANT AT PERIMETER OF FOUNDATION VENT.
- NEW FOUNDATION VENT TO MATCH EXST TO FILL EXST OPENING. PAINT TO MATCH EXST VENTS. INSTALL SEALANT AT PERIMETER OF FOUNDATION VENT.
- DOWNSPOUT TERMINATES AT GRADE TO MATCH EXST CONFIGURATION - SOME EMPTY ONTO SPLASHBLOCK, SOME EMPTY INTO EXST STORM PIPING.
- EXST COLUMN TO REMAIN.
- NEW EXTERIOR WALL-MOUNTED LED LIGHT FIXTURE AT LOCATION OF EXST LIGHT.
- EXST WALL SCONCES TO REMAIN.
- EXST HISTORICAL PLAQUE TO REMAIN.
- PAINT EXST WOOD DOOR, FRAME, TRIM, DECORATIVE PILASTERS, & PEDIMENT.
- PATCH & REPAIR CRACKING & DAMAGE TO PREPARE A SMOOTH SURFACE FOR FULL HEIGHT & CIRCUMFERENCE OF COLUMNS, CAPITALS, & BASES. PAINT COLUMNS, CAPITALS, & BASES.
- PAINT EXST DEFS (DIRECT APPLIED EXTERIOR FINISH SYSTEM) PORCH CEILING.
- PAINT NEW ENGINEERED WOOD PORCH CEILING.
- PAINT NEW ENGINEERED WOOD TRIM WRAPPING BEAM - EXTERIOR FACE, INTERIOR FACE, & SOFFIT.
- EXST STONE PORCH FLOOR & STAIR TREADS TO REMAIN. PROTECT DURING CONSTRUCTION.
- PAINT EXPOSED PORTION OF EXST BRICK ANGLE WHITE TO MATCH NEW WINDOWS AT ALL EXTERIOR WINDOW LOCATIONS.
- PAINT NEW ENGINEERED WOOD ENTABLATURE & TRIM WRAPPING PORCH BEAMS.
- SAW CUT 1/2" JOINT INTO STAIR TREADS, RISERS, & TOP RISER WHERE CONCRETE STAIR MEETS THE BUILDING EXTERIOR CONCRETE WALL. INSTALL BACKER ROD & SEALANT. BASIS-OF-DESIGN: TITEBOND, CONCRETE REPAIR SEALANT. INSTALL BACKER ROD TO A DEPTH THAT ALIGNS WITH THE SURFACE OF THE CONCRETE STAIR FOR TWO-SIDED ADHESION NOT THREE-SIDED ADHESION.

#### GENERAL ELEVATION NOTES

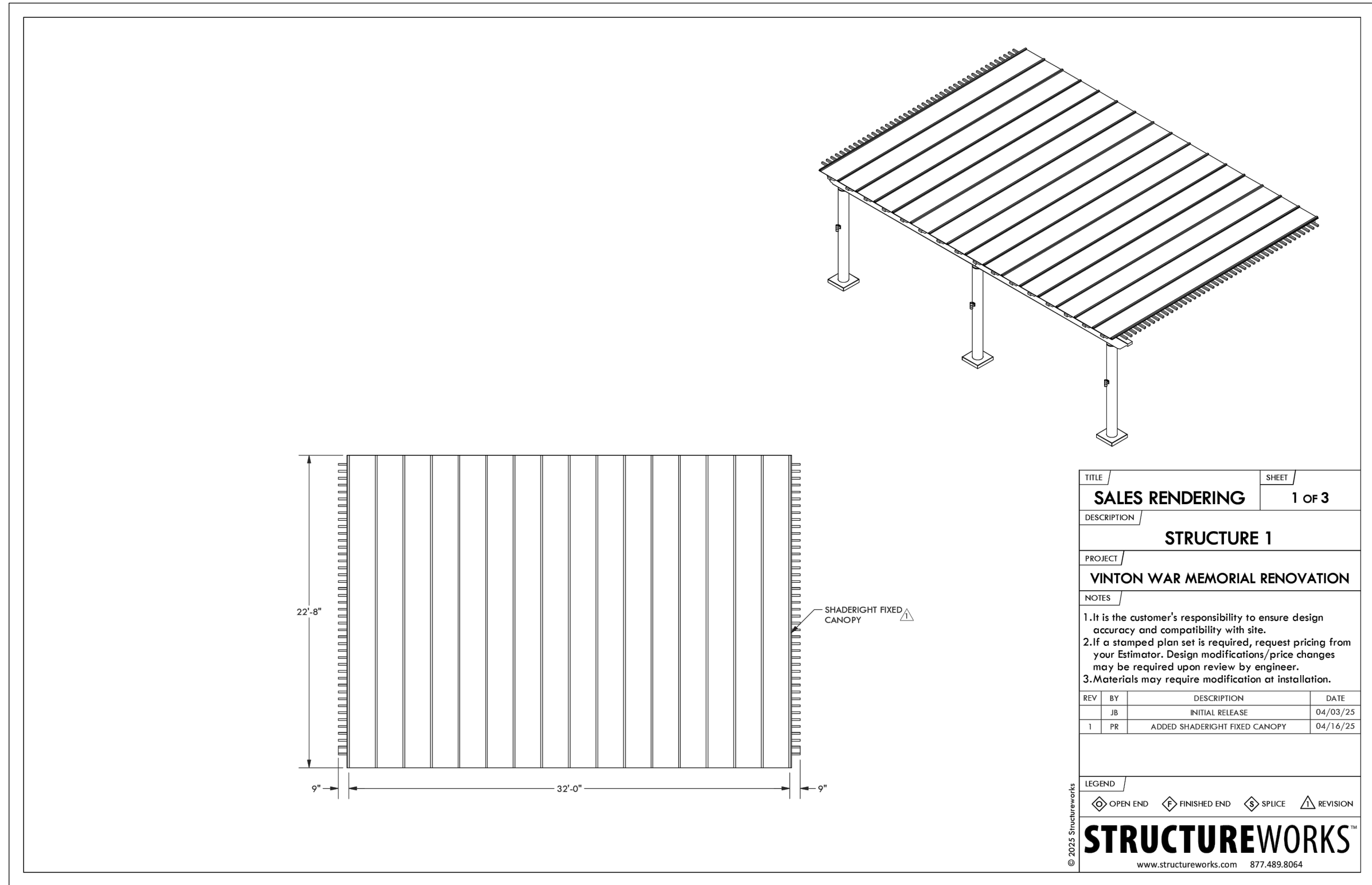
- FOR SIDING, TRIM, FASCIA, RAKES, SOFFITS, & PORCH CEILINGS, BASIS-OF-DESIGN FOR INDICATED ENGINEERED WOOD PRODUCTS SHALL BE LP, SMARTSIDE, TEXTURED SURFACES, 0.354" THICK LAP SIDING, 0.354" THICK GROOVED PANELS, 0.354" TEXTURED SOFFIT PANELS, 0.675" THICK IN VARYING WIDTHS, & ASSOCIATED ACCESSORIES, ALL COMPONENTS PRIMED FOR FIELD PAINT FINISH.
- SEE REFLECTED CEILING PLAN SHEETS FOR CAMERA SYSTEM COMPONENT LOCATIONS PROVIDED & INSTALLED BY OWNER. AT SOME LOCATIONS, GC SHALL PROVIDE INFRASTRUCTURE. SEE SPECIFICATION SECTION 27 0533.13.
- REMOVE ALL ROOFING: ASPHALT SHINGLES, METAL ROOF PANELS, & ROOF MEMBRANE SYSTEM. REMOVE ROOF DRAINAGE SYSTEM COMPLETE. REMOVE ROOF FLASHING INCLUDING STEP FLASHING AT ROOF TO BRICK WALL CONDITION. REMOVE FASCIA, SOFFIT, RAKE TRIM, COMPLETE.
- PROVIDE 2 PIECE MASONRY COUNTERFLASHING TO REPLACE ALL STEP FLASHING AT ROOF TO BRICK WALL INTERSECTION.



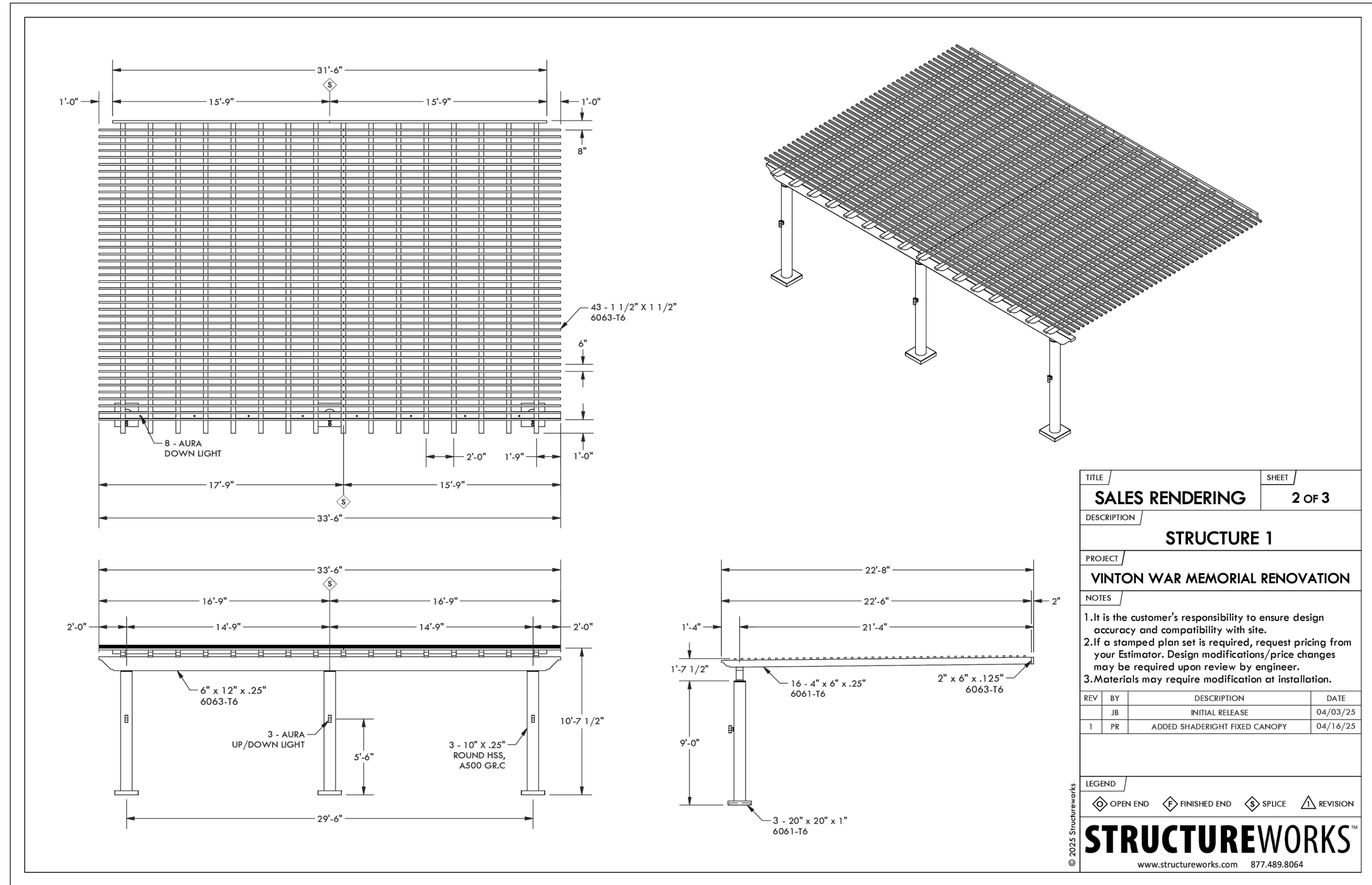
**EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



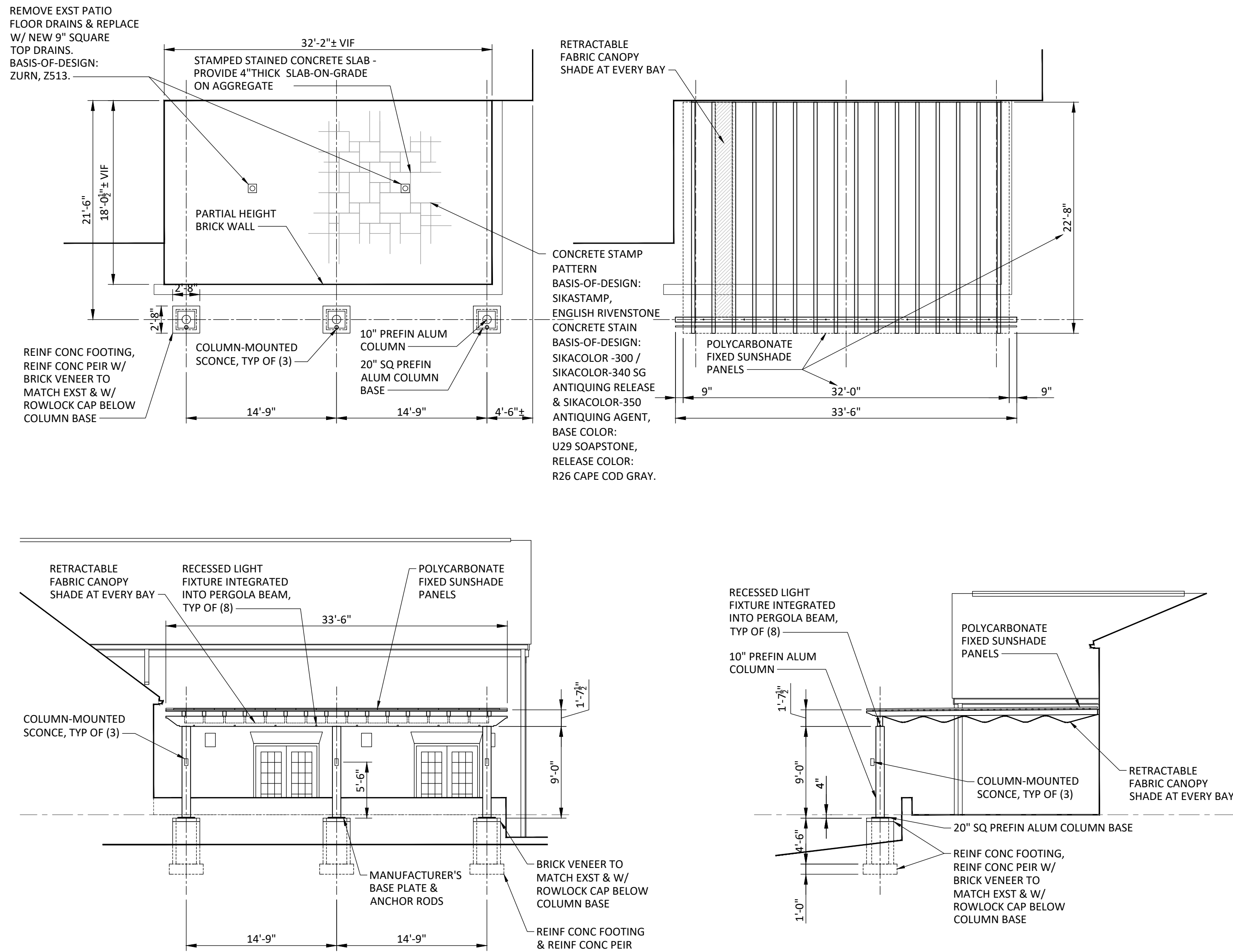
**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



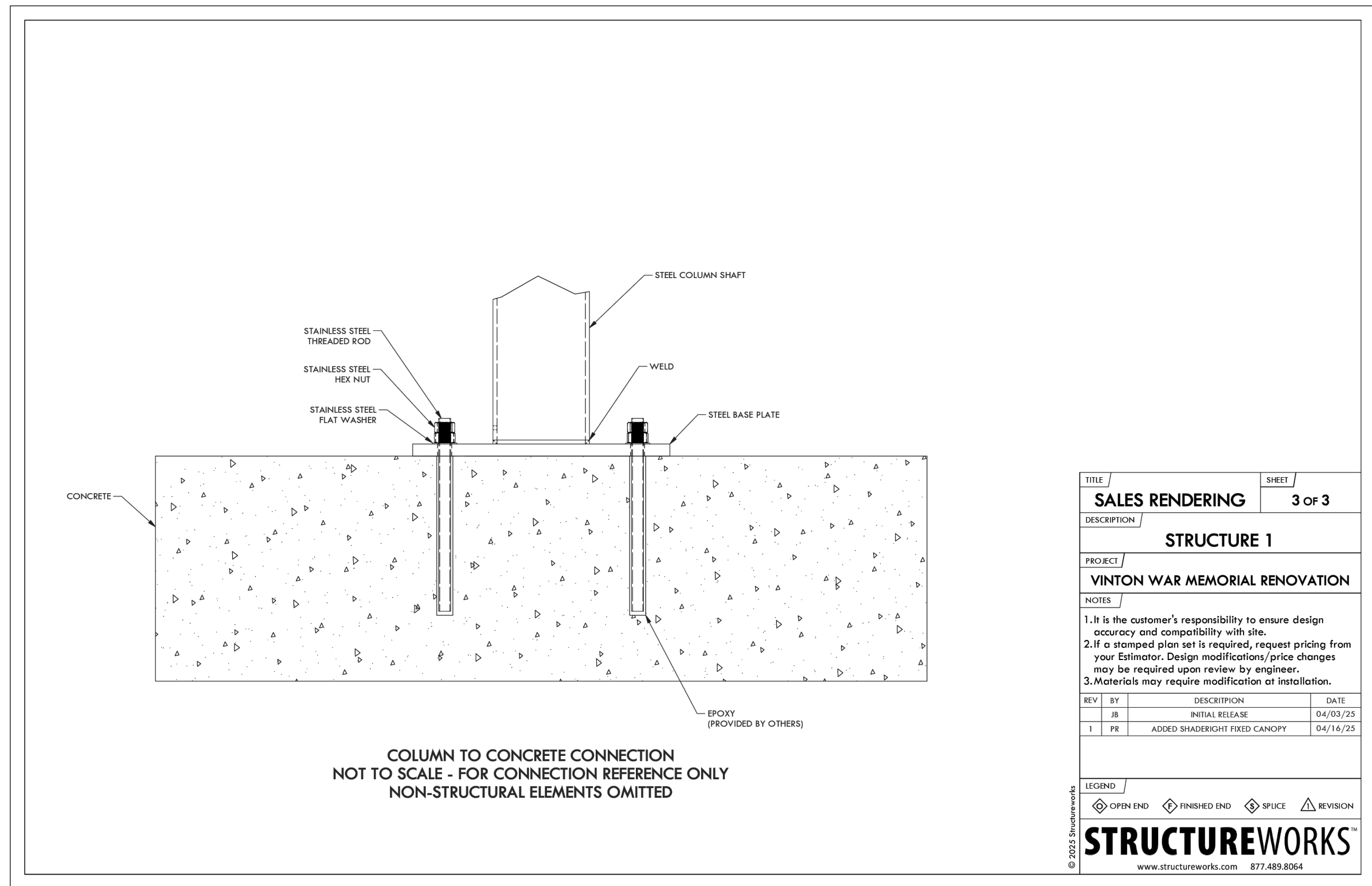
A3-3.2  
A3-3  
FIXED CANOPY PLAN - ADD ALT NO. 1  
SCALE: 1/8" = 1'-0"



A3-3.3  
A3-3  
PERGOLA PLAN - ADD ALT NO. 1  
SCALE: 1/8" = 1'-0"



A3-3.1  
A3-2  
PREFINISHED ALUMINUM PERGOLA - ADDITIVE ALTERNATE NO. 1  
SCALE: 1/4" = 1'-0"



A3-3.4  
A3-3  
ALUMINUM COLUMN DETAIL - ADD ALT NO. 1  
SCALE: NTS

DATE: SEPT 5, 2025

REVISIONS

HUGHES ASSOCIATES

ARCHITECTS & ENGINEERS

3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA 540.342.4002

Renovations to

THE VINTON WAR MEMORIAL

814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

PREFINISHED ALUMINUM PERGOLA - ADDITIVE ALTERNATE NO. 1

COMMONWEALTH OF VIRGINIA

9/5/25

ANTHONY SHAWN EMMONS

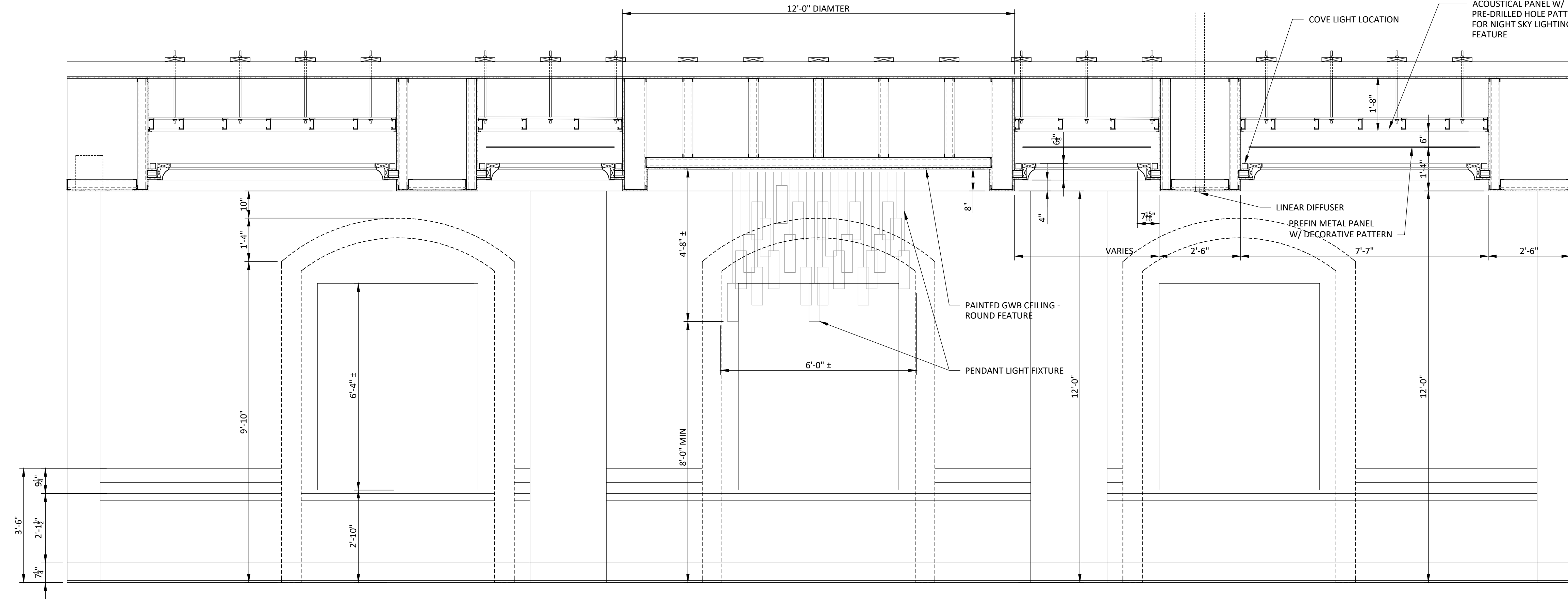
Lic. No. 014051

ARCHITECT

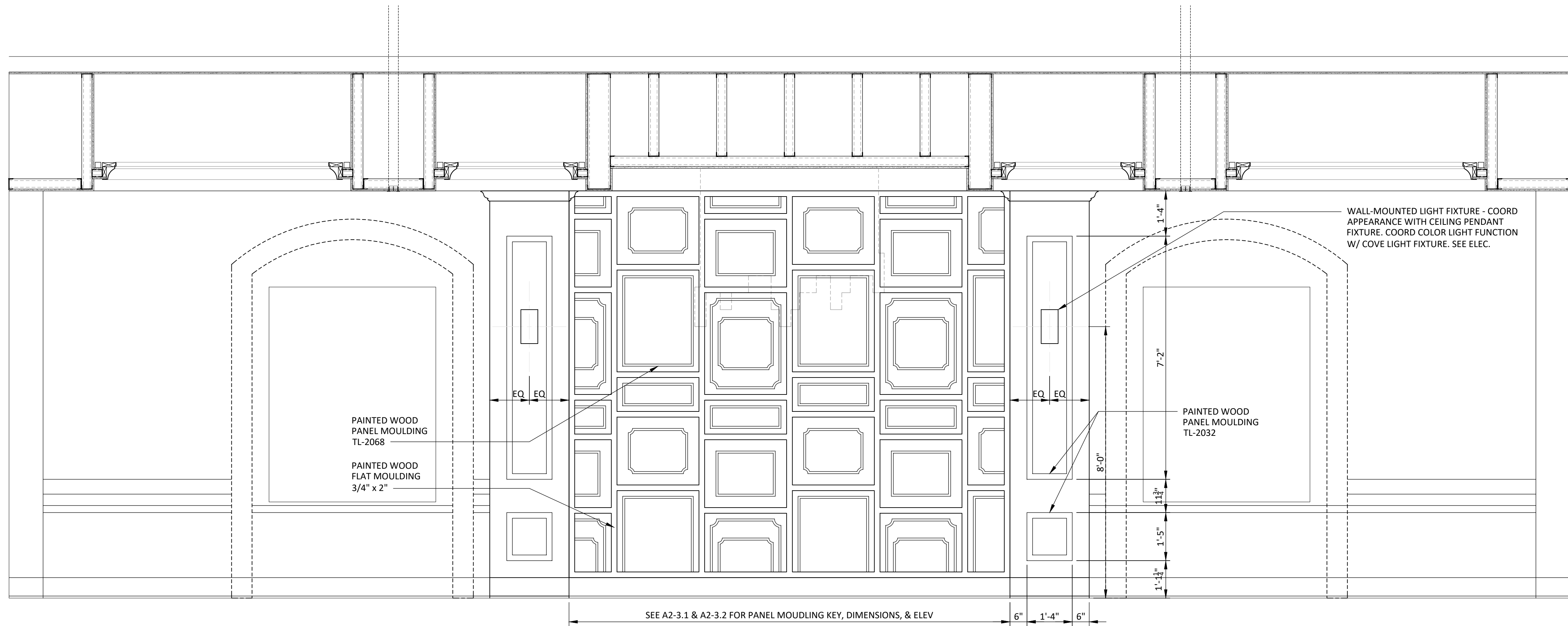
COMMISSION No. 24058.001  
SHEET A3-3  
© COPYRIGHT 2025 HUGHES ASSOCIATES ARCHITECTS & ENGINEERS A PROFESSIONAL CORPORATION



Drawing File: P:\2024\24058.001 - Vinton War Memorial - Redesign\05.0 Drawings\02. AutoCAD\Architecture\24058.001\_A5-1\_Sections.dwg 7/23/2025 8:18 PM



**BALLROOM CEILING SECTION**  
SCALE: 1/8" = 1'-0"



**BALLROOM FEATURE WALL**  
SCALE: 1/8" = 1'-0"

DATE: SEPT 5, 2025

REVISIONS  
△  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

SECTIONS

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN EMMONS  
Lic. No. 014051  
ARCHITECT

COMMISSION No.  
24058.001  
SHEET  
**A5-1**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



DATE: SEPT 5, 2025

REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002 www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

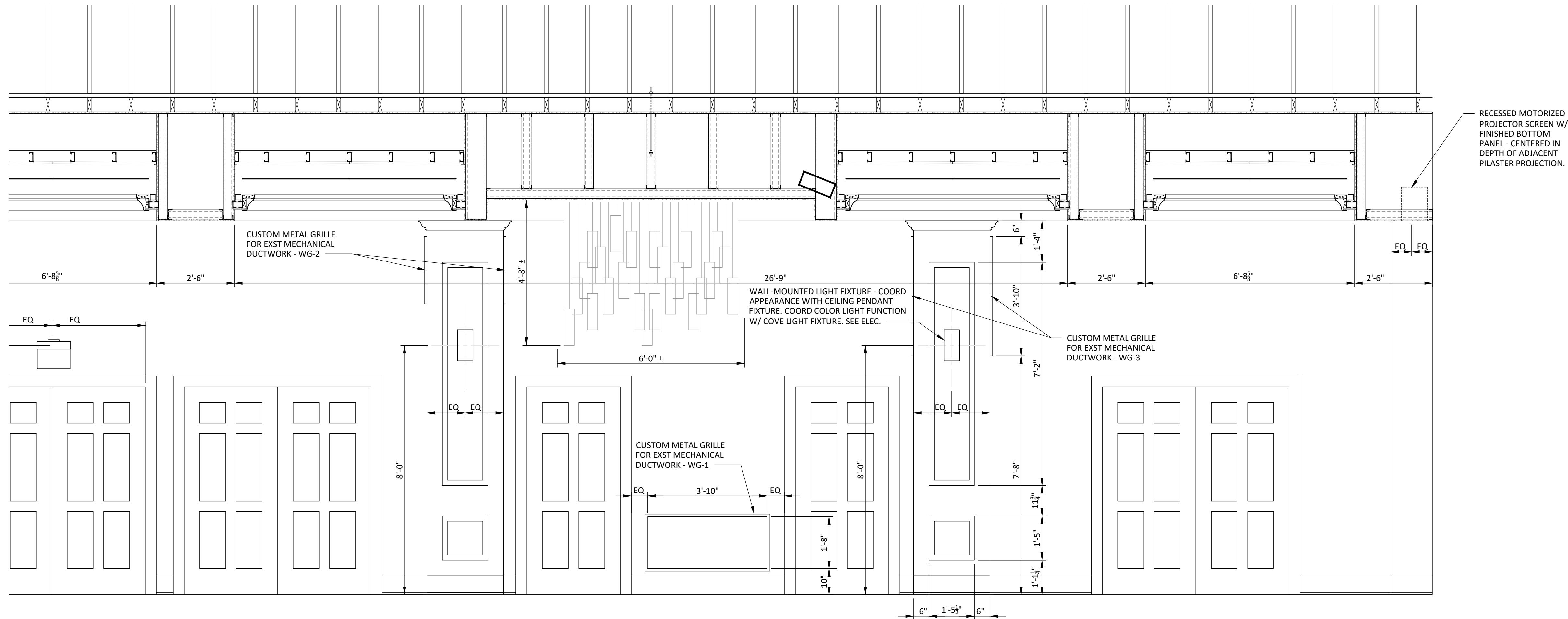
SECTIONS



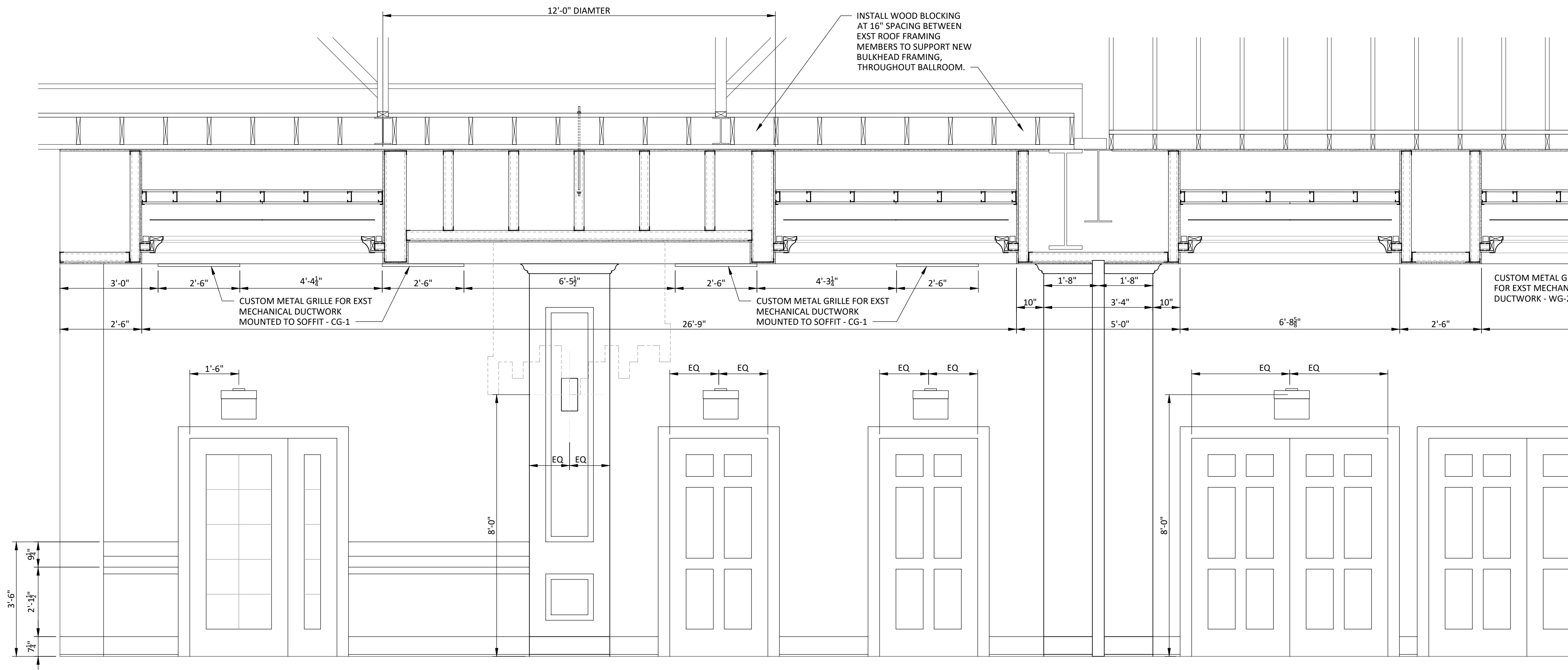
COMMISSION No.  
24058.001

SHEET  
**A5-2**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

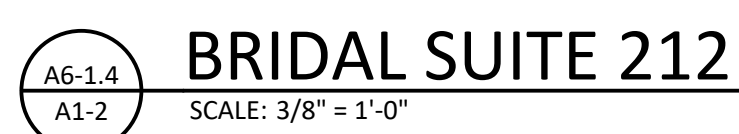
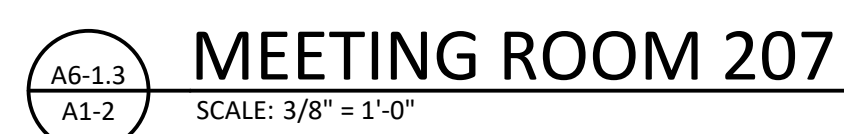
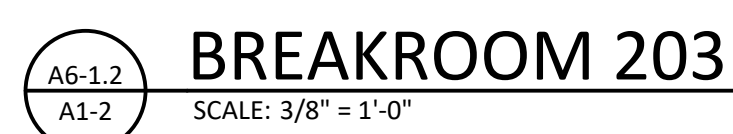
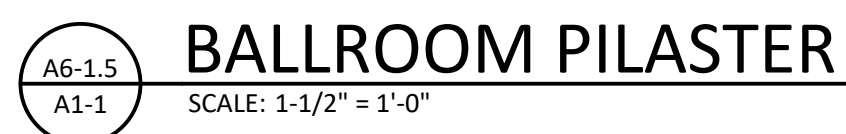
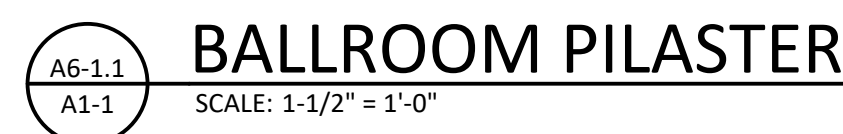


**BALLROOM CEILING LONGITUDINAL SECTION - NORTHERN HALF**  
SCALE: 1/8" = 1'-0"



**BALLROOM CEILING LONGITUDINAL SECTION - SOUTHERN HALF**  
SCALE: 1/8" = 1'-0"

Drawings File: P:\2024\24058.001 - Vinton War Memorial - Redesign\05.0 Drawings\02 AutoCAD\Architectural\A5-2 Sections.dwg 7/23/2025 8:18 PM

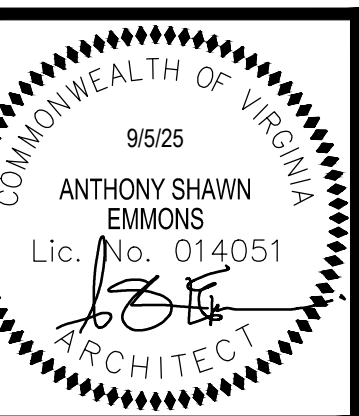


**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
[www.HughesAE.com](http://www.HughesAE.com)

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave    Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

## DETAILS



COMMISSION No.  
24058.001

SHEET  
A6-1

© COPYRIGHT 2025  
ASSOCIATES ARCHITECTS & ENGINEERS  
PROFESSIONAL CORPORATION

A7-0.1  
A7-0

# BASEMENT REFLECTED CEILING PLAN

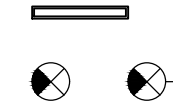
SCALE: 1/8" = 1'-0"



## LEGEND

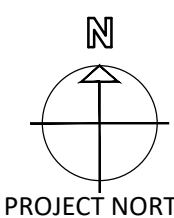
SURFACE-MOUNTED  
STRIP LIGHT FIXTURE

EXIST SIGN



## CEILING NOTES

- 1 NO EXISTING CEILING. OPEN TO STRUCTURE ABOVE.
- 2 INSTALL NEW LIGHT FIXTURES TO MATCH THE HEIGHT OF THE EXISTING FIXTURES.
- 3 INSTALL NEW EXIT SIGNS TO MATCH THE HEIGHT OF THE EXISTING EXIT SIGNS.
- 4 CEILING-MOUNTED INDOOR DOME CAMERA ATTACHED TO OPEN STRUCTURE ABOVE - NIC. NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.



DATE: SEPT 5, 2025

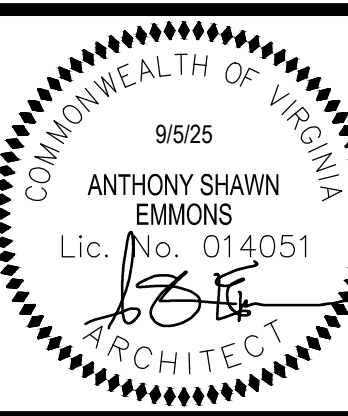
REVISIONS  
△  
△  
△  
△  
△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

BASEMENT  
REFLECTED  
CEILING PLAN



COMMISSION No.  
24058.001  
SHEET  
**A7-0**

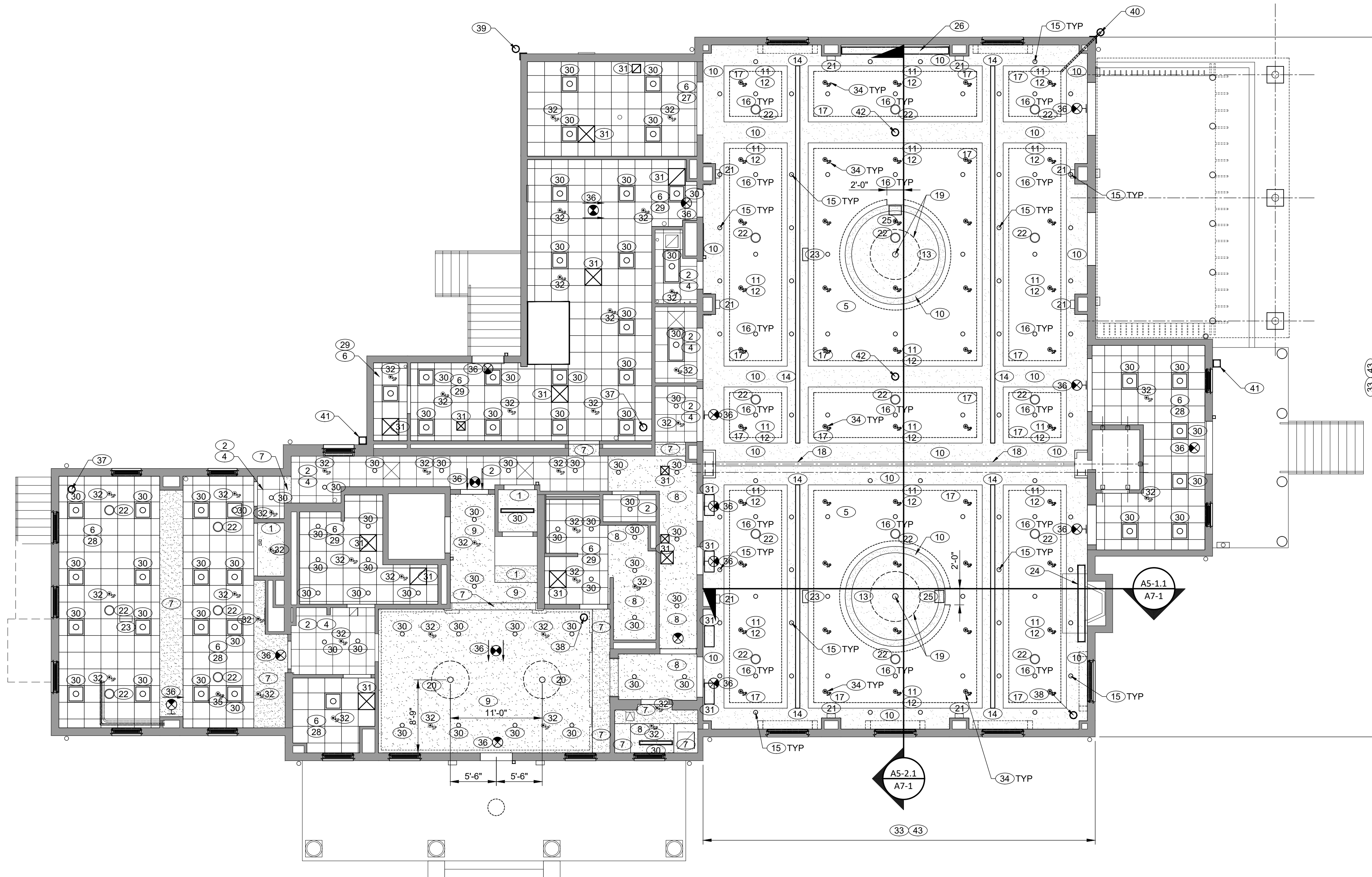
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



- CEILING NOTES**
- 37 CEILING-MOUNTED INDOOR DOME CAMERA ATTACHED TO ACT ABOVE - NIC. NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.
- 38 CEILING-MOUNTED INDOOR DOME CAMERA ATTACHED TO GWB ABOVE - NIC. NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.
- 39 CORNER-MOUNTED MULTI-SENSOR CAMERA - NIC NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.
- 40 CORNER-MOUNTED MULTI-SENSOR CAMERA AT 8'-6" AFF - NIC. GC SHALL PROVIDE ROUGH-IN WITH CONDUIT THROUGH WALL INTO PILSATER FRAMING THEN UP TO ABOVE BALLROOM CEILING THEN OVER PAST FACE OF BULKHEAD.
- 41 WALL-MOUNTED OUTDOOR DOME CAMERA - NIC NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.
- 42 CEILING-MOUNTED INDOOR FISHEYE CAMERA ATTACHED TO GWB ABOVE - NIC. NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED.
- 43 FOR ENTIRE BALLROOM PROVIDE R-49 BATT INSULATION IN ATTIC AT TRUSS BOTTOM CHORD/ CEILING JOISTS.

- LEGEND**
- 2x2 ACT CEILING (ACT-1 & ACT-2)
- GWB CEILING, BULKHEAD, & SOFFIT
- 2x4 LIGHT FIXTURE - SEE ELEC
- 2x2 LIGHT FIXTURE - SEE ELEC
- RECESSED LIGHT FIXTURE - SEE ELEC
- SURFACE-MOUNTED STRIP LIGHT FIXTURE
- SUPPLY DIFFUSER - SEE MECH
- RETURN GRILLE - SEE MECH
- EXIST SIGN

- CEILING NOTES**
- 1 EXISTING HARD CEILING TO REMAIN. PAINT ENTIRE CEILING.
- 2 EXISTING ACT CEILING TILES & GRID TO REMAIN.
- 3 WHERE EXST HARD CEILING, NOT SCHEDULED TO BE REPLACED, HAS BEEN PARTIALLY OR FULLY REMOVED TO FACILITATE ABOVE-CEILING TRADE WORK, INSTALL NEW GWB CEILING COMPLETE, AND FINISH & PAINT TO MATCH EXISTING. APPLIES TO PLASTER CEILING AT BOTTOM OF FRAMING ABOVE FINISHED CEILING.
- 4 WHERE EXST ACT CEILING, NOT SCHEDULED TO BE REPLACED, HAS BEEN PARTIALLY OR FULLY REMOVED TO FACILITATE ABOVE-CEILING TRADE WORK, RE-INSTALL EXISTING SALVAGED CEILING SYSTEM TO MATCH ORIGINAL CONDITION. WHERE THE REMOVED & SALVAGED COMPONENTS ARE DAMAGED, REPLACE WITH NEW COMPONENTS TO MATCH THE EXISTING.
- 5 INSTALL NEW GWB CEILING AT THE BOTTOM OF EXISTING STRUCTURE TO REPLACE THE EXISTING HARD CEILING REMOVED. AS THIS HARD CEILING IS NOT THE FINISHED CEILING & IS NECESSARY TO MAINTAIN THE BUILDING ENVELOPE AT THE BOTTOM OF THE ATTIC SPACE, PROVIDE A LEVEL 1 FINISH, MINIMUM.
- 6 INSTALL NEW ACT CEILING TILES & GRID. WHERE FEASIBLE UTILIZE EXISTING ACT CEILING SUSPENSION COMPONENTS. WHERE NOT FEASIBLE PROVIDE NEW SUSPENSION COMPONENTS & ATTACH TO EXST STRUCTURE.
- 7 EXST PAINTED GWB BULKHEAD TO REMAIN. PAINT ENTIRE BULKHEAD.
- 8 PAINTED GWB CEILING - INSTALL TO MATCH EXST CEILING HEIGHT AT 7'-6" AFF.
- 9 PAINTED GWB CEILING - INSTALL TO MATCH EXST CEILING HEIGHT AT 9'-4" AFF.
- 10 PAINTED GWB BULKHEAD AT 12'-0" AFF.
- 11 PREFINISHED 1/8" METAL PANEL W/ CUSTOM DOGWOOD PATTERN AT 13'-4" AFF - SUSPENDED BY CABLES FROM STRUCTURE ABOVE.
- 12 3/4" ACOUSTICAL PANEL W/ CUSTOM HOLE PATTERN AT 13'-10" AFF - SCREW-ATTACHED TO STRUCTURE ABOVE.
- 13 PAINTED GWB CEILING AT 12'-8" AFF.
- 14 LINEAR DIFFUSER - CENTER IN BULKHEAD WIDTH. SEE MECH.
- 15 RECESSED LIGHT FIXTURE IN GWB BULKHEAD. SEE ELEC.
- 16 RECESSED LIGHT FIXTURE IN ACOUSTICAL PANEL. SEE ELEC.
- 17 COVE LIGHT FIXTURE AT FACE OF BULKHEAD IN COVE TRIM - SEE ELEC.
- 18 OPERABLE PARTITION CEILING TRACK - MOUNT AT GWB BULKHEAD CENTERED ON & ATTACHED TO EXST STEEL BEAM ABOVE.
- 19 CUSTOM BALLROOM PENDANT LIGHT FIXTURE - SEE SPECIFICATION SECTION 01 2100 ALLOWANCES.
- 20 CUSTOM LOBBY PENDANT LIGHT FIXTURE - SEE SPECIFICATION SECTION 01 2100 ALLOWANCES.
- 21 BALLROOM PILASTER WALL SCONCE LIGHT FIXTURE BELOW - SEE SPECIFICATION SECTION 01 2100 ALLOWANCES.
- 22 REINSTALL SALVAGED SPEAKERS IN ACOUSTICAL PANELS. MAINTAIN OPERABILITY, CONTROLS, & FEATURES OF EXISTING SYSTEM. VERIFY COMPLETE FUNCTIONALITY AFTER SPEAKER INSTALLATION. MODIFY EXST SYSTEM OPERATION TO PROVIDE SIMULTANEOUS SEPARATE OPERATION OF SPEAKERS IN BALLROOM 109 FROM SPEAKERS IN BALLROOM 112 FOR INDEPENDENT USE BY BOTH SIDES WHEN OPERABLE PARTITION IS DEPLOYED. SYSTEM SHOULD FUNCTION AS ONE UNIFIED SYSTEM WHEN OPERABLE PARTITION DOES NOT DIVIDE THE ROOM. EXST CONTROLS ARE LOCATED IN ROOM 113. LOCATE NEW CONTROLS ADJACENT TO EXST.
- 23 REINSTALL SALVAGED WIRELESS ACCESS POINT. COORD INSTALLATION & LOCATION W/ OWNER'S IT STAFF.
- 24 REINSTALL SALVAGED MOTORIZED PROJECTOR SCREEN IN THE SAME LOCATION.
- 25 REINSTALL SALVAGED CEILING PROJECTORS RECESSED INTO THE VERTICAL FACE OF ROUND BULKHEAD/ CEILING FEATURE. EXTEND POWER TO NEW LOCATION & RECONNECT. INTERRUPT COVE FEATURE AT PROJECTOR RECESS.
- 26 INSTALL NEW MOTORIZED PROJECTOR SCREEN TO REPLACE EXST - MODEL: DALITE, DL15036L, 153.75" W x 96" H. RECONNECT TO EXST POWER.
- 27 ACT-1 AT 8'-0" AFF.
- 28 ACT-1 AT 9'-0" AFF.
- 29 ACT-2 AT 8'-6" AFF.
- 30 NEW LIGHT FIXTURES IN NEW CEILING.
- 31 NEW MECHANICAL DEVICES IN NEW CEILING.
- 32 EXST SPRINKLER HEAD TO REMAIN.
- 33 UNPAINTED GWB AT BOTTOM OF EXST STRUCTURE (APPROX 15'-4", NOT FINISHED, METAL & ACOUSTICAL FINISHED PANELS BELOW)
- 34 NEW SPRINKLER HEAD CONFIGURATION IN BALLROOM TO COORDINATE W/ NEW CEILING LAYOUT - PROVIDE AS A DELEGATED DESIGN PER SPECIFICATION SECTION 21 1300.
- 35 RELOCATE SPRINKLER HEAD TO COORDINATE W/ NEW LIGHTING LAYOUT.
- 36 INSTALL NEW EXIT SIGNS TO MATCH THE HEIGHT OF THE EXISTING EXIT SIGNS.



A7-1.1  
A7-1

**FIRST FLOOR REFLECTED CEILING PLAN**

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

DATE: SEPT 5, 2025

REVISIONS

△	
△	
△	
△	
△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

**Renovations to**  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**FIRST FLOOR  
REFLECTED  
CEILING PLAN**

COMMONWEALTH OF VIRGINIA  
9/5/25  
ANTHONY SHAWN EMMONS  
Lic. No. 014051  
ARCHITECT

COMMISSION No.  
24058.001  
SHEET  
**A7-1**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

REVISIONS	△	
	△	
	△	
	△	
	△	

**LEGEND**

2x2 ACT CEILING  
(ACT-1 & ACT-2)

GWB CEILING, BULKHEAD, & SOFFIT

2x4 LIGHT FIXTURE - SEE ELEC

2x2 LIGHT FIXTURE - SEE ELEC

RECESSED LIGHT FIXTURE - SEE ELEC

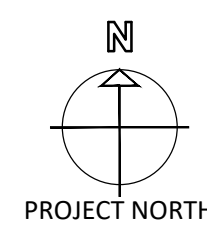
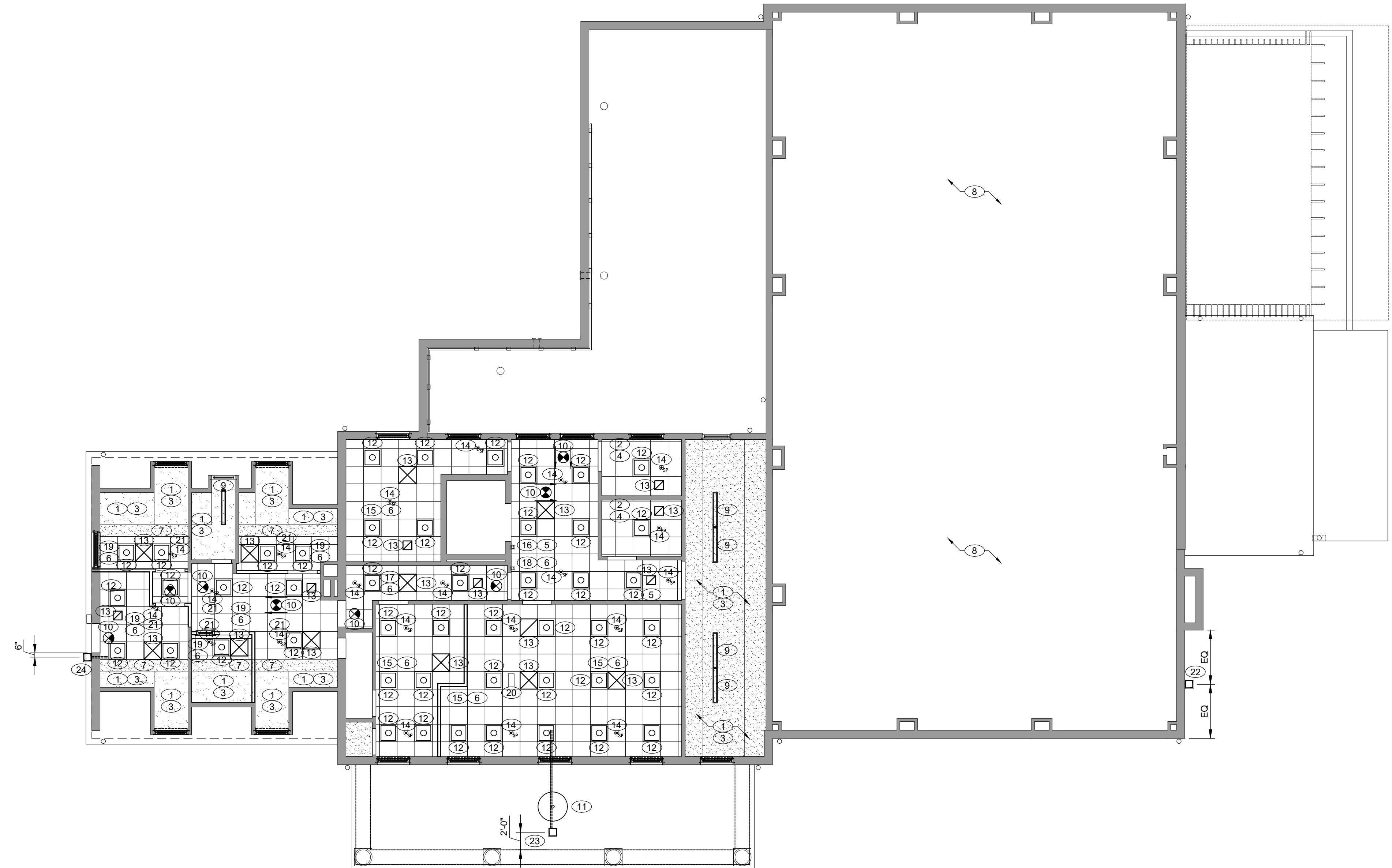
SURFACE-MOUNTED STRIP LIGHT FIXTURE

SUPPLY DIFFUSER - SEE MECH

RETURN GRILLE - SEE MECH

EXIST SIGN

- CEILING NOTES**
- EXISTING HARD CEILING TO REMAIN. PAINT ENTIRE CEILING.
  - EXISTING ACT CEILING TILES & GRID TO REMAIN.
  - WHERE EXST HARD CEILING, NOT SCHEDULED TO BE REPLACED, HAS BEEN PARTIALLY OR FULLY REMOVED TO FACILITATE ABOVE-CEILING TRADE WORK, INSTALL NEW GWB CEILING COMPLETE, AND FINISH & PAINT TO MATCH EXISTING.
  - WHERE EXST ACT CEILING, NOT SCHEDULED TO BE REPLACED, HAS BEEN PARTIALLY OR FULLY REMOVED TO FACILITATE ABOVE-CEILING TRADE WORK, RE-INSTALL EXISTING SALVAGED CEILING SYSTEM TO MATCH ORIGINAL CONDITION. WHERE THE REMOVED & SALVAGED COMPONENTS ARE DAMAGED, REPLACE WITH NEW COMPONENTS TO MATCH THE EXISTING.
  - INSTALL NEW GWB CEILING AT THE BOTTOM OF EXISTING STRUCTURE TO REPLACE THE EXISTING HARD CEILING REMOVED. AS THIS HARD CEILING IS NOT THE FINISHED CEILING & IS NECESSARY TO MAINTAIN THE BUILDING ENVELOPE AT THE BOTTOM OF THE ATTIC SPACE, PROVIDE A LEVEL 1 FINISH, MINIMUM.
  - INSTALL NEW ACT CEILING TILES & GRID, WHERE FEASIBLE UTILIZE EXISTING ACT CEILING SUSPENSION COMPONENTS. WHERE NOT FEASIBLE PROVIDE NEW SUSPENSION COMPONENTS & ATTACH TO EXST STRUCTURE.
  - EXST PAINTED GWB BULKHEAD TO REMAIN. PAINT ENTIRE BULKHEAD.
  - SEE SHEET A7-1 FIRST FLOOR REFLECTED CEILING PLAN FOR BALLROOM CEILING INFORMATION.
  - INSTALL NEW LIGHT FIXTURES TO MATCH THE HEIGHT OF THE EXISTING FIXTURES.
  - INSTALL NEW EXIT SIGNS TO MATCH THE HEIGHT OF THE EXISTING EXIT SIGNS.
  - INSTALL CEILING-MOUNTED EXTERIOR LIGHT FIXTURE CENTERED BOTH DIRECTIONS AT PORCH CEILING. COORD W/ NEW PAINTED FIBER CEMENT PORCH CEILING INSTALLATION.
  - NEW LIGHT FIXTURES IN NEW CEILING.
  - NEW MECHANICAL DEVICES IN NEW CEILING.
  - EXST SPRINKLER HEAD TO REMAIN.
  - ACT-1 AT 8'-10" AFF.
  - UNPAINTED GWB AT 8'-10" AFF. (NOT FINISHED CEILING; ACT BELOW.)
  - ACT-1 AT 8'-6" AFF.
  - ACT-1 AT 8'-4" AFF.
  - ACT-1 AT 7'-6" AFF.
  - REINSTALL SALVAGED CEILING-MOUNTED WIRELESS ACCESS POINT.
  - FOR SPRINKLER HEADS IN SECOND FLOOR OFFICE SUITE, MODIFY EXISTING HEAD LOCATIONS TO PROVIDE PROPER COVERAGE. MAKE THESE ADJUSTMENTS AS A DELEGATED DESIGN PER SPECIFICATION SECTION 21.1300. COORD THE RELOCATION OF SPRINKLER HEADS PRIOR TO INSTALLATION OF ELECTRICAL & MECHANICAL WORK.
  - WALL-MOUNTED MULTI-SENSOR CAMERA - NIC NO ROUGH-IN. NO INFRASTRUCTURE REQUIRED. ACCESS THROUGH ATTIC SPACE. INSTALLATION HEIGHT SHALL BE TIGHT TO BOTTOM OF EXST RAFTER.
  - CEILING-MOUNTED MULTI-SENSOR CAMERA - NIC GC SHALL PROVIDE ROUGH-IN WITH DEVICE BOX & CONDUIT ABOVE PORCH CEILING TO TERMINATE INSIDE ABOVE SECOND FLOOR ACT CEILING.
  - WALL-MOUNTED MULTI-SENSOR CAMERA - NIC GC SHALL PROVIDE ROUGH-IN WITH DEVICE BOX & CONDUIT THROUGH WALL AT A HEIGHT TO TERMINATE INSIDE ABOVE SECOND FLOOR ACT CEILING.





SCALE: 1/4" = 1'-0"



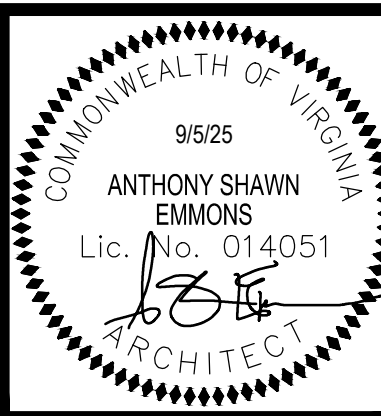
REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

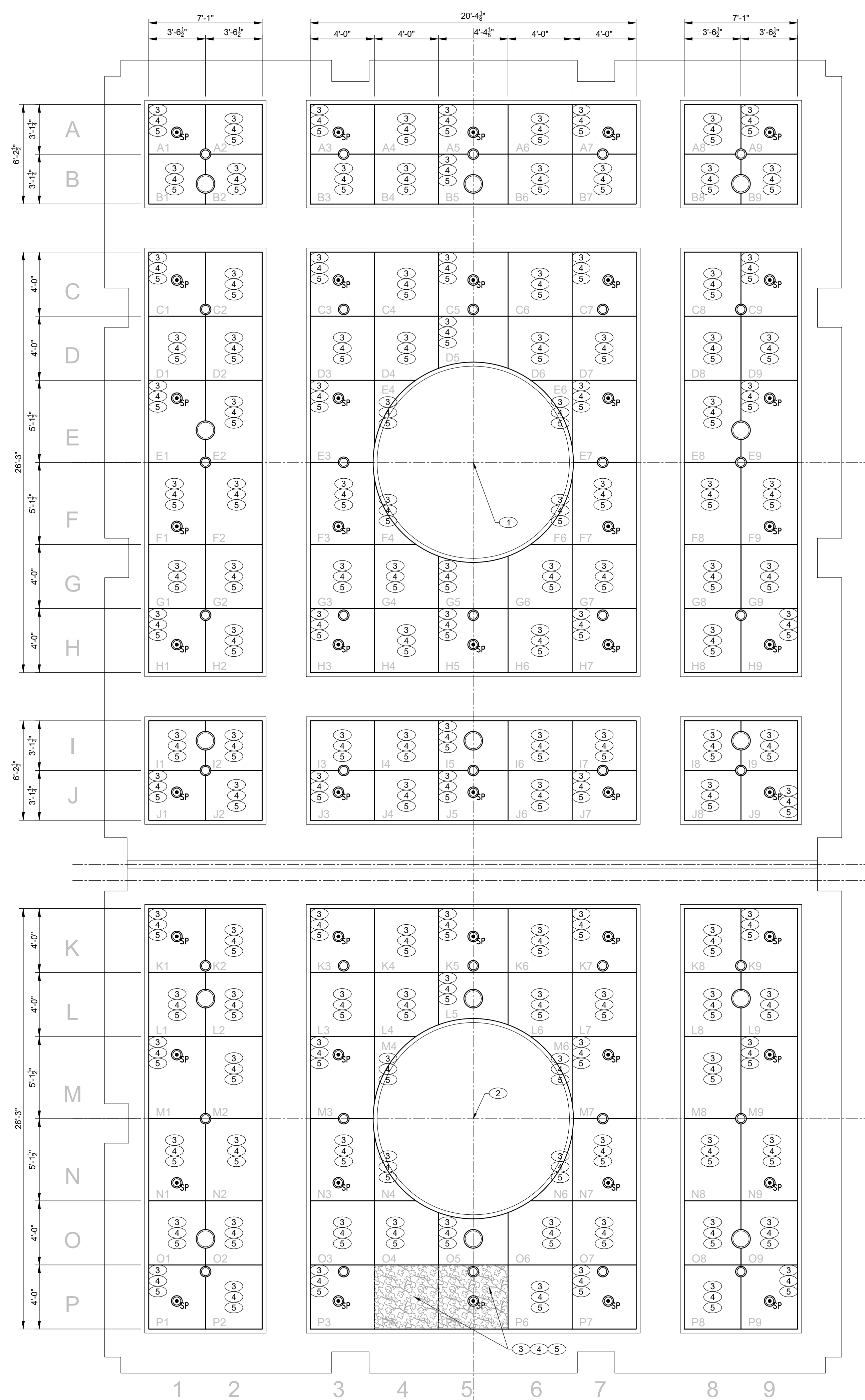
Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

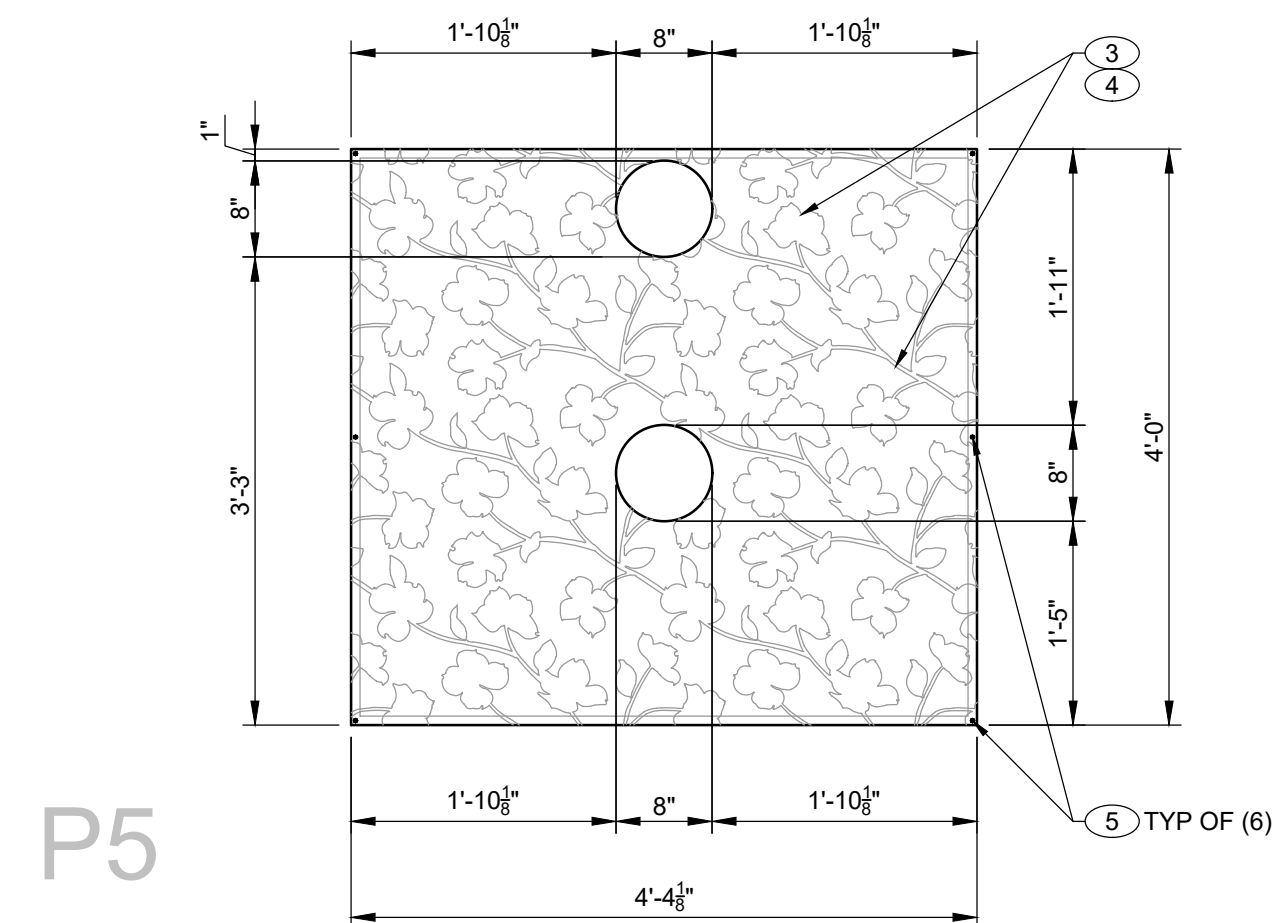
**BALLROOM  
CEILING  
METAL PANEL  
LAYOUT**



COMMISSION No.  
24058.001  
SHEET  
**A7-4**  
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

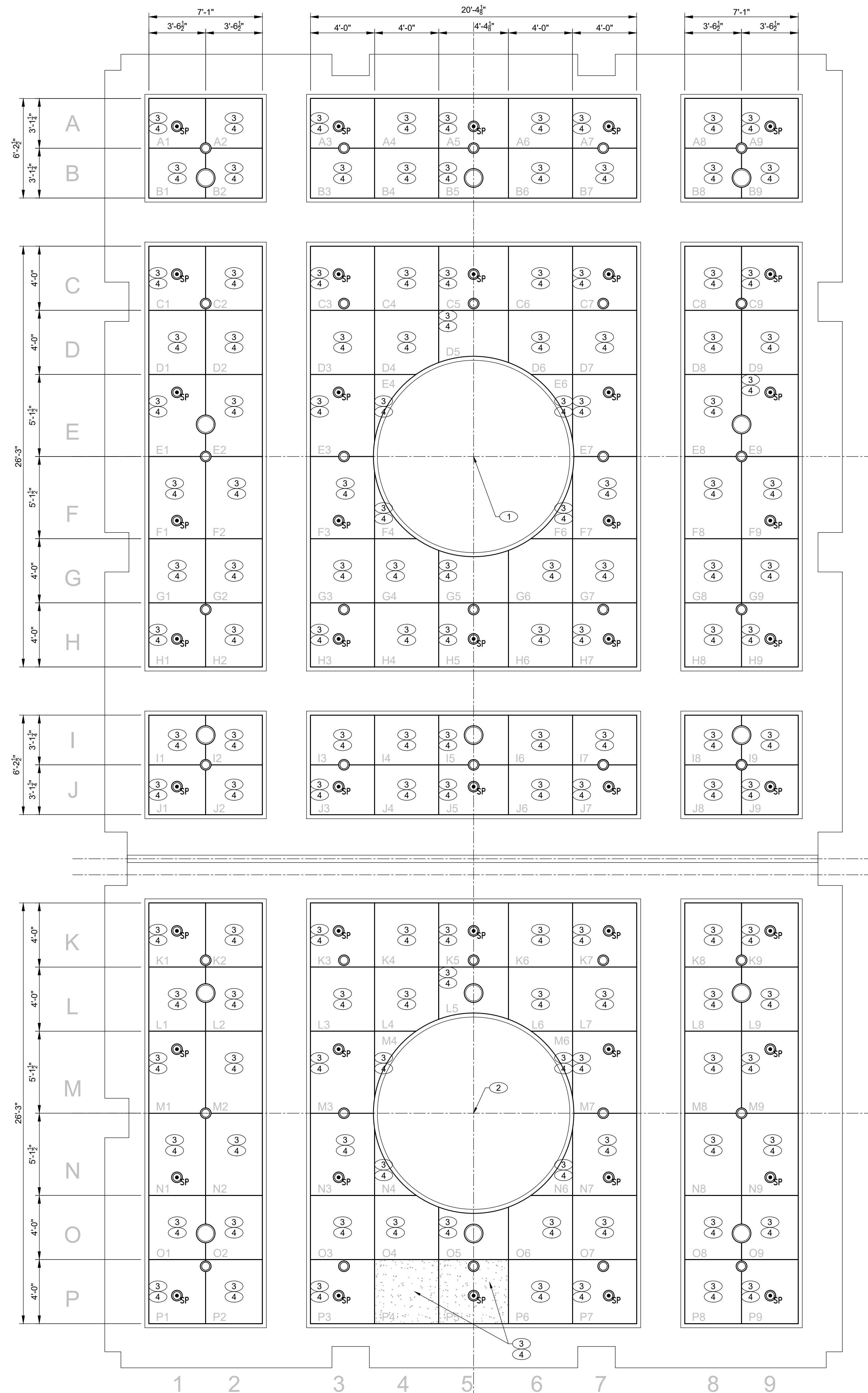


- CEILING NOTES**
- 1 CENTER POINT OF NORTH BALLROOM 112. ALL CEILING DIMENSIONAL LAYOUTS IN 112 ORIGINATE FROM THIS POINT.
  - 2 CENTER POINT OF SOUTH BALLROOM 109. ALL CEILING DIMENSIONAL LAYOUTS IN 109 ORIGINATE FROM THIS POINT.
  - 3 1/8" PREFINISHED METAL PANEL W/ CUSTOM PATTERN SUSPENDED FROM STRUCTURE/ UNISTRUT SUPPORTS ABOVE BY CABLE SYSTEM.  
ALL METAL PANELS SHALL BE OWNER-FURNISHED, CONTRACTOR-INSTALLED.  
BASIS-OF-DESIGN: COLOR SOFT GOLD BY RENAISSANCE LIGHTING, ROANOKE VA  
CONTACT: TROY COOK, PRESIDENT, 540 342-1548.
  - 4 METAL PANELS - PROVIDE SIZES INDICATED W/ CUSTOM "DOGWOOD" PATTERN & ROUND CUTOUTS FOR CEILING DEVICES. SHOP FABRICATED NOT FIELD CUT.  
ALL METAL PANELS SHALL BE OWNER-FURNISHED, CONTRACTOR-INSTALLED.
  - 5 CABLE SUPPORT SYSTEM SHALL CONSIST OF 3/32" 7x7 GALVANIZED STEEL CABLE W/ GR SERIES CABLE GRIPPER CONNECTOR THAT IS ADJUSTABLE WITH SIDE EXIT. PROVIDE SIX POINTS OF CONNECTION FOR EACH PANEL, ONE AT EACH CORNER, & ONE AT THE MIDPOINT OF TWO OPPOSING SIDES. GRIPPER SHALL BE INTEGRATED INTO THE METAL PANELS/ SHOP FABRICATED PRIOR TO APPLICATION OF METAL PANEL FINISH. BASIS-OF-DESIGN PRODUCT BY PENDANT SYSTEMS. WWW.PENDANTSYSTEMS.COM  
ALL CABLES & CABLE CONNECTORS SHALL BE OWNER-FURNISHED, CONTRACTOR-INSTALLED.



**TYPICAL METAL PANEL**  
SCALE: 1/8" = 1'-0"

**METAL PANEL LAYOUT**  
SCALE: 1/8" = 1'-0"



- CEILING NOTES**
- 1 CENTER POINT OF NORTH BALLROOM 112.  
ALL CEILING DIMENSIONAL LAYOUTS IN 112 ORIGINATE FROM THIS POINT.
  - 2 CENTER POINT OF SOUTH BALLROOM 109.  
ALL CEILING DIMENSIONAL LAYOUTS IN 109 ORIGINATE FROM THIS POINT.
  - 3 3/4" ACOUSTICAL PANELS - SCREW ATTACH TO LIGHT GAGE FRAMING ABOVE AT 12" SPACING.  
ALL ACOUSTICAL PANELS SHALL BE  
OWNER-FURNISHED, CONTRACTOR-INSTALLED.  
BASIS-OF-DESIGN: COLOR 170 SMOKE GRAY BY RENAISSANCE LIGHTING, ROANOKE VA  
CONTACT: TROY COOK, PRESIDENT, 540 342-1548.
  - 4 ACOUSTICAL PANELS - PROVIDE SIZES INDICATED W/ CUSTOM HOLE PATTERN & ROUND CUTOUTS FOR CEILING DEVICES, SHOP FABRICATED NOT FIELD CUT.  
ALL ACOUSTICAL PANELS SHALL BE  
OWNER-FURNISHED, CONTRACTOR-INSTALLED.

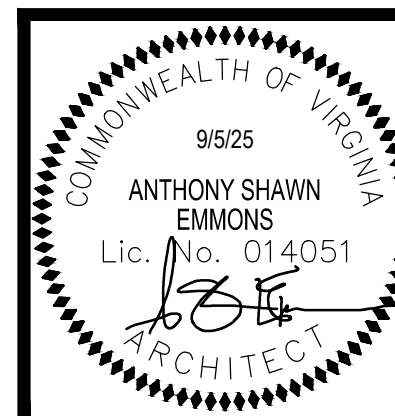
DATE:	SEPT 5, 2025
REVISIONS	
△	
△	
△	
△	
△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**BALLROOM  
CEILING  
ACOUSTICAL  
PANEL LAYOUT**



COMMISSION No.  
24058.001  
SHEET  
**A7-5**



DATE: SEPT 5, 2025

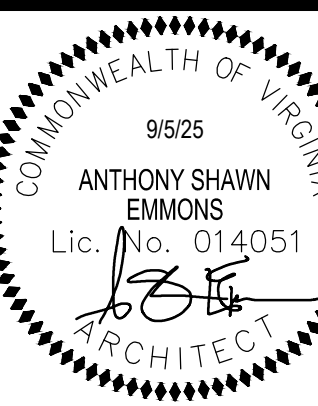
REVISIONS	△
	△
	△
	△
	△

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

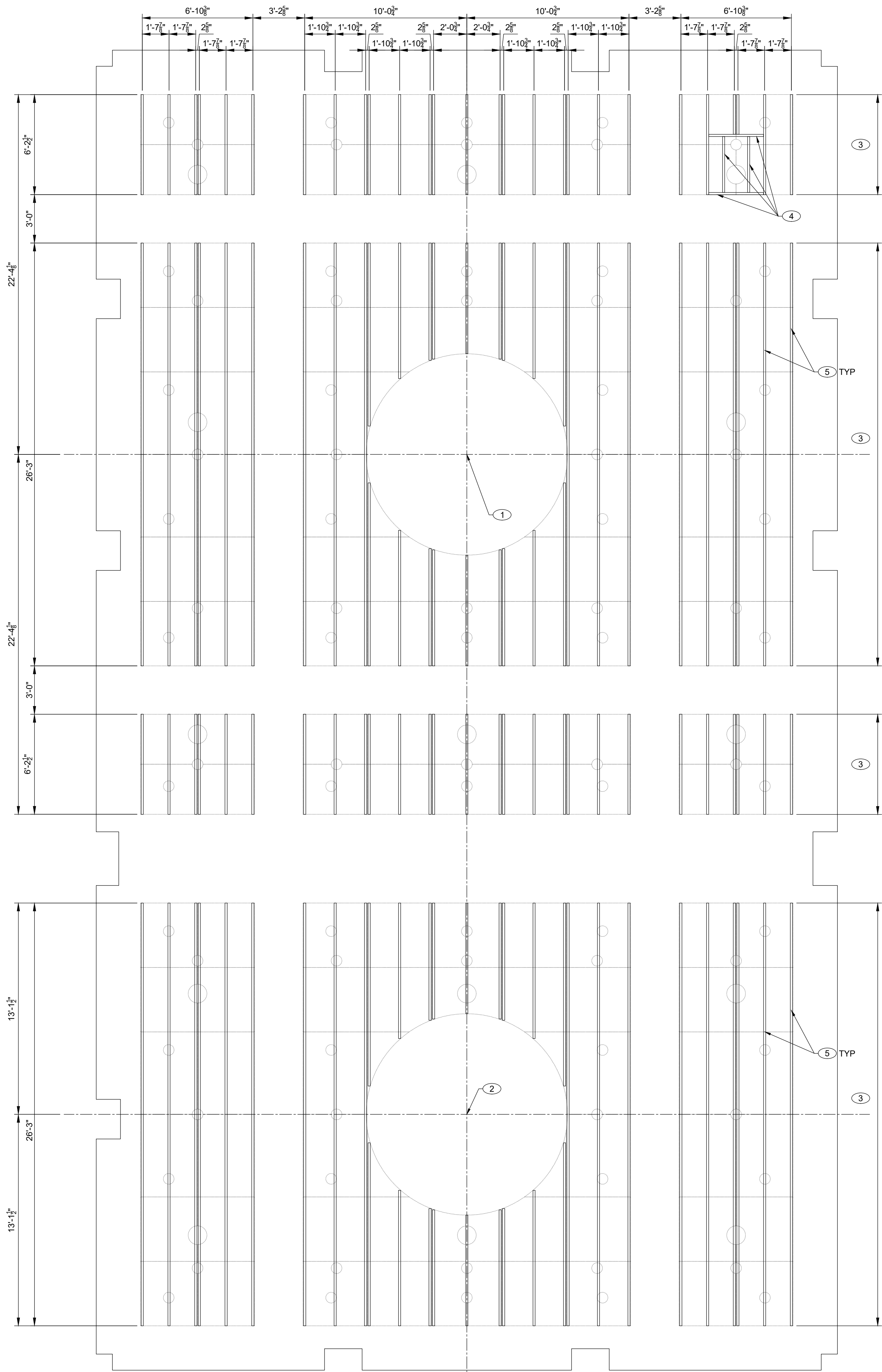
DRAWN BY: ASE  
CHECKED BY: ASE

**BALLROOM  
CEILING  
PANEL  
FRAMING  
LAYOUT**



COMMISSION No.  
24058.001  
SHEET  
**A7-6**

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



- CEILING NOTES**
- 1 CENTER POINT OF NORTH BALLROOM 112. ALL CEILING DIMENSIONAL LAYOUTS IN 112 ORIGINATE FROM THIS POINT.
  - 2 CENTER POINT OF SOUTH BALLROOM 109. ALL CEILING DIMENSIONAL LAYOUTS IN 109 ORIGINATE FROM THIS POINT.
  - 3 3-5/8" METAL STUD FRAMING AT INDICATED SPACING. ANCHOR AT THE BOTTOM OF UNISTRUT SUPPORTS W/ UNISTRUT BEAM CLAMPS AT EVERY INTERSECTION WHERE FRAMING MEMBERS CROSS UNISTRUT. ALL FRAMING SHALL BE 20 GA.
  - 4 LADDER FRAME AROUND CEILING DEVICES TO INCLUDE RECESSED LIGHT FIXTURES, RECESSED SPEAKER HOUSINGS, & SPRINKLER HEADS AS NECESSARY TO ACCOMMODATE THESE TYPES OF FEATURES WHILE PROVIDING SOUND SYSTEM OF SUPPORT FOR SCREW-ATTACHED ACOUSTICAL PANELS.
  - 5 UNISTRUT BEAM CLAMP, TYPICAL THROUGHOUT.

**PANEL FRAMING LAYOUT**  
SCALE: 1/8" = 1'-0"





DATE: SEPT 5, 2025

REVISIONS	△	
	△	
	△	
	△	
	△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

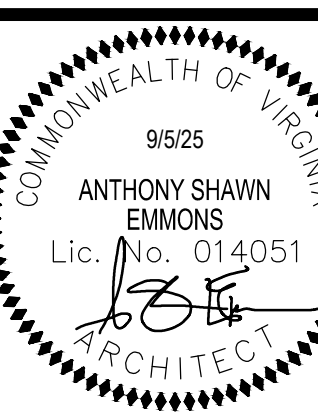
CEILING NOTES

- 1 CENTER POINT OF NORTH BALLROOM 112.  
ALL CEILING DIMESIONAL LAYOUTS IN 112 ORIGINATE FROM THIS POINT.
- 2 CENTER POINT OF SOUTH BALLROOM 109.  
ALL CEILING DIMESIONAL LAYOUTS IN 109 ORIGINATE FROM THIS POINT.
- 3 1-5/8" UNISTRUT AT INDICATED SPACING.  
BOTTOM OF UNISTRUT AT 14'-2 3/8" AFF.
- 4 1/2" THREADED ROD TO HANG UNISTRUT FROM 2x8 WOOD FRAMING ABOVE. SEE SHEET A7-8 FOR WOOD FRAMING LAYOUT. ANCHOR AT EVERY POINT WHERE A UNISTRUT MEMBER CROSSES THE PERPENDICULAR 2x8 WOOD FRAMING.

Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

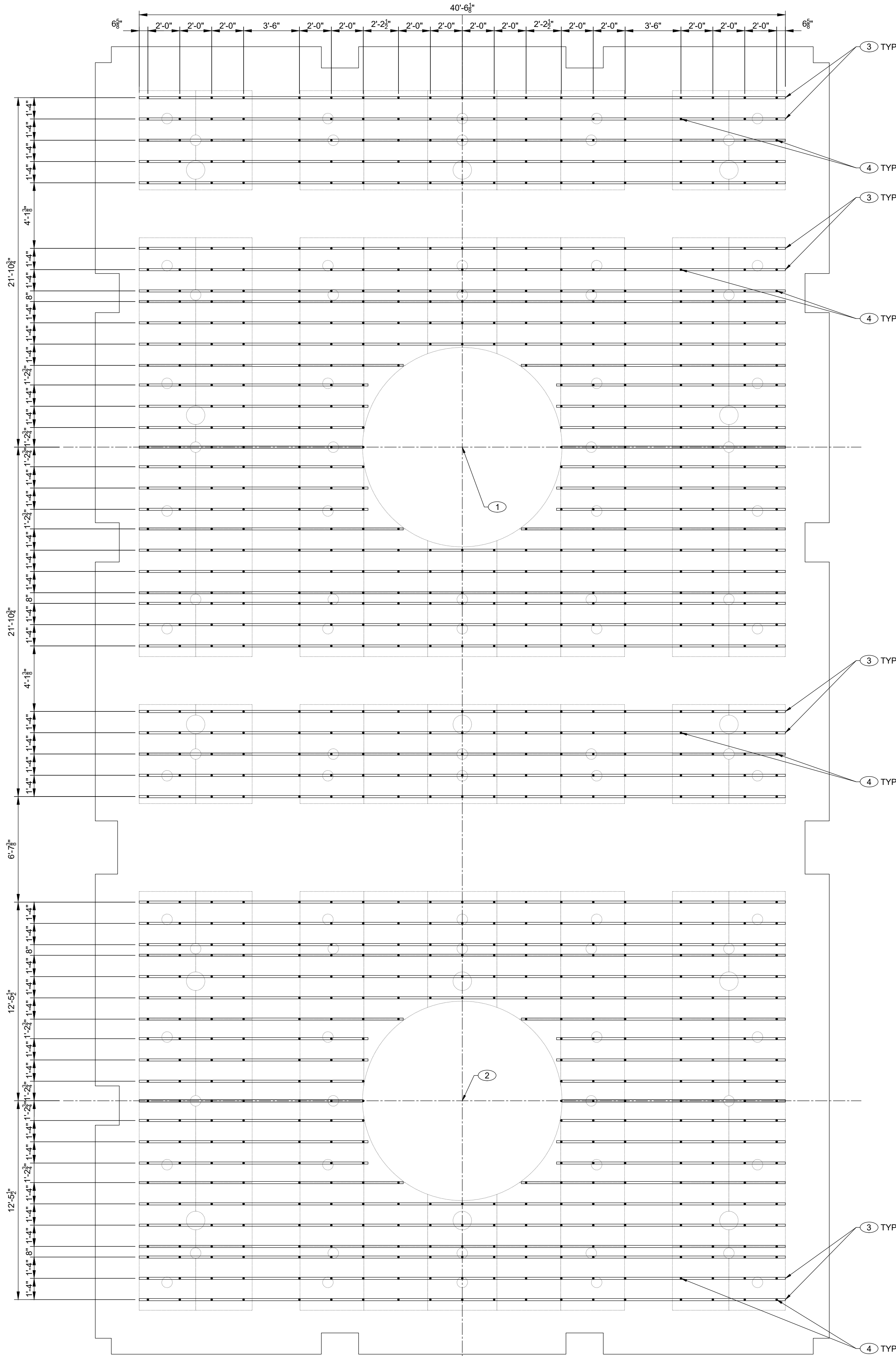
BALLROOM  
CEILING  
UNISTRUT  
SUPPORT  
LAYOUT



COMMISSION No.  
24058.001

SHEET  
**A7-7**

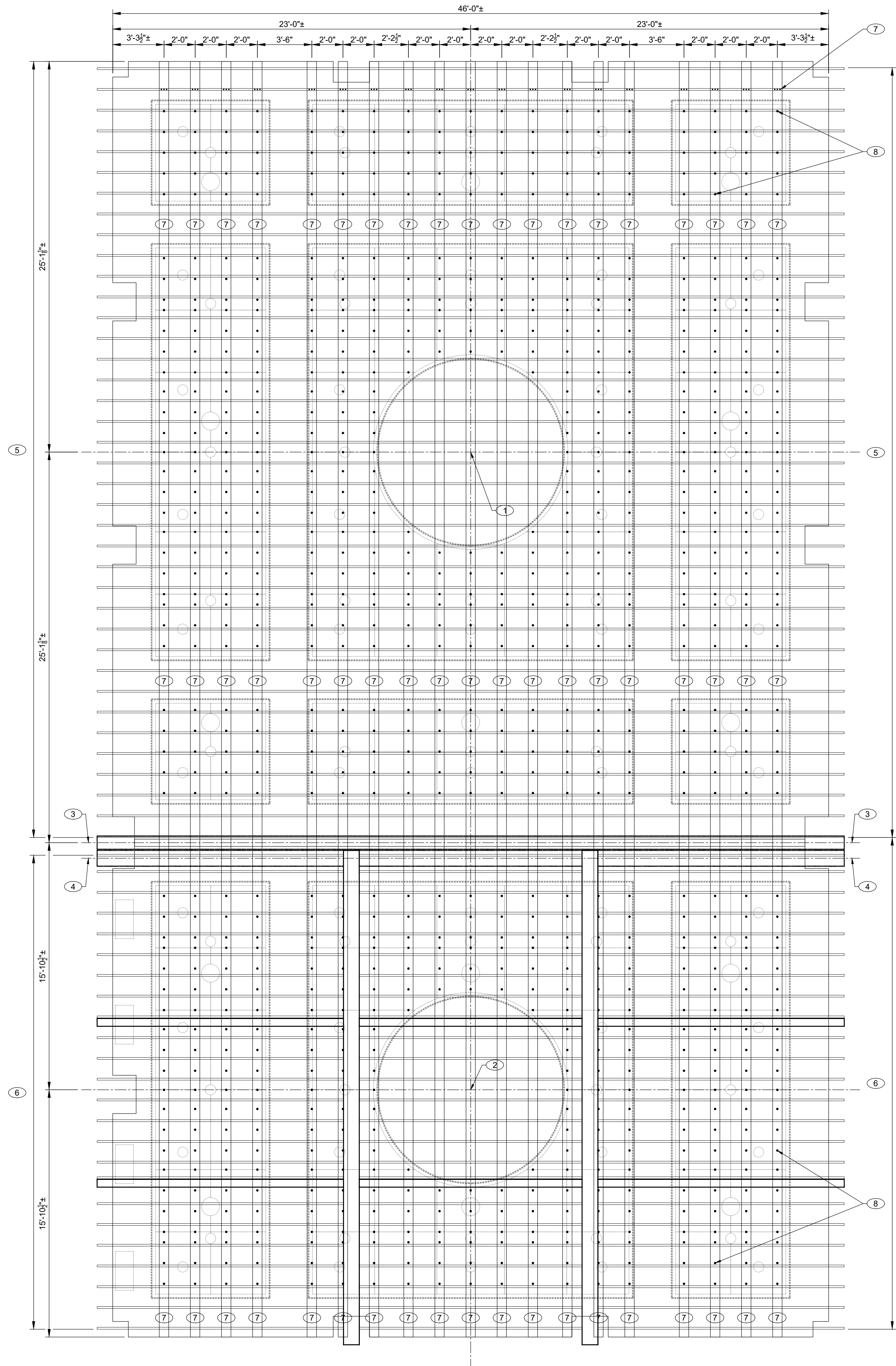
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



A7-7.1  
A7-1

**UNISTRUT SUPPORT LAYOUT**  
SCALE: 1/8" = 1'-0"





- CEILING NOTES**
- 1 CENTER POINT OF NORTH BALLROOM 112. ALL CEILING DIMENSIONAL LAYOUTS IN 112 ORIGINATE FROM THIS POINT.
  - 2 CENTER POINT OF SOUTH BALLROOM 109. ALL CEILING DIMENSIONAL LAYOUTS IN 109 ORIGINATE FROM THIS POINT.
  - 3 CENTERLINE OF STEEL BEAM AT OPERABLE PARTITION.
  - 4 EXST STEEL BEAM.
  - 5 EXST PRE-ENGINEERED WOOD TRUSSES AT 16" SPACING, TYP.
  - 6 EXST 2x10 CEILING JOISTS AT 16" SPACING, INTEGRATED INTO STEEL BEAM FRAMING.
  - 7 NEW 2x8 WOOD FRAMING LAID FLAT ACROSS TOP OF EXST CEILING JOISTS AND TRUSS BOTTOM CHORDS - SCREW ATTACH AT EACH INTERSECTION OF 2x8 & EXST FRAMING MEMBER.
  - 8 1/2" THREADED ROD TO HANG UNISTRUT (BELOW) FROM 2x8 WOOD FRAMING. SEE SHEET A7-8 FOR WOOD FRAMING LAYOUT. ANCHOR AT EVERY POINT WHERE A UNISTRUT MEMBER CROSSES THE PERPENDICULAR 2x8 WOOD FRAMING.

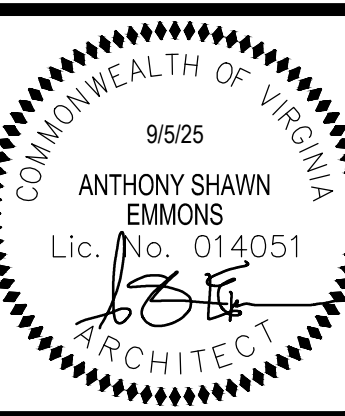
DATE:	SEPT 5, 2025
REVISIONS	
△	
△	
△	
△	
△	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

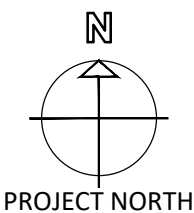
Renovations  
to  
**THE VINTON WAR MEMORIAL**  
814 E. Washington Ave Vinton, VA 24179

DRAWN BY: ASE  
CHECKED BY: ASE

**BALLROOM  
CEILING  
WOOD  
FRAMING  
LAYOUT**



COMMISSION No.  
24058.001  
SHEET  
**A7-8**  
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



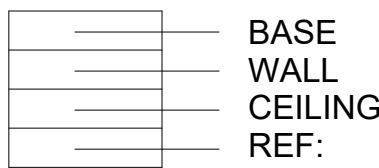
MENU

CADD VERSION
PLOT SCALE
PLOT DATE 8/28/2025 4:06:57 PM
SAVE DATE
COMM. NO.
DRAWING NO.

## INTERIOR ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	PL	PLASTIC LAMINATE
AP	ACOUSTICAL PANEL	P	PAINT
B	BLINDS	QZ	QUARTZ
BB	BEAD BOARD	RB	RUBBER BASE
BR	BRICK	RES	RESINOUS FLOORING
CAB	CABINET	RF	RESILIENT FLOOR
CC	CUBICLE CURTAINS	RS	ROLLER SHADE
CG	CORNER GUARD	RUB	RUBBER FLOORING
CM	CULTURED MARBLE	SC	SEALED CONCRETE
CPT	CARPET	SH	SHOWER CURTAIN
CR	CULTURED MARBLE	SN	STONE
DM	DECORATIVE METAL	SP	SPECIALTY WALL PANEL
DS	DIVIDER STRIP	SS	SOLID SURFACE
EFS	ENTRY FLOOR SYSTEM	ST	STAIN
FRP	FIBER REINFORCED PANEL	SV	SHEET VINYL
FWP	FABRIC WRAPPED PANEL	T	TILE
G	GROUT	TB	TILE BASE
GF	GLASS FILM	VCT	VINYL COMPOSITION TILE
GR	GRANITE	WC	WALL COVERING
HP	HARDIE PLANK	WD	WOOD TRIM
HR	HANDRAIL	WDC	WOOD CEILING
LVF	LUXURY VINYL FLOOR	WDF	ENGINEERED WOOD FLOORING
		WOC	WALK OFF CARPET
		WP	WALL PROTECTION

## FINISH KEY PLAN



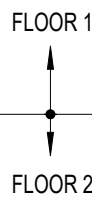
\*

AN ASTERISK FOLLOWING ANY FINISH AS NOTED ABOVE SIGNALS TO LOOK FOR MORE INFORMATION ON EITHER CURRENT SHEET OR ANOTHER SHEET, TYPICALLY MEANS THAT THERE IS MORE THAN ONE FINISH ON A GIVE ALL/BASE/CEILING

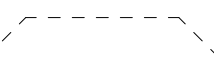
EX:

P/ CR/ WC

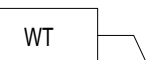
IF ANY FINISH BOX AS SHOWN IN THE KEY ABOVE CONTAINS MORE THAN ONE FINISH CODE THE PROGRESSION OF FINISHES GOES FROM THE FLOOR TO THE CEILING



INDICATES A CHANGE OF MATERIALS, REFERENCE TRANSITION SCHEDULE FOR DETAILS



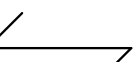
INDICATES EXTENTS OF \*WALL FINISH



INDICATES THE WALL FINISH ASSOCIATES WITH A DASHED LINE



INDICATES COUNTER / CABINETRY FINISHES



DIRECTION OF GRAIN



INDICATES A CORNERGUARD



NOT IN CONTRACT

## GENERAL ID NOTES

- REFER TO FINISH LEGEND FOR MATERIAL SPECIFICATION.
- REFER TO FINISH PLANS FOR EXTENTS OF FLOOR PATTERNS AND WALL FINISHES.
- ALL PRODUCTS / MATERIALS TO BE SOURCE FROM SAME LOTS TO ENSURE COLOR MATCH.
- ALL PRODUCTS INSTALLED PER MANUFACTURERS REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXTENTS OF MATERIALS IN THE FIELD WITH EXISTING CONDITIONS AND ADVISE THE ARCHITECT OF ANY CONFLICT.
- CONTRACTOR TO COORDINATE MEP REQUIREMENTS WITH ALL NEW EQUIPMENT/FIXTURES AS WELL AS WITH RE-USED EXISTING EQUIPMENT.
- ALL SURFACES WHERE EXISTING FINISHES ARE TO BE REMOVED ARE TO BE REPAIRED TO QUALITY FINISH OF ADJACENT SURFACE.
- EXISTING MATERIALS TO BE REUSED ARE TO BE PROTECTED, AND PREPARED TO RECEIVE NEW FINISH.
- ALL PAINT TO BE FLAT FINISH FOR WALL AND CEILING U.N.O., & SEMI-GLOSS FOR TRIM U.N.O.
- CORNER GUARDS TO INSTALL FROM (TOP OF BASE) TO TOP OF WP-1.
- INSTALL 1/2" QUARTER ROUND STAINED TO MATCH FLOOR AT ALL HARD SURFACE FLOORING.
- ALL MECHANICAL, ELECTRICAL PANELS, DIFFUSERS & GRILLES ARE TO BE PAINTED TO MATCH ADJACENT FINISH IN PUBLIC/ COMMON AREAS.
- FINISHES NOTES IN CORRIDORS ARE TYPICAL CONDITIONS THAT ARE TO BE USED THROUGH REMAINING CORRIDOR.
- ALL TRIM ON WINDOWS, DOORS AND WALL TO BE PAINTED P1, U.N.O. REFER TO DOOR SCHEDULE FOR DOOR FINISH.
- REMOVE ALL EXISTING WALL PAPER/COVERING & BORDERS. PREPARE WALL TO RECEIVE PAINT AT LEVEL 5 FINISH QUALITY.
- ALL CERAMIC TILE SHALL HAVE NECESSARY ACCESSORIES TO MATCH ADJACENT FINISHES U.N.O.
- ANY EXPOSED PIPING AND GRILLES TO MATCH ADJACENT WALL FINISH.
- CONTRACTOR TO DETERMINE THE APPROPRIATE HEIGHT PRODUCT FOR THE TRANSITIONING MATERIALS HEIGHT IN ORDER TO HAVE A FLUSH TRANSITION.
- TRANSITIONS ARE TO BE USED WITH A CONCEALED RUBBER SUBFLOOR LEVELER SYSTEM SCORED AT APPROPRIATE DEPTH FOR SMOOTH, FLUSH TRANSITION FROM ONE MATERIAL TO ANOTHER.
- REFER TO LEGEND FOR TRANSITION FINISH SELECTION.

## FLOOR TRANSITION

BUILD UP SUBFLOOR TO ENSURE TWO MATERIALS MEET WITH ZERO THRESHOLD

GENERAL NOTES

PROJECT TITLE

**SFCS** Architecture  
Engineering  
Planning  
Interiors  
SFCS Inc. 305 South Jefferson Street  
Roanoke, Virginia 24011.2003  
540.344.6664 • Fax 540.343.6925  
www.sfcs.com

PROJECT DESIGNER	:	xxx
PROJECT ARCHITECT	:	xxx
PROJECT ENGINEER	:	
DRAWN BY	:	AES
CHECKED BY	:	JMS
APPROVED BY	:	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

GENERAL NOTES,  
FINISH KEY AND  
ABBREVIATIONS

DATE	SEPT. 5, 2025	DRAWING
COMM. NO.	23500.00	10.0



FINISH LEGEND						
Code	Rev. Date	Manufacturer	Pattern	Color	Details	Remarks
General Note: All finishes outlined in the Finish Legend will be the responsibility of the GC. Products should be installed per the manuf. recommendations.						
DIVISION 05: METALS						
057000 Decorative Metal						
DM-1		Renaissance to match Lightwave Laser	Ice Dreams	Cold Rolled Steel	53% Open	Ballroom Ceiling
DIVISION 06: WOODS, PLASTICS, AND COMPOSITES						
062023 Interior Finish Carpentry						
WD-1		Tague Lumber or Equal	TLPCM-803	Painted P-1	11/16" x 7-1/4"	Wood Base
WD-2		Custom	Re: Arch	Painted P-1		Ballroom Accent Wall
CR-1A		Tague Lumber or Equal	TL-653 Combination	Painted P-1	1-1/2" x 5-7/16" Install top of trim at 42" AFF	Chair Rail (Upper)
CR-1B		Tague Lumber or Equal	TL-AB303	Painted P-1	15/16" x 2-1/2" Install bottom or trim at 30-1/4" AFF	Chair Rail (Lower)
QR-1		Tague Lumber or Equal	TL-110	Match WDF-1	1/4" x 1/4"	Quarter Round
QR-2		Tague Lumber or Equal	TL-103	Painted P-1	1-1/16" x 1-1/16"	Ballroom Quarter Round
064116 Plastic-Laminate-Faced Architectural Cabinets (As noted on Interior Elevations as - PLAM ARCH MILLWORK)						
PL-1		Formica	9283-NG	Walnut Riftwood	Breakroom Hardware: Amerock Blackrock BP5628226, Cabinet Pull in Polished Chrome 3.25" or as recommended by cabinet fabricator	Bathroom Aprons, Breakroom Cabinetry
066400 Plastic Paneling						
FRP-1		Marlite	Standard FRP	White	Smooth, include matching accessories including top caps, corner guards, and joint tips.	Kitchen
DIVISION 09: FINISHES						
093013 Ceramic Tiling						
T-1		Daltile	Dignitary	Notable Beige DR09	24" x 24", Matte	Bathroom Floor
T-2		Daltile	Famed	Diamond FM10	12" x 24", Polished	Bathroom Wainscot
T-3		Daltile	Famed	Diamond FM10	3/4" x 3/4", Penny Rounds	Bathroom Mirror Wall
T-4		Daltile	Famed	Diamond FM10	3x24 Bullnose	Wainscot Cap
T-5		Daltile	Famed	Diamond FM10	24" x 24", Polished	Fireplace Hearth
T-6		Architessa	Vesuvio	Palisades Kindred	10.47" x 11.42" Sheet Size	Breakroom Backsplash
TB-1		Daltile	Famed	Diamond FM10	3" x 24" Bullnose	Bathroom
All Tiles: Provide the thinnest grout joints recommended per tile manuf.						
G-1		Mapei	Walnut	5106	Non-sanded	T-1-T-5 Grout
G-2		Mapei	Avalanche	5038	Non-sanded	T-6 Grout
DS-1		Schluter	Dilex	Satin Brass Anodized Aluminum	Size as recommended by the tile installer to ensure flush transitions	Tile wall to tile floor
095113 Acoustical Panel Ceilings						
ACT-1		Armstrong	Calla Square Tegular	White	2x2; 9/16" Superline White Grid	Library , Bridal Suite
ACT-2		Armstrong	Kitchen Zone	White	2'x4' Square Lay-In; 15/16" Prelude Grid White	Kitchen
096400 Wood Flooring						
WDF-1		Olde Savannah Flooring	French Oak	Venice	7" Wide Plank, 5/8" Thick	General Throughout: Lobby, Library, Second Floor Waiting Area, Bridal Suite, Meeting Room
096513 Resilient Base and Accessories						
RB-1		Tarkett	Grey Haze	24	4"H Traditional cove	Rubber Base - Back of House
096516 Resilient Sheet Flooring						
RF-2		Nannington	Assurance III	Ice Cap 16340	6'-6" Roll, Heat Weld	Back of House Corridor
RF-3		Nannington	Realities II	Persian Walnut	6' Roll, Heat Weld	Elevator Floor & Second Floor Breakroom & Second Floor Mechanical Room
096660 Polyvinyl Safety Flooring						
RF-1		Protect-All		Brown	1/4" Sheet; Heat welded seams w/ matching rod color; 6" H integral base where specified as base material. Cove cap REF: 10.0 Reference manufacturer's installation requirements for drain detailing.	Kitchen
096813 Tile Carpeting						
CPT-1		J+J Flooring	Obsidian	Feldspar Marine	24" x 24" Carpet Tile, Quarter Turn Install - Confirm with owner prior to installation	Second Floor Office Carpet
097200 Wall Covering						
WC-1		National	Obana Ogee	Misloque CD2-OGE-55	Type II Vinyl / 20 oz / 54" / Reverse Match Pattern Installation	Ballroom Above Chair Rail

FINISH LEGEND						
WC-2		Momentum	Renewed	Mineral MAG1315	Type II Vinyl / 20 oz / 54"	Women's Restroom
WC-3		Momentum	Force of Nature	Sand BX488N	Type II Vinyl / 20 oz / 27"W	Men's Restroom
099123 Interior Painting						
P-1		Sherwin Williams	SW7006	Extra White	ProMar 200 Semi-Gloss	General Trim
P-2		Sherwin Williams	SW7006	Extra White	ProMar 200 Flat	General Ceiling
P-3		Sherwin Williams	SW9170	Acier	ProMar 200 Satin	First Floor Ballroom Below Chair Rail
P-4		Sherwin Williams	SW9138	Stardew	ProMar 200 Satin	First Floor Lobby and Library Above Chair Rail , Second Floor Waiting Area Corridor & Breakroom
P-5		Sherwin Williams	SW7029	Agreeable Gray	ProMar 200 Satin	Second Floor Bridal Suite, Second Floor Offices
P-6		Sherwin Williams	SW9170	Acier	ProMar 200 Semi-Gloss	Elevator Door
DIVISION 10: SPECIALITIES						
101423 Panel Signage						
		Blueridge Sign & Stamp			Vendor to provide decorative and code related signs Contact: Erika Birch erika@signandstamp.com	Signage - Coordinate with Owner
102113.16 Plastic-Laminate-Clad Toilet Compartments						
CMP-1		Arcat	Ironwood - Toilet Partitions with Frosted Acrylic Door Lites	Formica Walnut Rithwood 9283	Frosted Glass Inset	First Level Men & Womens Toilet
102239 19 Folding Panel Partitions						
PAR-1		Modernfold	Acousti-Seal Encore Automated Wall System	Len-TeX Vinyl in Serenity with SW Smoke Gray Trim & Hinges	Continuously Hinged Electric	Ballroom
102600 Wall and Door Protection						
WP-1		Inpro	Palladium Rigid Sheet	Taupe 0113	0.040" Thick; 48" Wide; Install butt seam and 4" AFF with matching j-mold top.	Back of House Corridor
WP-2		Koroguard	Traffic Patterns - Lineage II	Origin 95522-10	Butt Seam, Full Height	Hall 105 Outside the Elevator, Second Floor Corridor
CG-1		InPro	Photopolymer Solid Colors	Taupe 0113	1-1/8", Surface mounted, Adhesive Backed. Install between the top of the wall base up to 4' AFF.	Back of House Corridor
DIVISION 12: FURNISHINGS						
122413 Roller Window Shades						
RS-1		SWF Contract	Motorized Single Roller Shade with with only Blackout	Flocke Blanc 600 - Blackout	Include track at window casing for blackout shade. Metal Valance: 871 White	Ballroom
RS-2		SWF Contract	Manual Roller Shade	E Screen 7505 - White/White E0202 - 5% Openess	Metal Valance: 871 White	General (RE: Finish Plan)
123661.16 Solid Surfacing Countertops						
SS-1		Corian		Calicata Greige	2cm, Eased Edge	Breakroom
123640 Stone Countertops						
GR-1		Daltile	G278	Sterling	2 cm Thickness with Bullnose Edge	Bathrooms, Bridal & Grooms Suite
DIVISION 14: CONVEYING EQUIPMENT						
142400 Machine Room-Less Hydraulic Elevators						
EVS-1			Floor: RF-3 Wall Panels: Wilsonart / Marmo Bianco 1865K-07 Textured Gloss Ceiling: Stainless with recessed cants Main Door: P-6			

GENERAL NOTESPROJECT TITLE

**S F C S** | Architecture  
Engineering  
Planning  
Interiors

SFCS Inc. ■ 305 South Jefferson Street  
Roanoke, Virginia 24011.2003  
540.344.6664 ■ Fax 540.343.6925  
[www.sfcs.com](http://www.sfcs.com)

PROJECT DESIGNER	:	xxx
PROJECT ARCHITECT	:	xxx
PROJECT ENGINEER	:	
DRAWN BY	:	AES
CHECKED BY	:	JMS
APPROVED BY	:	
NO.	REVISION DESCRIPTION	DATE

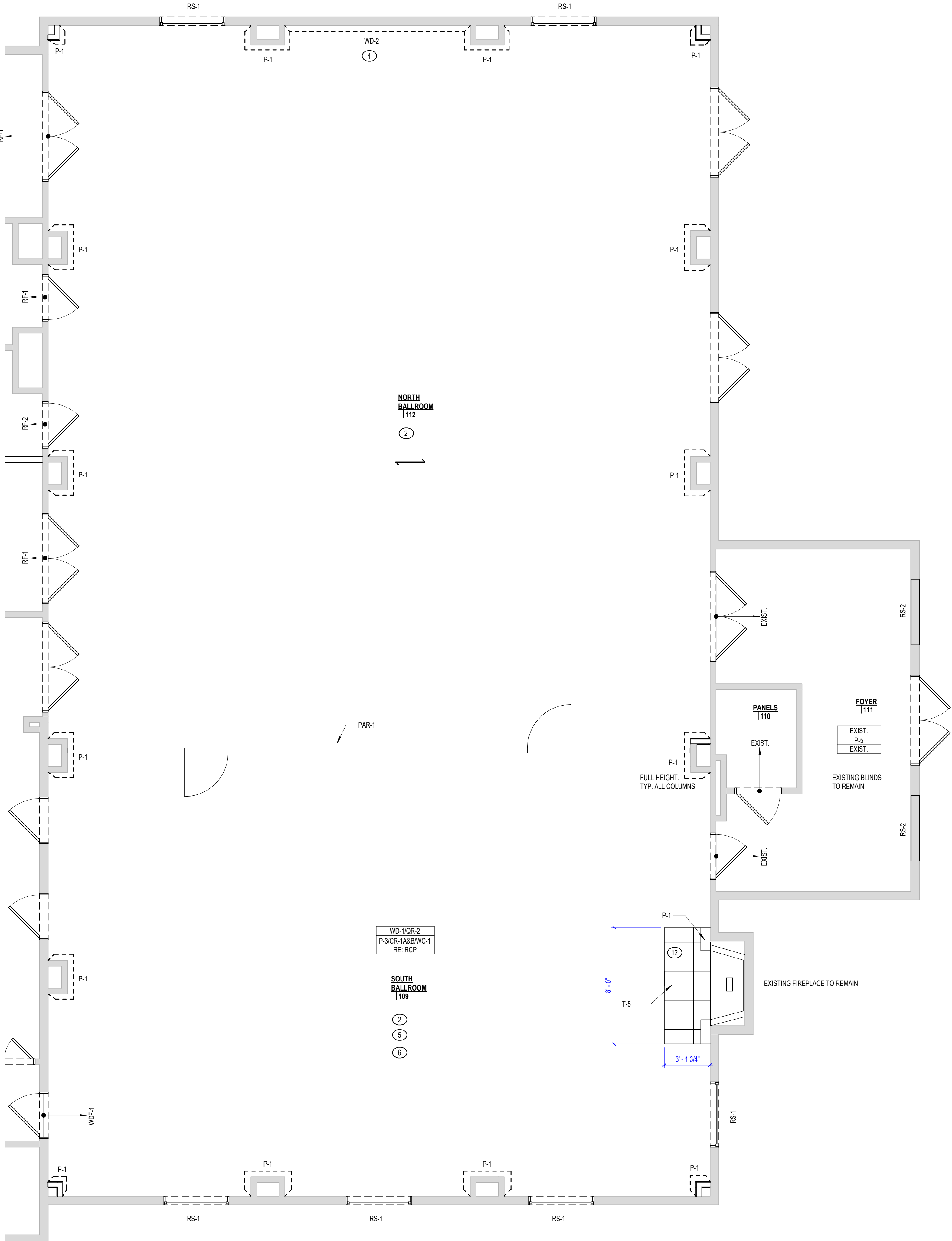
DRAWING TITLE		DRAWING
FINISH LEGEND		
DATE	SEPT. 5, 2025	
COMM. NO.	23500.00	10.1

[illegible]

CADD VERSION
PLOT SCALE
PLOT DATE 8/28/2025 4:06:57 PM
SAVE DATE
COMM NO.
DRAWING NO.



## 11.1



FIRST FLOOR FINISH PLAN - B

$1/4" = 1'-0"$

GENERAL NOTES

### PLAN NOTES

- PATCH AND REPAIR EXISTING SUBFLOOR.
- LEVEL SUBFLOOR.
- PAINT EXIST. TRIM (CROWN, CHAIR RAIL, CASING) P-1.
- STAIN HAND RAIL TO MATCH WDF-1. PAINT PICKETS AND STAIR RISER P-1
- NEW DOUBLE CHAIR RAIL TO BE INSTALLED (CR-1A & CR-1B).
- PAINT FIREPLACE SURROUND P-1.
- INSTALL T-2 BELOW COUNTERTOP.
- INSTALL TILE WAINSCOT 4" 3" AFF. WITH WALLCOVERING ABOVE U.N.O.
- PAINT ELEVATOR DOOR P-6.
- INSTALL NEW PLUMBING FIXTURES AND TOILET ACCESSORIES PER PLUMBINGARCH.
- 1. INSTALL WALL PROTECTION TO 4' AFF. WITH COORDINATING J-MOLD CAP AND P-5 ABOVE.
- 2. MONOLITHIC INSTALL. TILE PATTERN CENTERED AT DOOR.

## PROJECT TITLE

**S F C S** | Architecture  
Engineering  
Planning  
Interiors

SFCS Inc. ■ 305 South Jefferson Street  
Roanoke, Virginia 24011.2003  
540.344.6664 ■ Fax 540.343.6925  
[www.sfcs.com](http://www.sfcs.com)

PROJECT DESIGNER	:	xxx
PROJECT ARCHITECT	:	xxx
PROJECT ENGINEER	:	
DRAWN BY	:	AES
CHECKED BY	:	JMS
APPROVED BY	:	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE  
FIRST FLOOR FINISH  
PLAN - B

DATE	SEPT. 5, 2025	DRAWING	11.2
COMM. NO.	23500.00		

CADD VERSION

---

PLOT SCALE

---

PLOT DATE  
**8/28/2025**  
**4:06:59 PM**

---

SAVE DATE

---

COMM NO.

---

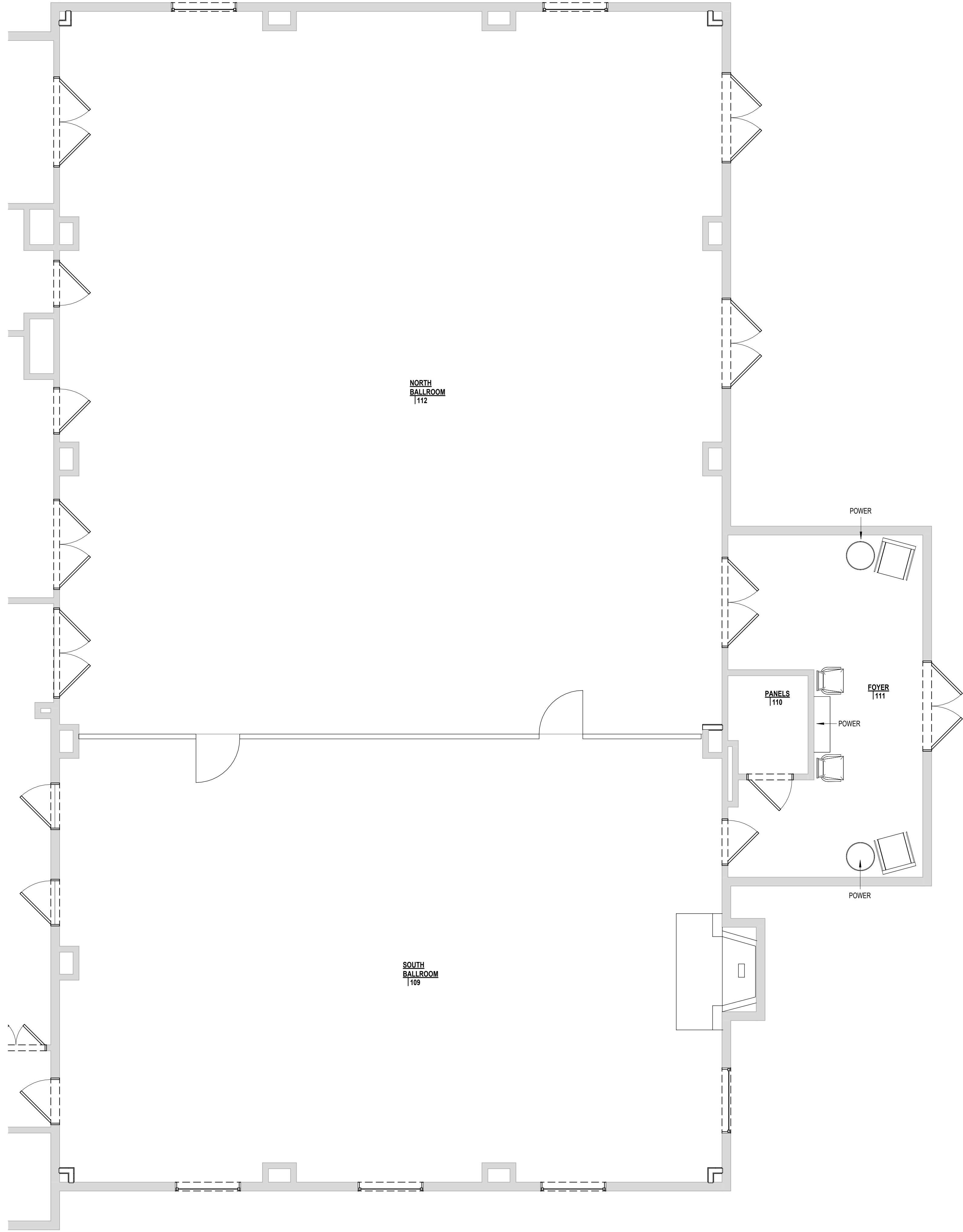
DRAWING NO.





## F1.1

DRAWING NO.



GENERAL NOTES

1. FFE N.I.C.

PROJECT TITLE

**SFCS** Architecture  
Engineering  
Planning  
Interiors  
SFCS Inc.▪ 305 South Jefferson Street  
Roanoke, Virginia 24011.2003  
540.344.6664▪ Fax 540.343.6925  
www.sfcs.com

PROJECT DESIGNER	:	xxx
PROJECT ARCHITECT	:	xxx
PROJECT ENGINEER	:	
DRAWN BY	:	AES
CHECKED BY	:	JMS
APPROVED BY	:	

NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE  
FIRST FLOOR  
FURNITURE PLAN - B

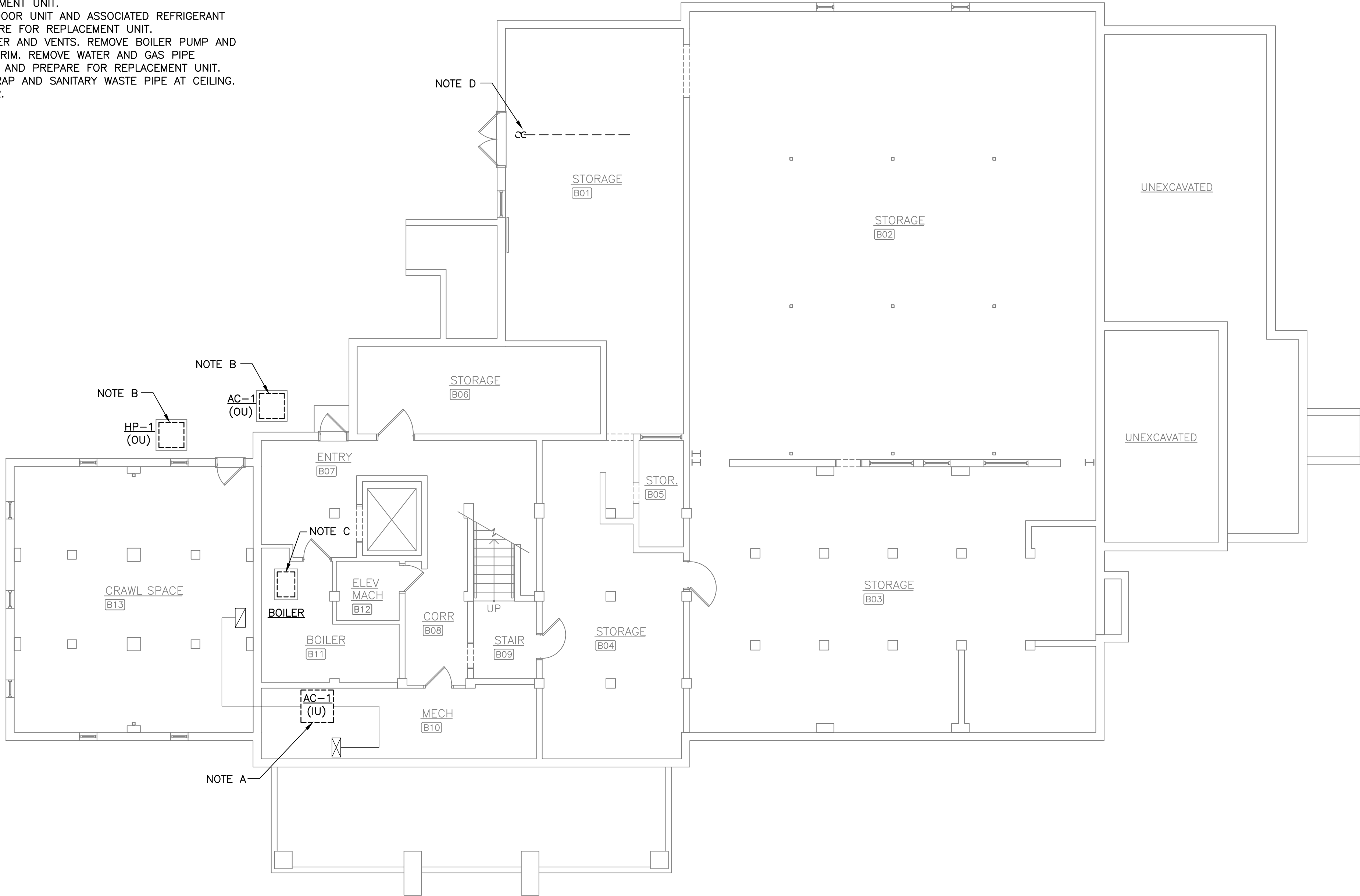
DATE	SEPT. 5, 2025	DRAWING
COMM. NO.	23500.00	IF1.2

MENU


CADD VERSION
PLOT SCALE
PLOT DATE 8/28/2025 4:07:00 PM
SAVE DATE
COMM. NO.
DRAWING NO.

DEMO NOTES THIS SHEET

- A. REMOVE AIR HANDLING UNIT AND HEATING COIL. REMOVE DUCT, PIPE, AND CONTROL CONNECTIONS AND PREPARE FOR REPLACEMENT UNIT.  
B. REMOVE OUTDOOR UNIT AND ASSOCIATED REFRIGERANT LINES. PREPARE FOR REPLACEMENT UNIT.  
C. REMOVE BOILER AND VENTS. REMOVE BOILER PUMP AND ASSOCIATED TRIM. REMOVE WATER AND GAS PIPE CONNECTIONS AND PREPARE FOR REPLACEMENT UNIT.  
D. REMOVE P-TRAP AND SANITARY WASTE PIPE AT CEILING. CAP AT RISER.



BASEMENT PLAN – MECHANICAL DEMOLITION

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

DATE: SEPT. 5, 2025

REVISIONS	Δ	
	Δ	
	Δ	
	Δ	
	Δ	

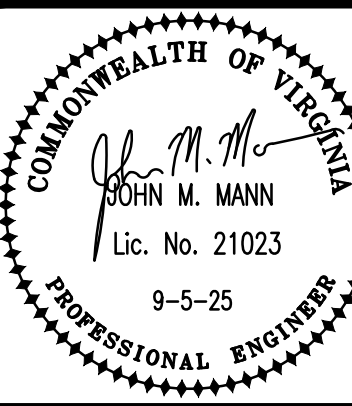
**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

BASEMENT  
PLAN -  
MECHANICAL  
DEMOLITION

MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5513



COMMISSION No.  
24058.001  
SHEET  
MD1-0

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



DATE: SEPT. 5, 2025

REVISIONS	Δ	
	Δ	
	Δ	
	Δ	
	Δ	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

FIRST FLOOR  
PLAN -  
MECHANICAL  
DEMOLITION

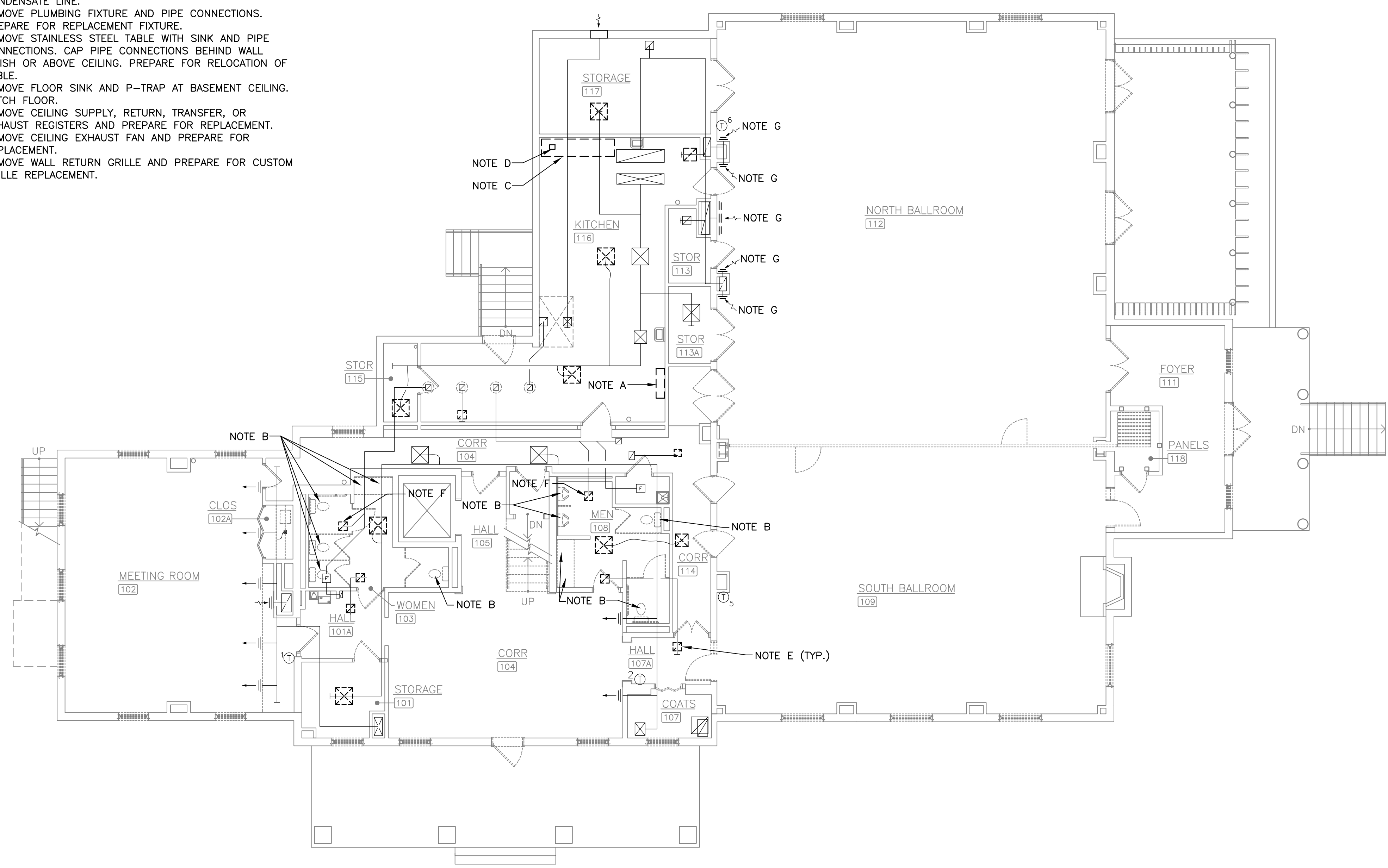
MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5515

COMMONWEALTH OF VIRGINIA  
JOHN M. MANN  
Lic. No. 21023  
9-5-25  
PROFESSIONAL ENGINEER

COMMISSION No.  
24058.001  
SHEET  
MD1-1  
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

## DEMO NOTES THIS SHEET

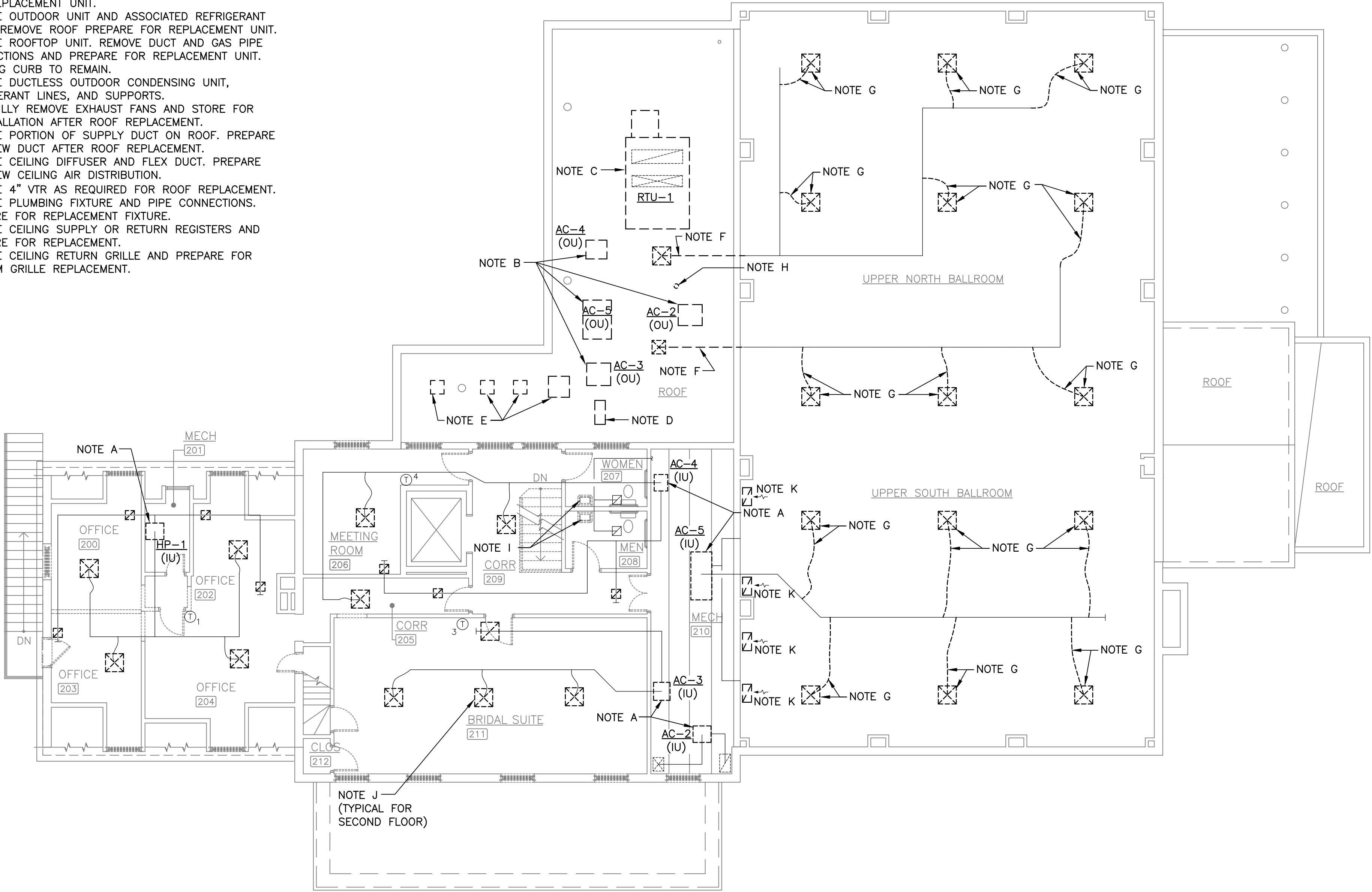
- A. REMOVE WALL MOUNTED DUCTLESS UNIT, CONTROLS, AND CONDENSATE LINE.
- B. REMOVE PLUMBING FIXTURE AND PIPE CONNECTIONS. PREPARE FOR REPLACEMENT FIXTURE.
- C. REMOVE STAINLESS STEEL TABLE WITH SINK AND PIPE CONNECTIONS. CAP PIPE CONNECTIONS BEHIND WALL FINISH OR ABOVE CEILING. PREPARE FOR RELOCATION OF TABLE.
- D. REMOVE FLOOR SINK AND P-TRAP AT BASEMENT CEILING. PATCH FLOOR.
- E. REMOVE CEILING SUPPLY, RETURN, TRANSFER, OR EXHAUST REGISTERS AND PREPARE FOR REPLACEMENT.
- F. REMOVE CEILING EXHAUST FAN AND PREPARE FOR REPLACEMENT.
- G. REMOVE WALL RETURN GRILLE AND PREPARE FOR CUSTOM GRILLE REPLACEMENT.



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

DEMO NOTES THIS SHEET

- A. REMOVE AIR HANDLING UNIT AND HEATING COIL. REMOVE DUCT, PIPE, AND CONTROL CONNECTIONS AND PREPARE FOR REPLACEMENT UNIT.
- B. REMOVE OUTDOOR UNIT AND ASSOCIATED REFRIGERANT LINES. REMOVE ROOF. PREPARE FOR REPLACEMENT UNIT.
- C. REMOVE ROOFTOP UNIT. REMOVE DUCT AND GAS PIPE CONNECTIONS AND PREPARE FOR REPLACEMENT UNIT. EXISTING CURB TO REMAIN.
- D. REMOVE DUCTLESS OUTDOOR CONDENSING UNIT, REFRIGERANT LINES, AND SUPPORTS.
- E. CAREFULLY REMOVE EXHAUST FANS AND STORE FOR REINSTALLATION AFTER ROOF REPLACEMENT.
- F. REMOVE PORTION OF SUPPLY DUCT ON ROOF. PREPARE FOR NEW DUCT AFTER ROOF REPLACEMENT.
- G. REMOVE CEILING DIFFUSER AND FLEX DUCT. PREPARE FOR NEW CEILING AIR DISTRIBUTION.
- H. REMOVE 4" VTR AS REQUIRED FOR ROOF REPLACEMENT.
- I. REMOVE PLUMBING FIXTURE AND PIPE CONNECTIONS. PREPARE FOR REPLACEMENT FIXTURE.
- J. REMOVE CEILING SUPPLY OR RETURN REGISTERS AND PREPARE FOR REPLACEMENT.
- K. REMOVE CEILING RETURN GRILLE AND PREPARE FOR CUSTOM GRILLE REPLACEMENT.



SECOND FLOOR PLAN – MECHANICAL DEMOLITION

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

DATE: SEPT. 5, 2025

REVISIONS  
Δ  
Δ  
Δ  
Δ  
Δ

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

SECOND FLOOR  
PLAN -  
MECHANICAL  
DEMOLITION

MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5515

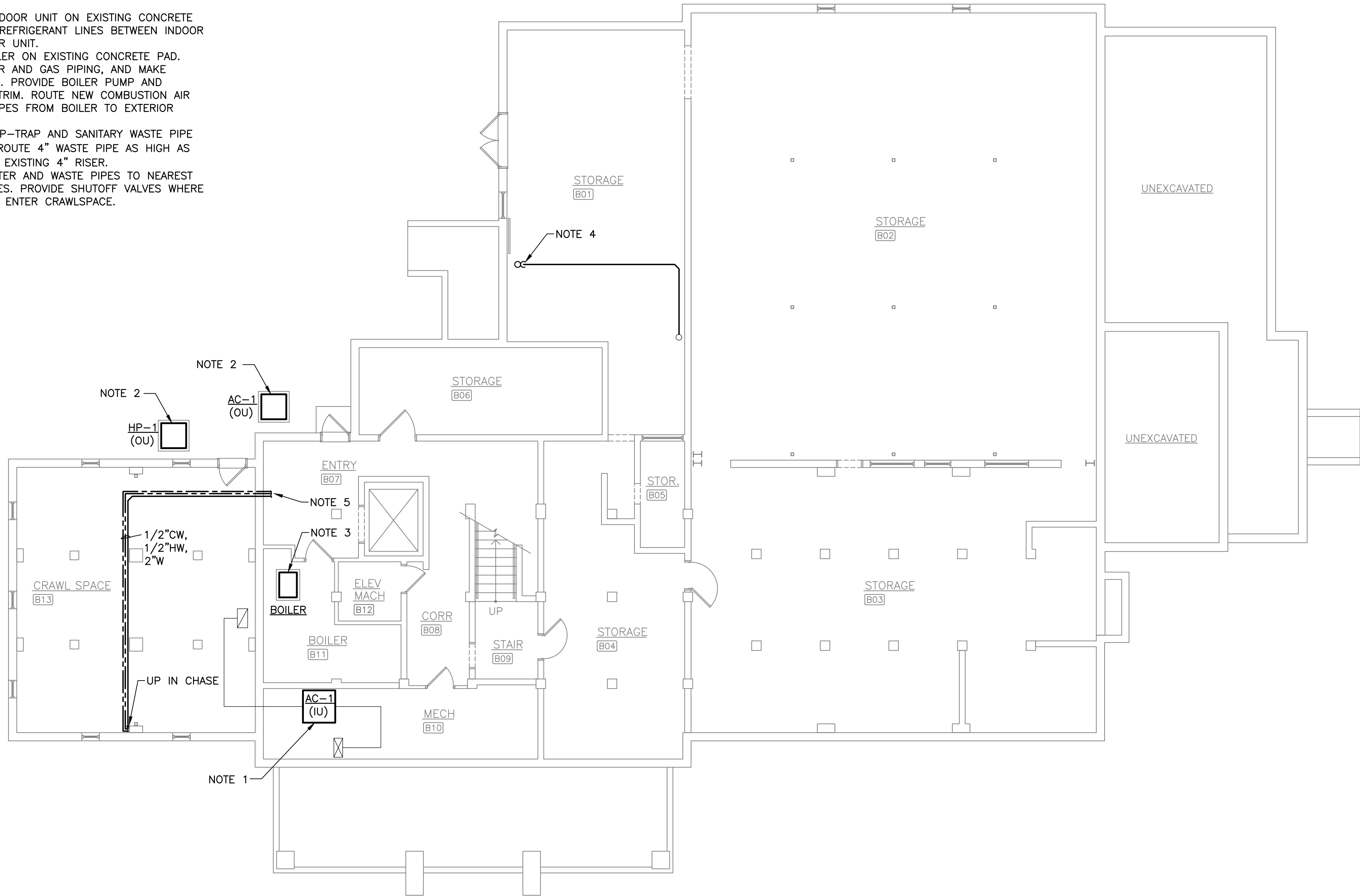
COMMONWEALTH OF VIRGINIA  
JOHN M. MANN  
Lic. No. 21023  
9-5-25  
PROFESSIONAL ENGINEER

COMMISSION No.  
24058.001  
SHEET  
MD1-2

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

NOTES THIS SHEET

1. PROVIDE HORIZONTAL AIR HANDLING UNIT. MODIFY DUCTWORK AND PIPING, AND MAKE CONNECTIONS TO UNIT.
2. PROVIDE OUTDOOR UNIT ON EXISTING CONCRETE PAD. ROUTE REFRIGERANT LINES BETWEEN INDOOR AND OUTDOOR UNIT.
3. PROVIDE BOILER ON EXISTING CONCRETE PAD. MODIFY WATER AND GAS PIPING, AND MAKE CONNECTIONS. PROVIDE BOILER PUMP AND ASSOCIATED TRIM. ROUTE NEW COMBUSTION AIR AND VENT PIPES FROM BOILER TO EXTERIOR WALL.
4. FLOOR SINK P-TRAP AND SANITARY WASTE PIPE AT CEILING. ROUTE 4" WASTE PIPE AS HIGH AS POSSIBLE TO EXISTING 4" RISER.
5. CONNECT WATER AND WASTE PIPES TO NEAREST EXISTING PIPES. PROVIDE SHUTOFF VALVES WHERE WATER PIPES ENTER CRAWLSPACE.



BASEMENT PLAN – MECHANICAL

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

DATE: SEPT. 5, 2025

REVISIONS	Δ	
	Δ	
	Δ	
	Δ	
	Δ	

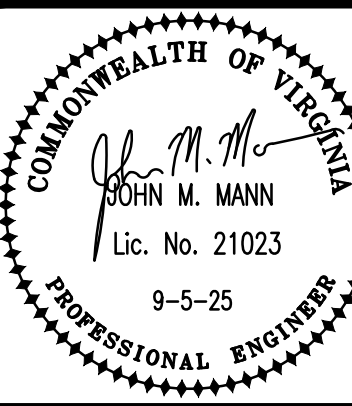
**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

BASEMENT  
PLAN -  
MECHANICAL

MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5515



COMMISSION No.  
24058.001  
SHEET  
M1-0

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



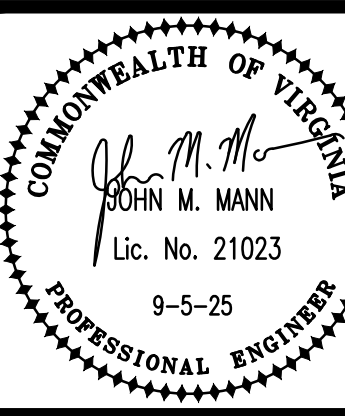
REVISIONS	Δ	
	Δ	
	Δ	
	Δ	
	Δ	

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

FIRST FLOOR  
PLAN -  
MECHANICAL

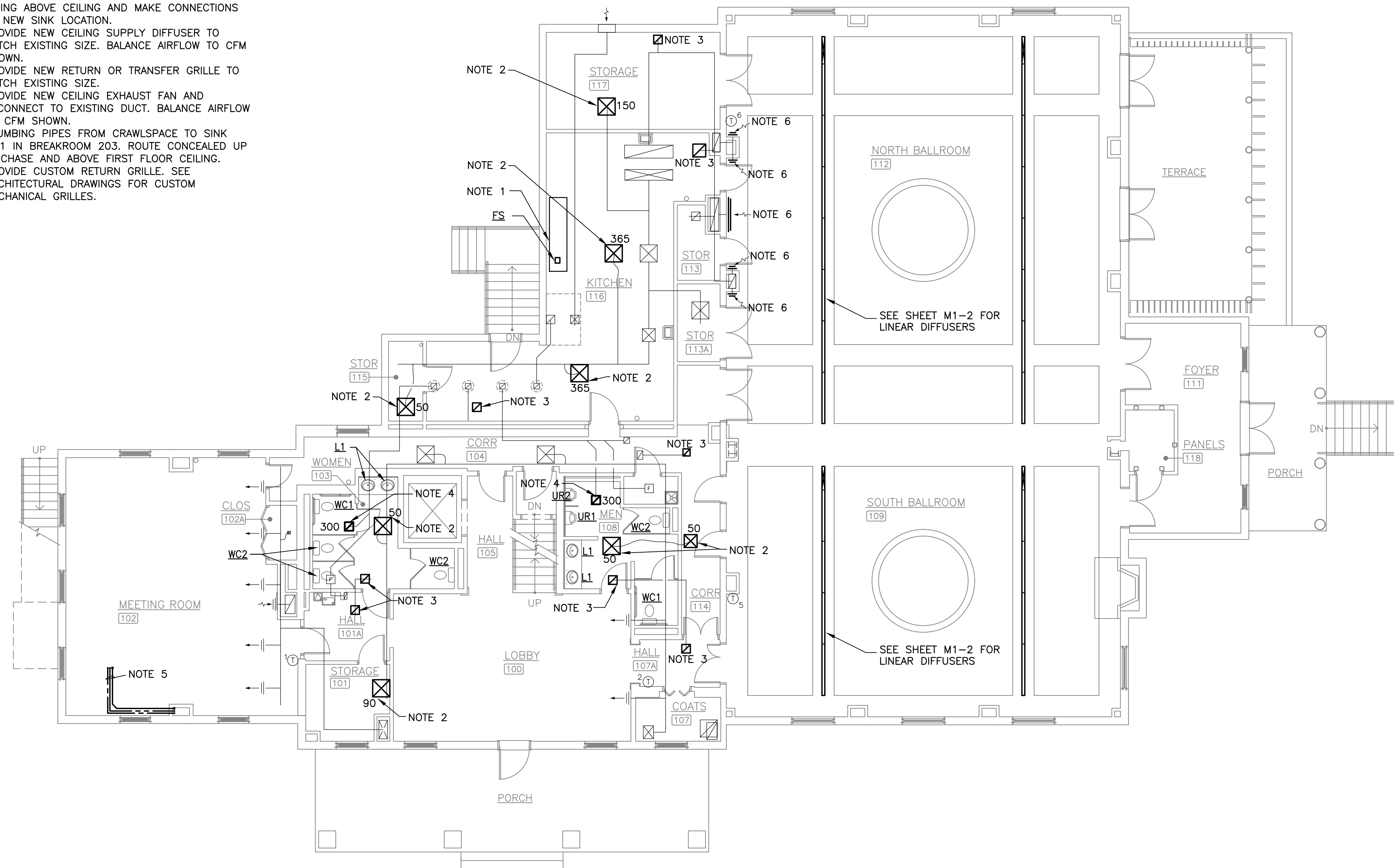
MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5515



COMMISSION No.  
24058.001  
SHEET  
**M1-1**  
© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

NOTES THIS SHEET

1. RELOCATED STAINLESS STEEL TABLE AND SINK. CONNECT TO EXISTING COLD AND HOT WATER PIPING ABOVE CEILING AND MAKE CONNECTIONS AT NEW SINK LOCATION.
2. PROVIDE NEW CEILING SUPPLY DIFFUSER TO MATCH EXISTING SIZE. BALANCE AIRFLOW TO CFM SHOWN.
3. PROVIDE NEW RETURN OR TRANSFER GRILLE TO MATCH EXISTING SIZE.
4. PROVIDE NEW CEILING EXHAUST FAN AND RECONNECT TO EXISTING DUCT. BALANCE AIRFLOW TO CFM SHOWN.
5. PLUMBING PIPES FROM CRAWLSPACE TO SINK S-1 IN BREAKROOM 203. ROUTE CONCEALED UP IN CHASE AND ABOVE FIRST FLOOR CEILING.
6. PROVIDE CUSTOM RETURN GRILLE. SEE ARCHITECTURAL DRAWINGS FOR CUSTOM MECHANICAL GRILLES.

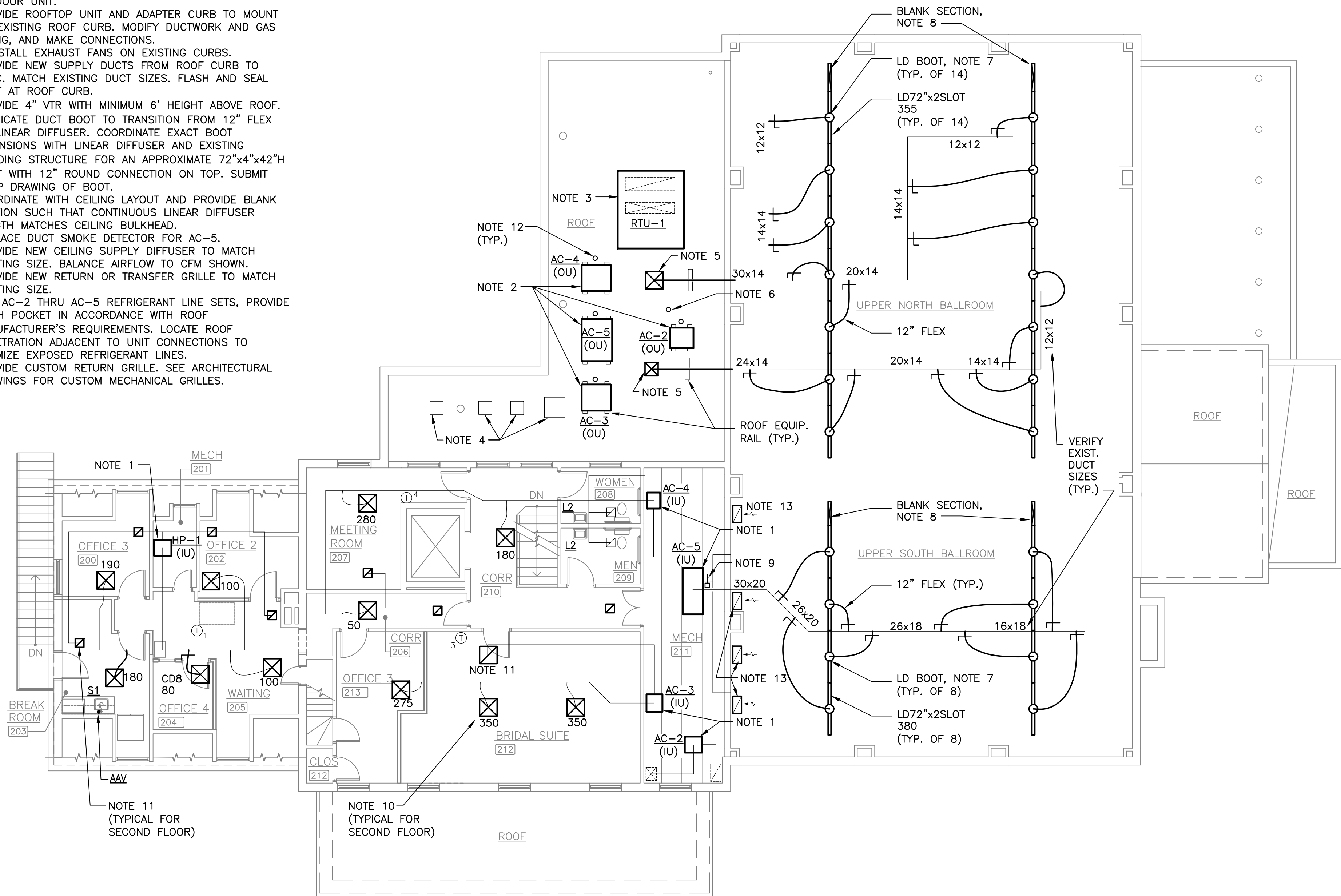


FIRST FLOOR PLAN — MECHANICAL

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

NOTES THIS SHEET

1. PROVIDE VERTICAL AIR HANDLING UNIT. MODIFY DUCTWORK AND PIPING, AND MAKE CONNECTIONS TO UNIT.
2. PROVIDE OUTDOOR UNIT ON NEW ROOF EQUIPMENT RAIL. ROUTE REFRIGERANT LINES BETWEEN INDOOR AND OUTDOOR UNIT.
3. PROVIDE ROOFTOP UNIT AND ADAPTER CURB TO MOUNT ON EXISTING ROOF CURB. MODIFY DUCTWORK AND GAS PIPING, AND MAKE CONNECTIONS.
4. REINSTALL EXHAUST FANS ON EXISTING CURBS.
5. PROVIDE NEW SUPPLY DUCTS FROM ROOF CURB TO ATTIC. MATCH EXISTING DUCT SIZES. FLASH AND SEAL DUCT AT ROOF CURB.
6. PROVIDE 4" VTR WITH MINIMUM 6' HEIGHT ABOVE ROOF.
7. FABRICATE DUCT BOOT TO TRANSITION FROM 12" FLEX TO LINEAR DIFFUSER. COORDINATE EXACT BOOT DIMENSIONS WITH LINEAR DIFFUSER AND EXISTING BUILDING STRUCTURE FOR AN APPROXIMATE 72"x42"x42"H BOOT WITH 12" ROUND CONNECTION ON TOP. SUBMIT SHOP DRAWING OF BOOT.
8. COORDINATE WITH CEILING LAYOUT AND PROVIDE BLANK SECTION SUCH THAT CONTINUOUS LINEAR DIFFUSER LENGTH MATCHES CEILING BULKHEAD.
9. REPLACE DUCT SMOKE DETECTOR FOR AC-5.
10. PROVIDE NEW CEILING SUPPLY DIFFUSER TO MATCH EXISTING SIZE. BALANCE AIRFLOW TO CFM SHOWN.
11. PROVIDE NEW RETURN OR TRANSFER GRILLE TO MATCH EXISTING SIZE.
12. FOR AC-2 THRU AC-5 REFRIGERANT LINE SETS, PROVIDE PITCH POCKET IN ACCORDANCE WITH ROOF MANUFACTURER'S REQUIREMENTS. LOCATE ROOF PENETRATION ADJACENT TO UNIT CONNECTIONS TO MINIMIZE EXPOSED REFRIGERANT LINES.
13. PROVIDE CUSTOM RETURN GRILLE. SEE ARCHITECTURAL DRAWINGS FOR CUSTOM MECHANICAL GRILLES.



SECOND FLOOR PLAN – MECHANICAL

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

DATE: SEPT. 5, 2025

REVISIONS	
Δ	
Δ	
Δ	
Δ	

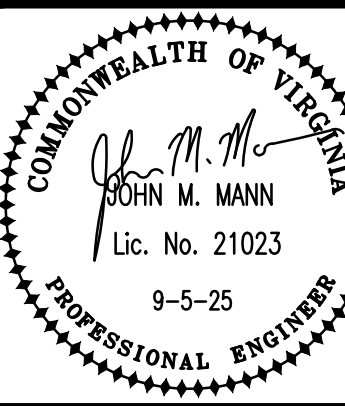
**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

SECOND FLOOR  
PLAN -  
MECHANICAL

MANN & ASSOCIATES, INC.  
306 Market Street  
Roanoke, VA 24011  
540-344-5515



COMMISSION No.  
24058.001  
SHEET  
M1-2

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

SPLIT–SYSTEM AIR CONDITIONING UNITS																		
UNIT	SUPPLY FAN				AH ELECTRICAL		COOLING		CONDENSING UNIT ELEC.				HYDRONIC HEATING			SELECTION BASED ON LENNOX	AREA SERVED	NOTES
	SUPPLY CFM	OUTSIDE AIR (CFM)	ESP (IN. WATER)	MOTOR HP	VOLTAGE	MCA/MOP	TOTAL (MBH)	SENSIBLE (MBH)	COMPRESSOR	VOLTAGE	PHASE	MCA/MOP	CAPACITY MBH	FLOW RATE GPM	MAX. P.D. FT. H2O			
AC–1	1400	140/450	0.5	1.0	208/1	10/15	49.3	36.0	2–STAGE	208	1	24.0/40	65	5.0	6.0	CBK48MVT–048 / ML17KC2–048	MEETING ROOM	1 THRU 9
AC–2	1200	150	0.5	1/2	208/1	5/15	35.4	26.3	VARIABLE	208	1	22.0/25	45	3.0	6.0	CBK48MVT–036 / SL25KCV–036	LOBBY	1 THRU 10
AC–3	1000	100/320	0.5	1/2	208/1	5/15	35.4	26.3	VARIABLE	208	1	22.0/25	45	3.0	6.0	CBK48MVT–036 / SL25KCV–036	MEETING A	1 THRU 10
AC–4	600	80	0.5	1/2	208/1	5/15	23.2	17.7	VARIABLE	208	1	14.0/20	31	2.5	6.0	CBK48MVT–018/024 / SL25KCV–024	MEETING B	1 THRU 10
AC–5	3200	200/1250	1.0	3.0	208/3	14/20	115.8	83.4	2–STAGE	208	3	49.0/80	160	13.0	6.0	EL120KASD / EL120KCSST	SOUTH BALLROOM	1 THRU 10, 12
HP–1	700	60	0.5	1/2	208/1	41/45 NOTE 11	24.0	18.0	VARIABLE	208	1	16.0/25	SEE NOTE 11 FOR HEATER			CBK48MVT–018/024 / SL22KVL–024	OFFICES	1 THRU 8, 11

- SCHEDULE NOTES:
- AIR HANDLER, ECM MOTOR, DX COIL, COPPER TUBES, ALUMINUM FINS. TXV REFRIGERANT METERING DEVICE, SLOPED CONDENSATE PAN.
  - AIR CONDITIONING UNIT: VARIABLE OR TWO–STAGE COMPRESSOR, MATCHED WITH INDOOR COIL, R–454B REFRIGERANT.
  - PROVIDE LOW AMBIENT COOLING ACCESSORIES FOR COOLING DOWN TO 30F AMBIENT.
  - RATED AT ENTERING AIR TEMPERATURES OF 80°F/67°F COOLING AND 70°F HEATING.
  - COORDINATE THERMOSTAT CONTROLLER WITH DELTA HVAC CONTROLS.
  - PROVIDE MANUFACTURER’S PREFABRICATED FILTER FRAME FOR 1” PLEATED FILTER.
  - PROVIDE CONDENSATE OVERFLOW DETECTION SWITCH IN SECONDARY DRAIN CONNECTION TO DE–ENERGIZE AIR HANDLER.
  - AIR HANDLER TO BE VERTICAL CONFIGURATION, EXCEPT AH–1 TO BE HORIZONTAL..
  - MANUFACTURER’S HYDRONIC HEATING COIL ON AH OUTLET, 0.2” APD, 180F EWT, COPPER TUBES, ALUMINUM FINS.
  - PROVIDE ROOF EQUIPMENT RAILS TO SUPPORT OUTDOOR CONDENSING UNIT.
  - HEAT PUMP SPLIT–SYSTEM. AIR HANDLER WITH 8 KW SUPPLEMENTAL HEATER AND SINGLE–POINT ELECTRICAL CONNECTION.
  - RETURN AIR DUCT SMOKE DETECTOR TO DEENERGIZE UNIT.

ROOF TOP UNIT SCHEDULE (RTU)																				
UNIT	CFM	OUTSIDE AIR CFM	EXT. SP (IN WG)	SUPPLY FAN		COOLING CAPACITY				GAS HEATING CAPACITY		COMPRESSOR DATA			ELECTRICAL MCA/MOP	EFFICIENCY EER/IEER	SELECTION BASED ON LENNOX	AREA SERVED	NOTES	EST. UNIT WEIGHT LBS.
				FAN RPM	HP	TOTAL MBH	SENSIBLE MBH	EAT		INPUT MBH	OUTPUT MBH	QTY. – TYPE	V	PH						
								DB °F	WB °F											
AC–6	6000	400/1900	1.0	890 VFD	5.0	177	135	80	67	260/169	210/137	3 SINGLE–STAGE	208	3	68/80	10.8/14.0	LGX–180	NORTH BALLROOM	1 THRU 10	2300

- SCHEDULE NOTES:
- LENNOX XION COMMERCIAL PACKAGED ROOFTOP UNIT, UL LISTED, SCROLL COMPRESSORS, R–454B REFRIGERANT, MULTI–STAGE BELT DRIVE FAN, INSULATED CABINET, ASHRAE 90.1 COMPLIANT, MERV 8 FILTER.
  - NATURAL GAS HEATER, TWO–STAGE.
  - HUMIDITROL DEHUMIDIFICATION SYSTEM WITH HOT GAS REHEAT COIL.
  - LOW AMBIENT CONTROL KIT.
  - 2–STAGE HEAT, 2–STAGE COOL, DEHUMIDIFICATION, BACNET CONTROLLER FOR CONNECTION TO DELTA HVAC CONTROLS.
  - COMPARATIVE ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF.
  - RETURN AIR DUCT SMOKE DETECTOR TO DEENERGIZE UNIT.
  - REFRIGERANT DETECTION SYSTEM.
  - COORDINATE WITH EXISTING ROOF OPENING AND PROVIDE ADDITIONAL SUPPORT STRUCTURE AND/OR INSULATED ADAPTER CURB.
  - VFD MANUAL BYPASS KIT.

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	9" CEILING DIFFUSER SUPPLYING 200 CFM
	RETURN OR EXHAUST REGISTER OR GRILLE
	THERMOSTAT OR SENSOR, 48" AFF
	MANUAL VOLUME DAMPER
	MOTOR OPERATED DAMPER
CD	CEILING DIFFUSER
LD	LINEAR DIFFUSER
AC (IU)	AIR CONDITIONER INDOOR UNIT
AC (OU)	AIR CONDITIONER OUTDOOR UNIT
HP	HEAT PUMP UNIT

## BOILER

BOILER: LOCHINVAR KNIGHT XL MODEL KBX0500N, 500 MBH INPUT, 485 MBH OUTPUT, 97% EFFICIENCY, MODULATING BURNER WITH 10:1 TURNDOWN, 120V 3.1FLA 3.9MCA, STAINLESS STEEL WATER TUBE HEAT EXCHANGER, LCD DISPLAY, BACNET CONTROLS FOR CONNECTION TO EXISTING DELTA CONTROLLER.  
PROVIDE MANUFACTURER’S RECOMMENDED BOILER PUMP AND PIPING TRIM: TACO MODEL 2400–70–3P, 120V 1/2 HP. TRIM TO INCLUDE STRAINER, GAGES, CHECK VALVE, RELIEF VALVE, AND SYSTEM SENSOR. PROVIDE OUTDOOR AIR SENSOR AND OUTDOOR AIR RESET CONTROL. PROVIDE CONDENSATE NEUTRALIZATION KIT.

## CEILING EXHAUST FAN

BATHROOM CEILING EXHAUST FAN: REPLACE CEILING EXHAUST FAN IN WOMEN 103 AND MEN 108, 300 CFM, 0.25”ESP, EC MOTOR, WHITE EXHAUST GRILLE, VARIABLE SPEED CONTROLLER, 2.0 MAX SONES.

## MECHANICAL OUTLINE SPECIFICATIONS

- ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
- PROVIDE COMPLETE SUBMITTAL INFORMATION FOR EQUIPMENT AND DEVICES.
- RECORD ALL CHANGES IN THE WORK ON THE PROJECT RECORD DRAWINGS.
- PROVIDE DETAILED OPERATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
- MECHANICAL EQUIPMENT, MATERIALS AND LABOR SHALL INCLUDE A ONE YEAR WARRANTY AND FIVE YEAR COMPRESSOR WARRANTY.
- DRAWINGS INDICATE GENERAL LAYOUT OF PIPING, DUCTWORK AND EQUIPMENT. THE CONTRACTOR SHALL INVESTIGATE ALL STRUCTURAL, ELECTRICAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL ARRANGE THE MECHANICAL WORK ACCORDINGLY. PROVIDE ADDITIONAL FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED TO PROPERLY COMPLETE THE WORK, WHETHER OR NOT SUCH COMPONENTS ARE INDICATED ON THE DRAWINGS.
- ALL WORK SHALL BE NEW AND IS INCLUDED IN THE CONTRACT UNLESS SPECIFICALLY NOTED TO BE EXISTING OR NOT IN CONTRACT.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID, FABRICATION OR ORDERING OF EQUIPMENT.
- MOST EXISTING DUCTWORK AND PIPING IS NOT SHOWN ON THESE DRAWINGS. WHERE EXISTING DUCTWORK AND PIPING IS SHOWN, IT IS FOR INFORMATION PURPOSES AND IS BASED ON EXISTING RECORDS. VERIFY EXISTING CONSTRUCTION IN THE FIELD PRIOR TO BIDDING AND CONSTRUCTION. IF EXISTING DUCTWORK OR PIPING ARE SMALLER THAN INDICATED SIZE, NOTIFY THE A/E IMMEDIATELY.
- IN ADDITION TO DEMOLITION WORK INDICATED, PROVIDE MISCELLANEOUS SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION AS REQUIRED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION. REMOVE ALL COMPONENTS WHICH ARE NOT REQUIRED FOR THE PROPOSED CONSTRUCTION, INCLUDING HANGERS, ANCHORS, MOUNTING BRACKETS, AND OTHER MISCELLANEOUS COMPONENTS. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS DEMOLITION.
- CONFIRM LOCATION OF EXISTING AND NEW ELECTRICAL PANELBOARDS. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELBOARDS.
- COORDINATE ALL WORK WITH FIRE RATED ASSEMBLIES. PROVIDE FIRESTOPPING AT PENETRATIONS OF RATED ASSEMBLIES AND AT FLOORS. SEAL AIRTIGHT ALL PIPE AND DUCT PENETRATIONS OF NON–RATED ASSEMBLIES. ALL MATERIALS LOCATED IN RETURN AIR PLENUMS SHALL BE LISTED FOR INSTALLATION IN PLENUMS.
- COORDINATE INSTALLATION OF EQUIPMENT AND OTHER DEVICES TO PROVIDE ACCESS FOR SERVICING.
- PROVIDE ALL MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE SPECIFIED HEREIN.
- METAL ACCESS DOORS SHALL BE PROVIDED AS REQUIRED FOR ALL COMPONENTS REQUIRING ACCESS. COORDINATE LOCATIONS WHERE ACCESS DOORS WILL BE REQUIRED FOR VALVES, DAMPERS, SENSORS OR OTHER DEVICES.
- GALVANIZED SHEET METAL DUCTWORK CONSTRUCTION SHALL COMPLY WITH SMACNA STANDARDS WITH TURNING VANES OR LONG RADIUS ELBOWS AND MANUAL DAMPERS FOR BALANCING. INDICATED DUCT SIZES ARE INTERIOR AIRFLOW DIMENSIONS AND SHEET METAL SIZE MUST BE INCREASED ACCORDINGLY WHERE DUCT LINER IS SPECIFIED TO BE USED. AT EACH TAKEOFF TO A SUPPLY DIFFUSER, PROVIDE LOW–LOSS CONICAL OR TAPERED 45 DEGREE RECTANGULAR BRANCH TAKEOFF WITH MANUAL DAMPER. MANUAL VOLUME DAMPER TO HAVE LOCKING HANDLE WITH EXTENDED SHAFT AND STANDOFF FOR INSULATION THICKNESS. DUCTS SHALL BE FASTENED AND SEALED PER MECHANICAL CODE AND ENERGY CODE FOR 2.0 INCHES STATIC PRESSURE AND SMACNA SEAL CLASS A.
- INSULATE ALL SUPPLY, RETURN AND OUTSIDE AIR DUCTWORK. INSULATE TOP OF SUPPLY AIR CEILING DIFFUSERS. SEAL ALL INSULATION JOINTS VAPOR TIGHT. INSULATE WITH FIBERGLASS DUCT WRAP WITH ALL SERVICE VAPOR BARRIER JACKET. FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, MINIMUM INSTALLED R6. DUCTWORK IN ATTIC AND CRAWL SPACE SHALL HAVE MINIMUM INSTALLED R8 INSULATION PER ENERGY CODE. INSULATE EXTERIOR DUCTS WITH 6 LBS/CUFT RIGID DUCT INSULATION, MINIMUM R8, AND COVER WITH WATERTIGHT ALUMINUM SHEET METAL JACKET.
- FLEXIBLE DUCTS SHALL HAVE STEEL WIRE HELIX REINFORCEMENT, CONTINUOUS INNER LINER, R6 (R8 FOR ATTICS) FIBERGLASS INSULATION AND OUTER JACKET TO COMPLY WITH UL 181, CLASS 1. DIAMETER OF FLEX DUCT SHALL MATCH DIFFUSER INLET SIZE. SUPPORT EVERY FOUR FEET WITH MAXIMUM OF 1” SAG. MAXIMUM LENGTH IS EIGHT FEET.
- CEILING DIFFUSERS LAY–IN (CD) AND CEILING DIFFUSERS SURFACE MOUNT (CDS) TO HAVE FLUSH FACE LOUVERS, EXTRUDED ALUMINUM WITH ALUMINUM DAMPER, KRUEGER 5SHR SERIES FOR LAY–IN CEILING, FOUR WAY THROW UNLESS INDICATED OTHERWISE. LINEAR DIFFUSERS (LD) TO BE ALUMINUM KRUEGER MODEL 1900 SERIES WITH MUD FLANGE FRAME FOR FRAMELESS APPEARANCE, LENGTH AND NUMBER OF SLOTS AS INDICATED, 1” SLOT WIDTH, VERTICAL/HORIZONTAL THROW ADJUSTMENT, CONCEALED MOUNTING, WHITE FINISH FOR FIELD PAINTING, INACTIVE BLANK SECTION AND END CAPS FOR CONTINUOUS INSTALLATION, VISIBLE INTERIOR COMPONENTS SHALL HAVE BLACK FINISH, CUSTOM FABRICATED INSULATED SUPPLY BOOT WITH TOP INLET. RETURN GRILLES IN BALLROOMS SHALL BE REPLACED WITH CUSTOM GRILLES, PER ARCHITECTURAL DRAWING SHEETS A2–2 AND A5–2. RETURN AND TRANSFER GRILLES SHALL MATCH EXISTING GRILLES WITH 45 DEGREE VANES.
- PRIOR TO CEILING REMOVAL, VERIFY EXISTING CEILING AIR DEVICE SIZE AND TYPE. PROVIDE REPLACEMENT CEILING DIFFUSERS AND GRILLES AS SPECIFIED ABOVE.
- PROVIDE IDENTIFICATION MARKINGS FOR EQUIPMENT, PIPING AND CONTROLS. NAMEPLATES SHALL BE PLASTIC LAMINATE WITH 1/4” LETTERS.
- CONDENSATE LINES TO BE PVC WITH TRAP AND CLEANOUT TEE AT COOLING COIL. INSULATE WITH 3/4” PIPE WRAP. ROUTE TO NEAREST FLOOR DRAIN OR SERVICE SINK AND TERMINATE WITH AIR GAP FOR AN INDIRECT CONNECTION.
- REFRIGERANT LINES SHALL BE COPPER TUBING SIZED PER MANUFACTURER’S INSTRUCTIONS. SUPPORT LINES ON ROOF WITH CADDY PYRAMID PIPE SUPPORT BY NVENT. INSULATE REFRIGERANT LINES PER ENERGY CODE WITH THICKNESS BASED ON LINE SIZE AND MAXIMUM LINE TEMPERATURE, 1” MINIMUM THICKNESS. INSULATE WITH FLEXIBLE ELASTOMERIC CELLULAR INSULATION, SEAL JOINTS WITH VAPOR BARRIER MASTIC. INSULATION SHALL BE CONTINUOUS AT HANGERS. APPLY TWO COATS OF UV RESISTANT PROTECTIVE FINISH ON INTERIOR LINES. PROVIDE LOCKING CAPS ON ALL REFRIGERANT SERVICE VALVES.
- HEATING WATER PIPING SHALL BE ASTM 88, TYPE L COPPER TUBING WITH SOLDERED FITTINGS. INSTALL PIPING, HANGERS AND SUPPORTS PER ASME B31.9 AND VMC TABLE 305.4. PROVIDE MANUAL AIR VENTS AT HIGH POINTS, DRAINS AT LOW POINTS. PROVIDE UNIONS AT ALL EQUIPMENT CONNECTIONS AND ON EACH SIDE OF CONTROL VALVES.
- INSULATE PIPING PER ENERGY CODE REQUIREMENTS WITH FIBERGLASS PIPE WRAP WITH ALL SERVICE VAPOR BARRIER JACKET. FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, K–VALUE OF 0.24. INSULATION SHALL BE CONTINUOUS AT HANGERS. PROVIDE GALVANIZED INSULATION SHIELDS FOR PIPES LARGER THAN 1” DIAMETER. HEATING WATER PIPING – 2” THICK. CONDENSATE DRAIN PIPING – 3/4” THICK. LABEL WITH PIPE MARKERS.
- ISOLATION VALVES FOR WATER PIPING LESS THAN 2” SHALL BE FULL PORT BRONZE BALL VALVES, MSS SP–110, RATED FOR 250 PSI AND 250 F, WITH LEVER HANDLE AND THREADED ENDS. SOLDERED ENDS SHALL NOT BE USED. VALVES FOR 2” AND LARGER PIPING SHALL BE FLANGED BUTTERFLY VALVES, HIGH PERFORMANCE TYPE.
- GOOSENECK DUCTS SHALL HAVE 135 DEGREE TURN AND TERMINATE WITH 1/2” GALVANIZED WIRE MESH A MINIMUM OF 12” ABOVE THE ROOF. PAINT GOOSENECK DUCT TO MATCH ADJACENT ROOF FINISH. PROVIDE ROOF CURB AND FLASHING FROM DUCT TO CURB. COORDINATE WITH ROOFER FOR FLASHING OF ROOF CURB.
- PROVIDE NEW FLEXIBLE CONNECTORS AT CONNECTION OF DUCTWORK TO AIR HANDLING EQUIPMENT.
- ROOF EQUIPMENT RAILS FOR OUTDOOR UNITS AND DUCTWORK TO BE EQUAL TO MODEL TEMS–3 BY THYBAR. PREFABRICATED, HEAVY 14 GAGE GALVANIZED CONSTRUCTION, 16” HEIGHT (12” MINIMUM HEIGHT ABOVE ROOF MEMBRANE), WOOD NAILER AND CONTINUOUS 18 GAGE COUNTER FLASHING COVER. LENGTH AS REQUIRED TO SPAN THREE ROOF JOISTS. COORDINATE WITH ROOFER AND ROOF MANUFACTURER FOR INSTALLATION REQUIREMENTS TO MAINTAIN ROOF WARRANTY.
- COMBUSTION AIR AND VENT PIPES SHALL BE SCHEDULE 40 PVC PIPE, SIZED PER BOILER MANUFACTURER AND TERMINATED WITH APPROVED WALL CAP.
- INSTALL PIPING AND PIPE HANGERS PER ASME B31.9. SUPPORT PIPING AND SPACE HANGERS IN ACCORDANCE WITH VIRGINIA MECHANICAL CODE, TABLE 305.4.
- DUCT SMOKE DETECTOR IN MAIN RETURN DUCT OF AIR HANDLING SYSTEMS OF 2000 CFM OR GREATER. DETECTOR SHALL BE 24 VOLT TO DEENERGIZE FAN. PROVIDE SPARE CONTACTS FOR CONNECTION TO FIRE ALARM SYSTEM.
- TEST AND BALANCE ALL EQUIPMENT FOR PROPER OPERATION, AIRFLOW, CAPACITY, ACCEPTABLE SPACE TEMPERATURES AND NOISE LEVELS. MEASURE AND BALANCE AIR DISTRIBUTION SYSTEMS TO AIRFLOWS SHOWN ON THE PLANS. PERFORM TAB AND RECORD RESULTS PER AABC OR NEBB STANDARDS AND SUBMIT REPORT FOR REVIEW. INDEPENDENT AABC/NEBB CERTIFIED TAB CONTRACTOR SHALL BE USED.
- START–UP EQUIPMENT AND PERFORM FUNCTIONAL TEST IN HEATING AND COOLING MODES. PROGRAM THERMOSTATS AND INSTRUCT OWNER’S MAINTENANCE PERSONNEL ON THE OPERATION OF EQUIPMENT AND CONTROLS. PROVIDE FINAL FILTER CHANGE.

DATE: SEPT. 5, 2025

REVISIONS  
Δ  
Δ  
Δ  
Δ  
Δ

HUGHES ASSOCIATES  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA 24011  
www.hughesaec.com

Renovations to  
THE VINTON WAR MEMORIAL  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

SCHEDULES,  
DETAILS, AND  
SPECS. -  
MECHANICAL

MANN & ASSOCIATES, INC.  
150 North Street  
Roanoke, VA 24011  
540–344–5515

COMMONWEALTH OF VIRGINIA  
JOHN M. MANN  
Lic. No. 21023  
9–5–25  
PROFESSIONAL ENGINEER

COMMISSION No.  
24058.001

SHEET

M2-1

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION














PLUMBING FIXTURE SCHEDULE <small>SEE FIXTURE SCHEDULE NOTE 1</small>										
MARK	DESCRIPTION	FIXTURE WASTE	VENT	C.W.	H.W.	MANUFACTURER	MODEL	CATALOG NO.	REMARKS	MTG HGT
WC1	WALL WATER CLOSET, FLUSH VALVE--ACCESSIBLE	4"	2"	1"	----	AMERICAN STANDARD	AFWALL	2257.101	WALL MOUNTED, TOP SPUD, ELONGATED FRONT, 1.28 GPF. BEMIS 1955SSCT SEAT. PROVIDE TOTO ECOPOWER TET1LA32 SENSOR TOILET FLUSH VALVE. VERIFY EXISTING CONDITIONS AND COMPATIBILITY WITH EXISTING CARRIER PRIOR TO ORDERING FIXTURE. SEE SCHEDULE NOTE 3.	16--1/2" TO RIM
WC2	WALL WATER CLOSET, FLUSH VALVE	4"	2"	1"	----	AMERICAN STANDARD	AFWALL	2257.101	WALL MOUNTED, TOP SPUD, ELONGATED FRONT, 1.28 GPF. BEMIS 1955SSCT SEAT. PROVIDE TOTO ECOPOWER TET1LA32 SENSOR TOILET FLUSH VALVE. VERIFY EXISTING CONDITIONS AND COMPATIBILITY WITH EXISTING CARRIER PRIOR TO ORDERING FIXTURE.	15" TO RIM
UR1	URINAL--ACCESSIBLE	2"	1--1/2"	3/4"	----	AMERICAN STANDARD	WASHBROOK	6590.001	TOTO ECOPOWER TEU1LA12 SENSOR URINAL FLUSH VALVE, 0.5 GPF, OVERRIDE BUTTON. PROVIDE FLOOR MOUNTED CARRIER.	17" TO RIM
UR2	URINAL	2"	1--1/2"	3/4"	----	AMERICAN STANDARD	WASHBROOK	6590.001	TOTO ECOPOWER TEU1LA12 SENSOR URINAL FLUSH VALVE, 0.5 GPF, OVERRIDE BUTTON. PROVIDE FLOOR MOUNTED CARRIER.	24" TO RIM
L1	OVAL UNDERMOUNT LAVATORY --ACCESSIBLE	1--1/2"	1--1/4	1/2"	1/2"	AMERICAN STANDARD	OVALYN	0496100.020	UNDERMOUNT WHITE OVAl LAVATORY, DELTA MODEL DSP--L--25892LF--CZ, CHAMPAGNE BRONZE FINISH, ARCADIA COLLECTION, TWO--HANDLE DECK MOUNT, THERMOSTATIC MIXING VALVE, 0.5 GPM AERATOR, OFFSET GRID DRAIN STRAINER, TRUBRO MODEL #102--Z WASTE & WATER PIPE INSULATION. ANGLE SUPPLIES & STOPS, SEE FIXTURE SCHEDULE NOTE 2.	COUNTER TOP, SEE ARCH.
L2	WALL LAVATORY --ACCESSIBLE	1--1/2"	1--1/4	1/2"	1/2"	KOHLER (ALTERNATE) (KOHLER)	MODERNLIFE (PINOIR)	K--77768--8--0 (K--2035--4)	WALL MOUNT WHITE LAVATORY, RECTANGULAR BASIN, DELTA MODEL DSP--L--25892LF--CZ, CHAMPAGNE BRONZE FINISH, ARCADIA COLLECTION, TWO--HANDLE DECK MOUNT, THERMOSTATIC MIXING VALVE, 0.5 GPM AERATOR, OFFSET GRID DRAIN STRAINER, TRUBRO MODEL #102--Z WASTE & WATER PIPE INSULATION. ANGLE SUPPLIES & STOPS, SEE FIXTURE SCHEDULE NOTE 2.	34" SEE ARCH.
S1	SINK, SINGLE BOWL ADA SIDE APPROACH	1--1/2"	1--1/4"	1/2"	1/2"	ELKAY	CROSSTOWN	ECTRU21179T	UNDERMOUNT STAINLESS STEEL BOWL, PROVIDE ELKAY FAUCET LK6000 WITH SINGLE HANDLE, PULL--DOWN SPRAYER, BASKET STRAINER, SUPPLIES & STOPS.	COUNTER TOP MOUNTED
FD	FLOOR DRAIN	2", 3"	----	----	----	JAY R. SMITH	----	2005	PROVIDE WITH ROUND BRONZE TOP. PROVIDE SURE SEAL TRAP SEAL.	----
FS	FLOOR SINK	4"	----	----	----	JAY R. SMITH	PVCEPTOR	305	12"x12" HALF GRATE AND DOME BOTTOM STRAINER, 200F MAXIMUM DRAIN WATER TEMPERATURE.	----

**FIXTURE SCHEDULE NOTES:**

- SUBMIT PLUMBING FIXTURE SHOP DRAWINGS FOR OWNER, ARCHITECT, INTERIOR DESIGNER, AND PLUMBING ENGINEER REVIEW AND APPROVAL. SEE ARCHITECTURAL DRAWINGS FOR INSTALLATION DETAILS, DIMENSIONS, AND CLEARANCES.
- PROVIDE THERMOSTATIC MIXING VALVE SET AT 109°F MAX., WILKINS MODEL ZW1070, ASSE 1070. MOUNTED BELOW FIXTURE. MOUNT HIGH UNDER LAVATORY TO CONCEAL FROM VIEW.
- INSTALL FLUSH VALVES TO MAINTAIN 1--1/2" MINIMUM CLEARANCE BELOW GRAB BAR.

**REPLACEMENT FIXTURES:**

VERIFY EXISTING CONDITIONS PRIOR TO ORDERING REPLACEMENT FIXTURES. PROVIDE ALL NEW TRIM TO INCLUDE P--TRAPS, FLEX SUPPLIES, STOP VALVE, ESCUTCHEONS, AND ASSOCIATED INSTALLATION COMPONENTS.

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	SANITARY PIPING
	VENT PIPING
	PIPE TURN DOWN
	PIPE TURN UP
	ISOLATION VALVE
	SANITARY WASTE PIPING
	COLD WATER
	HOT WATER
	AIR ADMITTANCE VALVE

## PLUMBING OUTLINE SPECIFICATIONS

- ALL WORK SHALL COMPLY WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
- ALL DOMESTIC WATER SYSTEM COMPONENTS, PIPING, FITTINGS, SOLDER, VALVES, FAUCETS, AND MATERIALS IN CONTACT WITH DRINKING WATER SHALL BE CERTIFIED LEAD--FREE TO MEET NSF/ANSI STANDARD 61/372 CONTAINING LESS THAN 0.25% LEAD BY WEIGHT.
- PROVIDE COMPLETE SUBMITTAL INFORMATION FOR FIXTURES, EQUIPMENT AND DEVICES.
- RECORD ALL CHANGES IN THE WORK ON THE PROJECT RECORD DRAWINGS.
- PROVIDE DETAILED OPERATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT.
- PLUMBING EQUIPMENT, MATERIALS AND LABOR SHALL INCLUDE A ONE YEAR WARRANTY.
- DRAWINGS INDICATE GENERAL LAYOUT OF PIPING AND EQUIPMENT. COORDINATE INSTALLATION WITH OTHER TRADES AND PROVIDE ADDITIONAL FITTINGS, OFFSETS AND TRANSITIONS AS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR CRITICAL INSTALLATION DIMENSIONS.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID, FABRICATION OR ORDERING OF EQUIPMENT. VERIFY SITE CONDITIONS INCLUDING LOCATION FOR CONNECTIONS OF WATER AND SANITARY WASTE PIPING.
- MOST EXISTING PIPING IS NOT SHOWN ON THESE DRAWINGS. WHERE EXISTING PIPING IS SHOWN, IT IS FOR INFORMATION PURPOSES AND IS BASED ON EXISTING DRAWINGS. VERIFY EXISTING CONSTRUCTION IN THE FIELD PRIOR TO BIDDING AND CONSTRUCTION. IF EXISTING PIPES ARE SMALLER THAN INDICATED SIZE, NOTIFY THE A/E IMMEDIATELY.
- IN ADDITION TO DEMOLITION WORK INDICATED, PROVIDE MISCELLANEOUS SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION AS REQUIRED FOR PROPER INSTALLATION OF THE PROPOSED CONSTRUCTION. REMOVE ALL COMPONENTS WHICH ARE NOT REQUIRED FOR THE PROPOSED CONSTRUCTION INCLUDING HANGERS, ANCHORS, MOUNTING BRACKETS, AND OTHER MISCELLANEOUS COMPONENTS. THESE DRAWINGS DO NOT PURPORT TO SHOW ALL MISCELLANEOUS DEMOLITION.
- CONFIRM LOCATION OF EXISTING AND NEW ELECTRICAL PANELBOARDS. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELBOARDS.
- COORDINATE ALL WORK WITH FIRE RATED ASSEMBLIES. PROVIDE FIRESTOPPING AT PENETRATIONS OF RATED ASSEMBLIES AND AT FLOORS. SEAL AIRTIGHT ALL PIPE AND DUCT PENETRATIONS OF NON--RATED ASSEMBLIES. ALL MATERIALS LOCATED IN RETURN AIR PLENUMS SHALL BE LISTED FOR INSTALLATION IN PLENUMS.
- COORDINATE INSTALLATION OF EQUIPMENT AND OTHER DEVICES TO PROVIDE ACCESS FOR SERVICING.
- PROVIDE ALL MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, WHETHER OR NOT THESE COMPONENTS ARE SPECIFIED HEREIN.
- MOUNT ALL EQUIPMENT PLUMB AND LEVEL WITH SUBSTANTIAL FASTENERS SUITABLE FOR THE LOAD. ALL COMPONENTS SHALL BE RIGIDLY ANCHORED FOR LONG LIFE UNDER HARD USE.
- METAL ACCESS DOORS SHALL BE PROVIDED AS REQUIRED FOR ALL COMPONENTS REQUIRING ACCESS. COORDINATE LOCATIONS WHERE ACCESS DOORS WILL BE REQUIRED FOR CLEANOUTS, VALVES, SHOCK ARRESTORS OR OTHER DEVICES.
- PROVIDE SLEEVES FOR ALL PIPE PENETRATIONS IN MASONRY WALLS AND CONCRETE. ANCHOR SLEEVES TO ADJACENT STRUCTURE. SLEEVE ALL PIPES AT FOOTINGS AND FOUNDATION WALLS.
- INSTALL PIPING AND PIPE HANGERS PER ASME B31.9. SUPPORT PIPING AND SPACE HANGERS IN ACCORDANCE WITH VIRGINIA PLUMBING CODE, TABLE 308.5.
- WATER PIPING, ABOVE GROUND: COPPER, TYPE L, ASTM B 88M, SOLDER FITTINGS. FLUSH CLEAN AND DISINFECT.
- SANITARY WASTE AND VENT PIPING, ABOVE GROUND: SCHEDULE 40 PVC, DWV, ASTM D2665. FITTINGS SHALL BE PVC WITH SOLVENT WELD JOINTS WITH ASTM D 2564 SOLVENT CEMENT.
- INSTALL CLEANOUTS IN ACCORDANCE WITH VIRGINIA PLUMBING CODE. CLEANOUTS SHALL BE SAME MATERIAL AS DRAIN PIPING. LOCATE AT CHANGES OF DIRECTION GREATER THAN 45 DEGREES IN HORIZONTAL RUNS, AT BASE OF STACKS, AND NEAR THE JUNCTION OF THE BUILDING DRAIN AND THE BUILDING SEWER.
- ISOLATION VALVES FOR WATER PIPING SHALL BE QUARTER TURN BALL VALVES, MSS SP--110, CLASS 150 WITH LEVER HANDLE AND THREADED ENDS. SOLDERED ENDS SHALL NOT BE USED.
- CIRCUIT SETTERS FOR HOT WATER RECIRCULATING SYSTEM SHALL BE B&G MODEL CB, BALANCING BALL VALVE WITH INTEGRAL VALVED READ--OUT PORTS, MEMORY STOP AND CALIBRATED NAMEPLATE. START--UP AND PERFORM FUNCTIONAL TESTING OF RECIRCULATING SYSTEM AND BALANCE WATER FLOW.
- PROVIDE ASSE 1072 SURESEAL TRAP SEALER IN ALL FLOOR DRAINS.
- AIR ADMITTANCE VALVES PER ASSE 1051 AND INSTALLED IN AN ACCESSIBLE AND VENTILATED LOCATION FOR PROPER OPERATION. LOCATE A MINIMUM OF 4" ABOVE FIXTURE DRAIN. AAV TO BE UL LISTED WHEN INSTALLED IN A RETURN AIR PLENUM.
- INSULATE ALL NEW AND DISTURBED EXISTING WATER PIPING WITH FIBERGLASS PIPE WRAP WITH ALL SERVICE VAPOR BARRIER JACKET. FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, K--VALUE OF 0.24. MINIMUM THICKNESS OF 1" THICKNESS FOR HOT WATER AND 1/2" FOR COLD WATER. SEAL COLD WATER PIPE INSULATION WITH VAPOR BARRIER MASTIC. INSULATION SHALL BE CONTINUOUS AT HANGERS. PROVIDE GALVANIZED INSULATION SHIELDS FOR PIPES LARGER THAN 1" DIAMETER.
- PLUMBING FIXTURES SHALL BE WHITE VITREOUS CHINA UNLESS INDICATED OTHERWISE AND SHALL BE IN COMPLIANCE WITH ASME 112.18, ASME A112.19.2 AND ANSI A117.1, AND MEET ADA REQUIREMENTS WHERE REQUIRED. INSTALL PER MANUFACTURER'S INSTRUCTIONS AND CAULK TO WALL AND FLOOR SURFACES WITH COLOR TO MATCH FIXTURE. FURNISH AND INSTALL FIXTURES COMPLETE WITH ALL TRIM INCLUDING SUPPLIES, CHROME ESCUTCHEONS, WASTE AND VENT CONNECTIONS, FITTINGS, CARRIERS, HANGERS AND SUPPORTS. BOLT CAPS, FAUCETS, VALVES AND TRAPS. ALL TRIM SHALL BE BRASS WITH CHAMPAGNE BRONZE FINISH. TRAPS SHALL BE 17 GAUGE WITH CLEANOUT PLUG.
- WATER SUPPLY TO FIXTURES TO INCLUDE CHROME ESCUTCHEONS, ANGLE SUPPLY VALVE WITH QUARTER TURN HANDLE. FLEXIBLE SUPPLIES TO BE CHROME PLATED COPPER TUBE RISERS OR BRAIDED STAINLESS STEEL.
- PROVIDE CHROME ESCUTCHEONS AT PIPE PENETRATIONS OF WALLS AND FLOORS.
- PERFORM TESTING OF WATER, SANITARY AND VENT PIPES PER VIRGINIA PLUMBING CODE. DISINFECT WATER PIPING PER LOCAL HEALTH DEPARTMENT REQUIREMENTS. PROVIDE ALL NECESSARY TESTS AND COORDINATE INSPECTIONS AND APPROVAL PER LOCAL REQUIREMENTS.

DATE: SEPT. 5, 2025

REVISIONS

Δ	
Δ	
Δ	
Δ	
Δ	

**HUGHES ASSOCIATES**  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations to  
**THE VINTON WAR MEMORIAL**  
814 E Washington Ave Vinton, Virginia 24179

DRAWN BY: DAR  
CHECKED BY: JMM

SCHEDULES  
AND SPECS. -  
PLUMBING

MANN & ASSOCIATES, INC. |  
306 Market Street  
Roanoke, VA 24011  
540-344-5515 2502

COMMONWEALTH OF VIRGINIA  
JOHN M. MANN  
Lic. No. 21023  
9-5-25  
PROFESSIONAL ENGINEER

COMMISSION No.  
24058.001  
SHEET  
M2-2

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



ELECTRICAL GENERAL NOTES:

1. ALL CONDUCTORS SHALL BE COPPER, UNLESS OTHERWISE INDICATED.
2. MOUNT ALL RECEPTACLES AT 18" ABOVE FINISHED FLOOR TO THE TOP OF THE COVER PLATE, UNLESS OTHERWISE INDICATED.
3. FOR RECEPTACLES REQUIRING GFCI PROTECTION AND WHERE THE RECEPTACLE IS CONCEALED (I.E. IN THE CASE OF A WATER FOUNTAIN OR VENDING MACHINE INSTALLATION), THE CONTRACTOR SHALL PROVIDE A STANDARD RECEPTACLE WITH A GFCI CIRCUIT BREAKER IN THE ASSOCIATED PANEL. BLANK FACE GFCI TEST/RESET BUTTONS ARE NOT PERMITTED UNLESS EXPLICITLY NOTED ON THESE DRAWINGS.
4. FOR ALL EXTERIOR ELECTRICAL EQUIPMENT, FURNISH AND INSTALL WITH NEMA 3R ENCLOSURES MINIMUM. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN THIS REQUIREMENT AND INFORMATION LOCATED ELSEWHERE IN THE ELECTRICAL DOCUMENTS, THE CONTRACTOR SHALL BID ACCORDING TO THE MOST STRINGENT REQUIREMENT.
5. VERIFY DOOR SWINGS PRIOR TO INSTALLING LIGHT SWITCHES.
6. GANG ALL SWITCHES SHOWN TO BE INSTALLED AT THE SAME LOCATION UNDER A SINGLE COVER PLATE, UNLESS OTHERWISE INDICATED.
7. SEE ARCHITECTURAL DRAWINGS FOR RATED WALL, FLOOR AND CEILING CONSTRUCTION, AND PROVIDE REQUIRED RATED DEVICES AND FIRE SEALANT FOR PENETRATIONS. WHERE NEW DEVICES ARE SHOWN RECESSED IN RATED PARTITIONS, CAREFULLY COORDINATE LOCATIONS AND OFFSETS.
8. COORDINATE WITH OTHER DISCIPLINES IN THE FIELD TO ENSURE THAT THE INTEGRITY OF FIRE RATED CONSTRUCTION IS PRESERVED WHERE PENETRATING RATED WALLS, FLOORS AND CEILINGS.
9. EXPOSED CONDUIT AND BOXES MAY ONLY BE USED IN UNFINISHED AREAS (MECHANICAL ROOMS, ELECTRICAL ROOMS, TELECOMMUNICATIONS ROOMS, ETC.).
10. THE CONTRACTOR SHALL ROUTE ALL EXPOSED CONDUIT NEATLY AND TIGHT TO SUPPORTING SURFACES. IN THE EVENT THAT THE OWNER IS NOT SATISFIED WITH WORKMANSHIP, THE CONTRACTOR SHALL MAKE CORRECTIONS AT NO ADDITIONAL COST TO THE OWNER. MC CABLE IS NOT PERMITTED IN EXPOSED AREAS.
11. IN THE EVENT THAT THERE IS A DISCREPANCY IN THE MINIMUM CIRCUIT AMPACITY (MCA) AND/OR THE MAXIMUM OVERCURRENT PROTECTION (MOPP) BETWEEN THE DIVISION 26 AND DIVISION 22/23 SCHEDULES, THE CONTRACTOR SHALL BID ACCORDING TO THE MORE STRINGENT REQUIREMENTS.
12. MECHANICAL, PLUMBING, AND OTHER EQUIPMENT FURNISHED AND INSTALLED BY OTHER DIVISIONS IS SHOWN ON THE ELECTRICAL DRAWINGS FOR CIRCUITING PURPOSES ONLY. THE CONTRACTOR SHALL LOCATE LIGHT FIXTURES TO BEST ILLUMINATE WALKING AND WORKING SURFACES, AND LOCATE OUTLETS AND DISCONNECTING MEANS SUCH THEY ARE EASILY ACCESSIBLE FOLLOWING THE INSTALLATION OF ALL DEVICES AND EQUIPMENT IN THESE SPACES.
14. ALL MECHANICAL EQUIPMENT SHALL HAVE A RECEPTACLE INSTALLED WITHIN 25 FEET. A SINGLE RECEPTACLE CAN ACCOMPLISH THIS PURPOSE FOR MULTIPLE PIECES OF EQUIPMENT. A RECEPTACLE LOCATED BELOW A LAY-IN CEILING ON THE SAME LEVEL AS A PIECE OF MECHANICAL EQUIPMENT COMPLIES WITH THIS REQUIREMENT. IN THE EVENT THAT FIELD CONDITIONS DICTATE THAT A RECEPTACLE CANNOT MEET THIS REQUIREMENT FOR ALL OF THE INTENDED PIECES OF EQUIPMENT IN AN AREA ON THE DRAWINGS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL RECEPTACLES AS REQUIRED.
15. PROVIDE SYSTEM SMOKE DETECTORS IN THE RETURN DUCTS OF AIR HANDLING UNITS GREATER THAN 2000 CFM. REFER TO DIVISION 23 SCHEDULES FOR UNITS MEETING THIS REQUIREMENT.
16. DUCT SMOKE DETECTORS FOR AIR HANDLING EQUIPMENT SHALL BE INSTALLED IN THE DUCT OR DUCTS BEFORE ANY BRANCH TAKE-OFFS. CONTROL WIRING FROM THE SMOKE DETECTOR CONTROL RELAY SHALL BE PROVIDED BY THE CONTROLS SYSTEM CONTRACTOR. WHERE THE DUCTWORK CONFIGURATION IS SUCH THAT ONE DETECTOR WILL NOT PROPERLY SAMPLE THE AIR, ADDITIONAL DETECTORS SHALL BE PROVIDED. THE FIRE ALARM SYSTEM SUPPLIER SHALL MAKE THIS DETERMINATION BEFORE SUBMITTING THEIR BID.
17. LOAD SIDE CONDUCTOR AND CONDUIT SIZES FROM DISCONNECT SWITCHES, STARTERS AND VFDS TO EQUIPMENT SHALL BE THE SAME AS LINE SIDE CONDUCTORS AND CONDUIT.
18. CAREFULLY COORDINATE ALL ELECTRICAL EQUIPMENT LOCATIONS WITH DUCTWORK, PIPING AND MECHANICAL EQUIPMENT. MAINTAIN ALL CLEARANCES AND SPACES REQUIRED BY THE NEC.
19. WHERE MULTIPLE CIRCUITS ARE COMBINED IN A SINGLE CONDUIT, DERATE CONDUCTORS PER THE NEC.
20. SEE ON-DRAWING SPECIFICATIONS FOR REQUIREMENTS REGARDING OVERSIZING CONDUCTORS FOR 1-POLE, 15- AND 20-AMP CIRCUITS TO REDUCE VOLTAGE DROP. THESE OVERSIZING REQUIREMENTS TAKE PRECEDENCE OVER THE WIRE AND CONDUIT SIZES SHOWN IN THE PANEL SCHEDULES. OVERSIZED CONDUCTORS FOR VOLTAGE DROP ON OTHER CIRCUITS ARE INDICATED IN THE PANEL SCHEDULES.
21. UNLESS INDICATED OTHERWISE, ALL EXIT SIGNS AND THE VOLTAGE SENSING TERMINALS OF ALL EMERGENCY BATTERY PACKS SHALL BE CONNECTED AHEAD OF ALL SWITCHES, RELAYS, SENSORS AND POWER PACKS WITH 2-#12 AND 1-#12 GROUND IN 3/4" CONDUIT.
22. ALL EMERGENCY LIGHTING FIXTURES SHALL BE MARKED SO AS TO BE IDENTIFIED BY VISUAL INSPECTION FOR TESTING PURPOSES. IDENTIFICATION SHALL BE BY ONE 1/2" RED SELF-STICK DOT ON THE VERTICAL PORTION OF THE LOUVER OR ON THE TOP OF THE LENS.
23. THE EXACT LOCATION AND ORIENTATION OF OCCUPANCY AND VACANCY SENSORS SHALL BE AS RECOMMENDED BY THE MANUFACTURER TO OBTAIN COMPLETE COVERAGE. IF THE CONTRACTOR USES A SENSOR THAT HAS A COVERAGE PATTERN DIFFERENT FROM THAT WHICH IS SPECIFIED, AND ADDITIONAL SENSORS ARE REQUIRED TO COMPLETELY COVER A SPACE, THE CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER. ALL OCCUPANCY SENSOR TIME DELAYS SHALL BE SET TO NO MORE THAN 30 MINUTES.
24. UNLESS INDICATED OTHERWISE, SWITCHES AND OCCUPANCY/VACANCY SENSORS IN A ROOM/SPACE SHALL CONTROL ALL LIGHTING FIXTURES IN THAT ROOM/SPACE.
25. CAREFULLY COORDINATE THE LOCATIONS OF ALL LIGHTING FIXTURES, LIGHTING CONTROL SENSORS, FIRE ALARM NOTIFICATION APPLIANCES, AND OTHER ELECTRICAL CEILING DEVICES WITH SPRINKLER HEADS AND HVAC CEILING DEVICES. COORDINATE SURFACE MOUNTED LIGHTING FIXTURES, LIGHTING CONTROL SENSORS, SMOKE AND HEAT DETECTORS, FIRE ALARM NOTIFICATION APPLIANCES, AND OTHER ELECTRICAL CEILING DEVICES WITH SPRINKLER HEADS SO THAT THEY DO NOT INTERFERE WITH OR BLOCK THE WATER FLOW FROM THE SPRINKLER HEAD AND REDUCE COVERAGE AREA.
26. PROVIDE SHALLOW BOXES FOR NEW DEVICES IN FURRED WALLS. COORDINATE DEPTH WITH ARCHITECTURAL.
27. FOR WALL DEVICES MOUNTED ABOVE ARCHITECTURAL ITEMS, COORDINATE THE MOUNTING HEIGHTS OF THE WALL MOUNTED DEVICES SUCH THAT THEY DO NOT INTERFERE WITH THE ARCHITECTURAL ITEMS.
28. "HOMERUN" CONDUITS SHALL BE RUN DOWN CORRIDORS FROM THE RESPECTIVE ELECTRICAL ROOM AND NOT THROUGH OFFICES OR OTHER SIMILAR SPACES.
29. PROVIDE TYPED AS-BUILT PANEL SCHEDULES. HANDWRITTEN PANEL SCHEDULES WILL NOT BE ACCEPTED.
30. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR BID IN ORDER TO VERIFY ALL EXISTING CONDITIONS, TO DETERMINE THE FULL EXTENT OF DEMOLITION WORK REQUIRED, AND TO DETERMINE THE FULL EXTENT OF RELOCATION AND MODIFICATION WORK REQUIRED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING ALL ELECTRICAL WORK WITH NEW AND EXISTING PIPING, DUCTWORK, CONDUIT, ETC. NO CHANGE ORDERS WILL BE APPROVED FOR ADDITIONAL WORK DUE TO THE CONTRACTOR NEGLECTING TO VISIT THE SITE AND GATHER ALL NECESSARY INFORMATION.
31. ALL RECEPTACLE AND TOGGLE SWITCH WALL PLATES SHALL BE LABELED WITH THE PANEL AND CIRCUIT NUMBER FROM WHICH THEY ARE FED.

GENERAL DEMOLITION NOTES:

1. SCOPE: THE SCOPE OF ELECTRICAL DEMOLITION IS DEFINED IN THE FOLLOWING NOTES AND IN LIMITED FASHION ON THE DRAWINGS. THE DRAWINGS ARE ONLY INTENDED TO BE A PARTIAL REPRESENTATION OF THE ACTUAL DEMOLITION WORK REQUIRED. THESE NOTES ONLY APPLY TO THE AREAS OF RENOVATION. IN GENERAL, THE DEMOLITION SCOPE IS THE REMOVAL OF ALL EXISTING LIGHTING AND MECHANICAL SYSTEMS IN THE AREAS OF RENOVATION, EXCEPT AS NOTED OTHERWISE IN THESE NOTES AND ON THE DRAWINGS.
2. SWITCHES: EXCEPT WHERE INDICATED OTHERWISE, EXISTING SWITCHES AND CIRCUITS LOCATED WITHIN THE AREAS OF RENOVATION SHALL BE REMOVED. WHERE FLUSH MOUNTED SWITCHES TO BE REMOVED (NOT REPLACED IN PLACE) OCCUR IN EXISTING WALLS TO REMAIN, REMOVE DEVICE AND COVER PLATE, REMOVE WIRES, AND PROVIDE BLANK COVER PLATE. COVER PLATE SHALL MATCH COVER PLATES FOR NEW WORK. WHERE SURFACE MOUNTED SWITCHES TO BE REMOVED OCCUR ON EXISTING WALLS TO REMAIN, ALSO REMOVE ASSOCIATED EXPOSED BOXES, CONDUIT AND SURFACE RACEWAY.
3. FIRE ALARM SYSTEM : THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN AND SHALL BE MODIFIED AND EXTENDED. REMOVE EXISTING FIRE ALARM DEVICES LOCATED WITHIN THE AREAS OF RENOVATION WHERE SPECIFICALLY INDICATED. PROVIDE TEMPORARY WIRING AS REQUIRED TO MAINTAIN SYSTEM OPERATION WHEN AN AREA IS DISCONNECTED FOR RENOVATION.
4. MECHANICAL EQUIPMENT: DISCONNECT EXISTING MECHANICAL EQUIPMENT THAT IS BEING REMOVED, AND REMOVE ALL ASSOCIATED STARTERS, DISCONNECTS, ETC. ABANDON CONDUITS AND CONDUCTORS CONCEALED IN EXISTING WALLS TO REMAIN. WHERE CONDUIT COMES UP FROM FLOOR, CUT CONDUIT FLUSH WITH FLOOR, FILL IT WITH GROUT, AND FINISH TO MATCH FLOOR SURFACE. REMOVE CONDUITS AND CONDUCTORS EXPOSED, CONCEALED ABOVE CEILING, AND EXTERIOR EXPOSED. CONDUIT AND CONDUCTORS TO REMOVED MECHANICAL EQUIPMENT SHALL BE REUSED ONLY WHERE SPECIFICALLY INDICATED. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION. UNLESS SPECIFICALLY INDICATED OTHERWISE, EXISTING WIRING TO EXISTING-TO-REMAIN EQUIPMENT SHALL REMAIN.
5. ELECTRICAL SERVICE: THE EXISTING ELECTRICAL SERVICE SHALL BE RE-USED, BUT SOME DOWNTIME WILL LIKELY STILL BE REQUIRED. ALL ELECTRICAL SERVICE DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER AND SHALL BE AT THE OWNERS CONVENIENCE. DOWNTIME SHALL BE KEPT TO THE MINIMUM. ALL EXTENDED DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER.
6. EXTERIOR LIGHTING: REMOVE ALL EXISTING EXTERIOR BUILDING-MOUNTED LIGHTING FIXTURES AND POLE-MOUNTED LIGHTING HEADS. EXISTING POLE BASES SHALL REMAIN FOR REUSE IN THE NEW WORK PHASE. ALL CONTROLS (TIMECLOCKS, PHOTOSENSORS, ETC.) AND WIRING ASSOCIATED WITH EXISTING EXTERIOR LIGHTING SHALL REMAIN FOR REUSE IN THE NEW WORK PHASE.
7. INTERIOR LIGHTING: REMOVE ALL EXISTING INTERIOR LIGHTING FIXTURES AND CONTROLS, EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE.
8. EMERGENCY LIGHTING: EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE, REMOVE ALL EXISTING EXIT SIGNS, EMERGENCY LIGHTING HEADS AND EMERGENCY BATTERY PACKS. PROVIDE BLANK COVER PLATES AS NECESSARY.
9. CONDUIT: WHERE EXISTING CONDUIT IS EXPOSED DUE TO DEMOLITION OF WALLS, CONDUIT SHALL BE REMOVED, UNLESS INDICATED TO REMAIN OR NECESSARY TO MAINTAIN SERVICE TO EXISTING ITEMS TO REMAIN. WHERE CONDUIT RISES FROM FLOOR TO FEED REMOVED ITEMS, CUT CONDUIT FLUSH WITH FLOOR AND FILL IT WITH GROUT. FINISH TO MATCH FLOOR SURFACE. ALL ACCESSIBLE UNUSED CONDUIT SHALL BE REMOVED; ALL INACCESSIBLE UNUSED CONDUIT SHALL BE ABANDONED. ALL CONDUIT TO NEW DEVICES AND EQUIPMENT SHALL BE NEW, UNLESS NOTED OTHERWISE.
10. WIRING: ALL WIRING TO DEMOLISHED DEVICES AND EQUIPMENT SHALL BE REMOVED, UNLESS NOTED OTHERWISE. ALL EXISTING WIRING TO EXISTING-TO-REMAIN DEVICES AND EQUIPMENT SHALL REMAIN. UNLESS NOTED OTHERWISE, ALL ACCESSIBLE UNUSED WIRING SHALL BE REMOVED; ALL INACCESSIBLE UNUSED WIRING SHALL BE ABANDONED. ALL WIRING TO NEW DEVICES AND EQUIPMENT SHALL BE NEW, UNLESS NOTED OTHERWISE.
11. MAINTAIN CIRCUIT CONTINUITY AS NECESSARY IN ALL DEMOLITION WORK.
12. THE CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ELECTRICAL EQUIPMENT REMOVED FROM THE BUILDING. IF THE OWNER DESIRES TO RETAIN EQUIPMENT, HE WILL REMOVE IT FROM THE SITE. ALL EQUIPMENT NOT RETAINED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. DISPOSAL OF ALL EQUIPMENT CONTAINING HAZARDOUS MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE COST OF DISPOSAL SHALL BE INCLUDED.
13. INFORMATION ON DEMOLITION DRAWINGS DOES NOT INDICATE ALL EXISTING EQUIPMENT AND DEVICES. REFER TO ARCHITECTURAL AND MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
14. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID AND SHALL VERIFY ALL DEMOLITION REQUIRED. ADDITIONAL COMPENSATION WILL NOT BE ALLOWED FOR DEMOLITION DUE TO CONTRACTOR NOT VISITING SITE AND DETERMINING FULL SCOPE OF DEMOLITION REQUIRED.
15. SEE THE DEMOLITION FLOOR PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS. ON THE DEMOLITION FLOOR PLANS AND RISERS, ALL DASHED ITEMS SHALL BE REMOVED AND ALL SOLID ITEMS SHALL REMAIN, UNLESS NOTED OTHERWISE. SOME DEMOLITION ITEMS ARE AFFECTED BY ADD ALTERNATES. AS INDICATED IN THE FLOOR PLANS. NEW WORK FLOOR PLANS MAY CONTAIN ADDITIONAL DEMOLITION INFORMATION IN SOME LOCATIONS.

ELECTRICAL SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)	SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING FIXTURES (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)		MOTOR CONTROLLERS AND EQUIPMENT	
	LIGHTING FIXTURE, SYMBOL SIZE VARIES WITH FIXTURE TYPE.		MOTOR, MAKE FINAL ELECTRICAL CONNECTIONS
	LIGHTING FIXTURE WITH INTEGRAL BATTERY BACKUP, SYMBOL SIZE VARIES WITH FIXTURE TYPE.		3-PHASE MOTOR, MAKE FINAL ELECTRICAL CONNECTIONS
	DOWNLIGHT FIXTURE		DISCONNECT SWITCH
	LIGHTING FIXTURE, WALL MOUNTED.		COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	DOWNLIGHT FIXTURE WITH INTEGRAL BATTERY BACKUP		MOTOR STARTER
	LIGHTING FIXTURE, WALL MOUNTED, WITH INTEGRAL BATTERY BACKUP.		MANUAL MOTOR TOGGLE SWITCH, HORSEPOWER RATED, SINGLE POLE U.N.O.
	EXIT SIGN WITH DIRECTIONAL ARROWS AS INDICATED		VARIABLE FREQUENCY DRIVE (FURNISHED BY DIVISION 23)
	EMERGENCY LIGHTING UNIT WITH INTEGRAL BATTERY BACKUP	ELECTRICAL EQUIPMENT	
LIGHTING CONTROL DEVICES			ELECTRICAL BRANCH OR DISTRIBUTION PANELBOARD - SEE RISER FOR ADDITIONAL INFORMATION
	SINGLE-POLE TOGGLE SWITCH	SUBSCRIPTS AND ABBREVIATIONS	
	3-WAY SWITCH	AFF	ABOVE FINISHED FLOOR
	WALL DIMMER SWITCH	DISP	GARBAGE DISPOSAL OUTLET WITH TOGGLE SWITCH
	SWITCH WITH INTEGRAL OCCUPANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	ED	EXISTING TO BE DEMOLISHED
	SWITCH WITH INTEGRAL VACANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	ER	EXISTING TO REMAIN
	LOW-VOLTAGE SWITCH. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	ERL	EXISTING TO BE RELOCATED
	CEILING MOUNTED OCCUPANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	ERN	EXISTING TO BE REMOVED AND NEW INSTALLED
	WALL MOUNTED OCCUPANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	EX	EXISTING
	CEILING MOUNTED VACANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
	WALL MOUNTED VACANCY SENSOR. SUBSCRIPT INDICATES TYPE AS SCHEDULED.	MW	MICROWAVE OUTLET*
RECEPTACLES AND OUTLETS		NL	NIGHT LIGHT
	DUPLEX RECEPTACLE	PNL	PANEL OR PANELBOARD
	DOUBLE DUPLEX RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE	REC	RECEPTACLE
	JUNCTION BOX	REFRIG	REFRIGERATOR
	DUPLEX GFCI RECEPTACLE	SIGN	BUILDING SIGNAGE*
	DOUBLE DUPLEX GFCI RECEPTACLE IN A 2-GANG OUTLET BOX WITH SINGLE COVER PLATE	TL	TWIST LOCK TYPE RECEPTACLE
	FLUSH FLOOR MOUNTED JUNCTION BOX	TR	TAMPER RESISTANT
COMMUNICATIONS AND FIRE ALARM DEVICES		TV	TELEVISION OUTLET*
	SINGLE-GANG OUTLET BOX AND TWO-PORT COVER PLATE WITH BLANKS. PROVIDE ONE (1) 1" EMPTY CONDUIT WITH PULL STRING STUBBED AND BUSHED ABOVE THE NEAREST ACCESSIBLE CEILING SPACE OR CABLE TRAY.	TYP	TYPICAL
	DOUBLE-GANG OUTLET BOX AND FOUR-PORT COVER PLATE WITH BLANKS. PROVIDE ONE (1) 1" EMPTY CONDUIT WITH PULL STRING STUBBED AND BUSHED ABOVE THE NEAREST ACCESSIBLE CEILING SPACE OR CABLE TRAY.	U.N.O.	UNLESS NOTED OTHERWISE
	CEILING MOUNTED LOCAL SOUND SYSTEM SPEAKER	WG	WIREGUARD
	MICROPHONE OUTLET	WP	WEATHERPROOF
	CEILING MOUNTED RECESSED COMMUNICATIONS SYSTEM SPEAKER	•	DOT SHOWN NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN TO BE FIELD COORDINATED BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES.
	SMOKE DETECTOR	<div>GENERAL NOTES:</div> <div>1. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF (NEMA-3R MINIMUM).</div> <div>2. ASTERISK (*) INDICATES THAT MOUNTING ELEVATION AND/OR LOCATION SHALL BE COORDINATED WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN.</div>	
	HEAT DETECTOR		
	DUCT MOUNTED SMOKE DETECTOR, COORDINATE LOCATION WITH MECHANICAL DRAWINGS.		
	FIRE ALARM SYSTEM MANUAL PULL STATION		
	WALL MOUNTED FIRE ALARM COMBINATION AUDIO/VISUAL NOTIFICATION APPLIANCE, NUMBER INDICATES MINIMUM VISUAL DEVICE CANDELA RATING.		
	WALL MOUNTED FIRE ALARM VISUAL NOTIFICATION APPLIANCE, NUMBER INDICATES MINIMUM VISUAL DEVICE CANDELA RATING.		
	CEILING MOUNTED FIRE ALARM COMBINATION AUDIO/VISUAL NOTIFICATION APPLIANCE, NUMBER INDICATES MINIMUM VISUAL DEVICE CANDELA RATING.		
	CEILING MOUNTED FIRE ALARM VISUAL NOTIFICATION APPLIANCE, NUMBER INDICATES MINIMUM VISUAL DEVICE CANDELA RATING.		
	ROUGH-IN LOCATION FOR SECURITY CAMERA		
	CARD READER		
	FIRE SPRINKLER SYSTEM SUPERVISORY SWITCH		

salasobrien.com  
Project No: 2450-70846-00

540-952-9651

Roanoke  
119 Norfolk Avenue, Suite 310  
Roanoke, Virginia 24011

DATE: SEPT 5, 2025

REVISIONS

HUGHES ASSOCIATES

ARCHITECTS & ENGINEERS

3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002

Renovations to

VINTON WAR MEMORIAL

814 E. Washington Ave.      Vinton, VA 24179

DRAWN BY: KBH

CHECKED BY: SRL

STANDARDS, SYMBOLS, & ABBREVIATIONS



COMMISSION No.  
24058.003

SHEET

E0-1

ELECTRICAL SPECIFICATIONS:

1. SCOPE OF WORK: THE CONTRACTOR SHALL PROVIDE SUPERVISION, LABOR, MATERIAL, EQUIPMENT, MACHINERY, PLANT AND OTHER ITEMS NECESSARY FOR A COMPLETE AND OPERABLE ELECTRICAL SYSTEM. WHERE VARIANCES OCCUR BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT ITSELF, INCLUDE IN THE CONTRACT PRICE THE ITEM OR ARRANGEMENT OF BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST.

2. GENERAL REQUIREMENTS: VERIFY ALL JOB SITE AND ARCHITECTURAL PLAN DIMENSIONS PRIOR TO INSTALLATION OF ELECTRICAL DEVICES AND EQUIPMENT. REPORT ANY DISCREPANCIES TO THE ARCHITECT AND ENGINEER IMMEDIATELY. CUTTING AND PATCHING OF WALLS, CEILINGS, ROOFS AND FLOORS SHALL BE COMPLETED BY OR CLOSELY COORDINATED WITH THE GENERAL CONTRACTOR.

3. STANDARDS AND CODES: ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW, AND SHALL BE LISTED BY UNDERWRITERS LABORATORIES, INC. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC); THE 2021 INTERNATIONAL BUILDING CODE (IBC) AS ADOPTED AND MODIFIED BY THE 2021 VIRGINIA CONSTRUCTION CODE (VCC); THE 2021 INTERNATIONAL FIRE CODE (IFC); THE 2020 NFPA-70 (NATIONAL ELECTRICAL CODE, OR NEC); THE 2019 NFPA-72 (NATIONAL FIRE ALARM AND SIGNALING CODE); AND OTHER RELATED CODES AND STANDARDS. THE COMPLETED INSTALLATION SHALL COMPLY WITH THE ADAAG "AMERICAN WITH DISABILITIES ACT GUIDELINES FOR BUILDINGS AND FACILITIES". WORKMANSHIP SHALL MEET THE "STANDARDS OF INSTALLATION" AS PUBLISHED BY THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA).

4. PERMITS AND FEES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS, BONDS, LICENSES AND INSPECTION CERTIFICATES. THE CONTRACTOR SHALL ALSO PAY INSPECTION FEES AND TAXES AND SHALL FILE PLANS AND PREPARE DOCUMENTS AS REQUIRED TO OBTAIN APPROVALS OF GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.

5. CONDUIT: ALL CONDUCTORS SHALL BE INSTALLED IN CONDUIT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS OR IN THE SPECIFICATIONS. CONDUIT FILL SHALL NOT EXCEED 40% PER NEC. PROVIDE RIGID GALVANIZED STEEL CONDUIT (RGS) OR SCHEDULE 40 PVC CONDUIT UNDERGROUND AND IN CONCRETE SLABS. PROVIDE RGS OR INTERMEDIATE METAL CONDUIT (IMC) WHERE EXTERIOR ABOVE-GRADE. WHERE NOT EXTERIOR, UNDERGROUND OR IN CONCRETE SLABS, PROVIDE ELECTRICAL METALLIC TUBING (EMT) FOR EMPTY CONDUIT RUNS AND STUB-UPS, BRANCH CIRCUITS AND EQUIPMENT FEEDERS; ALL CONDUIT STUBS SHALL HAVE BUSHINGS. SCHEDULE 40 PVC CONDUIT MAY BE RUN FROM CONCRETE SLAB UP TO FIRST OUTLET (BUT NOT BEYOND FIRST OUTLET) ONLY IF CONDUIT IS CONCEALED IN STUD OR CMU WALL AND IF FIRST OUTLET IS NO MORE THAN 48" AFF. PROVIDE GALVANIZED SINGLE STRIP FLEXIBLE CONDUIT, MINIMUM 18" LONG, FOR MOTOR CONNECTIONS; USE PVC JACKETED FLEXIBLE LIQUID-TIGHT CONDUIT TYPE UA FOR MOTOR CONNECTIONS IN WET LOCATIONS. CONDUIT SHALL BE MINIMUM 3/4", EXCEPT SHALL BE MINIMUM 1" WHERE EXTERIOR. CONDUIT SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, FRAMING, JOISTS, ETC. PROVIDE HANGERS, SUPPORTS, FASTENERS, SLEEVES AND SEALS AS REQUIRED BY THE NEC. DO NOT SUPPORT CONDUIT FROM THE ROOF DECK OR SUSPENDED CEILING SYSTEMS. CONDUIT SHALL NOT BE INSTALLED WITHIN SIX (6) INCHES OF ROOF DECK. EXPANSION/DEFLECTION FITTINGS SHALL BE PROVIDED WHERE REQUIRED PER NEC 300.4(H). FOR UNDERGROUND CONDUIT, PROVIDE SEALS WHERE REQUIRED PER NEC 225.27 AND 300.5(G). UNDERGROUND CONDUIT SHALL BE MINIMUM 24" BELOW FINISHED GRADE TO TOP OF CONDUIT, UNLESS NOTED OTHERWISE ON THE DRAWINGS. ALL CONDUIT FITTINGS SHALL BE STEEL, SET SCREW OR COMPRESSION TYPE, AND SHALL BE U.L. LISTED.

ALL CONDUITS PASSING THROUGH RATED WALLS OR CEILINGS SHALL BE SLEEVED AND PACKED WITH U.L. LISTED SEALANT TO MAINTAIN RATING.

TYPE AC, MC AND MMC CABLE ARE NOT ALLOWED, EXCEPT TYPE MC CABLE IS PERMITTED FOR LIGHTING FIXTURE WHIPS LESS THAN FIVE (5) FEET IN LENGTH.

6. JUNCTION, OUTLET AND PULL BOXES: PROVIDE JUNCTION, OUTLET AND PULL BOXES FOR WIRING DEVICES, FIXTURES, CONNECTIONS TO EQUIPMENT AND AS REQUIRED BY THE NEC. FOR INTERIOR APPLICATIONS, PROVIDE GALVANIZED STEEL WIRING BOXES, OF THE TYPE, SHAPE, AND SIZE, INCLUDING DEPTH OR BOX, TO SUIT RESPECTIVE LOCATIONS AND INSTALLATION. BOXES SHALL HAVE STAMPED KNOCKOUTS IN BACK AND SIDES. PROVIDE APPROPRIATE PLASTER RINGS AND COVERS AS REQUIRED. PROVIDE GANG BOXES WHERE DEVICES ARE SHOWN GROUPED. FOR EXTERIOR OUTLET BOXES, PROVIDE OUTLET BOX FLUSH WITH EXTERIOR WALL AND PROVIDE APPROPRIATE WEATHERPROOF COVER. EXTERIOR SURFACE MOUNT BOXES SHALL BE NEMA 3R CAST ALUMINUM TYPE WITH THREADED CONDUIT HUBS. INSTALL ELECTRICAL BOXES AND FITTINGS AS SHOWN AND AS REQUIRED IN COMPLIANCE WITH NEC AND MANUFACTURER'S RECOMMENDATIONS. ALL JUNCTION/PULL BOX OPENINGS SHALL BE SIDE OR BOTTOM ACCESSIBLE. PROVIDE EACH OUTLET/SPLICE BOX WITH A GROUNDING PIGTAIL. FACTORY MANUFACTURED PIGTAILS SHALL HAVE BOLTED CONNECTIONS TO BOXES, UNLESS NOTED OR DIRECTED OTHERWISE AT INSTALLATION. PLACE OUTLET BOXES AS INDICATED ON ARCHITECTURAL ELEVATIONS AND AS REQUIRED BY LOCAL CODES. FOR OUTLETS INSTALLED ABOVE COUNTERS, MOUNT LONG DIMENSION HORIZONTALLY. REFER TO ARCHITECTURAL ELEVATIONS AND COORDINATE INSTALLATION TO AVOID CONFLICTS WITH BACKSPLASH AND MILLWORK. DO NOT SECURE BOXES TO SUSPENDED CEILING SYSTEM, HVAC DUCTWORK OR PIPING SYSTEMS. ALIGN ADJACENT WALL MOUNTED OUTLET BOXES, UNLESS NOTED OTHERWISE ON THE DRAWINGS. ALL BOXES SHALL BE ACCESSIBLE PER THE NEC. IF A BOX IS REQUIRED ABOVE AN INACCESSIBLE CEILING, COORDINATE WITH THE ARCHITECT AND PROVIDE AN ACCESS PANEL PRIOR TO INSTALLATION. OUTLET BOXES SHALL UTILIZE MOUNTING BRACKETS FOR INSTALLATION IN STUD WALLS AND WHERE FLUSH WITH CEILINGS, BRACKETS SHALL FASTEN ON EACH END.

7. WIRING: PROVIDE COPPER CONDUCTORS, XHHW OR XHHW-2 OR THHN OR THWN-2, 600 VOLT, 90 DEGREE C RATED. WIRING SHALL BE COLOR-CODED TO IDENTIFY PHASES, NEUTRAL AND GROUND. MATCH EXISTING BUILDING WIRING COLOR-CODING. MINIMUM WIRE SIZE, EXCEPT FOR CONTROL WIRING, SHALL BE #12 AWG. FOR 120-VOLT 15 AMP AND 20 AMP BRANCH CIRCUITS, USE MINIMUM 12 AWG UP TO 60 FEET, 10 AWG FOR 61-95 FEET, 8 AWG FOR 96-155 FEET AND 6 AWG FOR BRANCH CIRCUITS LONGER THAN 155 FEET; CONDUCTORS SHALL BE SAME SIZE FOR ENTIRE LENGTH OF RUN, EXCEPT IF ALL OUTLETS ARE IN THE SAME ROOM (1200 SQUARE FEET OR LESS) THE OVERSIZED CONDUCTORS MAY BE RUN ONLY TO THE FIRST OUTLET. FOR 277-VOLT 15 AMP AND 20 AMP BRANCH CIRCUITS, USE MINIMUM 12 AWG UP TO 140 FEET, 10 AWG FOR 141-220 FEET AND 8 AWG FOR BRANCH CIRCUITS LONGER THAN 220 FEET. CONDUCTORS SHALL BE SAME SIZE FOR ENTIRE LENGTH OF RUN. CONDUCTORS 8 AWG AND LARGER SHALL BE STRANDED; CONDUCTORS 10 AWG AND SMALLER SHALL BE SOLID. FOR WIRING APPLICATIONS WHERE MORE THAN SIX (6) CURRENT CARRYING CONDUCTORS ARE RUN IN A SINGLE RACEWAY, DERATE PER NEC 310.15(B)(3)(A). WIRING SHALL BE RUN CONCEALED UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS. DO NOT INSTALL A SHARED NEUTRAL ON ANY CIRCUIT. FOR LIGHT SWITCHES, INSTALL NEUTRAL CONDUCTOR WHERE REQUIRED BY NEC 404.2(C). ALL TERMINATIONS SHALL BE 75 DEGREES C. FEEDER CONDUCTORS SHALL BE RUN WITHOUT SPLICES. COORDINATE FEEDER TERMINATIONS WITH ASSOCIATED EQUIPMENT LUGS.

8. GROUNDING AND BONDING: PROVIDE AN EQUIPMENT GROUNDING SYSTEM INSTALLED TO METALLIC STRUCTURES, ENCLOSURES, RACEWAYS, JUNCTION BOXES, OUTLET BOXES, PULL BOXES, CABINETS, MACHINE FRAMES, PORTABLE EQUIPMENT AND OTHER CONDUCTIVE ITEMS IN CLOSE PROXIMITY TO ELECTRICAL CIRCUITS. ALL BRANCH AND FEEDER CIRCUITS SHALL INCLUDE A GREEN EQUIPMENT GROUNDING CONDUCTOR (EGG).

9. IDENTIFICATION: IDENTIFY CABLES/CONDUCTORS, INCLUDING VOLTAGE, PHASE AND FEEDER OR CIRCUIT NUMBER, ON EACH CABLE/CONDUCTOR IN EACH BOX/ENCLOSURE/CABINET WHERE WIRES OF MORE THAN ONE CIRCUIT OR COMMUNICATION/SIGNAL SYSTEM ARE PRESENT, WHEREVER REASONABLY REQUIRED FOR SAFETY, MAINTENANCE AND/OR OPERATIONAL PURPOSES. PROVIDE SELF-ADHESIVE PLASTIC SIGNS FOR IDENTIFICATION, INSTRUCTION OR WARNING ON SWITCHES AND OUTLETS, AS WELL AS OTHER CONTROLS, DEVICES AND ENCLOSURE COVERS. PROVIDE A DANGER SIGN WHEREVER IT IS POSSIBLE FOR PERSONS TO COME INTO CONTACT WITH A VOLTAGE HIGHER THAN 120 VOLTS, AS WELL AS ON CRITICAL SWITCHES AND CONTROLS WHERE UNTIMELY OPERATION COULD BE A SAFETY HAZARD. PROVIDE AN ENGRAVED PLASTIC/LAMINATE LABEL ON EACH MAJOR UNIT OF ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO: CONTROL PANELS, RELAY PANELS, CABINETS, ENCLOSURES, CONTACTORS, VFD'S, STARTERS, DISCONNECT SWITCHES AND ENCLOSED CIRCUIT BREAKERS. EQUIPMENT LABELS SHALL INCLUDE WHAT IS REQUIRED IN NEC 408.4(B). ENCLOSURE TYPES SHALL BE MARKED PER NEC 110.28. WIRING COLOR-CODE KEY SHALL BE READILY AVAILABLE OR PERMANENTLY POSTED PER NEC 200.6(D) AND 210.5.

10. CONNECTIONS TO EQUIPMENT: MAKE FINAL ELECTRICAL CONNECTIONS TO MECHANICAL EQUIPMENT. PROVIDE CONDUITS, OUTLET BOXES AND POWER WIRING FROM THE POWER SOURCE TO THE MOTOR OR EQUIPMENT JUNCTION BOX, INCLUDING WIRING THROUGH STARTERS OR SAFETY SWITCHES, IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

11. WIRING DEVICES (SHOP DRAWINGS REQUIRED): WIRING DEVICES SHALL BE HEAVY DUTY SPECIFICATION GRADE. BACK WIRING IS NOT ALLOWED. ALL WIRING DEVICE AND WALL PLATE FINISHES SHALL BE SELECTED BY THE ARCHITECT OR OWNER. TOGGLE SWITCHES SHALL BE TUMBLER TYPE, 20 AMP, GROUNDED, RATED 120/277 VOLT, WHERE MORE THAN ONE SWITCH IS INDICATED IN THE SAME LOCATION, INSTALL THE SWITCHES IN A MULTI-GANG BOX WITH A SINGLE COVERPLATE. EXCEPT WHERE NOTED OTHERWISE ON THE DRAWINGS, RECEPTACLES SHALL BE NEMA 5-20R, GROUNDED, GROUND FAULT RECEPTACLES SHALL BE BY SAME MANUFACTURER AS DUPLEX RECEPTACLES. GFCI TYPE DUPLEX RECEPTACLES SHALL BE RATED 5 MILLIAMPS, AND SHALL BE READILY ACCESSIBLE WHERE REQUIRED BY NEC 210.8. PROVIDE GFCI DUPLEX RECEPTACLES IN LOCATIONS INDICATED ON THE FLOOR PLANS AND WHERE REQUIRED BY THE NEC. PROVIDE A GFCI RECEPTACLE WITHIN 25 FEET OF ALL EQUIPMENT MOUNTED OUTDOORS AND/OR ON ROOFS. DO NOT UTILIZE FEED THROUGH WIRING FOR ANY RECEPTACLES OR DEVICES REQUIRING GFCI PROTECTION. WIRING DEVICE WALLPLATES SHALL BE BY SAME MANUFACTURER AS WIRING DEVICES. WIRING DEVICE WALLPLATES SHALL BE OF COLOR AND MATERIAL TO MATCH EXISTING, EXCEPT IN NORTH BALLROOM (112) AND SOUTH BALLROOM (109) WHERE WIRING DEVICES AND WALLPLATES SHALL BE WHITE. WEATHERPROOF COVERS SHALL HINGE FROM TOP, SHALL BE LISTED AS WEATHERPROOF WHEN IN USE AND SHALL BE "EXTRA DUTY" WHERE REQUIRED BY NEC 408.9(B)(1), AND RECEPTACLES IN THESE COVERS SHALL BE LISTED AS WEATHER-RESISTANT TYPE.

MOUNTING HEIGHTS OF ALL WIRING DEVICES SHALL COMPLY WITH CURRENT ACCESSIBILITY STANDARDS AND LOCAL CODES WHERE APPLICABLE. REFER TO ARCHITECTURAL ELEVATIONS FOR COORDINATION OF WIRING DEVICE LOCATIONS. COORDINATE WITH DIMENSIONS OF SPECIALTY ITEMS, EQUIPMENT AND MILLWORK, AND COORDINATE WITH ALL OTHER TRADES TO AVOID INSTALLATION CONFLICTS PRIOR TO ROUGH-IN.

WIRING DEVICE MANUFACTURER SHALL BE BRYANT, EATON ARROW/HART, HUBBELL, LEVITON OR PASS & SEYMOUR.

12. FUSES (SHOP DRAWINGS REQUIRED): FUSES SHALL BE CLASS RK1 DUAL ELEMENT TIME DELAY, WITH APPROPRIATE VOLTAGE. FURNISH THREE (3) SPARE FUSES OF EACH TYPE UTILIZED. MANUFACTURER SHALL BE COOPER BUSSMANN, MERSEN OR LITTELFUSE.

13. DISCONNECT SWITCHES (SHOP DRAWINGS REQUIRED): PROVIDE SURFACE-MOUNTED, HEAVY-DUTY, HORSEPOWER-RATED, FUSIBLE OR NON-FUSIBLE AS INDICATED, SAFETY SWITCHES WITH LUGS SUITABLE FOR COPPER OR ALUMINUM CONDUCTORS AND ELECTRO-SILVER PLATED CURRENT CARRYING PARTS, AND WITH EQUIPMENT GROUND BUS WITH APPROPRIATE LUGS. SWITCHES SHALL BE RATED FOR THE VOLTAGE OF THE ASSOCIATED CIRCUIT BEING SERVED. PROVIDE SOLID NEUTRAL CONNECTION VIA INSULATED LUG WHERE APPLICABLE. FUSIBLE SWITCHES SHALL BE PROVIDED WITH SPRING-REINFORCED FUSE CLIPS TO REJECT ALL FUSES EXCEPT CLASS R CURRENT LIMITING TYPE. FUSE EACH PHASE. SWITCHES SHALL HAVE HINGED DOOR WITH DEFEATABLE INTERLOCK TO PREVENT DOOR FROM BEING OPENED IN "ON" POSITION; OPERATING LEVER ARRANGED FOR PADLOCKING IN THE "OFF" POSITION; ARC QUENCHERS; CAPACITY AND CHARACTERISTICS AS REQUIRED; NON-TEASABLE QUICK-MAKE AND QUICK-BREAK MECHANISM; DEAD FRONT; LINE SIDE SHIELD. PROVIDE A SET OF AUXILIARY CONTACTS FOR DISCONNECTS SERVING VFD'S, TO SEND A "DISABLE" SIGNAL TO THE VFD WHEN THE DISCONNECT IS OPENED. MANUFACTURER SHALL BE SQUARE D, GENERAL ELECTRIC, EATON OR SIEMENS.
14. LIGHTING (SHOP DRAWINGS REQUIRED): PROVIDE LIGHTING FIXTURE WORK AS SHOWN, SCHEDULED AND SPECIFIED. MANUFACTURERS SHALL BE AS INDICATED ON THE DRAWINGS OR EQUAL. FIXTURES SHALL BE COMPLETE WITH REQUIRED SOCKETS, WIRING, POLES, GLASSWARE, REFLECTORS, HANGERS, FITTINGS AND MOUNTING TRIM. FIXTURES SHALL BE CLEANED AND COMPLETELY LAMPED. PROVIDE PROPER TRIM, FRAMES, MOUNTING DEVICES, CONFIGURATION AND ACCESSORIES REQUIRED TO PROPERLY INSTALL FIXTURES IN THE BUILDING CONSTRUCTION. LIGHTING FIXTURES SHALL CONFORM TO APPLICABLE U.L. STANDARDS AND SHALL BE U.L. OR ETL LISTED. EMERGENCY LIGHTING FIXTURES SHALL CONFORM TO THE REQUIREMENTS OF NFPA 101, NFPA 70 (NEC) AND SHALL BE UL924 COMPLIANT.

CATALOG NUMBERS OF FIXTURES SCHEDULED ARE TO ESTABLISH A TYPE OF FIXTURE, NOT TO DETERMINE A METHOD OF MOUNTING. VERIFY CEILING CONSTRUCTION BEFORE ORDERING FIXTURES, AND PROVIDE MOUNTING TRIM AND HARDWARE SUITABLE FOR THE CEILING FINISH IN WHICH FIXTURE IS INSTALLED. SUPPORT RECESSED DOWNLIGHT FIXTURES INSTALLED IN LAY-IN CEILINGS BY MEANS OF HANGER BARS EXTENDING ACROSS THE MAIN CEILING SUPPORT MEMBERS. SUPPORT ALL CEILING MOUNTED LUMINAIRES THAT MATCH THE SIZE OF THE LAYOUT OF THE CEILING GRID FROM THE BUILDING STRUCTURAL FRAMING MEMBERS OR THE CEILING FRAMING SYSTEM UTILIZING CONDUIT STEMS, FIXTURE STUDS, SUPPORT CLIPS, STEEL RODS OR BAR HANGERS. IF THE CEILING FRAMING SYSTEM IS USED FOR SUPPORT, INSTALL A MINIMUM OF TWO CEILING SUPPORT SYSTEM RODS OR WIRES FOR EACH LUMINAIRE (ON DIAGONALLY OPPOSITE CORNERS OF THE FIXTURE). LOCATE NOT MORE THAN 6 INCHES FROM FIXTURE CORNERS. INSTALL RECESSED LAY-IN TYPE FIXTURES SO THAT THE LENS HOUSING MAY BE EASILY OPENED AND SO THAT THE FIXTURES MAY BE REMOVED AND RELOCATED WITHOUT FORCING THE FIXTURES. COORDINATE LIGHTING LAYOUT WITH CEILING LAYOUT AND FINISH BEFORE CEILING GRID IS INSTALLED. LENS TYPE RECESSED 1X4, 2X2 AND 2X4 FIXTURES SHALL HAVE A MINIMUM 0.125" THICK ACRYLIC LENS WITH 7.8 OZ./SQ. FT. MINIMUM WEIGHT. HOUSINGS FOR LIGHTING FIXTURES INSTALLED OUTDOORS OR IN WET LOCATIONS SHALL BE ALUMINUM OR STAINLESS STEEL AND SHALL BE U.L. LISTED FOR INSTALLATION IN WET LOCATIONS. FINAL AIMING OF ADJUSTABLE FLOOD FIXTURES SHALL BE DONE AT NIGHT AND SHALL BE APPROVED BY THE ARCHITECT AND OWNER.

ADDITIONAL REQUIREMENTS FOR LED LUMINAIRES:

A. PROVIDE LED LIGHTING FIXTURES THAT COMPLY WITH THE DESIGN LIGHTS CONSORTIUM (DLC) STANDARDS AND ARE DLC LISTED.

B. COLOR TEMPERATURE SHALL BE 4000K WITH MINIMUM CRI OF 80, UNLESS INDICATED OTHERWISE.

C. LED'S SHALL BE BINNED WITHIN A MAXIMUM THREE-STEP MACADAM ELLIPSE TO ENSURE COLOR CONSISTENCY AMONGST LUMINAIRES OF THE SAME TYPE.

D. MERCURY-FREE, LEAD-FREE, ROHS COMPLIANT.

E. COMPLIANT WITH FCC 47 CFR PART 15 NON-CONSUMER RF/EMI STANDARDS.

F. LIGHT OUTPUT SHALL BE MEASURED USING THE ABSOLUTE PHOTOMETRY METHOD FOLLOWING IES LM-79 AND LM-80 REQUIREMENTS AND GUIDELINES.

G. LUMINAIRES SHALL MAINTAIN AT LEAST 70% LUMEN OUTPUT (L70) FOR A MINIMUM OF 50,000 HOURS.

H. LUMEN OUTPUT SHALL NOT DEPRECIATE MORE THAN 20% AFTER 20,000 HOURS OF USE.

I. THERMALLY DESIGNED TO NOT EXCEED THE MAXIMUM JUNCTION TEMPERATURE OF THE LED FOR THE AMBIENT TEMPERATURE OF THE LOCATION IN WHICH THE LUMINAIRE IS TO BE INSTALLED. RATED CASE TEMPERATURE SHALL BE SUITABLE FOR OPERATION IN THE AMBIENT TEMPERATURES TYPICALLY FOUND IN THE INTENDED INSTALLATION. EXTERIOR LUMINAIRES SHALL BE CAPABLE OF OPERATING IN AMBIENT TEMPERATURES TYPICALLY FOUND IN THE INTENDED INSTALLATION. EXTERIOR LUMINAIRES SHALL BE CAPABLE OF OPERATING IN AMBIENT TEMPERATURES OF -20 DEG. F TO 122 DEG. F (-29 DEG. C TO 50 DEG. C).

J. LUMINAIRES SHALL OPERATE NORMALLY FOR INPUT VOLTAGE FLUCTUATIONS OF PLUS OR MINUS 10%.

K. MAXIMUM TOTAL HARMONIC DISTORTION (THD) OF 10% AT FULL INPUT POWER AND ACROSS SPECIFIED VOLTAGE RANGE.

L. ALL CONNECTIONS TO LUMINAIRES SHALL BE REVERSE-POLARITY PROTECTED AND PROVIDE HIGH VOLTAGE PROTECTION IN THE EVENT THAT CONNECTIONS ARE REVERSED OR SHORTED DURING INSTALLATION.

M. THE FAILURE OF ONE INDIVIDUAL LED SHALL NOT AFFECT THE OPERATION OF THE REMAINING LED'S IN THE LUMINAIRE.

ALL LIGHTING DRIVERS SHALL COMPLY WITH NEMA 410 FOR INRUSH CURRENT.

REQUIREMENTS FOR LED DRIVERS:

A. UNLESS SPECIFICALLY INDICATED OTHERWISE, SHALL BE OF THE 0-10V DIMMING TYPE DOWN TO 10% LIGHT LEVEL. THE PERFORMANCE CURVES FOR THE 0-10V CONTROL AND THE 0-10V DRIVERS SHALL NOT BOTH BE LOGARITHMIC. DIMMING SHALL OCCUR DOWN TO THE MINIMUM LEVEL WITH NO VISIBLE FLICKER OR "POPCORN EFFECT". "POPCORN EFFECT" IS WHEN THE LUMINAIRE IS ON A PRESET DIMMED LEVEL, AND THE LED'S GO TO 100% PRIOR TO RETURNING TO THE PRESET LEVEL WHEN POWER IS RETURNED TO THE FIXTURE.

B. SHALL HAVE RATED LIFE OF MINIMUM 50,000 HOURS.

C. SHALL HAVE MINIMUM POWER FACTOR OF 0.9 AND MAXIMUM CREST FACTOR OF 1.5 AT FULL INPUT POWER AND ACROSS SPECIFIED VOLTAGE RANGE.

D. SHALL OPERATE NORMALLY FOR INPUT VOLTAGE FLUCTUATIONS OF PLUS OR MINUS 10%.

E. SHALL HAVE MAXIMUM TOTAL HARMONIC DISTORTION (THD) OF 10% AT FULL INPUT POWER AND ACROSS SPECIFIED VOLTAGE RANGE.

F. SHALL HAVE POLARIZED QUICK-DISCONNECTS FOR WIRING CONNECTIONS FOR FIELD MAINTENANCE.

G. SHALL HAVE BUILT-IN FUSE PROTECTION, WITH ALL POWER SUPPLY OUTPUTS EITHER FUSE PROTECTED OR POLYMERIC POSITIVE TEMPERATURE COEFFICIENT (PTC)-PROTECTED PER CLASS 2 UL LISTING.

H. SHALL DEMONSTRATE NO VISIBLE CHANGE IN LIGHT OUTPUT WITH A VARIATION OF PLUS OR MINUS 10% CHANGE IN LINE-VOLTAGE INPUT.

I. ALL DIMMABLE LED DRIVERS OF THE SAME MANUFACTURER FAMILY/SERIES SHALL TRACK EVENLY ACROSS MULTIPLE LIGHT FIXTURES AT ALL LIGHT LEVELS.

0-10V DIMMING DRIVERS SHALL COMPLY WITH IEC 60929. FOR 0-10V DIMMING CONTROLS, THE PERFORMANCE CURVES FOR THE 0-10V CONTROL AND THE 0-10V DRIVERS SHALL NOT BOTH BE LOGARITHMIC. ALL DRIVERS SHALL HAVE TOTAL HARMONIC DISTORTION OF LESS THAN 10% AT FULL OUTPUT.

15. EMERGENCY LIGHTING POWER SUPPLY (SHOP DRAWINGS REQUIRED): EMERGENCY LIGHTING SHALL BE PROVIDED BY USING A STANDARD LUMINAIRE EQUIPPED WITH A UL LISTED, SELF-CONTAINED, MODULAR, BATTERY INVERTER UNIT COMPLYING WITH UL 924. THE UNIT SHALL BE MOUNTED WITHIN THE LIGHTING FIXTURE BODY OR LISTED FOR INSTALLATION ON TOP OF OR REMOTE FROM THE FIXTURE. THE BATTERY INVERTER UNIT SHALL CONSIST OF A HIGH-TEMPERATURE, MAINTENANCE-FREE, NICKEL CADMIUM BATTERY, CHARGER AND ELECTRONIC CIRCUITRY. THE AC DRIVER OPERATION SHALL BE DELAYED FOR APPROXIMATELY 3 SECONDS BY THE CIRCUITRY TO PREVENT FALSE TRIPPING OF THE AC DRIVER. A SOLID-STATE CHARGING LED INDICATOR LIGHT TO MONITOR THE CHARGER AND BATTERY AND A SINGLE-POLE TEST SWITCH SHALL BE PROVIDED AND MOUNTED SUCH THAT THE LIGHT AND SWITCH ARE VISIBLE AND ACCESSIBLE WITHIN THE FIXTURE WITHOUT ENTERING THE CEILING SPACE. WHERE UNITS ARE MOUNTED OUTSIDE THE BUILDING ENVELOPE, PROVIDE COLD-WEATHER RATED UNITS. UNITS SHALL BE BY PHILIPS BODINE, LITHONIA, IOTA OR APPROVED EQUAL. ALL EGRESS LIGHTING FIXTURES SHALL HAVE SELF DIAGNOSTIC TEST FEATURE. COORDINATE DIRECTIONAL ARROWS ON EXIT SIGNS WITH THE ARCHITECTURAL EGRESS PLAN.

EMERGENCY LED DRIVERS SHALL HAVE LUMEN OUTPUTS OR WATTAGES AS INDICATED IN THE LIGHTING FIXTURE SCHEDULE.

16. EXISTING FIRE ALARM SYSTEM (SHOP DRAWINGS REQUIRED): PROVIDE FIRE ALARM DEVICES AS AN EXTENSION OF THE EXISTING FIRE ALARM SYSTEM. ADDITIONAL MODULES SHALL BE PROVIDED AS NECESSARY TO ACHIEVE A COMPLETE EXTENSION OF THE EXISTING FIRE ALARM SYSTEM. ALL NEW DEVICES SHALL BE BY THE SAME MANUFACTURER AND SHALL BE WHITE WITH RED LETTERING. PROVIDE FIRE ALARM INDICATING APPLIANCES WITH CANDELA RATING MATCHING THE NUMBERS SHOWN ON THE DRAWINGS. PROVIDE A FULL CONDUIT (EMT) SYSTEM DEDICATED FOR FIRE ALARM WIRING. ALL NEW FIRE ALARM WIRING SHALL MATCH EXISTING. PROVIDE ALL COMPONENTS, RELAYS, POWER MODULES, EXTENDER PANELS, ETC. NECESSARY FOR A COMPLETE AND OPERABLE EXTENSION OF THE EXISTING SYSTEM. COORDINATE THE LOCATIONS OF ALL REQUIRED EXTENDER PANELS AND/OR MODULES WITH THE A/E PRIOR TO INSTALLATION. REPROGRAM THE FIRE ALARM CONTROL PANEL AS REQUIRED AFTER INSTALLATION OF THE NEW DEVICES HAS BEEN COMPLETED. PROVIDE ALL TESTING REQUIRED BY THE AUTHORITY HAVING JURISDICTION.



salasobrien.com  
Project No: 2450-70846-00

540-952-9651

Roanoke  
119 Norfolk Avenue, Suite 310  
Roanoke, Virginia 24011

DATE: SEPT 5, 2025

REVISIONS	▲	
	▲	
	▲	
	▲	
	▲	
	▲	

HUGHES  
ASSOCIATES  
ARCHITECTS & ENGINEERS

3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.hughesa.com

Renovations  
to

VINTON WAR MEMORIAL

814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

ELECTRICAL  
SPECIFICATIONS



COMMISSION No.  
24058.003

SHEET

E0-2

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



EXTERIOR LIGHTING FIXTURE SCHEDULE										
TYPE MARK	MANUFACTURER	CATALOG NUMBER		MOUNTING	DELIVERED LUMENS	CCT	CRI	VOLTAGE	LOAD	REMARKS
		MODEL								
ST1	LITHONIA LIGHTING	DSX1-P2-40K-70CRI-BLC3-MVOLT-SPA-HS-DBXD		POLE MOUNT 1 @ 90	7101	4000 K	80	208 V	68 W	TYPE III AREA LUMINAIRE. MOUNT ON EXISTING POLE.
ST2	LITHONIA LIGHTING	DSX1-P1-40K-70CRI-T2M-MVOLT-SPA-HS-DBXD		POLE MOUNT 1 @ 90	7507	4000 K	80	208 V	51 W	TYPE II AREA LUMINAIRE. MOUNT ON EXISTING POLE.
ST3	LITHONIA LIGHTING	DSX1-P2-40K-70CRI-T2M-MVOLT-SPA-HS-DBXD		POLE MOUNT 2 @ 180	19302	4000 K	80	208 V	136 W	TYPE II AREA LUMINAIRES. MOUNT ON EXISTING POLE.



Salas O'Brien

salasobrien.com  
Project No: 2450-70846-00

540-952-9651

Roanoke  
119 Norfolk Avenue, Suite 310  
Roanoke, Virginia 24011

DATE:	SEPT 5, 2025
REVISIONS	

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E4-1 FOR LIGHTING FIXTURE SCHEDULE & DETAILS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- REPLACE EXISTING SITE LIGHTING FIXTURE HEADS WITH NEW. MOUNT NEW FIXTURE HEADS ON EXISTING POLES. EXISTING CIRCUITS, CONDUIT, AND LIGHTING CONTROLS SHALL REMAIN AND BE REUSED TO SERVE THE NEW FIXTURE HEADS.
- EXISTING POLE BASE COVERS SHALL BE DEMOLISHED AND REMOVED. REPLACE WITH NEW COVERS THAT MATCH THE EXISTING POLE BASE COVERS IN COLOR AND MATERIAL. LITHONIA-FBCSTL2PC-DBXD OR SIMILAR.



1 ELECTRICAL SITE PLAN  
Scale: 1" = 30'-0"



HUGHES ASSOCIATES

ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.hughesaE.com

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave.    Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

ELECTRICAL SITE  
NEW WORK PLAN

COMMONWEALTH OF VIRGINIA  
9/5/2025  
JUSTIN T. OBENCHAIN  
Lic. No. 058765  
Professional Engineer

COMMISSION No.  
24058.003

SHEET  
E0-3

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION

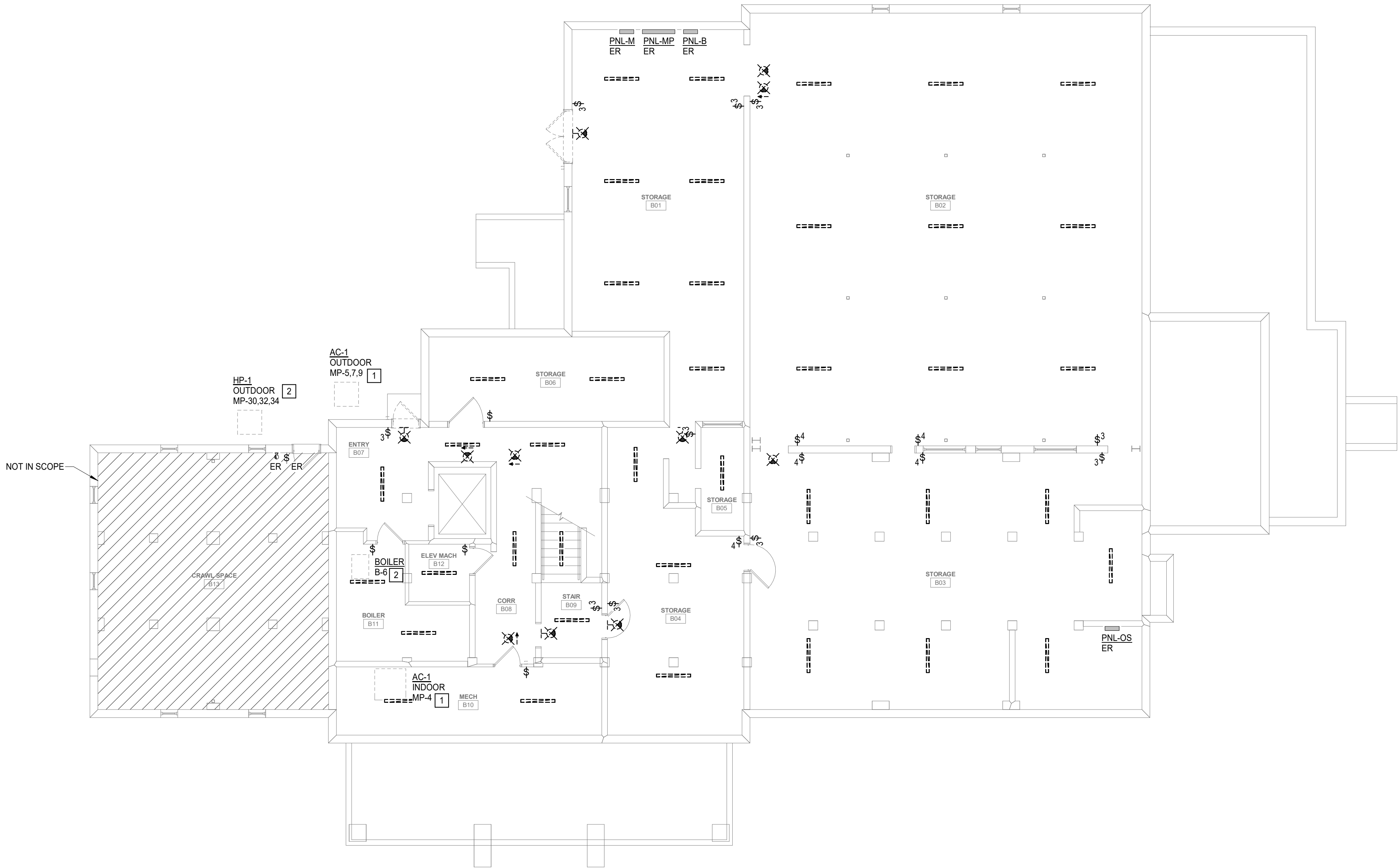
DATE:	SEPT 5, 2025
REVISIONS	

GENERAL NOTES:

1. DEMOLISH ALL LIGHTING FIXTURES AND ASSOCIATED CONTROLS BACK TO NEAREST JUNCTION BOX UNLESS NOTED OTHERWISE. RETAIN CIRCUITS FOR REUSE IN THE NEW WORK PHASE.

PLAN NOTES:

1. EXISTING TO BE DEMOLISHED MECHANICAL UNIT. DEMOLISH CIRCUIT BACK TO SOURCE. DEMOLISH EXISTING CIRCUIT BREAKER IN PANEL SERVING THIS UNIT.
2. EXISTING TO BE DEMOLISHED MECHANICAL UNIT. DEMOLISH CIRCUIT BACK TO NEAREST JUNCTION BOX AND RETAIN FOR REUSE IN THE NEW WORK PHASE.



1 BASEMENT ELECTRICAL DEMOLITION PLAN  
Scale: 1/8" = 1'-0"

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

BASEMENT  
ELECTRICAL  
DEMOLITION  
PLAN



COMMISSION No.  
24058.003

SHEET  
ED0-0



GENERAL NOTES:

1. DEMOLISH ALL LIGHTING FIXTURES AND ASSOCIATED CONTROLS BACK TO NEAREST JUNCTION BOX UNLESS NOTED OTHERWISE. RETAIN CIRCUITS FOR REUSE IN THE NEW WORK PHASE.

PLAN NOTES:

1. DEMOLISH RECEPTACLE BACK TO NEAREST JUNCTION BOX. RETAIN CIRCUIT FOR REUSE IN THE NEW WORK PHASE.



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN  
Scale: 1/8" = 1'-0"

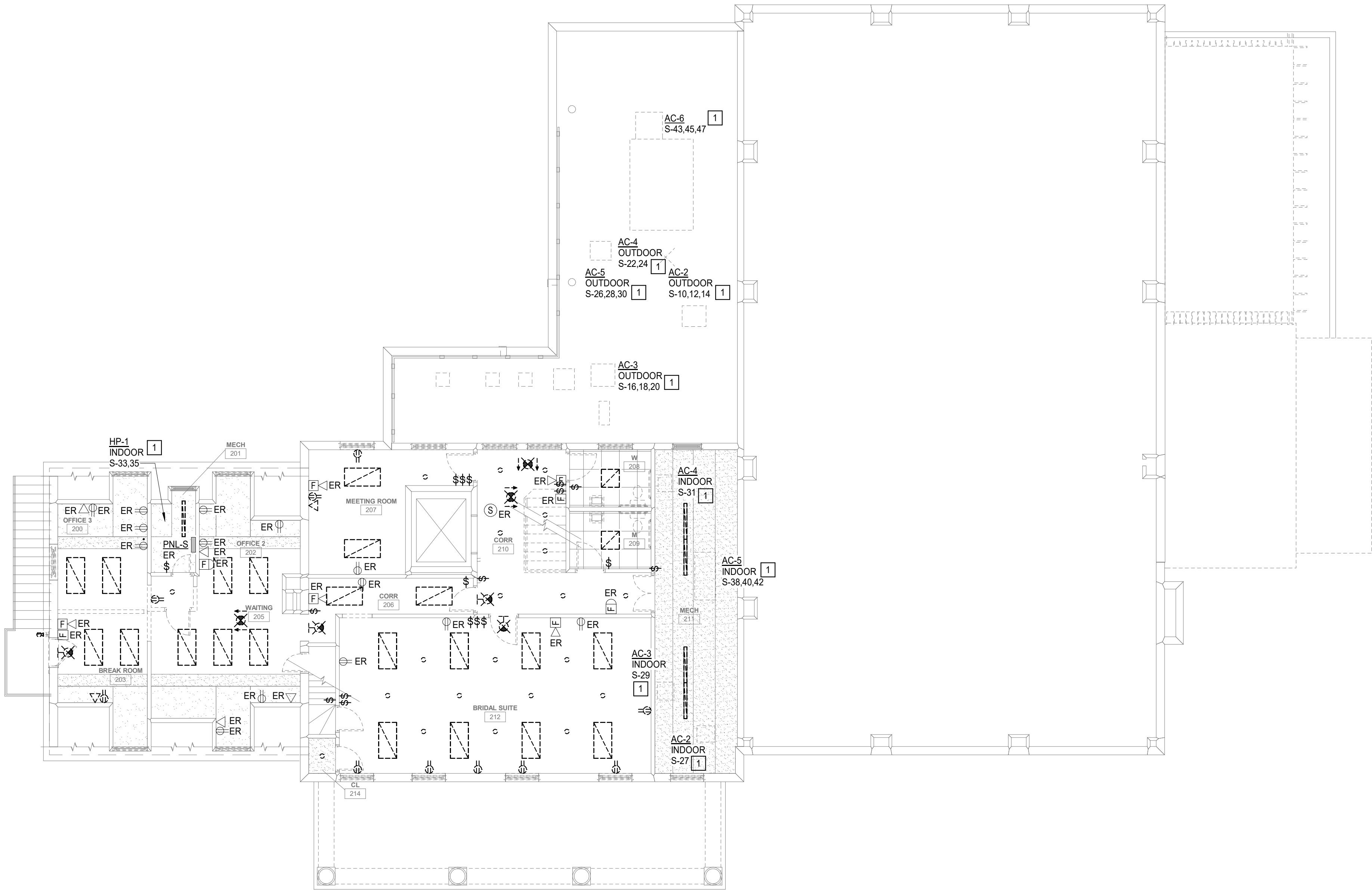
DATE: SEPT 5, 2025
REVISIONS

GENERAL NOTES:

1. DEMOLISH ALL LIGHTING FIXTURES AND ASSOCIATED CONTROLS BACK TO NEAREST JUNCTION BOX UNLESS NOTED OTHERWISE. RETAIN CIRCUITS FOR REUSE IN THE NEW WORK PHASE.

PLAN NOTES:

1. EXISTING TO BE DEMOLISHED MECHANICAL UNIT. DEMOLISH CIRCUIT BACK TO SOURCE. DEMOLISH EXISTING CIRCUIT BREAKER IN PANEL SERVING THIS UNIT.



1 SECOND FLOOR ELECTRICAL DEMOLITION PLAN  
Scale: 1/8" = 1'-0"

HUGHES  
ASSOCIATES  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

SECOND FLOOR  
ELECTRICAL  
DEMOLITION  
PLAN

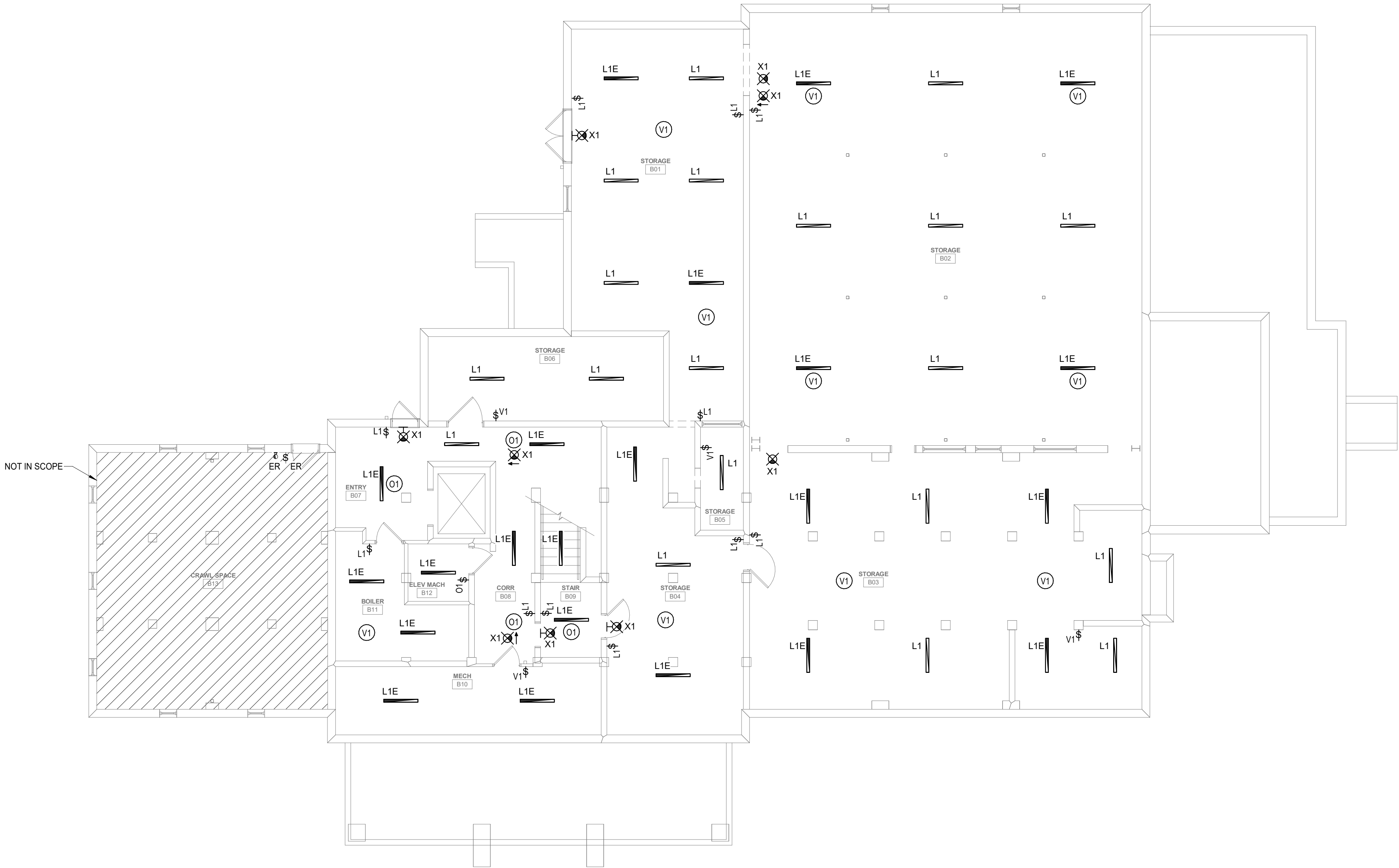


COMMISSION No.  
24058.003  
SHEET  
ED0-2

DATE:	SEPT 5, 2025
REVISIONS	
▲	
▲	
▲	
▲	
▲	
▲	

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E4-1 FOR LIGHTING FIXTURE SCHEDULE & DETAILS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- UNLESS OTHERWISE INDICATED, LIGHTING FIXTURES SHALL BE CONTROLLED BY THE SWITCH AND/OR OCCUPANCY SENSOR(S) LOCATED IN THE SAME SPACE.
- IN SPACES WITH MORE COMPLEX SWITCHING REQUIREMENTS, LOWERCASE LETTERS DASHED LINES AND TEXT NEAR THE LIGHTING FIXTURES AND SWITCHES INDICATE THE CONTROL ZONES.
- WHERE CEILING MOUNTED OCCUPANCY SENSORS AND MANUAL WALL CONTROLS ARE ILLUSTRATED IN THE SAME SPACE, THE WALL SWITCH SHALL OVERRIDE THE OCCUPANCY SENSORS.
- WHERE MULTIPLE OCCUPANCY SENSORS ARE ILLUSTRATED IN THE SAME SPACE, MOTION DETECTION BY ANY ONE OCCUPANCY SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.
- CONNECT ALL EXIT SIGNS TO THE CIRCUIT RETAINED DURING DEMOLITION AHEAD OF ALL LIGHTING CONTROLS UTILIZING 2-#12 AWG AND 1-#12 AWG GROUND IN 3/4" CONDUIT.
- CONNECT NEW LIGHTING FIXTURES TO CIRCUITS PREVIOUSLY SERVING DEMOLISHED LIGHTING FIXTURES. PROVIDE NEW MATERIALS MATCHING EXISTING FOR EXTENSION OF CIRCUITS AS REQUIRED. NEW LIGHTING FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUITS VIA THE NEW LIGHTING CONTROLS. WHERE NEW LIGHTING FIXTURES ARE INSTALLED IN A LOCATION WHERE NO DEMOLISHED LIGHTING FIXTURE WAS LOCATED, EXTEND NEAREST LIGHTING BRANCH CIRCUIT TO NEW FIXTURE.
- FIXTURES IN BASEMENT SHALL BE SURFACE MOUNTED ON CEILING.

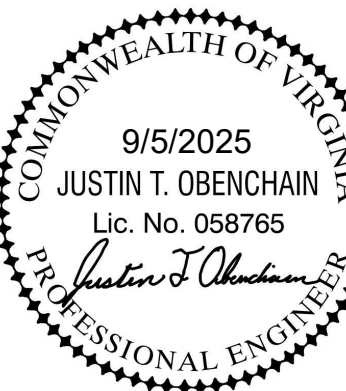


1 BASEMENT LIGHTING NEW WORK PLAN  
Scale: 1/8" = 1'-0"

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

BASEMENT  
LIGHTING NEW  
WORK PLAN



COMMISSION No.  
24058.003  
SHEET  
E1-0



GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E4-1 FOR LIGHTING FIXTURE SCHEDULE & DETAILS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- UNLESS OTHERWISE INDICATED, LIGHTING FIXTURES SHALL BE CONTROLLED BY THE SWITCH AND/OR OCCUPANCY SENSOR(S) LOCATED IN THE SAME SPACE.
- IN SPACES WITH MORE COMPLEX SWITCHING REQUIREMENTS, LOWERCASE LETTERS DASHED LINES AND TEXT NEAR THE LIGHTING FIXTURES AND SWITCHES INDICATE THE CONTROL ZONES.
- WHERE CEILING MOUNTED OCCUPANCY SENSORS AND MANUAL WALL CONTROLS ARE ILLUSTRATED IN THE SAME SPACE, THE WALL SWITCH SHALL OVERRIDE THE OCCUPANCY SENSORS.
- WHERE MULTIPLE OCCUPANCY SENSORS ARE ILLUSTRATED IN THE SAME SPACE, MOTION DETECTION BY ANY ONE OCCUPANCY SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.
- CONNECT ALL EXIT SIGNS TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL LIGHTING CONTROLS UTILIZING 2-#12 AWG AND 1-#12 AWG GROUND IN 3/4" CONDUIT.
- CONNECT NEW LIGHTING FIXTURES TO CIRCUITS PREVIOUSLY SERVING DEMOLISHED LIGHTING FIXTURES, UNLESS NOTED OTHERWISE. PROVIDE NEW MATERIALS MATCHING EXISTING FOR EXTENSION OF CIRCUITS AS REQUIRED. NEW LIGHTING FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUITS VIA THE NEW LIGHTING CONTROLS. WHERE NEW LIGHTING FIXTURES ARE INSTALLED IN A LOCATION WHERE NO DEMOLISHED LIGHTING FIXTURE WAS LOCATED, EXTEND NEAREST LIGHTING BRANCH CIRCUIT TO NEW FIXTURE.
- REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING LOCATIONS OF FIXTURE TYPE B1, B2, B3, B4, J1, J2, J3, AND J4 LIGHTING FIXTURES.
- PROVIDE FOUR ACUITY FRESCO FCS 77SN X TOUCHSCREEN WALL STATIONS FOR BALLROOM LIGHTING CONTROL. INSTALL ONE WALL STATION ON EACH SIDE OF THE PARTITION WALL TO ALLOW INDEPENDENT OR COMBINED CONTROL OF THE LIGHTING. CONFIGURE BOTH STATIONS TO CONTROL 10 ZONES WITH SCENE PRESETS AND DIMMING. ADDITIONAL ZONES AND COLOR TUNING OPTIONS TO BE CONFIGURED BY OWNER. SYSTEM SHALL SUPPORT PARTITION STATUS LOGIC TO ENABLE SHARED OR ISOLATED CONTROL BASED ON PARTITION STATE. ZONES AND CIRCUITS ARE DEFINED AS FOLLOWS:

ZONE 1: NORTH BALLROOM FIXTURE TYPE K1, K1E  
CIRCUIT: PANEL M-32

ZONE 2: NORTH BALLROOM FIXTURE TYPE H1  
CIRCUIT: PANEL M-32

ZONE 3: NORTH BALLROOM FIXTURE TYPE G1  
CIRCUIT: PANEL M-32

ZONE 4: NORTH BALLROOM FIXTURE TYPE B1, B2, B3, B4  
CIRCUIT: PANEL M-34

ZONE 5: NORTH BALLROOM FIXTURE TYPE J1, J2, J3, J4  
CIRCUIT: PANEL M-36

ZONE 6: SOUTH BALLROOM FIXTURE TYPE K1, K1E  
CIRCUIT: PANEL M-28

ZONE 7: SOUTH BALLROOM FIXTURE TYPE H1  
CIRCUIT: PANEL M-28

ZONE 8: SOUTH BALLROOM FIXTURE TYPE G1  
CIRCUIT: PANEL M-28

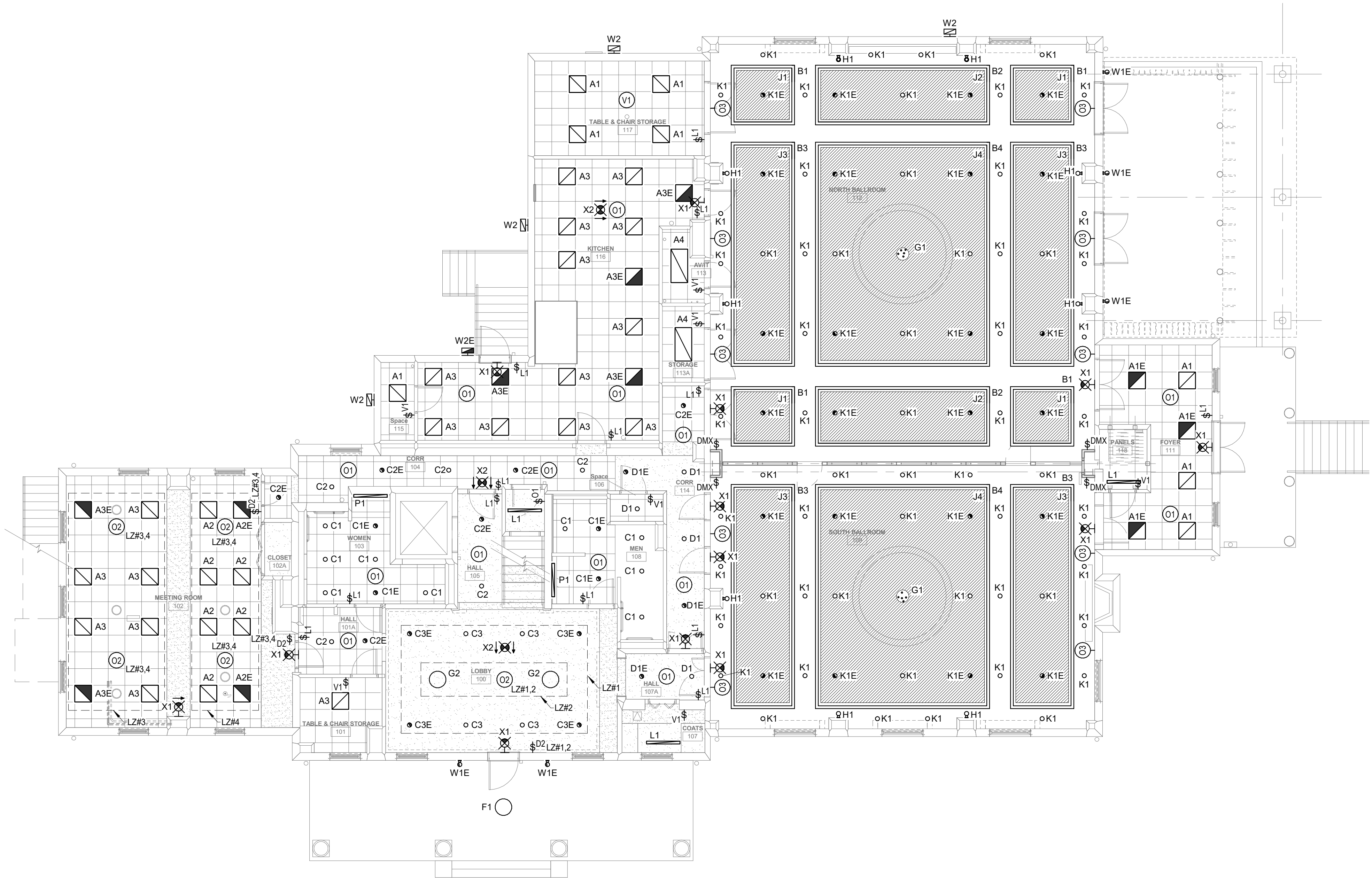
ZONE 9: SOUTH BALLROOM FIXTURE TYPE B3, B4  
CIRCUIT: PANEL M-30

ZONE 10: SOUTH BALLROOM FIXTURE TYPE J3, J4  
CIRCUIT: PANEL M-30

LIGHTING CONTROLS - BALLROOM

SEQUENCE OF OPERATIONS:

- NORTH BALLROOM (112):  
WHILE BALLROOM PARTITION IS CLOSED, LIGHTING FIXTURES IN ZONE 1 AND 2 SHALL BE PROGRAMMED TO TURN ON TO 50% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM. LIGHTING FIXTURES IN ZONE 3 SHALL TURN ON TO 100% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM.
- SOUTH BALLROOM (109):  
WHILE BALLROOM PARTITION IS CLOSED, LIGHTING FIXTURES IN ZONE 4 AND 5 SHALL BE PROGRAMMED TO TURN ON TO 50% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM. LIGHTING FIXTURES IN ZONE 6 SHALL TURN ON TO 100% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM.
- TOTAL BALLROOM WITHOUT PARTITION:  
WHILE BALLROOM PARTITION IS OPEN, LIGHTING FIXTURES IN ZONE 1, 2, 4, AND 5 SHALL BE PROGRAMMED TO TURN ON TO 50% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM. LIGHTING FIXTURES IN ZONE 3, 6 SHALL TURN ON TO 100% LIGHT OUTPUT UPON INITIAL OCCUPANCY OF THE ROOM.



1 FIRST FLOOR LIGHTING NEW WORK PLAN  
Scale: 1/8" = 1'-0"

DATE:	SEPT 5, 2025
REVISIONS	

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E4-1 FOR LIGHTING FIXTURE SCHEDULE & DETAILS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- UNLESS OTHERWISE INDICATED, LIGHTING FIXTURES SHALL BE CONTROLLED BY THE SWITCH AND/OR OCCUPANCY SENSOR(S) LOCATED IN THE SAME SPACE.
- IN SPACES WITH MORE COMPLEX SWITCHING REQUIREMENTS, LOWERCASE LETTERS DASHED LINES AND TEXT NEAR THE LIGHTING FIXTURES AND SWITCHES INDICATE THE CONTROL ZONES.
- WHERE CEILING MOUNTED OCCUPANCY SENSORS AND MANUAL WALL CONTROLS ARE ILLUSTRATED IN THE SAME SPACE, THE WALL SWITCH SHALL OVERRIDE THE OCCUPANCY SENSORS.
- WHERE MULTIPLE OCCUPANCY SENSORS ARE ILLUSTRATED IN THE SAME SPACE, MOTION DETECTION BY ANY ONE OCCUPANCY SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.
- CONNECT ALL EXIT SIGNS TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL LIGHTING CONTROLS UTILIZING 2-#12 AWG AND 1-#12 AWG GROUND IN 3/4" CONDUIT.
- CONNECT NEW LIGHTING FIXTURES TO CIRCUITS PREVIOUSLY SERVING DEMOLISHED LIGHTING FIXTURES. PROVIDE NEW MATERIALS MATCHING EXISTING FOR EXTENSION OF CIRCUITS AS REQUIRED. NEW LIGHTING FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUITS VIA THE NEW LIGHTING CONTROLS. WHERE NEW LIGHTING FIXTURES ARE INSTALLED IN A LOCATION WHERE NO DEMOLISHED LIGHTING FIXTURE WAS LOCATED, EXTEND NEAREST LIGHTING BRANCH CIRCUIT TO NEW FIXTURE.

HUGHES  
ASSOCIATES  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.hughesa.com

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

SECOND FLOOR  
LIGHTING NEW  
WORK PLAN

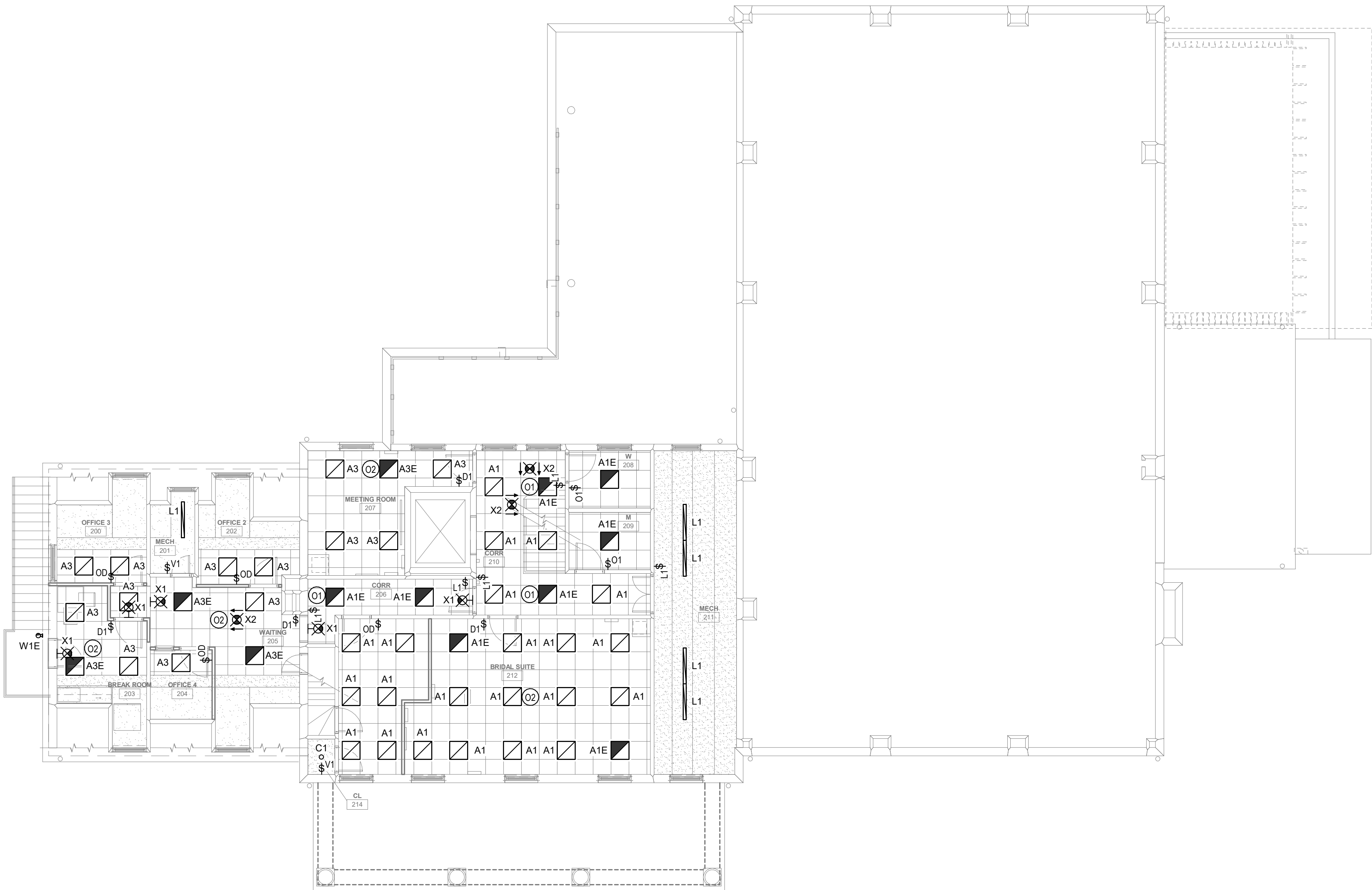


COMMISSION No.  
24058.003

SHEET

E1-2

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



1 SECOND FLOOR LIGHTING NEW WORK PLAN  
Scale: 1/8" = 1'-0"

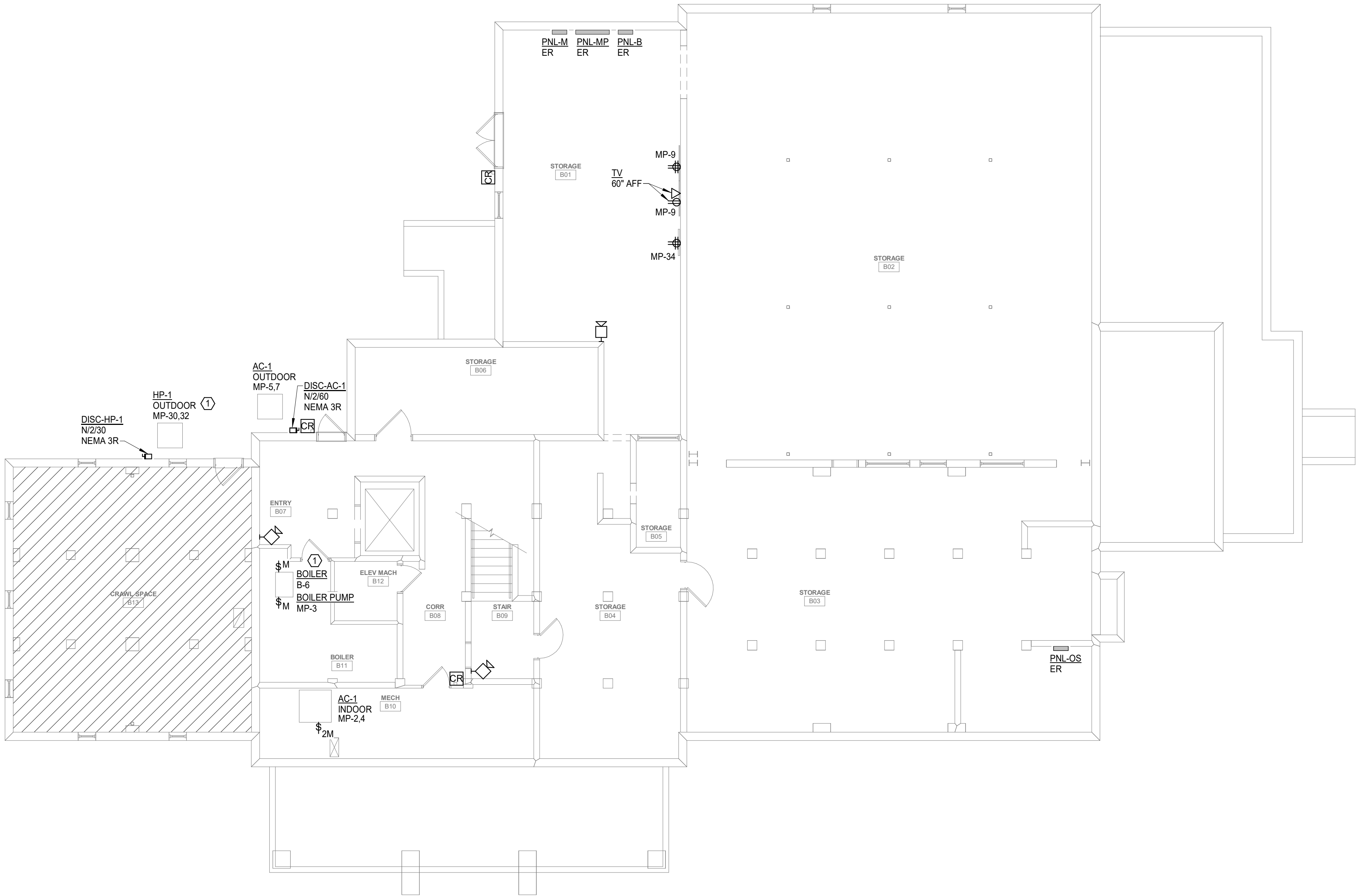
REVISIONS	

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- REFER TO SHEET E4-2 FOR ACCESS CONTROL DOOR DIAGRAMS.
- CONNECT ALL MECHANICAL UNITS TO THE CIRCUIT INDICATED VIA DISCONNECT SWITCH, PROVIDE FINAL CONNECTIONS AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- WHERE SECURITY CAMERA ROUGH-IN IS SHOWN, PROVIDE EMPTY SINGLE-GANG JUNCTION BOX. PROVIDE 1" CONDUIT ABOVE ACCESSIBLE CEILING ROUTED TO AV ROOM (113).

PLAN NOTES:

- EXTEND EXISTING CIRCUIT RETAINED DURING DEMOLITION PHASE TO NEW EQUIPMENT LOCATION AS REQUIRED.

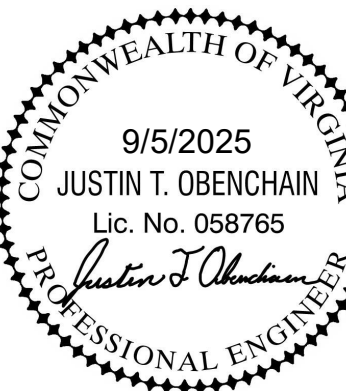


1 BASEMENT POWER NEW WORK PLAN  
Scale: 1/8" = 1'-0"

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

BASEMENT  
POWER NEW  
WORK PLAN



COMMISSION No.  
24058.003  
SHEET  
E1-3

REVISIONS	

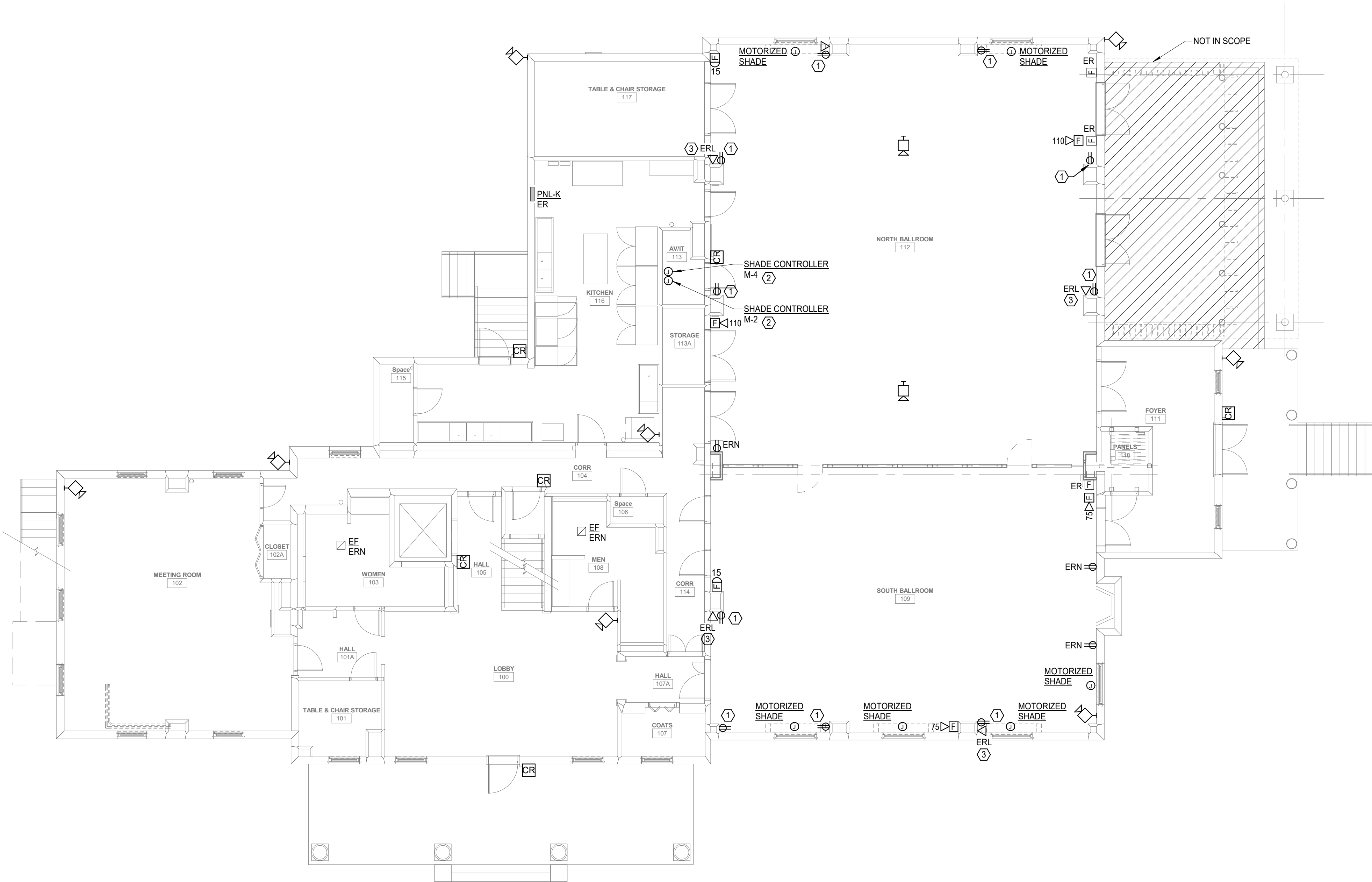
HUGHES ASSOCIATES  
ARCHITECTS & ENGINEERS  
3800 ELECTRIC ROAD | SUITE 300 | ROANOKE, VIRGINIA  
540.342.4002  
www.HughesAE.com

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- REFER TO SHEET E4-2 FOR ACCESS CONTROL DOOR DIAGRAMS.
- NEW FIRE ALARM DEVICES IN BALLROOM SHALL BE WHITE WITH RED LETTERING.
- VERIFY FINISH OF WIRING DEVICES AND WALLPLATES IN NORTH BALLROOM (112) AND SOUTH BALLROOM (109) WITH ARCHITECT PRIOR TO ORDERING.
- WHERE SECURITY CAMERA ROUGH-IN IS SHOWN, PROVIDE EMPTY SINGLE-GANG JUNCTION BOX. PROVIDE 1" CONDUIT ABOVE ACCESSIBLE CEILING ROUTED TO AV ROOM (113).

PLAN NOTES:

- CONNECT NEW RECEPTACLE TO EXISTING CIRCUIT PREVIOUSLY SERVING EXISTING TO BE DEMOLISHED RECEPTACLE ON THIS COLUMN.
- PROVIDE TWO (2) IGC 4N1 MOTOR CONTROLLERS TO SERVE SIX (6) MOTORIZED SHADES. EACH CONTROLLER SUPPORTS UP TO FOUR (4) STANDARD MOTORIZED SHADES. SHADES SHALL BE POWERED THROUGH THE MOTOR CONTROLLER OUTPUTS. PROVIDE A DEDICATED 120V, 20A CIRCUIT TO EACH CONTROLLER. COORDINATE WITH SHADE VENDOR TO ENSURE ALL MOTOR CONTROL WIRING IS ROUTED FROM IGC CONTROLLERS TO EACH SHADE MOTOR IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- RE-ROUTE EXISTING CONDUIT AND CABLING TO NEW DATA OUTLET LOCATION. PROVIDE NEW WHITE WALLPLATE FOR RELOCATED DATA OUTLET.

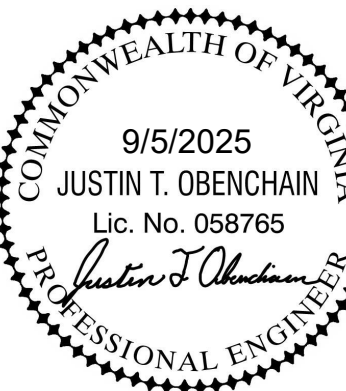


1 FIRST FLOOR POWER NEW WORK PLAN  
Scale: 1/8" = 1'-0"

Renovations  
to  
VINTON WAR MEMORIAL  
814 E. Washington Ave. Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

FIRST FLOOR  
POWER NEW  
WORK PLAN



COMMISSION No.  
24058.003  
SHEET  
E1-4



DATE:	SEPT 5, 2025
REVISIONS	

GENERAL NOTES:

- REFER TO SHEET E0-1 FOR STANDARDS, SYMBOLS, & ABBREVIATIONS.
- REFER TO SHEET E5-1 FOR ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES.
- REFER TO SHEET E4-2 FOR ACCESS CONTROL DOOR DIAGRAMS.
- CONNECT ALL MECHANICAL UNITS TO THE CIRCUIT INDICATED VIA DISCONNECT SWITCH, PROVIDE FINAL CONNECTIONS AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- DUCT SMOKE DETECTORS SHALL BE PROVIDED IN THE RETURN DUCT OF AC-5 OUTDOOR AND AC-6 UNITS.
- WHERE SECURITY CAMERA ROUGH-IN IS SHOWN, PROVIDE EMPTY SINGLE-GANG JUNCTION BOX. PROVIDE 1" CONDUIT ABOVE ACCESSIBLE CEILING ROUTED TO AV ROOM (113).

Renovations  
to  
**VINTON WAR MEMORIAL**  
814 E. Washington Ave.     Vinton, VA 24179

DRAWN BY: KBH  
CHECKED BY: SRL

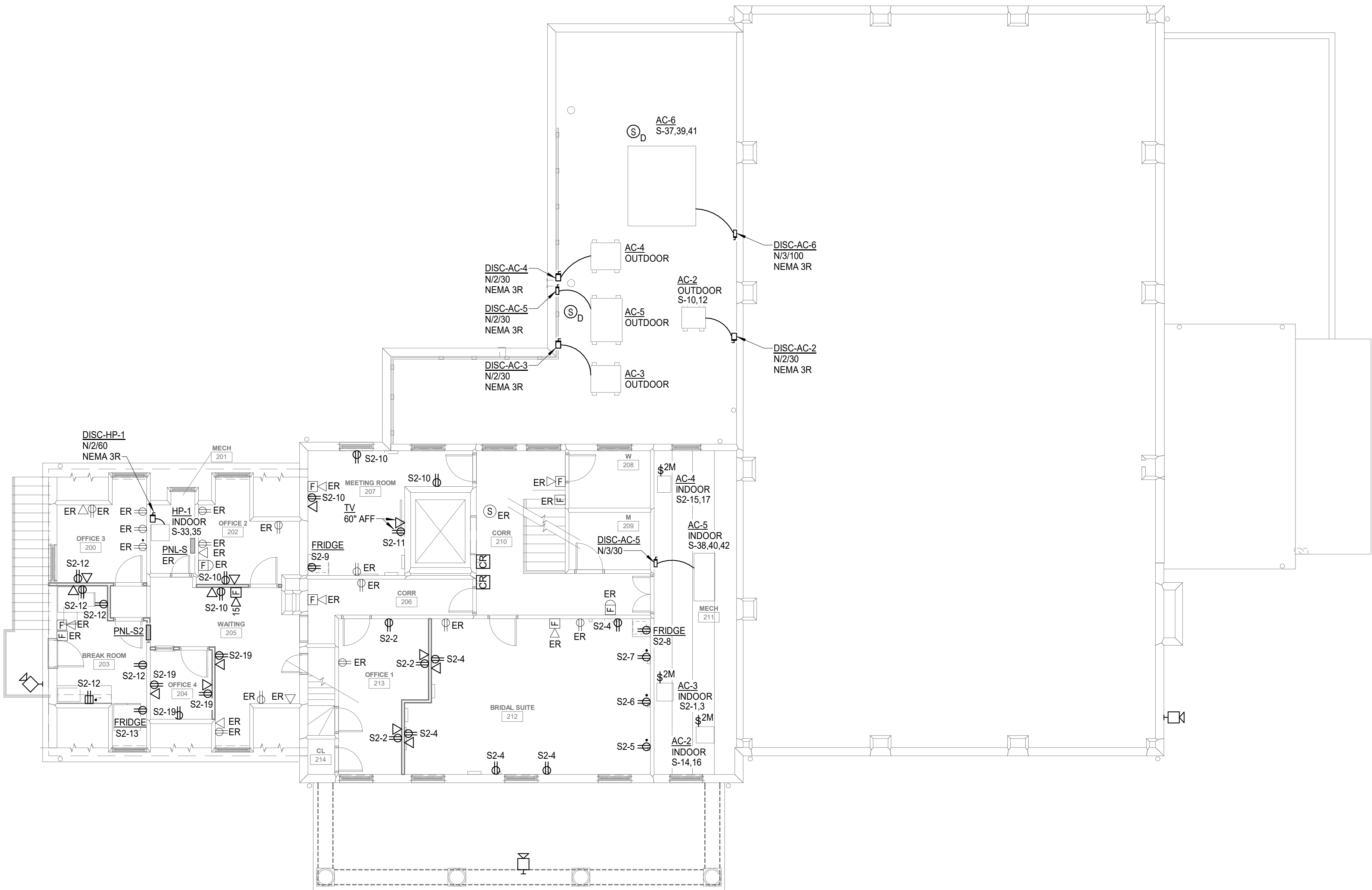
SECOND FLOOR  
POWER NEW  
WORK PLAN



COMMISSION No.  
24058.003

SHEET  
E1-5

© COPYRIGHT 2025  
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS  
A PROFESSIONAL CORPORATION



**1 SECOND FLOOR POWER NEW WORK PLAN**  
Scale: 1/8" = 1'-0"

REVISIONS	
▲	
▲	
▲	
▲	
▲	
▲	
▲	

WIRED LIGHTING SENSOR AND SWITCH SCHEDULE					
TYPE	MOUNTING	WIRED OR WIRELESS	SENSOR MODEL NUMBER	TIME DELAY SETTING	NOTES
01	CEILING	WIRED	RCMS-PDT-10-G2	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO 'ENABLE' TO MAKE THE SENSOR AN OCCUPANCY SENSOR (AUTO-ON/AUTO-OFF OPERATION).
02	CEILING	WIRED	RCMS-PDT-9-G2	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO 'ENABLE' TO MAKE THE SENSOR AN OCCUPANCY SENSOR. SET THE OCCUPIED LEVEL IN THE SENSOR TO '50%'. WHERE THIS SENSOR TYPE IS SHOWN, THE LIGHT FIXTURES SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVEL WHEN OCCUPANCY IS INITIALLY DETECTED. THE LIGHT FIXTURES SHALL BE MANUALLY RAISED OR LOWERED IF A DIFFERENT LIGHT LEVEL IS DESIRED.
03	WALL	WIRED	nWV-PDT-16	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO 'ENABLE' TO MAKE THE SENSOR AN OCCUPANCY SENSOR. SET THE OCCUPIED LEVEL IN THE SENSOR TO '50%'. WHERE THIS SENSOR TYPE IS SHOWN, THE LIGHT FIXTURES SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVEL WHEN OCCUPANCY IS INITIALLY DETECTED. THE LIGHT FIXTURES SHALL BE MANUALLY RAISED OR LOWERED IF A DIFFERENT LIGHT LEVEL IS DESIRED.
V1	CEILING	WIRED	RCMS-PDT-10-G2	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO 'DISABLE' TO MAKE THE SENSOR A VACANCY SENSOR.
\$01	WALL (46" AFF TO CENTER)	WIRED	WSXA-PDT-WH	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO "OCCUPANCY" TO MAKE THE SENSOR AN OCCUPANCY SENSOR. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT.
\$V1	WALL (46" AFF TO CENTER)	WIRED	WSXA-PDT-WH	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO "VACANCY" TO MAKE THE SENSOR A VACANCY SENSOR. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT.
\$0D	WALL (46" AFF TO CENTER)	WIRED	WSXA-PDT-D-WH	15 MINUTES	SET THE AUTO-ON OPTION IN THE SENSOR TO "OCCUPANCY" TO MAKE THE SENSOR AN OCCUPANCY SENSOR. SET THE OCCUPIED LEVEL IN THE SENSOR TO '50%'. WHERE THIS SENSOR TYPE IS SHOWN, THE LIGHT FIXTURES SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVEL WHEN OCCUPANCY IS INITIALLY DETECTED. THE LIGHT FIXTURES SHALL BE MANUALLY RAISED OR LOWERED IF A DIFFERENT LIGHT LEVEL IS DESIRED. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT.
\$L1	WALL (46" AFF TO CENTER)	WIRED	nPODMA-WH	-	THIS LOW-VOLTAGE WIRED SWITCH SHALL PROVIDE 'ON/OFF' CONTROL FOR ONE ZONE OF LIGHT FIXTURES. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT. TOP BUTTON SHALL BE ENGRAVED "ON". BOTTOM BUTTON SHALL BE ENGRAVED "OFF".
\$D1	WALL (46" AFF TO CENTER)	WIRED	nPODMA-DX-WH	-	THIS LOW-VOLTAGE WIRED SWITCH SHALL PROVIDE 'ON/OFF/RAISE/LOWER' CONTROL FOR ONE ZONE OF LIGHT FIXTURES. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT. TOP BUTTON SHALL BE ENGRAVED "ON". BOTTOM BUTTON SHALL BE ENGRAVED "OFF".
\$02	WALL (46" AFF TO CENTER)	WIRED	nPODMA-2P-DX-WH	-	THIS LOW-VOLTAGE WIRED SWITCH SHALL PROVIDE 'ON/OFF/RAISE/LOWER' CONTROL FOR TWO ZONES OF LIGHT FIXTURES. THE TOP BUTTON SHALL TURN ZONE #1 'ON'. THE SECOND BUTTON SHALL TURN ZONE #1 'OFF'. THE THIRD BUTTON SHALL TURN ZONE #2 'ON'. THE FOURTH BUTTON SHALL TURN ZONE #2 'OFF'. COLOR OF DEVICE SHALL BE AS SELECTED BY THE ARCHITECT. THE TOP BUTTON SHALL BE ENGRAVED 'ZONE 1 ON'. THE SECOND BUTTON SHALL BE ENGRAVED 'ZONE 1 OFF'. THE THIRD BUTTON SHALL BE ENGRAVED 'ZONE 2 ON'. THE FOURTH BUTTON SHALL BE ENGRAVED 'ZONE 2 OFF'.
\$DMX	WALL (46" AFF TO CENTER)	WIRED	FRESCO FCS 7TSN X	-	THIS DMX WALL STATON SHALL PROVIDE ON/OFF/RAISE/LOWER/COLOR CHANGING CONTROL FOR THE BALLROOM LIGHTING FIXTURES. REFER TO THE WALL STATION DETAIL ON SHEET E4-2 AND NOTES ON SHEET E1-1 FOR CONFIGURATION AND PROGRAMMING REQUIREMENTS. PROVIDE DMX CONTROL CABLEING AND EQUIPMENT AS REQUIRED TO ACCOMPLISH THE CONTROL OPERATIONS INDICATED.

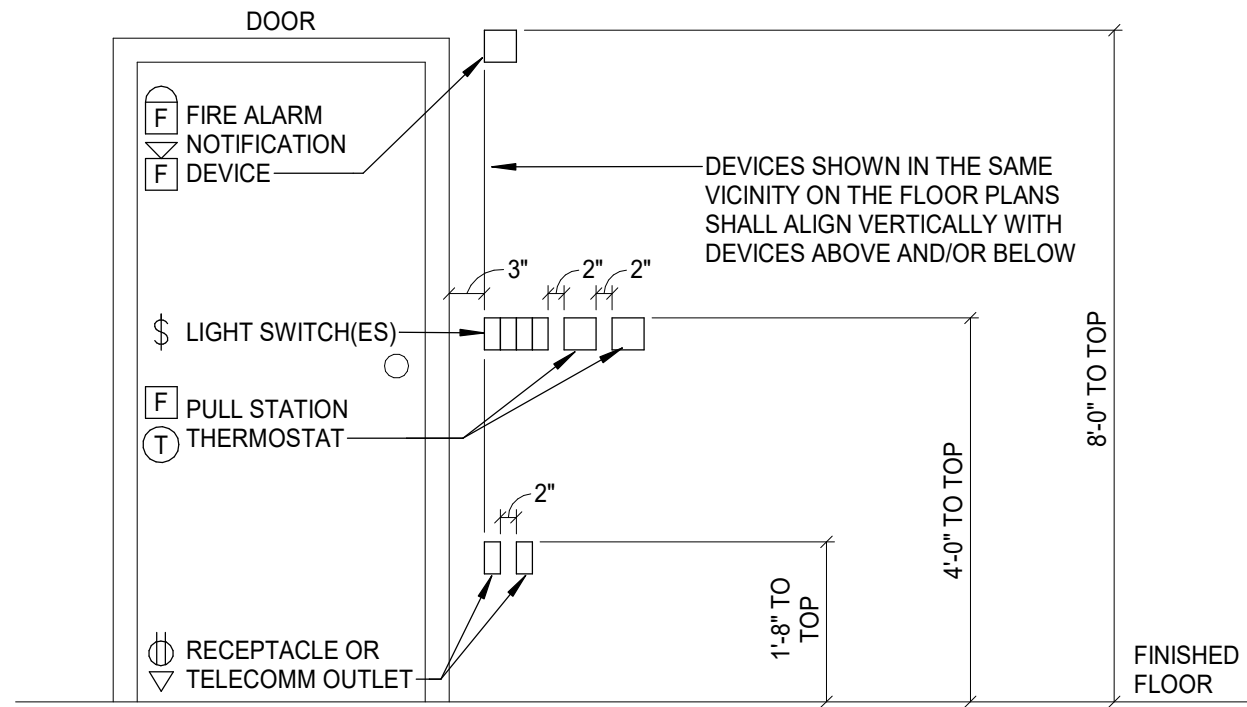
WIRED LIGHTING SENSOR AND SWITCH SCHEDULE GENERAL NOTES:

- DEVICE FINISHES SHALL BE AS OUTLINED IN THE SPECIFICATIONS.
- EXACT LOCATIONS OF ALL SENSORS SHALL BE AS RECOMMENDED BY MANUFACTURER.
- ALL OCCUPANCY/VACANCY SENSOR TIME DELAYS SHALL BE 15 MINUTES, UNLESS OTHERWISE NOTED.
- PROVIDE ALL LOW-VOLTAGE WIRING NEEDED FOR A FULLY OPERATIONAL SYSTEM (CAT 5E, 0-10V VIOLET-AND-GRAY, ANY OTHER MANUFACTURER-RECOMMENDED CABLING, PLENUM-RATED WHERE IN AIR HANDLING SPACES, IN DEDICATED CONDUIT SYSTEM WHERE NOT ABOVE ACCESSIBLE CEILINGS, IN DEDICATED SLEEVES WHERE PENETRATING PARTITIONS).
- FOR CAT5E "PLUG-AND-PLAY" SYSTEMS, AT LEAST ONE WALL SWITCH IN EACH ROOM SHALL HAVE AN OPEN CAT5E PORT.
- PROVIDE ALL PROGRAMMING NEEDED TO SET UP SENSORS, POWER PACKS, AND LOW-VOLTAGE SWITCHES PRIOR TO SUBSTANTIAL COMPLETION. LOW-VOLTAGE CONTROLS (SENSORS, SCENES, AND SWITCHES) SHALL BE USER-CONFIGURABLE EITHER VIA A MOBILE APP OR HANDHELD REMOTE CONTROLS - PROVIDE ONE OF EACH DEVICE REQUIRED FOR USER-CONFIGURATION AFTER INITIAL SETUP.
- ALL MANUAL CONTROL MOUNTING HEIGHTS SHALL BE 48" AFF TO THE TOP. LOAD CONTROLLERS SHALL BE LOCATED ABOVE THE NEAREST ACCESSIBLE CEILING (PLENUM-RATED WHERE IN AIR HANDLING SPACES).
- PROVIDE LOAD CONTROLLERS IN QUANTITIES NEEDED TO SERVE THE NUMBER OF ZONES INDICATED ON THE DRAWINGS. ROOMS MAY SHARE LOAD CONTROLLERS IF THERE ARE SUFFICIENT OUTPUTS AND IF ROOMS CAN STILL OPERATE INDEPENDENTLY OF ONE ANOTHER. LOAD CONTROLLERS SHALL BE THE DIMMING TYPE WITH 0-10V WIRING IN ROOMS WHERE SWITCHES ARE THE DIMMING TYPE OR WHERE PHOTOSENSORS ARE PRESENT.
- LOW-VOLTAGE CONTROL WIRING (INCLUDING 0-10V) MUST BE INSTALLED AS CLASS 2 CIRCUITS, IN FULL COMPLIANCE WITH NEC 725.136. LOW-VOLTAGE WIRING CANNOT SHARE THE SAME RACEWAY WITH LINE-VOLTAGE WIRING EXCEPT UNDER THE CONDITIONS LISTED IN NEC 725.136(i).
- SEE SPECIFICATIONS FOR MORE DETAILS. SUBMIT SHOP DRAWINGS OF ALL LIGHTING CONTROL DEVICES.

INTERIOR LIGHTING FIXTURE SCHEDULE										
TYPE MARK	MANUFACTURER	CATALOG NUMBER		MOUNTING	DELIVERED LUMENS	CCT	CRI	VOLTAGE	LOAD	REMARKS
			MODEL							
A1	LITHONIA LIGHTING	CPX-2X2-2000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT		RECESSED	2167	3500 K	80	120 V	16 W	2'X2' LED CENTER BASKET TROFFER.
A1E	LITHONIA LIGHTING	CPX-2X2-2000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-E10WLCP		RECESSED	2167	3500 K	80	120 V	16 W	2'X2' LED CENTER BASKET TROFFER. PROVIDE EMERGENCY BATTERY PACK.
A2	LITHONIA LIGHTING	CPX-2X2-3200LM-80CRI-35K-SWL-MIN10-ZT-MVOLT		RECESSED	3669	3500 K	80	120 V	30 W	2'X2' LED CENTER BASKET TROFFER.
A2E	LITHONIA LIGHTING	CPX-2X2-3200LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-E10WLCP		RECESSED	3669	3500 K	80	120 V	30 W	2'X2' LED CENTER BASKET TROFFER. PROVIDE EMERGENCY BATTERY PACK.
A3	LITHONIA LIGHTING	CPX-2X2-4000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT		RECESSED	4425	3500 K	80	120 V	36 W	2'X2' LED CENTER BASKET TROFFER.
A3E	LITHONIA LIGHTING	CPX-2X2-4000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-E10WLCP		RECESSED	4425	3500 K	80	120 V	36 W	2'X2' LED CENTER BASKET TROFFER. PROVIDE EMERGENCY BATTERY PACK.
A4	LITHONIA LIGHTING	CPX-2X4-3000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT		RECESSED	3207	3500 K	80	120 V	25 W	2'X2' LED CENTER BASKET TROFFER.
B1	JESCO LIGHTING	DL-AC-FLEX2-RGBW-FR-HW20-29-EC-LC-AC-1000-INT-HWSPM-LC-RF-51 0W-RGBWW		SURFACE	3335	RGBW	0	120 V	116 W	29' RGBW STRIP LIGHT WITH DMX CONTROL. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
B2	JESCO LIGHTING	DL-AC-FLEX2-RGBW-FR-HW20-36-EC-LC-AC-1000-INT-HWSPM-LC-RF-51 0W-RGBWW		SURFACE	4140	RGBW	0	120 V	144 W	36' RGBW STRIP LIGHT WITH DMX CONTROL. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
B3	JESCO LIGHTING	DL-AC-FLEX2-RGBW-FR-HW20-69-EC-LC-AC-1000-INT-HWSPM-LC-RF-51 0W-RGBWW		SURFACE	7935	RGBW	0	120 V	276 W	69' RGBW STRIP LIGHT WITH DMX CONTROL. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
B4	JESCO LIGHTING	DL-AC-FLEX2-RGBW-FR-HW20-96-EC-LC-AC-1000-INT-HWSPM-LC-RF-51 0W-RGBWW		SURFACE	11040	RGBW	0	120 V	384 W	96' RGBW STRIP LIGHT WITH DMX CONTROL. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
C1	GOTHAM	EV06-35/05-AR-LD-MWD-MVOLT-GZ1		RECESSED	519	3500 K	80	120 V	6 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT.
C1E	GOTHAM	EV06-35/05-AR-LD-MWD-MVOLT-GZ1-ELSD		RECESSED	519	3500 K	80	120 V	6 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT. PROVIDE EMERGENCY BATTERY PACK.
C2	GOTHAM	EV06-35/10-AR-LD-MWD-MVOLT-GZ1		RECESSED	994	3500 K	80	120 V	10 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT.
C2E	GOTHAM	EV06-35/10-AR-LD-MWD-MVOLT-GZ1-ELSD		RECESSED	994	3500 K	80	120 V	10 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT. PROVIDE EMERGENCY BATTERY PACK.
C3	GOTHAM	EV06-35/15-AR-LD-MWD-MVOLT-GZ1		RECESSED	1471	3500 K	80	120 V	15 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT.
C3E	GOTHAM	EV06-35/15-AR-LD-MWD-MVOLT-GZ1-ELSD		RECESSED	1471	3500 K	80	120 V	15 W	6-INCH MEDIUM BEAM OPEN LED DOWNLIGHT. PROVIDE EMERGENCY BATTERY PACK.
D1	JUNO	J5F-11IN 13LM-SWW5-90CRI-MVOLT ZT-WH		SURFACE	1532	3500 K	90	120 V	14 W	11-INCH SLIM ROUND LED DOWNLIGHT. SET COLOR TEMPERATURE TO 3500K.
D1E	JUNO	J5F-11IN 13LM-SWW5-90CRI-MVOLT ZT-WH-EM		SURFACE	1532	3500 K	90	120 V	14 W	11-INCH SLIM ROUND LED DOWNLIGHT. SET COLOR TEMPERATURE TO 3500K. PROVIDE EMERGENCY BATTERY PACK.
F1	WAC LIGHTING	FM-37533-3500K-AB		SURFACE	1534	3500 K	80	120 V	26 W	22-INCH LED SURFACE MOUNT.
G1	TBD	TBD		PENDANT	TBD	3500 K	80	120 V	50 W	OWNER FURNISHED LED PENDANT. PROVIDE NLIGHT POWER PACK nPP16 FOR DMX CONTROL.
G2	TBD	TBD		PENDANT	TBD	3500 K	80	120 V	50 W	OWNER FURNISHED LED PENDANT.
H1	TBD	TBD		SURFACE	TBD	RGBW	80	120 V	50 W	OWNER FURNISHED RGBW DMX COMPATIBLE LED WALL SCONCE.
J1	COOLEEDGE	TACC-INT-CUT-150-35-K-R3-TCBL-SCT-T10-TACC-SCT-STR-K-EPSS-092-54V-UL-CTR-SCT-DMX-48/58V		SURFACE	5400	3500 K	80	120 V	36 W	36 SQFT OF LED TILES WITH DMX CONTROL MOUNTED TO CEILING. PROVIDE MOUNTING HARDWARE AND POWER SUPPLIES AS REQUIRED. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
J2	COOLEEDGE	TACC-INT-CUT-150-35-K-R3-TCBL-SCT-T10-TACC-SCT-STR-K-EPSS-200-54V-UL-CTR-SCT-DMX-48/58V		SURFACE	18000	3500 K	80	120 V	120 W	120 SQFT OF LED TILES WITH DMX CONTROL MOUNTED TO CEILING. PROVIDE MOUNTING HARDWARE AND POWER SUPPLIES AS REQUIRED. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
J3	COOLEEDGE	TACC-INT-CUT-150-35-K-R3-TCBL-SCT-T10-TACC-SCT-STR-K-EPSS-200-54V-UL-CTR-SCT-DMX-48/58V		SURFACE	23400	3500 K	80	120 V	156 W	156 SQFT OF LED TILES WITH DMX CONTROL MOUNTED TO CEILING. PROVIDE MOUNTING HARDWARE AND POWER SUPPLIES AS REQUIRED. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
J4	COOLEEDGE	TACC-INT-CUT-150-35-K-R3-TCBL-SCT-T10-TACC-SCT-STR-K-EPSS-400-54V-UL-CTR-SCT-DMX-48/58V		SURFACE	78000	3500 K	80	120 V	520 W	520 SQFT OF LED TILES WITH DMX CONTROL MOUNTED TO CEILING. PROVIDE MOUNTING HARDWARE AND POWER SUPPLIES AS REQUIRED. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
K1	METEOR LIGHTING	RS4N-20-358-120-DMX-55-WHT		RECESSED	1610	3500 K	80	120 V	20 W	4-INCH LED DOWNLIGHT WITH DMX CONTROL.
K1E	METEOR LIGHTING	RS4N-20-358-120-DMX-55-WHT-EMP		RECESSED	1610	3500 K	80	120 V	20 W	4-INCH LED DOWNLIGHT WITH DMX CONTROL. PROVIDE EMERGENCY BATTERY PACK.
L1	LITHONIA LIGHTING	FEM-L48-4000LM-LPPCL-MD-MVOLT-GZ10-35K-80CRI		SURFACE	4039	3500 K	80	120 V	24 W	4' LED STRIP LIGHT WITH LOW PROFILE CLEAR POLYCARBONATE LENS.
L1E	LITHONIA LIGHTING	FEM-L48-4000LM-LPPCL-MD-MVOLT-GZ10-35K-80CRI-E10WMCP		SURFACE	4039	3500 K	80	120 V	24 W	4' LED STRIP LIGHT WITH LOW PROFILE CLEAR POLYCARBONATE LENS. PROVIDE EMERGENCY BATTERY PACK.
P1	LITHONIA LIGHTING	FMVCL5-48IN-MVOLT-35K-90CRI		SURFACE	3208	3500 K	80	120 V	36 W	4' CYLINDER LED VANITY.
W1E	GOTHAM	IV06SQCYL-SC-D-15LM-40K-80CRI-MWD-MIN10-MVOLT-ZT-L7-JBX-ETW R-WL-P-BZR-LSS-DOB1		SURFACE	1483	4000 K	80	120 V	15 W	EXTERIOR LED WALL SCONCE SUITABLE FOR WET LOCATION. PROVIDE EMERGENCY BATTERY PACK. MOUNT IN LOCATION OF EXISTING TO BE DEMOLISHED FIXTURE SHOWN ON PLANS. REFER TO ARCHITECTURAL SHEETS FOR ELEVATION.
W2	LITHONIA LIGHTING	WDGE2-P3-40K-80CRI-VF-MVOLT-SRM-DOBXD		SURFACE	3132	4000 K	80	120 V	23 W	EXTERIOR LED WALL SCONCE SUITABLE FOR WET LOCATION. MOUNT IN LOCATION OF EXISTING TO BE DEMOLISHED FIXTURE SHOWN ON PLANS. REFER TO ARCHITECTURAL SHEETS FOR ELEVATION.
W2E	LITHONIA LIGHTING	WDGE2-P3-40K-80CRI-VF-MVOLT-SRM-E10WH-DOBXD		SURFACE	3132	4000 K	80	120 V	23 W	EXTERIOR LED WALL SCONCE SUITABLE FOR WET LOCATION. PROVIDE EMERGENCY BATTERY PACK. MOUNT IN LOCATION OF EXISTING TO BE DEMOLISHED FIXTURE SHOWN ON PLANS. REFER TO ARCHITECTURAL SHEETS FOR ELEVATION.
X1	LITHONIA LIGHTING	EDG-1-G-EL		SURFACE	N/A	N/A	0	120 V	5 W	EDGE LIT LED EXIT SIGN WITH BRUSHED ALUMINUM HOUSING, GREEN LETTERING, AND EMERGENCY BATTERY BACK-UP. MOUNT AT 8'-0" AFF.
X2	LITHONIA LIGHTING	EDGR-2-G-EL		RECESSED	N/A	N/A	0	120 V	5 W	EDGE LIT LED EXIT SIGN WITH BRUSHED ALUMINUM HOUSING, GREEN LETTERING, AND EMERGENCY BATTERY BACK-UP.

LIGHTING FIXTURE SCHEDULE NOTES:

- FIXTURES SHOWN ON THE FLOOR PLAN HAVING A DESIGNATION OF "E" FOLLOWING THE BASE DESIGNATION (I.E. - A FIXTURE TYPE "AE, C2E, FE") AND/OR A HALF SHADED REGION SHALL BE THE BASE FIXTURE TYPE EQUIPPED WITH THE APPROPRIATE BATTERY BACK-UP. BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE AND REMOTE SHALL BE SELECTED ONLY IN INSTANCES WHERE IT IS SPECIFIED OR WHEN IT IS THE ONLY AVAILABLE EMERGENCY OPTION. THE LOCATION OF REMOTE BATTERY BACKUPS SHALL BE SELECTED BY THE OWNER/ARCHITECT PRIOR TO INSTALLATION BY THE CONTRACTOR.
- ALL REQUIRED TEST SWITCHES FOR THE BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHTING FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHTING FIXTURE SCHEDULE AND THE SPECIFICATIONS, THE GREATER QUANTITY OR HIGHER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
- UNLESS OTHERWISE INDICATED ON THE SCHEDULE ABOVE, THE ARCHITECT/OWNER SHALL SELECT ALL FINISHES, COLORS, AND TRIMS, INCLUDING FINISHES OF POLES, HOUSINGS, ETC.
- ALL LED FIXTURE BOARDS AND DRIVERS SHALL BE OF THE LATEST GENERATION, BASED UPON THE INDIVIDUAL MANUFACTURER'S STATED LITERATURE. IF A "GEN 5" IS AVAILABLE, "GEN 4" FIXTURES ARE NOT ACCEPTABLE.
- EXIT SIGNS AND EMERGENCY BATTERY BACK-UPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AS REQUIRED TO MAINTAIN THE BATTERIES AT FULL CHARGE. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL WIRING AS REQUIRED.
- LIGHTING FIXTURE MANUFACTURERS OTHER THAN THOSE LISTED IN THE LIGHTING FIXTURE SCHEDULE AND DESIRING TO BID THIS PROJECT SHALL REQUEST PRIOR APPROVAL OF THE FIXTURES THEY WISH TO SUBSTITUTE. PRIOR APPROVAL REQUEST SHALL INCLUDE FIXTURE CUT SHEETS.
- PRIOR APPROVAL IS NOT REQUIRED FOR THIS PROJECT AND SUBSTITUTIONS WILL BE REVIEWED DURING THE SUBMITTAL PHASE OF CONSTRUCTION. THE CONTRACTOR ACCEPTS ALL RESPONSIBILITY FOR ENSURING THAT ANY SUBSTITUTIONS ARE ACCEPTABLE TO THE OWNER, AND MEET THE AESTHETICS, INTENT, AND BASIS OF DESIGN OF THE SPECIFIED FIXTURES AS DETERMINED BY THE ENGINEER/ARCHITECT.
- ALL LIGHTING SPECIFIED SHALL BE 3500K INTERIOR & 4000K EXTERIOR UNLESS NOTED OTHERWISE. CONFIRM COLOR TEMPERATURES WITH ARCHITECT AND OWNER PRIOR TO ORDERING LIGHT FIXTURES.
- ALL LIGHTING SPECIFIED SHALL HAVE 80CRI MINIMUM UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE ALL HARDWARE AND ACCESSORIES AS REQUIRED TO INSTALL FIXTURES IN LOCATIONS AS ILLUSTRATED WITH MOUNTING METHODS DESIRED.
- WHEN A UNIVERSAL (120-277V) VOLTAGE OPTION IS AVAILABLE, IT SHALL BE PROVIDED. OTHERWISE PROVIDE AS INDICATED IN SCHEDULE.
- FOR ALL SUSPENDED FIXTURES, COORDINATE THE EXACT MOUNTING ELEVATION ABOVE FINISHED FLOOR WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SUSPENSION HARDWARE IN LENGTHS AS REQUIRED.

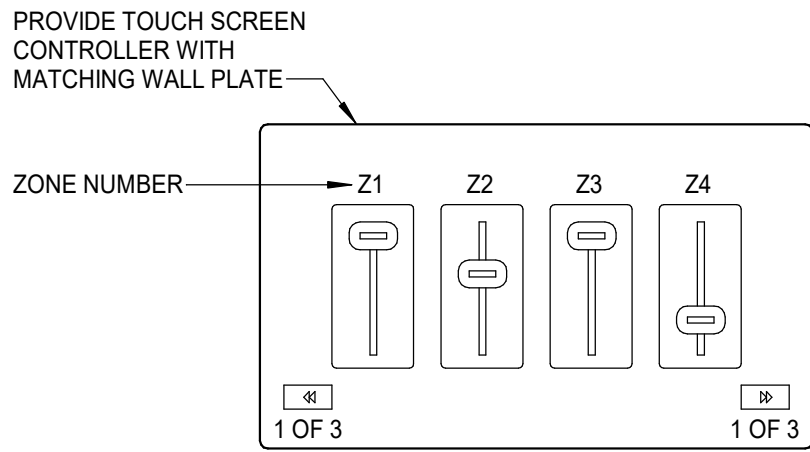


#### DETAIL NOTES:

- NOT ALL DEVICES SHOWN ARE USED IN ALL LOCATIONS. REFER TO THE ELECTRICAL FLOOR PLANS FOR DEVICE LOCATIONS.
- DEVICE HEIGHTS INDICATED ON THE FLOOR PLANS SHALL TAKE PRECEDENCE OVER THE HEIGHTS INDICATED ON THIS DETAIL.
- DEVICES THAT ARE SHOWN SIDE BY SIDE ON THE FLOOR PLANS, BUT NOT GANGED TOGETHER, SHALL BE INSTALLED WITH 2" OF SEPARATION BETWEEN THE FACEPLATES UNLESS NOTED OTHERWISE, OR UNLESS MORE SEPARATION IS REQUIRED TO MAINTAIN FIRE RATING OF WALL.

### 2 TYPICAL WALL DEVICE LOCATION DETAIL

Scale: NONE

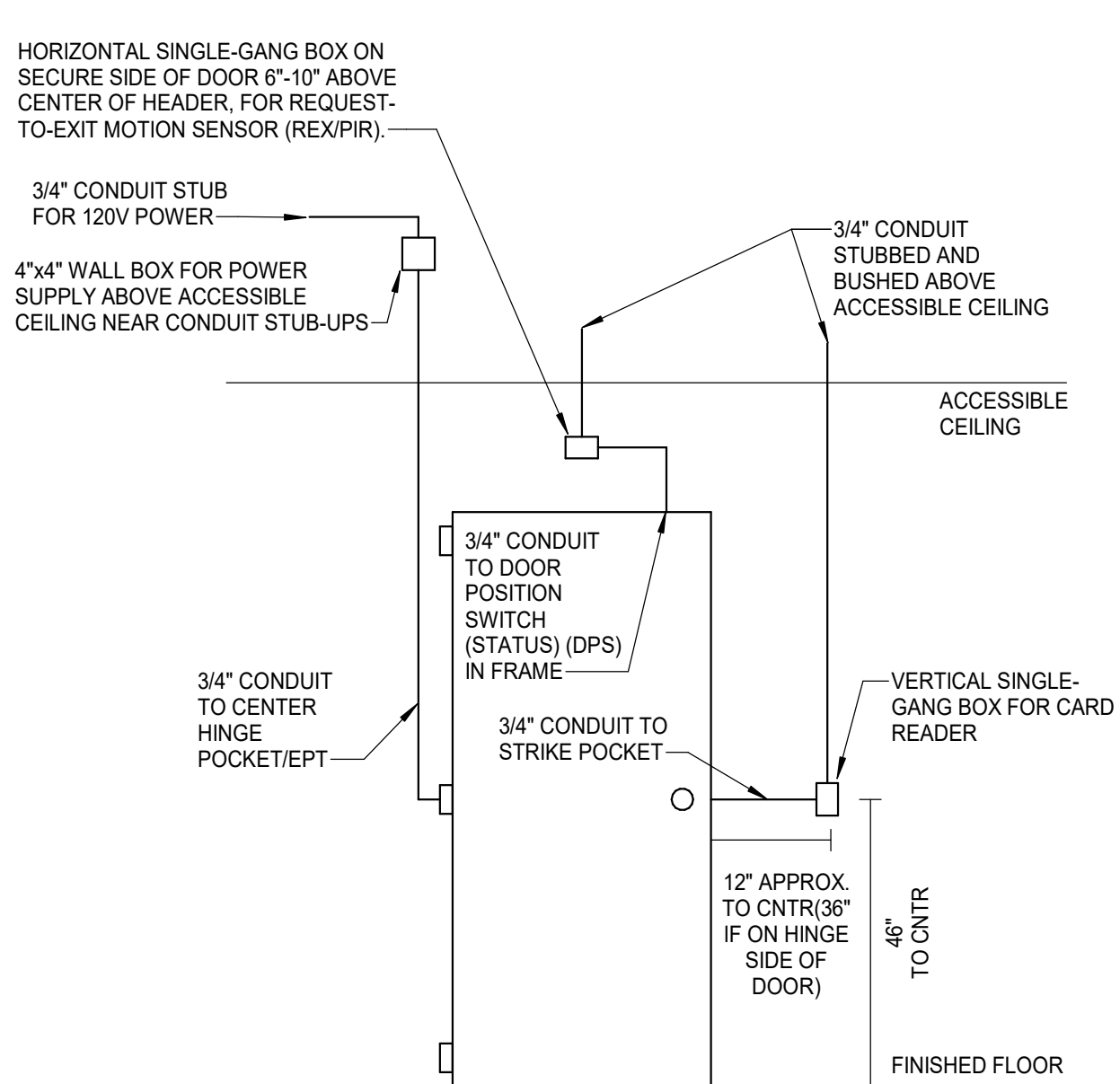


#### DMX WALL STATION ZONES:

- ZONE 1: NORTH BALLROOM FIXTURE TYPE K1, K1E
- ZONE 2: NORTH BALLROOM FIXTURE TYPE H1
- ZONE 3: NORTH BALLROOM FIXTURE TYPE G1
- ZONE 4: NORTH BALLROOM FIXTURE TYPE B1, B2, B3, B4
- ZONE 5: NORTH BALLROOM FIXTURE TYPE J1, J2, J3, J4
- ZONE 6: SOUTH BALLROOM FIXTURE TYPE K1, K1E
- ZONE 7: SOUTH BALLROOM FIXTURE TYPE H1
- ZONE 8: SOUTH BALLROOM FIXTURE TYPE G1
- ZONE 9: SOUTH BALLROOM FIXTURE TYPE B3, B4
- ZONE 10: SOUTH BALLROOM FIXTURE TYPE J3, J4

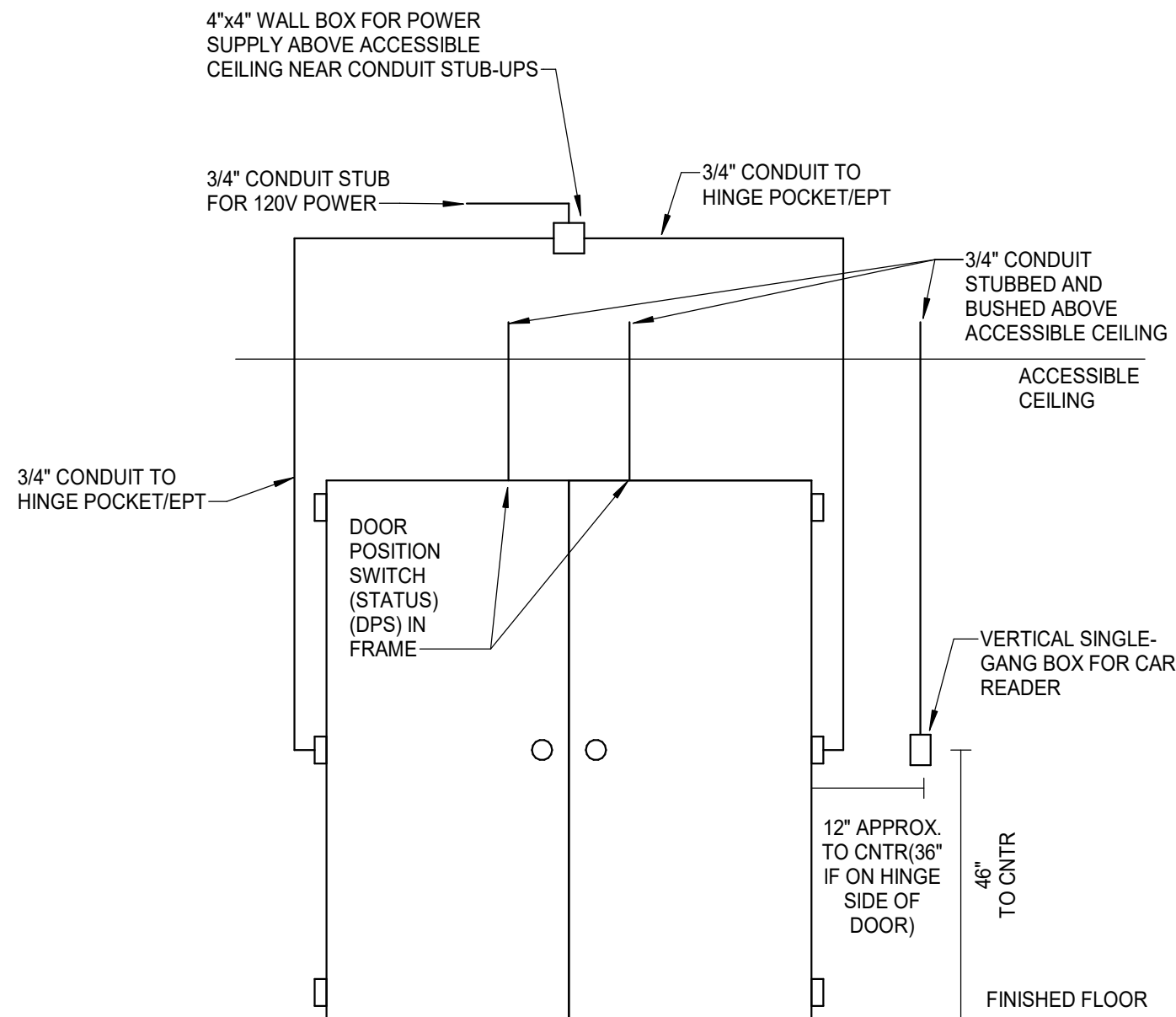
### 1 DMX WALL STATION

Scale: NONE



#### DOOR ROUGH-IN SETUP TYPE 'A' - SINGLE DOOR

NO SCALE



#### DOOR ROUGH-IN SETUP TYPE 'B' - DOUBLE DOOR

NO SCALE

ALL SETUP DIAGRAMS ARE SHOWN AS VIEWED FROM THE UNSECURE SIDE OF THE DOOR(S). DIVISION 26 SHALL PROVIDE ALL BOXES, CONDUIT AND LINE-VOLTAGE WIRING NEEDED; ALL LOW-VOLTAGE CABLING SHALL BE BY DIVISION 27 AS SPECIFIED IN 27 1000, AND ALL DEVICES (CARD READERS, REQUEST-TO-EXIT MOTION SENSORS, POWER SUPPLIES, ETC.) SHALL BE BY DIVISION 28 AS SPECIFIED IN 28 1300, EXCEPT FOR ITEMS INCLUDED AS PART OF ARCHITECT'S DOOR HARDWARE SPECIFICATION. FOR DOUBLE DOORS WITH CARD READERS, FIELD-COORDINATE WHICH DOOR IS THE ACTIVE DOOR, AND INSTALL THE CARD READER BOX ON THE HINGE SIDE OF THE ACTIVE DOOR (MAY BE ON THE LEFT INSTEAD OF THE RIGHT IN SOME LOCATIONS). CARD READERS FOR SINGLE DOORS WILL BE ON THE LATCH SIDE OF THE DOOR, UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS.

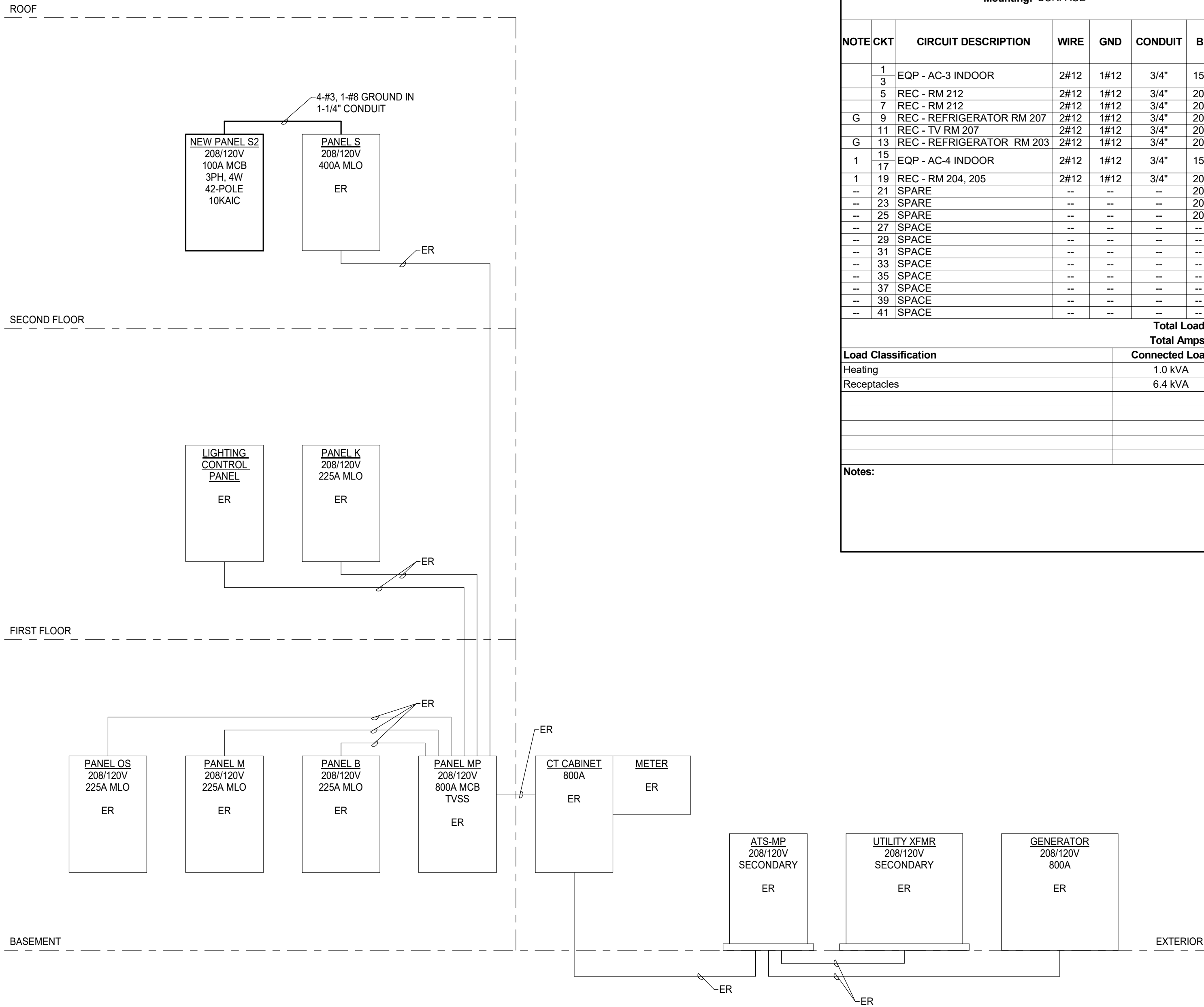
ALL SINGLE DOORS WITH CARD READERS SHALL HAVE SETUP TYPE 'A'. ALL DOUBLE DOORS WITH CARD READERS SHALL HAVE SETUP TYPE 'B'.

FOR SETUP TYPES 'A', NOT ALL BOXES AND CONDUITS BEING ROUGHED-IN WILL BE USED, AND NOT ALL OF THESE DOORS WILL NEED 120V POWER. THE UNUSED BOXES SHALL BE COVERED OVER WITH THE WALL. COORDINATE WITH THE OWNER AND DOOR HARDWARE SPECIFICATION FOR WHICH BOXES WILL BE USED AND WHICH ONES SHOULD BE COVERED. ALL UNUSED BOXES AND CONDUITS SHALL HAVE A PULL STRING FOR FUTURE USE.

### 3 ACCESS CONTROL DOOR DIAGRAMS

Scale: NONE

New Panel: S2																
Location: BREAK ROOM 203							Volts: 120/208 Wye				A.I.C. Rating: 10,000					
Supply From: S							Phases: 3				Enclosure: NEMA 1					
Mounting: SURFACE							Wires: 4				Mains: 100A MCB					
Phase in kVA																
NOTE	CKT	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR	A	B	C	BKR	CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	CKT	NOTE
	1	EQP - AC-3 INDOOR	2#12	1#12	3/4"	15	2	0.2 / 0.5		1	20	3/4"	1#12	2#12	REC - OFFICE 213	2
	3							0.2 / 0.9		1	20	3/4"	1#12	2#12	REC - RM 212	4
	5	REC - RM 212	2#12	1#12	3/4"	20	1		0.2 / 0.2	1	20	3/4"	1#12	2#12	REC - RM 212	6
	7	REC - RM 212	2#12	1#12	3/4"	20	1	0.2 / 0.2		1	20	3/4"	1#12	2#12	REC - REFRIGERATOR RM 212	8
G	9	REC - REFRIGERATOR RM 207	2#12	1#12	3/4"	20	1	0.2 / 0.9		1	20	3/4"	1#12	2#12	REC - RM 202, 207	10
	11	REC - TV RM 207	2#12	1#12	3/4"	20	1		0.5 / 0.9	1	20	3/4"	1#12	2#12	REC - RM 200, 203	12
G	13	REC - REFRIGERATOR RM 203	2#12	1#12	3/4"	20	1	1.0 / 0.0		1	20	--	--	--	SPARE	14
	15							0.2 / 0.0		1	20	--	--	--	SPARE	16
	17	EQP - AC-4 INDOOR	2#12	1#12	3/4"	15	2		0.2 / 0.0	1	20	--	--	--	SPARE	18
1	19	REC - RM 204, 205	2#12	1#12	3/4"	20	1	0.7 / 0.0		1	20	--	--	--	SPARE	20
--	21	SPARE	--	--	--	20	1	0.0 / 0.0		1	20	--	--	--	SPARE	22
--	23	SPARE	--	--	--	20	1		0.0 / 0.0	1	20	--	--	--	SPARE	24
--	25	SPARE	--	--	--	20	1	0.0 / 0.0		1	--	--	--	--	SPACE	26
--	27	SPACE	--	--	--	--	1	0.0 / 0.0		1	--	--	--	--	SPACE	28
--	29	SPACE	--	--	--	--	1		0.0 / 0.0	1	--	--	--	--	SPACE	30
--	31	SPACE	--	--	--	--	1	0.0 / 0.0		1	--	--	--	--	SPACE	32
--	33	SPACE	--	--	--	--	1	0.0 / 0.0		1	--	--	--	--	SPACE	34
--	35	SPACE	--	--	--	--	1		0.0 / 0.0	1	--	--	--	--	SPACE	36
--	37	SPACE	--	--	--	--	1	0.0 / 0.0		1	--	--	--	--	SPACE	38
--	39	SPACE	--	--	--	--	1	0.0 / 0.0		1	--	--	--	--	SPACE	40
--	41	SPACE	--	--	--	--	1		0.0 / 0.0	1	--	--	--	--	SPACE	42
Total Load:							2.9 kVA	2.5 kVA	2.0 kVA							
Total Amps:							24 A	21 A	17 A							
Load Classification					Connected Load		Demand Factor		Estimated Demand			Panel Totals				
Heating					1.0 kVA		100.00%		1.0 kVA			Total Conn. Load: 7.3 kVA				
Receptacles					6.4 kVA		100.00%		6.4 kVA			Total Est. Demand: 7.3 kVA				
												Total Conn. Current: 20 A				
												Total Est. Demand Current: 20 A				



1 ELECTRICAL RISER DIAGRAM  
Scale: NONE

ELECTRICAL RISER DIAGRAM NOTES:

1. ALL EQUIPMENT AND FEEDERS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.



Existing Panel: MP

Location: STORAGE B01						Volts: 120/208 Wye						A.I.C. Rating: 42,000					
Supply From:						Phases: 3						Enclosure: NEMA 1					
Mounting: SURFACE						Wires: 4						Mains: 800A MCB					
Phase in kVA																	
NOTE	CKT	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR	A	B	C	BKR	CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	CKT	NOTE	
--	1	ELEVATOR SHUNT TRIP	--	--	--	20	1	0.0 / 0.8		2	15	3/4"	1#12	2#12	EQP - AC-1 INDOOR RM B10	2	1
1	3	EQP - BOILER PUMP RM B11	2#12	1#12	3/4"	20	1	1.2 / 0.8								4	
	5	EQP - AC-1 OUTDOOR	2#8	1#10	3/4"	40	2	2.0 / 0.0	2.0 / 0.0	3	15	--	--	--	HWP-1	6	--
1	9	REC - RM B01	2#12	1#12	3/4"	20	1	0.9 / 0.0								10	
--	11	ELEVATOR	--	--	--	110	3	0.0 / 4.5	0.0 / 3.2	3	125	--	--	--	PANEL M	12	
	13							0.0 / 3.0								14	
	15								0.0 / 0.0							16	
--	17	PANEL B	--	--	--	175	3	0.0 / 0.0		3	225	--	--	--	PANEL K	18	--
	19							0.0 / 0.0								20	
	21								16.6 / 0.0							22	
--	23	PANEL S	--	--	--	300	3	22.1 / 0.0		3	100	--	--	--	PANEL OS	24	
	25							23.3 / 0.0								26	--
	27								0.0 / 1.3							28	
--	29	HWP-2	--	--	--	15	3	0.0 / 1.3		2	25	--	--	--	HP-1 OUTDOOR	30	--
	31							0.0 / 0.4		1	20	3/4"	1#12	2#12	REC - RM B01	32	1
	33								0.0 / 0.0							34	
--	35	DIMMER PANEL	--	--	--	100	3	0.0 / 0.0		3	30	--	--	--	TVSS	36	--
	37							0.0 / 0.0								38	
	39															40	
Total Load:							30.8 kVA	29.5 kVA	23.2 kVA								
Total Amps:							265 A	254 A	193 A								
Load Classification			Connected Load			Demand Factor			Estimated Demand			Panel Totals					
Heating			64.0 kVA			100.00%			64.0 kVA								
Lighting			6.9 kVA			125.00%			8.7 kVA			Total Conn. Load: 83.5 kVA					
Miscellaneous			5.0 kVA			100.00%			5.0 kVA			Total Est. Demand: 85.2 kVA					
Receptacles			7.6 kVA			100.00%			7.6 kVA			Total Conn. Current: 232 A					
												Total Est. Demand Current: 236 A					