MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address: 6100 Connecticut Avenue, Chevy Chase Meeting Date: 5/24/2023

Resource: Outstanding Resource **Report Date:** 5/17/2023

Chevy Chase Village Historic District

Public Notice: 5/10/2023

Applicant: Chevy Chase Country Club

(DLR Group & EHT Traceries) Tax Credit: N/A

Review: Historic Area Work Permit Staff: John Liebertz

Permit Number: 1028602

PROPOSAL: Fenestration alterations, construction of new terrace, hardscape and pathway alterations, terrace alterations, installation of cable railings, new rooftop mechanical equipment, tree removal, and lighting alterations.

STAFF RECOMMENDATION

Staff recommends that the Historic Preservation Commission (HPC) approve the HAWP application.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Outstanding Resource within the Chevy Chase Village Historic District

STYLE: Georgian Revival with prominent Neoclassical elements

DATE: 1911/1926



Figure 1: The subject property at 6100 Connecticut Avenue is located on the west side of the street. The red hatched area is the boundary of the Chevy Chase Village Historic District and the yellow star is the location of the clubhouse.

Source: Montgomery Planning.

PROPOSAL

The applicant proposes the following alterations to the clubhouse all of which are on the rear elevations of the building or not visible from the public rights-of-way: 1) replace several non-historic windows and doors; 2) install new doors or windows; 3) demolish select landscape and hardscape elements; 4) construct a new wood terrace adjoining the existing brick terrace; 4) construction of brick and concrete pathways and stone retaining walls with wood railings; 5) reroof second-story terrace and install Ipe deck; 6) replace existing second floor railing in-kind and install cable rails; 7) replace and relocated new rooftop mechanical units; 8) removal of a 10" gum tree, 12" blackgum tree, 12" maple tree to the west of the clubhouse.

APPLICABLE GUIDELINES

The Historic Preservation Office and Historic Preservation Commission (HPC) consult several documents when reviewing alterations and new construction within the Chevy Chase Village Historic District. These documents include the historic preservation review guidelines in the approved and adopted amendment for the Chevy Chase Historic District (Guidelines), Montgomery County Code Chapter 24A (Chapter 24A), and the Secretary of the Interior's Standards for Rehabilitation (Standards). The pertinent information in these three documents is outlined below.

Chevy Chase Village Historic District Guidelines

The *Guidelines* break down specific projects into three levels of review - Lenient, Moderate and Strict Scrutiny.

"Lenient Scrutiny" means that the emphasis of the review should be on issues of general massing and scale, and compatibility with the surrounding streetscape, and should allow for a very liberal interpretation of preservation rules. Most changes should be permitted unless there are major problems with massing, scale or compatibility.

"Moderate Scrutiny" involves a higher standard of review than "lenient scrutiny." Besides issues of massing, scale and compatibility, preserving the integrity of the resource is taken into account. Alterations should be designed so that the altered structure still contributes to the district. Use of compatible new materials, rather than the original building materials, should be permitted. Planned changes should be compatible with the structure's existing design, but should not be required to replicate its architectural style.

"Strict Scrutiny" means that the planned changes should be reviewed to insure that the integrity of the significant exterior architectural or landscaping features and details is not compromised. However, strict scrutiny should not be "strict in theory but fatal in fact" i.e. it does not mean that there can be no changes but simply that the proposed changes should be reviewed with extra care.

The Guidelines state five basic policies that should be adhered to, including:

- Preserving the integrity of the Chevy Chase Village Historic District. Any alterations should at a minimum, perpetuate the ability to perceive the sense of time and place portrayed by the district.
- Preserving the integrity of contributing structures. Alterations should be designed in such a way that the altered structure still contributes to the district.
- Maintaining the variety of architectural styles and the tradition of architectural excellence.
- Design review emphasis should be restricted to changes that will be visible from the front or side public right-of-way, or that would be visible in the absence of vegetation or landscaping.

• Alterations to the portion of a property that are not visible from the public-right-of-way should be subject to a very lenient review. Most changes to the rear of the properties should be approved as a matter of course.

The Guidelines provide specific guidance regarding the Chevy Chase Country Club.

The outstanding historic buildings and structures within the Club complex that are included in the designation of the expanded Chevy Chase Village Historic District are: the original portion of the main clubhouse building, the stable, and the streetcar shelter and stone wall along Connecticut Avenue. Not included in the designation are the south wing of the clubhouse (known as the Bradley House), the south appendages and greenhouses connected to the 1909 stable, the golf course, tennis courts, swimming pool complex, winter center and ice rink, a recently approved tennis building, nor the grounds around these other structures and facilities. This Master Plan recognizes that the institutional use such as Chevy Chase Club has evolved over time and must continue to do so to serve the changing needs on the Club property outside the designated area are not restricted. Future changes may be anticipated to the main clubhouse building.

A Historic Area Work Permit would be required for exterior changes to or demolition of the designated structures: the main clubhouse (excluding the south Bradley House wing), the stable (excluding the south greenhouse wing), the streetcar shelter, or the stone wall, or for the construction of new buildings or structures within the designated area. While changes to these designated structures will require Historic Area Work Permit approval, the intent of designation is to give the highest level of protection and review to the portions of the site visible from the public right-of-way. Alterations to the main clubhouse building that are not visible from public right-of-way should be subject to very lenient scrutiny. Most changes to the rear of this building should be approved as a matter of course. (Emphasis added by staff).

Montgomery County Code, Chapter 24A-8

The following guidance which pertains to this project are as follows:

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to ensure conformity with the purposes and requirements of this chapter, if it finds that:
 - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
 - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
 - (3) The proposal would enhance or aid in the protection, preservation and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or
- (c) It is not the intent of this chapter to limit new construction, alteration or repairs to any 1 period or architectural style.
- (d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design

significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

Secretary of the Interior's Standards for Rehabilitation

The Secretary of the Interior defines rehabilitation as "the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values." The applicable *Standards* are as follows:

- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- 5. Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.
- 6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.
- 9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- 10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

STAFF DISCUSSION

The subject property is an Outstanding Resource to the Chevy Chase Village Historic District. In the early twentieth century, the Chevy Chase Country Club served as a private amenity and elevated the community's prestige and social standing among elites. Architect Jules Henri de Sibour designed the clubhouse in 1911 in the Georgian Revival style. The two-and-a-half story building consisted of stone exterior walls that supported a side-gable roof flanked by two-story, front-gable wings. In 1914, the club added a Neoclassical porte-cochere to the façade. The following year, they expanded the west porch (on the rear of the building facing the golf course) with a distinctive semi-circular bay. In 1926, Architect Waddy Wood designed the demolished stone addition to the north and the Bradley House to the south. These changes are evident in the Sanborn Maps and historic photographs of the clubhouse (*Figure 2*).

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¹ For more information, see the Chevy Chase Survey District National Register Review Form (2002), https://mht.maryland.gov/secure/medusa/PDF/Montgomery/M;%2035-13.pdf.

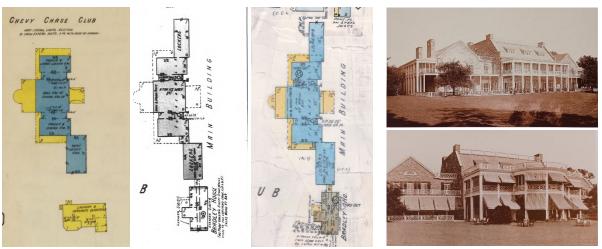


Figure 2: Sanborn Fire Insurance Maps showing 1903-1916 (left), 1927 (center), and 1927-1963 (right). Historic photographs show the rear elevation prior to and after the construction of the larger rear porch with a semicircular bay in 1915.

Source: Montgomery Planning and Robert H. Thompson, The Chevy Chase Club (Chevy Chase, MD: Chevy Chase Club, 1992).

Alterations to the clubhouse (in particular to the rear elevation) continued throughout the twentieth century. The applicant created the below graphic (*Figure 3*) that illustrates the relevant changes to the building. This included the: 1) enlargement and enclosure of the west (rear) porch (1933-1940); 2) construction of a one-story frame addition in 1958; 3) major alteration/addition to the northern wing in 1969; 4) construction of an exterior stair and vestibule on the south elevation of the southern front-gable wing in 1969; 5) renovation and window replacement on the enclosed west (rear) porch; 6) renovation and window replacement of the second floor of the west (rear) porch in 2002; and 7) installation of a bluestone paver dance terrace in 2004.²

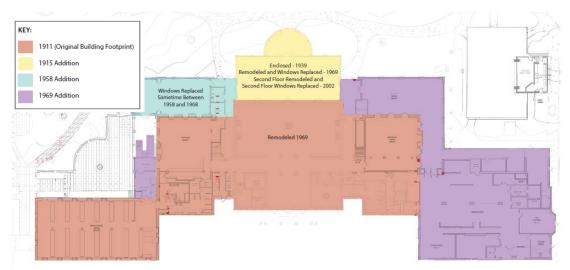


Figure 3: Chevy Chase Building Chronology. Source: DLR Group & EHT Traceries.

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² For more information about the HPC approved projects, see https://mcatlas.org/tiles/06 HistoricPreservation PhotoArchives/Padlock/HAR60640009/Box074/35-13-02A_Chevy%20Chase%20Historic%20District_6100%20Connecticut%20Avenue_11-13-2002.pdf and https://mcatlas.org/tiles/06 HistoricPreservation PhotoArchives/Padlock/HAR60640003/Box013/35-13-00B_Chevy%20Chase%20Village%20HD_6100%20Connecticut%20Avenue_06-14-2000.pdf.

The applicant provided the entire building permit set but pulled sheets with exterior alterations (see attached). The public or commissioners should contact the Historic Preservation staff to review the full building set if desired. The subsequent sections of the staff report consist of an analysis of each proposed alteration.

Fenestration Alterations – South Elevation of the 1911 Men's Locker Room

Staff finds that the alterations to the six-over-six, double-hung, wood-sash window located in a partially enclosed hyphen connecting the Men's Locker Room and Bradley House to be consistent with the applicable guidelines and recommends approval. The window would be removed and the size of the opening in the stone wall would be expanded to the ground to install a six-panel door with a nine-light transom required by code for egress. The proposed wood door matches the design of an existing door on the opposite end of the hyphen (outside of the historic district boundary). The proposal is compatible with the design of the clubhouse and should be approved as a matter of course as it is located on an elevation of the building that is not visible from the public rights-of-way.

Fenestration Alterations - South Elevation of the 1969 Vestibule

Staff finds that the replacement of two 12-light, fixed wood windows separated by a heavier wood mullion with a double-leaf, ten-light, wood door with a paired six-light transom to be consistent with the applicable guidelines and recommends approval. The existing window is a non-historic element of the building. The proposed wood door is compatible with the design of the clubhouse, better recalls the design of the no longer extant windows on the rear elevation, and should be approved as a matter of course as it is located on the rear elevation of the building.

Fenestration Alterations – South Elevation of the Original South Gable Wing at the Tap Room and Card Room

Staff finds the alterations to the fenestration at the south elevation of the original south wing (at the Tap Room and Card Room) to be consistent with the applicable guidelines and recommends approval. The applicant proposes to remove two double-leaf, 10-light, wood doors with four-light wood transoms located under the non-historic exterior stair. New single-leaf, 15-light, wood doors with a three-light transom would be installed in the existing openings. The proposed doors are compatible with the design and fenestration patterns of the clubhouse and should be approved as a matter of course as they are located on the rear elevation of the building.

Fenestration Alterations – West and South Elevations of the 1958 Addition at the Tap Room and Card Room

Staff finds that the alterations to the west and south elevations of the 1958 addition (at the Tap Room and Card Room) to be consistent with the applicable guidelines and recommends approval. The applicant proposes the in-kind replacement of the existing fixed wood windows on the 1958 addition and replacement of the six single-light, triple-hung, wood windows with two-light fixed wood windows. The proposed muntins would align with and continue the horizontal line created by the muntins of the existing fixed windows. The windows are compatible with the design and fenestration patterns of the clubhouse and should be approved as a matter of course as they are located on the rear elevation of the building.

Fenestration Alterations - West Elevation of the 1958 Addition at the Tap Room and Card Room

Staff finds that the nearly in-kind replacement of non-historic, paired, wood double-leaf doors with two-light transoms is consistent with the applicable guidelines and recommends approval. The northern door would remain operable while the matching false southern door would be permanently fixed. The proposed

doors are compatible with the design and fenestration patterns of the clubhouse and should be approved as a matter of course as they are located on the rear elevation of the building.

Fenestration Alterations - North Elevation of the 1969 Terrace Room

Staff finds the removal of the multi-leaf, automatic, sliding glass door and restoration of the opening to its original condition to be consistent with the guidelines and recommends approval. The proposed window would match the two existing windows to the north, is compatible with the design and fenestration patterns of the clubhouse, and should be approved as a matter of course as it is on the rear elevation.

Fenestration Alterations – West Elevation of the 1969 Pool and Canteen Wing

Staff finds the in-kind replacement of an automatic aluminum sliding door on the southern end of the west elevation to be consistent with the guidelines and recommends approval.

Fenestration Alterations - North Elevation of the 1969 Pool and Canteen Wing

Staff finds that the replacement of the single-leaf and double-leaf doors in the canted bay on the north elevation to be consistent with the guidelines and recommends approval. The single-leaf door would be replaced with fixed wood windows. The fenestration is part of a non-historic addition constructed in 1969 and the alteration should be approved as a matter of course.

Roof Alteration – 2nd Story North and South Roof Terraces

Staff finds the alterations to be consistent with the applicable guidelines and recommends approval. The applicant proposes to: 1) reroof the existing north and south roof terraces and install IPE wood tile decking; and 2) install a cable rail behind the character defining Chippendale wood railing as required by code. The wood decking would not be visible from any point of view other than standing on the roof terrace. The installation of the cable railing has less adverse effect than other potential treatments to the historic railing and would be rather transparent as shown in examples provided by the applicant. The alterations should be approved as a matter of course as it is on the rear elevation.

New Construction – South Terrace and Deck (Tree Removal)

Staff finds that the construction of the new terrace and deck to be consistent with the applicable guidelines and recommends approval. The applicant proposes: 1) the partial demolition of the western section of the existing brick patio and stair; 2) a new brick patio that adjoins the existing brick patio with the proposed deck; 3) new stone stair with stone walls, piers, and railings that access the new brick patio; and 4) construction of a new wood deck that wraps the west and south elevations of the 1958 addition.

The proposed design, scale, and materials of the proposed terrace and deck is compatible with the historic resource. The submission continues the design and feel of the original clubhouse with its matching ornate Chippendale railing that has been retained or included in various iterations of the rear elevation over the last 100 years. The inclusion of cable rails (behind the wood railing and required per code) will not adversely affect the overall design of the clubhouse. While the terrace necessitates the removal of a 10" gum, 10" maple, and 12" blackgum trees, there are no noted impacts to the character defining nearby 59-inch Oak tree. Furthermore, all these alterations (including the removal of the trees) should be approved as a matter of course as they are on the rear elevation and do not affect the overall scale and massing of the building or character of the district.

New Construction – Walkway to the Existing South Brick Patio

Staff finds the alterations to be consistent with the applicable guidelines and recommends approval. The applicant proposes to demolish the existing brick walkway with two risers (to the north of the Men's Locker Room and Bradley House). The new accessible brick walkway (less than a 5 percent slope) would be flanked with low fieldstone retaining walls as it approaches the patio. The alterations should be approved as a matter of course as it is on the rear elevation.

New Construction – Walkways/Pathways

Staff finds the new walkways and pathways (primarily located near the southwest corner of the building) to be consistent with the applicable guidelines and recommends approval. The applicant proposes the inkind replacement of two existing concrete paths and covering of an existing gravel path with new landscaping and gravel. The proposed changes to the pathways should be approved as a matter of course due to their location at the rear of the building.

New Construction – Mechanical Equipment

Staff finds the removal and installation of new mechanical equipment to be consistent with the applicable guidelines and recommends approval. The mechanical equipment would not be visible when looking east from Connecticut Avenue or west from the club's property.

New Light Fixtures

Staff finds the proposed and replacement lighting on the rear and side elevations to be consistent with the applicable guidelines and recommends approval. The new hanging lanterns and wall sconces would be copper and recall the existing fixtures. The proposed fixtures are compatible with the design of the clubhouse and should be approved as a matter of course due to their locations.

STAFF RECOMMENDATION

Staff recommends that the Historic Preservation Commission (HPC) <u>approve</u> the HAWP application under the Criteria for Issuance in Chapter 24A-8(b), (1), (2), and (3), (c), and (d), having found that the proposal is consistent with the *Chevy Chase Village Historic District Guidelines*, and therefore will not substantially alter the exterior features of the historic resource and is compatible in character with the district and the purposes of Chapter 24A;

and with the Secretary of the Interior's Standards for Rehabilitation #2, #5, #6, #9, and #10;

and with the general condition that the applicant shall present an electronic set of drawings, if applicable, to Historic Preservation Commission (HPC) staff for review and stamping prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP application at staff's discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make any alterations to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 or john.liebertz@montgomeryplanning.org to schedule a follow-up site visit.

CHEVY CHASE CLUB: CLUBHOUSE RENOVATION

6100 CONNECTICUT AVE. CHEVY CHASE, MD 20815

ISSUED FOR PERMIT

HPC REVISIONS

MAY 3, 2023

EXTERIOR WORK ONLY



CHEVY CHASE CLUB PROJECT LOCATION, SEE SITE PLAN W Kirke St



Elementary School

OWNER

CHEVY CHASE CLUB 6100 CONNECTICUT AVE. CHEVY CHASE, MD 20815

ARCHITECT

DLR GROUP/BOWIE GRIDLEY 701 8TH STREET NW, SUITE 700 WASHINGTON, DC 20001 202. 337.0888

OWNER REP

JFW, INC. 18310 MONTGOMERY VILLAGE AVE. SUITE 240 MONTGOMERY VILLAGE, MD 20879 301.330.3220

STRUCTURAL ENGINEER

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POTOMAC FALLS, VA 20166

SUITE 309

MEP / FP

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HISTORIC PRESERVATION

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EHT TRACERIES

WASHINGTON DC

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FOOD SERVICE CONSULTANT

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LANDSCAPE

MICHAEL VERGASON LANDSCAPE ARCHITECTS, LTD 907 KING STREET, SUITE 200 ALEXANDRIA, VA 22314

ARBORIST

TREESPLEASE P.O. BOX 1025 HAYMARKET, VA 20169 703.927.2048

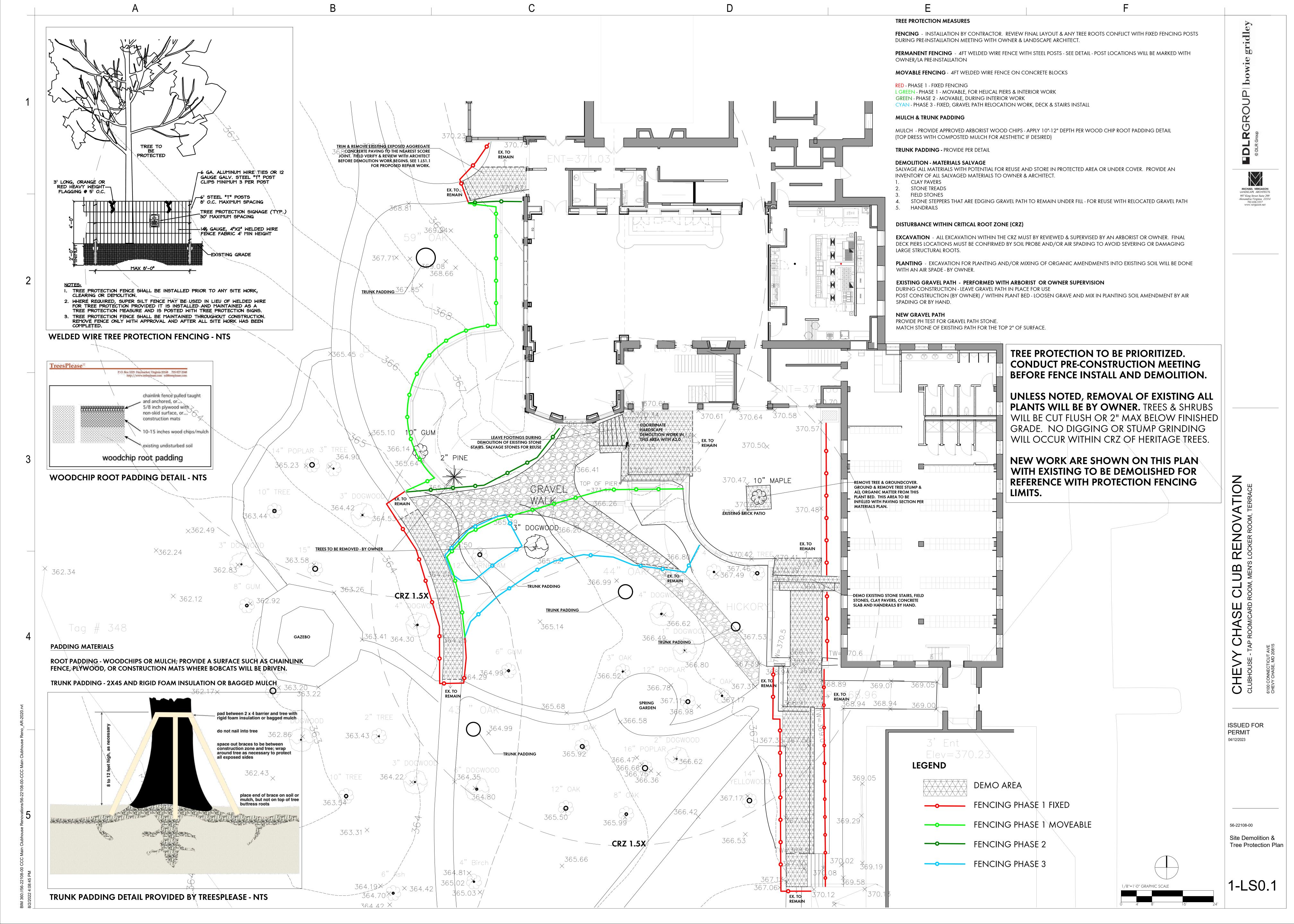
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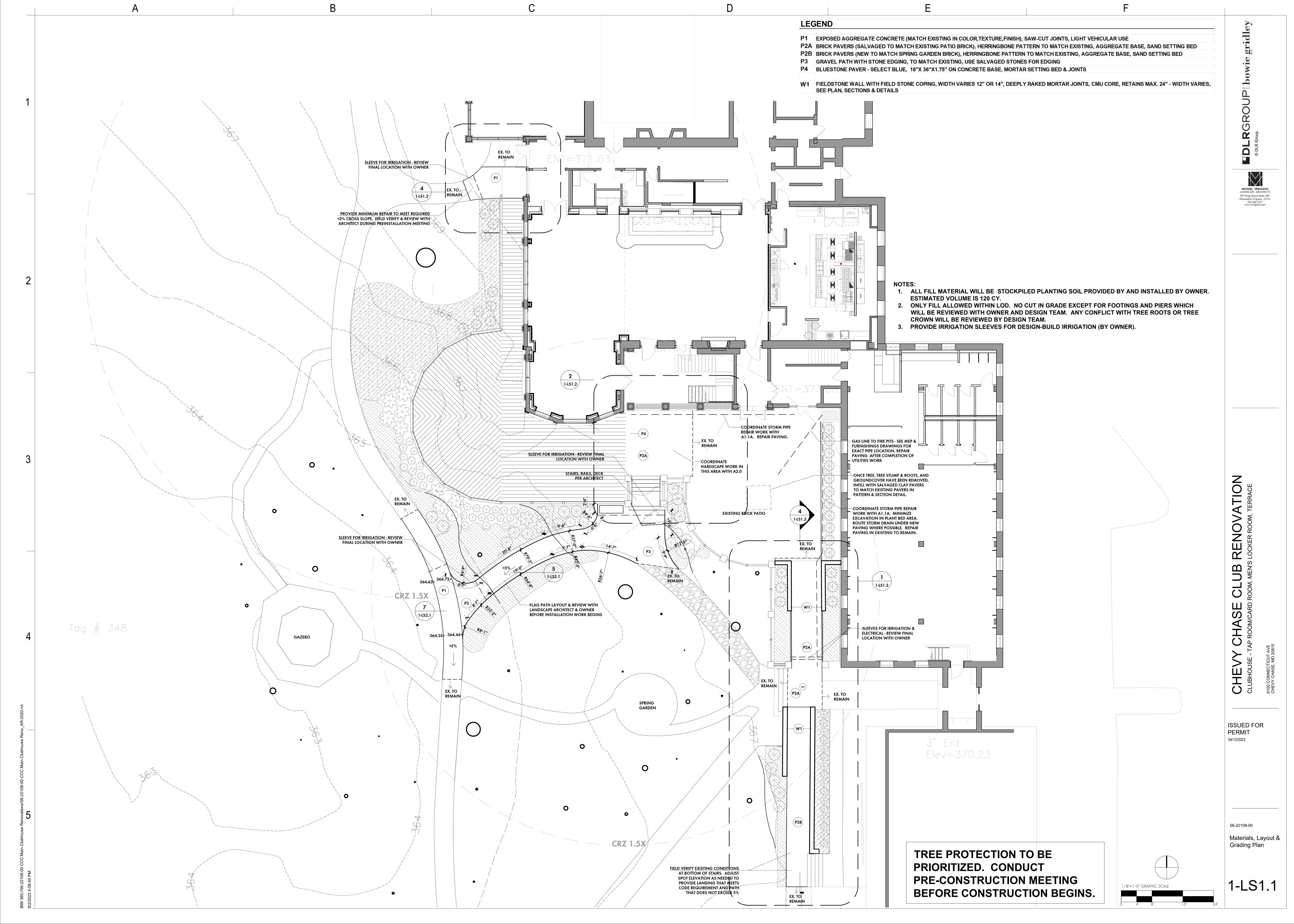
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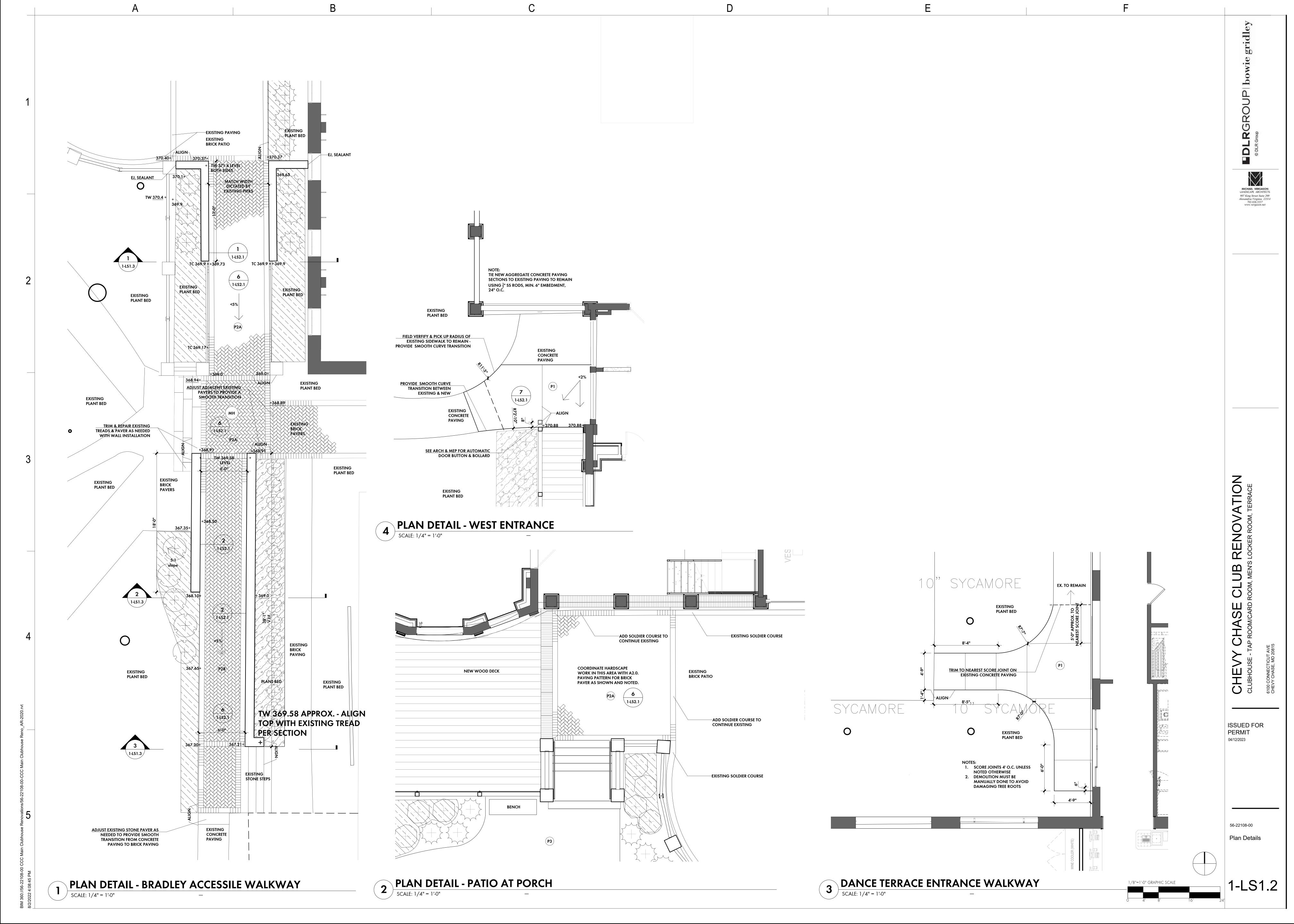
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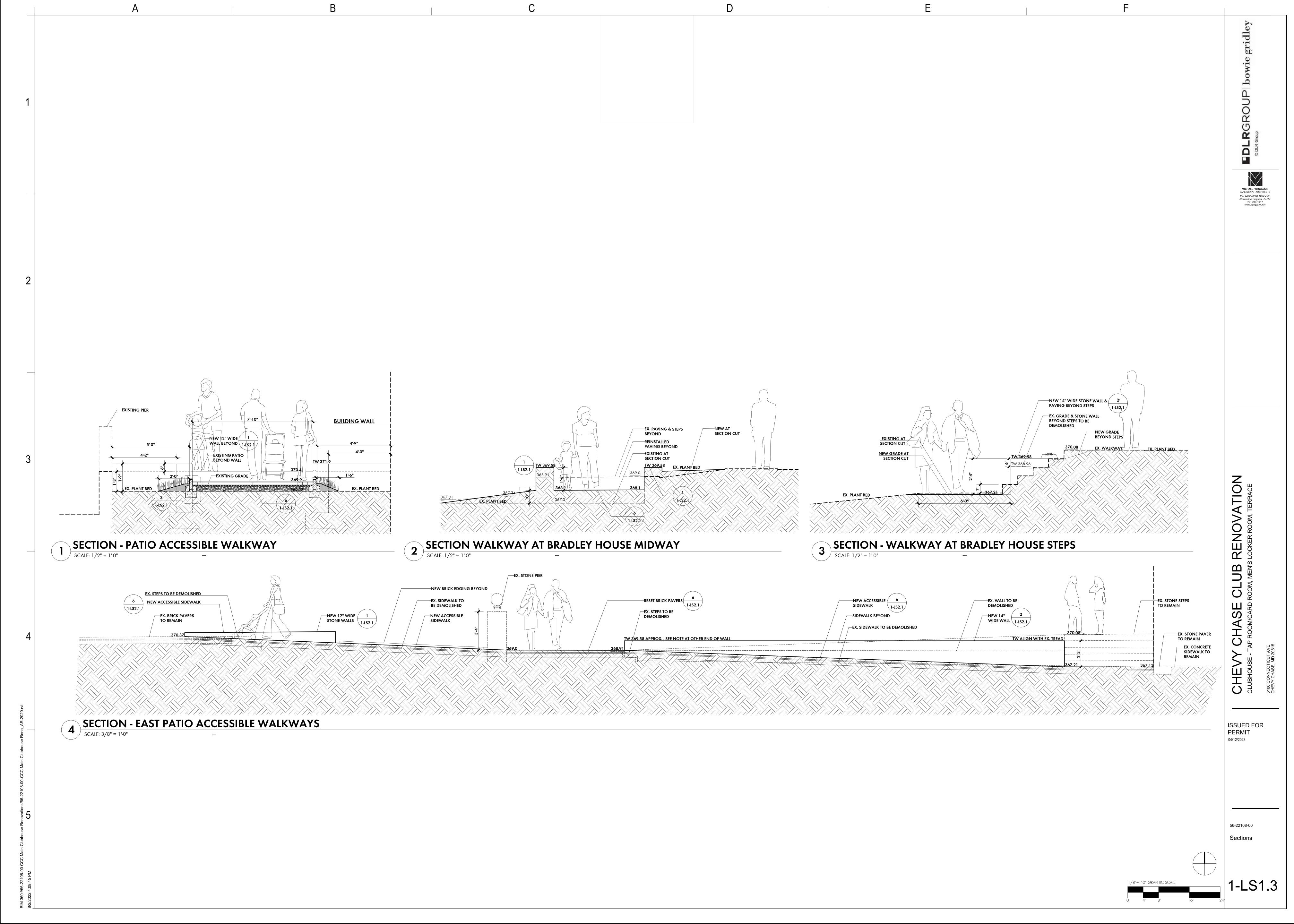
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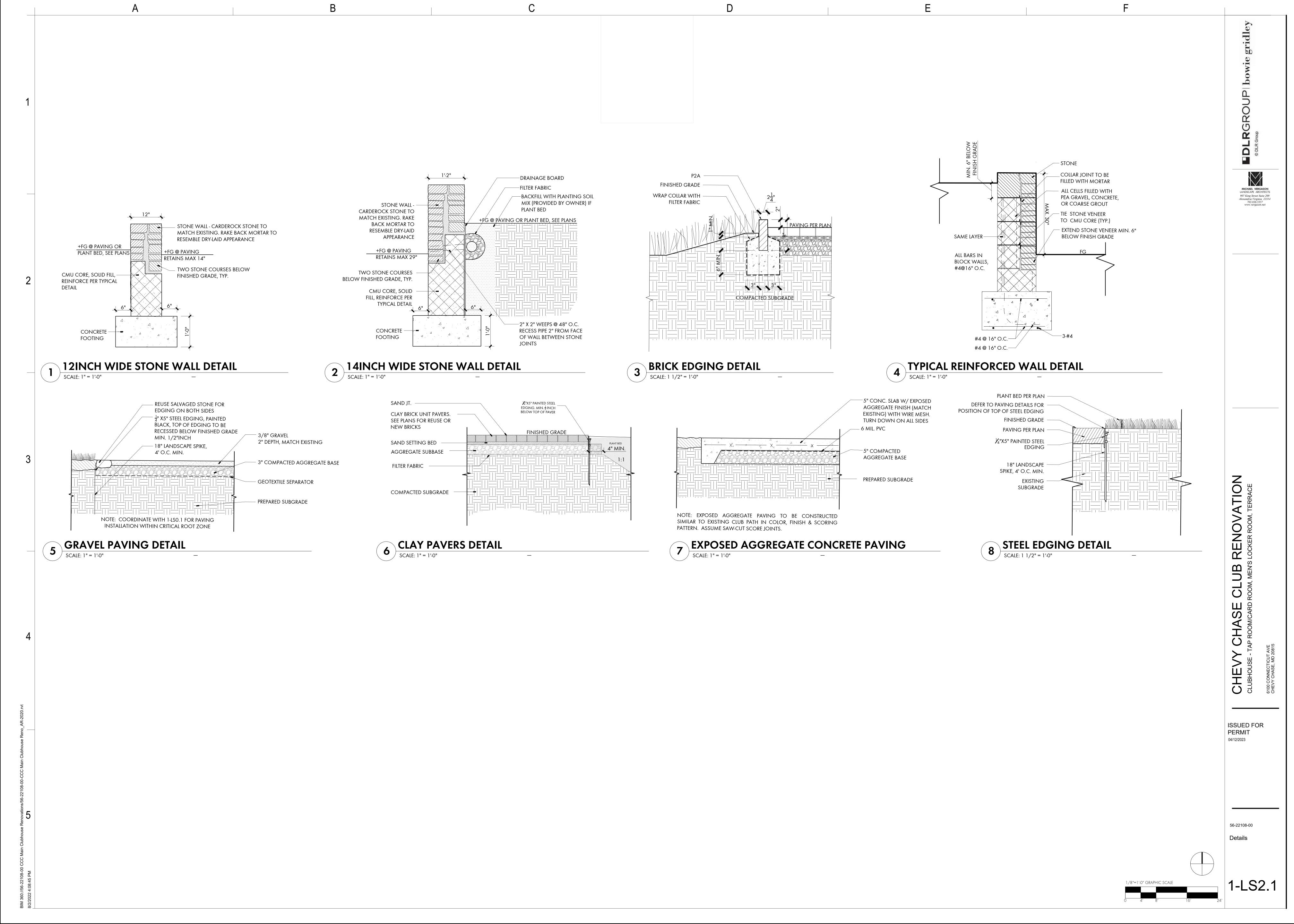
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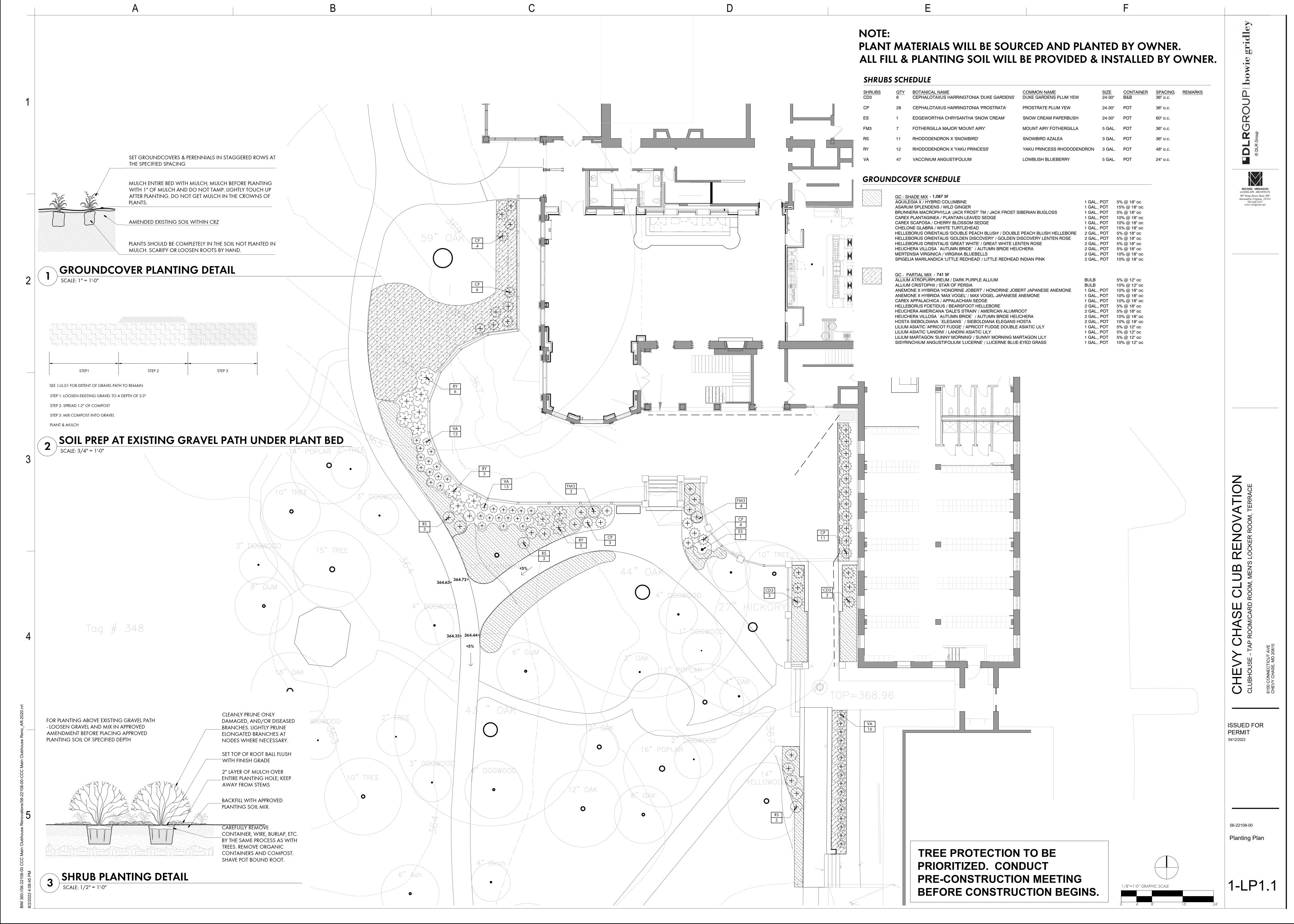


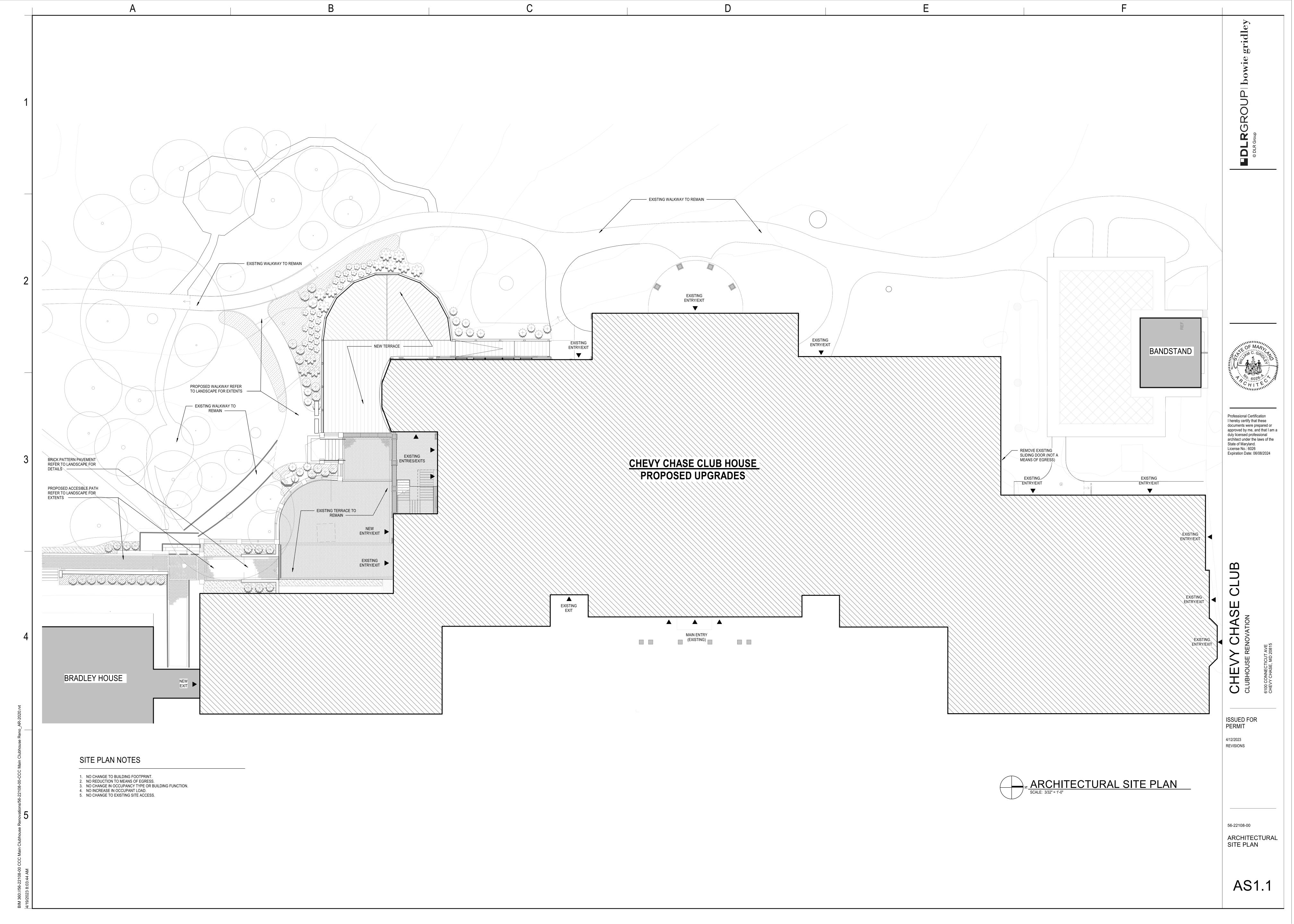


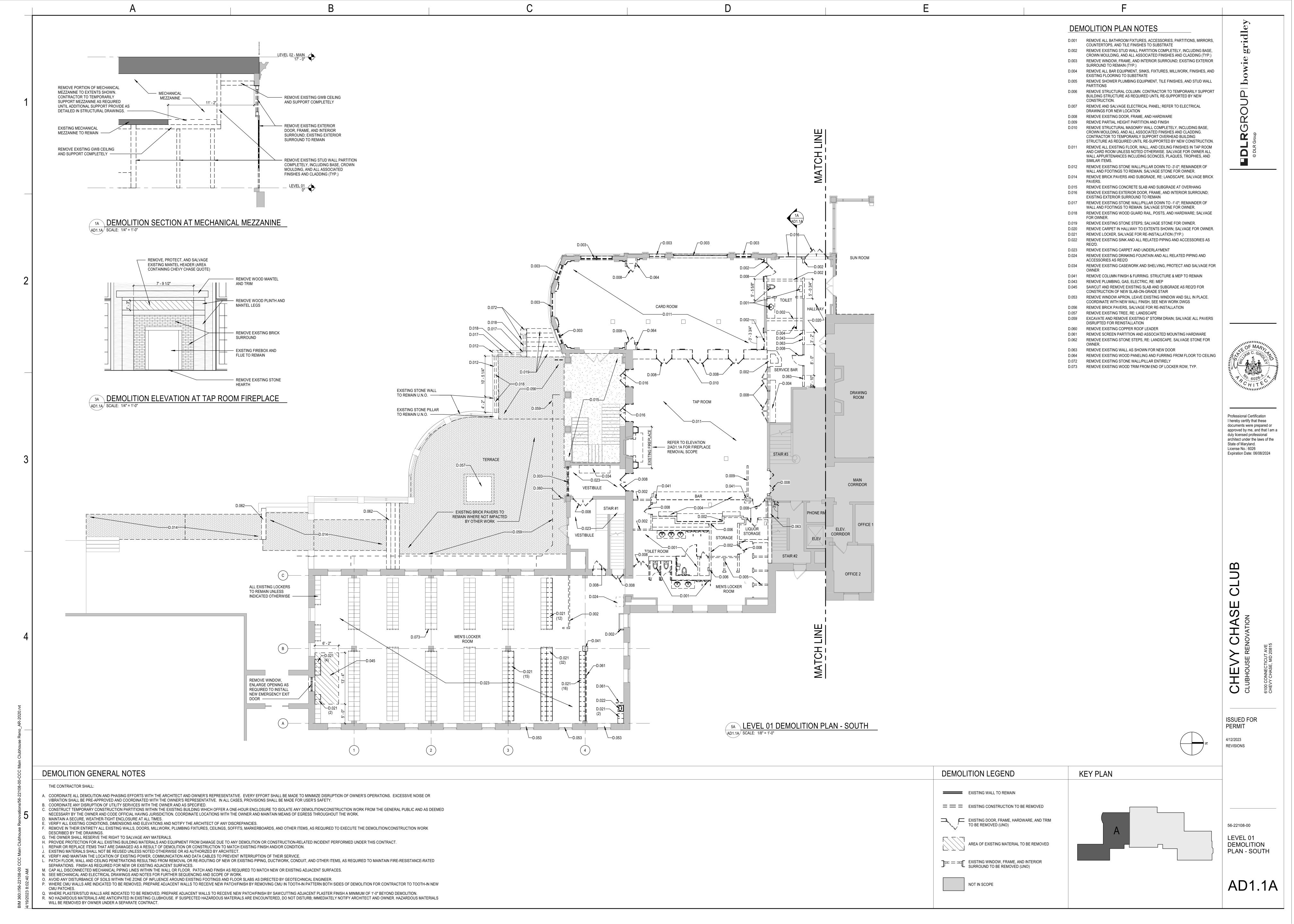


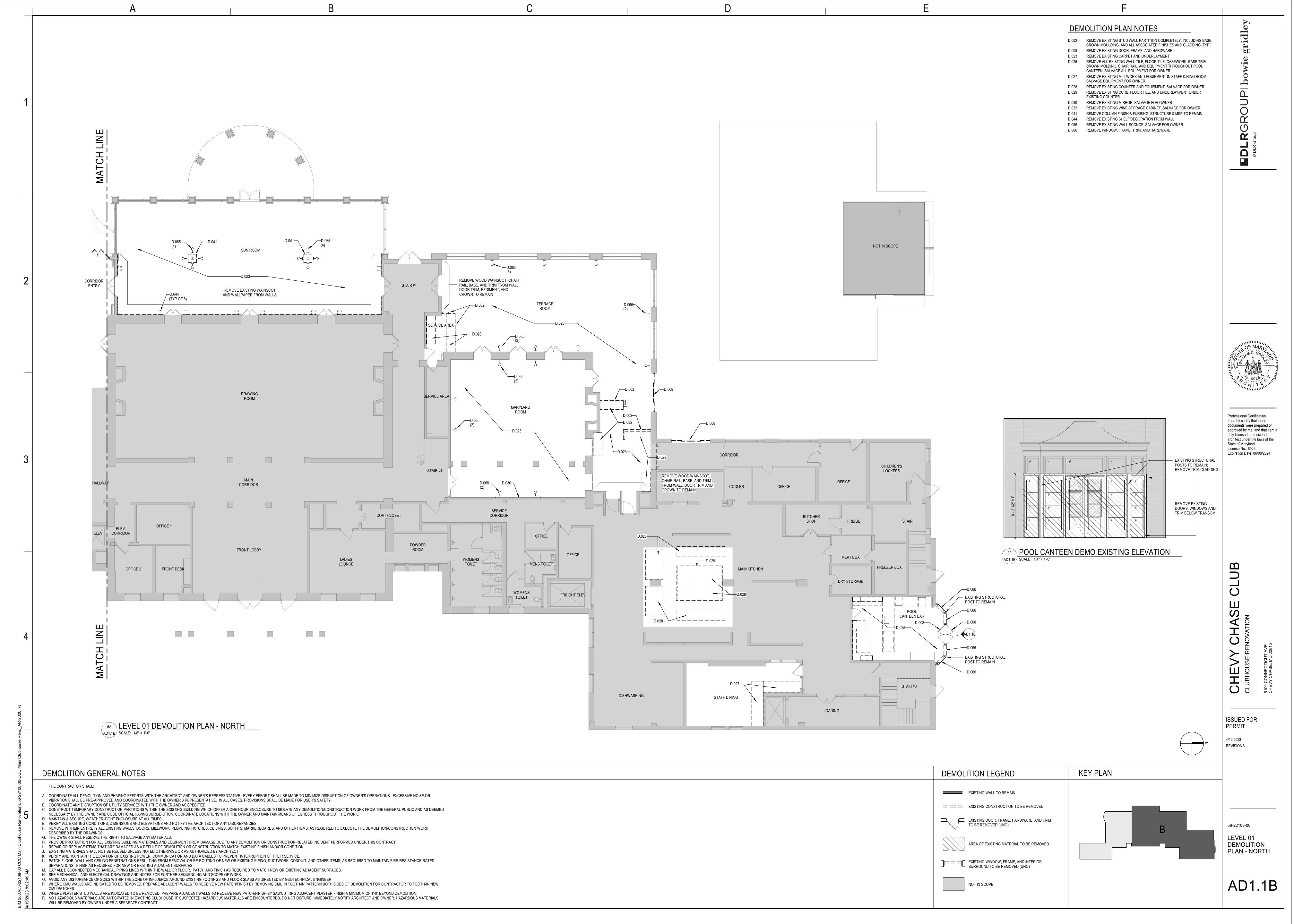


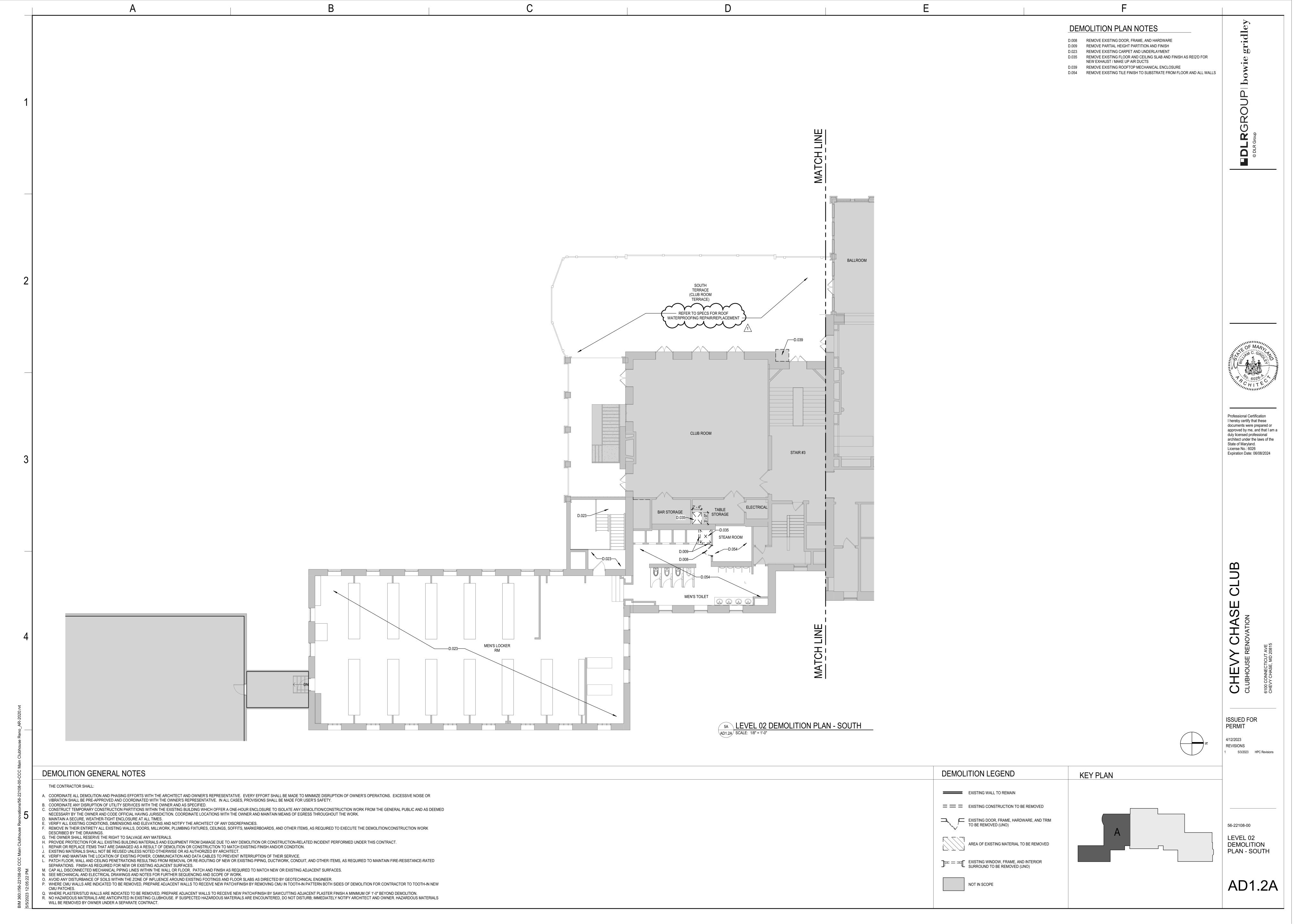


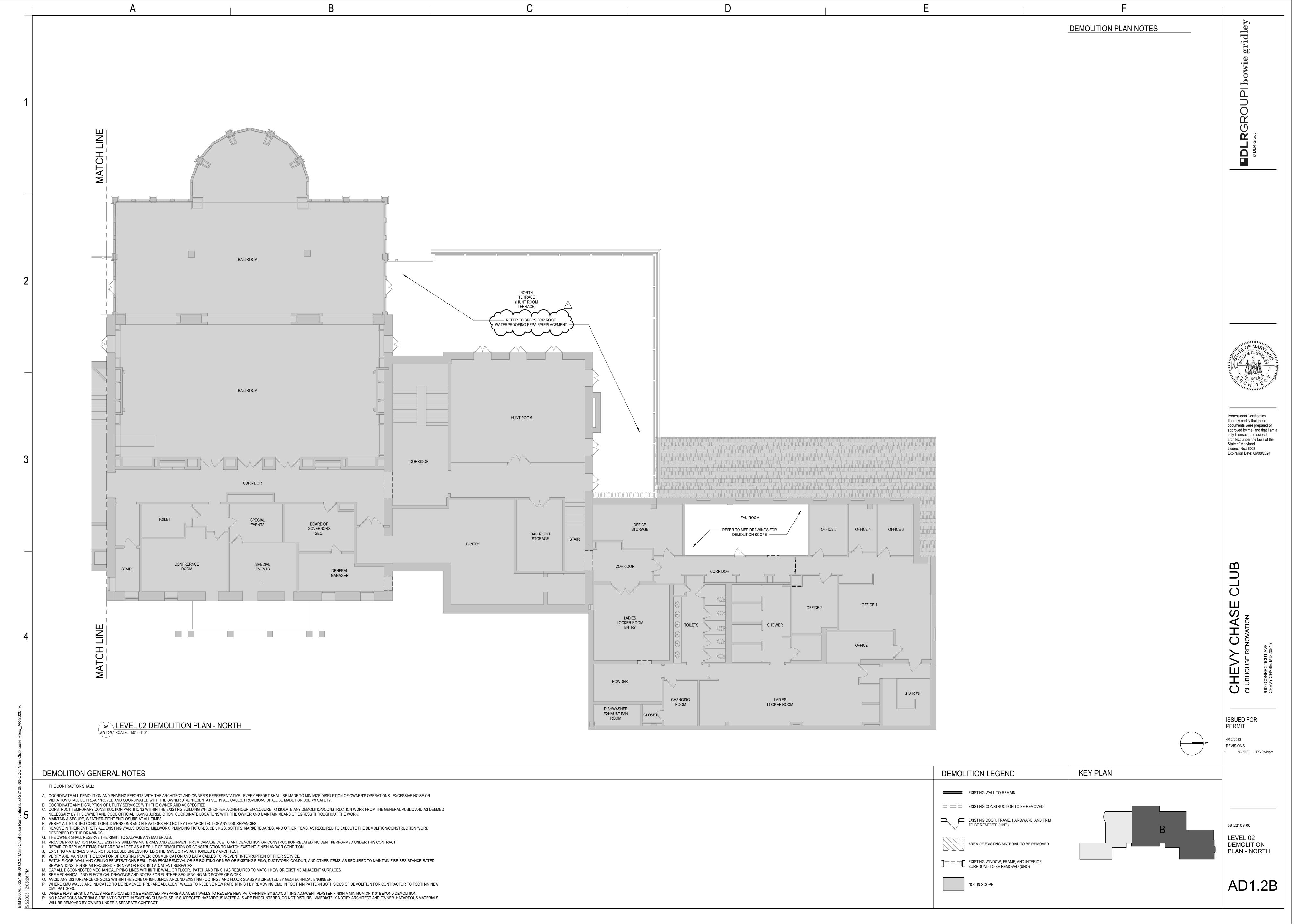


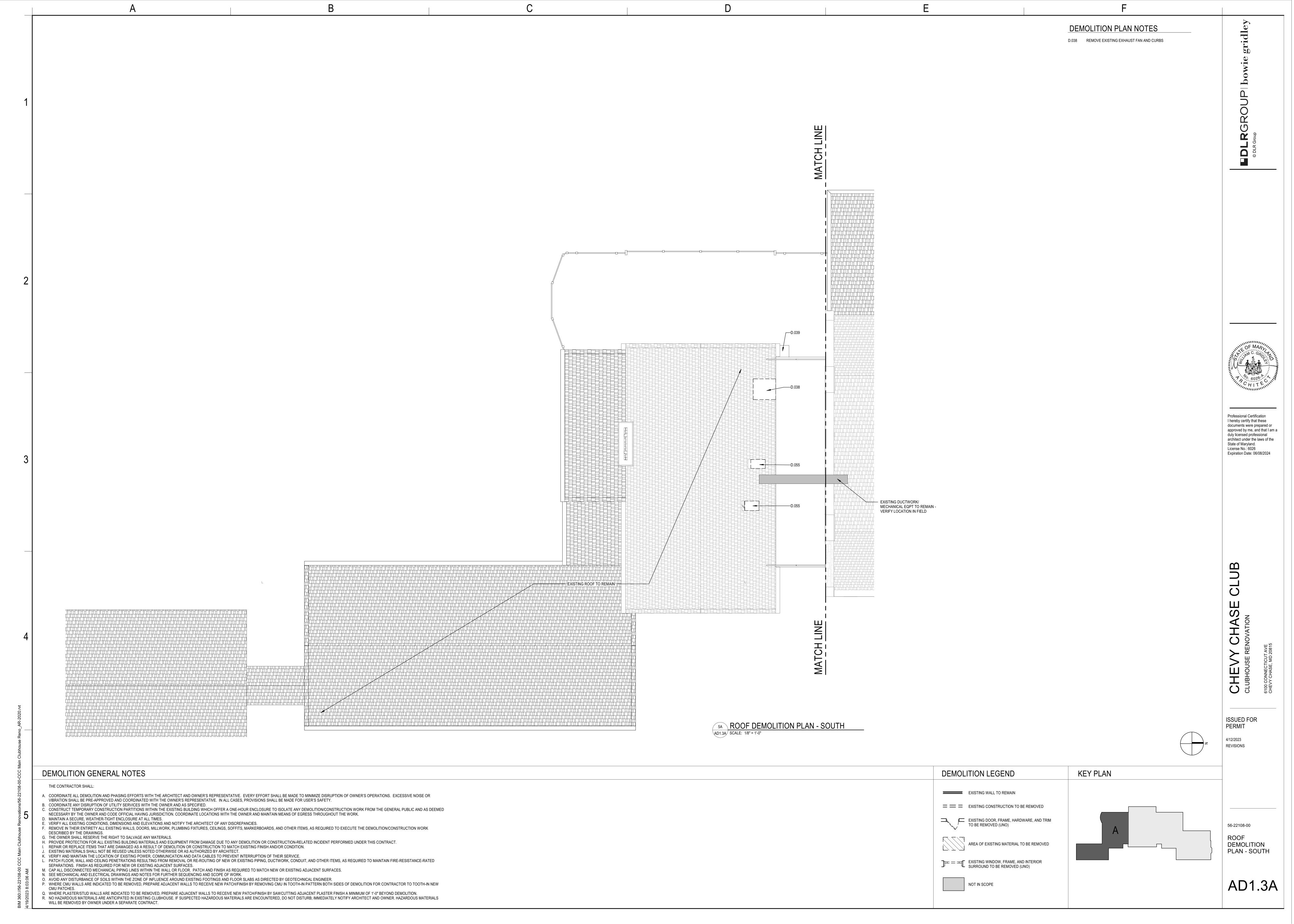


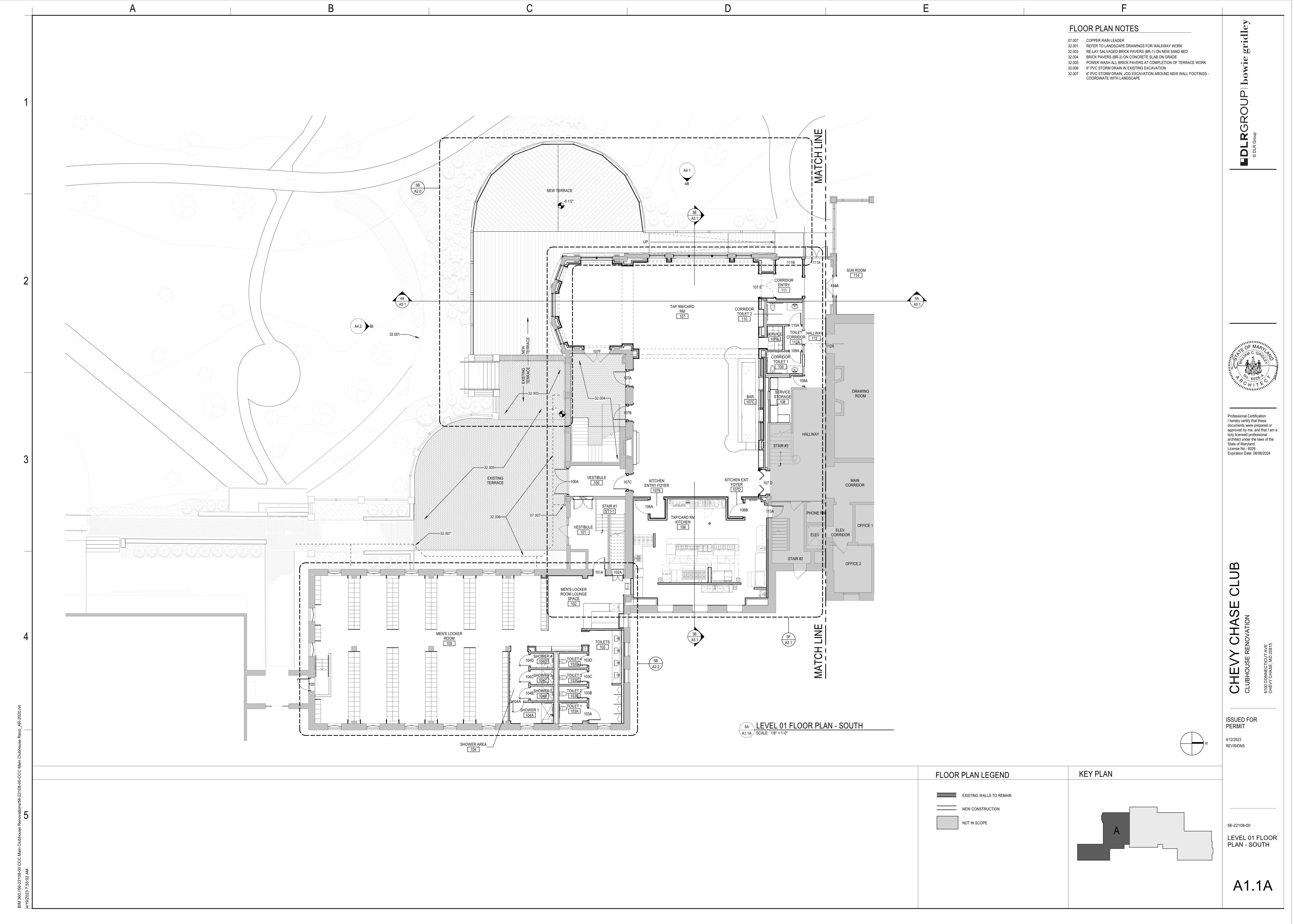


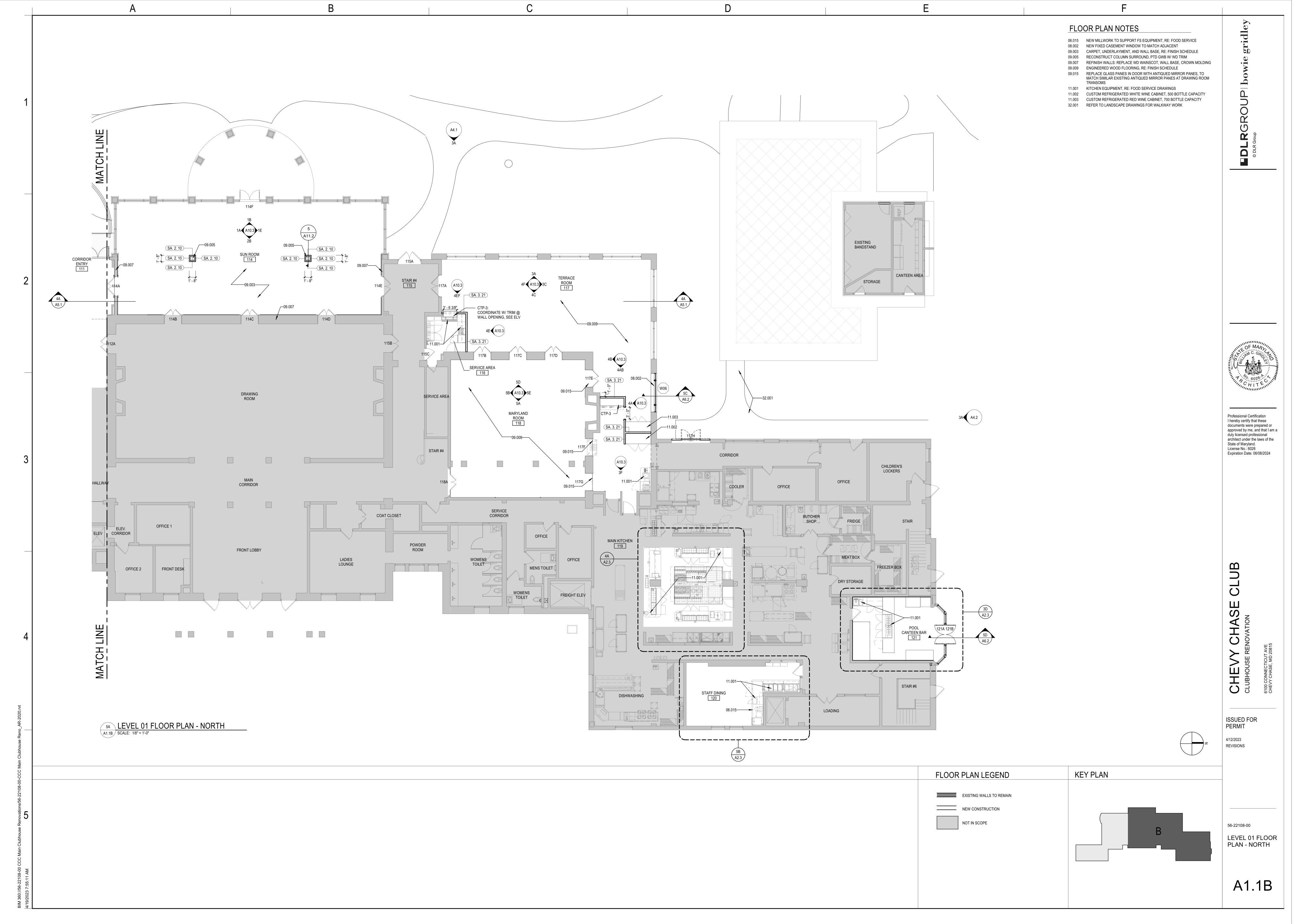


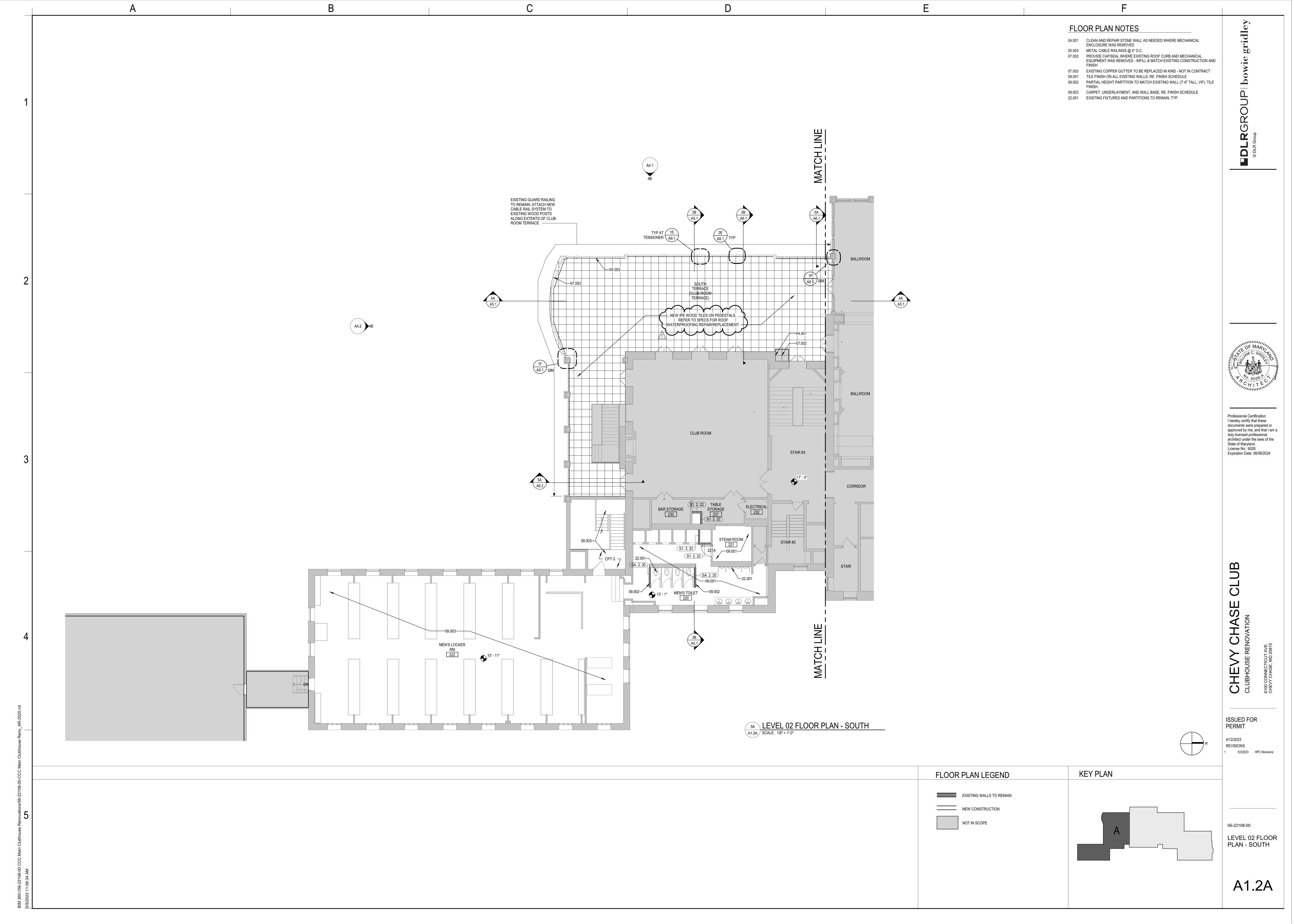


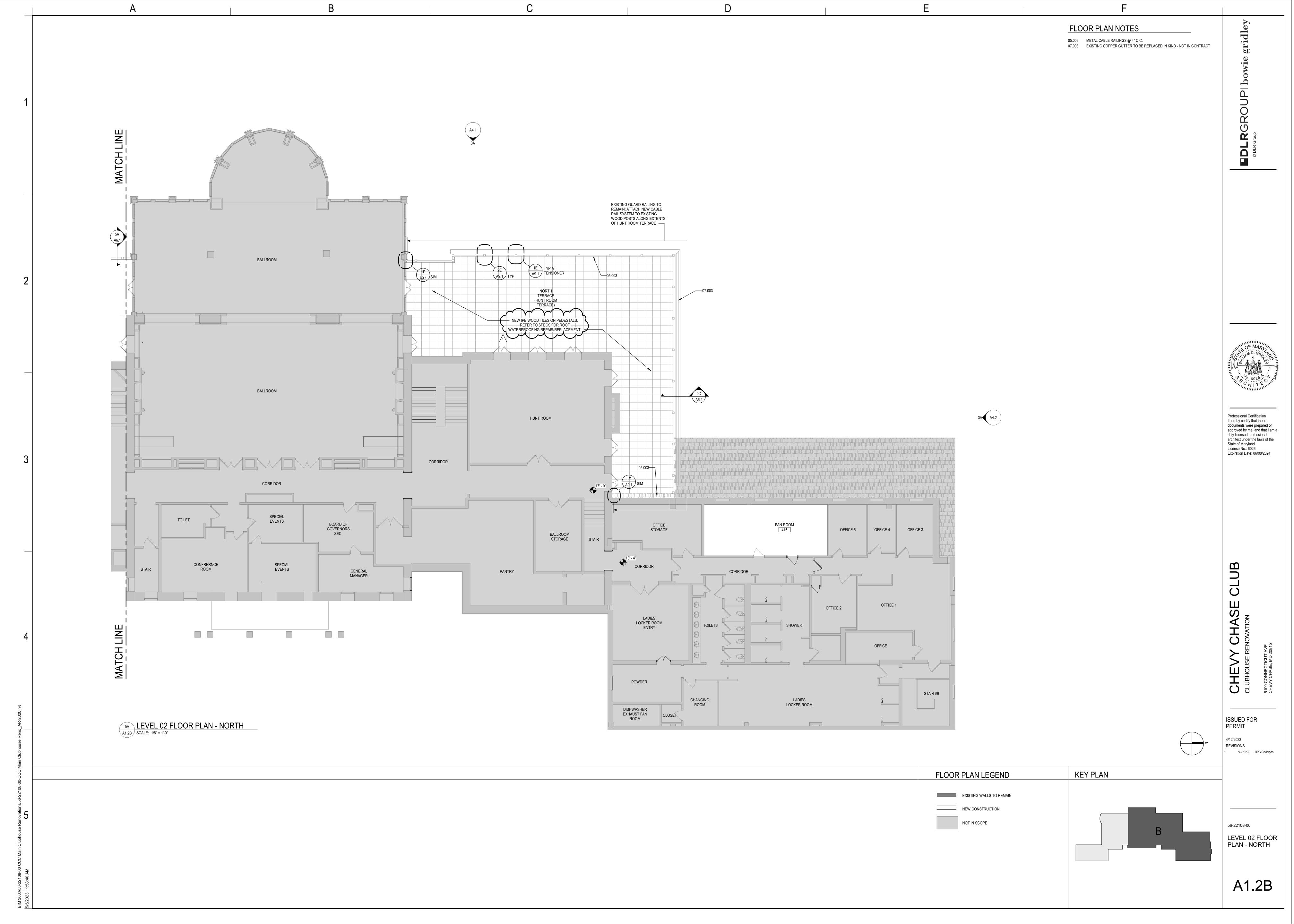


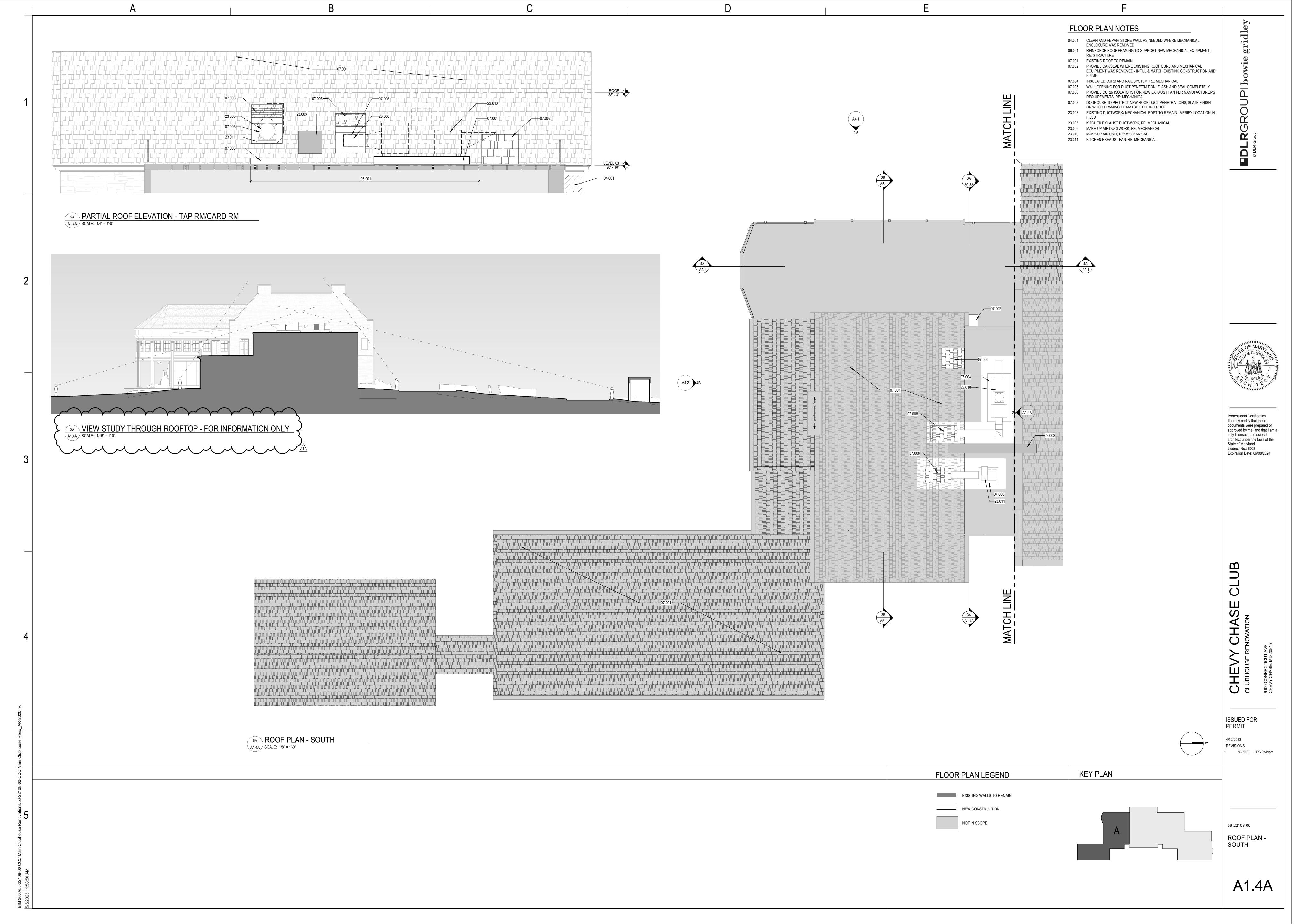


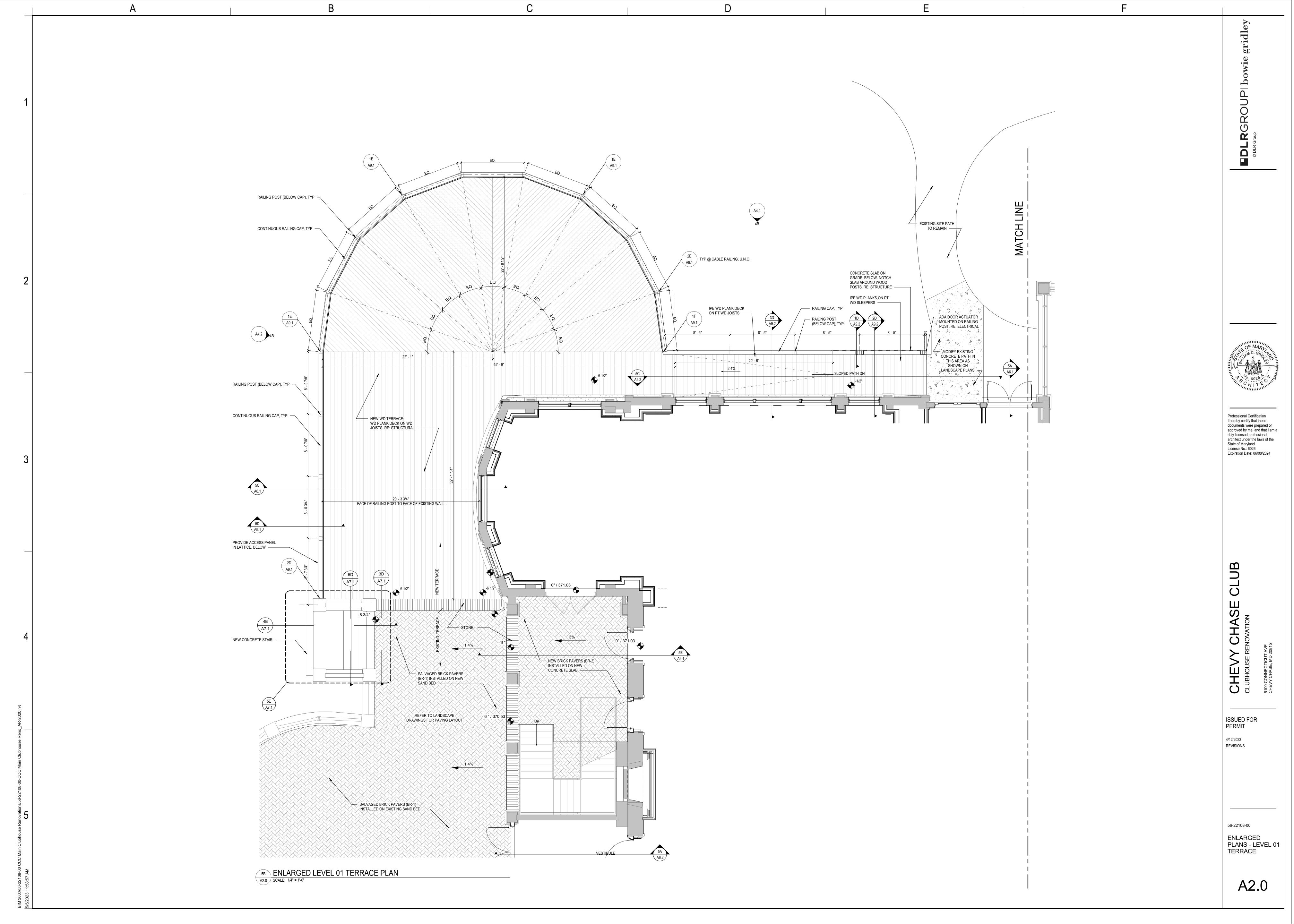


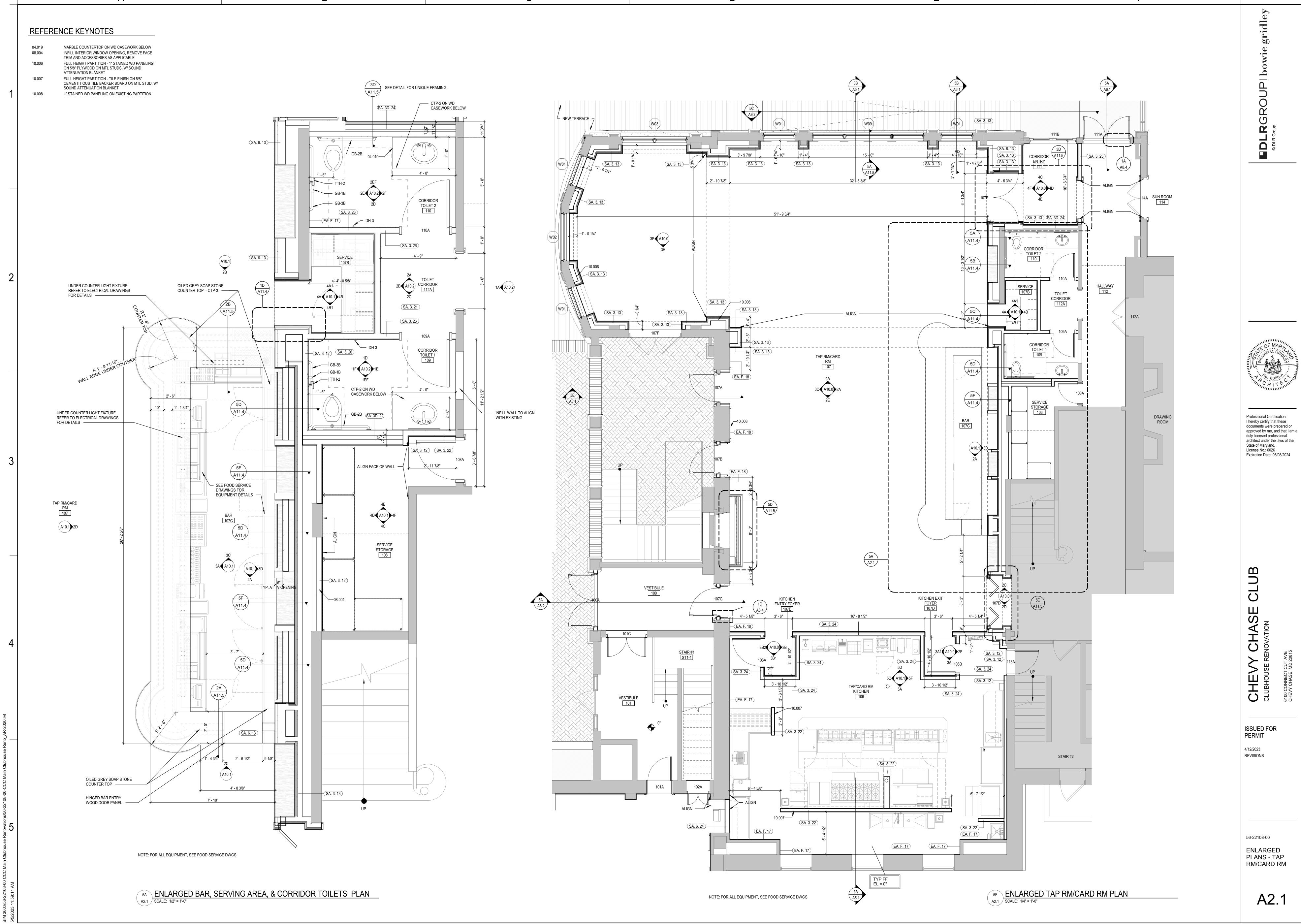




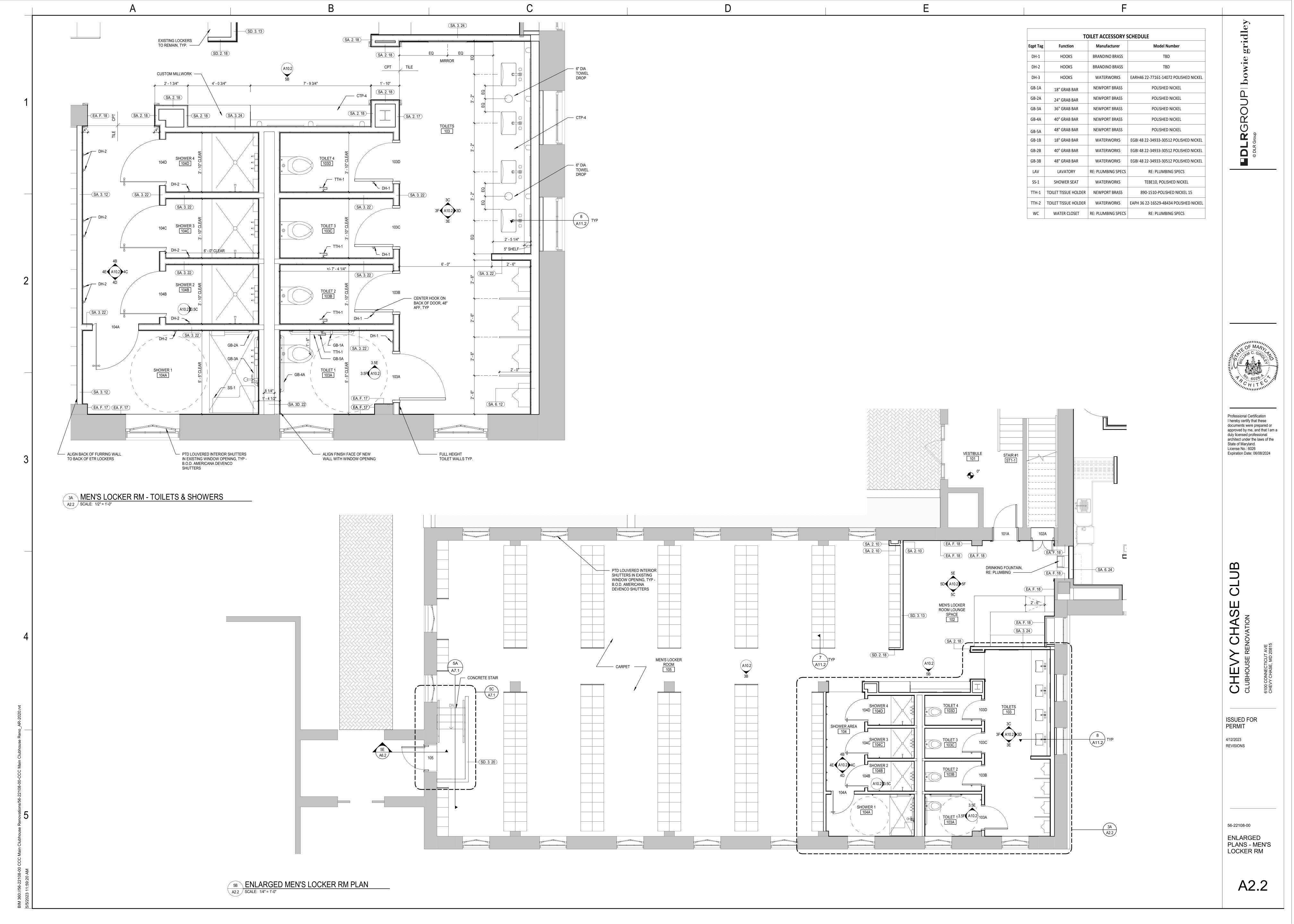


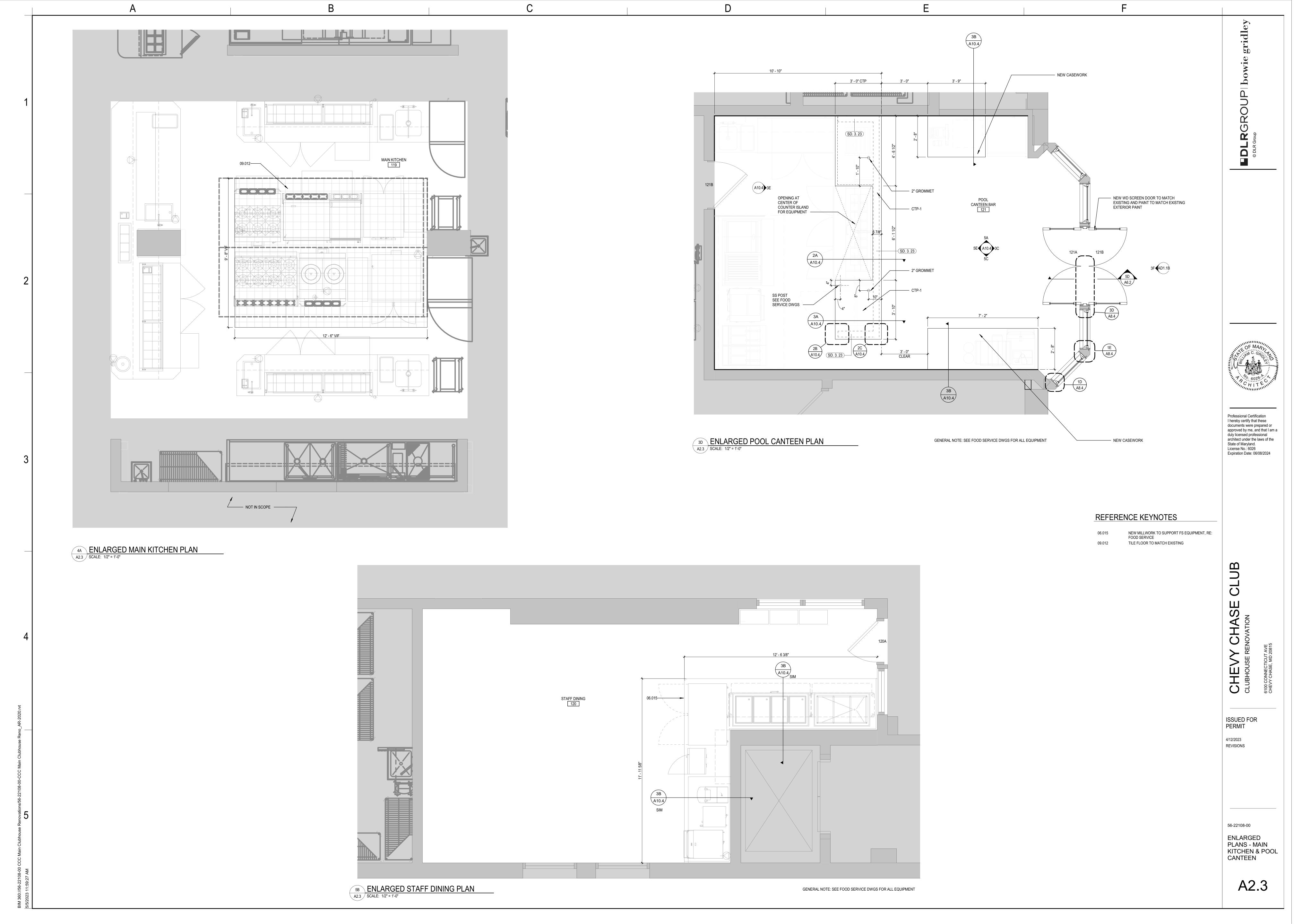


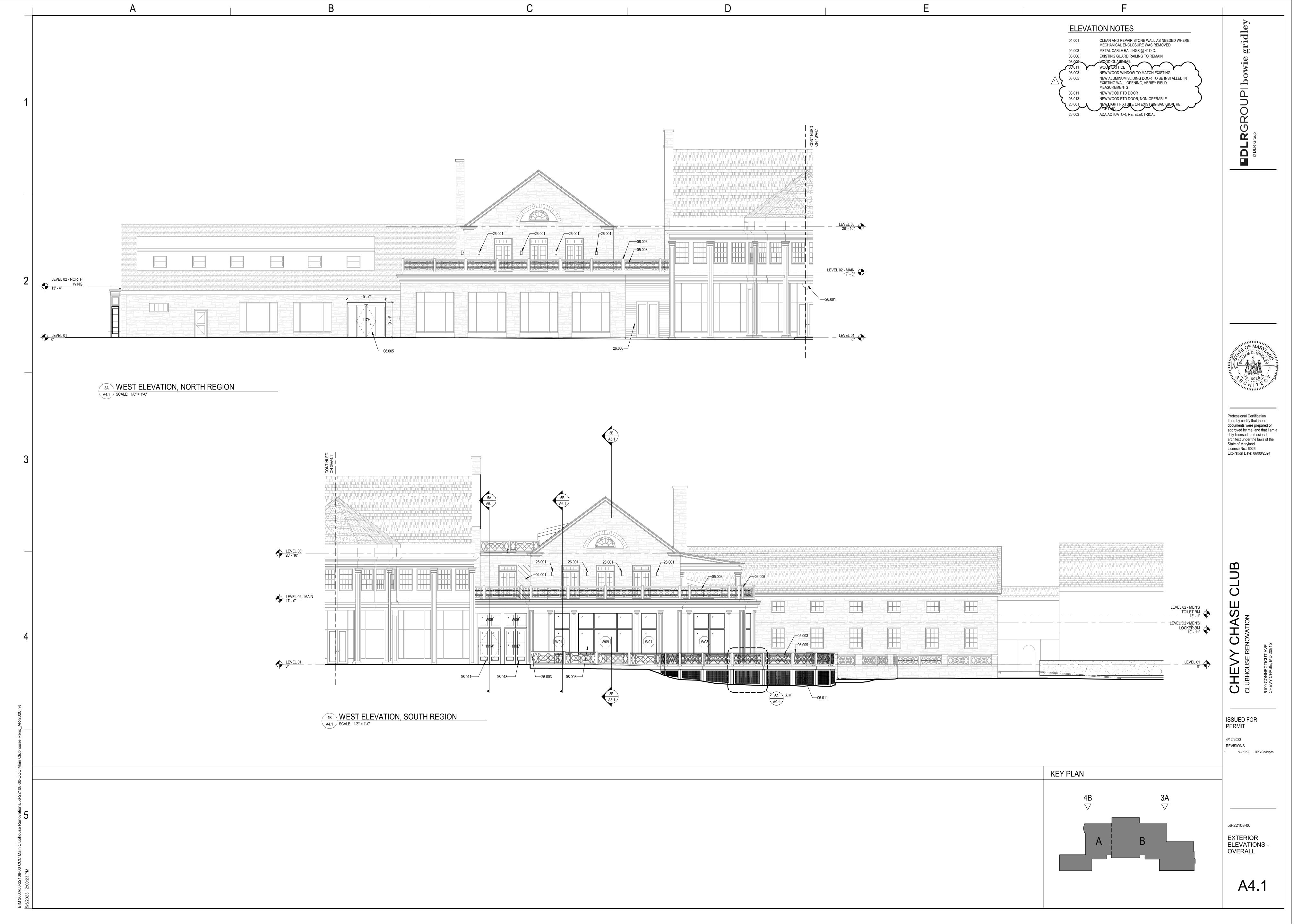


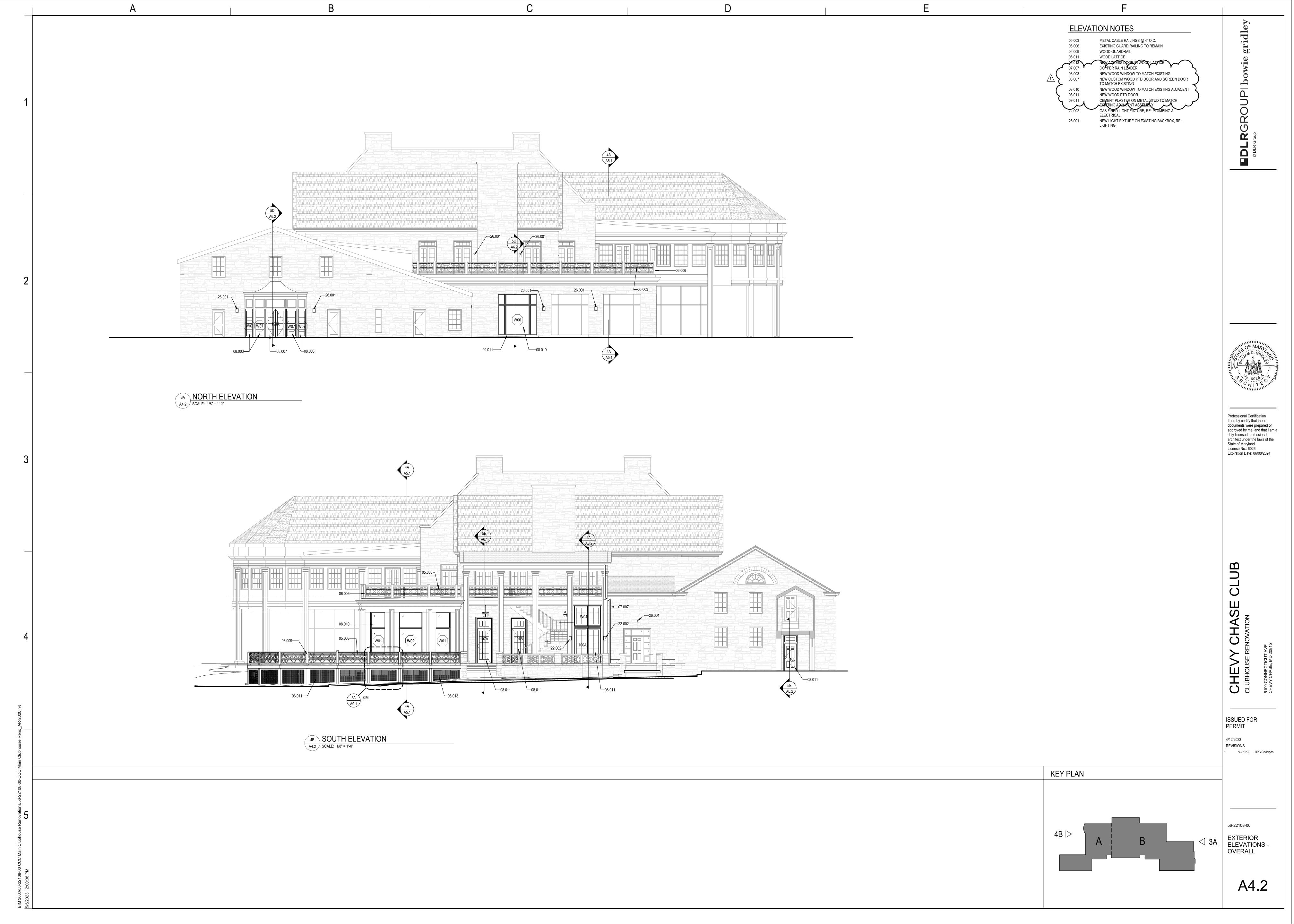


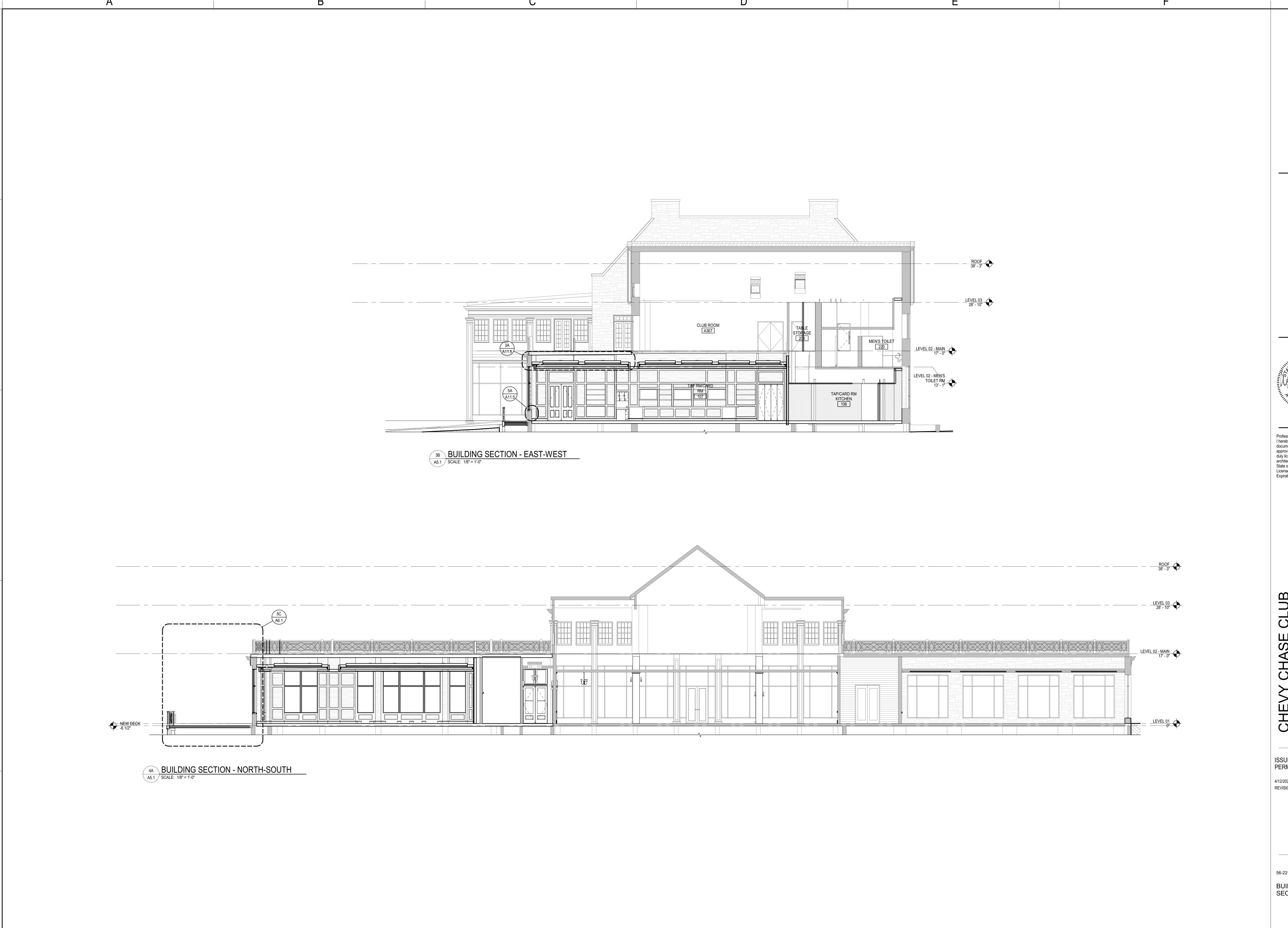












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Professional Certification
I hereby certify that these
documents were prepared or
approved by me, and that I am a
duly licensed professional
architect under the laws of the
State of Maryland.
License No.: 6026
Expiration Date: 06/08/2024

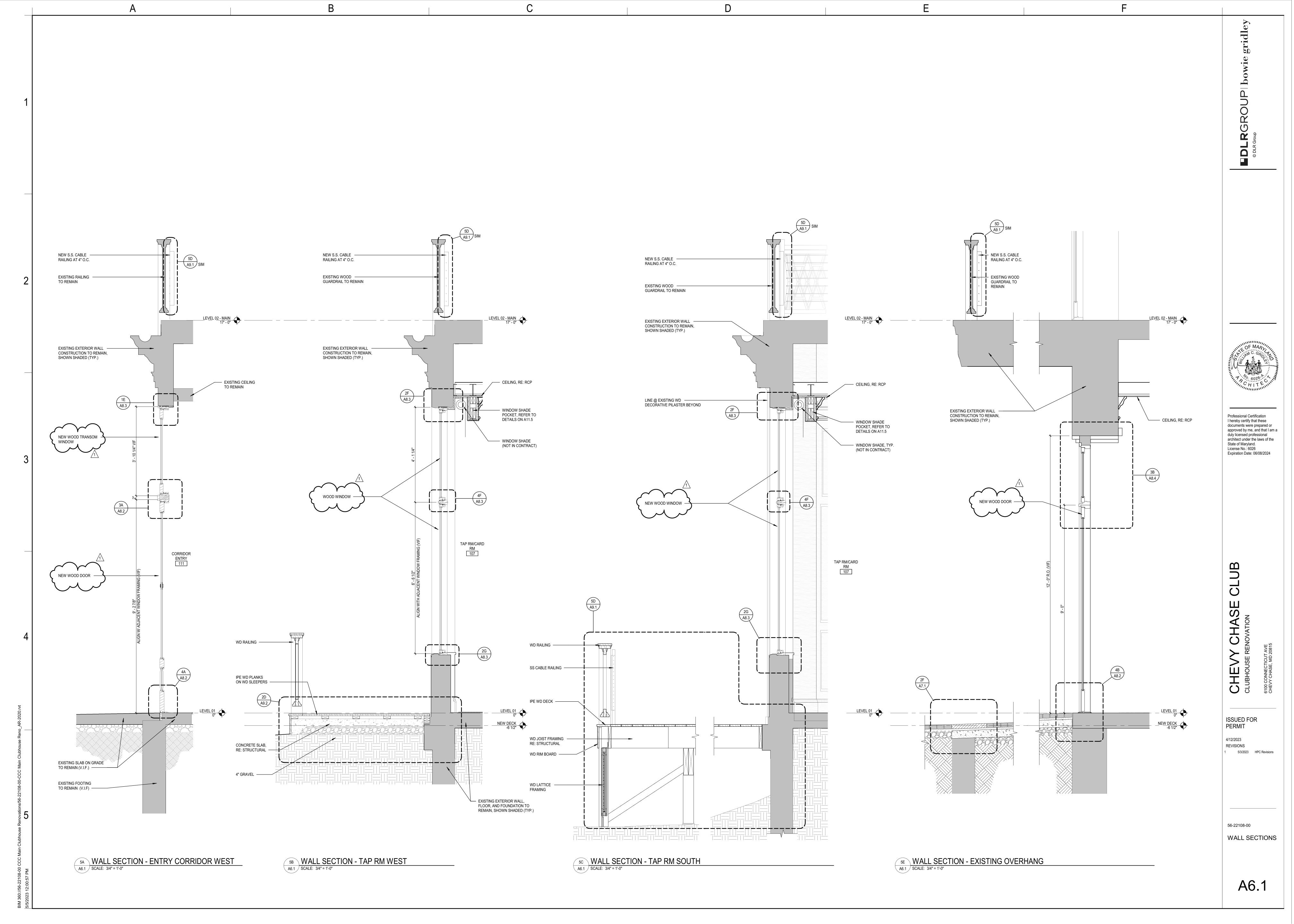
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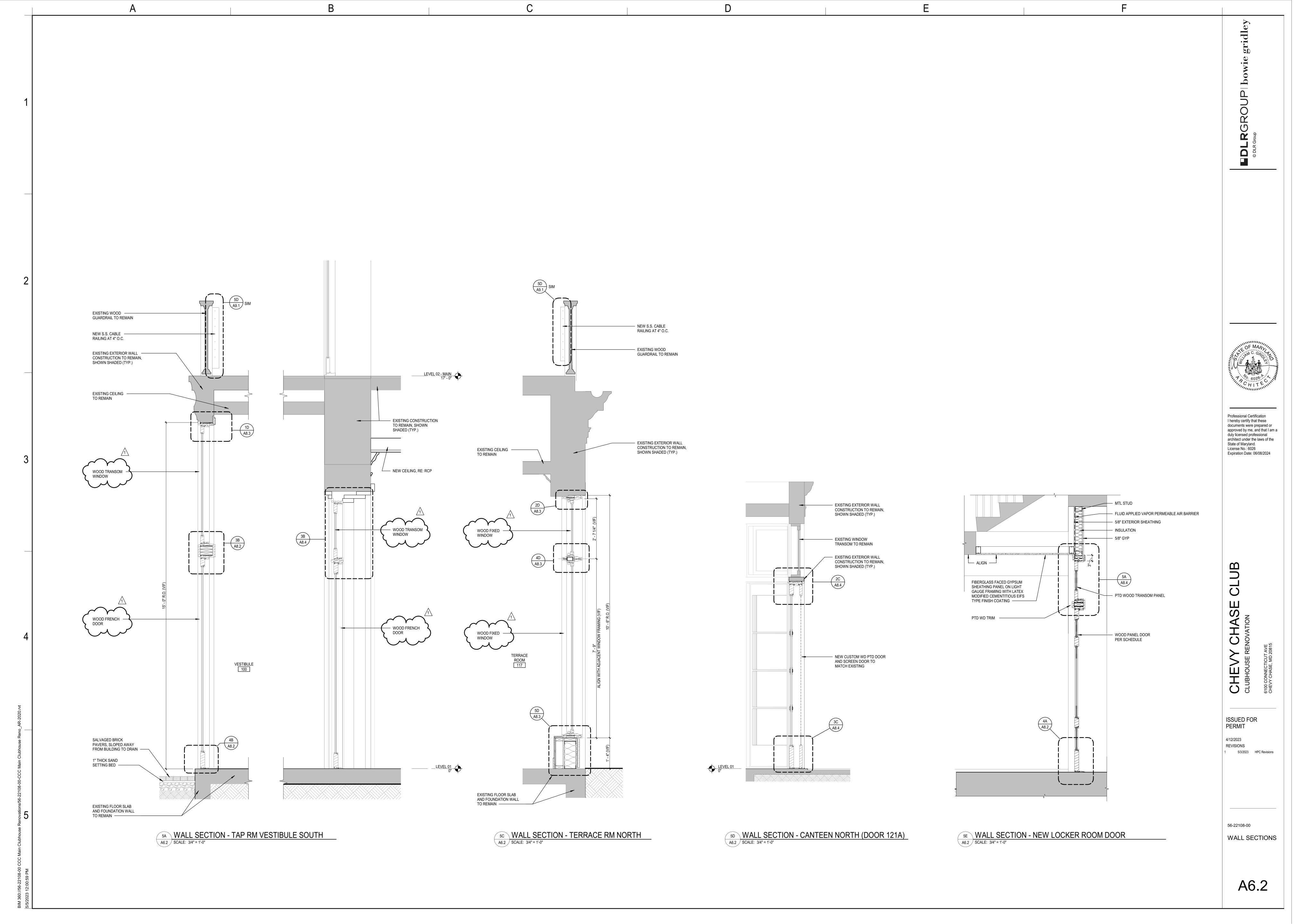
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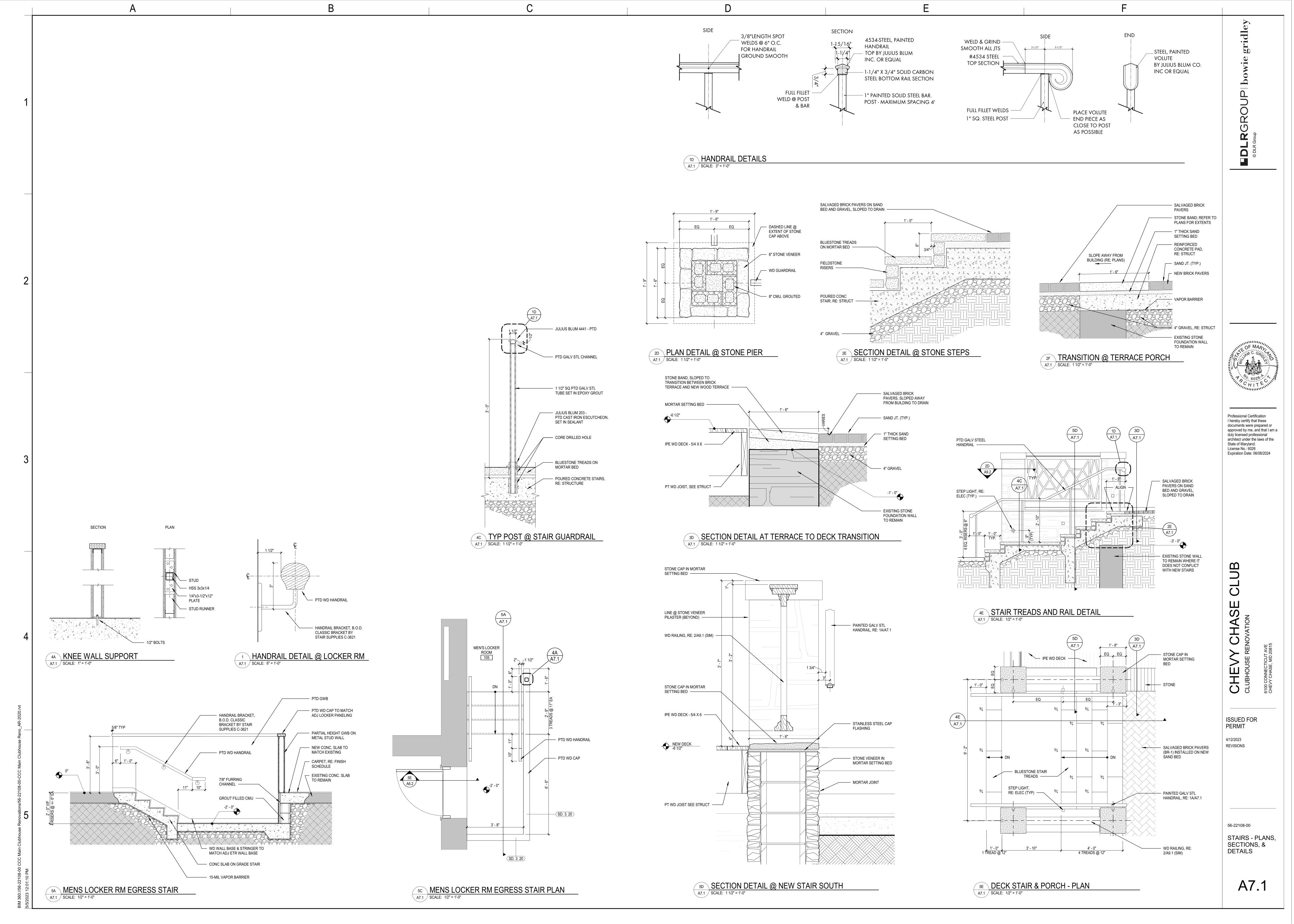
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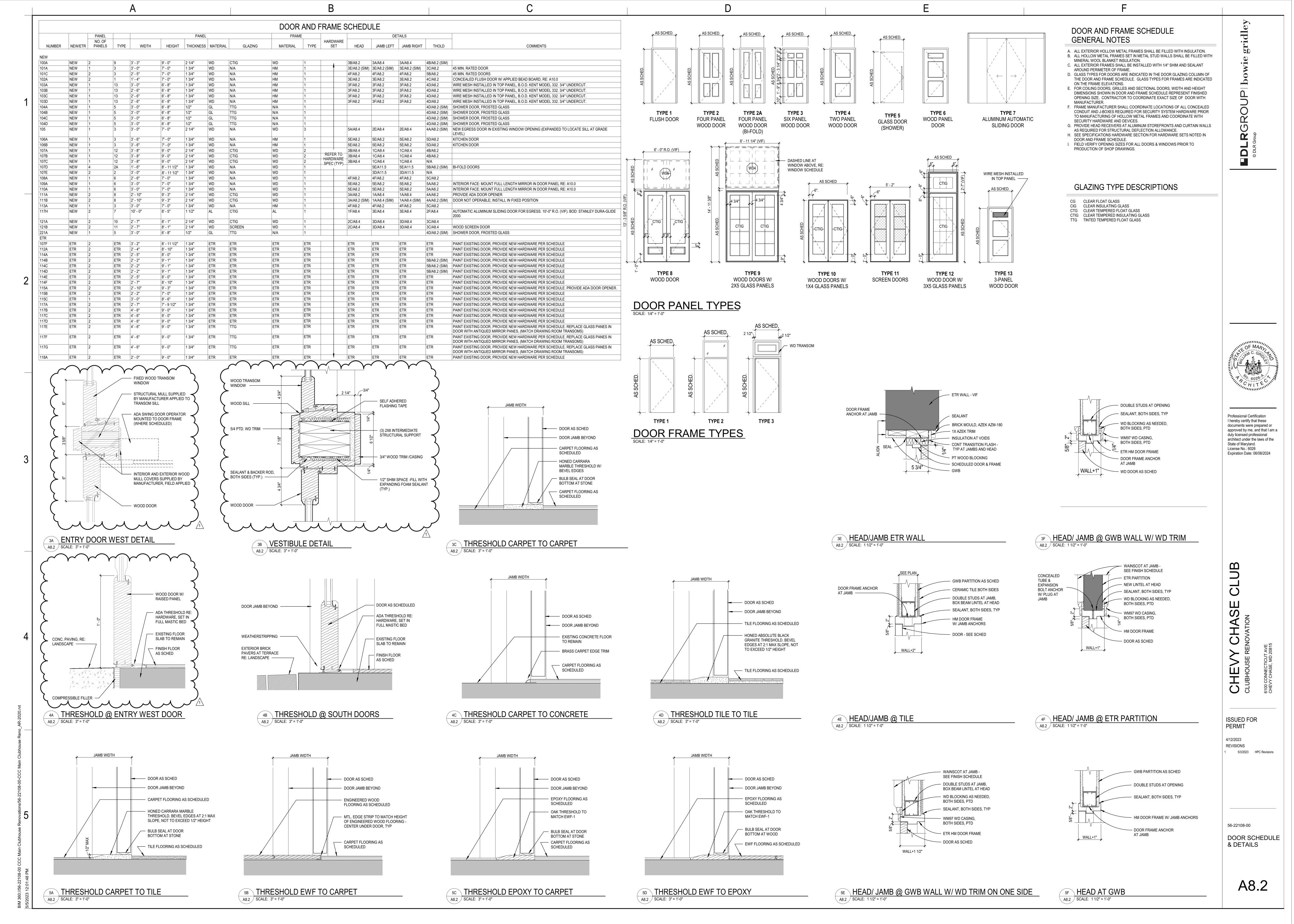
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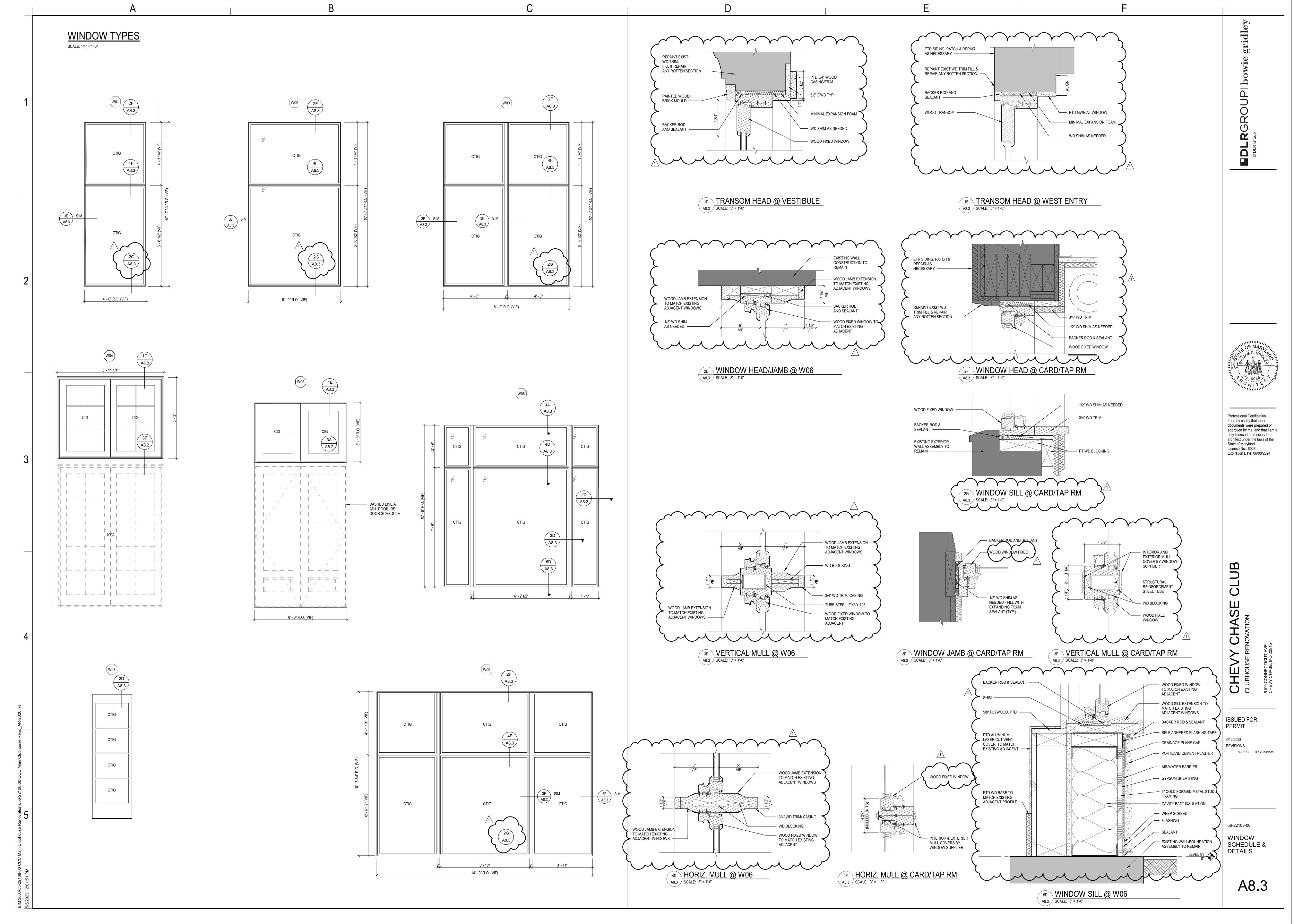
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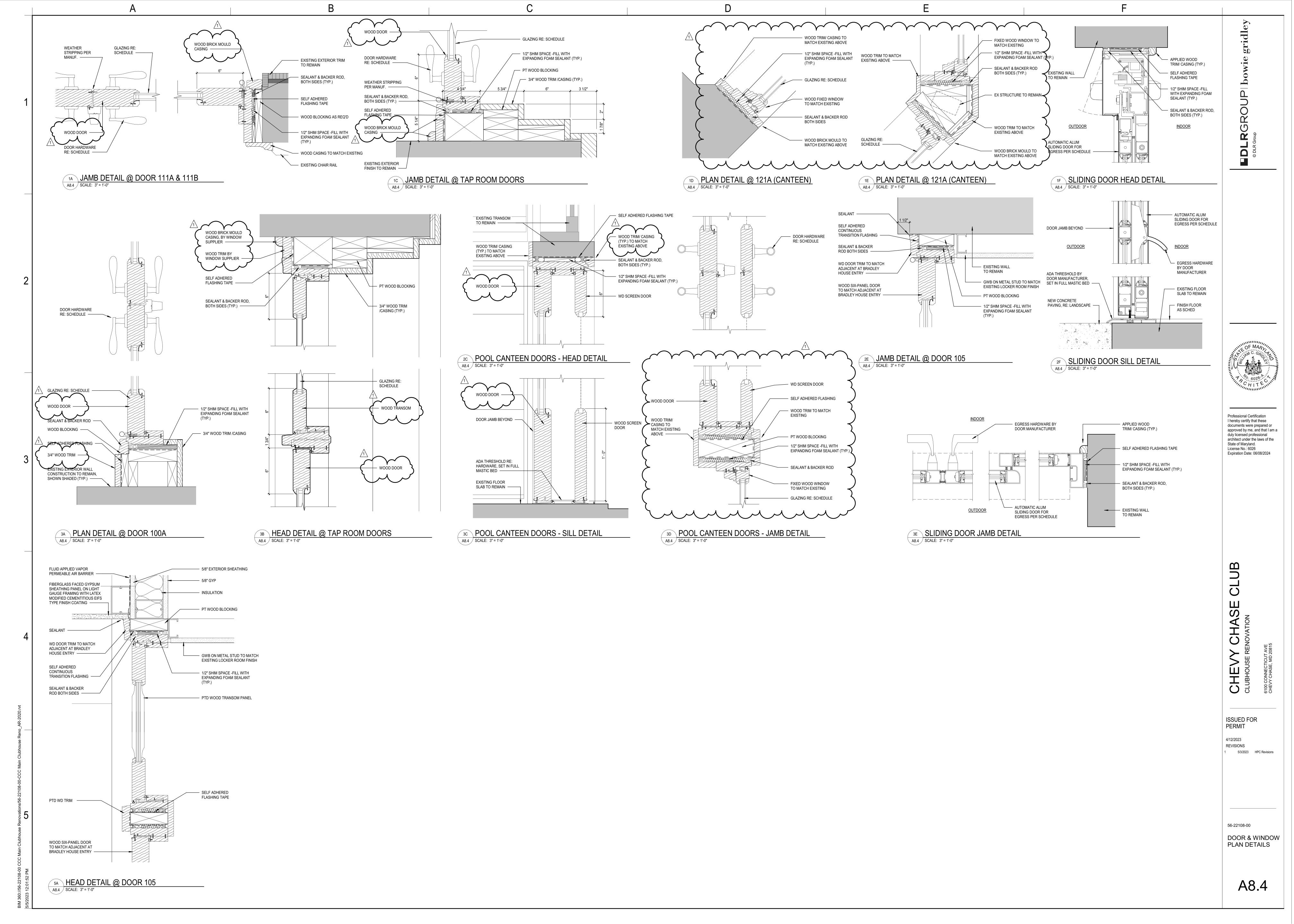


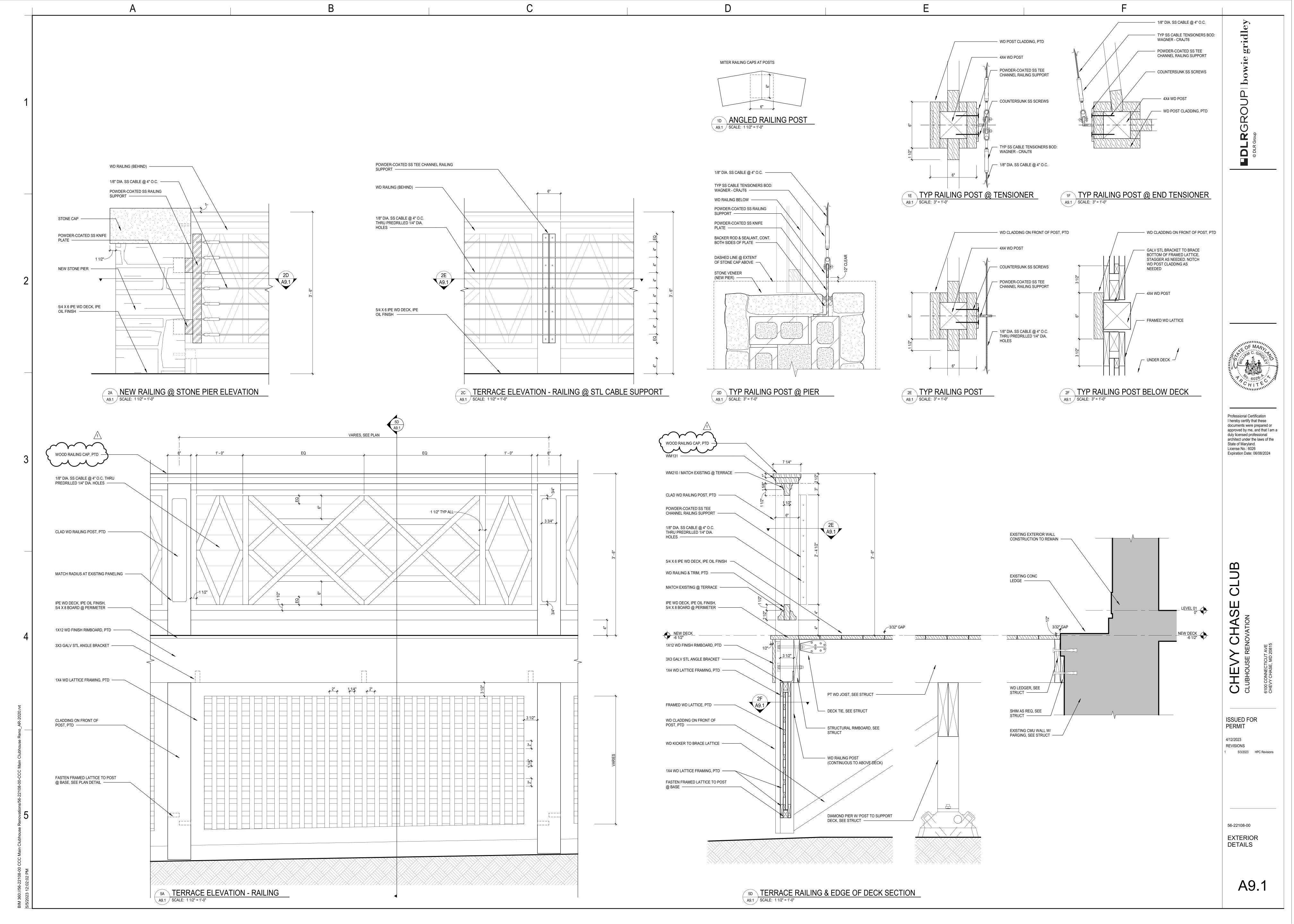


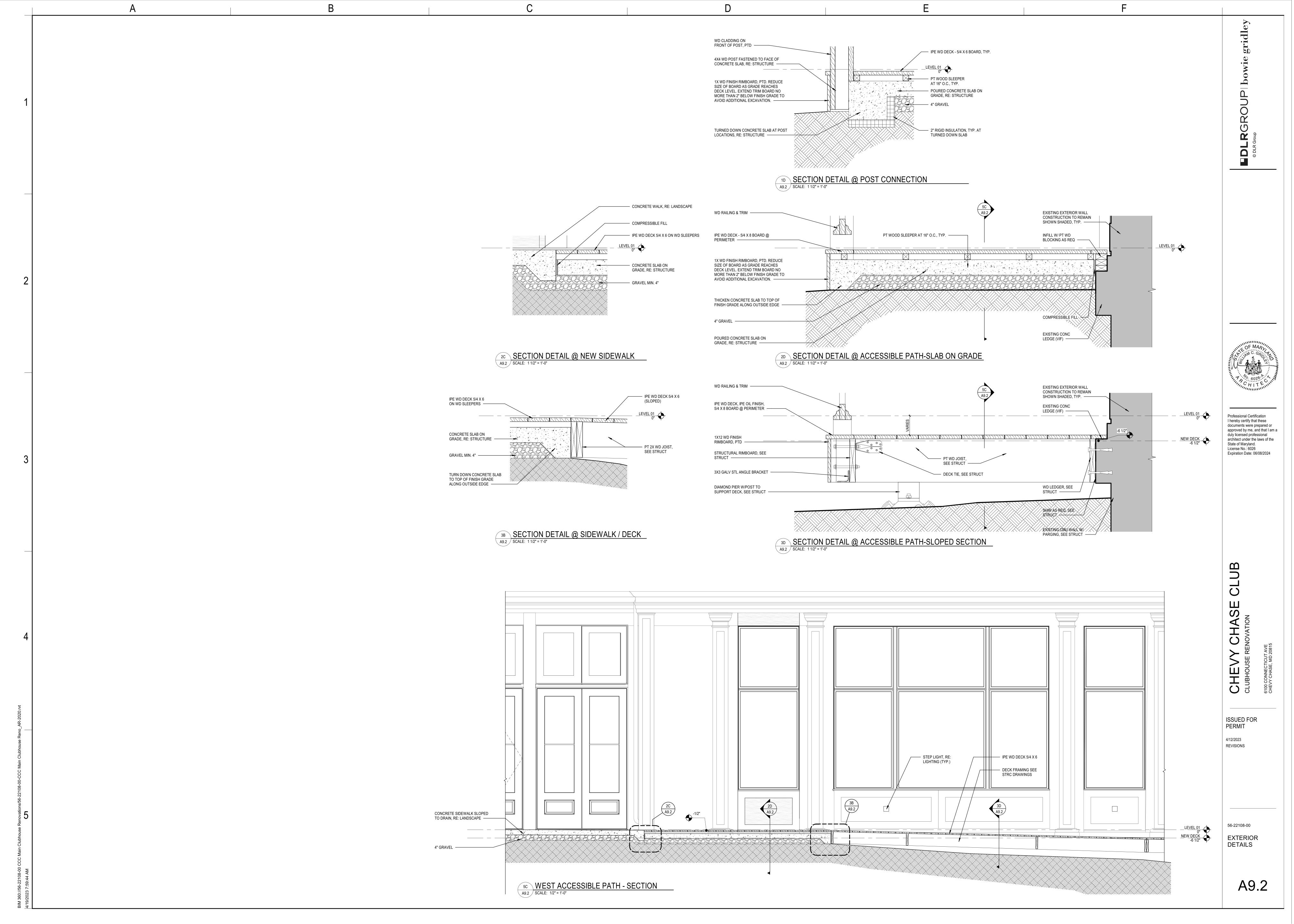


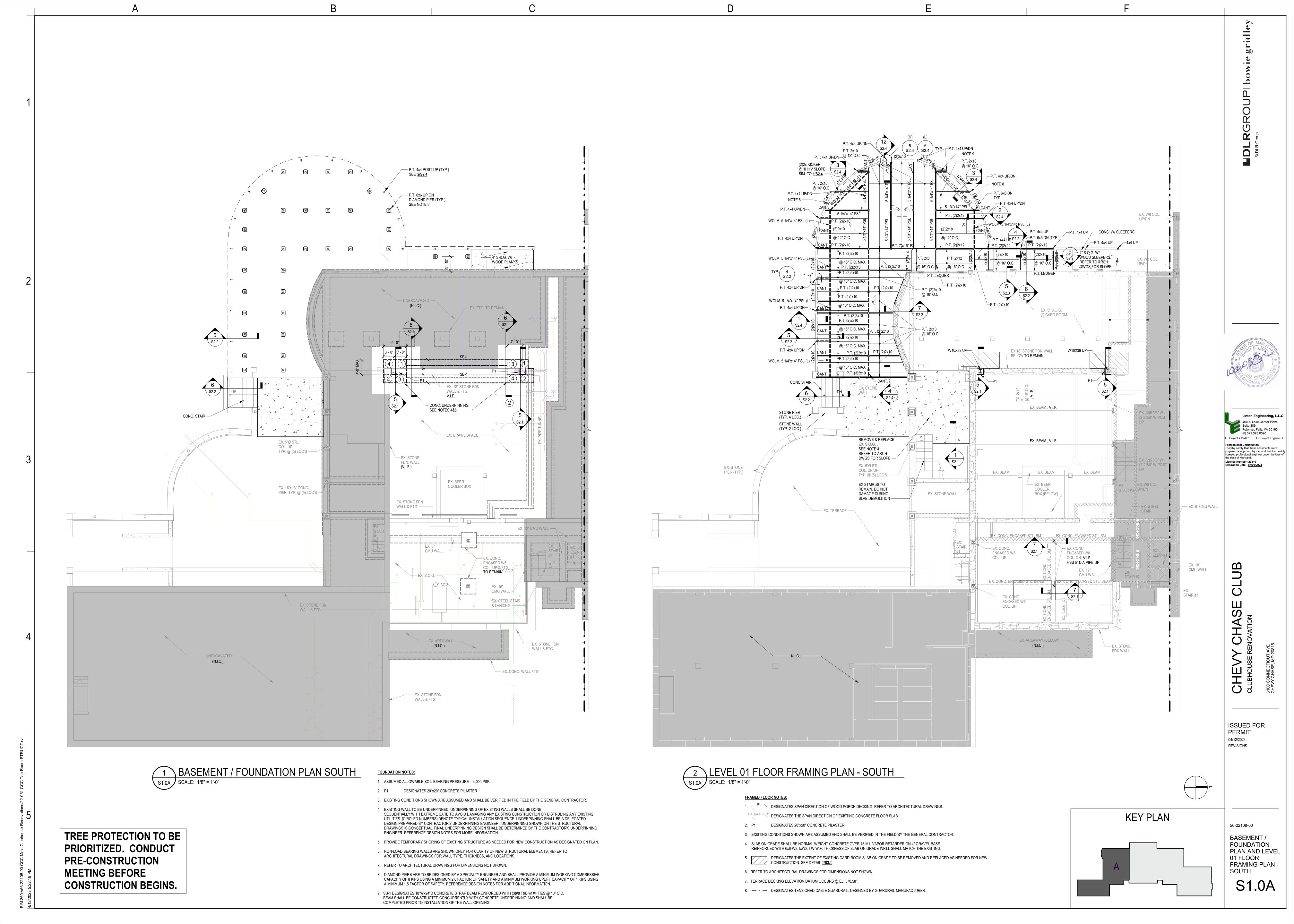


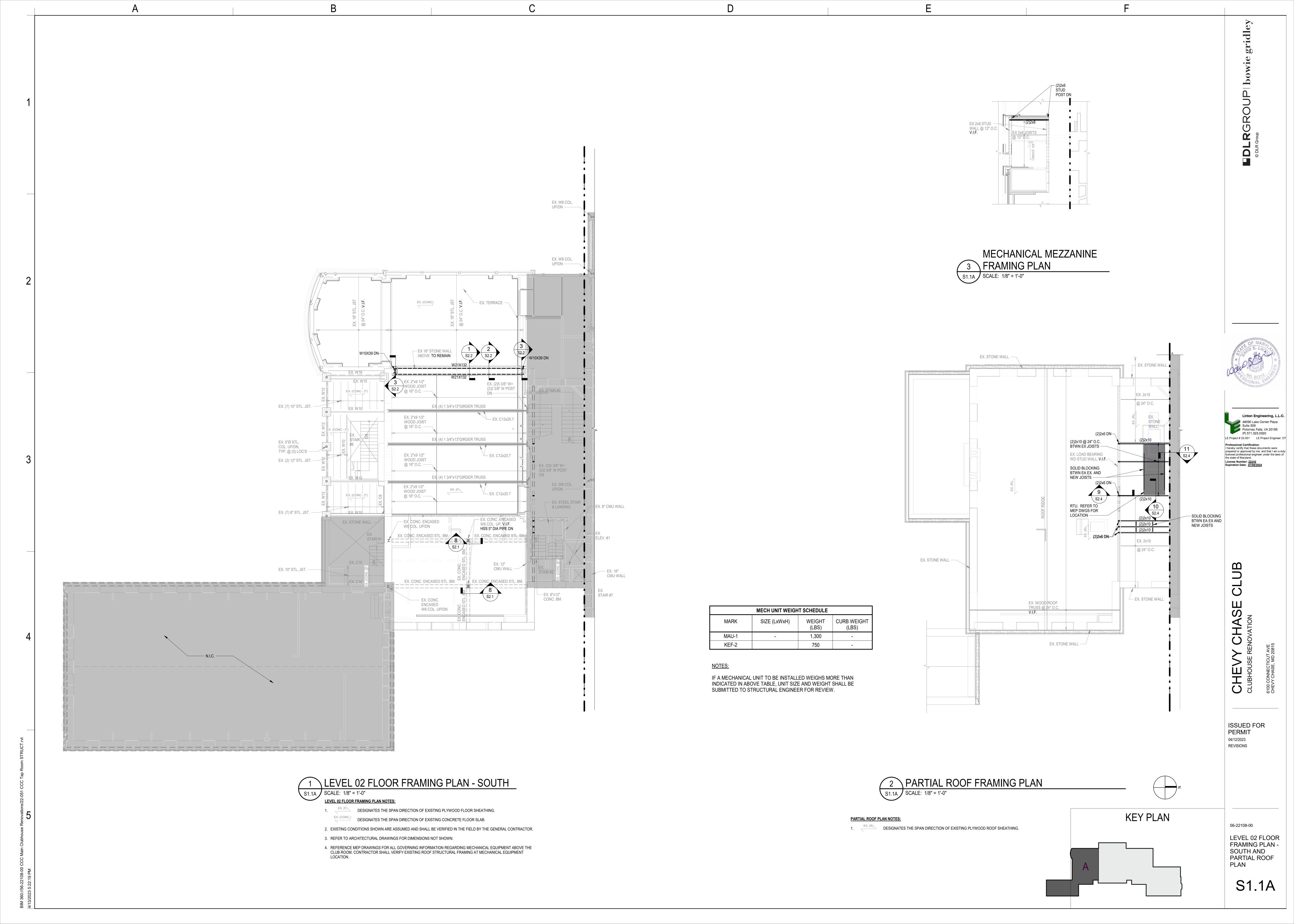


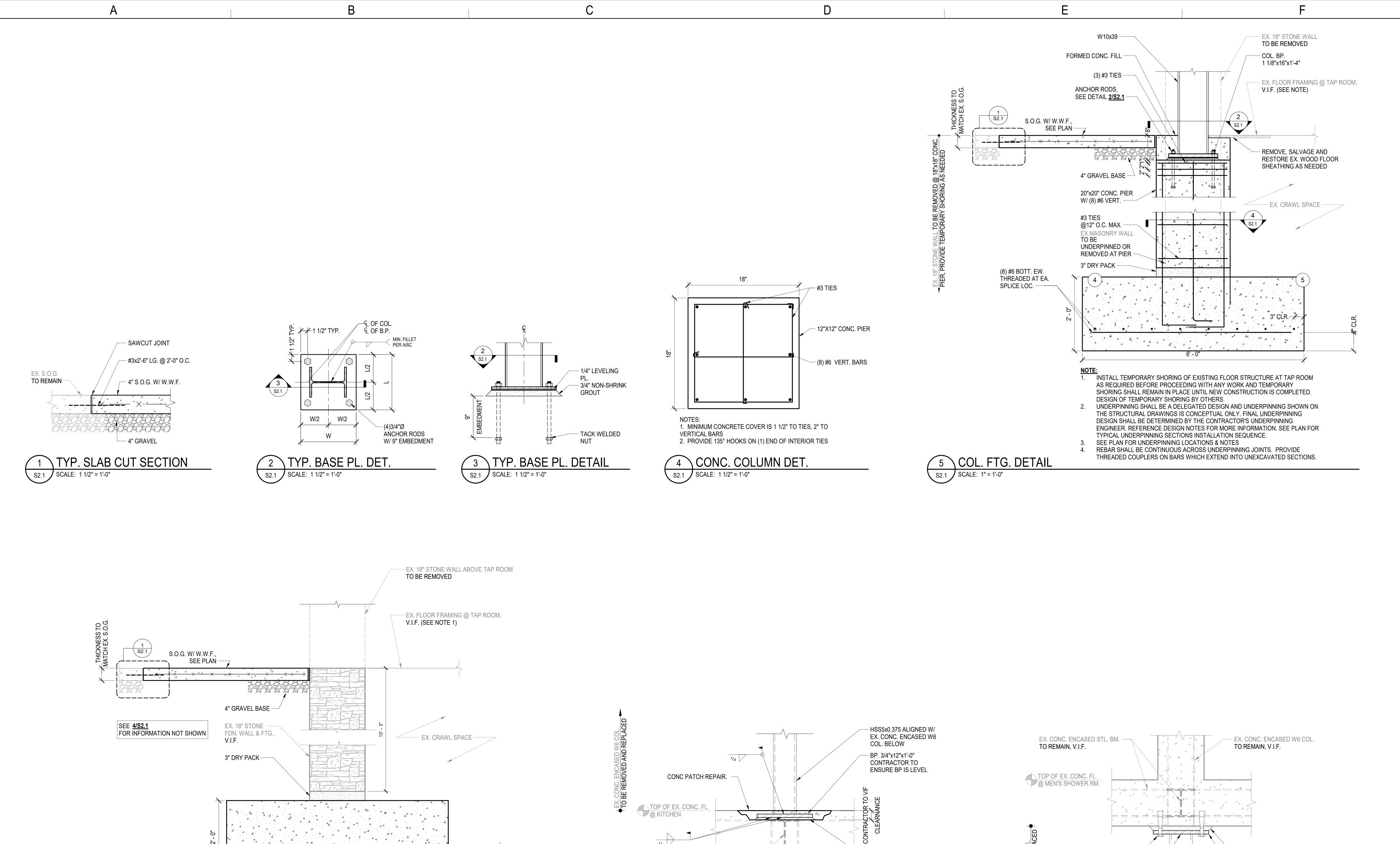












3" CLR.

6' - 0"

2. UNDERPINNING SHALL BE A DELEGATED DESIGN AND UNDERPINNING SHOWN

DESIGN SHALL BE DETERMINED BY THE CONTRACTOR'S UNDERPINNING

FOR TYPICAL UNDERPINNING SECTIONS INSTALLATION SEQUENCE.

OF TEMPORARY SHORING BY OTHERS.

6 TYP. UNDERPINNING DET. @ EX. STONE WALL FTG.

S2.1 SCALE: 1" = 1'-0"

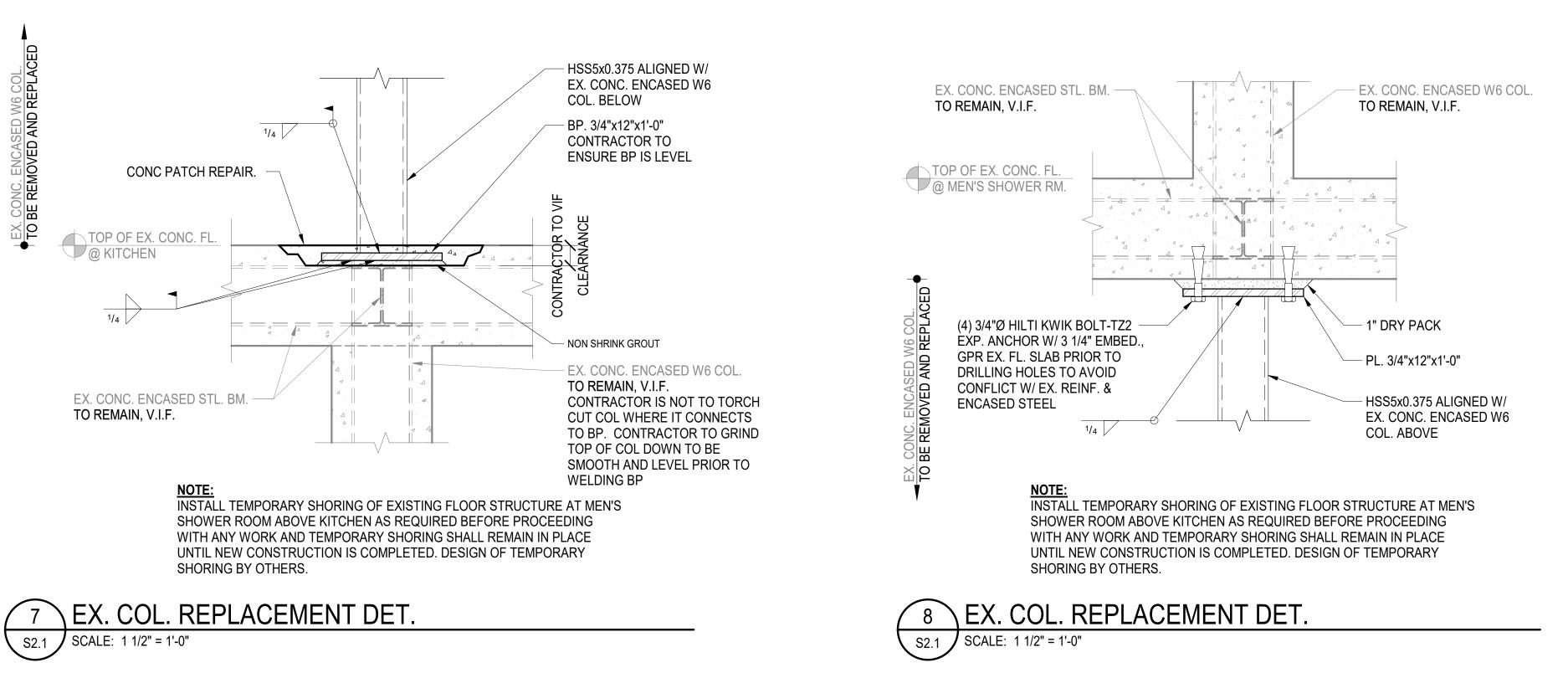
1. INSTALL TEMPORARY SHORING OF EXISTING FLOOR STRUCTURE AT TAP ROOM

AS REQUIRED BEFORE PROCEEDING WITH ANY WORK. TEMPORARY SHORING

SHALL REMAIN IN PLACE UNTIL NEW CONSTRUCTION IS COMPLETED. DESIGN

ON THE STRUCTURAL DRAWINGS IS CONCEPTUAL ONLY. FINAL UNDERPINNING

ENGINEER. REFERENCE DESIGN NOTES FOR MORE INFORMATION. SEE PLAN



Linton Engineering, L.L.C.

46090 Lake Center Plaza
Suite 309
Potomac Falls, VA 20165
(P) 571.323.0320

LE Project # 22-051 LE Project Engineer: DT

Professional Certification:
I hereby certify that these documents were
prepared or approved by me, and that I am a duly
licensed professional engineer under the laws of
the state of Maryland.

License Number: 23310
Expiration Date: 07/09/2024

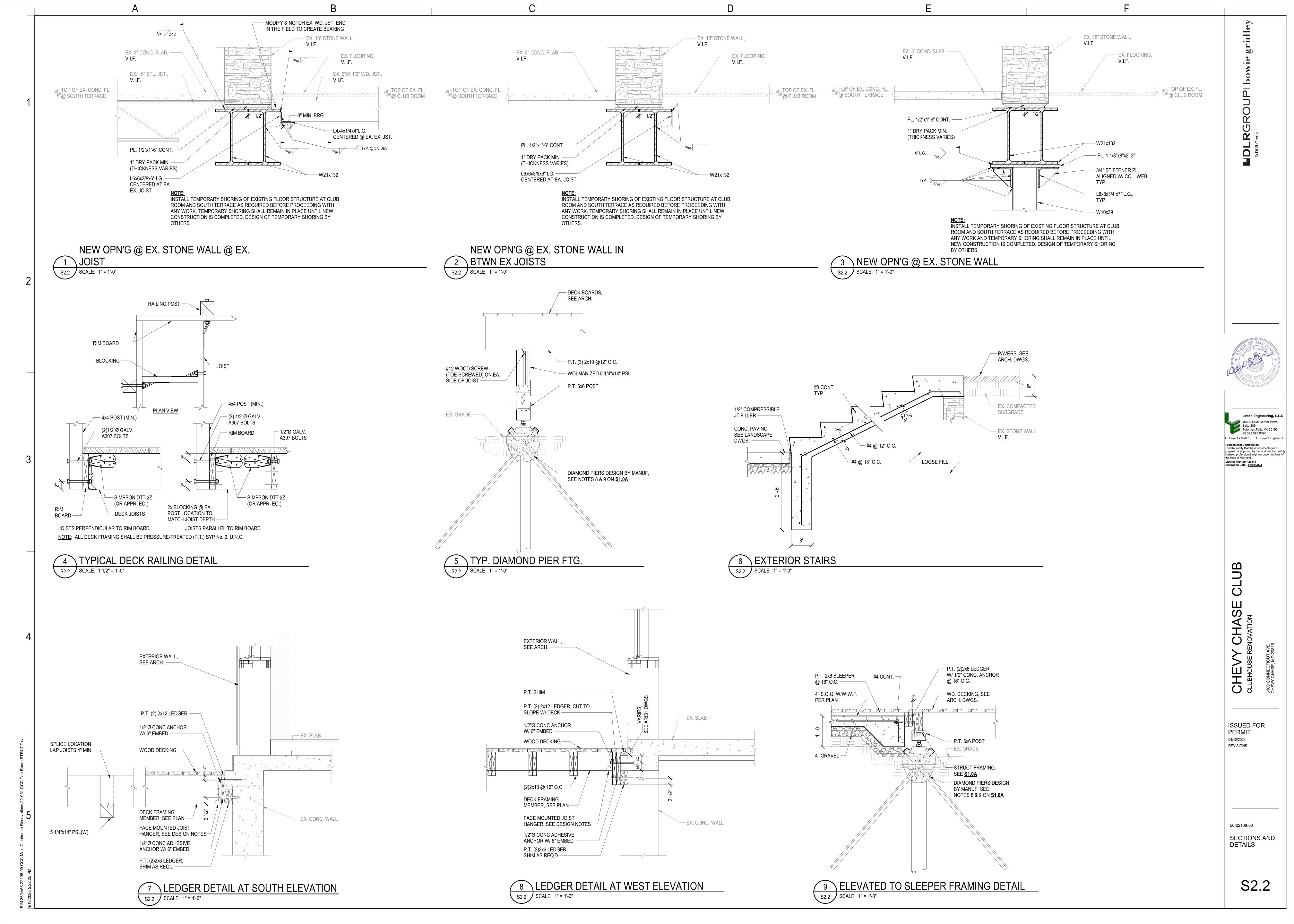
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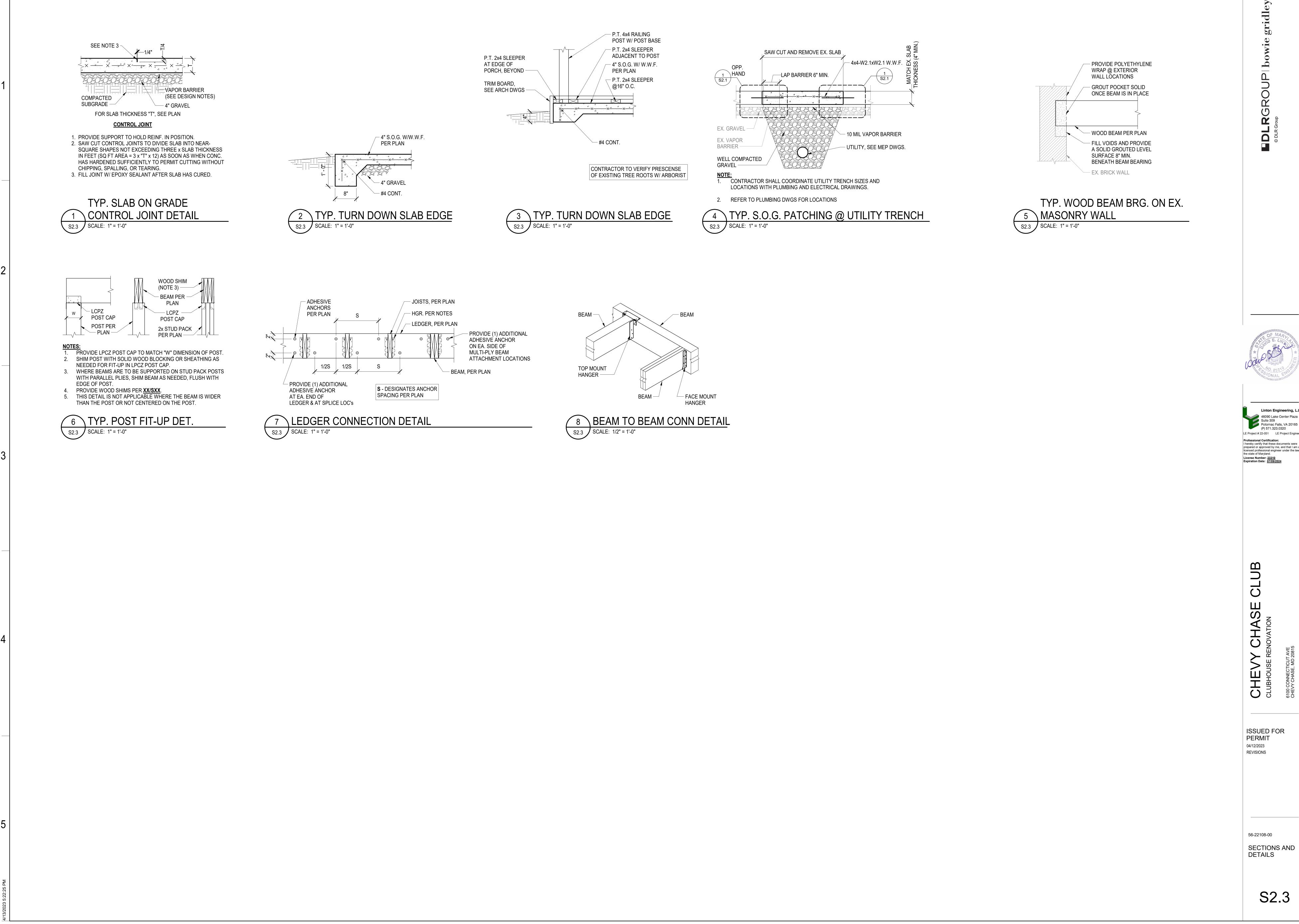
CHEVY CHASE CLUB

ISSUED FOR PERMIT 04/12/2023 REVISIONS

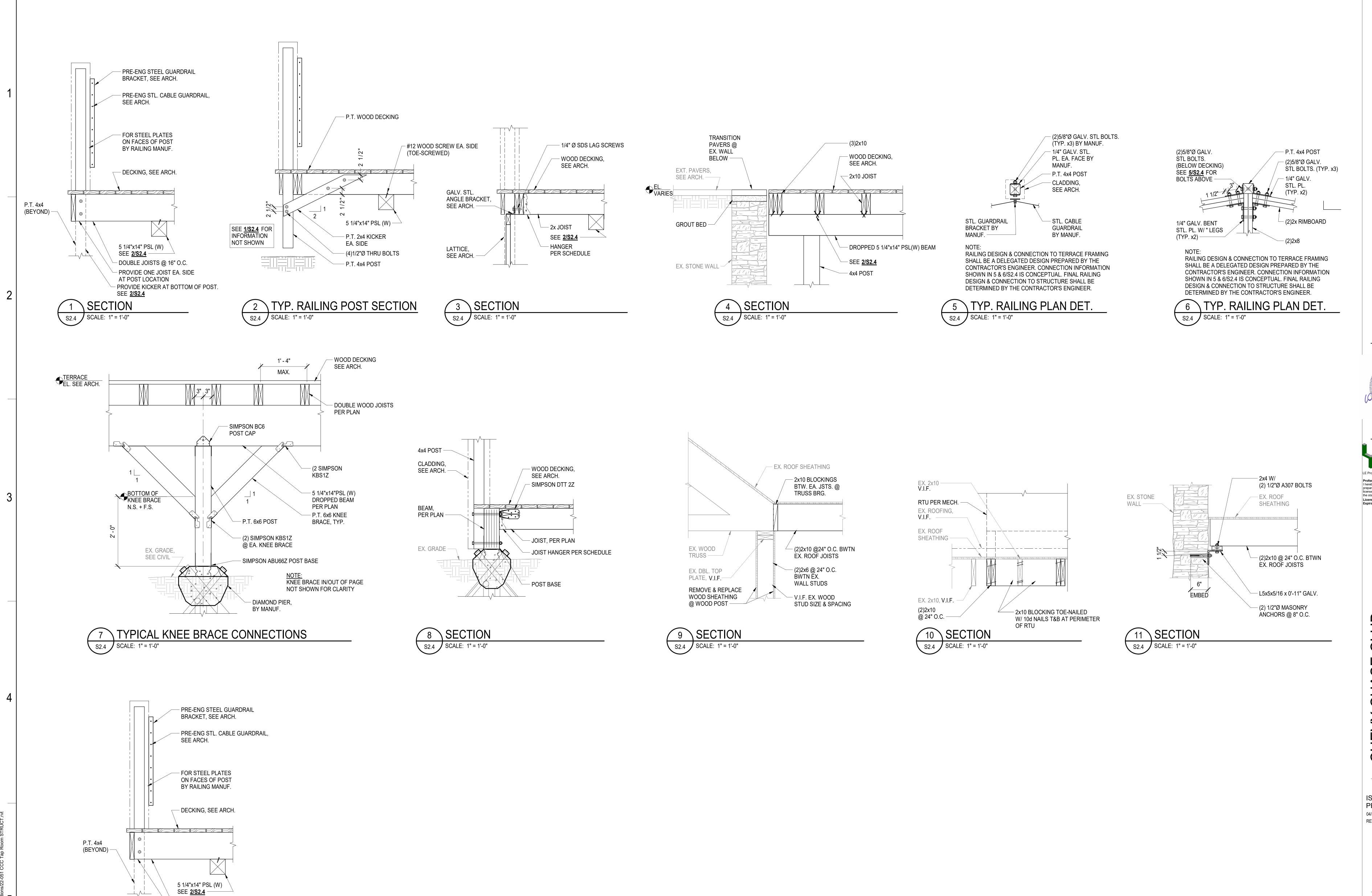
56-22108-00 SECTIONS AND DETAILS

S2.1





46090 Lake Center Plaza Suite 309 Potomac Falls, VA 20165 LE Project # 22-051 LE Project Engineer: DT I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland.



- DOUBLE JOISTS @ 16" O.C.

AT POST LOCATION

12 SECTION

S2.4 SCALE: 1" = 1'-0"

PROVIDE ONE JOIST EA. SIDE

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Linton Engineering, L.L.C. 46090 Lake Center Plaza Suite 309 Potomac Falls, VA 20165 (P) 571.323.0320 LE Project # 22-051 LE Project Engineer: DT Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland. License Number: 23310 Expiration Date: 07/09/2024

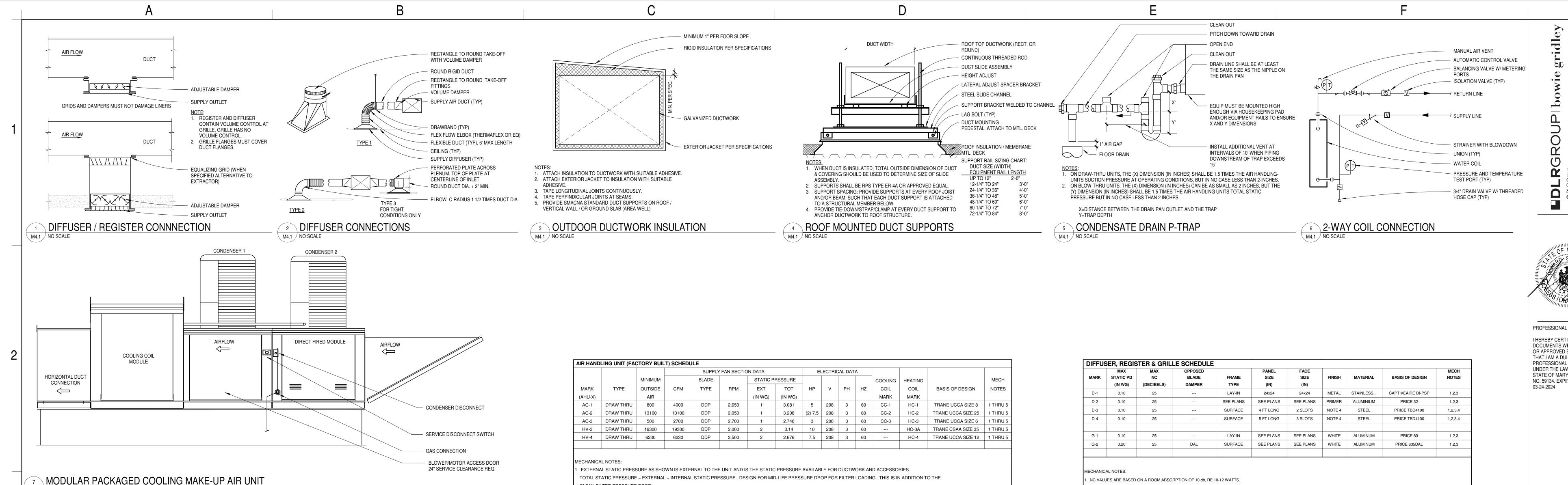
CHASE CHEVY CLUBHOUSE REI

ISSUED FOR PERMIT 04/12/2023 **REVISIONS**

56-22108-00 SECTIONS AND **DETAILS**

S2.4





ALL SECTIONS (FIELD OR FACTORY FABRICATED) OF THE AIR HANDLING UNIT SHALL BE DOUBLE WALL INSULATED AS PER THE SPECIFICATIONS.

DAMPERS LOCATED IN THE MIXING BOX / ECONOMIZER MODULE SHALL BE PROVIDED BY THE AHU MANUFACTURER. SEE SPECIFICATIONS.

OIL - CH	ILLED WATE	R SCHEDU	LE													
							AIR SI	DE				WATER	SIDE			
			COIL SIZE	MIN	MAX FACE	MAX AIR	MIN	MIN	EAT	LAT		MAX				MECH
MARK	SERVES	CFM	WxH	ROWS	VELOCITY	PD	SEN CAP	TOTAL CAP	DB/WB	DB/WB	GPM	WATER PD	EWT	LWT		NOTES
(CC-X)			(IN)		(FPM)	(IN WC)	(MBH)	(MBH)	(°F)	(°F)		(FT WC)	(°F)	(°F)	BASIS OF DESIGN	
CC-1	AC-1	4000	50 X 30	6	525	0.635	110.23	150.84	80 / 67	55 / 54.84	18.0	3.30	44.00	60.66	TRANE	1, 2
CC-2	AC-2	13100	80 X 60	6	550	0.763	361.01	496.76	80 / 67	55 / 54.76	68.0	5.07	44.00	58.56	TRANE	1, 2
CC-3	AC-3	2700	45 X 32	6	500	0.508	75.78	105.54	80 / 67	55 / 54.6	16.0	3.30	44.00	57.10	TRANE	1, 2

MECHANICAL NOTES:

- COIL CRITERIA: A. 0.0000 FOULING FACTOR.
- B. 3.0 FEET PER SECOND WATER VELOCITY. C. 5.0 GALLONS COIL WATER VOLUME.
- D. 80 FINS PER FOOT AND 0.02" TUBES. 2. MAXIMUM FIN SPACING SHALL BE 10 FINS PER INCH.

. PROVIDE ACCESS DOORS IN ALL FILTER, ACCESS AND FAN MODULES.

PROVIDE DOUBLE WALL DRAIN PANS UNDER ALL COIL MODULES OR SECTIONS.

						Α	IR SIDE				WATER	SIDE			
			COIL SIZE		MAX FACE	MAX AIR	MIN	EAT	LAT		MAX				
MARK			WxH	MIN	VELOCITY	PD	CAP	DB	DB		WATER PD	EWT	LWT		MECH
(HC-X)	SERVES	CFM	(IN)	ROWS	(FPM)	(IN WG)	(MBH)	(°F)	(°F)	GPM	(FT WG)	(°F)	(℉)	BASIS OF DESIGN	NOTES
HC-1	AC-1	4000	50 X 30	1	525	0.162	143.2	45.0	78.0	7.0	0.3	180.0	138.1	TRANE	1
HC-2	AC-2	13100	80 X 60	1	550	0.134	781.4	0.0	55.0	43.0	9.8	180.0	143.5	TRANE	1
HC-3	AC-3	2700	45 X 32	1	490	0.103	98.4	45.0	78.0	8.0	0.5	180.0	154.7	TRANE	1
HC-3A	HV-3	19300	87 X 54	1	580	0.119	721.2	55.0	90.0	72.0	10.2	180.0	160.0	TRANE	1
HC-4	HV-4	6230	70 X 40	2	510	0.194	236.5	55.0	90.0	8.0	0.1	180.0	121.2	TRANE	1

AN SCHEDULE	E														
			FAN DA	TA			ELECTRICAL	DATA					UNIT		
		FAN		ESP	FAN	DRIVE	HP				MAX	MOTORIZED	WEIGHT	BASIS OF DESIGN	MECH
MARK	SERVES	TYPE	CFM	(IN WG)	RPM	TYPE	[WATTS]	٧	PH	HZ	SONES	DAMPER	(LBS)		NOTES
KEF-1	MAIN KITCHEN	CENT	16200	3	1725	BELT	15	208	3	60			750	COOK 330 CPA	1 THRU 6
KEF-2	TAPROOM KITCHEN	CENT	3710	2	1015	DIRECT	5	208	3	60	20.1		750	CAPTIVEAIRE USBI24DD-RM	1 THRU 6

MECHANICAL NOTES:

- . PROVIDE UTILITY SET GREASE CUP.
- FAN SELECTION WITH THE FOLLOWING PARAMETER: NOT ALLOWED TO OPERATE IN MOTOR SAFETY FACTOR. . DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE. PROVIDE WITH 24" DISCHARGE EXTENSION.
- PROVIDE DISCONNECT SWITCH IN NEMA-1 ENCLOSURE FACTORY MOUNTED AND WIRED.
- FAN SHALL BE INTERLOCKED WITH KITCHEN HOOD CONTROLS. PROVIDE SPRING VIBRATION ISOLATORS.

ROOF-TOP I	MAKEUP AI	R UNIT - GAS FIRE	D SCHEDU	LE																		
					FAN DATA		MINIMUM CO	OLING CAPACITY AT E	ENTERING CONDITION	NS SHOWN		HEATIN	G DATA			Е	LECTRI	CAL DATA	4	UNIT		
MARK	CFM	TYPE	% OA	ESP	TSP	HP	TOTAL CAP	SENS. CAP	EAT DB/WB	LAT DB/WB	INPUT	OUTPUT	EAT	LAT	V	PH	Hz	MCA	MAX FUSE	WEIGHT	BASIS OF DESIGN	MECH
				(IN WG)	(IN WG)		(MBH)	(MBH)	(°F)	(°F)	(MBH)	(MBH)	(°F) (DB)	(°F) (DB)					AMPS	(LBS)		NOTES
MAU-1	2968	DIRECT-FIRED	100	0.75		3	56.7	37.8	91 / 74	78.8 / 68.8	240.8	221.5	0.0	70.0	208	3	60	11.9	20	1300	CAPTIVEAIRE A2-D.500-20D-MPU	1 THRU 6

2. SEE PLANS FOR NECK SIZE AND CFM.

. COORDINATE WITH CEILINGS ON FRAME TYPE. PROVIDE A ALUMINUM SURFACE MOUNT ADAPTER FRAME FOR GYP CEILING INSTALLATION.

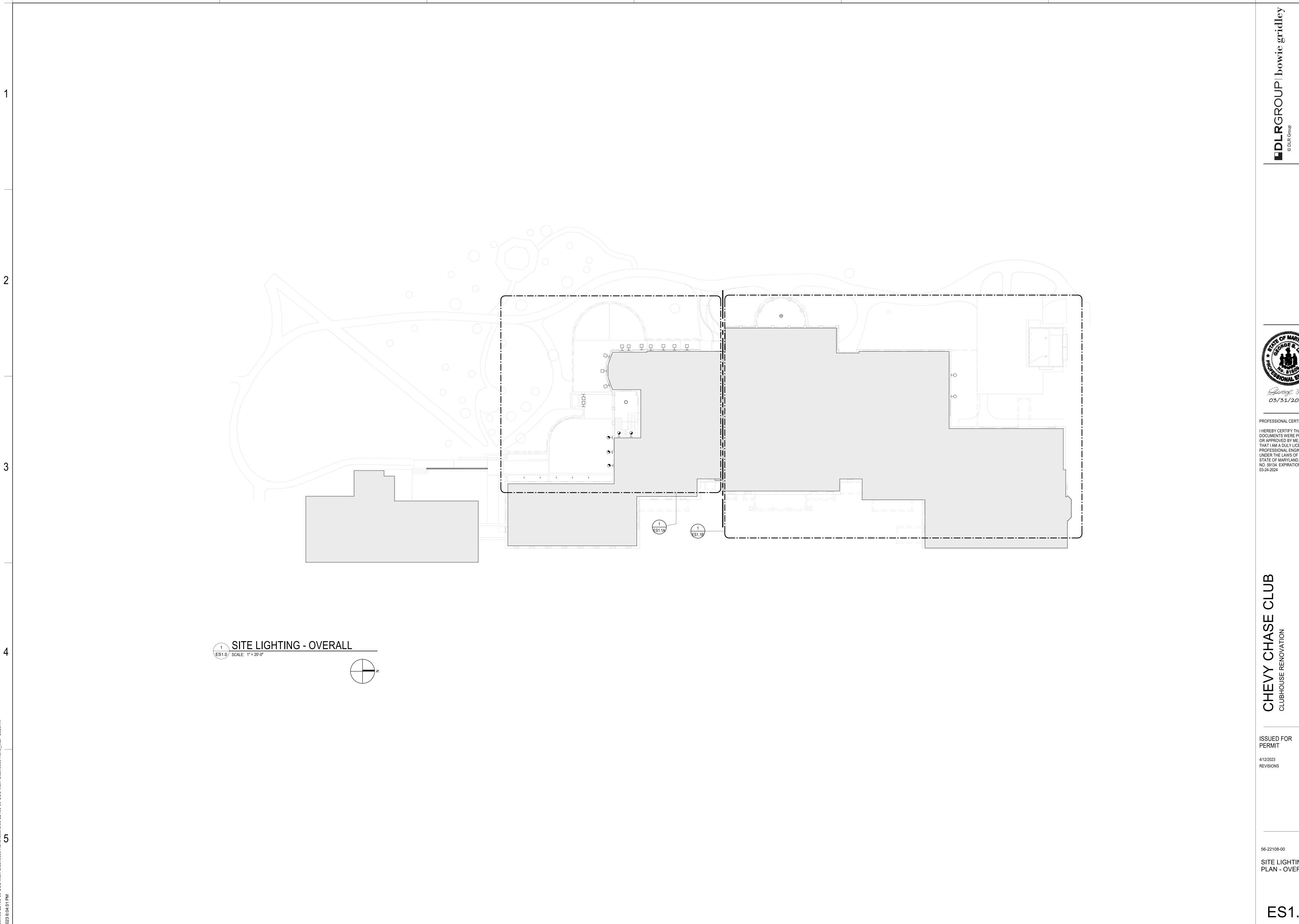
MECHANIC...

- . UNIT SHALL BE PROVIDED WITH A MOTORIZED DAMPER ON INLET AIR.
- UNIT SHALL BE PROVIDED WITH A 20" HIGH INSULATED CURB AND RAIL SYSTEM.
- . PROVIDE WITH A SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION, INCLUDING CONDENSERS, DX COIL, FILTER/DRYER KIT, THERMAL EXPANSION VALVE, R410A REFRIGERANT, AND REFRIGERANT PIPING.
- UNIT SHALL BE PROVIDED WITH FREEZE PROTECTION, HEAT INLET AIR SENSOR, DIRTY FILTER SWITCH, EXTERNAL COOLING LOCKOUT RELAY, SERVICE RECEPTACLE, TYPE III FIRE STAT, SMOKE DETECTOR, AND BMS MONITORING WITH REMOTE INTERFACE AND 75' CORD.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR MOUNTING OF CONTROL PANEL FOR UNIT.
- UNIT TO BE INTERLOCKED WITH KITCHEN HOOD CONTROLS, SUPPLIED BY OTHERS.

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 59134. EXPIRATION DATE 03-24-2024

ISSUED FOR PERMIT 4/12/2023 REVISIONS

56-22108-00 **HVAC DETAILS &** SCHEDULES

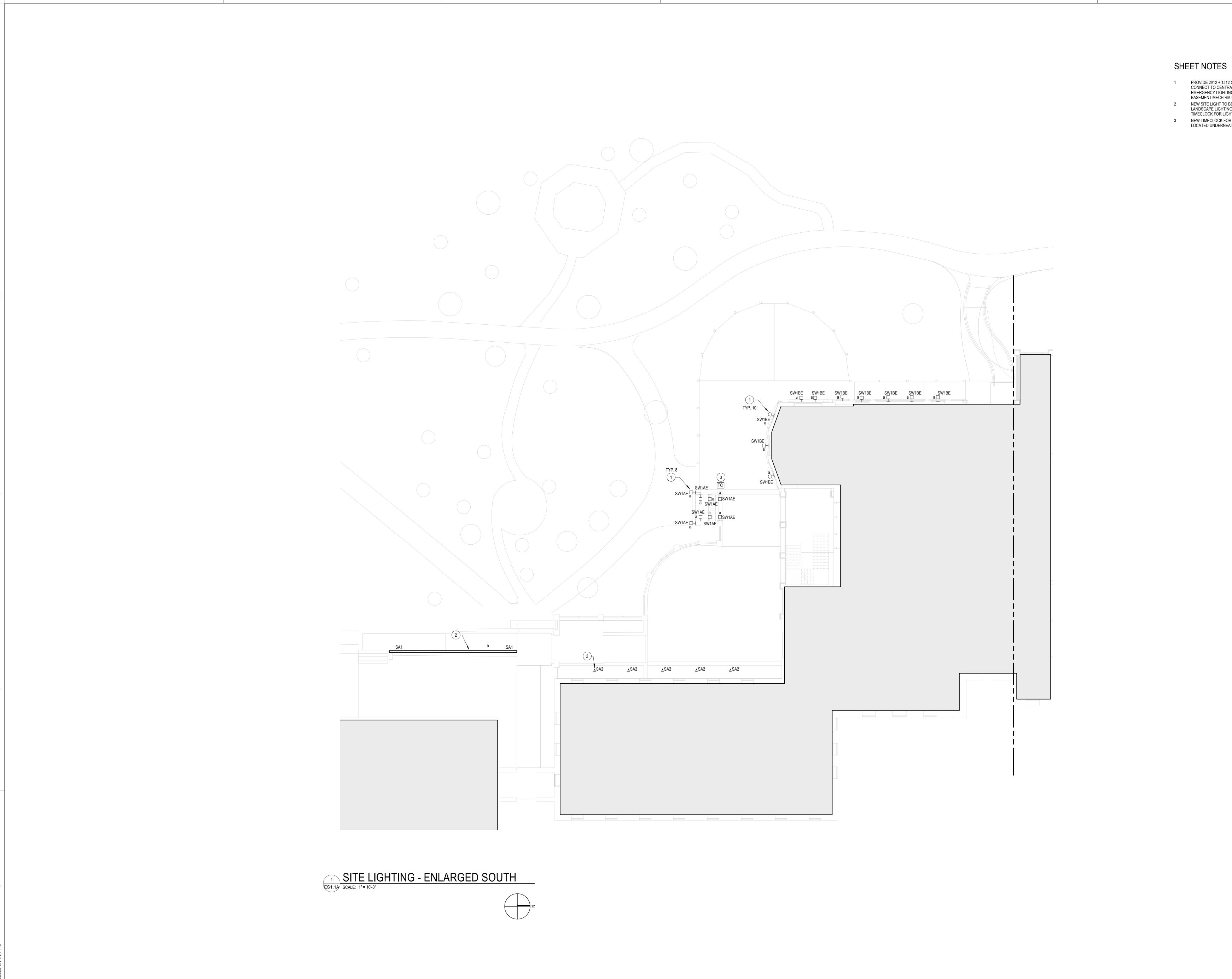


Aurel Lin 03/31/2023

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SITE LIGHTING PLAN - OVERALL

ES1.0



1 PROVIDE 2#12 + 1#12 GND BACK TO CIRCUIT PKC-2. CONNECT TO CENTRAL BATTERY INVERTER INV-8, EMERGENCY LIGHTING RELAY, AND TIME CLOCK IN BASEMENT MECH RM #2, SEE SHEET E3.0A.

2 NEW SITE LIGHT TO BE CONNECTED TO EXISTING
LANDSCAPE LIGHTING CIRCUIT SERVING AREA. PROVIDE
TIMECLOCK FOR LIGHTING CONTROL.

3 NEW TIMECLOCK FOR SITE LIGHTING CONTROL TO BE
LOCATED UNDERNEATH NEW DECK.

Aurel Lin 03/31/2023

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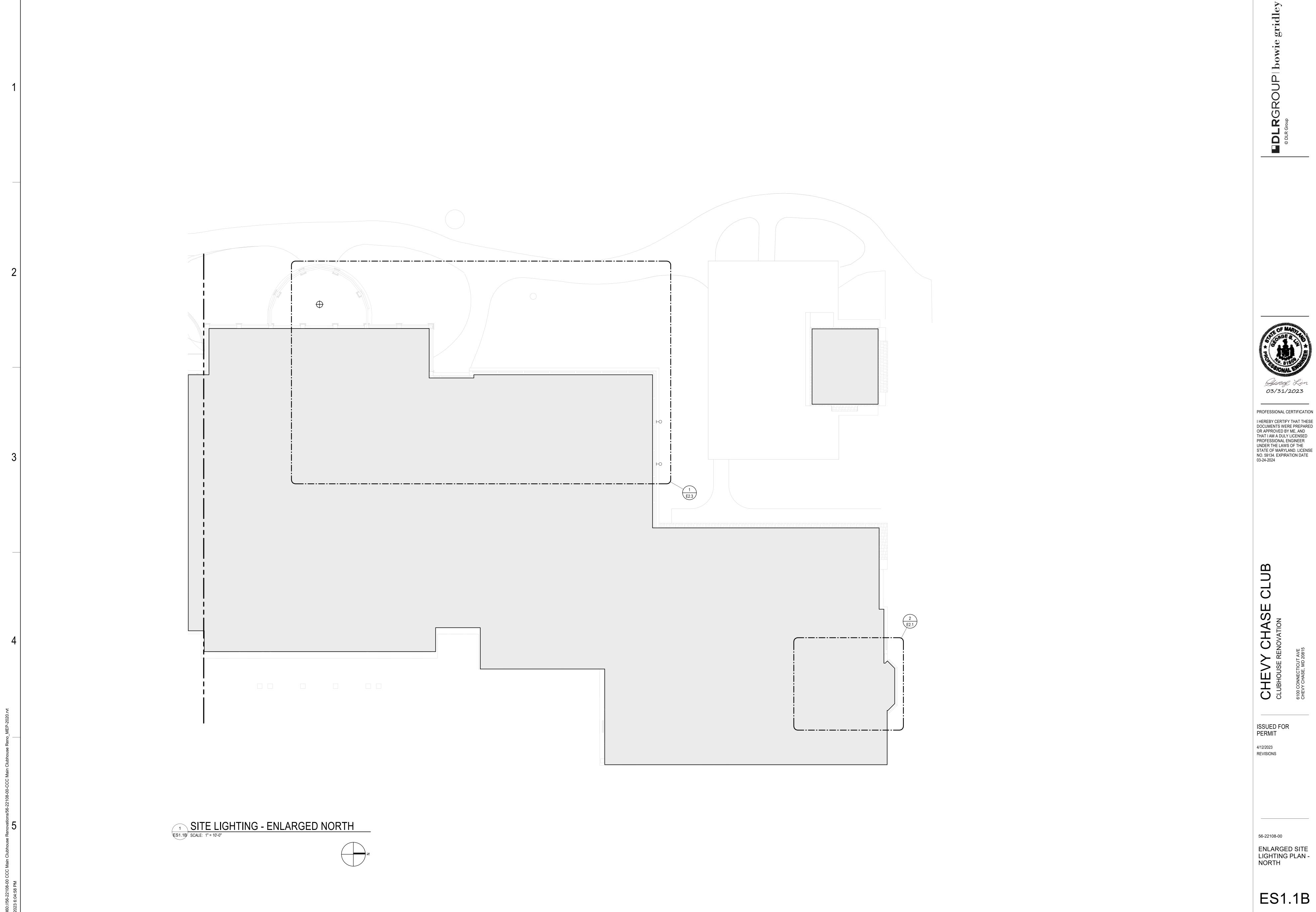
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56-22108-00

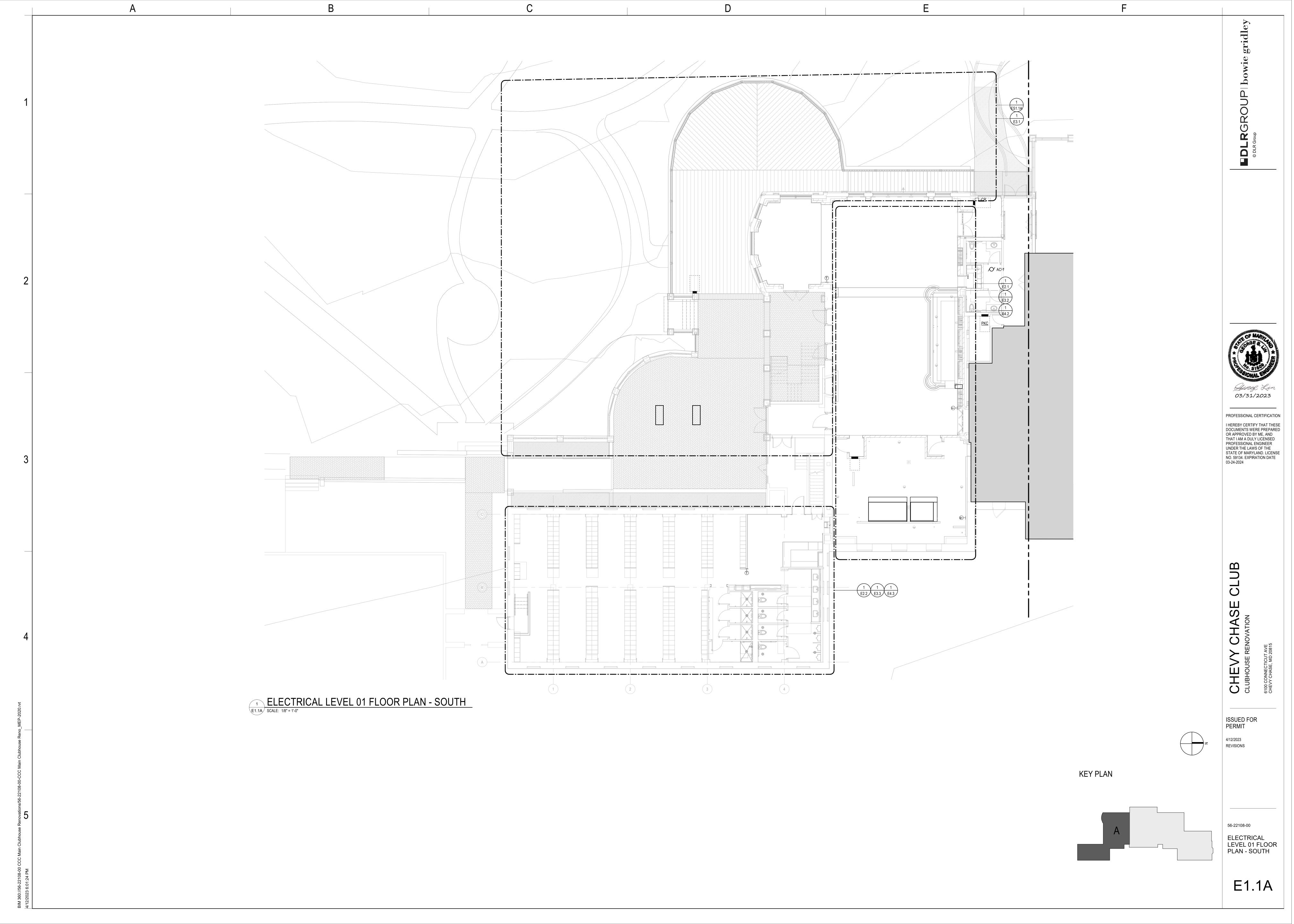
ENLARGED SITE LIGHTING PLAN -SOUTH

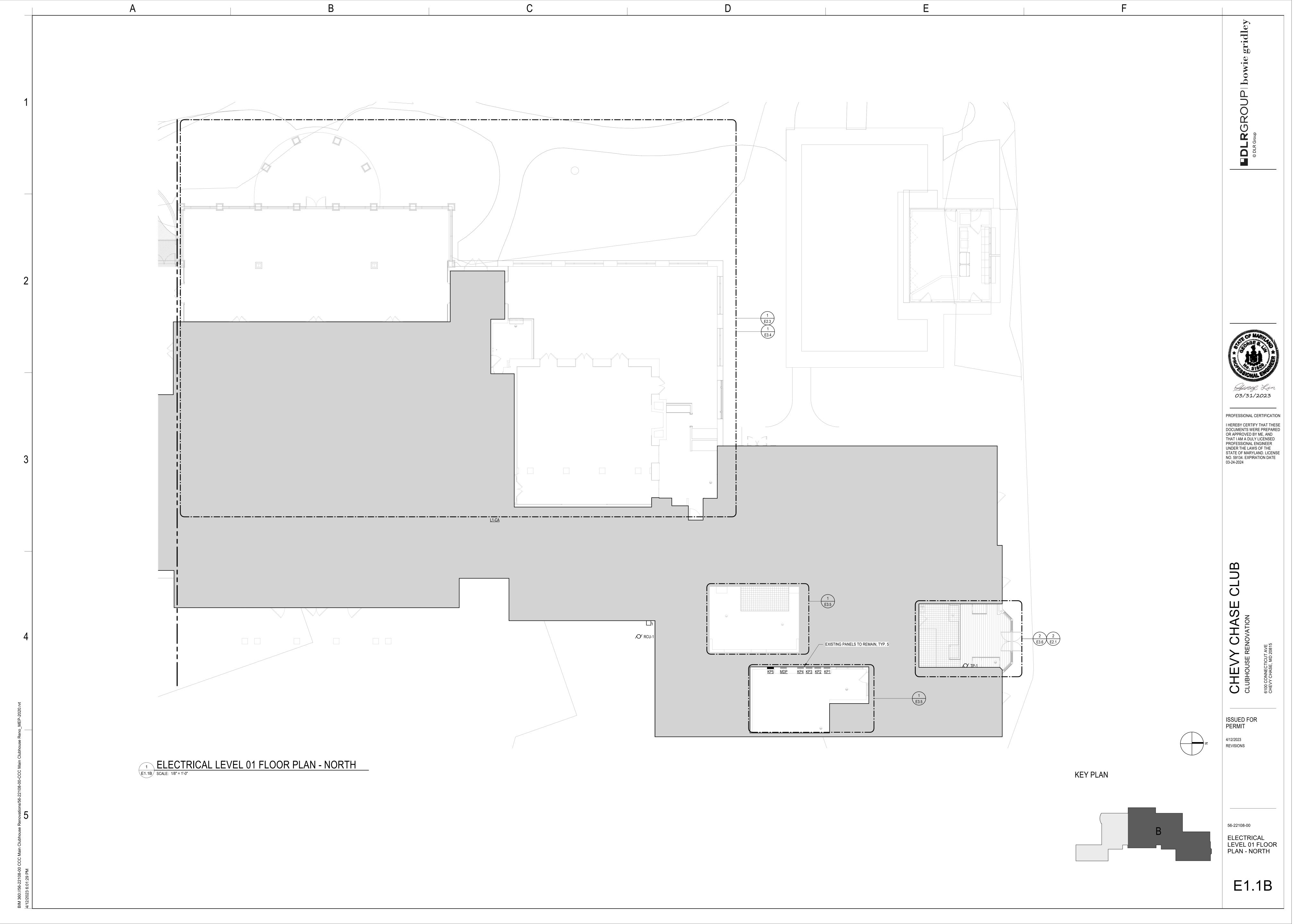
ES1.1A

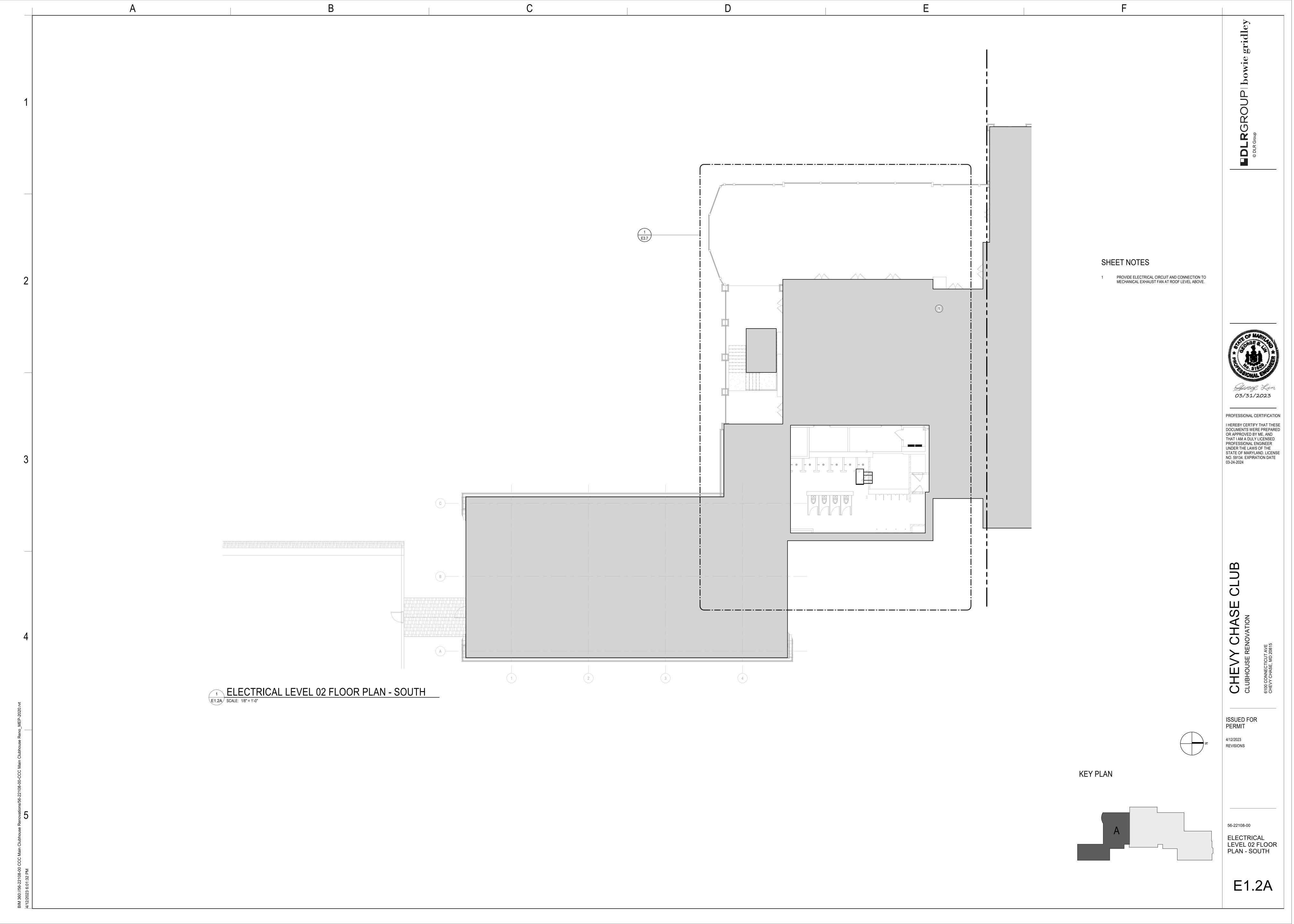


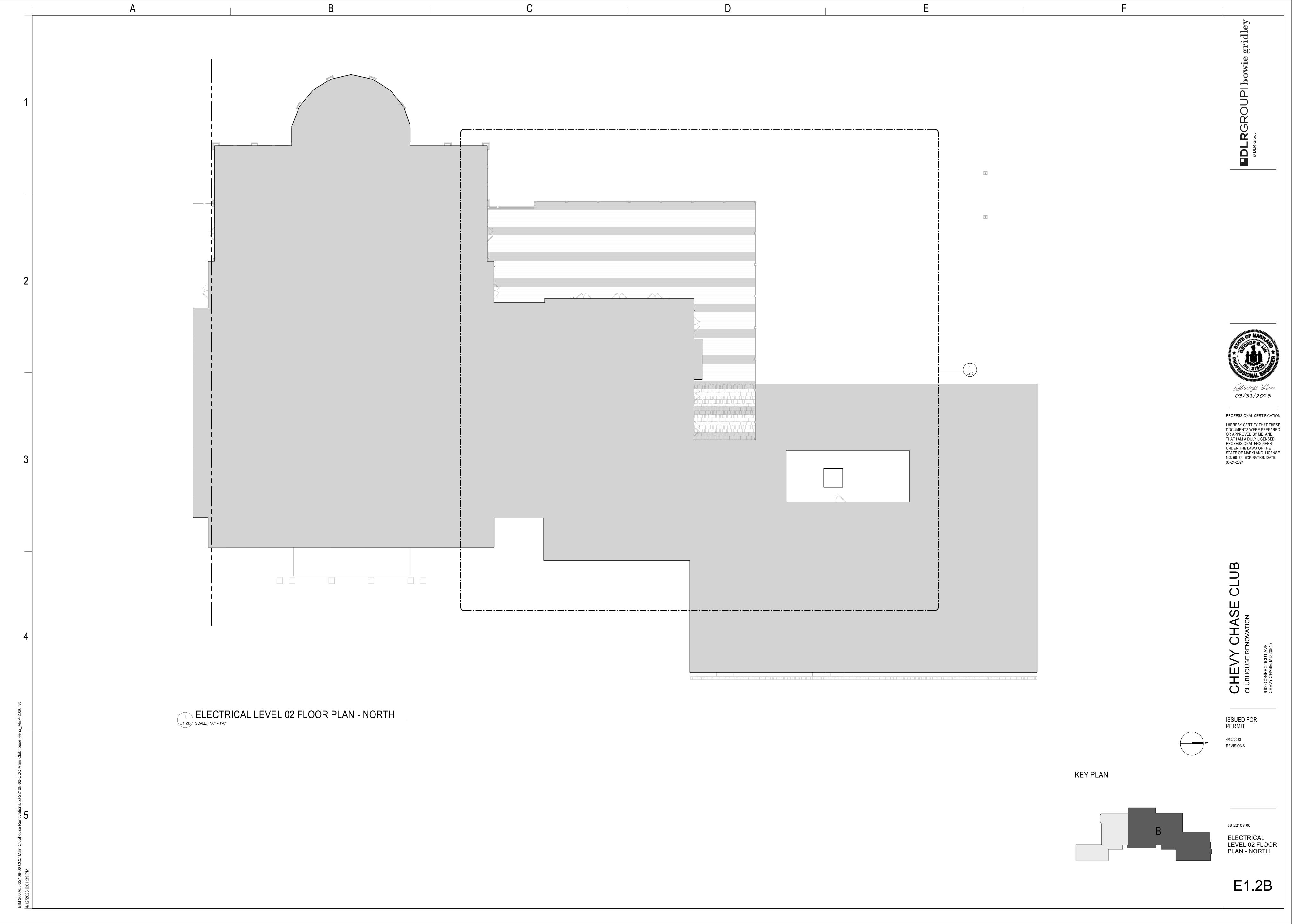
George Lin 03/31/2023

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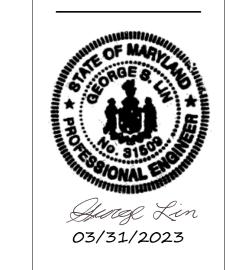












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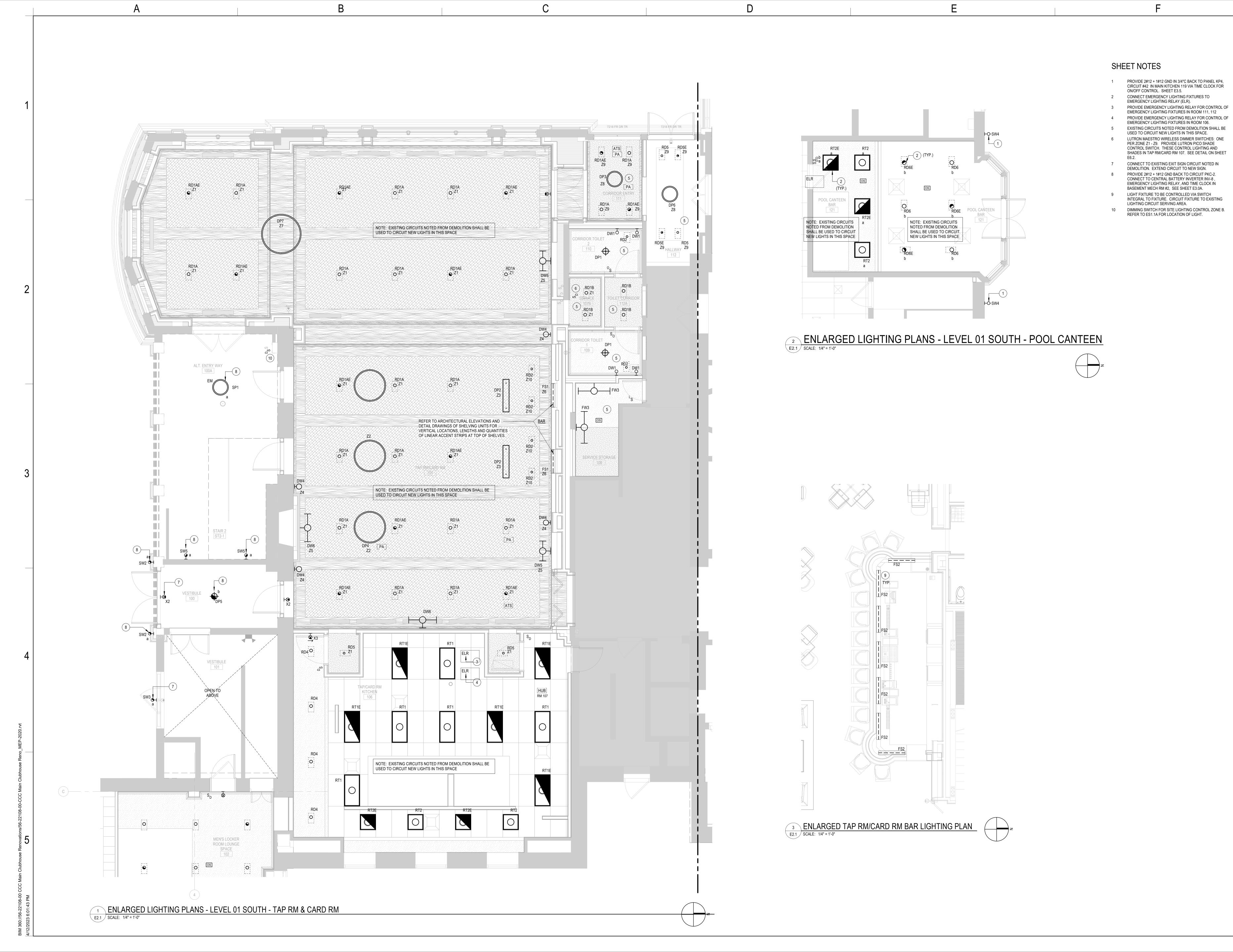
LUBHOUSE RENOVATION

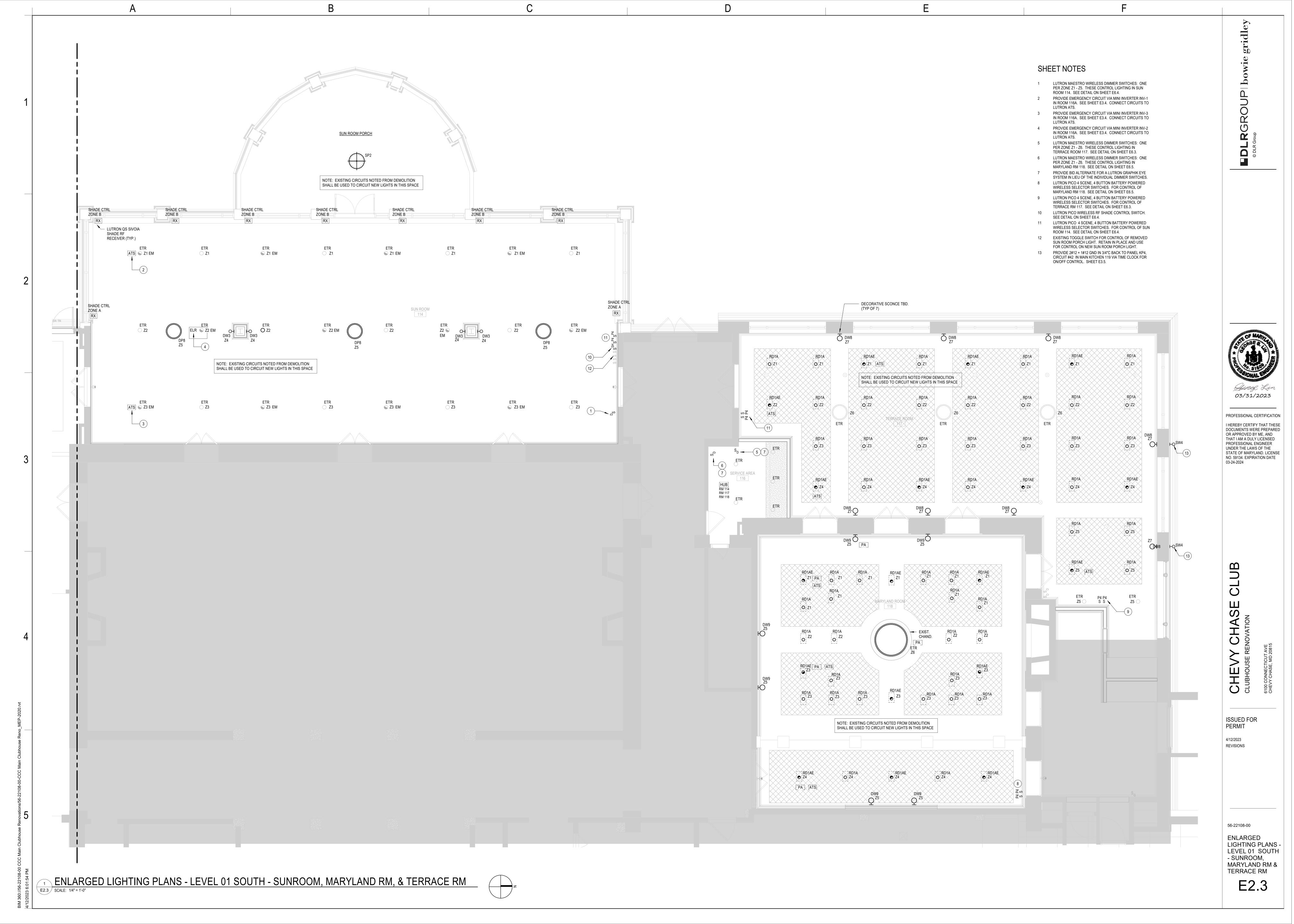
00 CONNECTICUT AVE

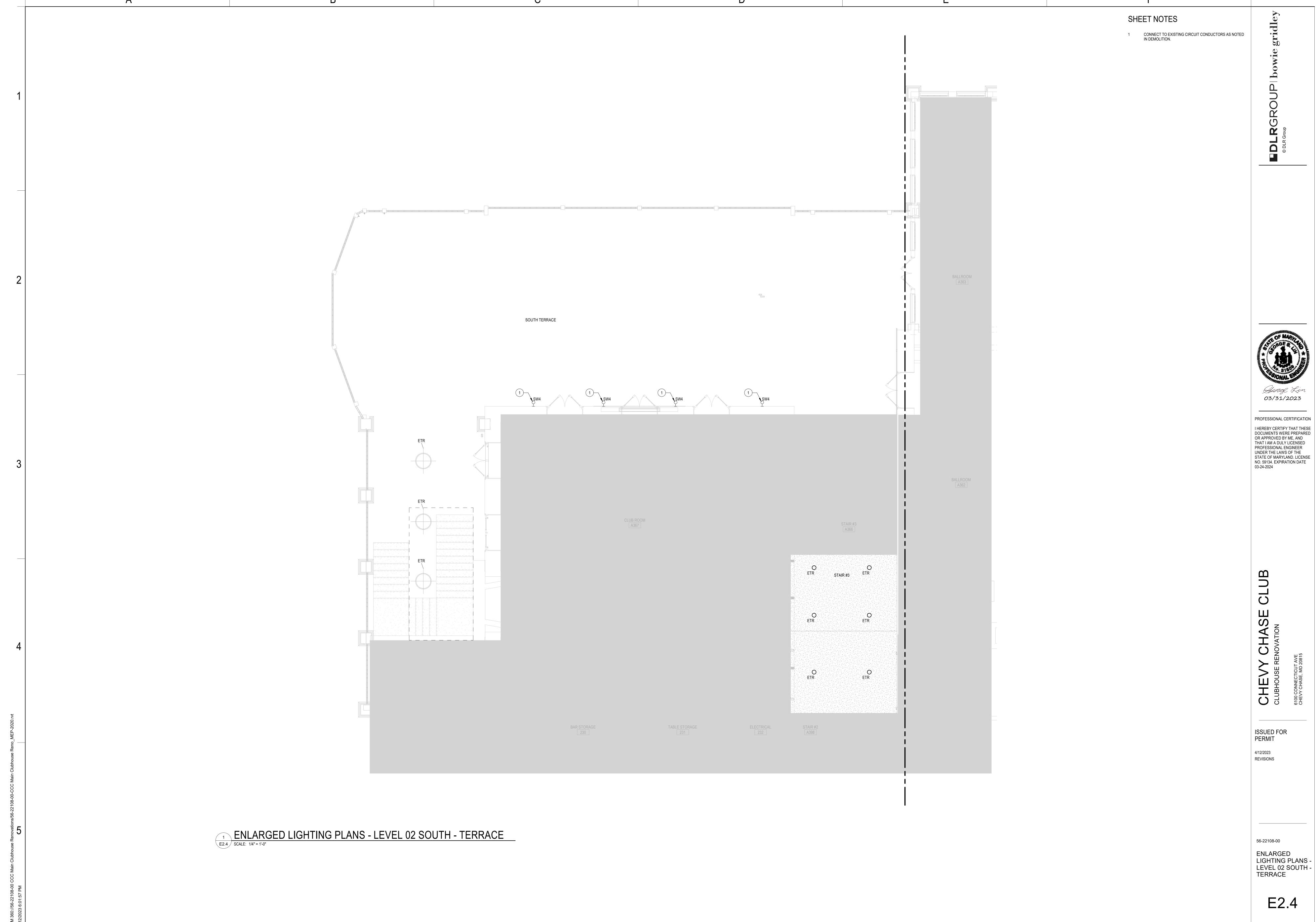
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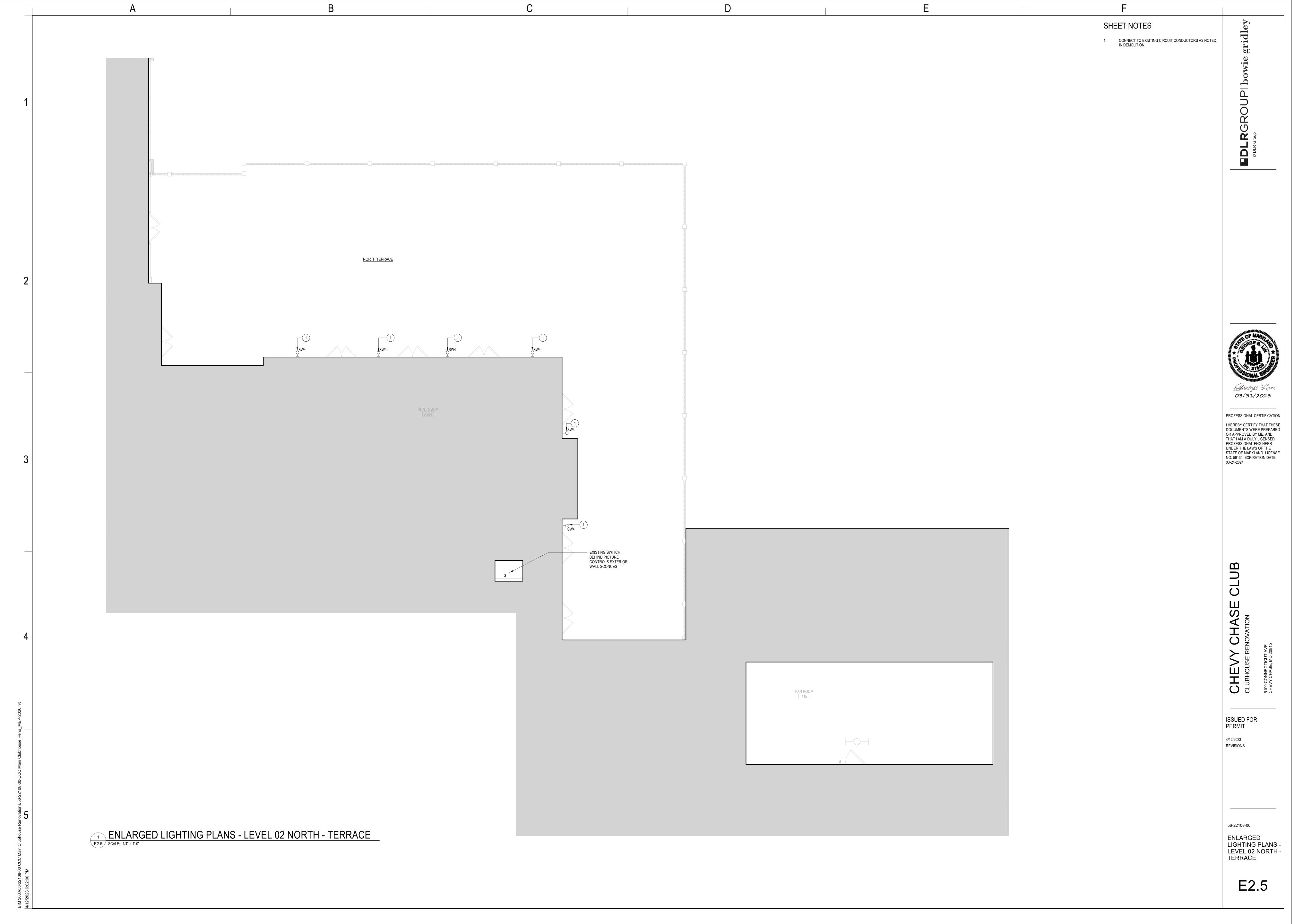
4/12/2023 REVISIONS

ENLARGED
LIGHTING PLANS LEVEL 01 SOUTH TAP RM, CARD
RM, KITCHEN,
AND CANTEEN









							ME	ECH	ANI	CAL EQI	JIPME	NT SCHED	ULE	
NOTES: 1. COORDII 2. 3. 4.	NATE ALI	L VFD REQUIREMENTS	WITH M	ANUFAC	CTURER	OF EQU	IPMENT B	BEING SER	VED.					
ID	NO.	LOCATION	НР	FLA (A)	MCA (A)	MOCP (A)	TOTAL LOAD (VA)	VOLTAGE (V)	PHASE	DISCONNECT	STARTER	CIRCUIT NUMBER	CIRCUIT	NOTES
AIR HANDLIN	G UNIT						(47.4)					OIROOTI NOMBER	OINCOIT	
AC-1-AC	112A	TOILET CORRIDOR	5	22.5	28	50	8,106	208	3	NEMA 1 NFS 60A	DIV 23 CTRLS	RECONNECT TO EXISTING CKT	3#10 + 1#10 GND, 3/4"C	RECONNECT TO EXISTING CKT
AC-2	001	MECH RM #2	7.5	55.7	69.5	110	20,067	208	3	NEMA 1 NFS 100A	DIV 23 CTRLS	PB-C-1,3,5	3#6 + 1#6 GND, 1"C	(2) FANS @7.5 HP
AC-3	001	MECH RM #2	3	15.7	19.6	30	5,656	208	3	NEMA 1 NFS 30A	DIV 23 CTRLS	PBC-32,34,36	3#10 + 1#10 GND, 3/4"C	
HV-3	008M	MECH RM #5	10	74.8	93.5	150	26,948	208	3	NEMA 1 NFS 200A	DIV 23 CTRLS	PBD-1,3,5	3#3 + 1#6 GND, 1 1/4"C	(2) FANS @10 HP
HV-4	008M	MECH RM #5	7.5	28.5	35	60	10,268	208	3	NEMA 1 NFS 60A	DIV 23 CTRLS	PBB-32,34,36	3#8 + 1#10 GND, 3/4"C	USE EXIST CONDUIT.
KITCHEN EXI	HAUST FAI	V												
KEF-1	415	FAN ROOM	15	46.2	57.8	100	16,644	208	3	VIA VFD	NEMA 3	P2B -22,24,26	3#6 + 1#8 GND, 1"C	
KEF-2	A398	STAIR #2	5	16.7	20.9	40	6,016	208	3	NEMA 3R NFS 60A	NEMA 1	PAD-7,9,11	3#10 + 1#10 GND, 3/4"C	
MAKEUP AIR	UNIT													
MAU-1	A366	STAIR #3	0	8.3	10.4	15	2,997	208	3	NEMA 3R NFS 30A	DIV 23 CTRLS	PAD-1,3,5	3#12 + 1#12 GND, 3/4"C	
RCU														
RCU-1			0	12	15	20	1,440	120	1	NEMA 3R NFS 30A		PK5-35	2#12 + 1#12 GND, 3/4"C	REMOTE CONDENSING UNIT 8.1 TO REFRIG. BASE. SEE FOOD SVC SPECS AND DRAWINGS.

2#12 + 1#12 GND, 3/4"C

LIGHTING FIXTURE SCHEDULE

NOTES:

1. CONTRACTOR MUST PROVIDE ALL REQUIRED COMPONENTS TO ENSURE A FULLY FUNCTIONAL SYSTEM

2. CONTRACTOR TO VERIFY FIXTURE VOLTAGES AND DIMMABLE DRIVER PROTOCOLS WITH CONTROL SYSTEM REQUIREMENTS PRIOR TO ORDERING

3. CONTRACTOR TO FIELD VERIFY LENGTHS (IF LINEAR) AND QUANTITIES OF FIXTURES PRIOR TO ORDERING

4. CONTRACTOR TO LOCATE ALL REMOTE POWER SUPPLIES / DRIVERS IN A WELL VENTILATED AND SAFELY ACCESSIBLE LOCATION HIDDEN FROM VIEW

5. CONTRACTOR TO ALLOCATE AT LEAST 6-8 WEEKS FOR LIGHT FIXTURE PROCUREMENT TIME

6. * OPCI = "OWNER PURCHASED / CONTRACTOR INSTALLED" AND CPCI = "CONTRACTOR PURCHASED / CONTRACTOR INSTALLED"

		ALLOCATE AT LEAST 6-8 WEEKS FOR LIGHT FIXTURE PROCUREME PURCHASED / CONTRACTOR INSTALLED" AND CPCI = "CONTRACTO"	OR PURCHASED / CONTRAC										
TYPE	* ODCI / CDC/	CONSTRUCTION DESCRIPTION	PR(DDUCT MODEL	CONSTRUCTION MOUNTING	LIGHT SOURCE	Color Temperature	BALLAST/DRIVER	VOLT	WATTS	FOOT	EMERGENCY COMPONENT	NOTE
DP1	* OPCI / CPCI	DECORATIVE PENDANT LIGHT PER INTERIOR DESIGNER IN CORRIDOR TOILET ROOMS	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	PENDANT MOUNTED	LED RETROFIT LAMP	(Text) 3000K-1800K	INTEGRAL TO LAMP	120 V	50 W	FOOT	COMPONENT	
DP2	OPCI	50"L X 10"H X 11" D DECORATIVE PENDANT PER INTERIOR DESIGNER ABOVE BAR IN TAP RM/CARD ROOM	URBAN ELECTRIC	BRAMSHILL SERIES	PENDANT MOUNTED	LED RETROFIT LAMP	3000K-1800K	INTEGRAL TO LAMP	120 V	21 W			
DP3 DP4	OPCI OPCI	DECORATIVE PENDANT PER INTERIOR DESIGNER IN CORRIDOR ENTRY AREA DECORATIVE PENDANT LIGHT PER INTERIOR DESIGNER IN TAP RM/CARD RM	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	PENDANT MOUNTED PENDANT MOUNTED	LED RETROFIT LAMP LED RETROFIT LAMP	3000K-1800K 3000K-1800K	INTEGRAL TO LAMP		50 W 100 W			
DP5 DP6	OPCI OPCI	DECORATIVE PENDANT LIGHT PER INTERIOR DESIGNER IN VESTIBULE 100 DECORATIVE PENDANT PER INTERIOR DESIGNER IN CORRIDOR ENTRY AREA	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER		LED RETROFIT LAMP LED RETROFIT LAMP	3000K-1800K 3000K-1800K	INTEGRAL TO LAMP INTEGRAL TO LAMP		75 W 75 W			
DP7 DP8	OPCI OPCI	60"W X 49.5"H X 60"D IRON CHANDELIER PER INTERIOR DESIGNER DECORATIVE PENDANT PER INTERIOR DESIGNER IN SUN ROOM	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	PENDANT MOUNTED	LED RETROFIT LAMP LED RETROFIT LAMP	3000K-1800K 3000K-1800K	INTEGRAL TO LAMP INTEGRAL TO LAMP		100 W 100 W			
DW1	OPCI	DECORATIVE SCONCES FLANKING MIRROR IN CORRIDOR TOILET ROOM	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	LED RETROFIT LAMP	3000K-1800K	INTEGRAL TO LAMP	120 V	32 W			
DW2	OPCI OPCI	DECORATIVE SCONCES PER INTERIOR DESIGNER AT MENS LOCKER ROOM VANITIES	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED SURFACE WALL	LED RETROFIT LAMP	3000K-1800K 3000K-1800K	INTEGRAL TO LAMP	120 V	32 W			
DW3	OPCI	DECORATIVE SCONCES PER INTERIOR DESIGNER IN SUN ROOM	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	MOUNTED SURFACE WALL	LED RETROFIT LAMP (1) CLEAR LED CANDELABRA		INTEGRAL TO LAMP	120 V	32 W			
DW4 DW5	OPCI	DECORATIVE WALL SCONCE PER INTERIOR DESIGNER CUSTOM 30" LONG HARDWIRED DECORATIVE LED ART LIGHT	JOHN ROSELLI HOUSE OF TROY	TBD BY INTERIOR DESIGNER TBD BY INTERIOR DESIGNER	MOUNTED SURFACE WALL	LAMP INTEGRAL LEDS	3000K	TBD	120 V 120 V	50 W	5		
DW6	OPCI	42" CORD-AND-PLUG DECORATIVE LED ART LIGHT	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	MOUNTED SURFACE WALL	INTEGRAL LEDS	3000K	TBD	120 V	0 W	5		
	OPCI				MOUNTED		3000K-1800K						CONTRACTOR TO SIZE REMOTE
DW7		DECORATIVE SCONCES FLANKING MIRROR IN CORRIDOR TOILET ROOM	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	LED RETROFIT LAMP		INTEGRAL TO LAMP	120 V	32 W			DIMMING DRIVERS TO POWER THE MOST QUANTITY OF RUNS WITH THE FEWEST DRIVERS
DW8	OPCI	DECORATIVE SCONCES IN TERRACE ROOM	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	LED RETROFIT LAMP	3000K-1800K	INTEGRAL TO LAMP	0 V	0 W			
DW9	OPCI	DECORATIVE SCONCES IN MARYLAND ROOM	TBD BY INTERIOR DESIGNER	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	LED RETROFIT LAMP	3000K-1800K	INTEGRAL TO LAMP	0 V	0 W			
ETR	CPCI						3000K			0 W			CONTRACTOR TO SIZE REMOTE
FS1		CORNER MTD LED LINEAR ACCENT FOR SHELVES	TARGETTI	DL-ES-30-I-30-HC-24 LED STRIP LIGHT WITH P03F-S-PF-300 CORNER MOUNT EXTRUSION, P03F-A-EC END CAPS, AND P03F-A-MC MOUNTING CLIPS		INTEGRAL LEDS		REMOTE DIMMING DRIVER	120 V	15 W			DIMMING DRIVERS TO POWER THE MOST QUANTITY OF RUNS WITH THE FEWEST DRIVERS
FS2	CPCI	SURFACE MOUNTED UNDERCOUNTER LED TASK LIGHT WITH LOCAL TOGGLE CONTROL SWITCH AND DARK BROWN FINISH	AMERICAL LIGHTING	ALC2-40-DB	SURFACE MOUNTED	INTEGRAL LEDS	3000K	INTEGRAL DRIVER	120 V	13 W			DIVIVEIXO
FW3	CPCI	SURFACE WALL MOUNTED LED STRIP LIGHT IN STORAGE AREA	KENALL	MLHA5-35-R-MW-1-45L35K-1-1-D V		INTEGRAL LEDS	3500K	INTEGRAL DRIVER	120 V	0 W	12		
RD1A	CPCI	FULLY RECESSED 4.5" ROUND APERTURE WARM-DIM ADJUSTABLE ACCENT LIGHT WITH 35-DEGREE BEAM SPREAD, HONEYCOMB LOUVER, AND	ALPHABET	NU4-RA-WD-20LM-3018-97-35D-H CL-DL-[TRIM AND BEZEL FINISH	RECESSED CEILING	INTEGRAL LEDS	3000K-1800K	TRIAC/ELV	120 V	16 W			
NDIA	ODOL	DIFFUSED LENS	ALITIADET	COLORS PER ARCHITECT]-NC-UNV-ELV1	MOUNTED	INTEGINAL LEDG	20001/ 40001/	DIMMING TO 1%	120 V	10 00			
RD1AE	CPCI	SIMILAR TO TYPE RD1A EXCEPT WITH 12W EMERGENCY EGRESS BATTERY	ALPHABET	NU4-RA-WD-20LM-3018-97-35D-H CL-DL-[TRIM AND BEZEL FINISH COLORS PER ARCHITECT]-NC-UNV-ELV1-EM1 2 NU4-RA-SW-20LM-30K-97-35D-H	RECESSED CEILING MOUNTED	INTEGRAL LEDS	3000K-1800K	TRIAC/ELV DIMMING TO 1%	120 V	16 W		BATTERY BACKUP	
RD1B	CPCI	SIMILAR TO TYPE RD1A EXCEPT WITH STATIC WHITE LED LIGHT SOURCE	ALPHABET	CL-DL-[TRIM AND BEZEL FINISH COLORS PER		INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	16 W			
RD1BE	CPCI	SIMILAR TO TYPE RD1B EXCEPT WITH EMERGENCY EGRESS BATTERY	ALPHABET	ARCHITECT]-NC-UNV-ELV1 NU4-RA-SW-20LM-30K-97-35D-H CL-DL-[TRIM AND BEZEL FINISH COLORS PER ARCHITECT]-NC-UNV-ELV1-EM1	RECESSED CEILING	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	16 W		BATTERY BACKUP	
RD2	CPCI	FULLY RECESSED 1" APERTURE PINHOLE ADJUSTABLE LED DOWNLIGHT WITH 20-DEGREE OPTIC, DIFFUSED LENS, AND HONEYCOMB LOUVER	ALPHABET	2 NU1-RAPH-SW-20LM-30K-90-20D -HCL-DL- TRIM COLOR PER	RECESSED CEILING	INTEGRAL LEDS	3000K	TRIAC/ELV	120 V	46 W			
KU2	CPCI	ACCESSORIES	ALPHADET	ARCHITECT]-NC-UNV-ELV1 NU4-RD-20LM-30K-90-HE40-[BEZ	MOUNTED		3000K	DIMMING TO 1%	120 V	16 W			
RD3		FULLY RECESSED 4.5" ROUND APERTURE STATIC WHITE FIXED DOWNLIGHT	ALPHABET	ARCHITECT]-NC-UNV-ELV1	MOUNTED	INTEGRAL LEDS		TRIAC/ELV DIMMING TO 1%	120 V	16 W			
RD3E	CPCI	SIMILAR TO TYPE RD3 EXCEPT WITH EMERGENCY EGRESS BATTERY	ALPHABET	NU4-RD-20LM-30K-90-HE40-[BEZ EL AND TRIM COLOR PER ARCHITECT]-NC-UNV-ELV1-EM1 2 NU4-RALP-SW-20LM-30K-90-25D	RECESSED CEILING MOUNTED	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	16 W		BATTERY BACKUP	
RD4	CPCI	FULLY RECESSED SHALLOW PLENUM HOUSING LED DOWNLIGHT IN KITCHEN	ALPHABET	HETA-EA-[BEZEL AND TRIM FINISH COLORS PER ARCHITECT]-NC-UNV-ELV1 NU4-RA-WD-1460-3018-97-15-HC	RECESSED CEILING MOUNTED	INTEGRAL LEDS	3000K-1800K	TRIAC/ELV DIMMING TO 1%	120 V	16 W			
RD5		FULLY RECESSED, NARROW BEAM ANGLE, LED ADJUSTABLE ACCENT LIGHT	ALPHABET	L-DL-[TRIM AND BEZEL COLORS PER ARCHITECGT]-NC-UNV-ELV1	RECESSED CEILING MOUNTED	INTEGRAL LEDS		TRIAC/ELV DIMMING TO 1%	120 V	26 W			
RD5E	CPCI	SIMILAR TO TYPE RD5 EXCEPT WITH 12W EMERGENCY BATTERY BACKUP	ALPHABET	NU4-RA-WD-1460-3018-97-15-HC L-DL-[TRIM AND BEZEL COLORS PER ARCHITECGT]-NC-UNV-ELV1-EN 12	RECESSED CEILING MOUNTED	INTEGRAL LEDS	3000K-1800K	TRIAC/ELV DIMMING TO 1%	120 V	26 W			
RD6	CPCI	6" DOWNLIGHT WITH RETROFIT HOUSING IN CANTEEN	ALPHABET	NU6-RA-SW-20LM-30K-90-D50-U NV-ELV1-RET-[TRIM COLOR AND BEZEL COLOR PER ARCHITECT] NU6-RA-SW-20LM-30K-90-D50-U	MOUNTED	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	20 W			
RD6E	0.01	SIMILAR TO TYPE RD6 EXCEPT WITH 12W EMERGENCY BATTERY BACKUP	ALPHABET	NV-ELV1-RET-[TRIM COLOR AND BEZEL COLOR PER ARCHITECT]-EM12		INTEGRAL LEDS	OGGST	TRIAC/ELV DIMMING TO 1%	120 V	20 W		BATTERY BACKUP	
RT1	CPCI	FULLY RECESSED 2X4 LED TROFFER WITH 3800 LUMENS (DELIVERED) AND FROSTED PATTERN 12/0.125" THICK ACRYLIC LENS	METALUX	24-G-R-LD5-38-F125-UNV-L930-C D	MOUNTED	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	61 W			
RT1E	CPCI	SIMILAR TO TYPE RT1 EXCEPT WITH EMERGENCY BATTERY BACKUP	METALUX	24-G-R-LD5-38-F125-UNV-EL14W SD-L930-CD	MOUNTED	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1%	120 V	61 W		BATTERY BACKUP	
RT2	CPCI	FULLY RECESSED 2X2 LED TROFFER WITH 2000 LUMENS (DELIVERED) AND FROSTED PATTERN 12/0.125" THICK ACRYLIC LENS	METALUX	22-G-R-LD5-20-F125-UNV-L930-C D 22-G-R-LD5-20-F125-UNV-EL14W	MOUNTED	INTEGRAL LEDS	3000K	TRIAC/ELV DIMMING TO 1% TRIAC/ELV	120 V	61 W			
RT2E	CPCI	SIMILAR TO TYPE RT2 EXCEPT WITH EMERGENCY BATTERY BACKUP	METALUX	SD-L930-CD	MOUNTED	INTEGRAL LEDS	3000K	DIMMING TO 1%	120 V	61 W		BATTERY BACKUP	
SA1		SURFACE MOUNTED EXTERIOR WET LOCATION RATED LED EXTRUDED LIGHT FIXTURE WITH NARROW (11° OPTICS)	LUMINII	DRAWING]-72SO-3000K-11°-FC-S A-[POWER FEED PER CONTRACTOR]	SURFACE MOUNTED	INTEGRAL LEDS			120 V	0 W	2.8		
SA2	CPCI	STAKE MOUNTED AT GRADE ADJUSTABLE UPLIGHT WITH ELLIPTICAL OPTICS AT SOUTH TERRACE FACADE	BK LIGHTING	K2-LED-C26-WFL-[FINISH COLOR PER	SURFACE MOUNT AT GRADE	INTEGRAL LEDS	3000K		120 V	42 W			
SP1	OPCI	DECORATIVE PENDANT PER INTERIOR DESIGNER AT BASE OF EXTERIOR	TBD BY INTERIOR DESIGNER	ARCHITECT]-12-11-A TBD BY INTERIOR DESIGNER	PENDANT MOUNTED	LED RETROFIT LAMP	3000K		120 V	100 W			
SP2	OPCI	STAIR TO TERRACES CHAIN PENDANT MOUNTED DECORATIVE LANTERN FIXTURE AT WEST ENTRY CANOPY	THE COPPERSMITH	TBD BY INTERIOR DESIGNER		(3) FROSTED LED CANDELABRA LAMPS	3000K	INTEGRAL TO LAMP		100 W			
SW1A	CPCI	SURFACE MOUNTED 2" SQUARE LED STEP LIGHT WITH REMOTE DRIVER AND EMERGENCY BATTERY BACKUP	PURALUCE	STP-1W-24VDC-930-[FINISH COLOR PER ARCHITECT]	RECESSED WALL MOUNTED	INTEGRAL LEDS	3000K	REMOTE DRIVER	120 V	1 W			CONTRACTOR TO SIZE REMOTE DIMMING DRIVERS TO POWER THE MOST QUANTITY
	CPCI	SUDENCE MOUNTED OF SOURCE LED STEP LIQUE METAL DELICATE DE L'ATTENDANCE DE L'ADELLED STEP LIQUE METAL DELICATE DE L'ATTENDE L'ADELLED STEP L'		STD 41M 24MDC 200 (Emmo)	DECESSES W		3000K						OF RUNS WITH THE FEWEST DRIVERS CONTRACTOR TO SIZE REMOTE DIMMING DRIVERS TO
SW1B		SURFACE MOUNTED 2" SQUARE LED STEP LIGHT WITH REMOTE DRIVER AND EMERGENCY BATTERY BACKUP	PURALUCE	STP-1W-24VDC-930-[FINISH COLOR PER ARCHITECT]	RECESSED WALL MOUNTED	INTEGRAL LEDS	No.	REMOTE DRIVER	120 V	1 W			POWER THE MOST QUANTITY OF RUNS WITH THE FEWEST DRIVERS
SW2	OPCI	EXTERIOR WALL SCONCE WITH GAS FLAME LIGHT SOURCE	THE COPPERSMITH	SS-43G SERIES	SURFACE WALL MOUNTED	GAS FLAME	N/A	N/A	120 V	32 W			
SW3	OPCI	EXTERIOR RATED DECORATIVE WALL LANTERN SCONCE, SIMILAR TO TYPE SP2 EXCEPT WITH CUSTOM WALL MOUNT BRACKET INSTEAD OF PENDANT MOUNTING	THE COPPERSMITH	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	(3) FROSTED LED CANDELABRA LAMPS	3000K	INTEGRAL TO LAMP	120 V	32 W			
SW4	OPCI	EXTERIOR RATED DECORATIVE WALL SCONCE	MCLEAN LIGHTING	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	(2) CLEAR LED CANDELABRA LAMPS		INTEGRAL TO LAMP	120 V	32 W			
SW5	OPCI	EXTERIOR RATED DECORATIVE WALL SCONCE	MCLEAN LIGHTING	TBD BY INTERIOR DESIGNER	SURFACE WALL MOUNTED	(2) CLEAR LED CANDELABRA LAMPS		INTEGRAL TO LAMP	120 V	32 W			
X1	CPCI	THERMOPLASTIC EXIT WITH (2) LED LAMP HEADS, NI-CAD BATTERY, SELF DIAGNOSTICS, WHITE HOUSING, AND GREEN LETTERS.	ISOLITE	DCL-G-1-WH-WH-MTEBP TL2-EM-G-1-[FINISH COLOR TO	SURFACE WALL MOUNTED	INTEGRAL LEDS	GREEN		120 V	6 W		BATTERY BACKUP	
X2		THERMOPLASTIC EXIT WITH NI-CAD BATTERY, SELF DIAGNOSTICS, [HOUSING FINISH COLOR TO BE SELECTED BY ARCHITECT], AND GREEN LETTERS.	ISOLITE	BE SELECTED BY ARCHITECT]-MB-SD	MOUNTED	INTEGRAL LEDS			120 V	5 W		BATTERY BACKUP	
Х3	CPCI	THERMOPLASTIC EXIT WITH NI-CAD BATTERY, SELF DIAGNOSTICS, WHITE HOUSING, AND GREEN LETTERS.	ISOLITE	TL2-EM-G-1-WH-MB-SD	SURFACE WALL MOUNTED	INTEGRAL LEDS	GREEN		120 V	5 W		BATTERY BACKUP	



PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED
OR APPROVED BY ME, AND
THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 59134. EXPIRATION DATE

PERMIT 4/12/2023 REVISIONS

56-22108-00

LUMINAIRE AND MECHANICAL EQUIPMENT SCHEDULES