

SULLIVAN'S ISLAND DESIGN REVIEW BOARD

SUBMITTAL APPLICATION (PAGE 1)

PROPERTY ADDRESS: 3024 Brownell Ave PARCEL ID (TMS #): 529-12-001-19

SUBMITTAL DATE: 07/17/2026 MEETING DATE: 09/19/2026

REQUEST: CONCEPTUAL REVIEW: ☒ PRELIMINARY APPROVAL: ☐ FINAL APPROVAL: ☐

DESCRIPTION OF SCOPE OF WORK: New home design on the site containing a historic munitions bunker.

☐ Submittal **outside** of the Historic District, not classified historic, and requests DRB relief.

☒ Submittal is **outside** of the Historic District and designated as a historic resource.

☒ DRB relief requests ☐ No DRB requests

☐ Submittal is **within** the Historic District and is:

☐ designated as Historic Resource ☐ DRB relief requests ☐ No DRB requests

☐ Not designated as a Historic Resource: ☐ DRB relief requests ☐ No DRB requests

DRB SUBMITTAL CHECKLIST: The following items must be included in the submittal for placement on the DRB agenda.

☒ Application fee (*Historic properties: \$116; New constructions: \$1,280; Addition/renovations: \$426; Accessory Structures: \$232*)

☒ Completes and signed submittal application (Page 1). (All submissions)

☒ Zoning Standards Compliance Worksheet (Page 2). (All submissions with relief requests)

☒ Neighborhood Compatibility Worksheet (Page 3). (All submissions with relief requests)

☒ Historic Design Review Worksheet (Page 4). (All submissions involving a designated Historic Resource)

☒ Online submittal through BSA; Town of Sullivan's Island online submittal portal.

☒ One (1) set of drawings, no bigger than 11X17"; Drawings to include:

☒ A current as-built survey, Certified by a S.C. Registered Land Surveyor [1/16" = 1'-0" OR 1" = 20'-0"

Required for all new construction and for work which expands or is outside of an existing building footprint; illustrating the following:

- All applicable Flood Zone information
- Setbacks, property lines and easements
- Spot elevations required to comply with § 21-24
- OCRM Critical Lines, or Baseline and Setback if applicable
- Existing Structures, if applicable

☒ Site Plan [1/16" = 1'-0" OR 1" = 20'-0" scale], illustrating the following:

- Existing structures, if applicable
- Proposed new structures
- All applicable survey information
- Narrative for Scope of Work (all Historic projects)

☒ Floor Plans [1/8" = 1'-0" scale], with the following requirements:

- Exterior dimensions
- Graphically depict the outlines of heated space, covered porches and open decks.
- In the case of renovations and/or additions, the outlines of existing and new construction must also be shown.

☒ Exterior Elevations [1/8" = 1'-0" scale], with the following requirements:

- All exterior materials such as wood, stucco, roofing and / or masonry shall be graphically represented for intent.
- Must be rendered with shadows depicting roof and / or deck overhangs, changes in wall plane, or massing.
- Roof ridge heights to natural grade.
- Finished Floor Elevation (FFE), Lowest Structural Member (LSM), Base Flood Elevation (BFE) to finish grade.
- Detailed descriptions of treatment of all historic materials. (all Historic projects)
- 3-D perspective sketches and / or models, as well as streetscape renderings that include adjacent properties are always encouraged and are **required for submissions with requests for relief, additional coverage, or additional square footage.**
- Historic property assessment and report for all historic resource property applications
- Any relevant photographs or documentation that might be descriptive (of adjacent properties).

OWNER NAME: David Curd ADDRESS: 1882 Peaceful Way, Mt Pleasant, SC

(PROVIDE OWNER'S CONTACT INFORMATION WITH ONLINE SUBMITTAL)

ARCHITECT/DESIGNER: Loyal Architects PHONE NUMBER: 843-732-0502

ADDRESS: 1435 Kinglet St. Mt Pleasant, SC EMAIL: Ross@loyalarchitects.com

CONTRACTOR: TBD PHONE NUMBER: TBD

ADDRESS: TBD EMAIL: TBD

RLR (Initials): I understand that incomplete applications will be rejected.

I (we) submit that the above information is true to the best of my (our) knowledge.

Ross Ritchie

Applicant name (print)

Ross Ritchie

Applicant's signature

If Owner is not the Applicant:

I (we) hereby appoint the person named as applicant as my (our) agent to represent me (us) in this application

David Curd

Owner's signature

Owner's signature

ZONING STANDARDS COMPLIANCE WORKSHEET (PAGE 2)

		Zoning ordinance reference section	Zoning Standard	✓if meets standard	DRB's Max. authority for relief	applicant request for relief	Percent (%) relief requested	Total allowed + requested relief (SF)
SETBACKS	A	21-22 FRONT SETBACK	25 Feet	✓	15%			
	B	21-22 ADDITIONAL FRONT YARD SETBACK	45 above 20'		15%	3'	15%	23'
	C	21-22 SIDE SETBACK	per lot: Enter result: 10' min: 33' comb:	✓	25%			
	D	21-22 SECOND STORY SIDE SETBACK	per lot: Enter result: 20' min: 50' comb:	✓	25%			
LOT COVERAGE	E	21-22 REAR SETBACK	25 feet	✓	N/A	X	X	X
	F	21-25 PRINCIPAL BUILDING COVERAGE	as per formula:enter result 3,562 sf	✓	20%			
	G	21-26 IMPERVIOUS COVERAGE	as per formula:enter result 30% sf maximum	✓	N/A	X	X	X
	H	21-27 PRINCIPAL BUILDING SQUARE FOOTAGE	as per formula:enter result 4,275sf	✓	A: New Construction / Non-historic additions: 15% _____sf (not to exceed 500 sf) B: Historic additions: 20% _____sf C: Historic ADU Special Exceptions:			
DESIGN STANDARDS	I	21-28 THIRD STORY	as per formula:enter result _____sf	N/A	15% _____sf			
	J	21-22 PRINCIPAL BUILDING FRONT FAÇADE	50' feet or, 2/3 lot width (whichever is less)	✓	15%			
	K	21-22 PRINCIPAL BUILDING SIDE FAÇADE	38 feet (wall length) 16 feet within 15 ft x 2 16-in articulations	✓	25%			
	L	21-22 2ND STORY SIDE FAÇADE SETBACK	32 feet (wall length) 6-foot (knee wall) 16-in articulations	✓	25%			
	M	21-30 BUILDING ORIENTATION	towards ocean, excluding marsh and ocean lots	✓	Adjust for Neighborhood Compatiblity			
	N	21-30 BLDG. FOUNDATION HEIGHT	8' to LSM & 9'4" to FFE	✓	1 foot			
	O	21-32 FOUNDATION ENCLOSURE	1/2" space	✓	Adjust for Neighborhood Compatiblity			
	P	21-138 ACCESSORY STRUCTURE	Height (15 to 18) Setback (20)	✓	20% Height (3 ft 6 in) 40%(4')			

NEIGHBORHOOD COMPATIBILITY WORKSHEET (PAGE 3)

Have you reached out to the neighbors to get their feedback on the proposed plans? Yes: ☒ No: ☐

In accordance with the Sullivan's Island Zoning Ordinance, Section 21-111, the DRB shall only grant modifications of the Zoning Ordinance standards if the design is compatible with the surrounding neighborhood. **See the DRB application [submittal guidance document](#) for additional information for filling in this form.** Lot area: 24,957sf Highland lot area: _____sf (if applicable)

Principal Building Square Footage (21-27): Existing SF: _____ Standard SF: _____ Proposed SF: _____

NO REQUEST

Principal Building Coverage (21-25): Existing SF: _____ Standard SF: _____ Proposed SF: _____

NO REQUEST

Front/Side/2nd-Story Building Setbacks (21-22): Standard, combined 20' Proposed, combined 23', min _____

We are requesting a 3' increase to the front envelope height due to further preserving the designated historic Battery 520 bunker, consistent with the Design Review Board's previous guidance, requiring the residence to be located entirely in front of the historic structure. This preservation-driven constraint shifts the home forward, using less than a 1/3 of the site which necessitating a modest shift of the living spaces toward Brownell Avenue. The requested relief is the minimum necessary to protect the historic resource while achieving a functional, code-compliant design and remains compatible with the streetscape, where the existing adjacent residence is a closer, nonconforming structure.

Second Story Side Façade Setback (21-22): Requested relief: _____

NO REQUEST

Principal Building Side Façade Setback (21-22): Requested Relief: _____

NO REQUEST

Other (circle any that apply):

Third Story, Principal Building Front Façade, Building Orientation, Building Foundation Height, Foundation Enclosure, or Accessory Structure: _____

NO REQUEST

REQUEST FOR HISTORIC DESIGN REVIEW (PAGE 4)

Do you propose any exterior changes to the historic structure? Yes: _____ No: ✓
If you answered "yes", please provide a detailed explanation and sequence of the work below:

Section 21-97. C Historic Preservation Standards:

Submit in writing and be prepared to describe how your project is consistent with the following ten preservation standards, and the most recent version of the Secretary of Interior's Guidelines for the Treatment of Historic Properties. ****On your elevation drawings show all existing conditions and proposed changes. Detail existing materials and highlight all new and preserved architectural and structural elements.**

<https://www.nps.gov/tps/standards/treatment-guidelines-2017.pdf>

- (a) Using a property as it was used historically or giving a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships;
- (b) Retaining and preserving the historic character of a property; avoidance of the removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property;
- (c) Avoiding changes that create a false sense of historical development, such as adding conjectural features or elements from other buildings;
- (d) Retaining and preserving changes to a property that have acquired historic significance in their own right;
- (e) Preserving distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property;
- (f) Repairing rather than replacing deteriorated historic features; or 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;
- (g) Utilizing the gentlest means of chemical or physical treatments;
- (h) Protecting and preserving the archeological resources in place, and if disturbing, mitigation measures will be undertaken;
- (i) Not destroying historic materials, features, and spatial relationships that characterize the property; differentiating the new work from the old and making it compatible with the historic materials, features, size, scale, and proportion, and massing to protect the integrity of the property and its environment; and,
- (j) Undertaking new construction 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.

See following sheet.

(Please use extra sheet as needed)

3024 Brownell

The proposed design is founded on the principle that Battery 520 is both a historic structure and a historic landscape. Rather than adapting the bunker itself into modern living space, the design preserves its defining character by locating new construction outside the historic structure, minimizing intervention, and allowing the earthwork to remain the primary expression of the site. The new residence is intentionally contemporary yet restrained, preserving the distinction between historic and new construction while ensuring the historic resource remains clearly legible.

The proposal retains the property's historic character by preserving the bunker, its earth-covered form, original entrances, reinforced concrete construction, and the spatial relationship between the structure and the surrounding landscape. The design of Lot C draws inspiration from the Colonial Caribbean influences long associated with Sullivan's Island's residential architecture. Simple rectilinear stucco volumes, broad porches, sheltered courtyards, and a low-sloped hipped roof reinterpret these traditional forms in a contemporary manner, creating a home that is rooted in the island's architectural heritage without replicating historic buildings. This approach produces architecture that is compatible with its historic setting, complements the military landscape of Battery 520, and avoids creating a false sense of historical development or competing with the historic resource.

The residence is designed to touch the historic resource as lightly as possible, avoiding unnecessary demolition or invasive modification of the bunker. Archaeological resources remain protected in place, and the new construction is compatible in size, scale, massing, and proportion while remaining clearly distinguishable from the historic military structure. Most importantly, the project is fundamentally reversible: if removed in the future, the essential form, earthwork, and integrity of Battery 520 would remain intact and readily understood as one of Sullivan's Island's most significant surviving World War II military resources.