

FORGE OVERLOOK
PURPOSE BUILT STUDENT HOUSING
PATTERN BOOK

4100 Maple Avenue Halethorpe, MD PAI#13-0239 MAJ-2020-00010 September 20, 2022

### **Developer**

Rock Realty, LLC 6800 Deerpath Road, Suite 100 Elkridge, MD 21075 Contact: James Fraser

### **Civil Engineer // Landscape Architect**

Bohler Engineering VA, LLC
901 Dulaney Valley Road, Suite 801
Towson, MD 21204
Contact: Brandon Rowe, Matthew Pohlhaus

### **Attorney**

Smith, Gildea & Schmidt 600 Washington Avenue, Suite 200 Towson, MD 21204 Contact: Jason T. Vettori

### **DEVELOPMENT TEAM**

#### **Architects**

Henneman + Associates 10705 Charter Drive, Suite 440 Columbia, MD 21044 Contact: Jeff Henneman

Mangan Group Architects
7034 Carroll Ave #3
Takoma Park, MD 20912
+
KTGY
8609 Westwood Ctr. Dr. Suite 600
Tysons, VA 22182

#### **Builder for Townhomes**

Tennar
7035 Albert Einstein Drive, Suite 200
Columbia, MD 21046
Contact: Dinko Milijkovic

Forge Overlook Purpose Built Student Housing 4100 Maple Avenue, Halethorpe MD 9/20/22

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#### Note

The elevations and plans contained herein are preliminary schematic representation and guidelines only.

They are subject to modifications as circumstances warrant.

It is intended that this development will be constructed in a manner consistent with the representations herein, while recognizing that modifications may be re-quired as the project evolves to final design.

The Director of the Office of Planning shall have discretion to administratively approve non-material modifications to the Plan and Pattern Book.

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## PROJECT OVERVIEW

Forge Overlook is a proposed Purpose Built Student Housing Project located on Route 1 (Washington Boulevard) in Halethorpe, Maryland. The project is the second phase of a site development. The first phase, to the north, is planned as future for-sale townhomes. Forge Overlook, the second phase, will be located at the eastern corner of the site, fronting Route 1, and is intended to be developed as Purpose Built Student Housing. The property is in the B.R. zoning (Business, Roadside) where Purpose Built Student Housing is a use permitted "by right". The parcel to the south across Route 1 is also zoned B.R. zoning. Adjacent to the site, on the north side is zoned D.R.5.5 (Density, Residential, 5.5 dwelling units per acre). On the north east side the zoning is M.L. (Manufacturing, Light).

The site is located within 3 miles from the University of Maryland Baltimore County campus. This project, as Purpose Built Student Housing, will help to alleviate a dearth of much needed student housing in the area. Currently there is limited on-campus housing, especially for graduate students and faculty. This site, with its proximity to campus and access to UMBC's free shuttle service, is an ideal candidate for serving the student community.

The proposed development will be entered off Route 1 onto Avalon Ridge Road which runs through the middle of Forge Overlook and continues to the north to the townhouse community. The proposed Purpose Built Student Housing will consist of apartment buildings and townhouses that will flank the entrance road, Avalon Ridge Road. A proposed bus shelter is located off of Avalon Ridge Road between the last row of townhomes across from Building B and there will also be a stop located on the other side of Avalon Ridge Road at the entry to Building B under the covered portico.

The project will include a diversity of building types including four (4) story apartment buildings comprised of one, two, and three bedroom units. The apartment buildings will have four (4) stories with center corridors and are served by elevators with convenient access to surface parking lots. Fifteen (15) townhomes, three (3) stories will each have 4 bedrooms and 4 baths and thirty one (31) townhomes in the adjacent parcel to the north will serve as faculty housing.

To support the student community, there will be various interior amenity spaces including a leasing center with private offices, a lounge area, a co-working space with conference room and individual "zoom" rooms, a pet spa, package room, and a fitness center and restrooms. Outdoor amenity spaces will include pathways to connect the buildings for a pedestrian friendly setting

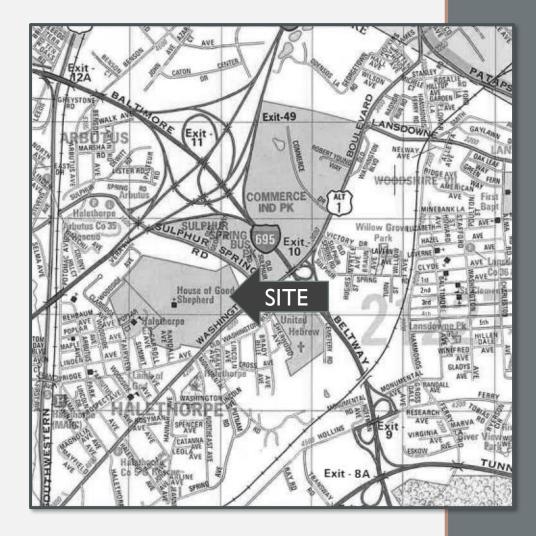
and connection to the community. An outdoor amenity area will have passive and active recreation spaces and a variety of paved seating areas as well as grills for cookouts and small group seating with fire tables for evening social interaction. A grass "game" lawn will provide an outdoor recreation area and a water wall will provide visual interest which will also buffer traffic noise. An outdoor trellis will provide a shaded area for seating.

The proposed elevations of the buildings will have a mix of stone veneer, brick and vinyl siding in colors consistent with the other buildings on the site and the adjacent neighborhood. The project will be compatible in style, height, and massing with the neighborhood. Also, the proposed project is slated to be certified through a national "green" rating system, i.e. NGBS (National Green Building Standard) or LEED.

In summary, this new community will make a significant contribution to improving and supporting the neighborhood. This proposed development will provide much needed student housing that engages the public and provides connections to the neighborhood via attractively landscaped pathways with pockets of visual interest through well designed exterior spaces. Buildings along Route 1 will reinforce the street while parking will be screened behind the buildings away from Route 1. The proposed improvements will increase the "livability" of the area, so that individuals, who live, work and attend school there will have an enjoyable experience.

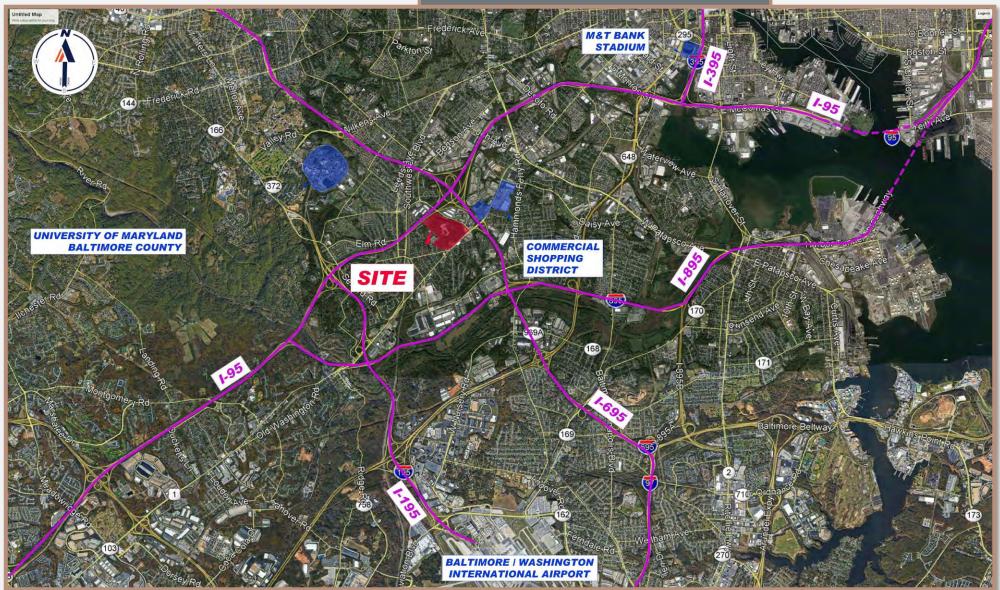


### SITE INFORMATION



Site Address	4100 Maple Avenue
	Halethorpe, MD 21227
Acreage:	11.63 AC
Current Zoning:	ML, DR 2, DR 5.5, BR
Existing Land Use:	Abandoned School Facility
Proposed Use Land Use:	Purpose Built Student Housing (PBSH)
Election District:	13th
Councilmanic District:	District I
ADC Map Location:	42 B 8; 4983 A I
Parcel Numbers:	0393
Тах Мар:	0109
Watershed:	Patapsco River
Regional Planning District:	Arbutus/Landsdowne
Schools:	Halethorpe Elementary
	Arbutus Middle
	Landsdowne High

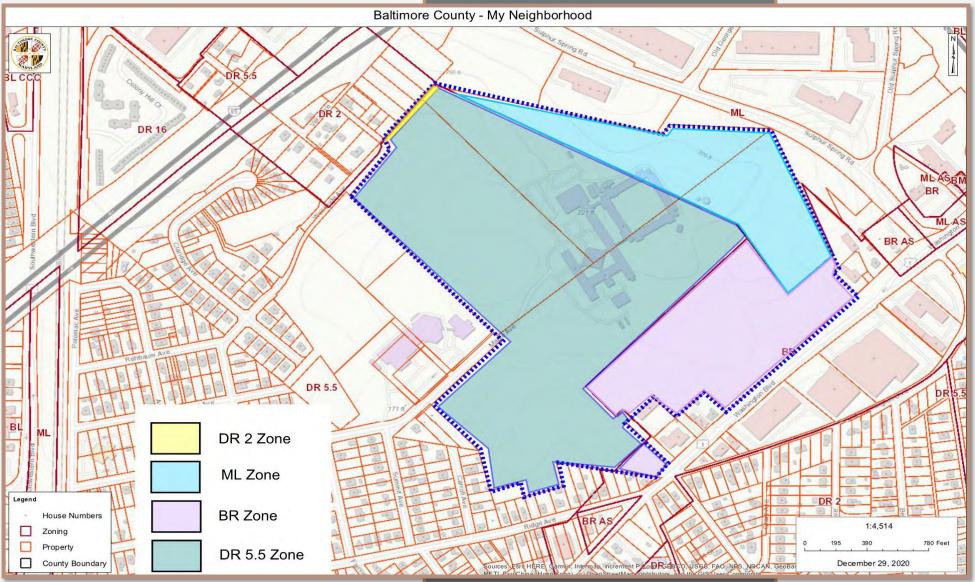
### LOCATION EXHIBIT



## SITE AERIAL



### **ZONING MAP**



## PHOTO LOCATION KEY



















































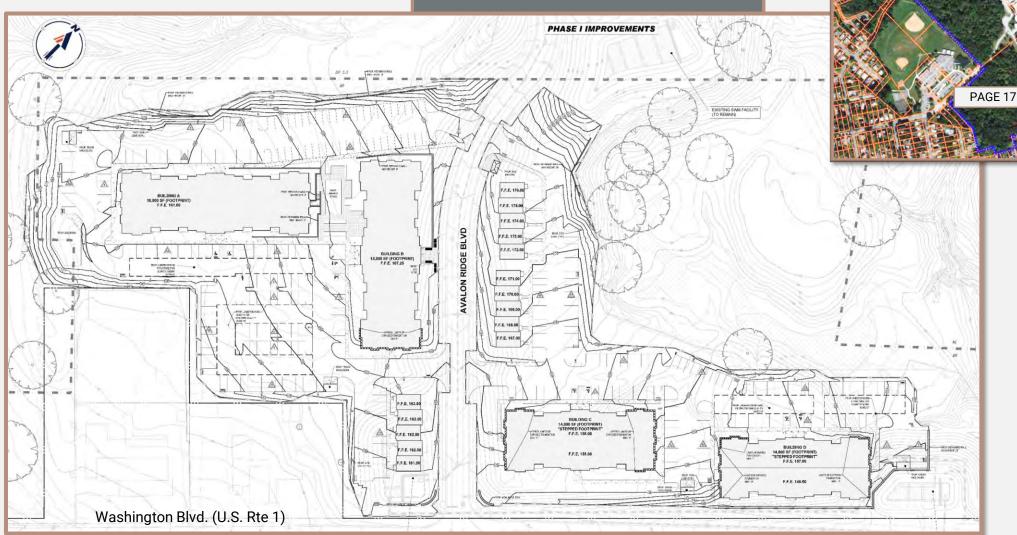








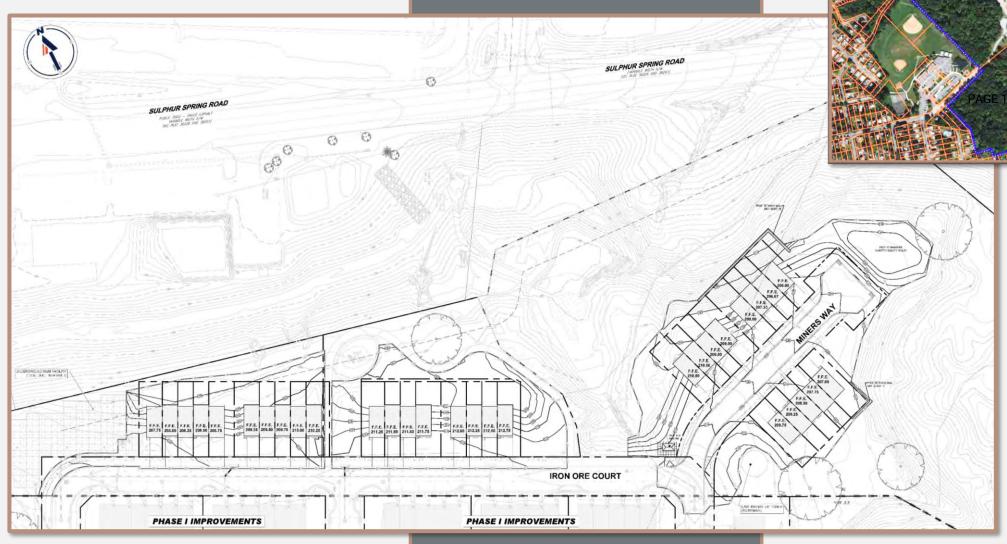
### SITE AND GRADING PLAN





Key Map

## SITE AND GRADING PLAN





PAGE 18

Key Map

### LANDSCAPE PLAN PAGE 19 18,000 SF (FOOTPRINT) F.F.E. 161.00 Key Map BUILDING BO (FOOTPRINT) F.F.E. 167.25 LANDSCAPE SCHEDULE SYM. KEY QTY. BOTANICAL NAME COMMON NAME SHADE TREES SWAMP WHITE OAK QBC WILLOWOAK ORNAMENTAL TREES "STEPPED FOOTPRINT" BUILDING D 14.800 SF (FOOTPRINT) LAGERSTROEMIA INDICA "STEPPED FOOTPRINT" SUBTOTAL: EVERGREEN TREES Washington Blvd. (U.S. Rte 1 PSEUDOTSUGA DOUGLAS FIR 6-7' B+B



NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN THE AMOUNTS SHOWN IN THE

EMERALD GREEN ARBORVITAE

SHAMROCK INKBERRY HOLLY

24-30" #5 CAN

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TOE EVERGREEN SHRUBS

IGS

Forge Overlook Purpose Built Student Housing 4100 Maple Avenue, Halethorpe MD 9/20/22

# LANDSCAPE PLAN PAGE 20 SULPHUR SPRING ROAD PUBLIC ROAD — PAVED ASPHALT VARIABLE WIDTH R/W SRC PLAT 36526 AND 38267) Key Map (IRONORE COURT .) IRON ORE COURT **PROPOSED PHASE II** Forge Overlook

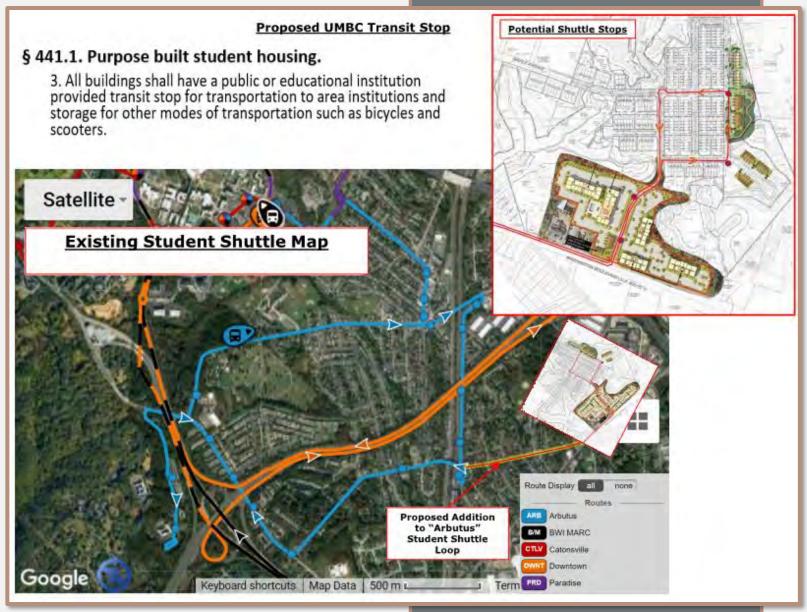


### CONNECTIVITY EXHIBIT



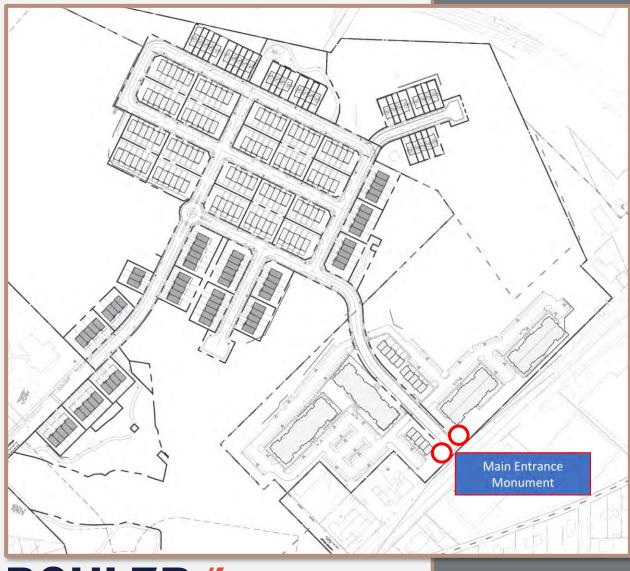


### **BUS CIRCULATION**



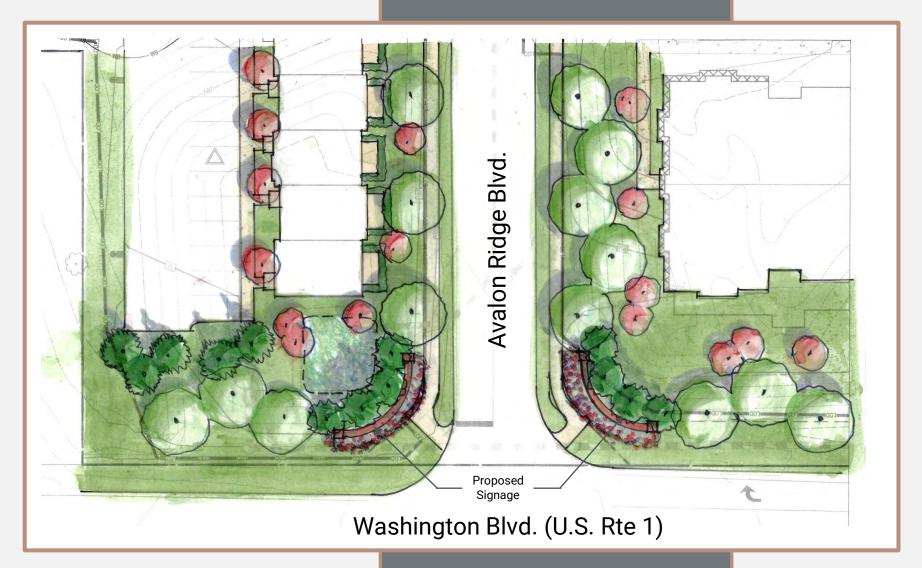


# ENTRANCE SIGNAGE LOCATION



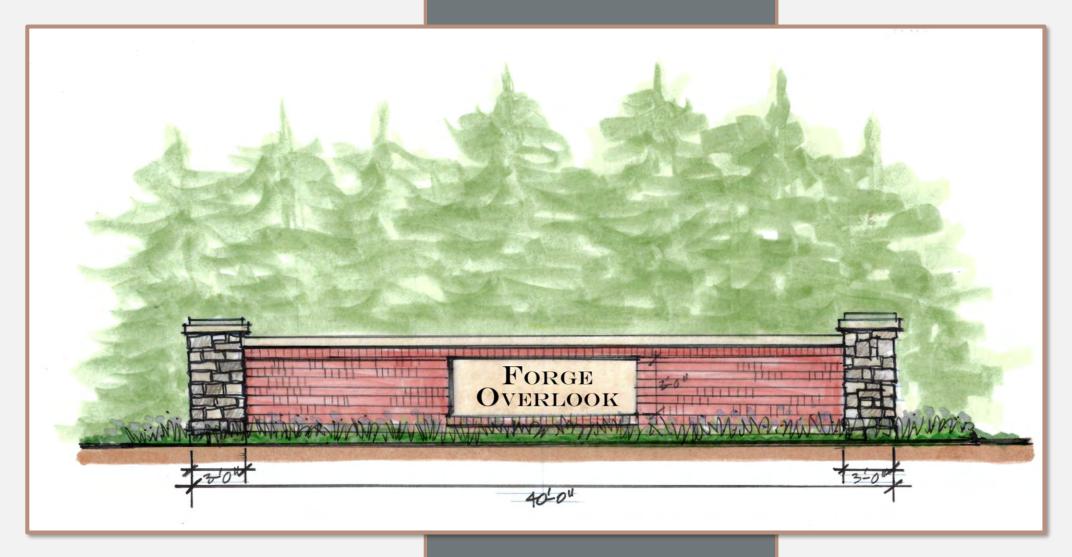


### SITE ENTRANCE STREETSCAPE



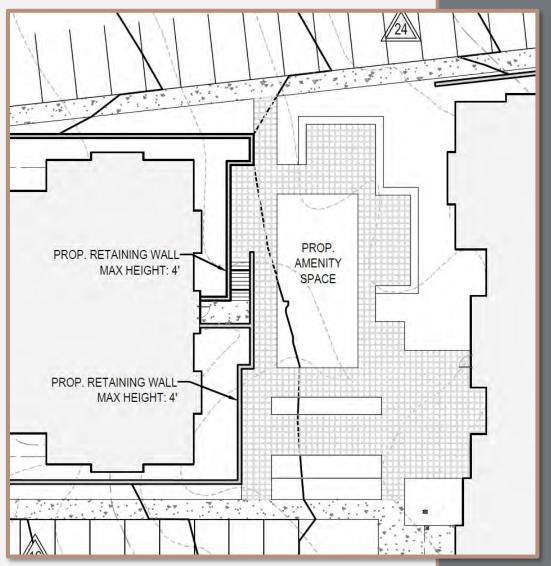


### SIGNAGE DETAILS





### PRIVATE COURTYARD







### PRECEDENT IMAGES



TRELLIS/PERGOLA





WATER WALL



**WATER WALL** 

### PRECEDENT IMAGES



**FLEXIBLE SEATING** 



**LOUNGE SEATING** 



DOG WALKING STATIONS

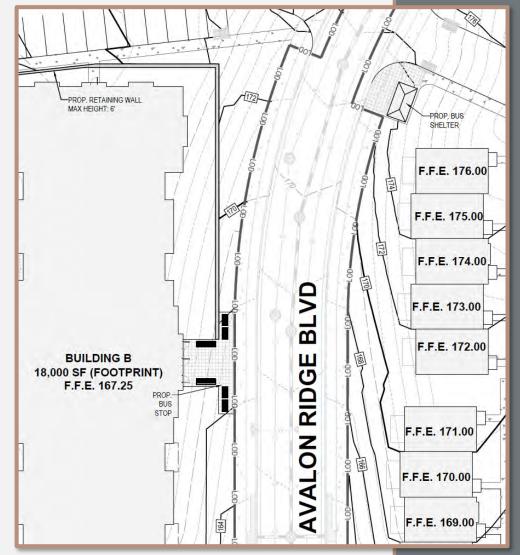


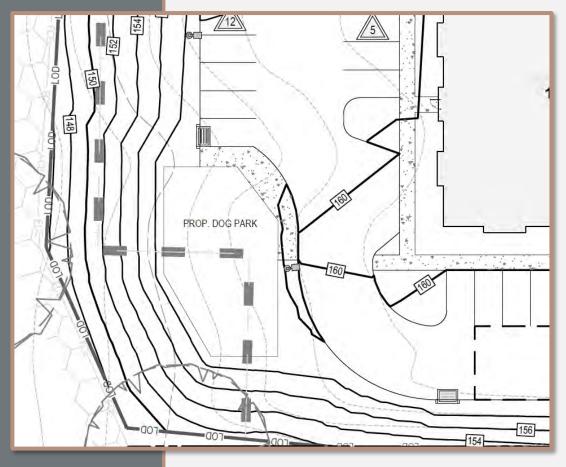
PROGRAM TURF AREA



PROGRAM GAMES AREA

Forge Overlook
Purpose Built Student Housing
4100 Maple Avenue, Halethorpe MD
9/20/22





DOG PARK

BUS SHELTER + BUS STOP LOCATIONS



### PRECEDENT IMAGES





**BUS SHELTER PRECEDENT IMAGES** 



### SITE DETAILS

### **FENCING**

2-RAILVINYL FENCE – INTERIOR

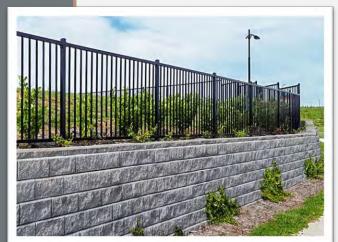


KEYSTONE WALL & 42" ALUMINUM SAFTEY FENCE





4-RAILVINYL FENCE – PROPERTY LINE



42"ALUMINUM SAFETY & PLAYGROUND FENCE



### SITE LIGHTING





## ARCHITECTURAL LIGHTING

#### OST17080I

Outskirt Flush Mount Oil Rubbed Bronze

> Exterior Light at Entry of Townhomes



Exterior Emergency Lighting



WSR LED
Architectural Wall Sconce









Inverted available with WLU option only.

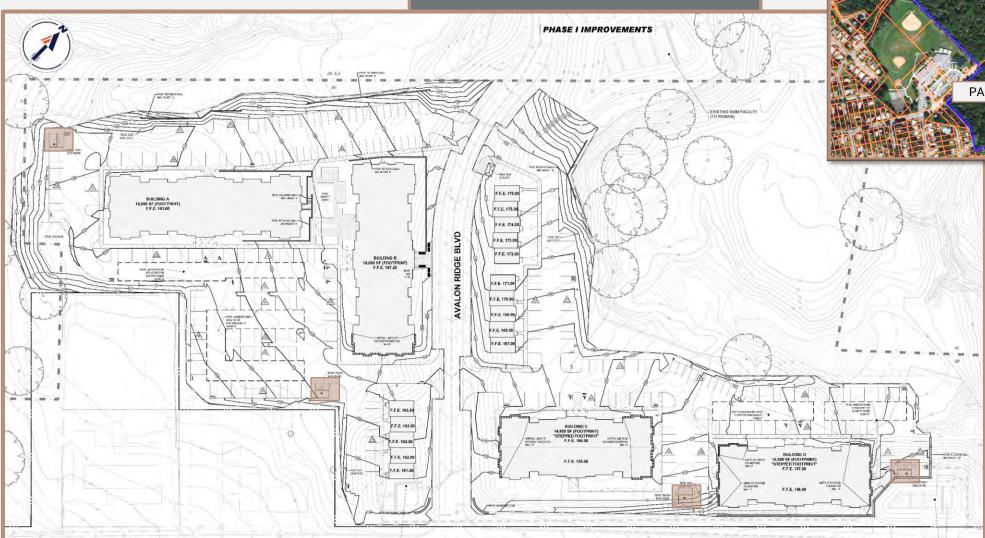
Cylinder 3000K LED 7" Wall Light Textured Black 11250BKT30 (Textured Black)

Exterior Light at Main Entrances





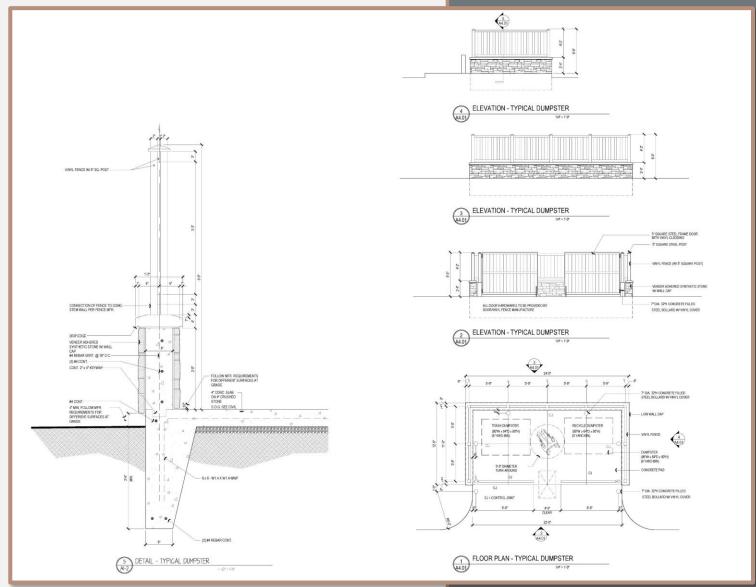
## DUMPSTER ENCLOSURE LOCATIONS





Key Map

### **DUMPSTER ENCLOSURE**







ARCHITECTURAL DESIGN ELEMENTS

### FORGE OVERLOOK



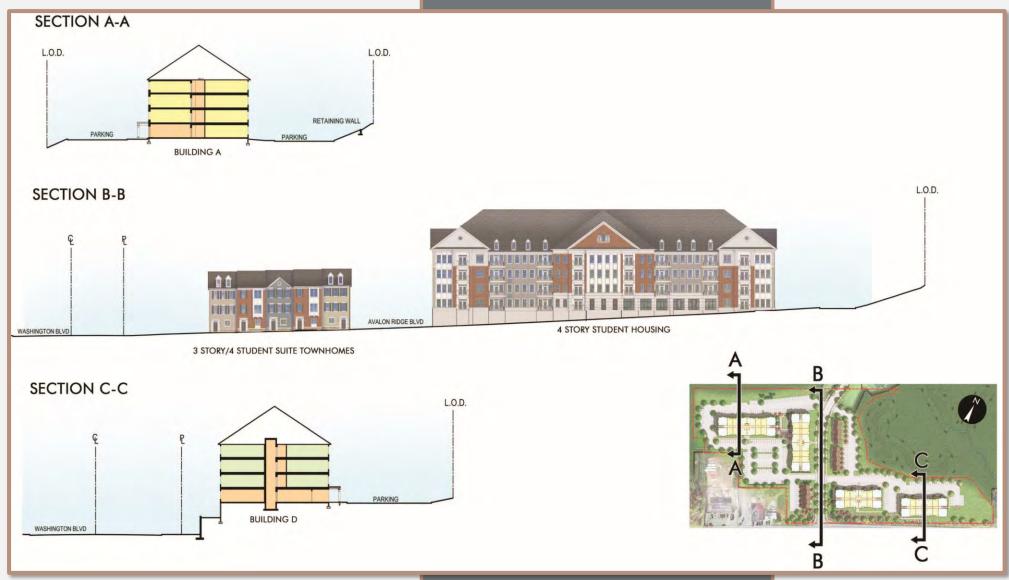
## PURPOSE BUILT STUDENT HOUSING SITE PLAN



### OVERALL COMMUNITY SITE PLAN



### SITE SECTIONS

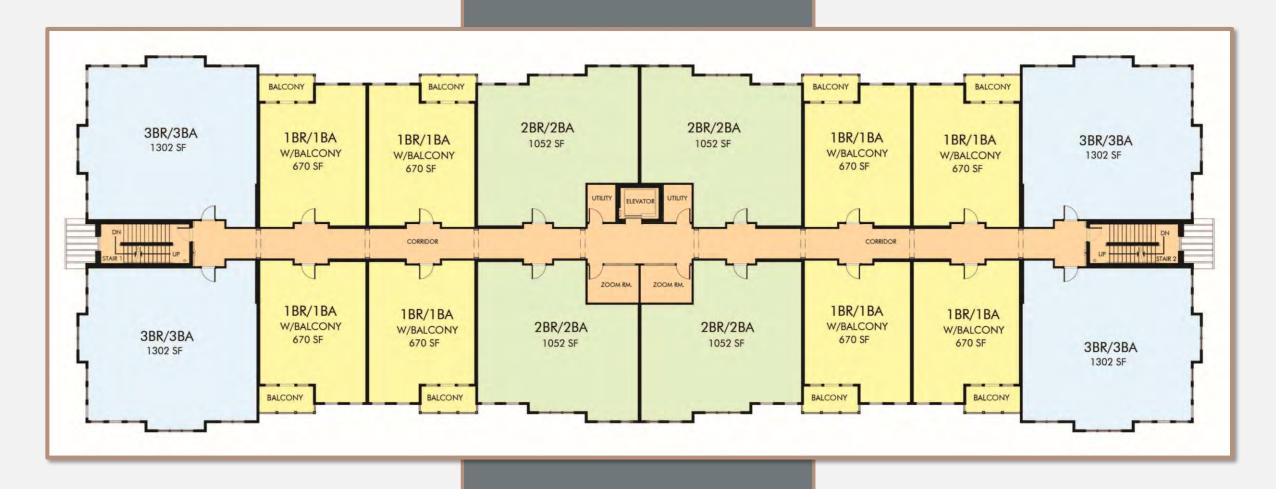


# FLOOR PLAN BUILDING B GROUND LEVEL





# FLOOR PLAN BUILDING B TYPICAL LEVEL



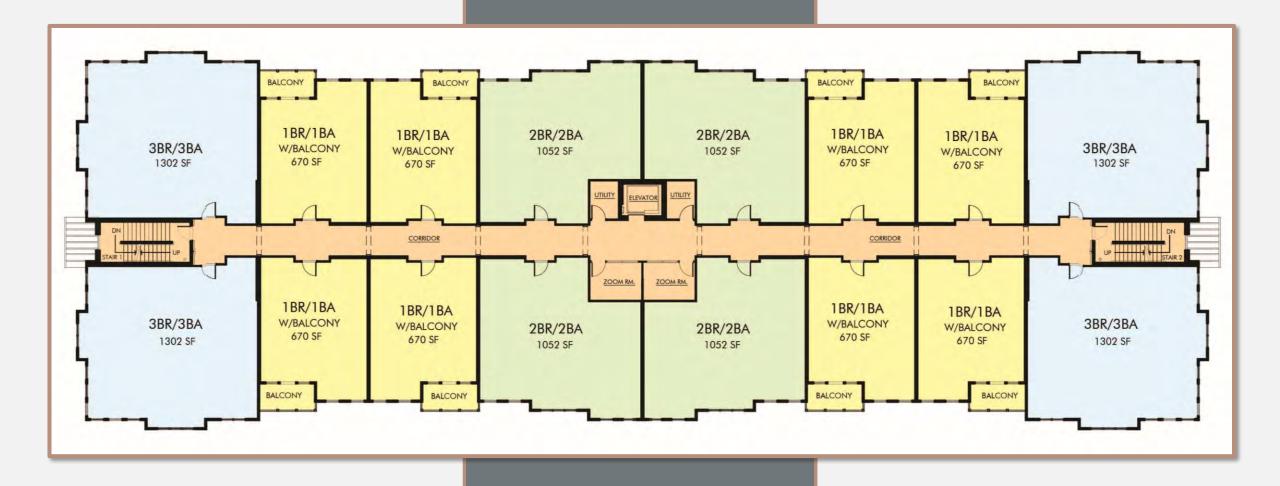


### FLOOR PLAN BUILDING A GROUND LEVEL





# FLOOR PLAN BUILDING A TYPICAL LEVEL

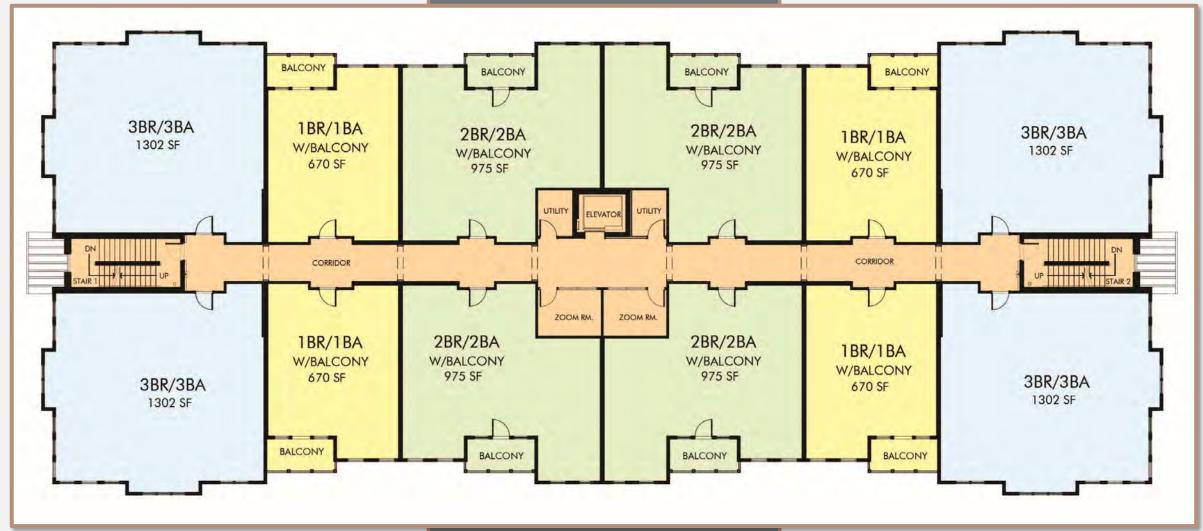




### FLOOR PLAN BUILDING C+D GROUND LEVEL



#### FLOOR PLAN BUILDING C+D TYPICAL LEVEL



### TOWNHOMES ALONG AVALON RIDGE BLVD

#### TYPICAL 3 STORY/ 4 SUITE TOWNHOME





# FRONT ELEVATION BUILDING B



# REAR+SIDE ELEVATION BUILDING B





# FRONT ELEVATION BUILDING A



# REAR+SIDE ELEVATION BUILDING A





# FRONT ELEVATION BUILDING C+D



# REAR+SIDE ELEVATION BUILDING C+D





# TOWNHOMES ALONG AVALON RIDGE BLVD

### FRONT ELEVATIONS



## TOWNHOMES ALONG AVALON RIDGE BLVD

#### SIDE+REAR ELEVATIONS







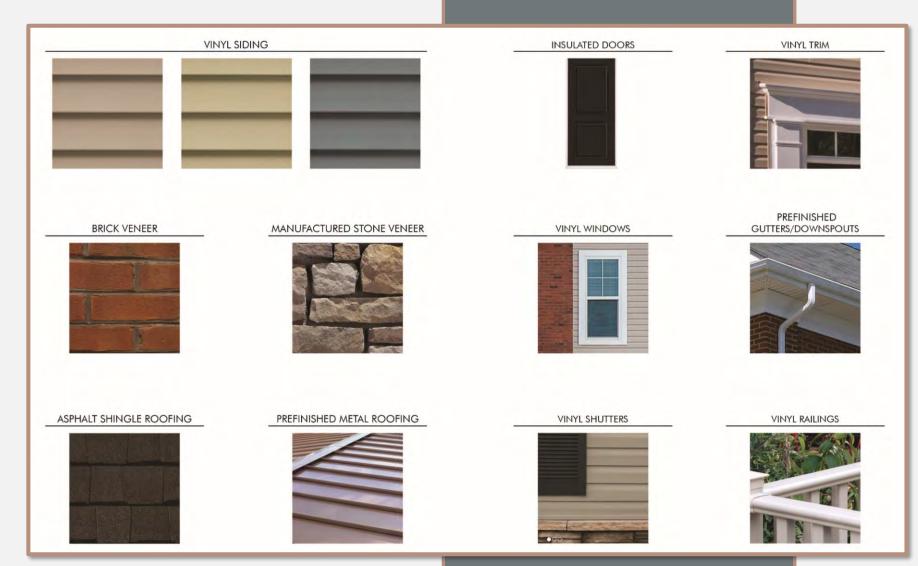
# MASSING STUDY LOOKING NORTH



# MASSING STUDY LOOKING NORTHWEST



# EXTERIOR BUILDING MATERIALS







#### FRONT LOAD UNIT

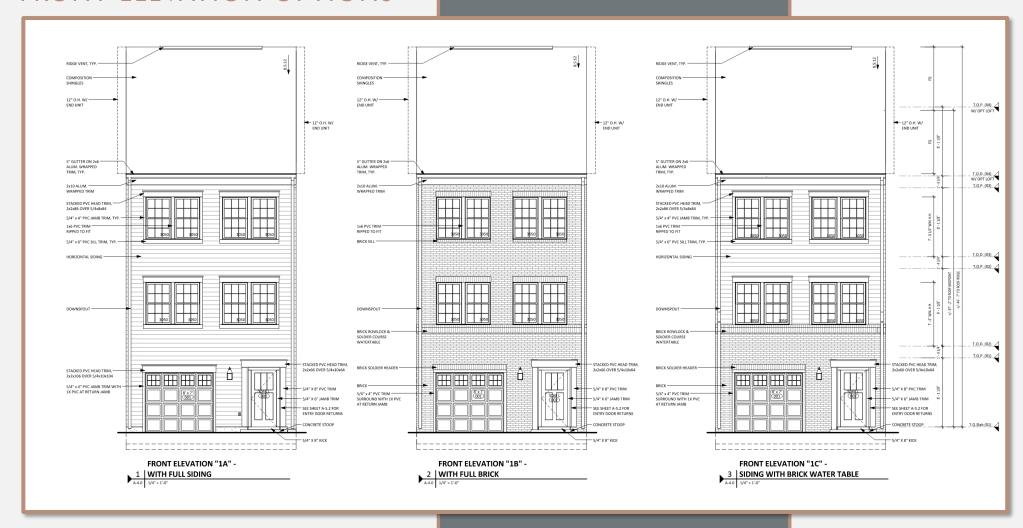










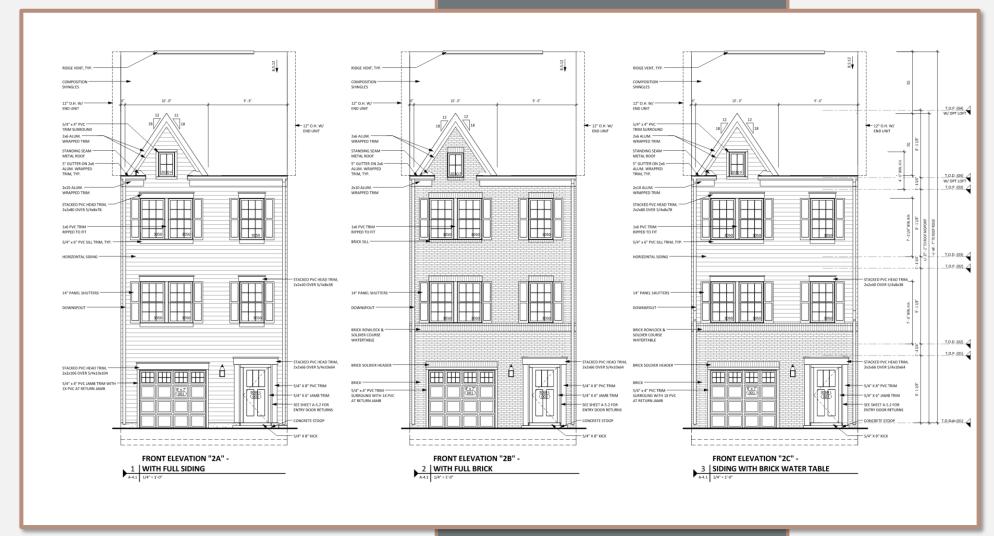








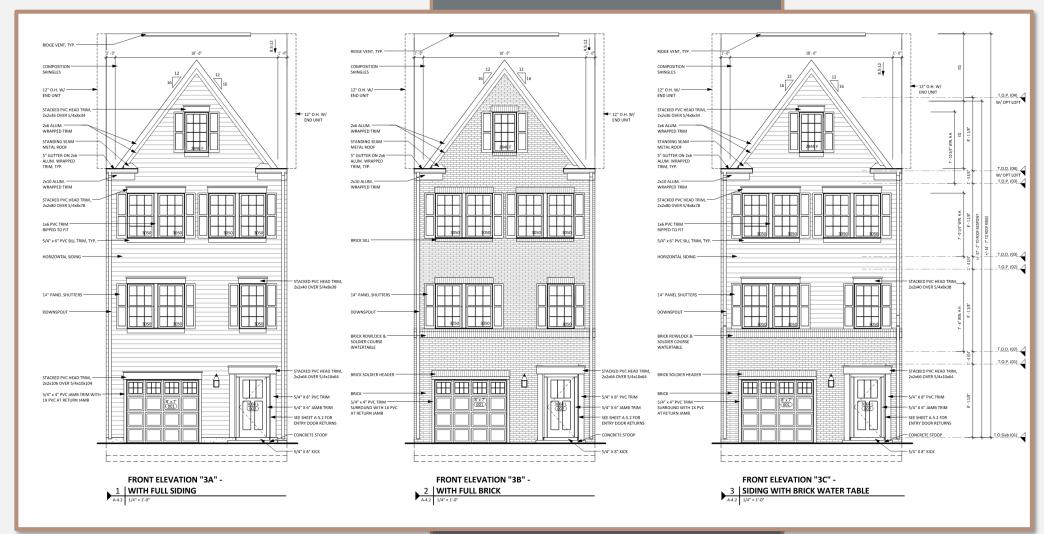










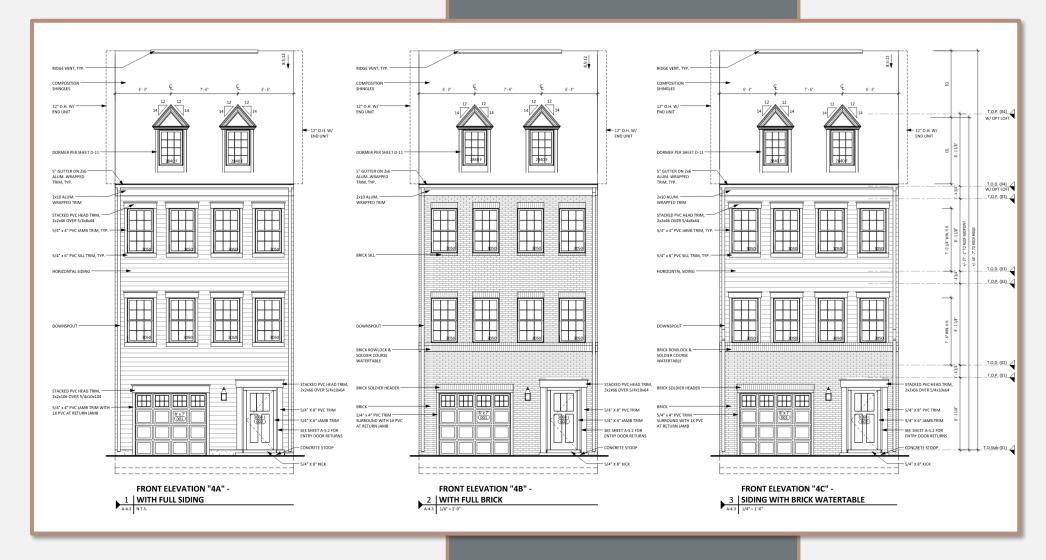










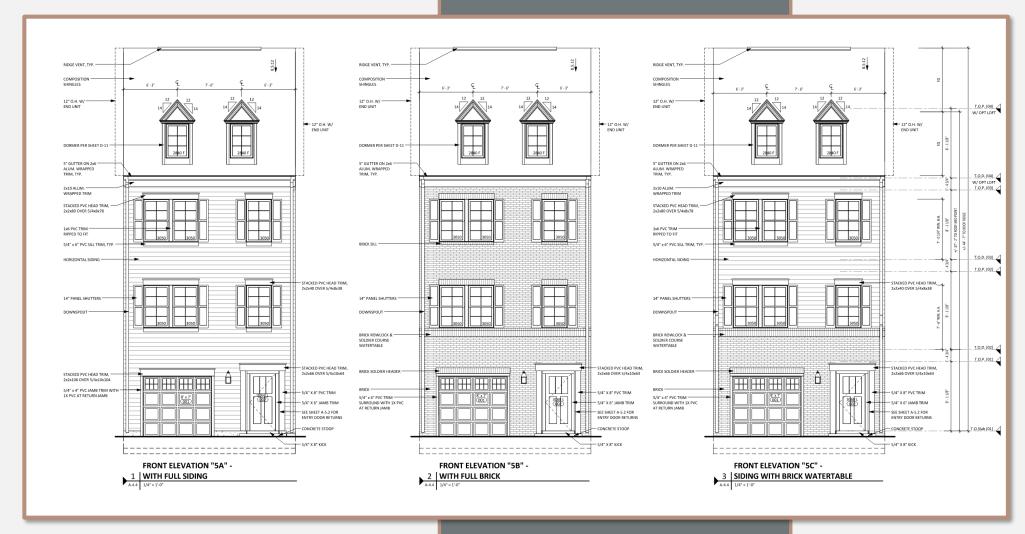










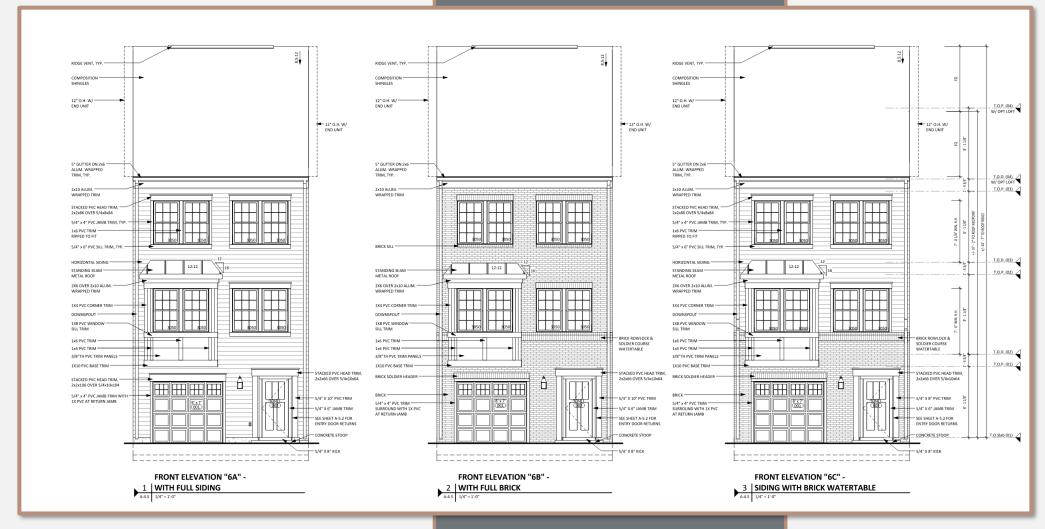










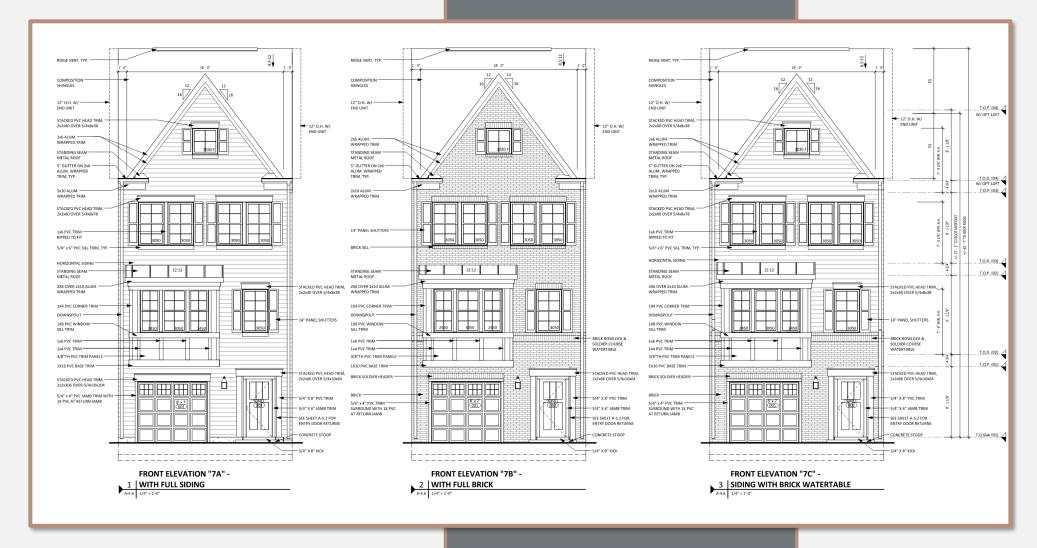




















#### REAR ELEVATION



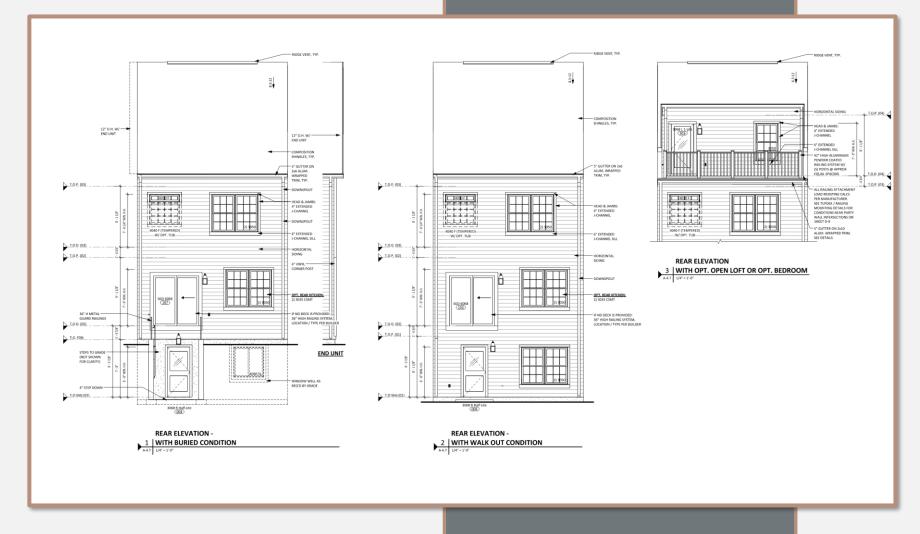








#### REAR ELEVATION OPTIONS











#### SIDE ELEVATION



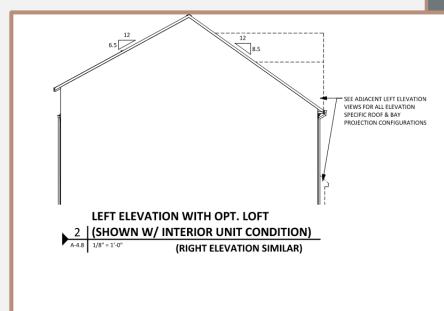


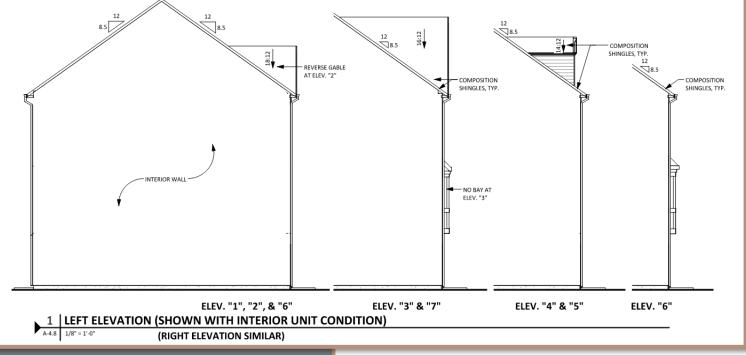






#### SIDE ELEVATION OPTIONS



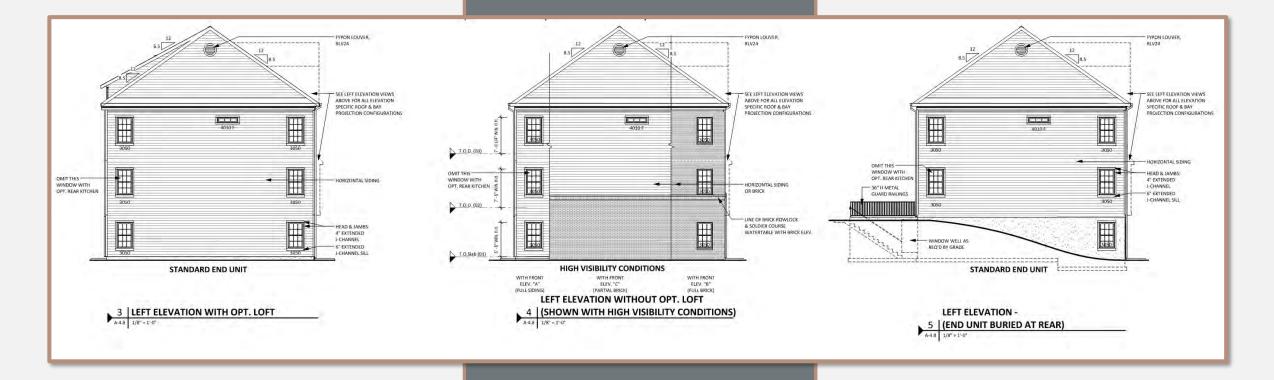








#### SIDE ELEVATION OPTIONS



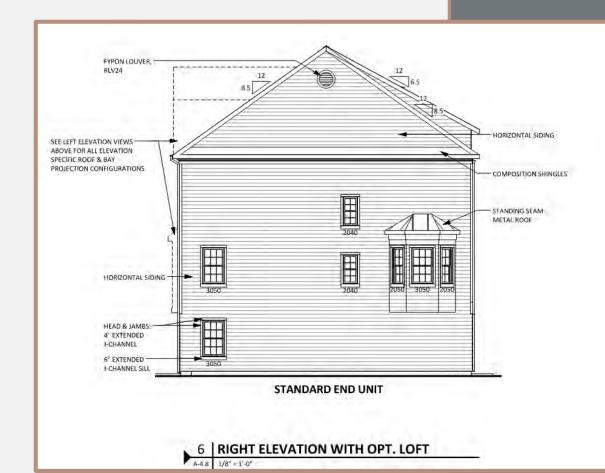


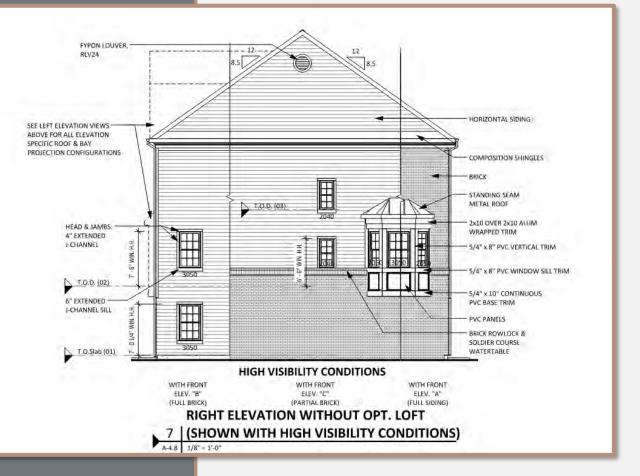






#### SIDE ELEVATION OPTIONS





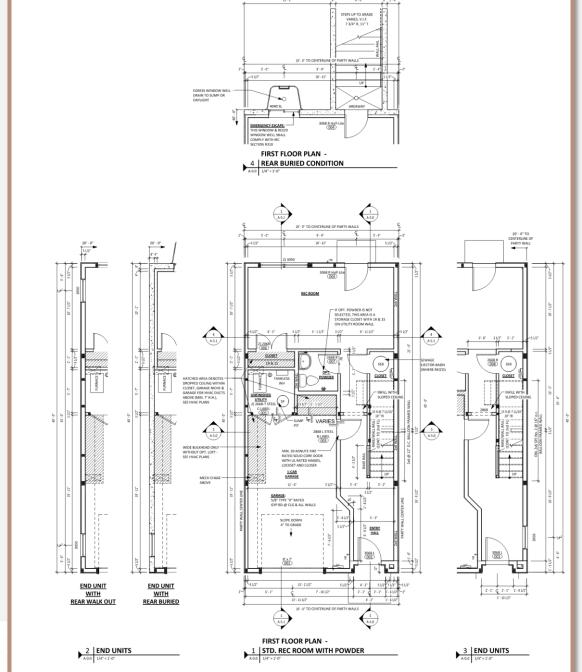








#### FIRST FLOOR PLANS

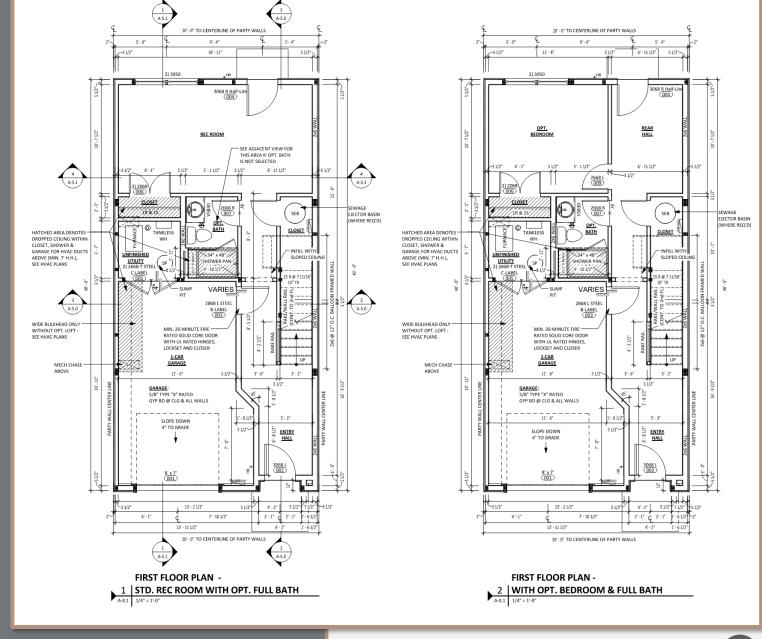








FIRST FLOOR PLANS

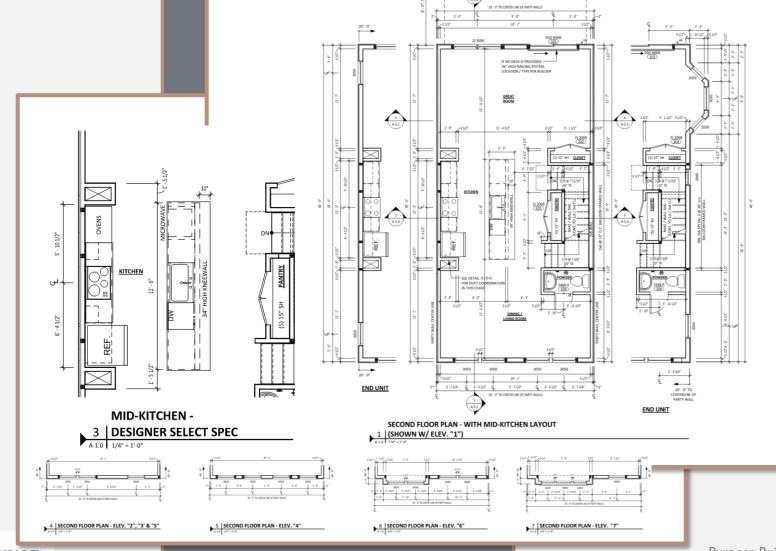








## SECOND FLOOR PLAN OPTIONS

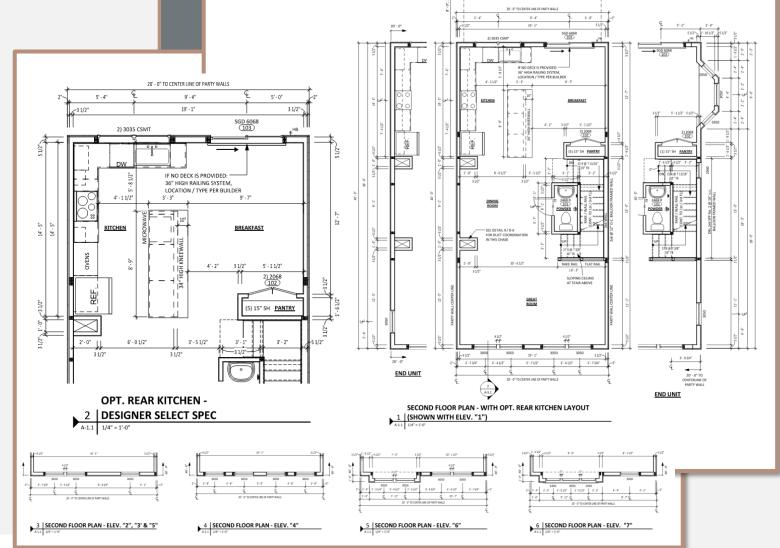








## SECOND FLOOR PLAN OPTIONS

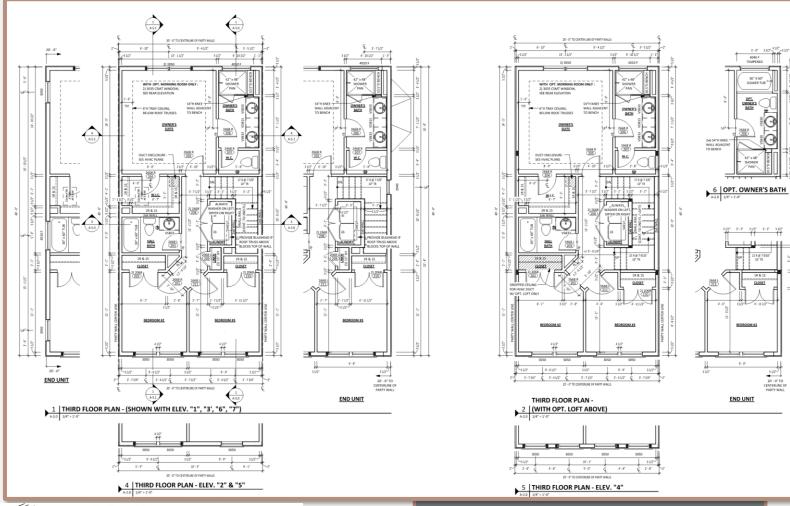








#### THIRD FLOOR PLAN OPTIONS



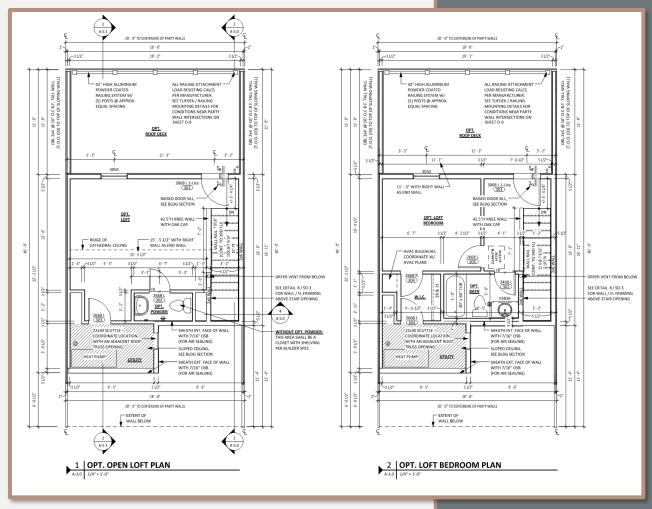








## OPTIONAL LOFT FLOOR PLAN OPTIONS









#### COLOR PALETTE

Southern Crossroads Attached Sample Schemes  DATE 01/21/2																		
Color Scheme	Brick	Mortar	Horizontal Siding	Horizontal Siding @ Opt. Loft	Painted Trim @ Windows (All Sides) & Front Door Alcove	Trim @ Front Bay/Paneling	Gutters & Downspouts	Fascia Trim	Fascia Trim & Parapet Trim @ Opt. Loft	Windows	Front Door	Rear Load Passage Door (RL Only)	Shutter (If Applicable)	Garage Door	Roof	Metal Roof	Deck Railing & Trim	Railings ( C Loft)
SC-A-1	1 7 7								3									
	Rockview	M-10 (Med. Brown)	Tuscan Clay	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Cape Verde (SW 6482)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-2																		
	Chesapeake	Soft White	Midnight Blue	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Crabby Apple (SW 7592)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-3	" -   1														1-1-			
	Rockview	M-10 (Med. Brown)	Tuscan Clay	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Dewberry (SW 6552)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-4																		
	Ashfield	M-21 (Dk. Brown)	Platinum Gray	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Cape Verde (SW 6482)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-5															- I- "I"			
	Silverview	Std. Gray	Glacier White	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Crabby Apple (SW 7592)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-6																		
	Chesapeake	Soft White	Ageless Slate	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Dewberry (SW 6552)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black
SC-A-7	1111	bearing !																
	Ashfield	M-21 (Dk. Brown)	Glacier White	Storm	Snowbound (SW 7004)	Snowbound (SW 7004)	White	Snowbound (SW 7004)	Black Fox (SW 7020)	White	Dewberry (SW 6552)	Black Magic (SW 6991)	Black (002)	White	Charcoal	Charcoal	White	Black

Manufacturers:

BRICK: Glen-Gery WINDOWS: M/I

SIDING & Shakes: Alside Coventry SHINGLES: GAF

PAINT: Sherwin Williams METAL ROOF: CMG Metals

GARAGE DOORS: Wayne Dalton SHUTTERS: Mid-Atlantic







