



**Supplementary  
Museum Committee Agenda**

Thursday, October 4, 2018  
9:30 a.m.

Council Chambers  
Bruce County Administration Centre, Walkerton

**1. Action Item**

Museum Expansion and Nuclear Innovation Institute Build (Report attached)

**Note:** This supplementary agenda is being created in addition to the original agenda as a result of a 2019 closed meeting investigation. On January 9, 2020 the Executive Committee approved the recommendation for the release of the report included on this agenda.



## Committee Report

**To:** Warden Paul Eagleson  
Members of the Museum Committee

**From:** Cathy McGirr  
Director, Museum & Cultural Services

**Date:** October 4, 2018

**Re:** Museum Expansion and Nuclear Innovation Institute Build

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### Recommendation:

The Museum Expansion and Nuclear Innovation Institute Build Report is for information.

Staff will move forward to present conceptual drawings for the combined Archives and Nuclear Innovation Institute Build at the fall public engagement session.

### Background:

As per the closed report on July 12, County Council was provided with several scenarios regarding the Museum expansion with and without the Applied Research Centre (Ontario Nuclear Innovation Institute) on the newly acquired property at 254 High Street.

Since that time the work towards progressing the Nuclear Innovation Institute (NII) has advanced and we continue to work with Bruce Power to further define the physical footprint of the Museum expansion including the NII.

After several discussions with the selected architectural firm Reitch & Petch it has become apparent that in order to accommodate the physical needs of the space for both the Museum and the NII, benefit from the full utilization of a shared spaces model and incorporate considerations from the public regarding the aesthetics of the building it is clear that the original options provided have limitations and would not allow for the vision to be accomplished.



Approaching the building from a single build perspective rather than two distinct buildings allows for better utilization and flow of shared space, the necessary square footage for the Museum expansion, as well as, accommodating all functions for the NII (Innovation / Incubation / Skilled Trades Secretariat); while providing seamless integration of the new building with the existing footprint.

In the original options provided - Option 4 allowed for the Museum expansion at the original size of 18,935 sq.ft. with the NII at 12,730 sq.ft. with access to shared space at 2,190 sq. ft. (2 classrooms and Community Gallery) plus the theatre.

With the approach of a single build the Museum expansion still maintains the footprint required at 18,935 sq. ft., with most of the space fully accessible on one level which allows staff easier access of documents and monitoring of space.

The spatial analysis chart along with the blocking / stacking drawings (attached) identifies the square footage gained by combining the footprint in one build.

Whit Petch, Senior Principal with Reitch & Petch will review the conceptual drawings and recommendation for consideration.

#### **Financial/Staffing/Legal/IT Considerations:**

At this time there are no financial, staffing, legal or IT considerations associated with this report. The financial impact of the drawings has already been approved in a previous report.

#### **Interdepartmental Consultation:**

Consultation has occurred with staff in the Office of the CAO.

#### **Link to Strategic Goals and Elements:**

While the goals are not specifically related the item does relate too many of the overall Strategic Values: Innovative, skilled - High quality of life for all residents - A dynamic centre for economic development - Proud and vibrant.



Corporation of the County of Bruce  
Museum

[brucecounty.on.ca](http://brucecounty.on.ca)

**Museum Strategic Plan Alignment:**

Strategic Pillars: Provide Relevant, Compelling Programming, Optimize Use of Space

Approved by:

A handwritten signature in black ink that reads "Christine MacDonald". The signature is written in a cursive style.

Christine MacDonald  
Acting Chief Administrative Officer

**Note:** This Committee Report was previously circulated at the October 4, 2018 Closed Meeting and is being released as a result of a 2019 closed meeting investigation. On January 9, 2020 the Executive Committee approved the recommendation for the release of this report as part of the supplementary agenda.

08-May-18

**NEW ARCHIVES CENTRE  
BRUCE COUNTY MUSEUM & CULTURAL CENTRE**

Spatial Analysis

Public Areas

**With Collections**

Research Room & Microfilm

1,215

1,215

1,430

1,430

1,425

**Programming & Education**

Classroom - Virtual Museum  
- Heritage Studies  
Community Voices Gallery

430

430

510

510

515

440

440

515

515

515

990

990

1,160

1,160

1,170

**Support Spaces**

Reception  
Washrooms  
Coats

240

240

280

280

320

510

510

600

600

450

130

130

150

150

175

Back of House (Private) Areas

**Collections**

Archival Storage  
- Space for up to 15 years capacity  
Archival Storage  
- Additional capacity beyond 15 years  
Archival Storage Total

2,740

2,740

3,710

3,710

3,000

2,320

2,320

2,240

2,240

3,000

5,060

5,060

5,950

5,950

6,000

Processing & Special Projects

670

670

790

790

800

**Administration**

Archivist Office  
Assistant Archivist Office  
Archive Volunteers

245

245

290

290

300

135

135

160

160

170

470

470

550

550

570

**Support Spaces**

Loading Dock  
Holding & Equipment  
Serving  
Storage (Gallery)

240

240

280

280

250

425

425

500

500

545

180

180

210

210

200

130

130

150

150

150

NET BUILDING AREA

11,510

11,510

13,525

13,525

13,555

GROSS-UP FACTOR (Circulation, Mechanical & Electrical, Structure, Partitions)- 40%

4,600

4,600

5,410

5,410

5,422

GROSS FLOOR AREA

16,110

16,110

18,935

18,935

18,977

Applied Research Centre (Gross Floor Area)

-

14,700

-

12,730

-

**TOTAL GROSS FLOOR AREA**

**16,110**

**30,810**

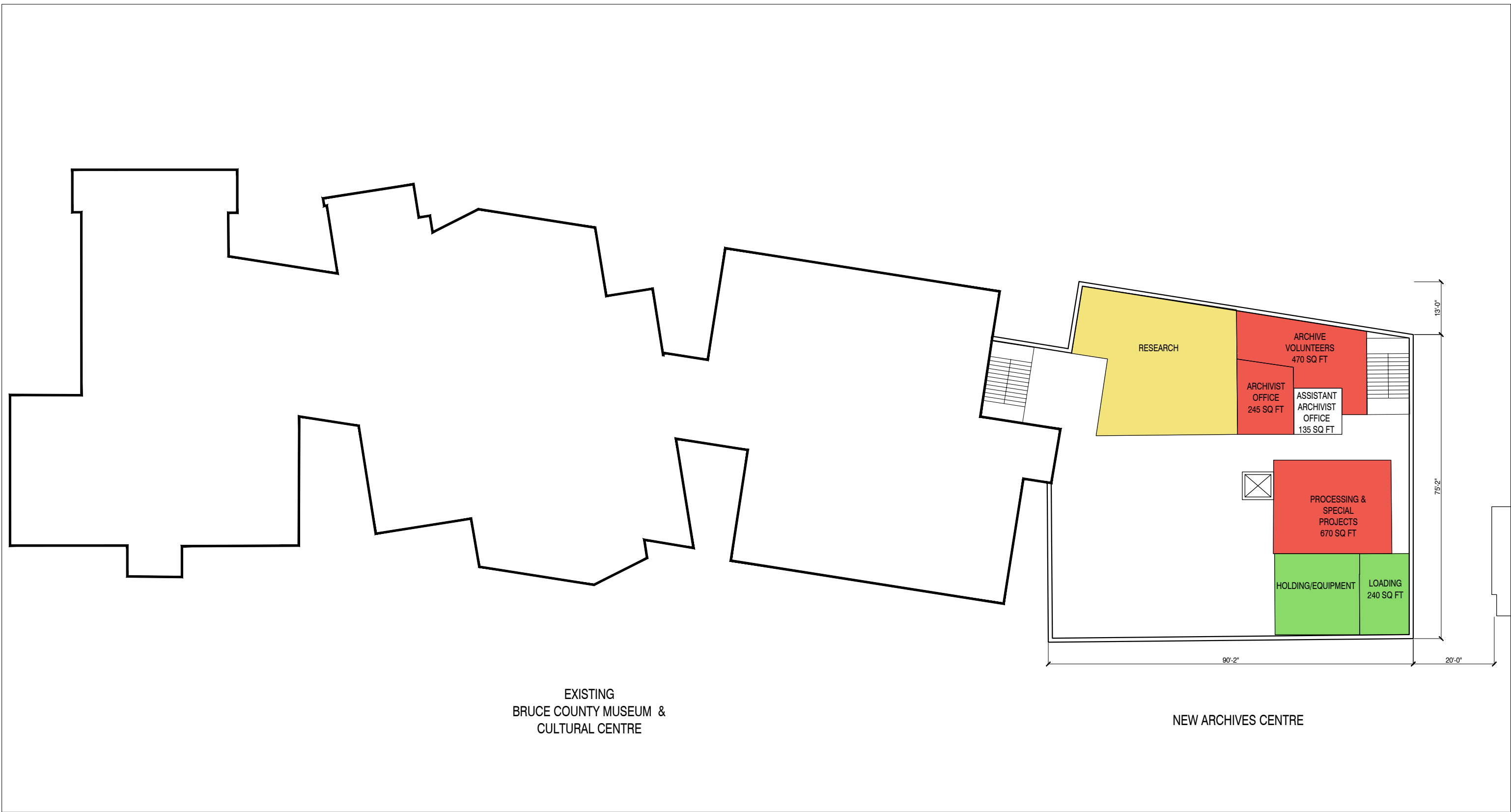
**18,935**

**31,665**

**18,977**

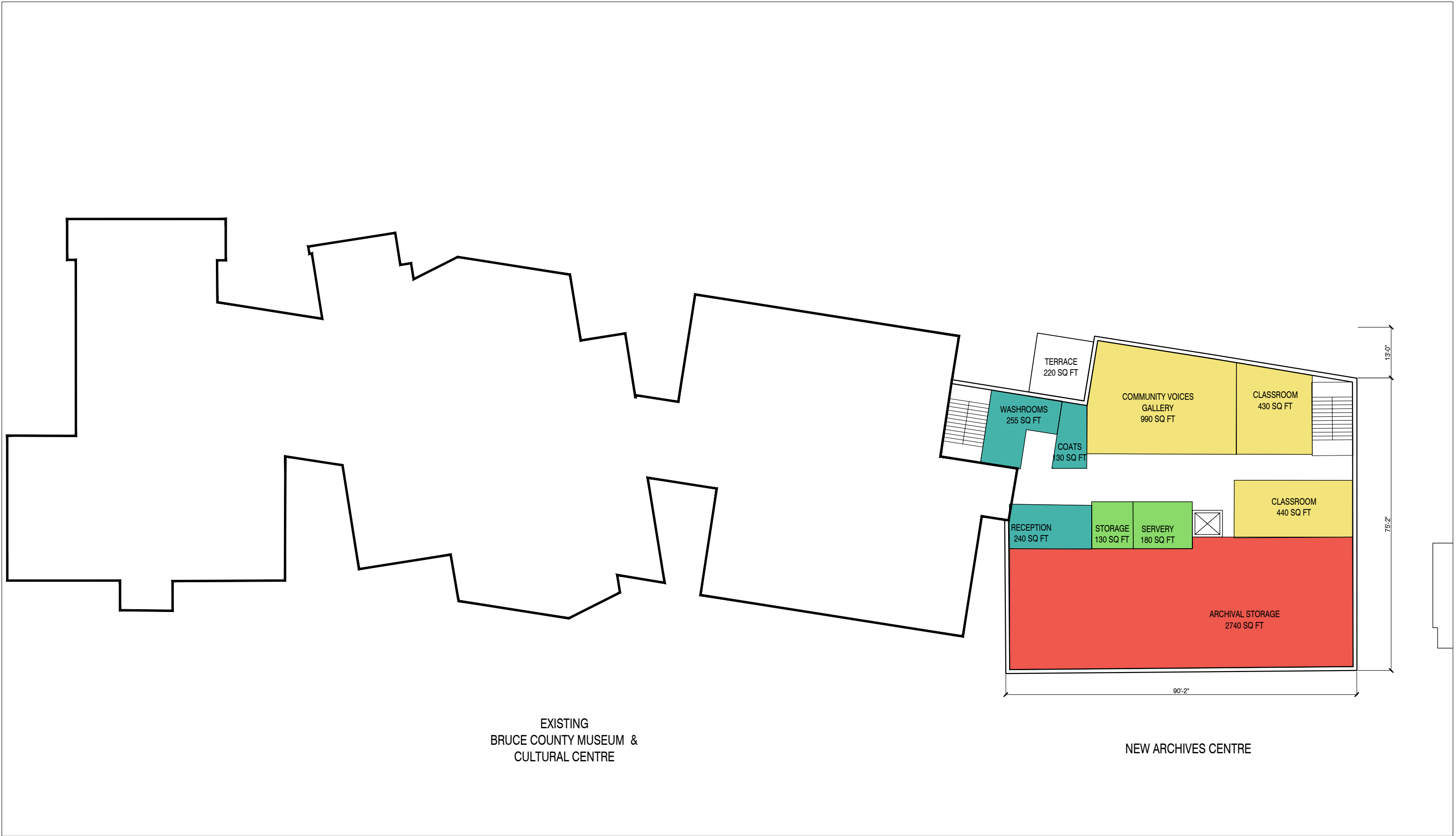
	<b>OPTION 1</b> Archives 15% Reduced Program	<b>OPTION 2</b> Option 1 & Research Centre	<b>OPTION 3</b> Archives Full Program	<b>OPTION 4</b> Option 3 & Research Centre	<b>Reference</b> Feasibility Study
	Net Area (SF)	Net Area (SF)	Net Area (SF)	Net Area (SF)	Net Area (SF)
<b>Public Areas</b>					
<b>With Collections</b>					
Research Room & Microfilm	1,215	1,215	1,430	1,430	1,425
<b>Programming &amp; Education</b>					
Classroom - Virtual Museum	430	430	510	510	515
- Heritage Studies	440	440	515	515	515
Community Voices Gallery	990	990	1,160	1,160	1,170
<b>Support Spaces</b>					
Reception	240	240	280	280	320
Washrooms	510	510	600	600	450
Coats	130	130	150	150	175
<b>Back of House (Private) Areas</b>					
<b>Collections</b>					
Archival Storage - Space for up to 15 years capacity	2,740	2,740	3,710	3,710	3,000
Archival Storage - Additional capacity beyond 15 years	2,320	2,320	2,240	2,240	3,000
Archival Storage Total	5,060	5,060	5,950	5,950	6,000
Processing & Special Projects	670	670	790	790	800
<b>Administration</b>					
Archivist Office	245	245	290	290	300
Assistant Archivist Office	135	135	160	160	170
Archive Volunteers	470	470	550	550	570
<b>Support Spaces</b>					
Loading Dock	240	240	280	280	250
Holding & Equipment	425	425	500	500	545
Serving	180	180	210	210	200
Storage (Gallery)	130	130	150	150	150
<b>NET BUILDING AREA</b>	<b>11,510</b>	<b>11,510</b>	<b>13,525</b>	<b>13,525</b>	<b>13,555</b>
<b>GROSS-UP FACTOR (Circulation, Mechanical &amp; Electrical, Structure, Partitions)- 40%</b>	<b>4,600</b>	<b>4,600</b>	<b>5,410</b>	<b>5,410</b>	<b>5,422</b>
<b>GROSS FLOOR AREA</b>	<b>16,110</b>	<b>16,110</b>	<b>18,935</b>	<b>18,935</b>	<b>18,977</b>
<u>Applied Research Centre (Gross Floor Area)</u>	-	14,700	-	12,730	-
<b>TOTAL GROSS FLOOR AREA</b>	<b>16,110</b>	<b>30,810</b>	<b>18,935</b>	<b>31,665</b>	<b>18,977</b>



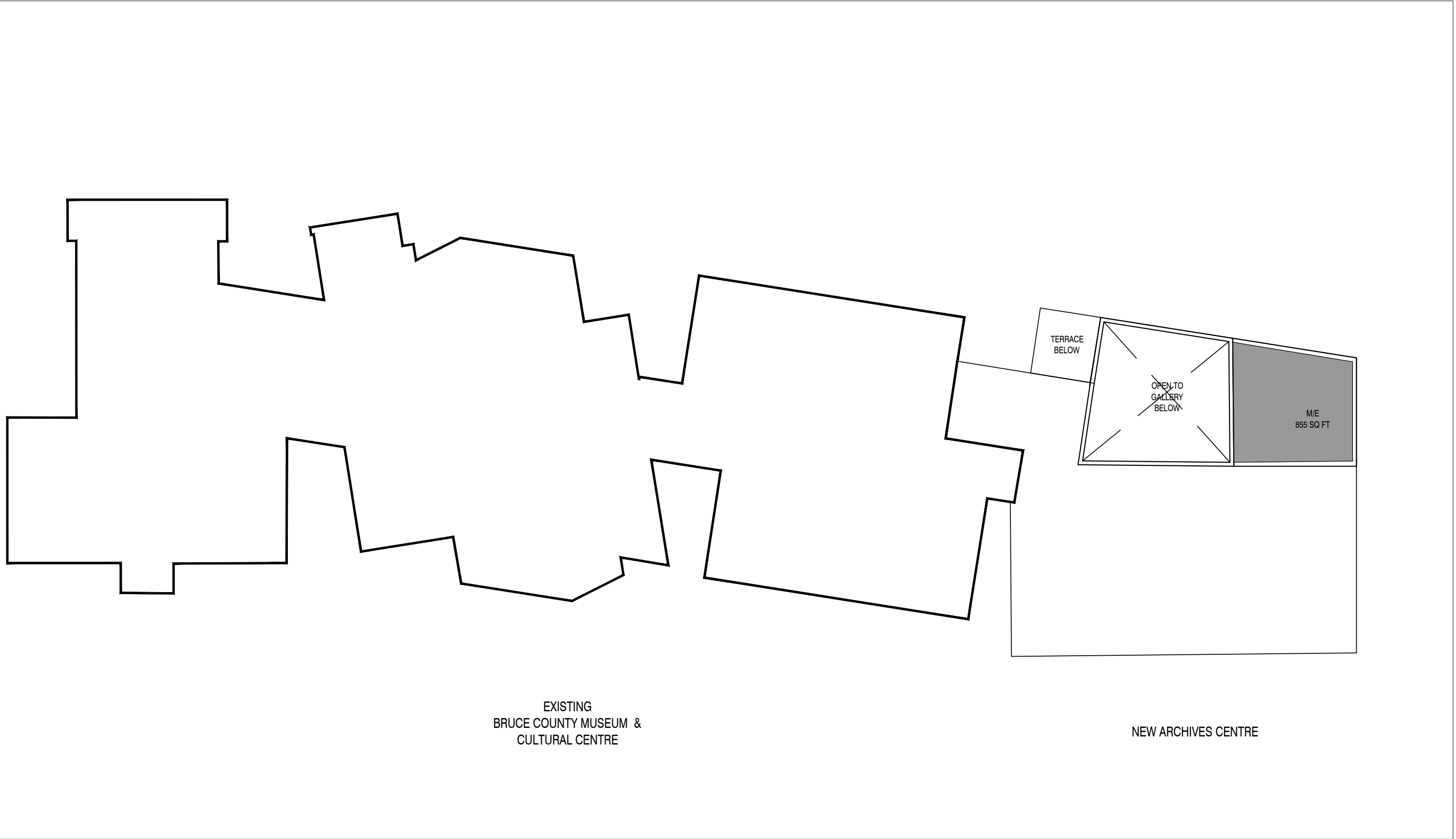


EXISTING  
BRUCE COUNTY MUSEUM &  
CULTURAL CENTRE

NEW ARCHIVES CENTRE

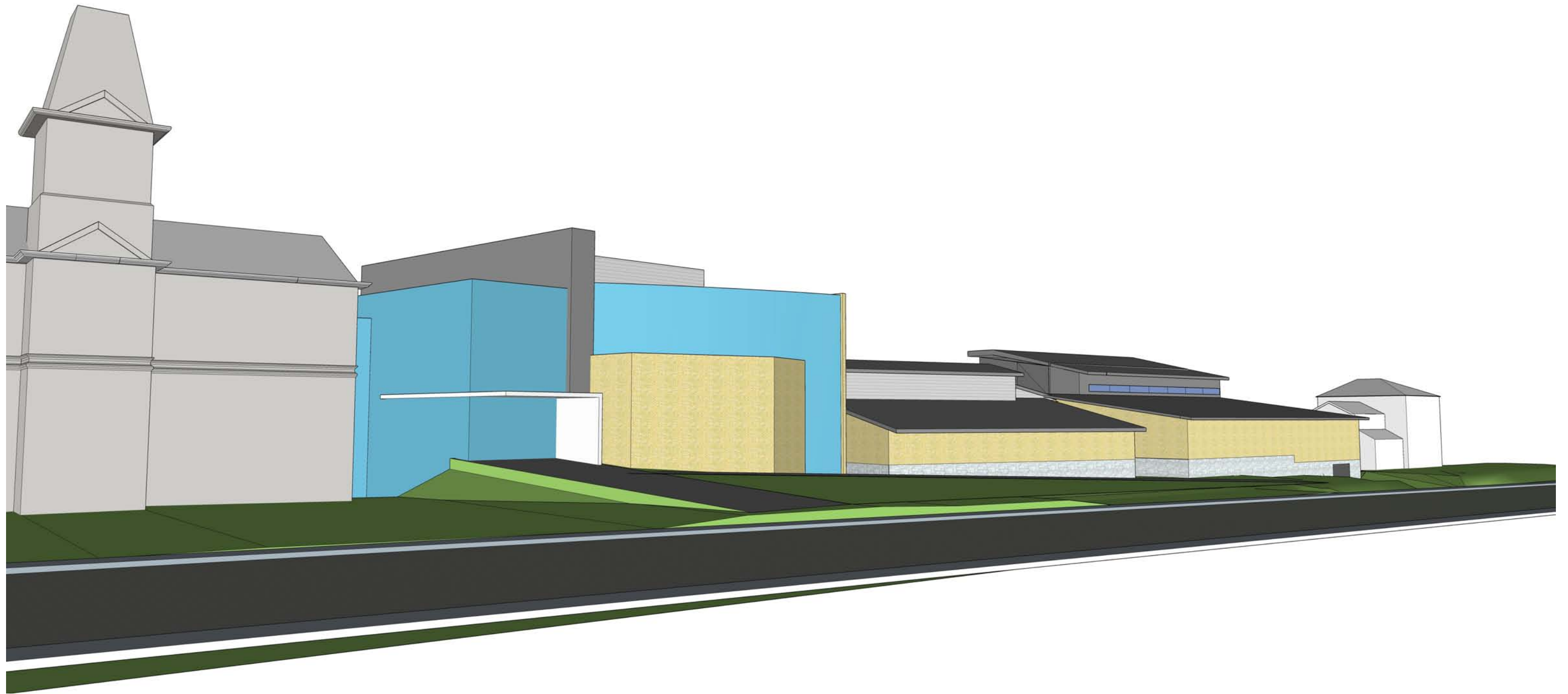






EXISTING  
BRUCE COUNTY MUSEUM &  
CULTURAL CENTRE

NEW ARCHIVES CENTRE



ARCHITECTS



BRUCE COUNTY  
MUSEUM  
& CULTURAL CENTRE  
ARCHIVES • HISTORY • EVENTS

PROJECT NO: 1804

PROJECT NAME:  
Bruce County Archi

DRAWING TITLE:

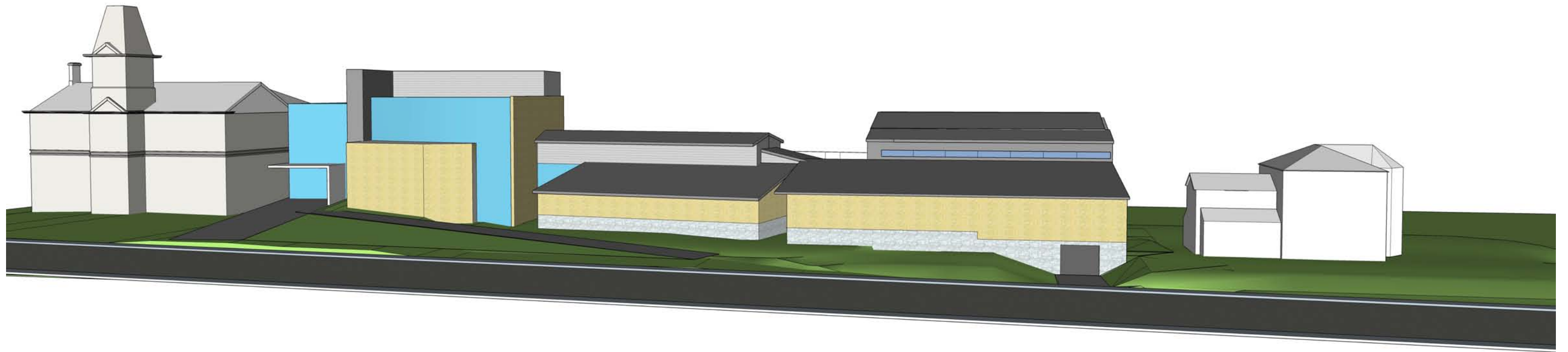
Massing Model  
Option 1 - Archives Reduced Program

DATE:  
04 MAY 2018

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PROJECT NO: 1804

PROJECT NAME: Bruce County Archives

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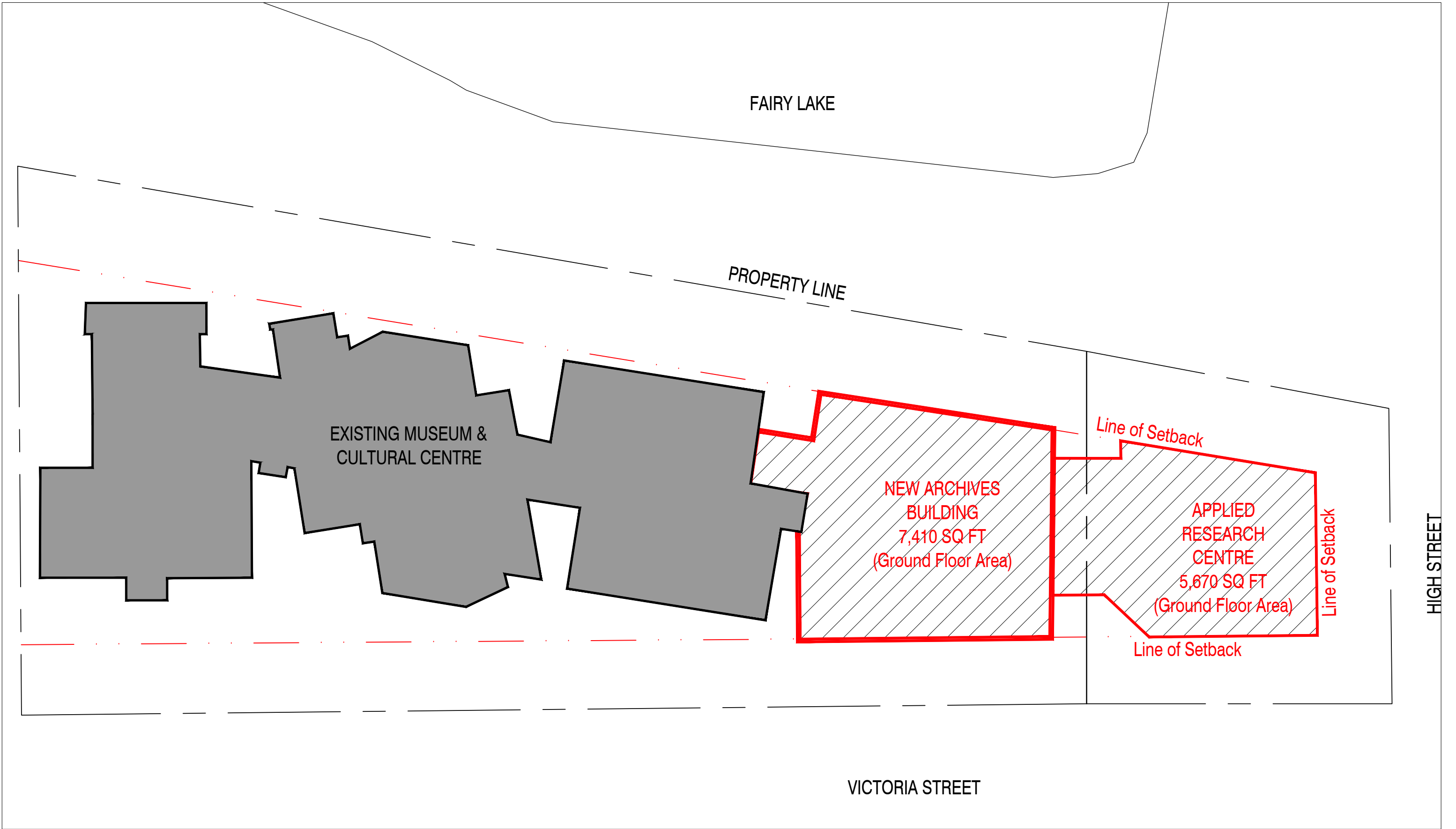
Massing Model  
Option 1 - Archives Reduced Program

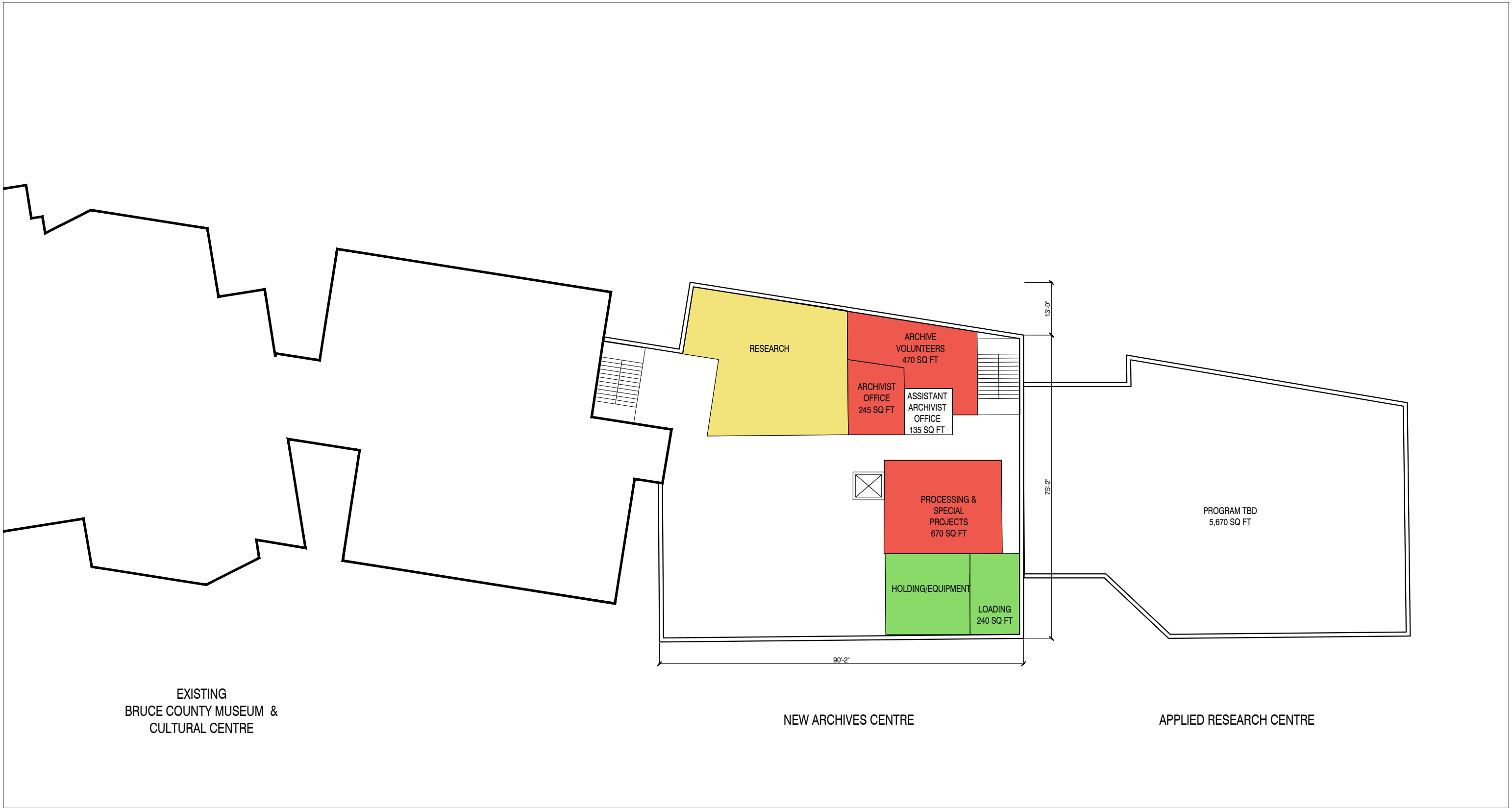
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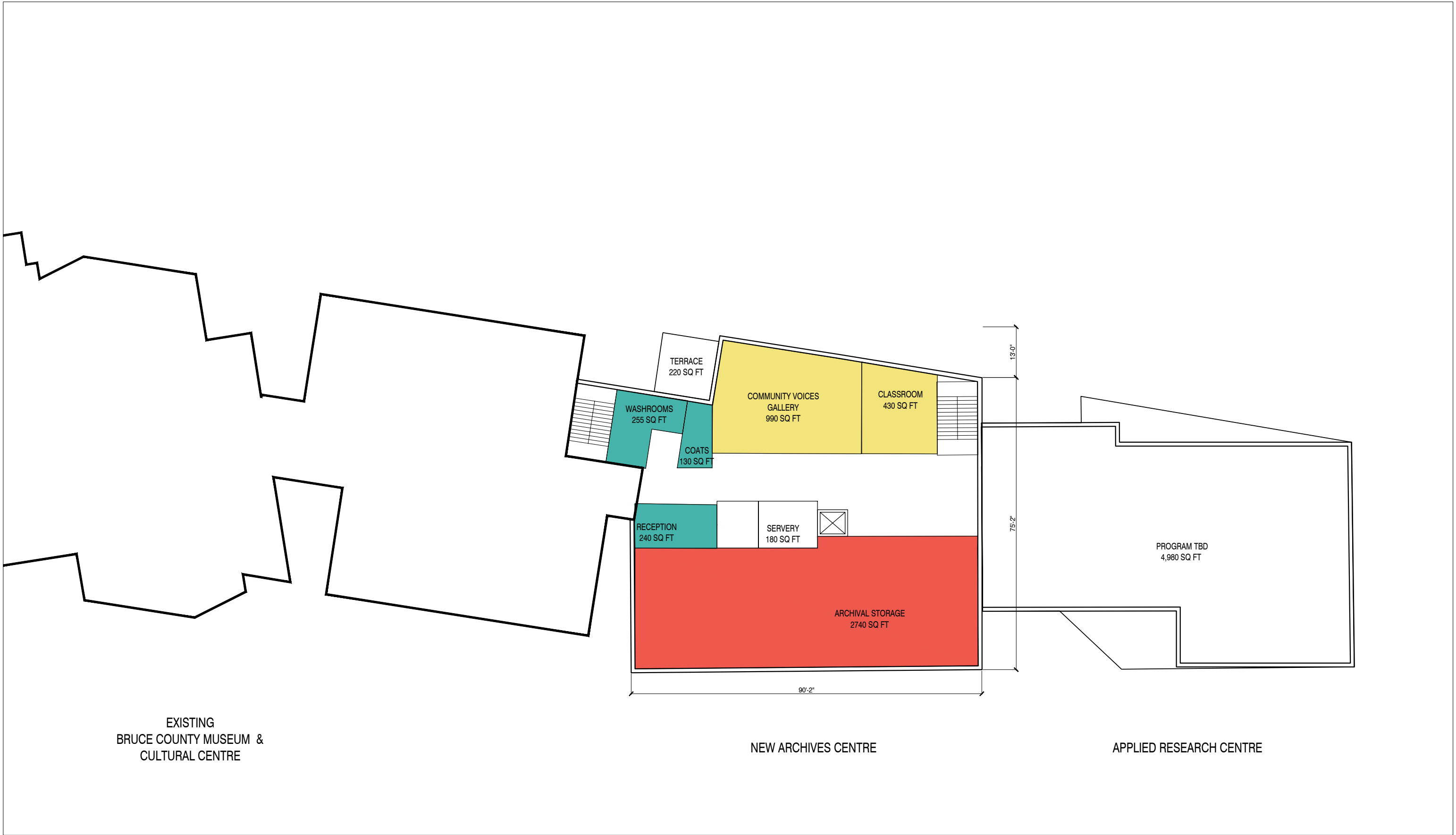
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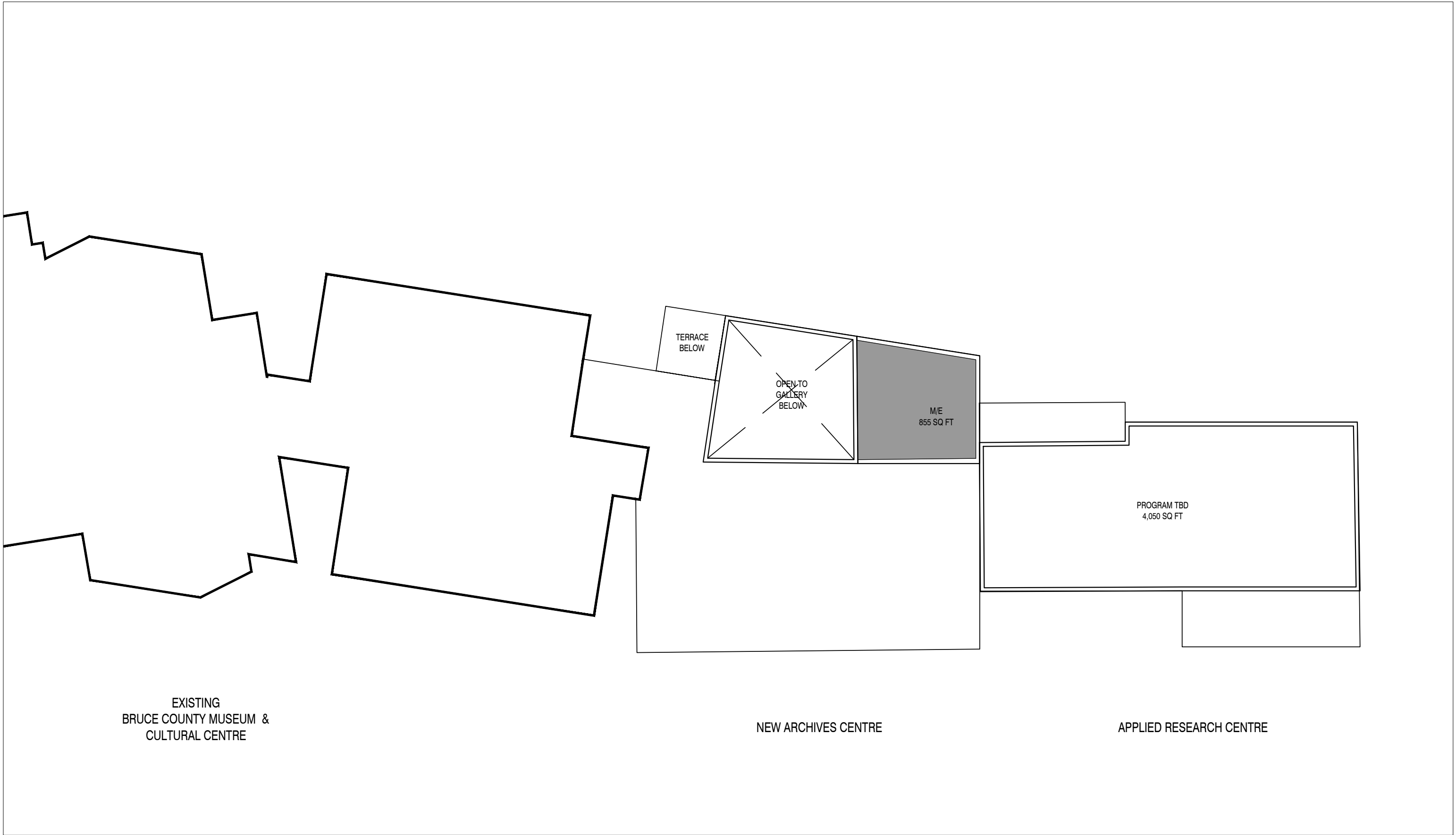
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CD - 5.5









EXISTING  
BRUCE COUNTY MUSEUM &  
CULTURAL CENTRE

NEW ARCHIVES CENTRE

APPLIED RESEARCH CENTRE

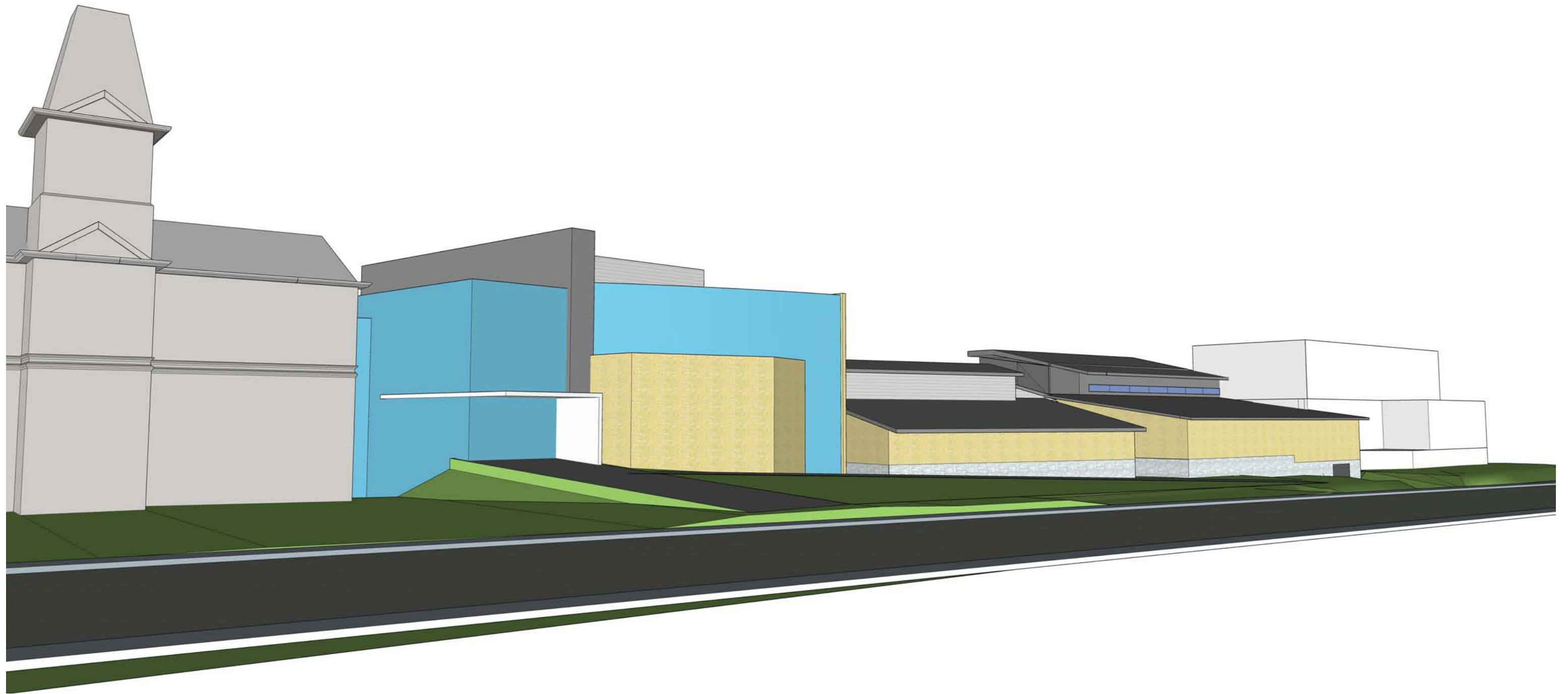
TERRACE  
BELOW

OPEN TO  
GALLERY  
BELOW

M/E  
855 SQ FT

PROGRAM TBD  
4,050 SQ FT





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MUSEUM  
& CULTURAL CENTRE  
ARCHIVES • HISTORY • EVENTS

PROJECT NO: 1804

PROJECT NAME:

Bruce County Archi

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DRAWING TITLE:

Massing Model

Option 2 - Reduced Archives & Applied Research Centre

DATE:

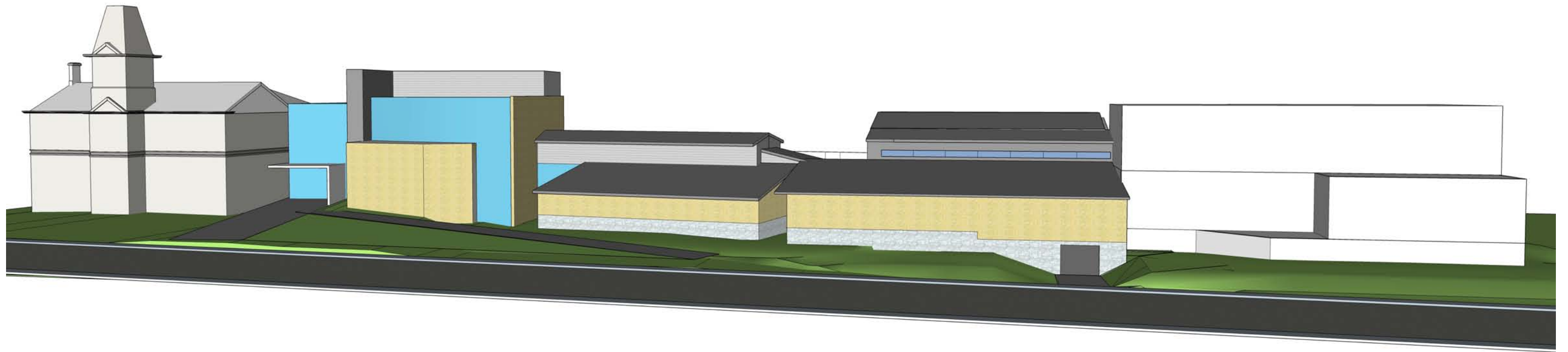
04 MAY 2018

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NTS

DRAWING:

CD -6.4





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PROJECT NO: 1804

PROJECT NAME: Bruce County Archives

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Massing Model  
Option 2 - Reduced Archives & Applied Research Centre

DATE: 04 MAY 2018

SCALE: 1/17'  
NTS

VERSION:

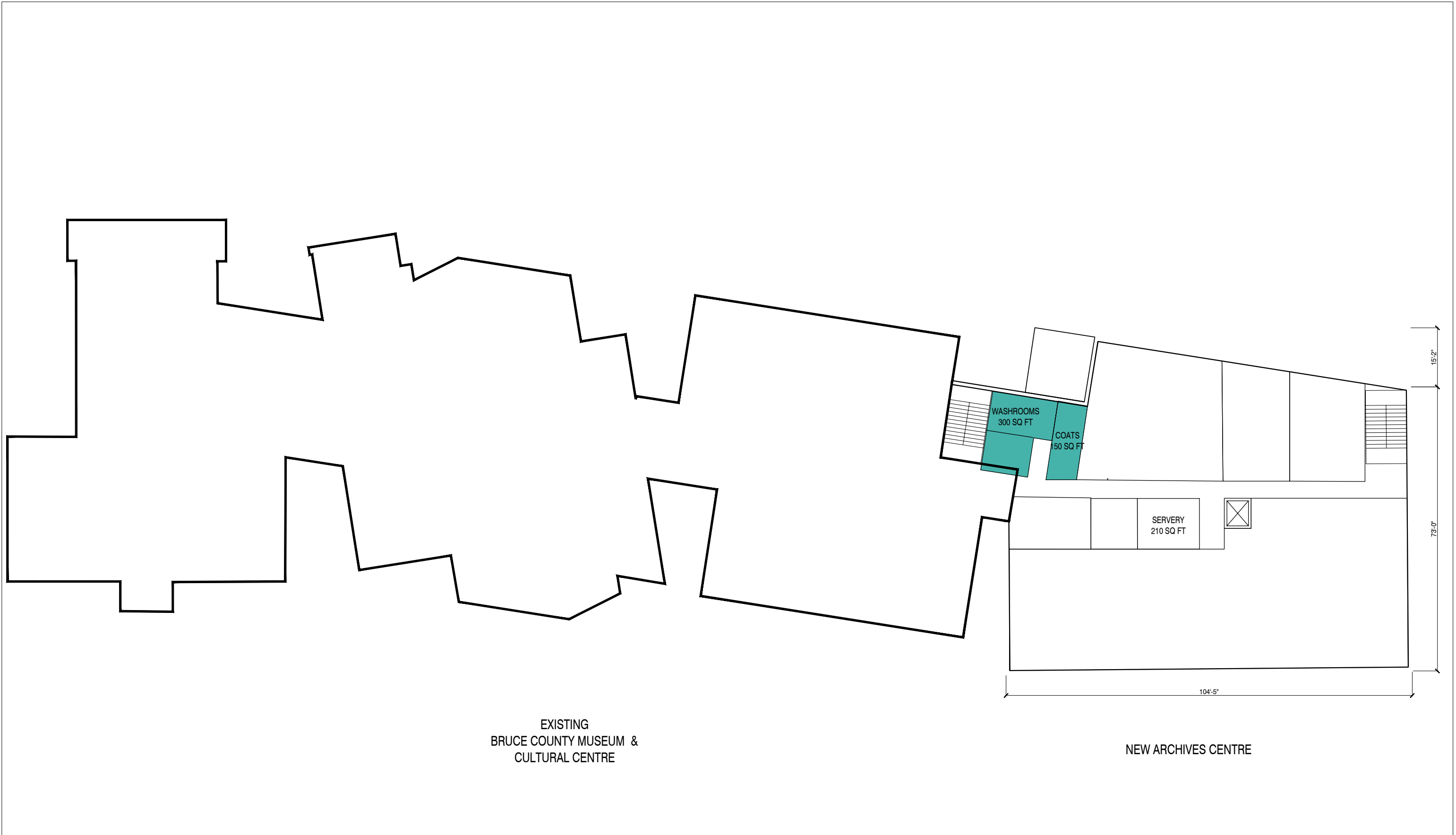
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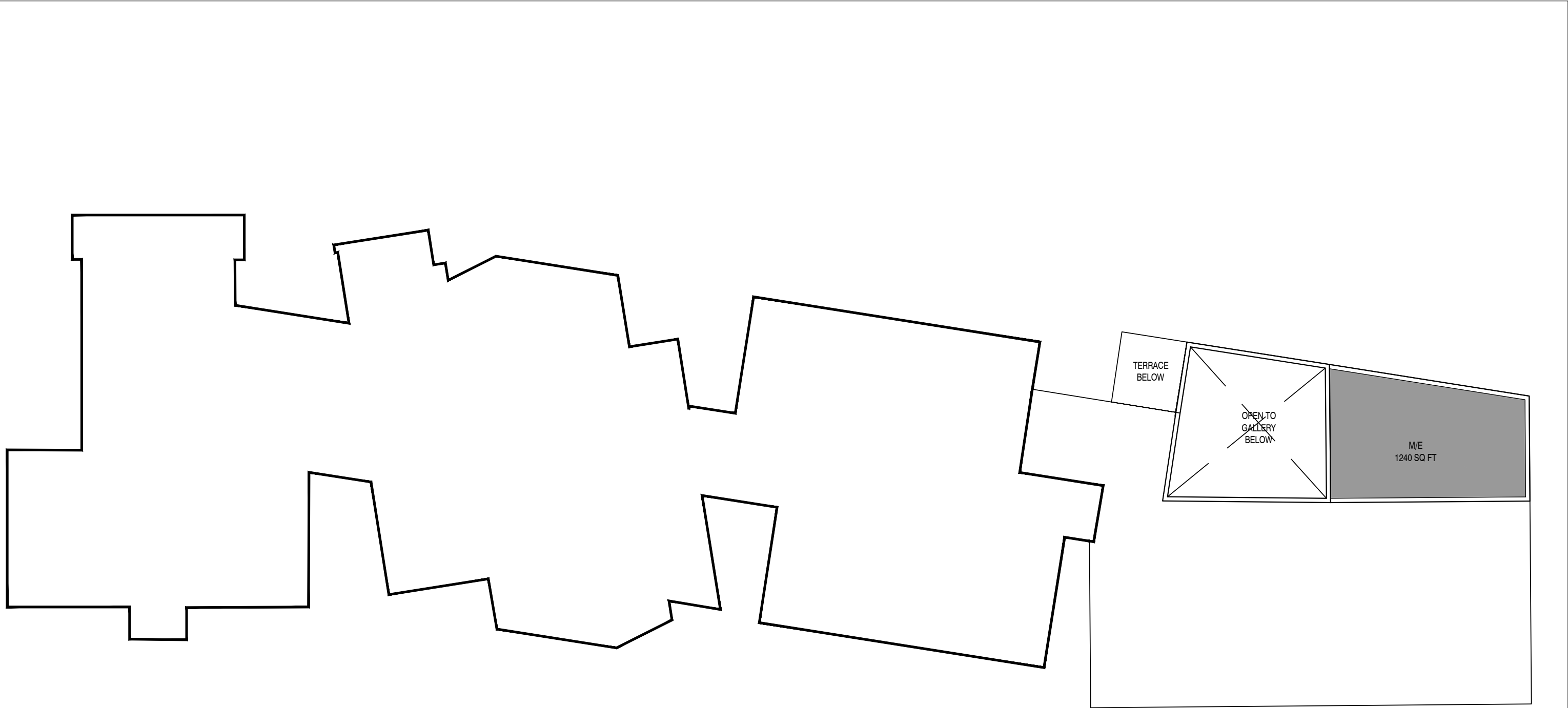
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NEW ARCHIVES CENTRE



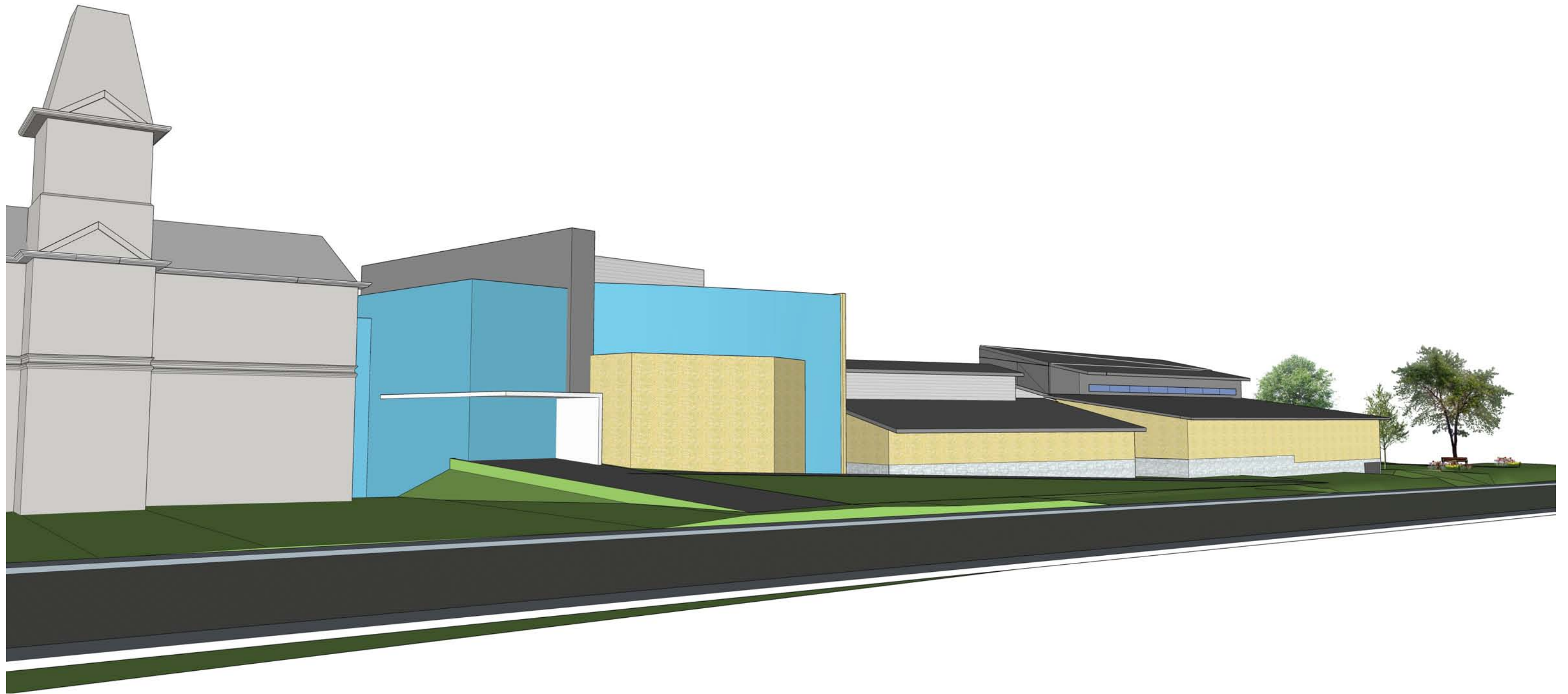
EXISTING  
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NEW ARCHIVES CENTRE



EXISTING  
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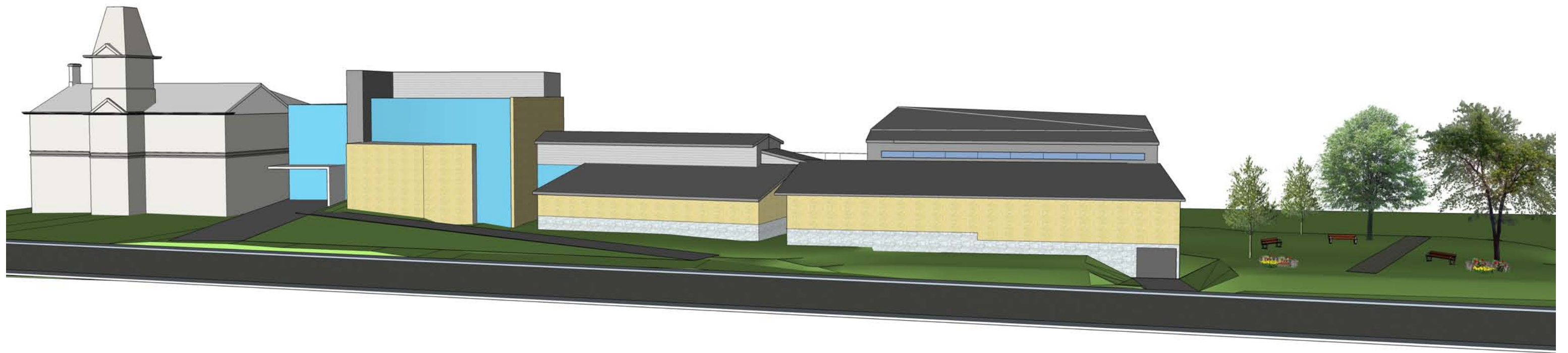
Massing Model  
Option 3 - Archives Full Program

DATE:  
04 MAY 2018

SCALE: 1:100  
NTS

VERSION:

CD - 7.4



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BRUCE COUNTY  
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ARCHIVES • HISTORY • EVENTS

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DRAWING TITLE:

Massing Model  
Option 3 - Archives Full Program

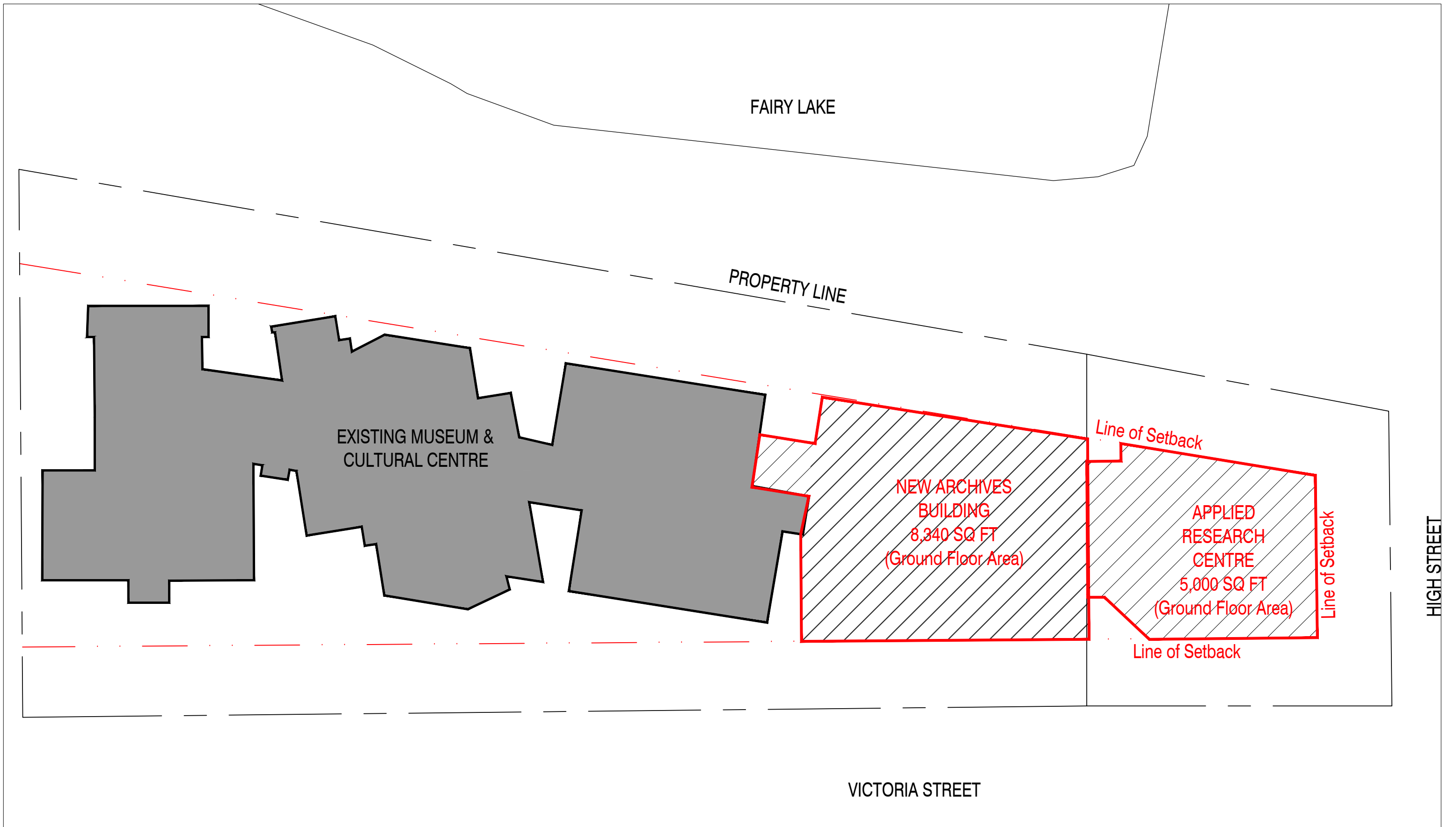
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DRAWING:

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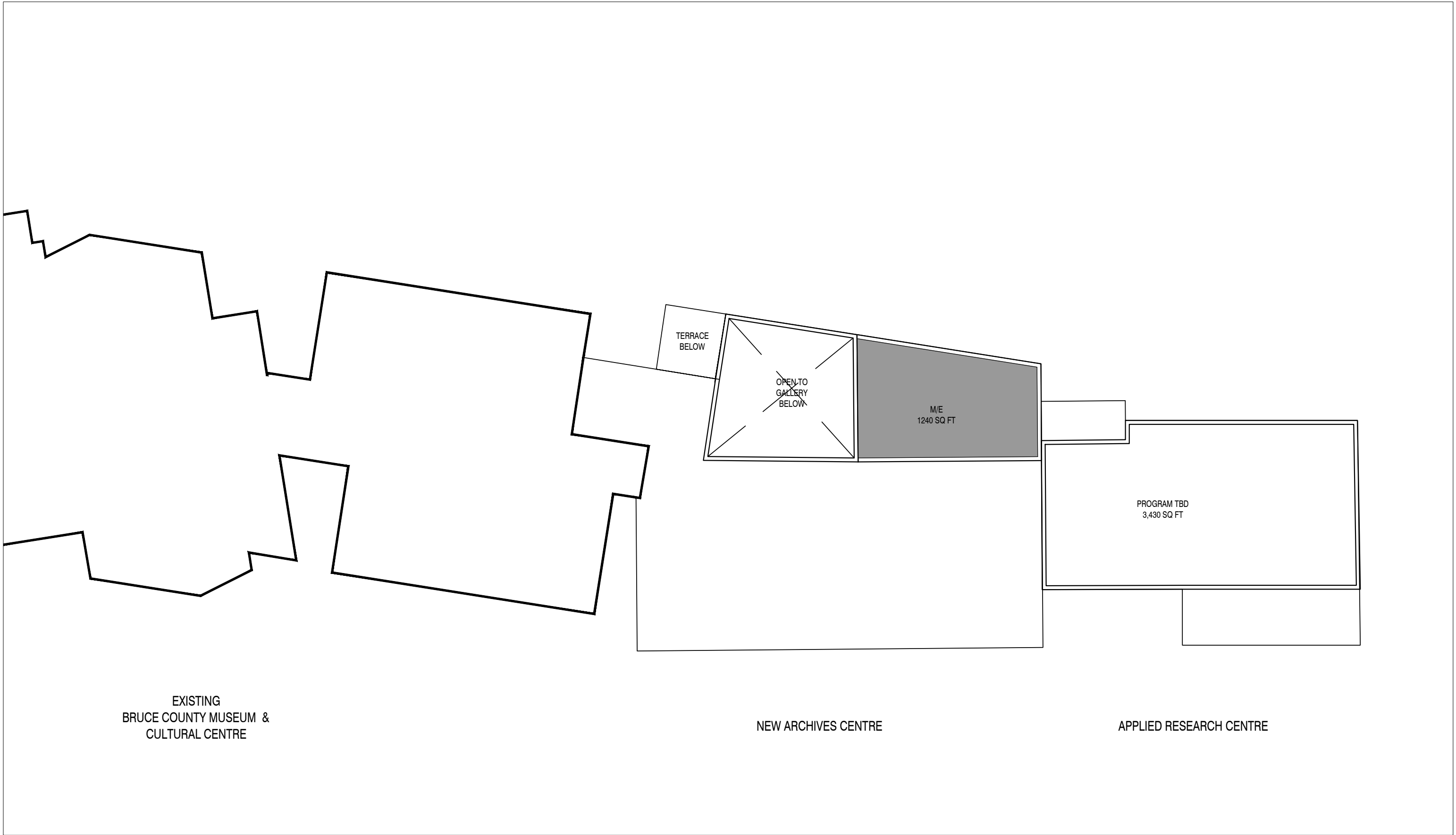


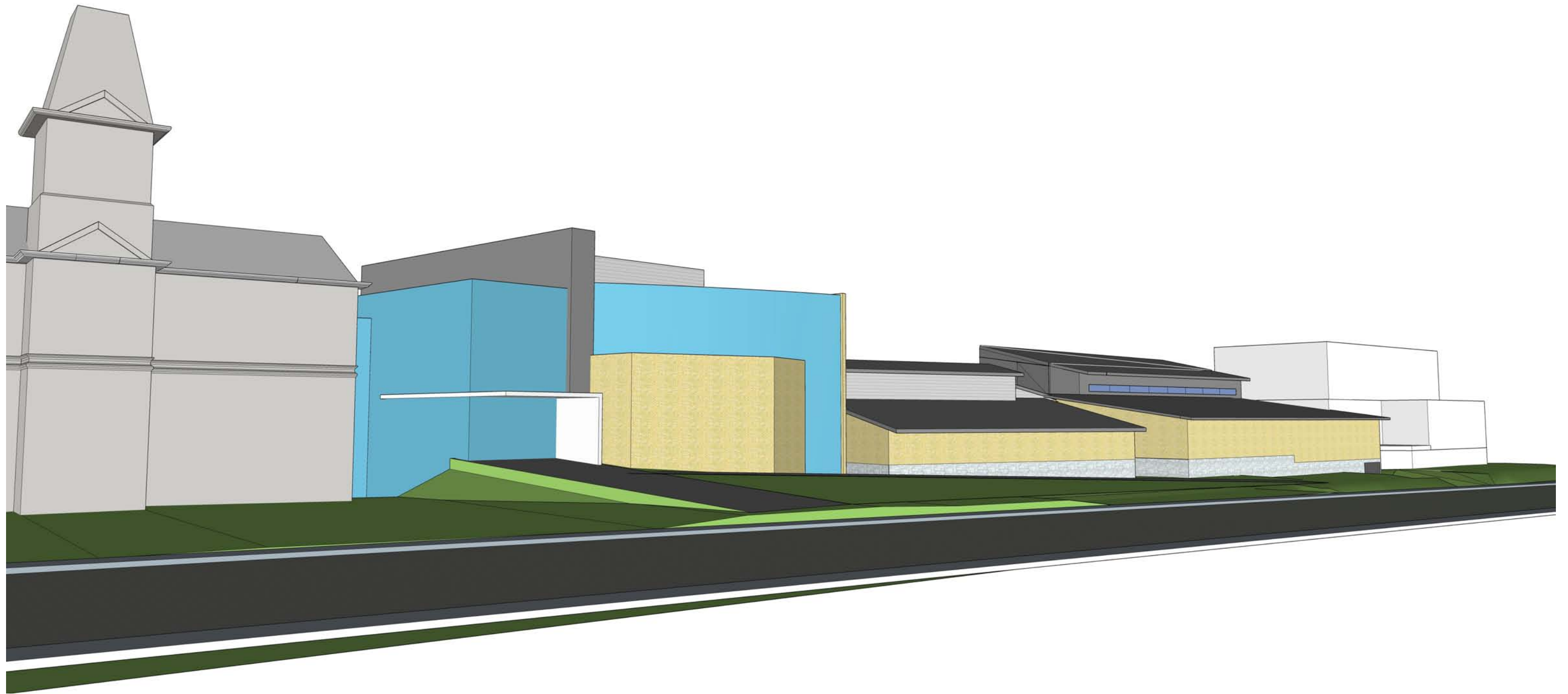












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ARCHIVES • HISTORY • EVENTS

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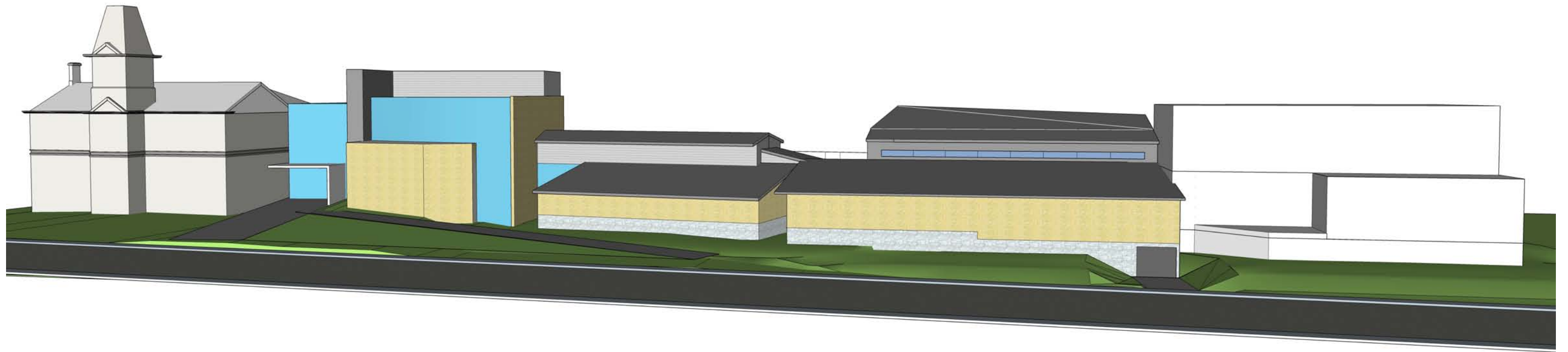
Massing Model  
Option 4 - Full Archives & Applied Research Centre

DATE:  
04 MAY 2018

SCALE: 1:100  
NTS

DRAWING:

CD -8.4



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BRUCE COUNTY  
MUSEUM  
& CULTURAL CENTRE  
ARCHIVES • HISTORY • EVENTS

PROJECT NO: 1804

PROJECT NAME:

Bruce County Archi

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DRAWING TITLE:

Massing Model

Option 4 - Full Archives & Applied Research Centre

DATE:  
04 MAY 2018

SCALE: 1:17  
NTS

DRAWING:

CD - 8.5