

- NOTES:
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 2. DO NOT SCALE DRAWINGS.
 3. REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS, OR DISCREPANCIES TO THE ARCHITECT OR DESIGN ENGINEER AS APPLICABLE.
 4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION".
 5. THE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT AND/OR ENGINEER AND MUST BE RETURNED ON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.
 6. AREA CALCULATIONS ARE APPROXIMATE.
 7. DATE FORMAT: YYYY-MM-DD

ISSUE & REVISION DESIGNATION		
LETTER (A) = ISSUE , No. (1) = REVISION		
No.	Date	Issued For / Revisions
A	2024-11-22	ISSUED TO CLIENT
B	2024-12-04	ISSUED TO CLIENT - FINAL CONCEPT

NOT FOR CONSTRUCTION



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P 519.649.0220 www.aLiNKarch.ca
362 DUFFERIN AVENUE, LONDON ON N6B 1Z4

Project:
Master Plan for the Township Of Wilmot
PUBLIC WORKS
FACILITY EXPANSION
Township Road #16, Baden ON

Drawing:
EXISTING SITE PLAN

Drawn By: TR	Job Captain: MH	Project No.: 2444
Scale: AS NOTED		Sheet No.: EX1-1
Plot Date: 2024-12-04		
Current Issue: B	Current Revision: -	



EXISTING SITE PLAN

1
EX1:1 EX1:1 SCALE: 1:1000

THE TOWNSHIP OF WILMOT - PUBLIC WORKS DEPARTMENT, HIRED a+LiNK ARCHITECTURE INC., TO PROVIDE MASTER PLANNING AND PROGRAMMING SERVICES FOR THEIR NEW PUBLIC WORKS OPERATIONS CENTRE & PUBLIC WORKS LAND EXPANSION.

THE PROPOSED MASTER PLAN INCLUDES;

1. DEMOLITION OF EXISTING BUILDINGS
2. CONSTRUCTION OF A NEW PUBLIC WORKS BUILDING;
 - ADMINISTRATION & ENGINEERING
 - FLEET STORAGE GARAGE
 - REPAIR GARAGE
 - INTERIOR & EXTERIOR WASH BAYS
 - PARTS, TOOLS & STORAGE AREAS FOR THE PUBLIC WORKS
3. CONSTRUCTION OF A NEW SALT STORAGE BUILDING
4. REUSE OF TWO EXISTING BUILDINGS FOR WASTE WATER DEPT. AND WASTE OIL STORAGE DEPT.
5. EXTERIOR STORAGE, FUELING, SNOW DUMPING, WASTE COLLECTION AREAS.
6. SITE SERVING FOR THE NEW DEVELOPMENT
7. NEW DRIVEWAYS, FIRE ROUTE

THIS MASTER PLAN DRAWING IS PRELIMINARY ONLY. FURTHER INVESTIGATIONS WILL BE REQUIRED AS TO THE GEOTECHNICAL SUB-SURFACE AND BEARING CONDITIONS OF THE EXISTING SITE.

THE EXISTING PARCEL HAS A NUMBER OF DESIGN CHALLENGES, THAT AFFECTED THE POSSIBLE DESIGN OPTIONS:

1. GRADING OF THE EAST PARCEL
THE NEWLY PURCHASED EAST PARCEL, HAS A +/- 14.0m GRADING DIFFERENCE FROM THE SOUTH TO NORTH.
2. CUT/FILL OF THE EXISTING SOIL WILL BE REQUIRED IN ORDER TO PROVIDE NEW AREA FOR THE PUBLIC WORKS BUILDING.
-RETAINING WALLS AND DESIGNED GRADING WILL BE REQUIRED.
3. FOR THE NEWLY PURCHASED EAST PARCEL, THERE IS AN EXISTING WETLAND AREA TO THE SOUTH-EAST, AND THIS ENTIRE PARCEL IS DESIGNATED BY THE REGION OF WATERLORDS AS A PROTECTION PLAN AREA. FURTHER REVIEW WITH THE AUTHORITIES HAVING JURISDICTION WILL BE REQUIRED.
4. THE EXISTING WEST PARCEL, WHERE THE CURRENT PUBLIC WORKS BUILDINGS ARE LOCATED, HAS THE DIRECT ACCESS TO TOWNSHIP ROAD #16. FURTHER REVIEW WITH THE AUTHORITIES HAVING JURISDICTION WILL BE REQUIRED AS TO HAVING A SECOND DRIVEWAY FOR THE WATER STATION.
5. THE GEOTECHNICAL & SOILS INFORMATION FOR THE PARCELS HAVE NOT BEEN COMPLETED. THE INFORMATION FOR THE SOIL TESTING HAS BEEN COMPLETED TO UNDERSTAND THE EXISTING SITE CONDITIONS.

1. ALL NEW BUILDING CONSTRUCTION WOULD BE ON THE NEW EAST PARCEL

2. A NEW PUBLIC WORKS BUILDING, CONSISTING OF THE ADMINISTRATION & ENGINEERING DEPARTMENTS FACING THE HIGHWAY, WITH THE FLEET STORAGE GARAGE, REPAIR GARAGE AND SUPPORT SPACES TO THE NORTH. THIS BUILDING WOULD INCLUDE GROUP D - OFFICES, GROUP F2 - REPAIR GARAGE, AND GROUP F3 - STORAGE GARAGE. THIS BUILDING IS DESIGNED AS A PRE-ENGINEERED BUILDING, WHICH IS MODULAR, EXPANDABLE, AND MULTIBAYED. FLEET ACCESS WOULD BE FROM EITHER THE EAST OR WEST SIDES.
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7. THE EXISTING WASTE WATER BUILDING WOULD REMAIN IN USE.
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11. AREAS FOR VAC TRUCK AND SNOW DUMPING HAVE BEEN SHOWN ON THE PLANS.
12. SPACE FOR EXTERIOR STORAGE HAS BEEN SHOWN ON THE PLANS.
13. THE TOWNSHIP OF WILMOT WILL NEED TO DETERMINE THE SCOPE AND INTENT FOR ANY SITE FENCING AND SECURITY .

CONSTRUCTION PHASING AND SEQUENCING OF THE MASTER PLAN WILL NEED TO BE DETERMINED BY THE TOWNSHIP OF WILMOT.

PHASING DRAWINGS HAVE BEEN PROVIDED AS AN ILLUSTRATION OF ONE POSSIBILITY FOR THE PROJECT. THIS PUBLIC WORKS OPERATIONS WILL NEED TO REMAIN IN OPERATIONS WHILE THE NEW PROJECTS ARE CONSTRUCTED ON SITE THE. BUDGETING AND SEQUENCING OF THE WORK WILL NEED TO BE CONSIDERED BY THE CLIENT.

K3-1 SK3-1 SCALE: N.T.S.



- | | |
|---|---|
|  | SALT STORAGE BUILDING
AREA = 2106.79m ² |
|  | FLEET STORAGE VEHICLE
AREA = 650.30m ² |
|  | VEHICLE WASHBAY - INDOOR
AREA = 260.12m ² |
|  | PUBLIC WORKS BULK STORAGE
AREA = 139.35m ² |
|  | PUBLIC WORKS SHOP
AREA = 167.22m ² |
|  | ADMIN SPACE
AREA = 929m ² |
|  | FLEET SERVICE SHOP
AREA = 650.30m ² |
|  | PUBLIC WORKS TOOLS STORAGE
AREA = 58.06m ² |
|  | PUBLIC WORKS PARTS STORAGE
AREA = 260.12m ² |

NOTES:

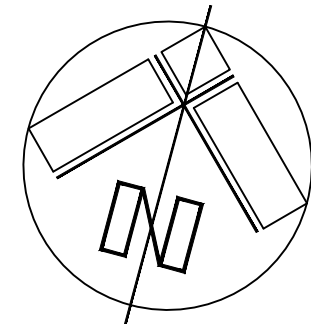
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Project: _____

Master Plan For the Township Of Wilmot
PUBLIC WORKS
FACILITY EXPANSION
Township Road #16, Baden ON

PROPOSED SITE PLAN MASTER PLAN

Drawn By: TR	Job Captain: MH	Project No.:
Scale: AS NOTED		2444
Plot Date: 2024-12-04		Sheet No.:
Current Issue: B	Current Revision: -	SK3-1

THE TOWNSHIP OF WILMOT - PUBLIC WORKS DEPARTMENT, HIRED a+LINK ARCHITECTURE INC., TO PROVIDE MASTER PLANNING AND PROGRAMMING SERVICES FOR THEIR NEW PUBLIC WORKS OPERATIONS CENTRE & PUBLIC WORKS LAND EXPANSION.

THE PROPOSED MASTER PLAN INCLUDES:

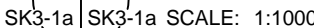
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PHASING DRAWINGS HAVE BEEN PROVIDED AS AN ILLUSTRATION OF ONE POSSIBILITY FOR THE PROJECT. THIS PUBLIC WORKS OPERATIONS WILL NEED TO REMAIN IN OPERATIONS WHILE THE NEW PROJECTS ARE CONSTRUCTED ON SITE THE. BUDGETING AND SEQUENCING OF THE WORK WILL NEED TO BE CONSIDERED BY THE CLIENT.

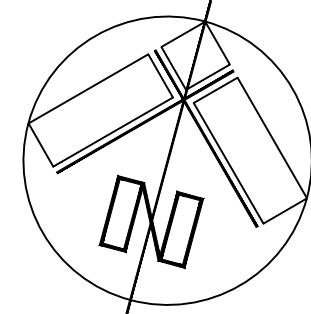
4-1a SK3-1a SCALE: N.T.S.



	Set No. _____
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NOT FOR CONSTRUCTION



Project: Master Plan For the Township Of Wilmot
PUBLIC WORKS
FACILITY EXPANSION
Township Road #16, Baden ON

Drawn By: TR	Job Captain: MH	Project No.: 2444
Scale: AS NOTED		SK3-1a
Plot Date: 2024-12-04		
Current Issue: B	Current Revision: -	

PROJECT DESCRIPTION:

THE TOWNSHIP OF WILMOT - PUBLIC WORKS DEPARTMENT, HIRED a+LINK ARCHITECTURE INC., TO PROVIDE MASTER PLANNING AND PROGRAMMING SERVICES FOR THEIR NEW PUBLIC WORKS OPERATIONS CENTRE & PUBLIC WORKS LAND EXPANSION.

REFER TO THE SPACE NEEDS ANALYSIS FOR THE PROGRAMMING AND GROSS FLOOR AREAS OF EACH BUILDING COMPONENT.

THE PROPOSED MASTER PLAN INCLUDES:

- DEMOLITION OF EXISTING BUILDINGS
- CONSTRUCTION OF A NEW PUBLIC WORKS BUILDING;
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PROJECT CHALLENGES:

THE EXISTING PARCEL HAS A NUMBER OF DESIGN CHALLENGES, THAT AFFECTED THE POSSIBLE DESIGN OPTIONS.

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- THE GEOTECHNICAL & SOILS INFORMATION FOR THE PARCELS HAVE NOT BEEN COMPLETED FOR THE SITE. IT IS RECOMMENDED TO HAVE SOIL TESTING COMPLETED TO UNDERSTAND THE EXISTING SITE CONDITIONS.

MASTER PLAN - SCOPE OF WORK:

- ALL NEW BUILDING CONSTRUCTION WOULD BE ON THE NEW EAST PARCEL.
- A NEW PUBLIC WORKS BUILDING, CONSISTING OF THE ADMINISTRATION & ENGINEERING DEPARTMENTS FACING THE HIGHWAY, WITH THE FLEET STORAGE GARAGE, REPAIR GARAGE AND SUPPORT SPACES TO THE NORTH. THIS BUILDING WOULD INCLUDE GROUP D - OFFICES, GROUP F2 - REPAIR GARAGE, AND GROUP F3 - STORAGE GARAGE. THIS BUILDING IS DESIGN AS A PRE-ENGINEERED BUILDING, WHICH IS MODULAR, EXPANDABLE, AND MULTI-BAYED. FLEET ACCESS WOULD BE FROM EITHER THE EAST OR WEST SIDES.
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- SPACE FOR EXTERIOR STORAGE HAS BEEN SHOWN ON THE PLANS.
- THE TOWNSHIP OF WILMOT WILL NEED TO DETERMINE THE SCOPE AND INTENT FOR ANY SITE FENCING AND SECURITY.

CONSTRUCTION PHASING:

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2

SK3-1b | SK3-1b SCALE: N.T.S.

NOTES

1

SK3-1b | SK3-1b SCALE: 1:1000

PROPOSED SITE PLAN - PHASING PLAN 2

Set No.

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Master Plan For the Township Of Wilmot
**PUBLIC WORKS
FACILITY EXPANSION**
Township Road #16, Baden ON

Drawing:

**PROPOSED SITE PLAN -
PHASING PLAN 2**

Drawn By:
TR

Job Captain:
MH

Project No.:
2444

Scale:
AS NOTED

Plot Date:
2024-12-04

Current Issue:
B

Sheet No.:
SK3-1b

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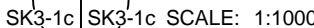
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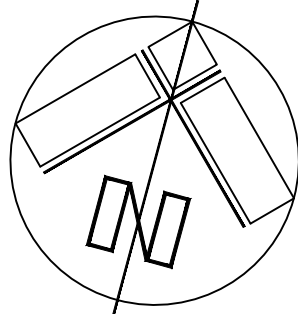
	SALT STORAGE BUILDING AREA = 2106.79m ²
	FLEET STORAGE VEHICLE AREA = 650.30m ²
	VEHICLE WASHBAY - INDOOR AREA = 260.12m ²
	PUBLIC WORKS BULK STORAGE AREA = 139.35m ²
	PUBLIC WORKS SHOP AREA = 167.22m ²
	ADMIN SPACE AREA = 929m ²
	FLEET SERVICE SHOP AREA = 650.30m ²
	PUBLIC WORKS TOOLS STORAGE AREA = 58.06m ²
	PUBLIC WORKS PARTS STORAGE AREA = 260.12m ²

NOTES:

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. DO NOT SCALE DRAWINGS.
3. REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS, OR DISCREPANCIES TO THE ARCHITECT OR DESIGN ENGINEER AS APPLICABLE.
4. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED: "ISSUED FOR CONSTRUCTION".
5. THE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT AND/OR ENGINEER AND MUST BE RETURNED ON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.
6. AREA CALCULATIONS ARE APPROXIMATE.
7. DATE FORMAT: YYYY-MM-DD

ISSUE & REVISION DESIGNATION		
LETTER (A) = ISSUE , No. (1) = REVISION		
No.	Date	Issued For / Revisions
A	2024-11-08	ISSUED FOR CLIENT REVIEW
B	2024-12-04	ISSUED TO CLIENT - FINAL CONCEPT

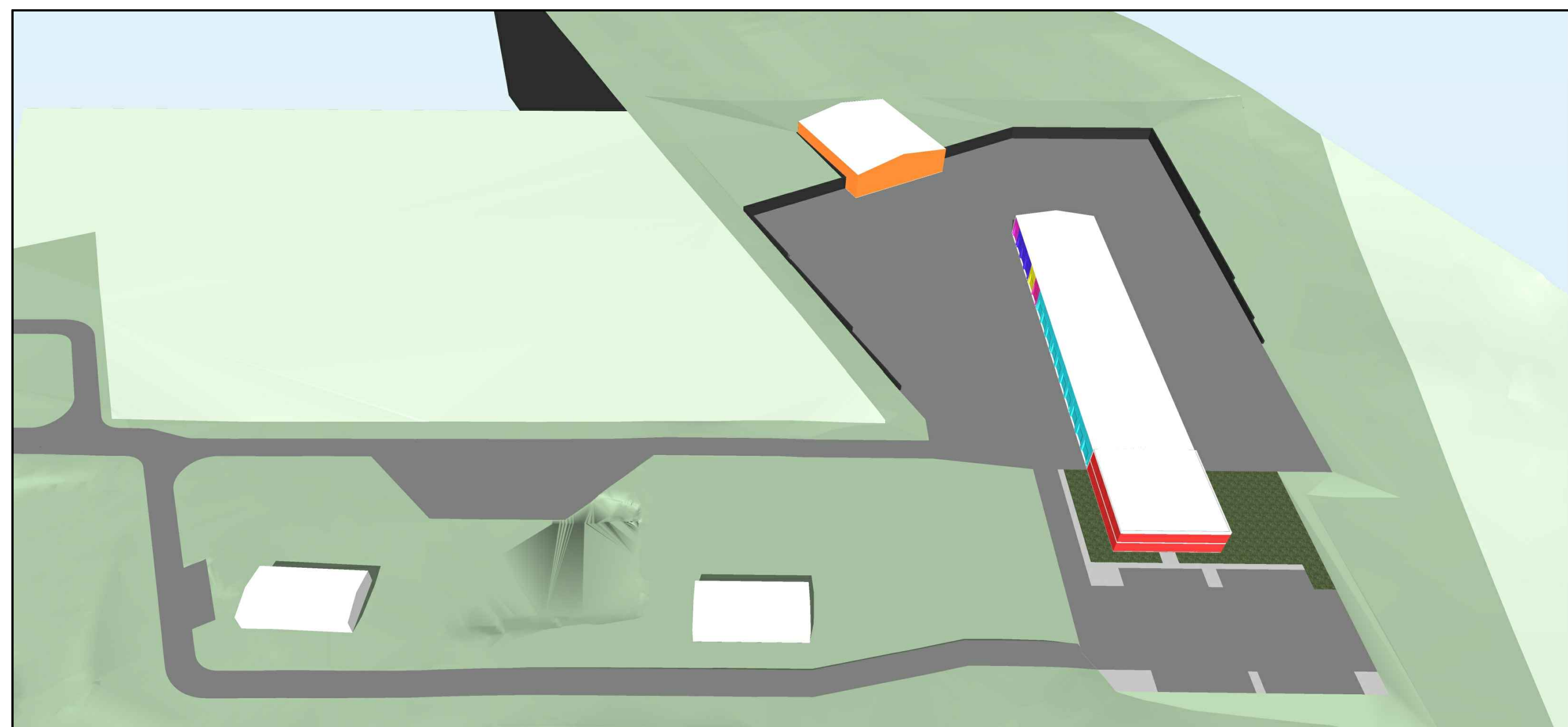
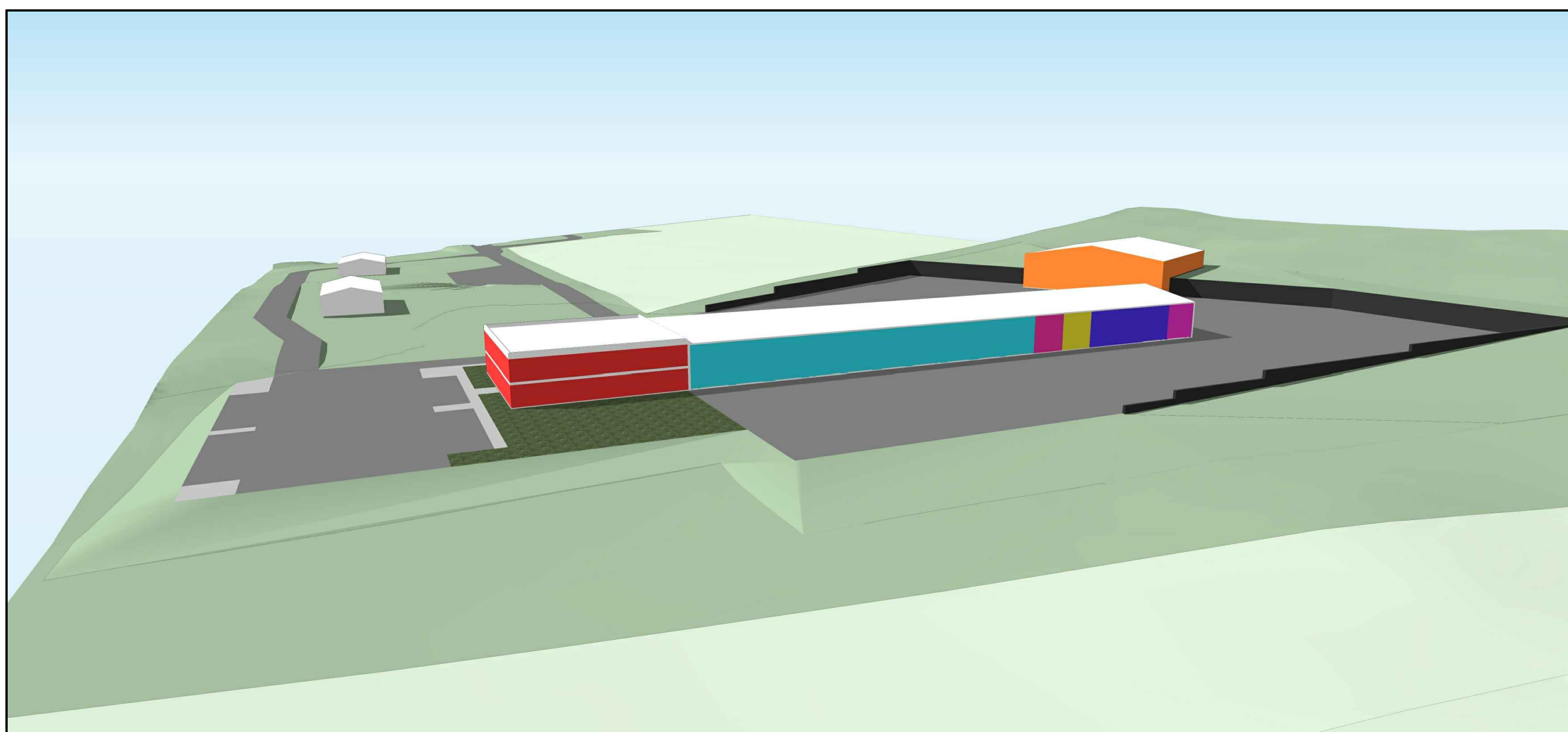
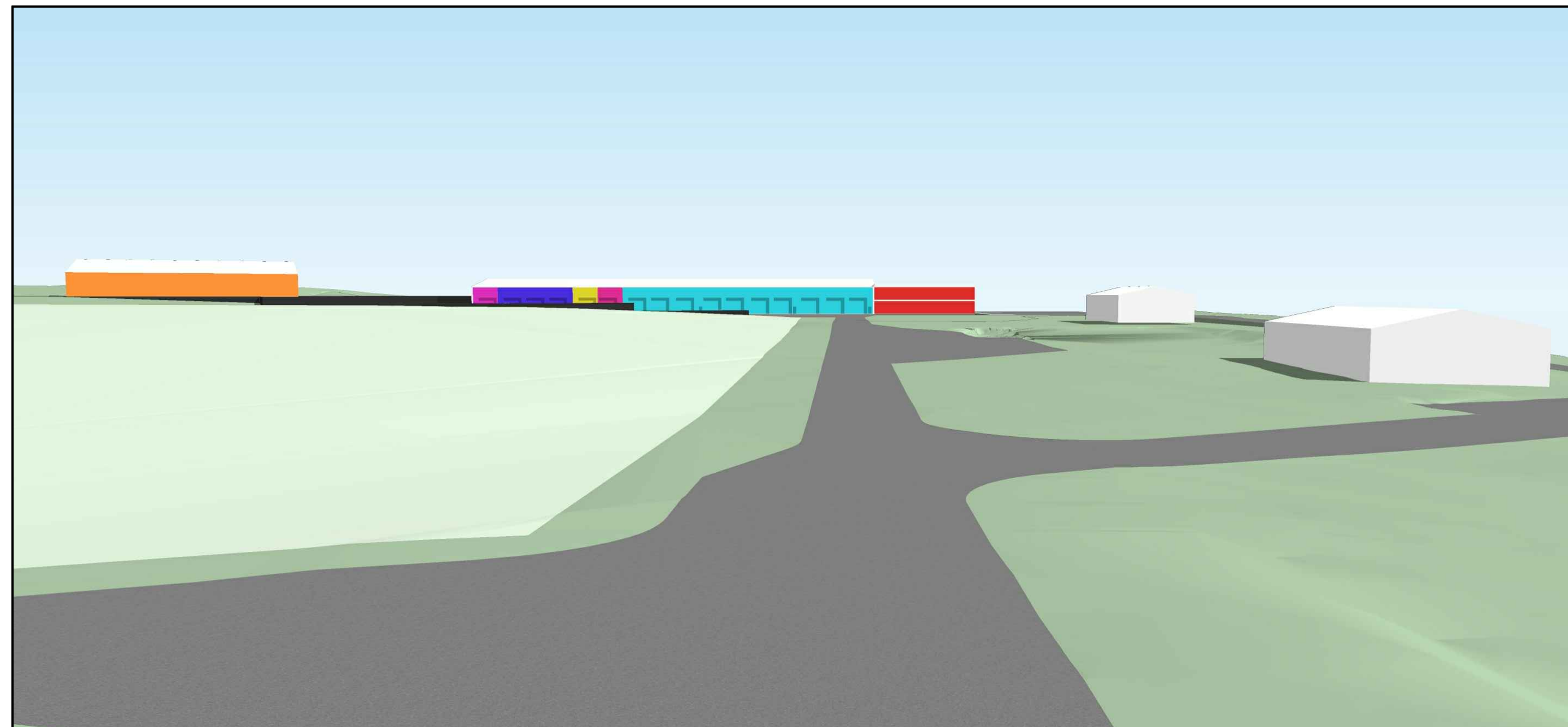
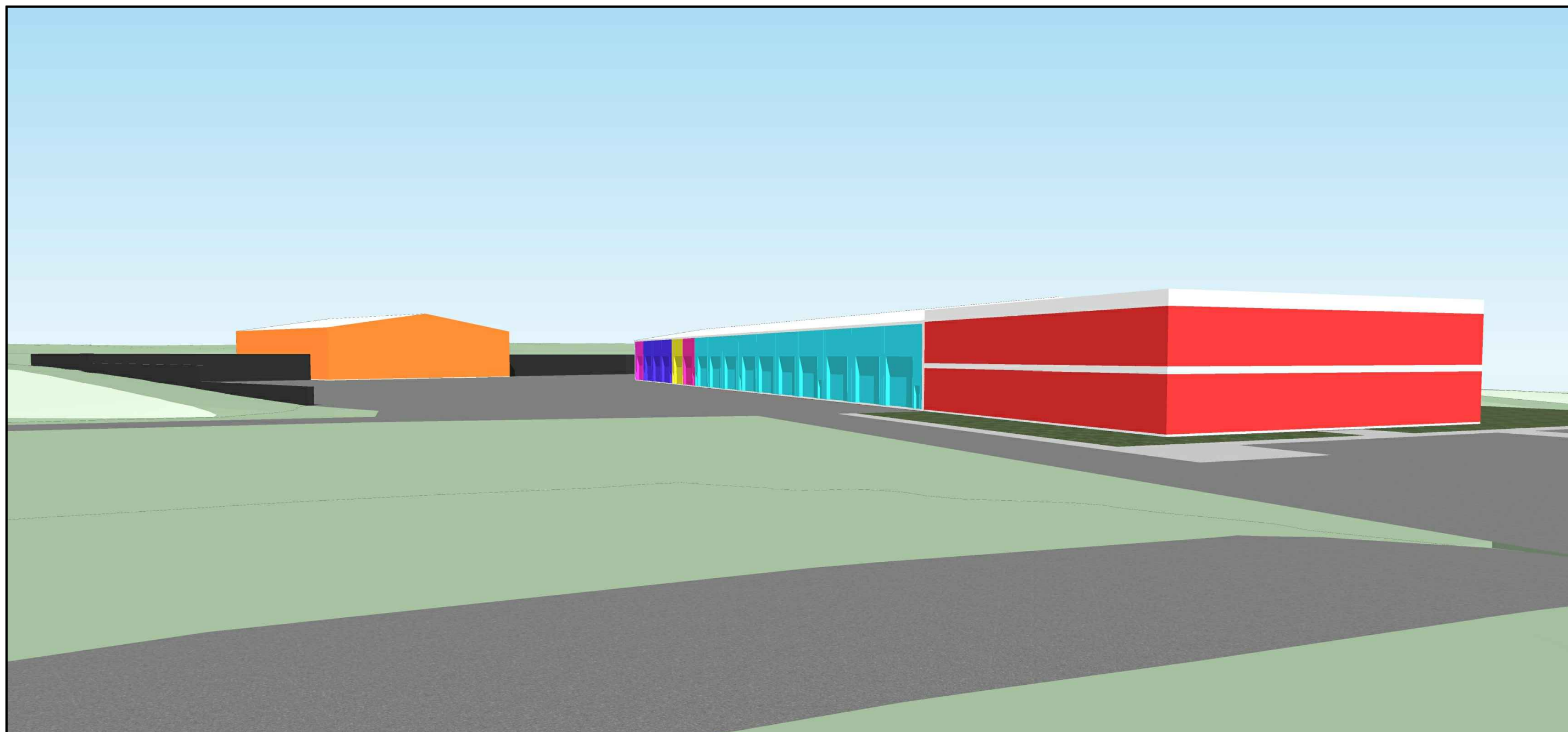
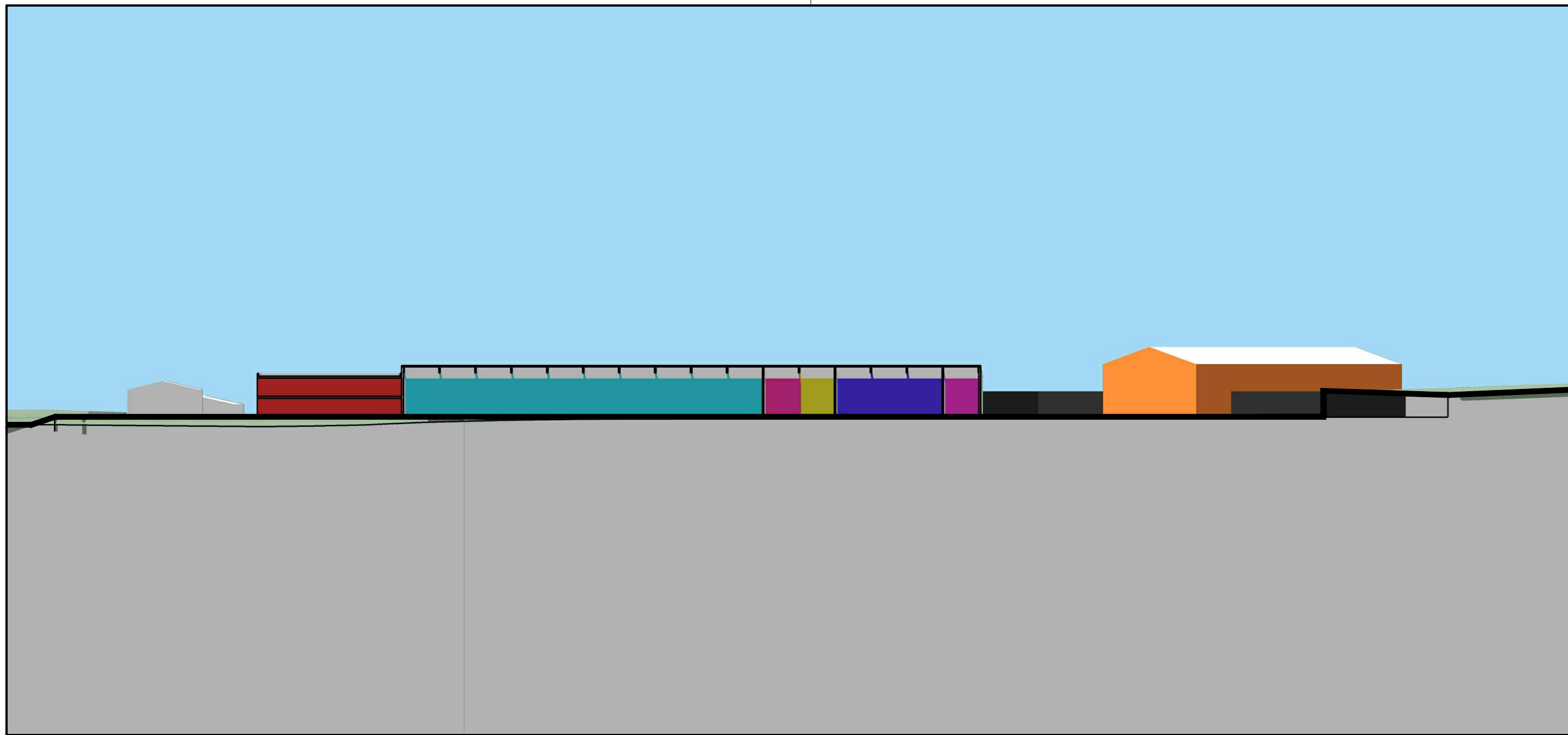
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Project: Master Plan For the Township Of Wilmot
PUBLIC WORKS
FACILITY EXPANSION
Township Road #16, Baden ON

Drawn By: TR	Job Captain: MH	Project No.: 2444
Scale: AS NOTED		
Plot Date: 2024-12-04		Sheet No.: SK3-1c
Current Issue: B	Current Revision: -	



et No.

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PUBLIC WORKS
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Township Road #16, Baden ON

PROPOSED MASTER PLAN 3D MASSING CONCEPT

Drawn By: TR	Job Captain: MH	Project No.: 2444
Scale: AS NOTED		
Plot Date: 2024-12-04		Sheet No.: A3.0
Current Issue: A	Current Revision: -	