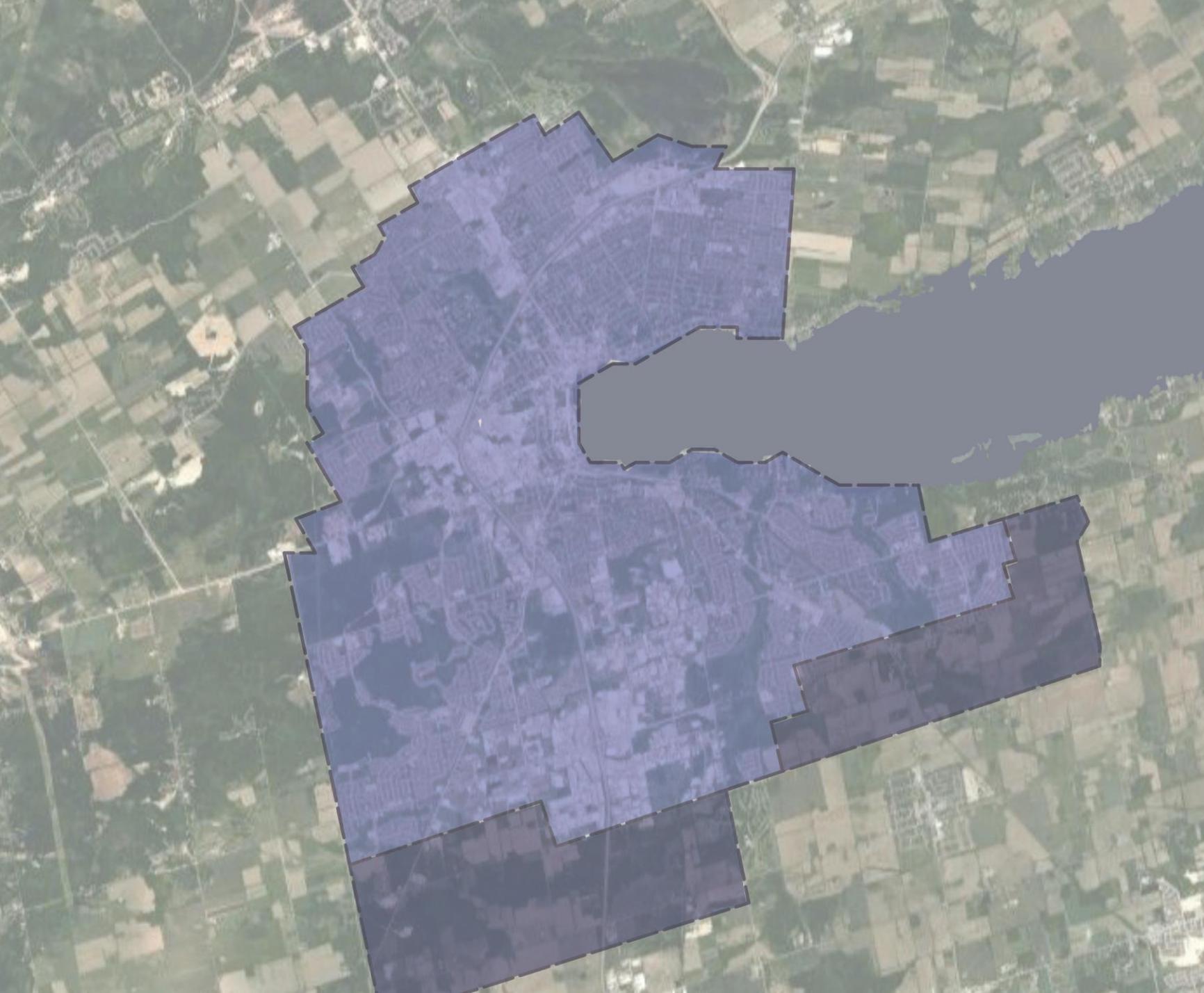


BARRIE COUNCIL PRESENTATION

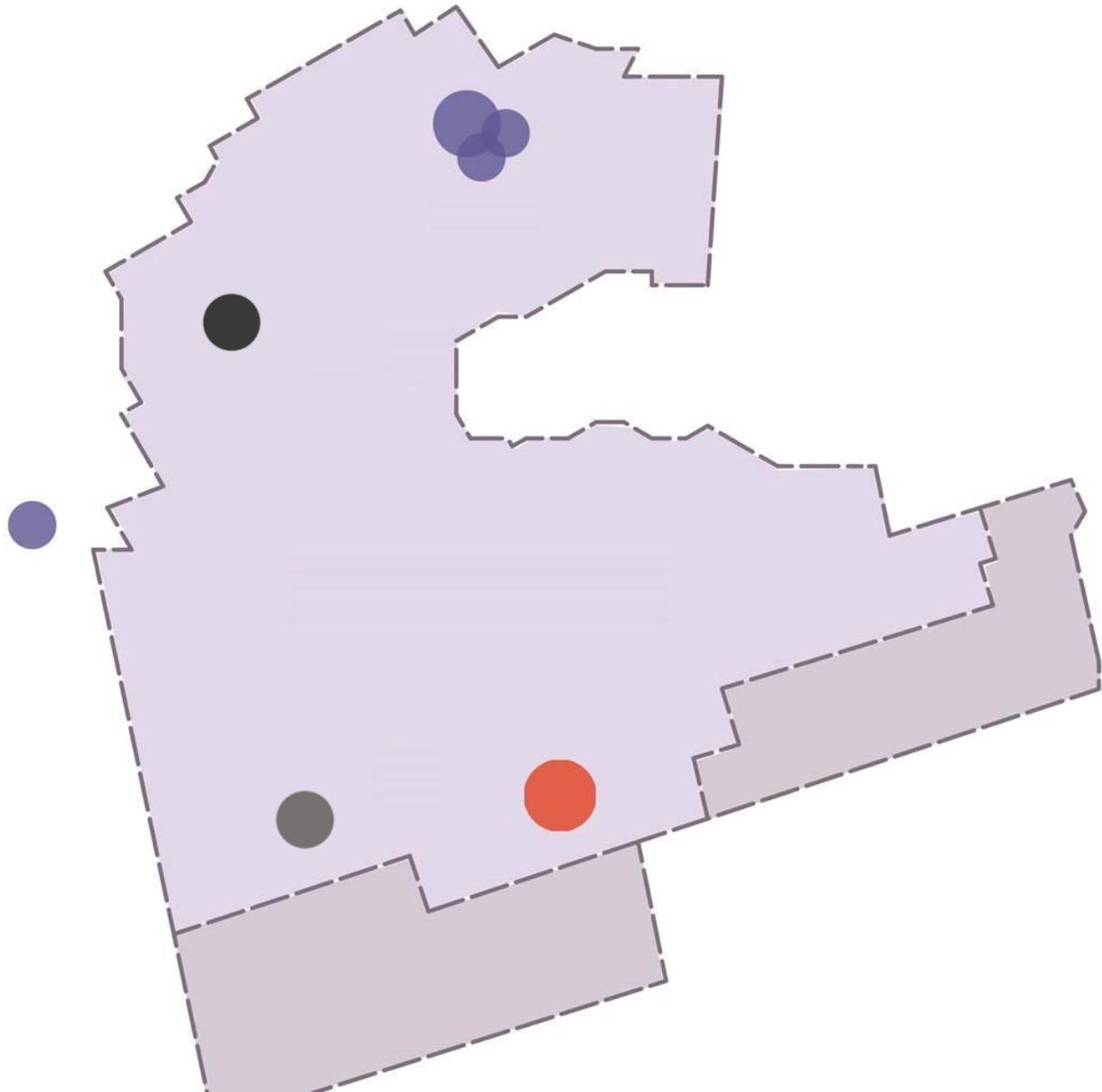
BARRIE – SIMCOE EMERGENCY SERVICES CAMPUS





WHY

- Current City Boundary
- Current Population
= 150,000 people
- Boundary Expansion
- 2031 Population
= 210,000 people
- 2040 Population
= 241,000 people



WHY

Barrie Police Service

- 29 Sperling Dr.
- 60 Bell Farm Rd.
- 79 Bell Farm Rd.

- Rented Outdoor Firearms Range Location

Barrie Fire and Emergency Service

- 5 Fire Hall Locations

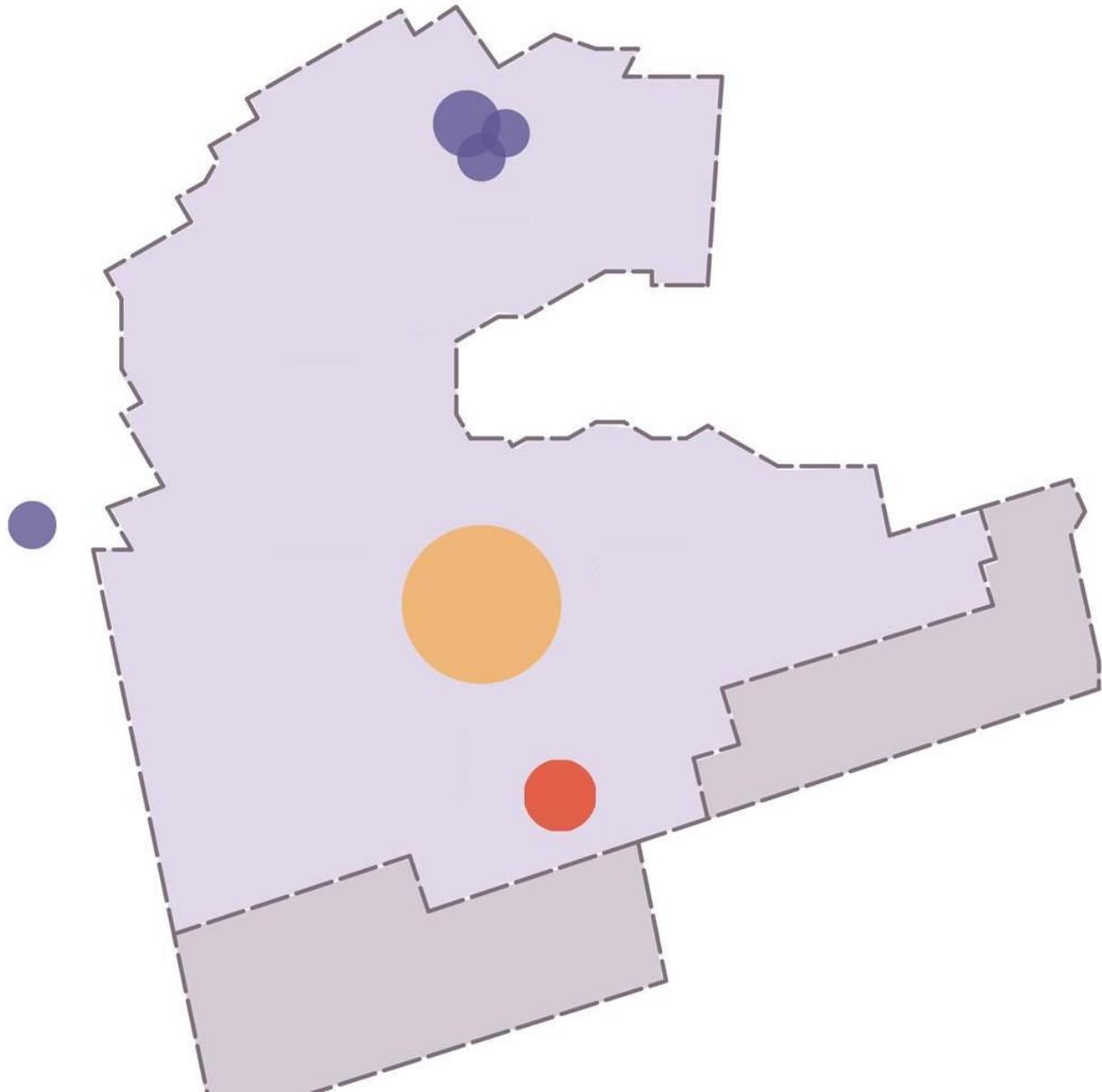
- Temporary Fire Training

Roads Parks and Fleet

- Operations Master Plan

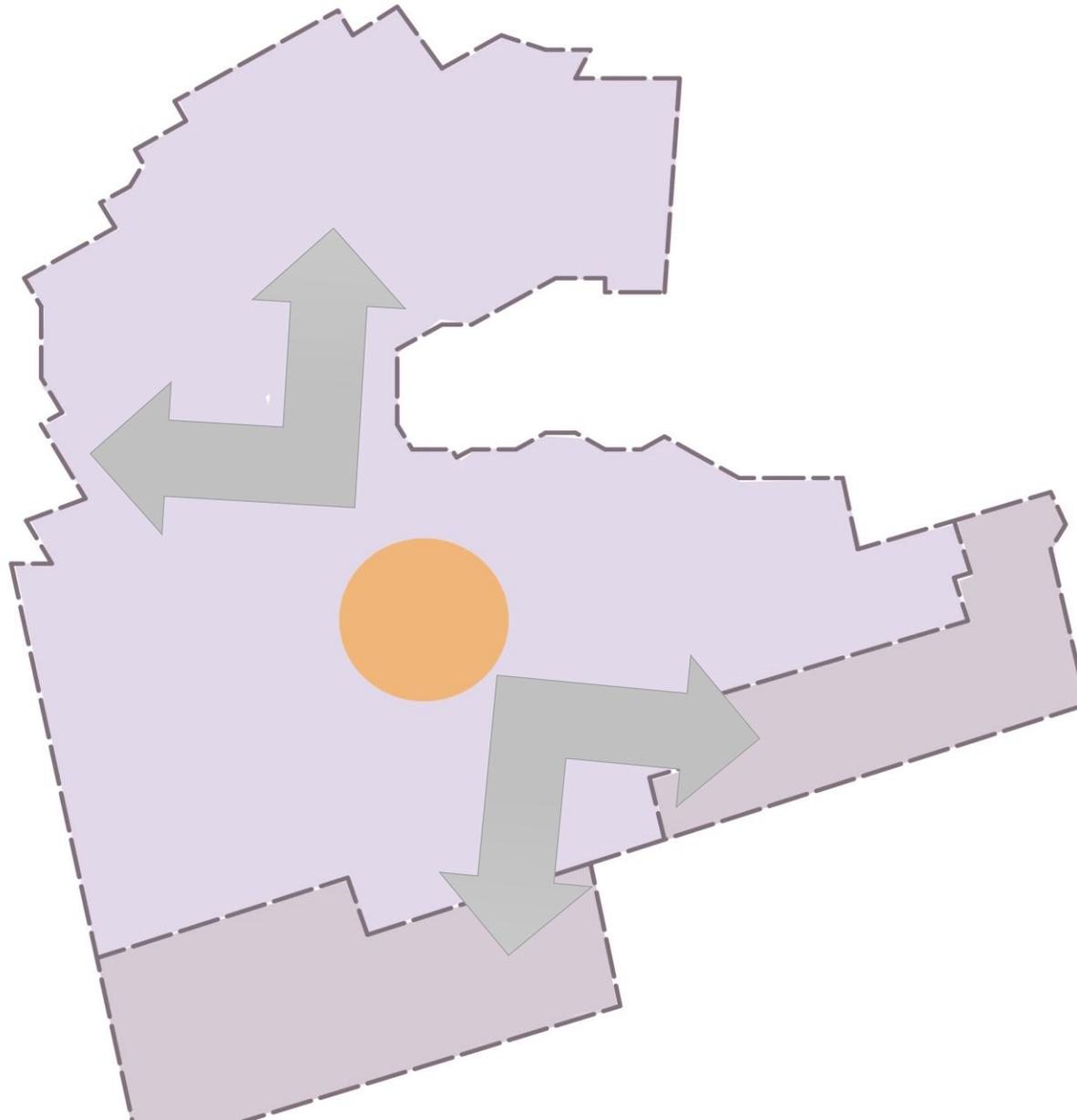
WHY

Centralized Campus



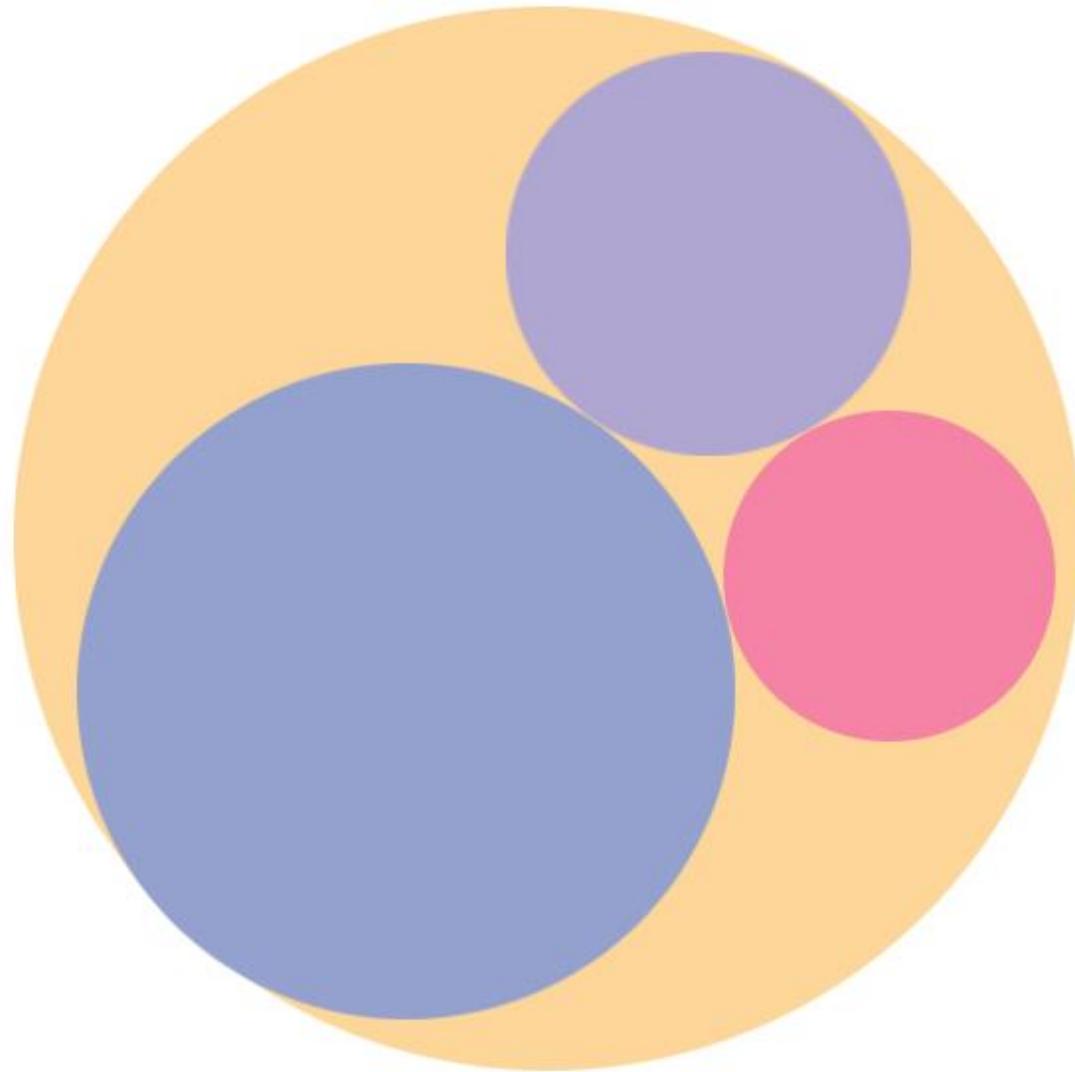
WHY

Centralized Campus



WHO

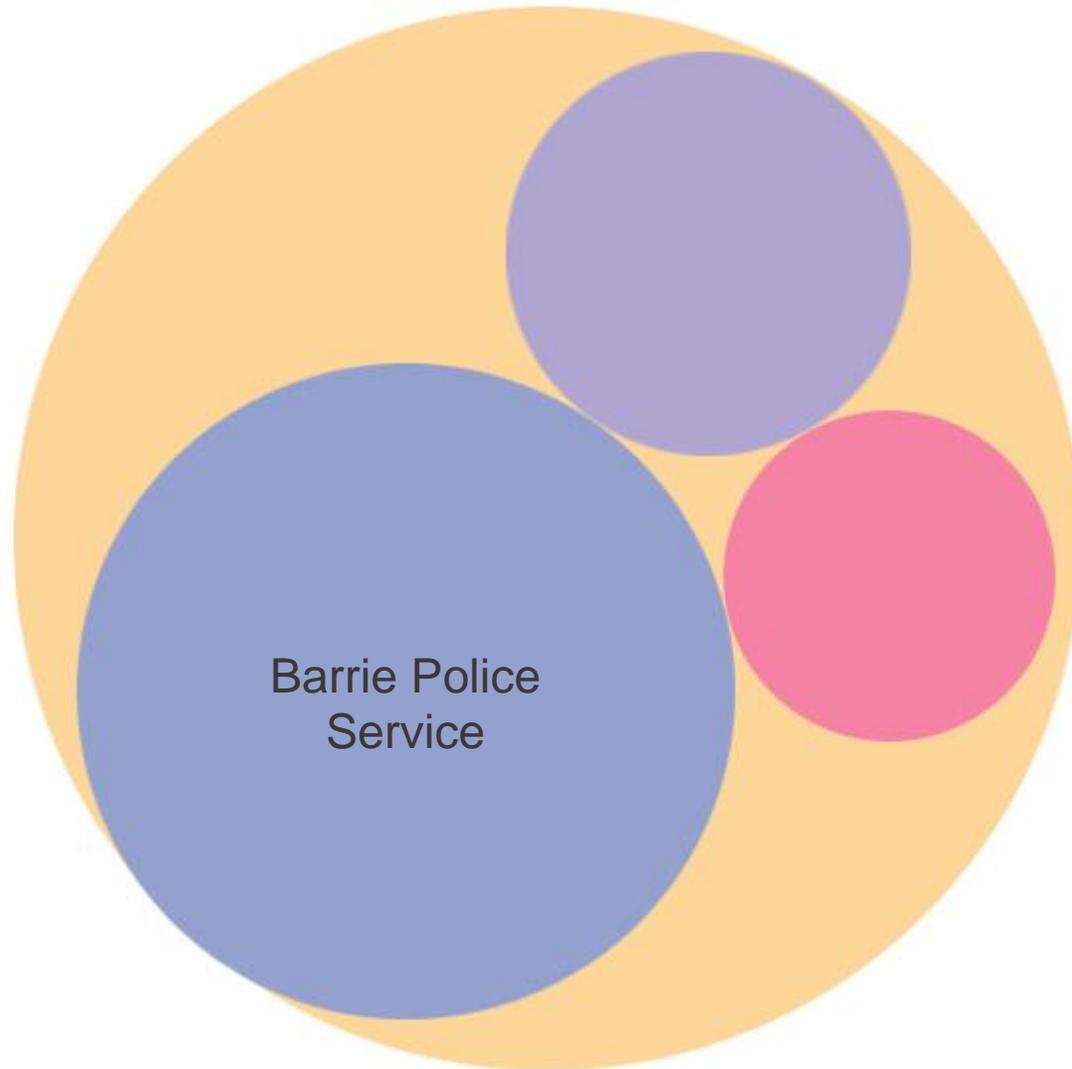
Centralized Campus



WHO

Centralized Campus

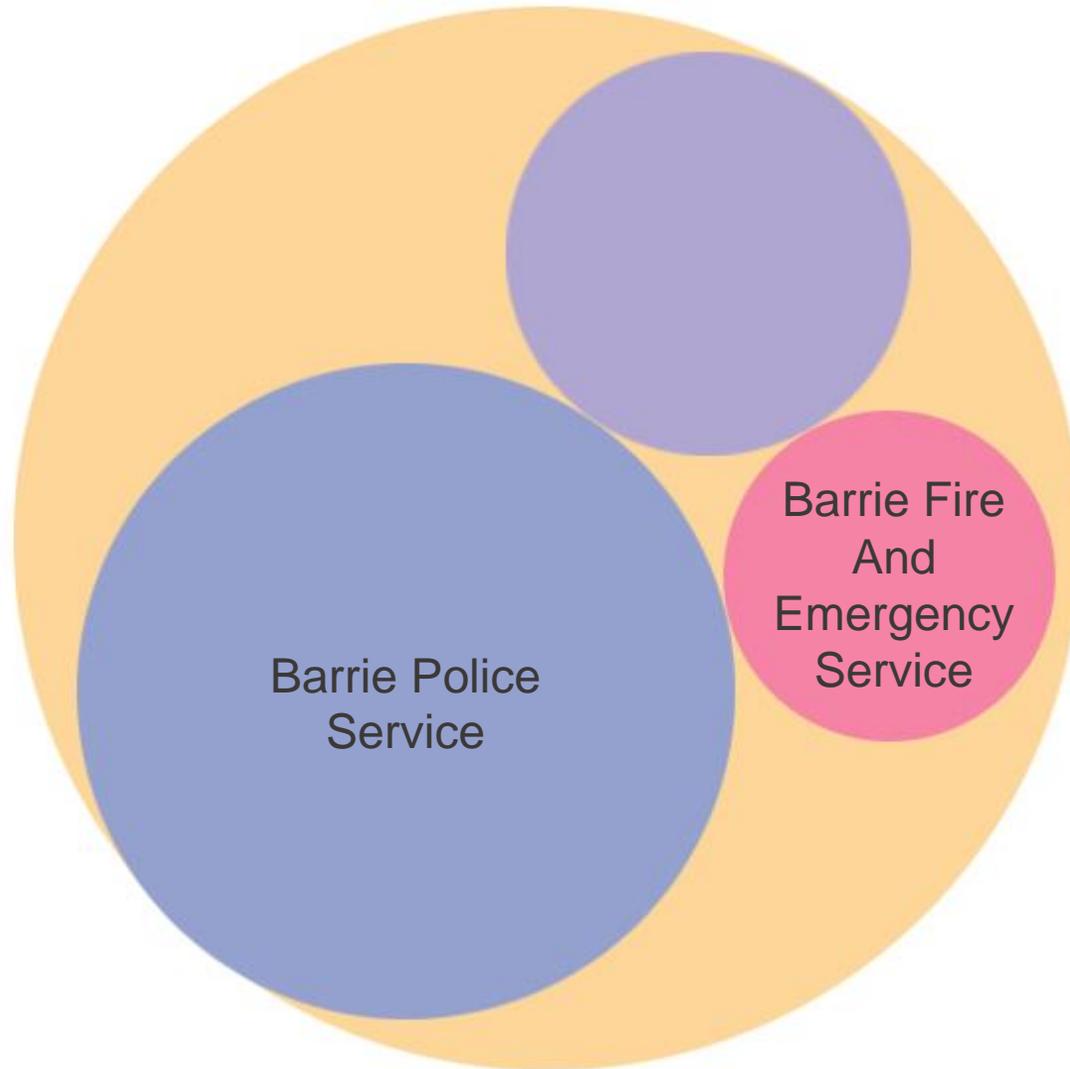
- Barrie Police Service (BPS)



WHO

Centralized Campus

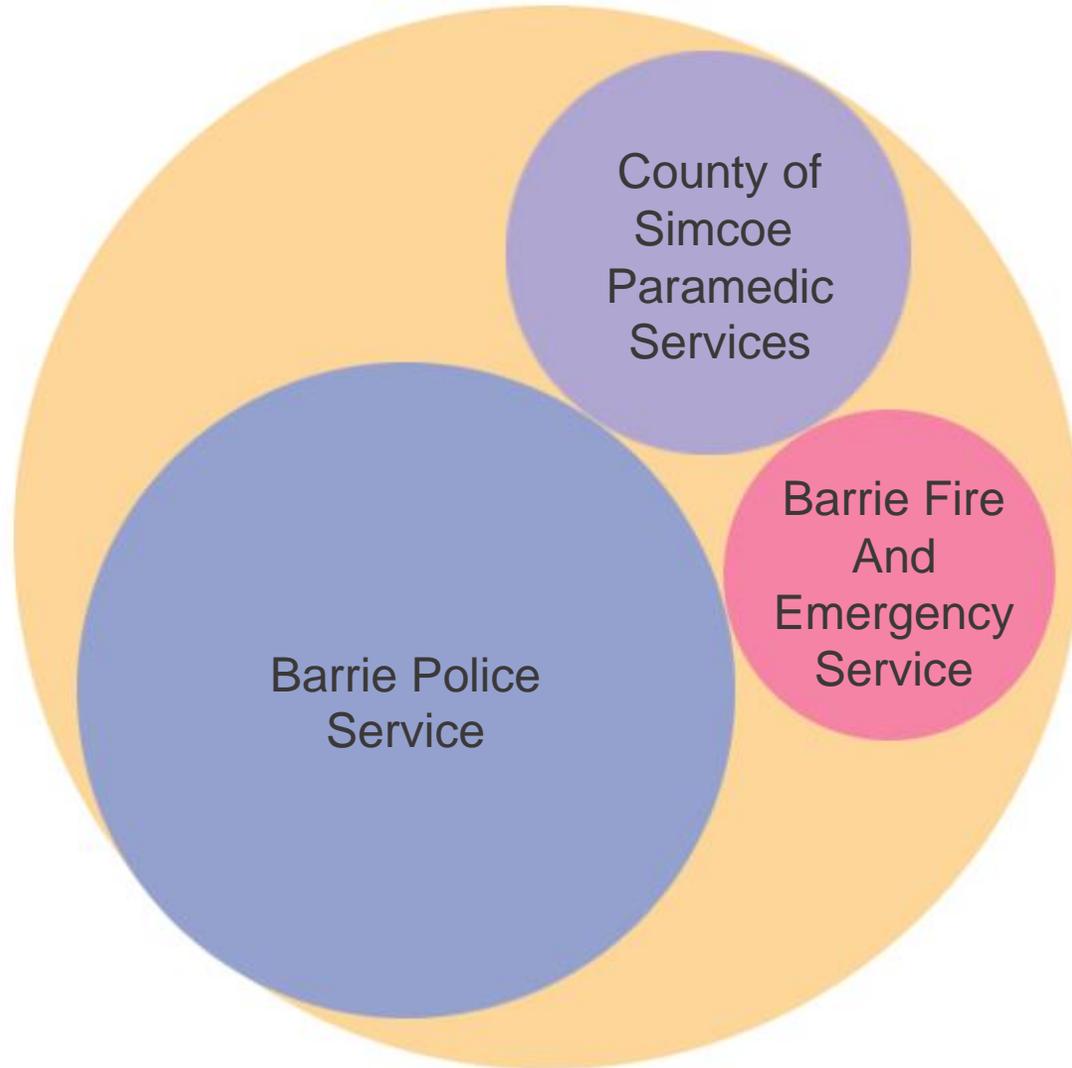
- Barrie Police Service (BPS)
- Barrie Fire and Emergency Service (BFES)



WHO

Centralized Campus

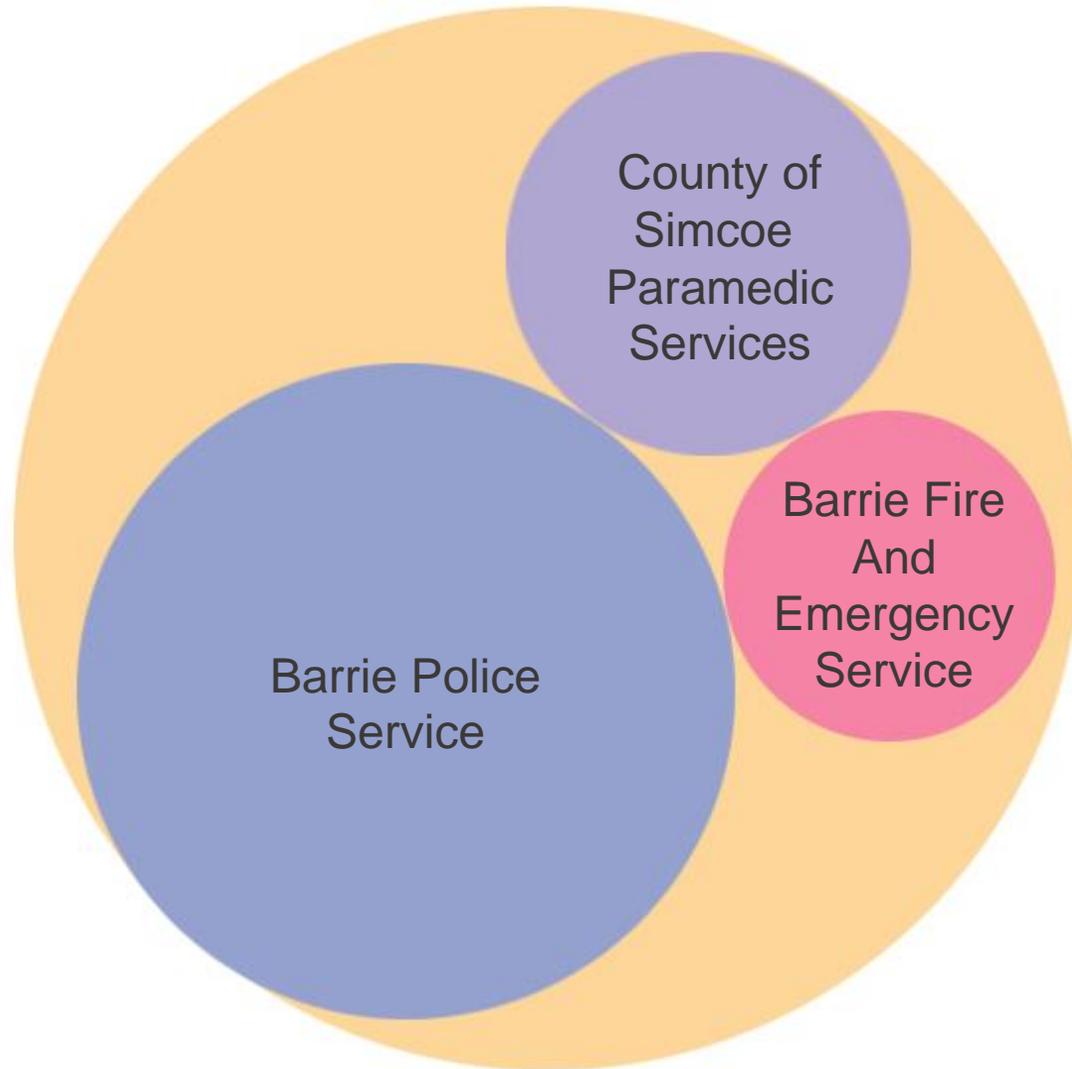
- Barrie Police Service (BPS)
- Barrie Fire and Emergency Service (BFES)
- County of Simcoe Paramedic Services (CSPS)



WHY

Benefits of Co-Location

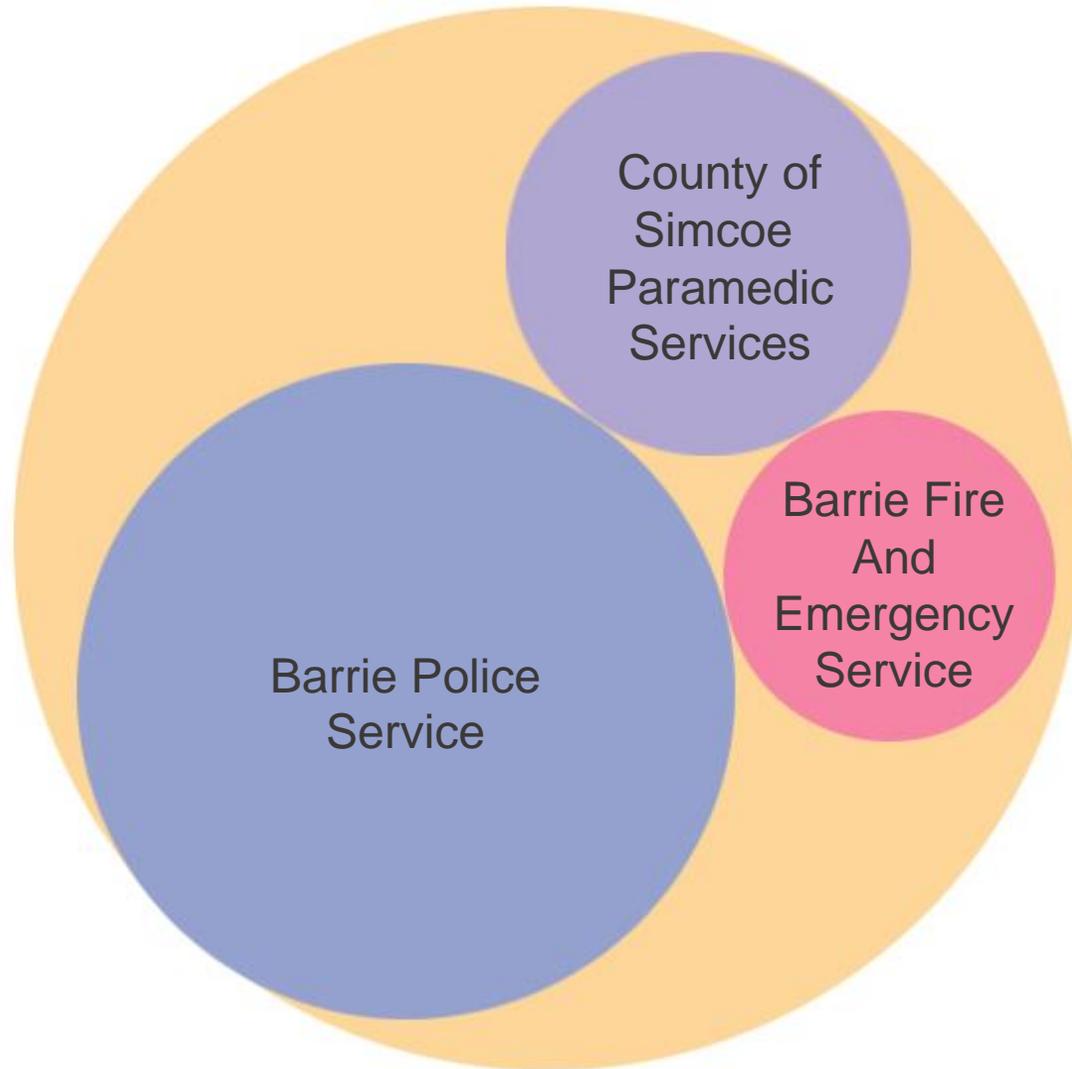
- Community Benefits



WHY

Benefits of Co-Location

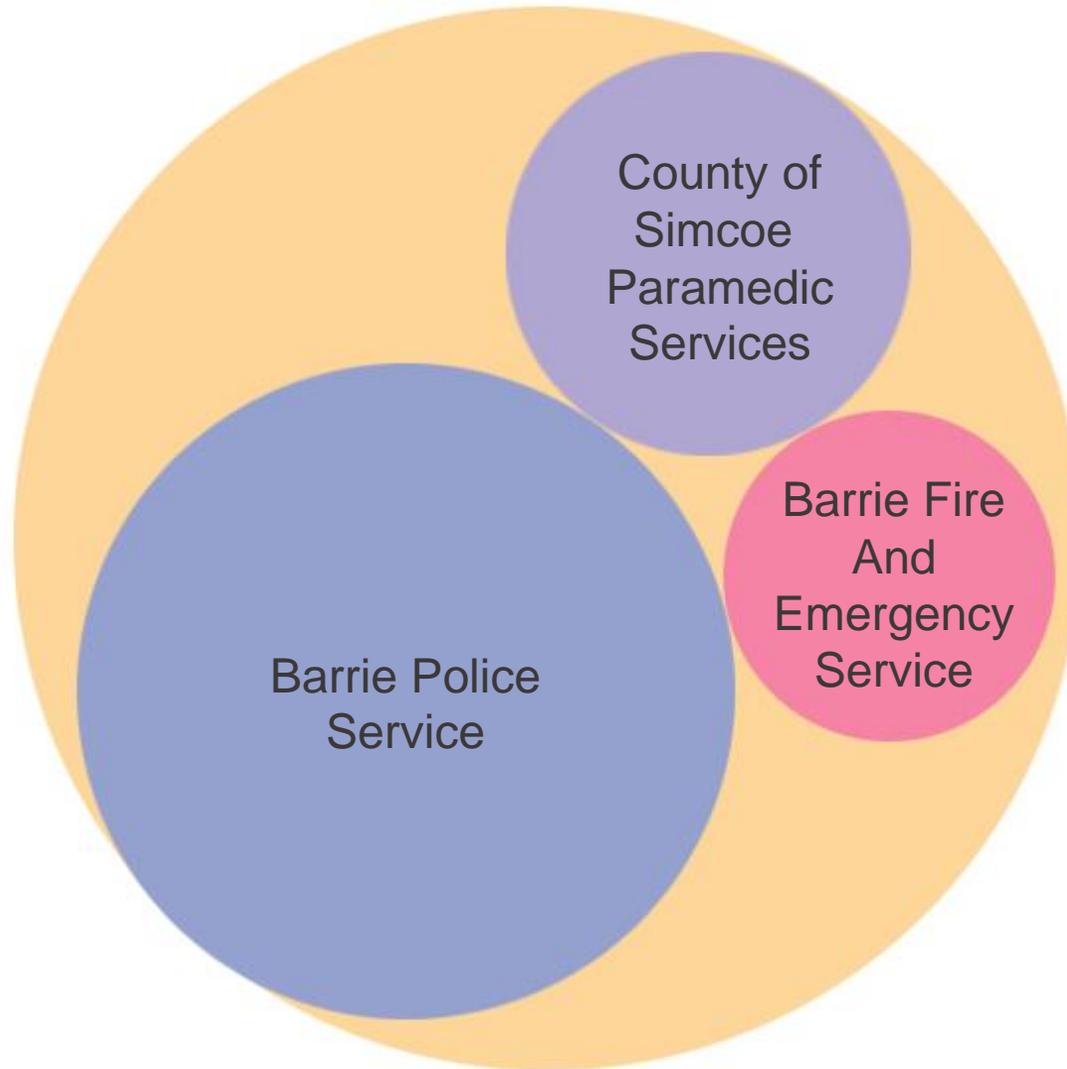
- Community Benefits
- Capital Cost Savings



WHY

Benefits of Co-Location

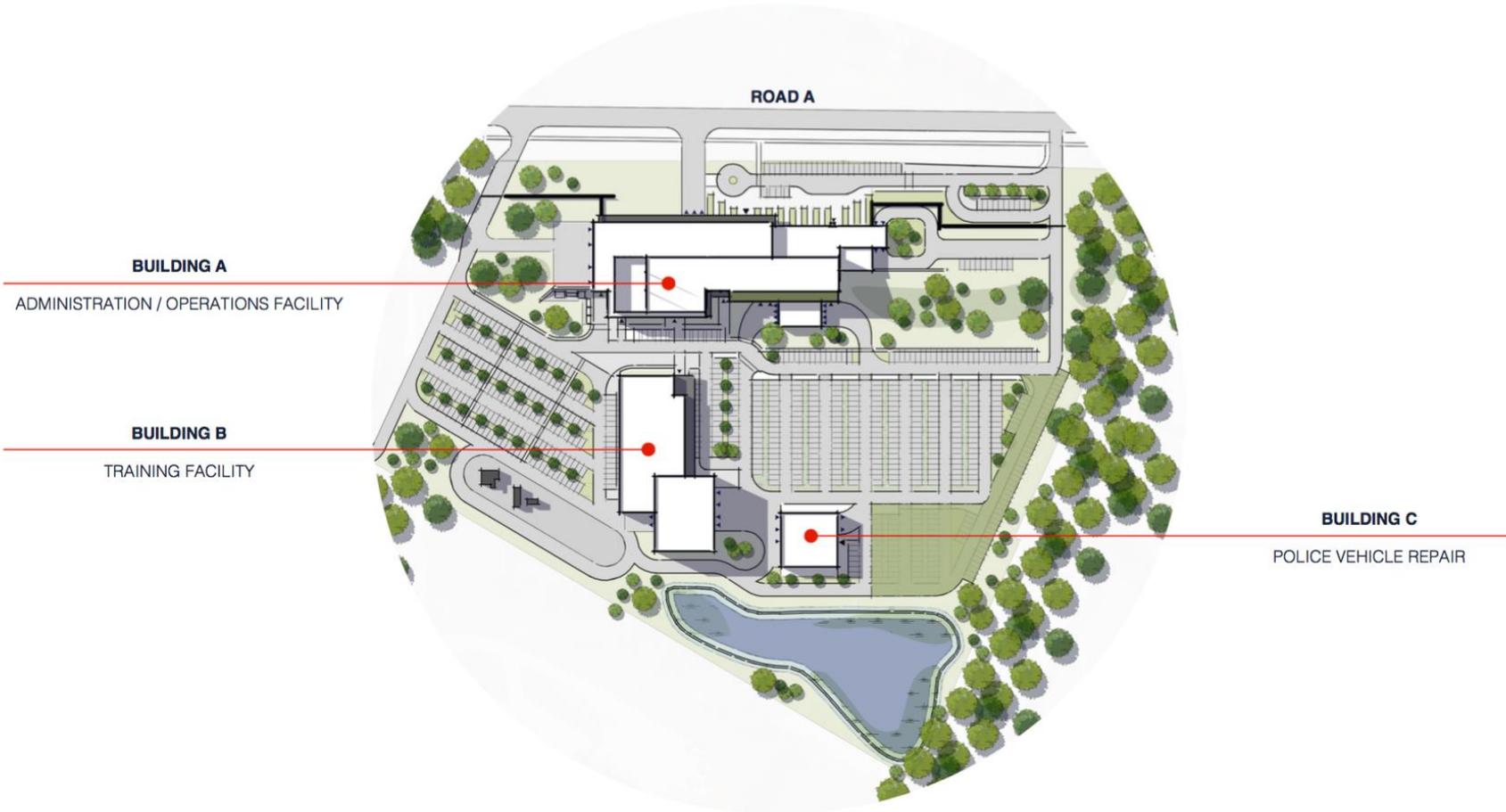
- Community Benefits
- Capital Cost Savings
- Operational Benefits



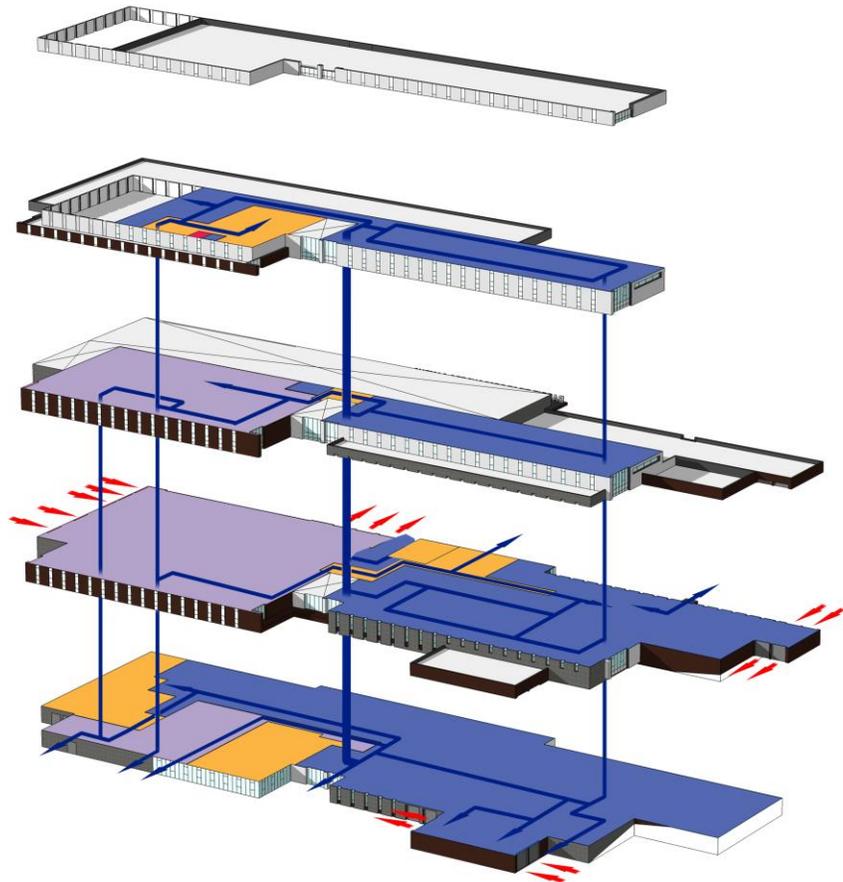
WHAT

Site Plan

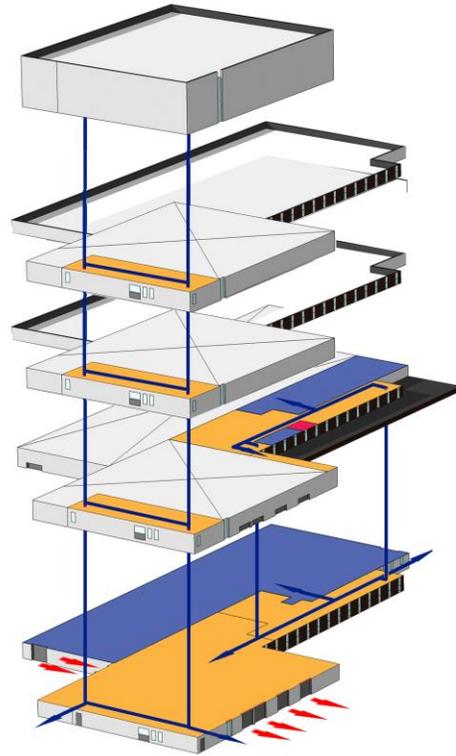
- Elements
- 3 vs. 1 Building
- Community Benefits
- Simple Wayfinding
- Building Siting
- Shared Space



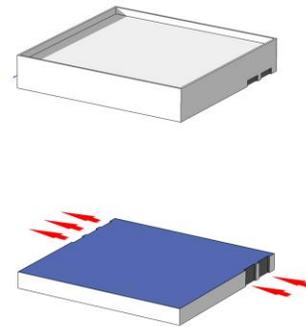
WHAT



Building A



Building B



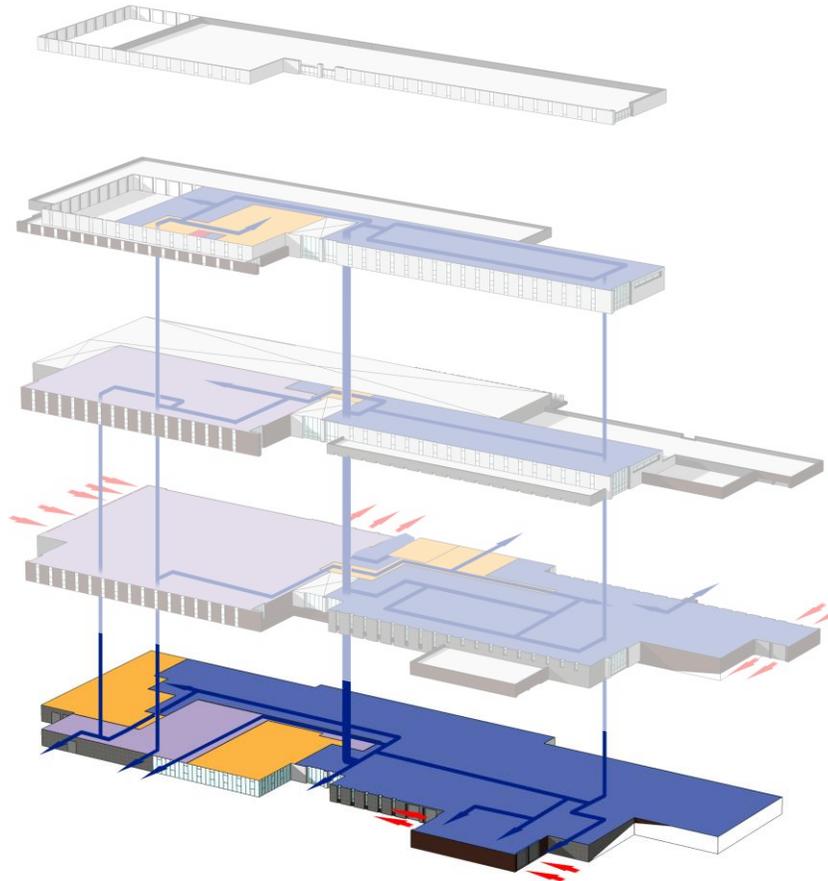
Building C

-  BARRIE POLICE SERVICE (BPS)
-  COUNTY OF SIMCOE PARAMEDIC SERVICES (CSPS)
-  BARRIE FIRE AND EMERGENCY SERVICE (BFES)
-  SHARED SPACE

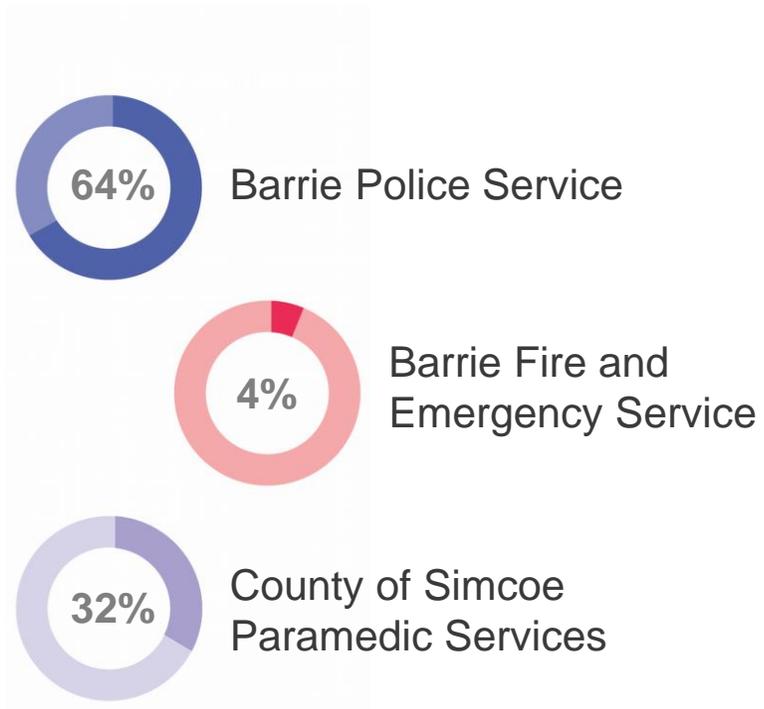
WHAT

Building A: Level One

- Fitness Centre
- Lunchroom
- Sworn and Civilian Lockers
- Property & Evidence
- Quartermaster
- Forensics
- Tactical
- Gear Bags
- Gun Storage
- Fleet Garage



Building A
179,208 sq.ft.



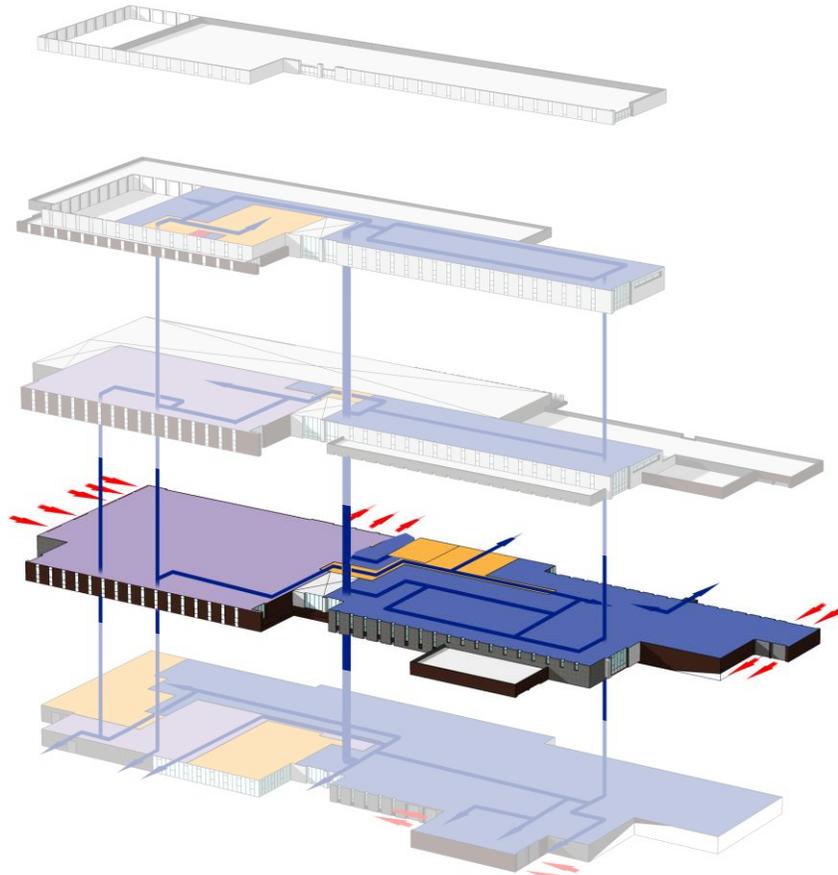
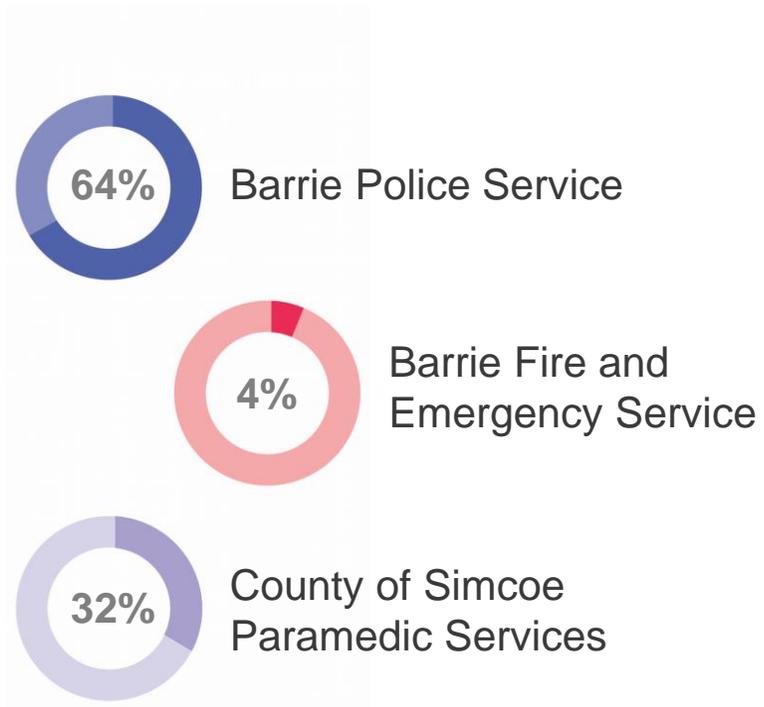
- BARRIE POLICE SERVICE (BPS)
- COUNTY OF SIMCOE PARAMEDIC SERVICES (CSPS)
- BARRIE FIRE AND EMERGENCY SERVICE (BFES)
- SHARED SPACE

WHAT

Building A: Level Two

- Public Lobby / Community Room
- Accident Reporting
- VCARS
- BPS Board
- Media
- Interview Rooms
- Detention
- Records
- Community Services / Traffic
- Operational Support
- County Paramedic Vehicle Bays
- County Paramedic Central Stores and Logistics
- County Paramedic Crew and Active

- BARRIE POLICE SERVICE (BPS)
- COUNTY OF SIMCOE PARAMEDIC SERVICES (CSPS)
- BARRIE FIRE AND EMERGENCY SERVICE (BFES)
- SHARED SPACE

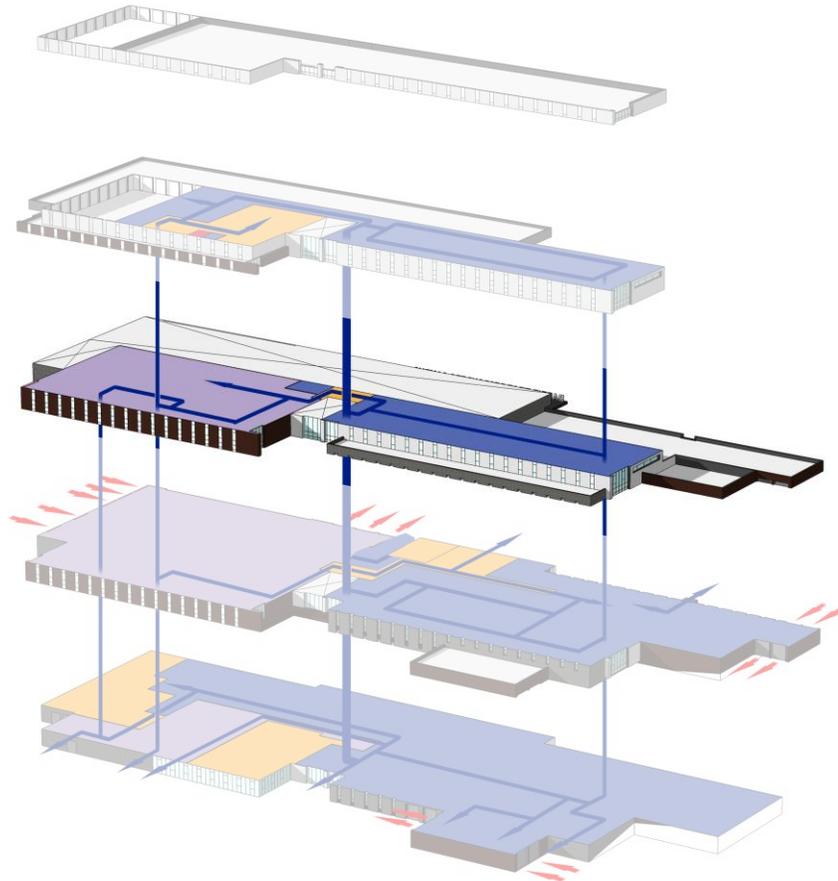


Building A

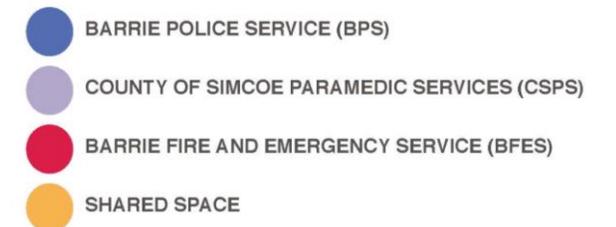
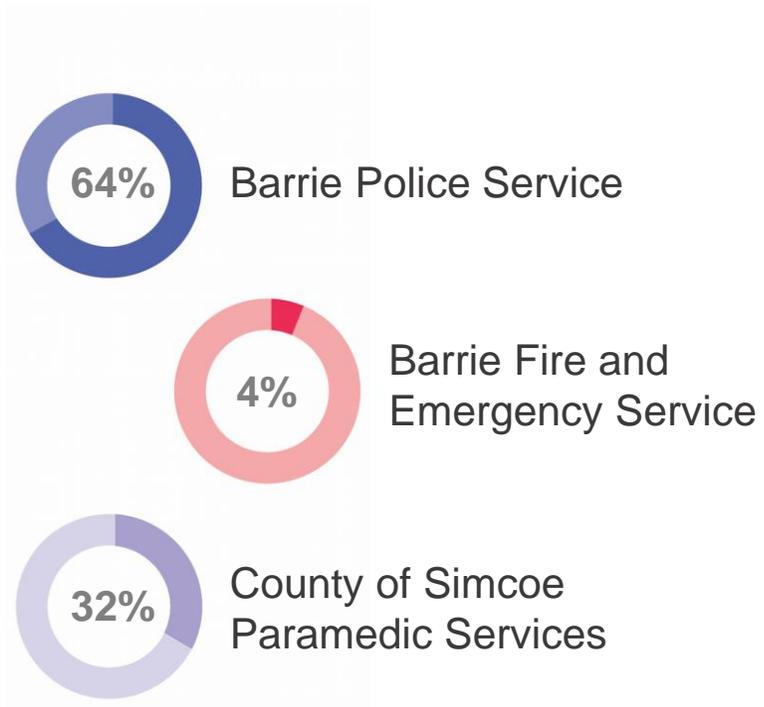
WHAT

Building A: Level Three

- General Investigative
- Specialized Investigative
- County Paramedic Offices, Training and Multi-Use spaces



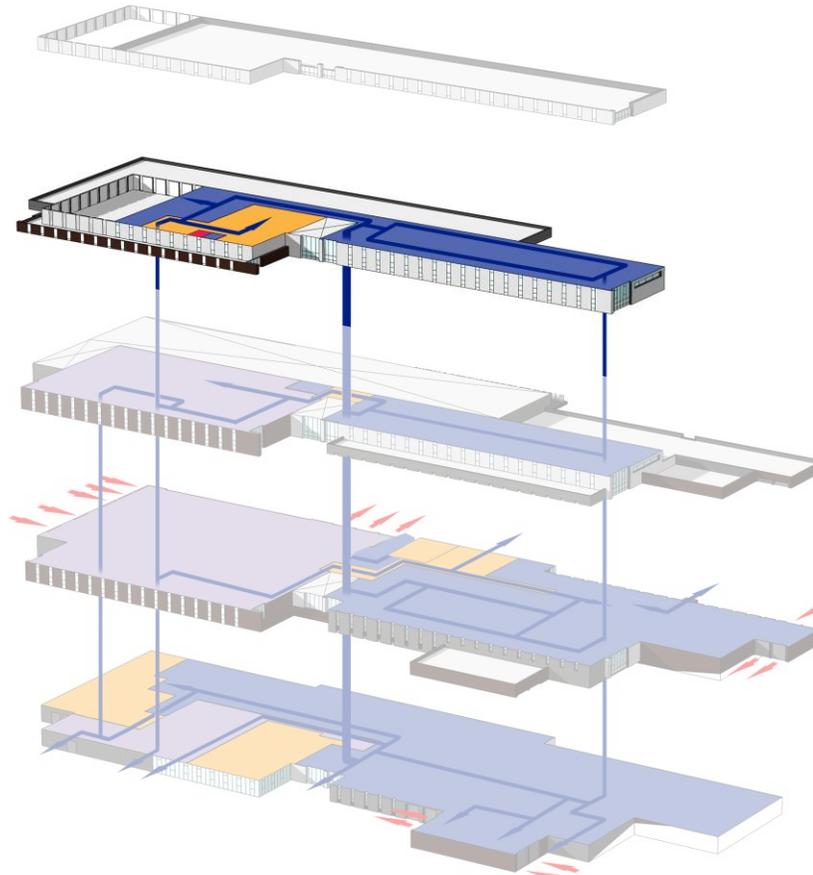
Building A



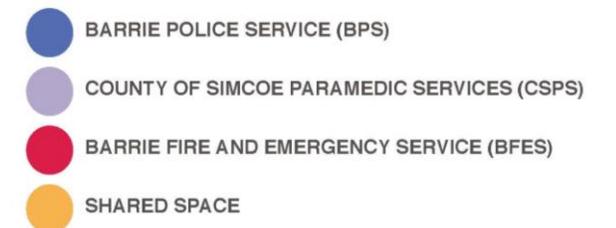
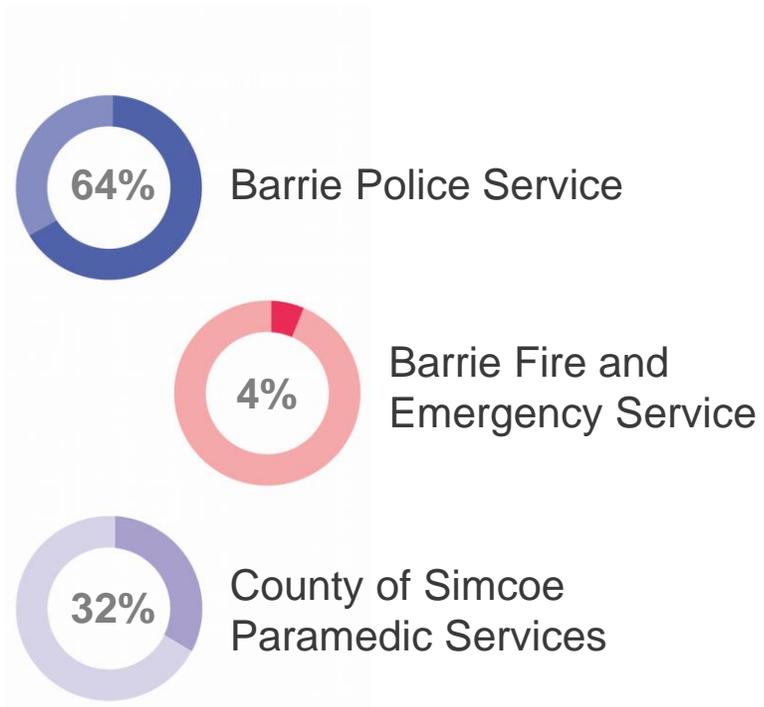
WHAT

Building A: Level Four

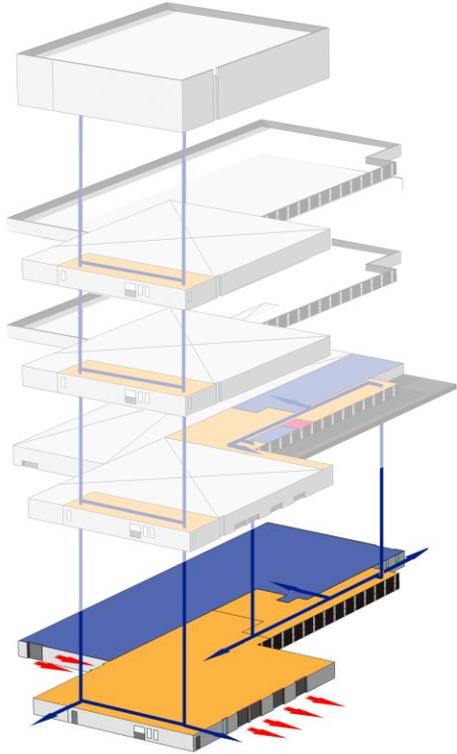
- Command
- Finance
- Human Resources
- Recruiting
- Wellness
- Professional Standards
- Communications/Dispatch
- IT and Security Unit



Building A



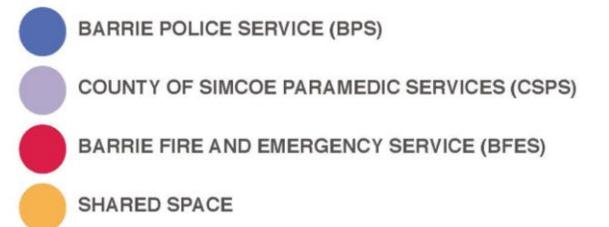
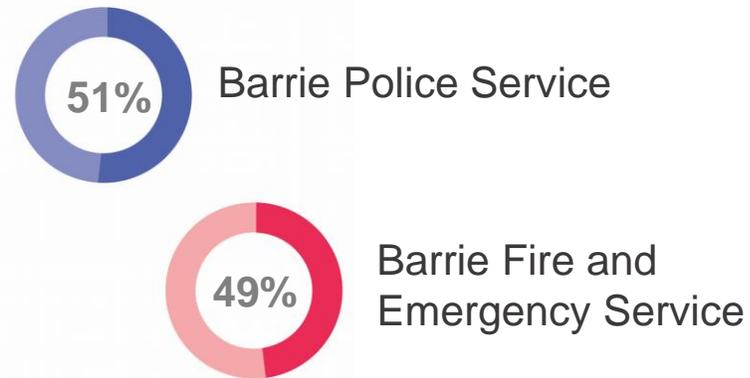
WHAT



Building B
48,500 sq.ft.

Building B: Level One

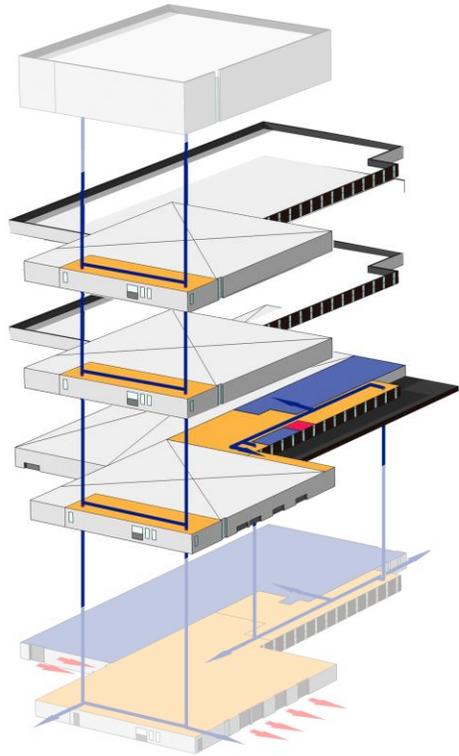
- Police Firearms Range, Classrooms and Associated Spaces
- Shared Training Classrooms
- Barrie Fire and Emergency Services Laundry, Storage, SCBA,
- Five-Storey Indoor Training Facility



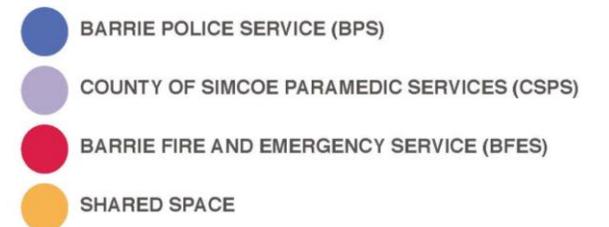
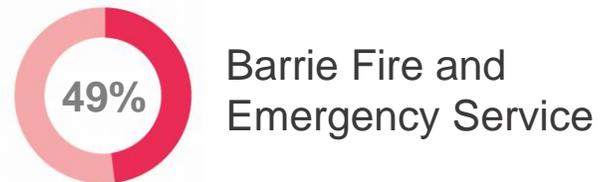
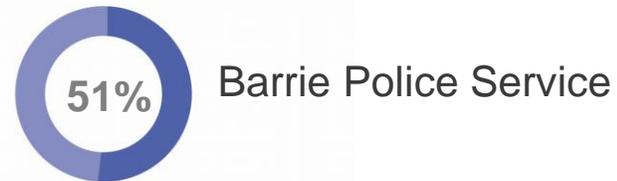
WHAT

Building B: Level Two - Four

- Police Defensive Tactics Training
- Police Simulation Training
- Shared Training Classrooms
- Barrie Fire and Emergency Services Temporary Office and Touch-down
- Levels two – four of the Indoor Training Facility



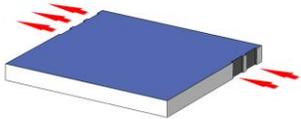
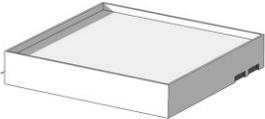
Building B
48,500 sq.ft.



WHAT

Building C: Level One

- Police Vehicle Maintenance Bays
- Maintenance Staff Offices
- Tire and Parts Storage



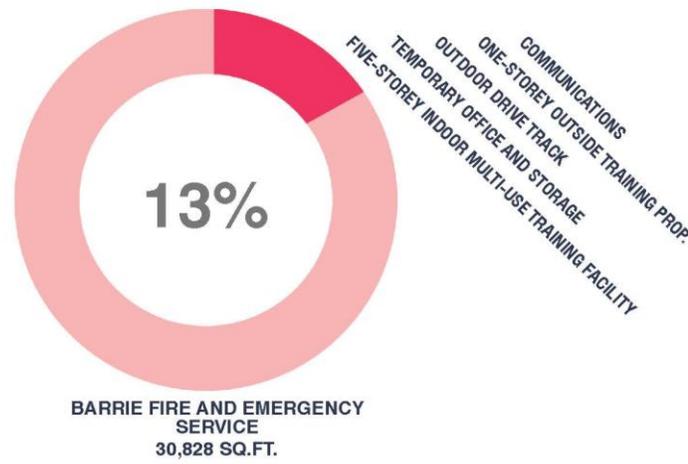
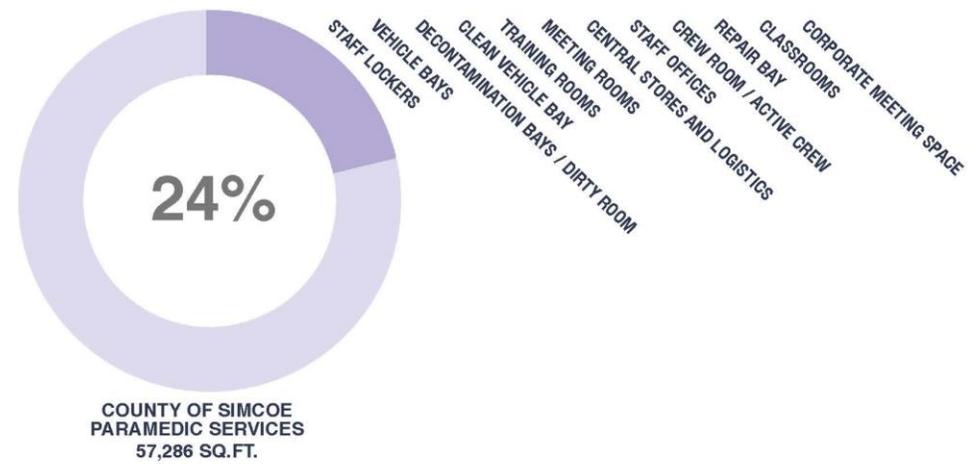
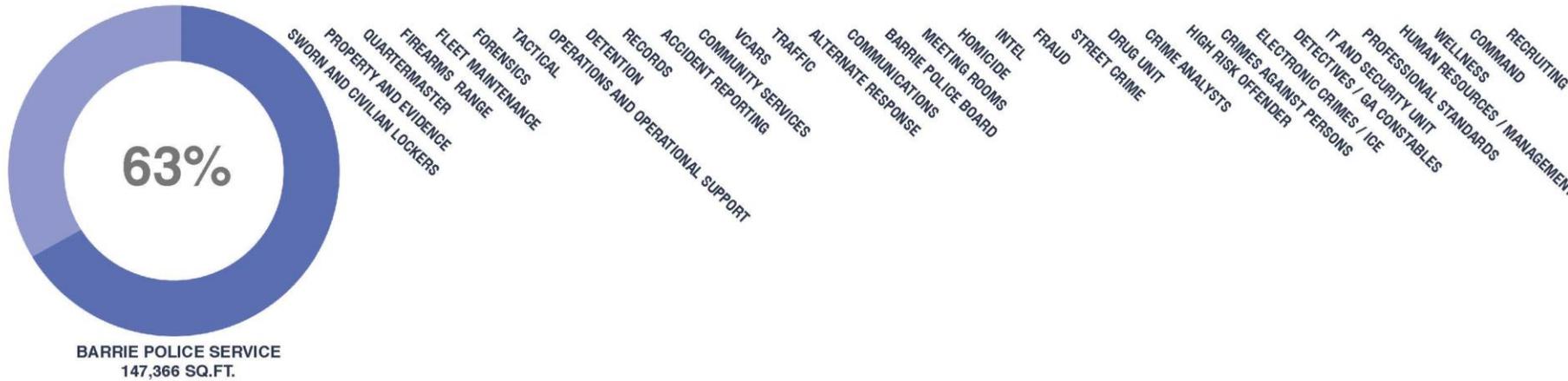
Building C

- BARRIE POLICE SERVICE (BPS)
- COUNTY OF SIMCOE PARAMEDIC SERVICES (CSPS)
- BARRIE FIRE AND EMERGENCY SERVICE (BFES)
- SHARED SPACE

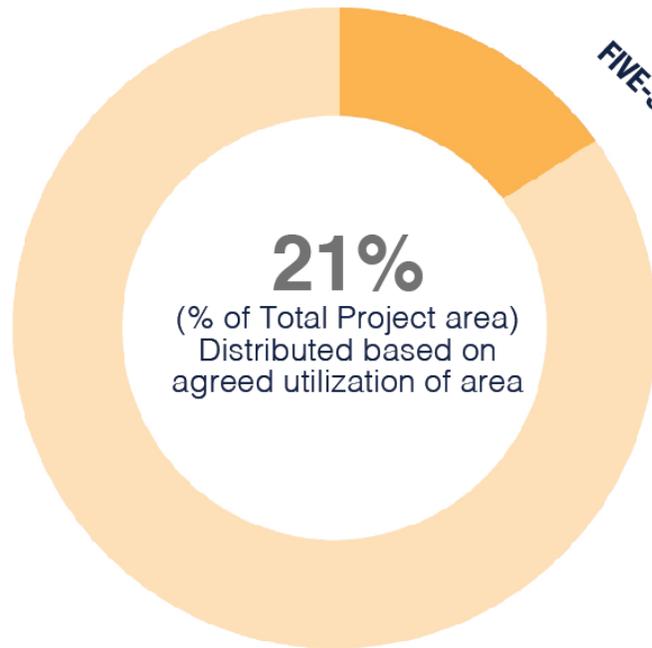
WHAT

Total Building Area =
235,500 sq.ft.

- Barrie Police Service =
147,366 sq.ft.
- County of Simcoe Paramedic Services =
57,286 sq.ft.
- Barrie Fire and Emergency Service =
30,828 sq.ft.



WHAT



BUILDING SHARED SPACE
49,712 SQ.FT.

- BIKE RACKS
- PUBLIC LOBBY
- PUBLIC ENTRANCE AND PARKING
- PUBLIC ENTRANCE/EXITS
- STAKEHOLDER ENTRANCES
- STAKEHOLDER ROOMS
- SERVICE SPACES
- OUTDOOR DRIVE TRACK
- MECHANICAL / ELECTRICAL ROOMS (BPS AND BFES)
- TRAINING CLASSROOMS / EDUCATION ROOM
- DISPATCH (BPS AND BFES)
- COMMUNITY / FUTURE FUEL STATION / CAR WASH
- PUBLIC WASHROOMS
- SERVICING FOR FUTURE FUEL STATION / CAR WASH
- FITNESS CENTRE
- LUNCH ROOM
- FIVE-STOREY INDOOR MULTI-USE TRAINING FACILITY (BPS AND BFES)

Shared Space

Shared by three:

- Community room
- Public entrance & parking
- Public washrooms
- Fitness room
- Lunch room
- Mechanical and electrical
- Outdoor driver training
- Site development

Shared by two:

- Multi-purpose training facility
- Training classrooms
- Meeting rooms, W/C, storage
- Dispatch communication

WHAT

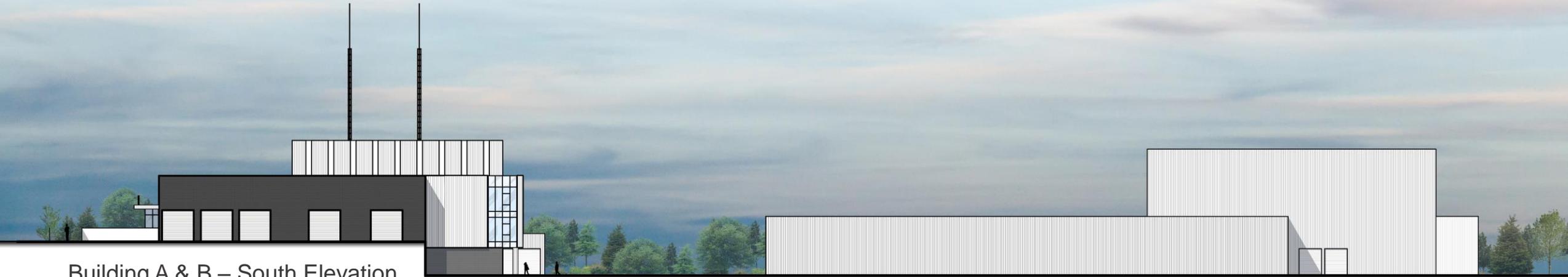


Building A – West Elevation



Building A – East Elevation

WHAT



Building A & B – South Elevation



Building A & B – North Elevation

STREET PERSPECTIVE



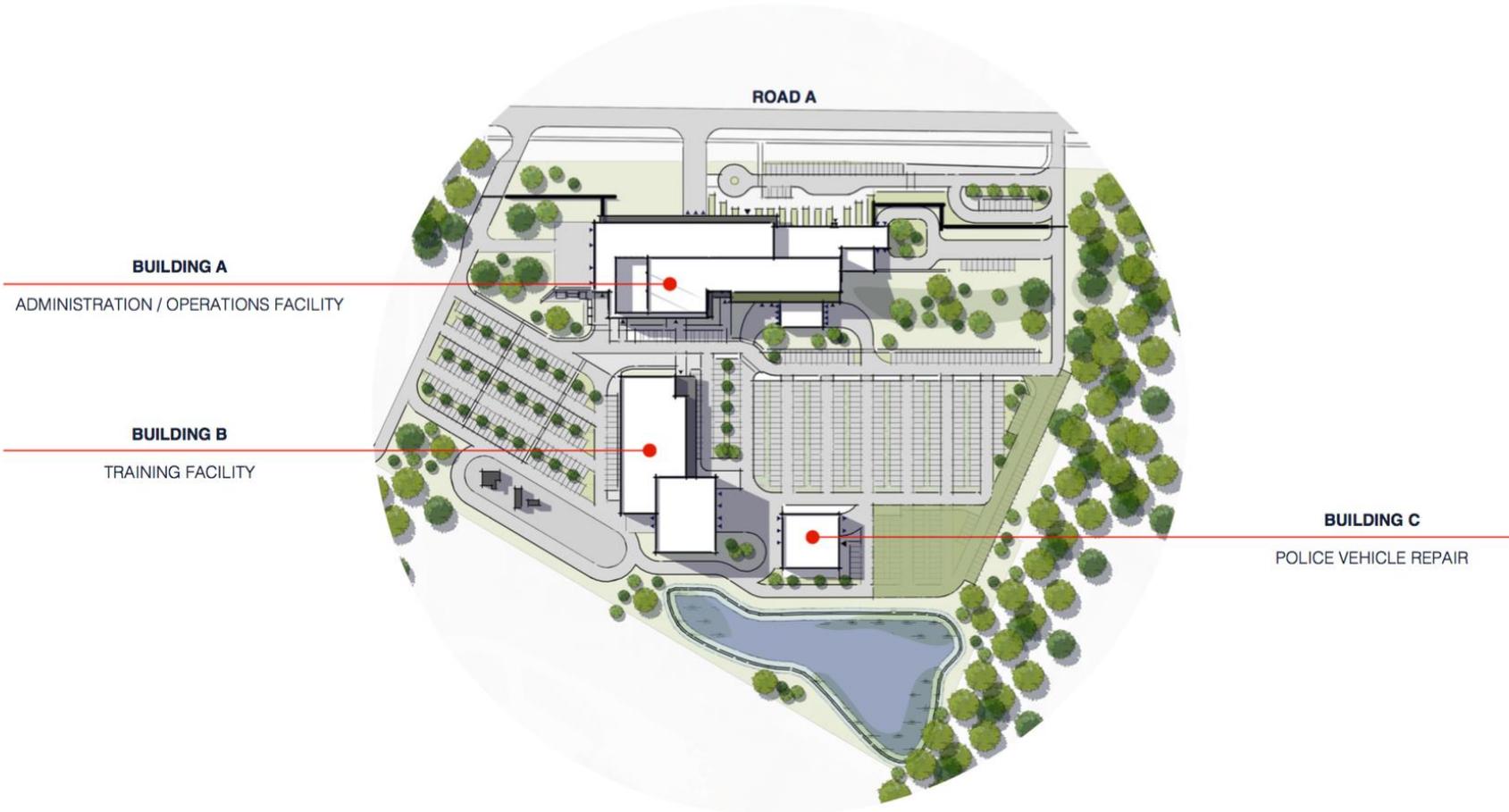
AERIAL PERSPECTIVE



HOW

Phasing Strategy

- 10-15 Year = Growth Within



HOW

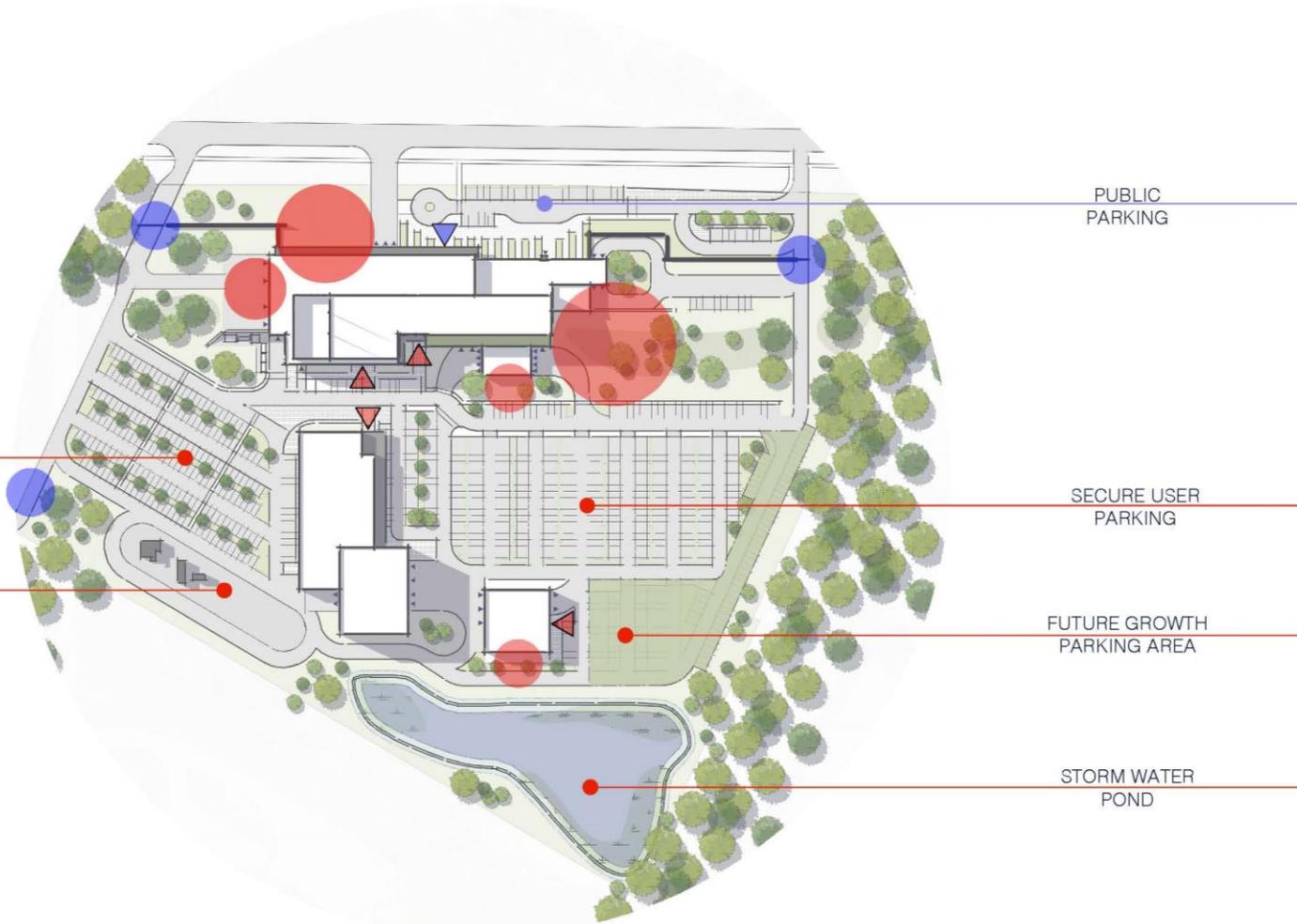
Phasing Strategy

- 25+ Year = Expansion

POLICE EXPANSION
 Operations / Administration
 35,000 sq.ft. footprint
 = 140,000 sq.ft. +

POLICE EXPANSION
 Fleet & Tactical
 2,700 sq.ft. footprint

POLICE EXPANSION
 Secure Staff Parking
 Future parking capacity



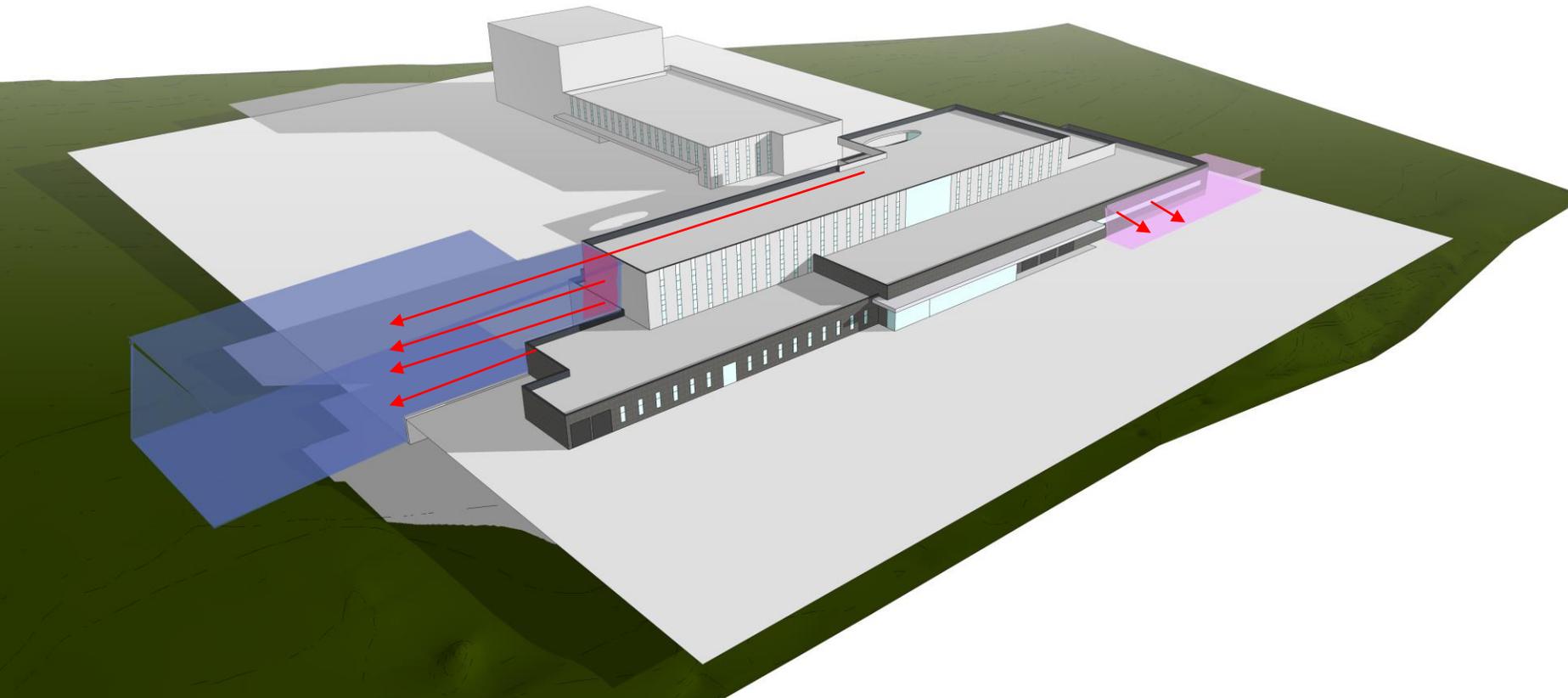
SITE LEGEND

-  MAIN PUBLIC ENTRANCE
-  SECURE SITE ENTRANCES
-  MAIN STAFF ENTRANCES
-  DESIGNATED AREA FOR BUILDING EXPANSION AND FUTURE GROWTH

HOW

Phasing Strategy

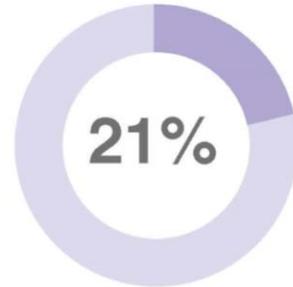
- 25+ Year = Expansion



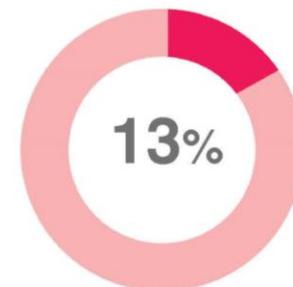
COST ANALYSIS



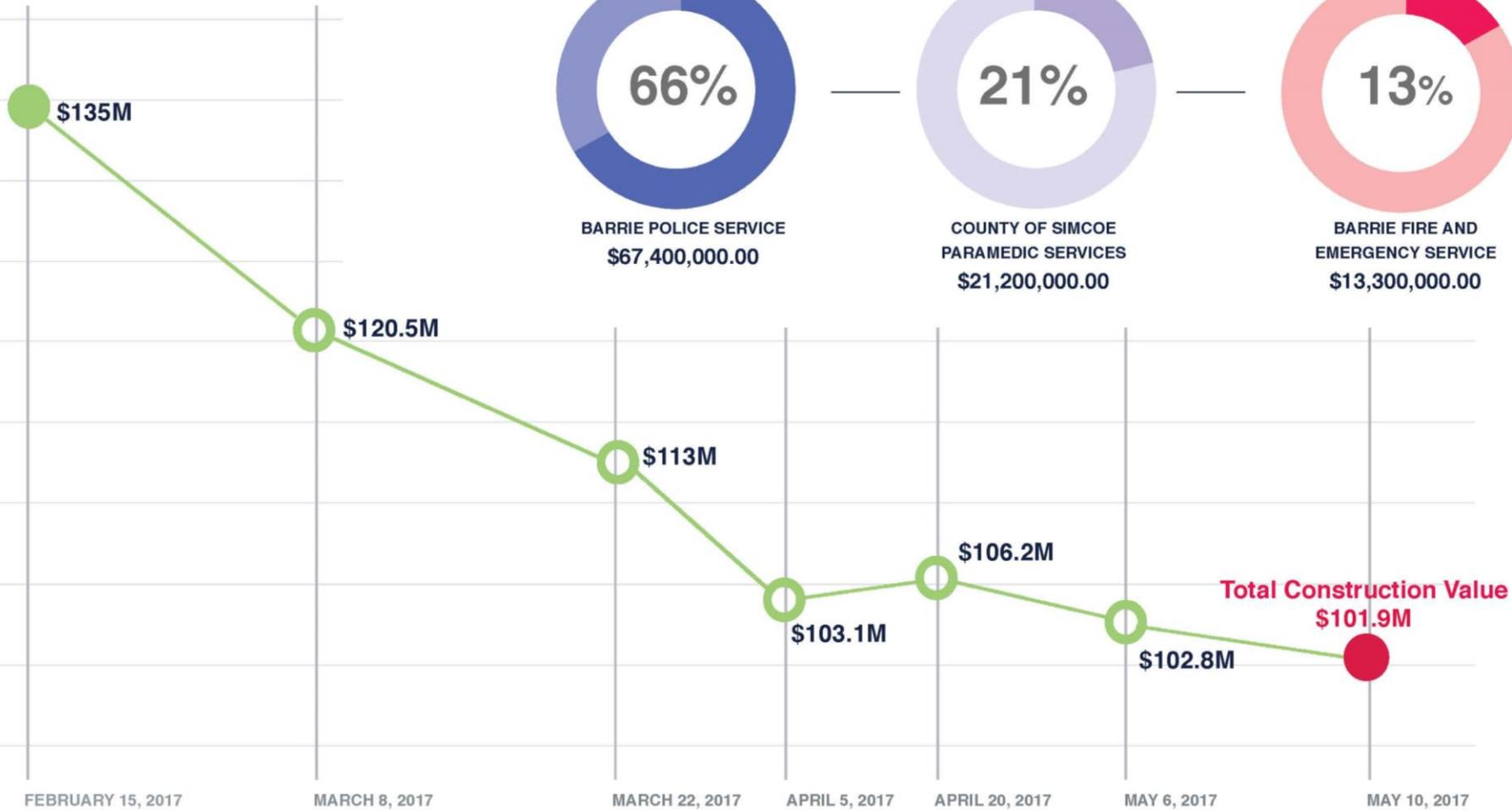
BARRIE POLICE SERVICE
\$67,400,000.00



COUNTY OF SIMCOE
PARAMEDIC SERVICES
\$21,200,000.00



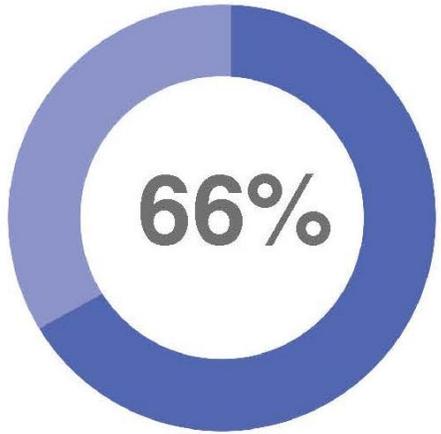
BARRIE FIRE AND
EMERGENCY SERVICE
\$13,300,000.00



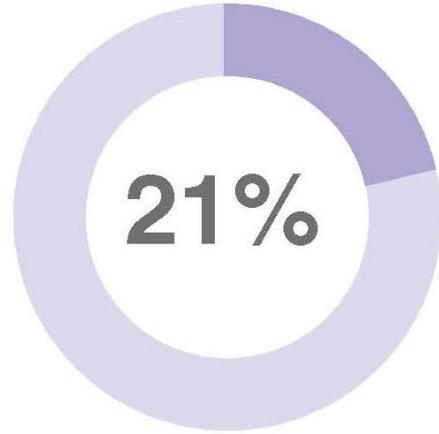
PROJECT COST HISTORY

COST ANALYSIS

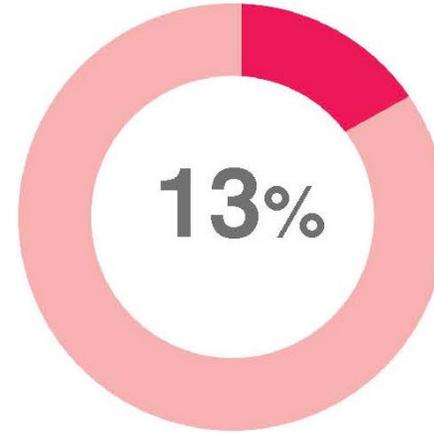
Cost by Stakeholder



BARRIE POLICE SERVICE
\$67,400,000.00



**COUNTY OF SIMCOE
PARAMEDIC SERVICES**
\$21,200,000.00



**BARRIE FIRE AND
EMERGENCY SERVICE**
\$13,300,000.00

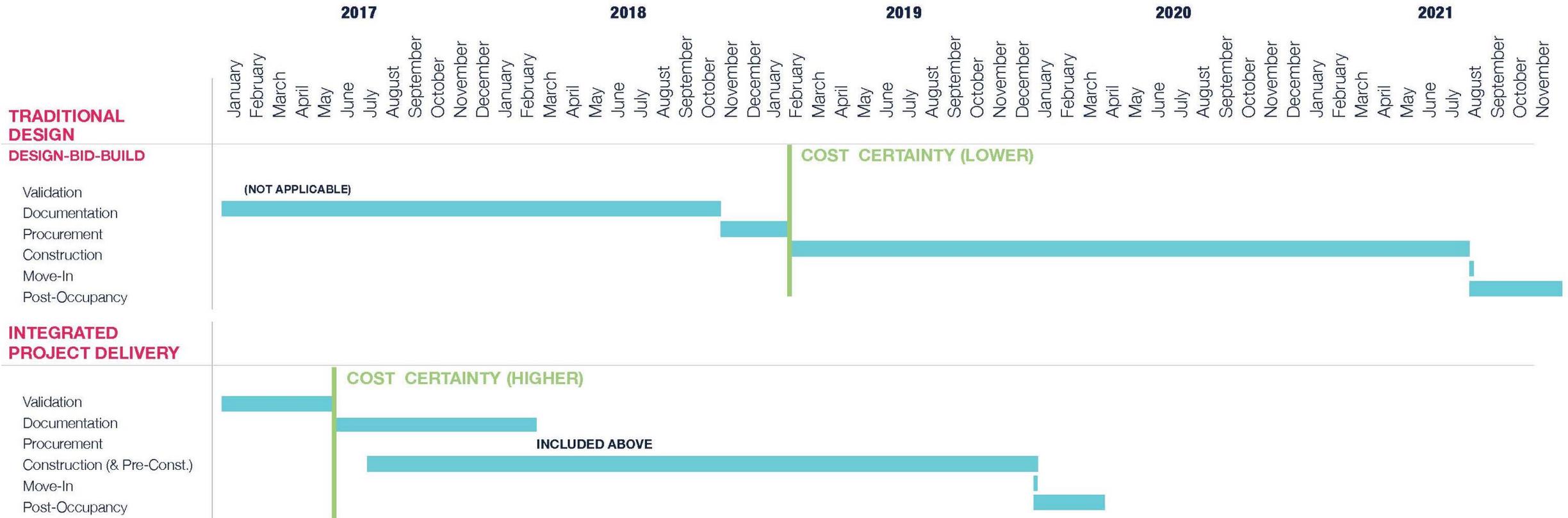
FIREARMS RANGE
\$9,457,911.07

Note:
Costs include both
Construction Hard Cost &
Construction Soft Cost

PROJECT SCHEDULE



IPD VS. TRADITIONAL



COST ANALYSIS

	INTEGRATED PROJECT DELIVERY		TRADITIONAL DESIGN DESIGN-BID-BUILD	
	MONTHS	COSTS	MONTHS	COSTS
Validation Study not included in Contract Total				
VALIDATION STUDY PROJECT				
Validation Study	4	\$1,200,000.00	N/A	N/A
Total Validation Study Project	4	\$1,200,000.00	N/A	N/A
BESOC PROJECT				
Design and Implementation Documents	10	\$7,100,000.00	22	\$8,100,000.00
Contract Procurement	(Included Above)		3	\$1,100,000.00
Construction	26	\$74,300,000.00	30	\$75,600,000.00
Post Occupancy	3	\$2,600,000.00	4	\$3,400,000.00
Risk Register / Contingency	5.77%	\$5,900,000.00	10%	\$11,000,000.00
Construction Soft Costs		\$12,000,000.00		\$12,000,000.00
Cost of Changes	N/A	N/A	5%	\$5,200,000.00
Escalation Costs (3%)	N/A	N/A	16	\$4,700,000.00
Total Construction Contract Value	47	\$101,900,000.00	59	\$121,100,000.00
Total Owner Expenses (project soft costs)		\$7,100,000.00		\$7,500,000.00
Total Project Budget		\$109,000,000.00		\$128,600,000.00

COST ANALYSIS

IPD CONTRACT CAMPUS

	Campus Construction	Owner Soft Costs	Total
Barrie Police Service	\$67,400,000.00	\$4,600,000.00	\$71,900,000.00
County of Simcoe Paramedic Services	\$21,200,000.00	\$1,100,000.00	\$22,300,000.00
Barrie Fire & Emergency Service	\$13,300,000.00	\$1,400,000.00	\$14,700,000.00
Total	\$101,900,000.00	\$7,100,000.00	<u>\$109,000,000.00</u>

TRADITIONAL CONTRACT CAMPUS

	Campus Construction	Campus Soft Costs	Total
Barrie Police Service	\$79,910,884.73	\$4,949,063.88	\$84,859,948.60
County of Simcoe Paramedic Services	\$25,215,053.54	\$1,561,625.94	\$26,776,679.48
Barrie Fire & Emergency Service	\$15,974,061.73	\$989,310.18	\$16,963,371.92
Total	\$121,100,00.00	\$7,500,00.00	<u>\$128,600,000.00</u>

TRADITIONAL STAND-ALONE

	Stand-Alone Constr.	Owner Soft Costs	Total
Barrie Police Service	\$87,582,329.66	\$5,424,174.01	\$93,006,503.67
County of Simcoe Paramedic Services	\$21,520,000.00	\$5,380,000.00	\$26,900,000.00
Barrie Fire & Emergency Service	\$17,507,571.66	\$1,084,283.96	\$18,591,855.62
Total	\$126,609,901.32	\$11,888,457.97	<u>\$138,498,359.29</u>

IPD Campus vs.
Traditional Campus vs.
Stand-Alone

SUMMARY

- **New Police Headquarters planned since 2003**
- **New Fire Training Facility planned since 2009**
- **New County of Simcoe Paramedics Hub for 10 years**
- **A shared Campus addressing the needs of all our emergency services is the best case scenario**

