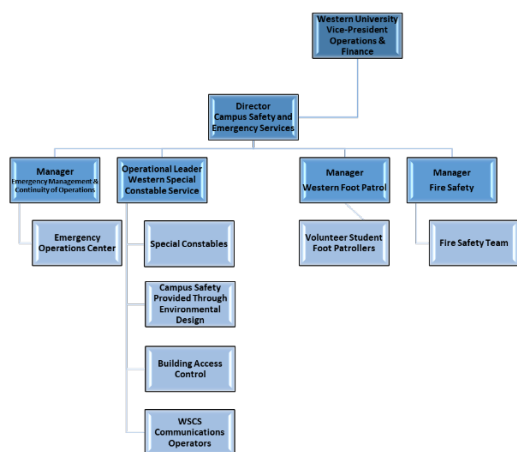


### Overview

CSES are values driven services, focusing on collaborative, community-centric, problem-solving, approaches to create, maintain and support an environment of safety, security and well-being for all on campus.

Campus Safety & Emergency Services (CSES) consists of the following Units:

- Western Special Constable Services (WSCS);
- Emergency Management & Continuity of Operations (EM);
- Fire Safety (FS);
- Foot Patrol (FP); and,
- Building Access Control (BAC).



### MOBILE OPERATIONS CENTRE

In 2022 CSES obtained a new Mobile Operations Centre (MOC) trailer. The trailer was originally obtained by Western during the Covid-19 pandemic to be used as a mobile health and safety platform but was repurposed to CSES in the spring of 2022. The MOC is stationed at Alumni Stadium but can quickly and easily be deployed throughout campus. The MOC provides members of CSES and other campus community stakeholders with a full functioning work space to support and manage emergency situations and major events.

The MOC’s first operational deployment was at the South Valley parking for Orientation week and was utilized at Alumni Stadium during football games throughout the 2022 football season.

The trailer is also being equipped to be a temporary communications (dispatch) center in the event of an emergency that would require the evacuation of the communication center which located in the Western Special Constable Services (WSCS) office.



### Western Special Constable Service



#### **SPECIAL CONSTABLES OPERATIONS**

The WSCS provides community patrol and calls for service response with 4 Special Constable Patrol Sections, each consisting of 1 Sergeant, 4 Special Constables, and 1 Communications Operator (dispatcher). The Patrol Sections are supported by the Operational Leader, Investigative Staff Sergeant, 2 Administrative Sergeants, a Communications Centre Coordinator, and an additional support Communications Operator.

Patrol and calls for service response are provided by WSCS 24/7, 365 days a year to Western University central campus and Research Park as well as the 3 Affiliates – King’s University College, Brescia University College and Huron University College.

**Bike Patrol during Orientation Week**



Western Special Constables are granted specific law-enforcement authorities under the Ontario Police Services Act which are provided through a Memorandum of Understanding with the London Police Services Board. Western Special Constables have authorities to investigate and take law-enforcement actions related to various sections of the Criminal Code as well as provincial legislation including the Highway Traffic Act, Liquor Licence Act, Trespass to Property Act and the Mental Health Act.

**Table 1** reports the number of and type of incidents investigated by the WSCS. WSCS responded to 5,077 incidents during 2022, an increase of 10.7% over 2021 and 127 incidents higher than the 2019-2022 four-year average. This increase is mostly due to an increase in intrusion alarms, with 2,810 incidents in 2022 compared to 2,378 in 2021 (increase of 432).

There was an increase of 66 criminal incidents in 2022 (253) compared to 2021 (187)

There was an increase of 28 traffic incidents investigated by the WSCS in 2022 (96) versus

2021 (68), however 2022 totals remain below the four-year average of 113.8.

**Table 1**

Type	2019	2020	2021	2022
<b>Total Incidents</b>	4,376	5,760	4,588	5,077
General	1,834	1,495	1,282	1,297
Administrative Reports	395	385	369	329
Criminal	296	137	187	253
Provincial Statutes	187	145	128	103
Traffic	160	131	68	96
Intrusion Alarms	1,274	3,264	2,378	2,810
Fire and Fire Alarms	135	99	115	119
CPTED	51	49	45	53
Residence Liaison Officer Reports	27	43	10	12
Other	17	12	6	5

### Total Incidents & Intrusion Alarms



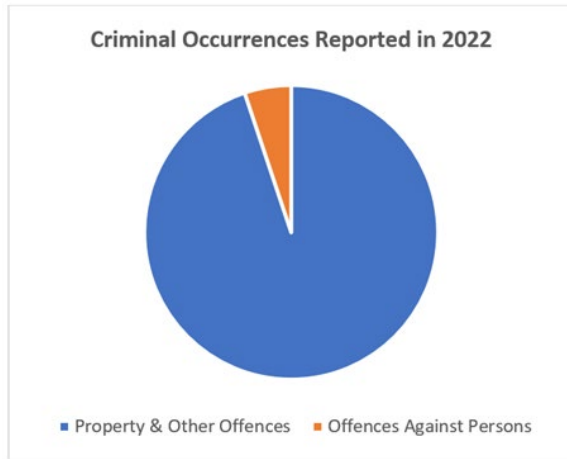
**Table 2** reports the frequency of specific criminal code related incidents investigated by WSCS Special Constables which, as previously noted, rose from 187 during 2021 to 253 in 2022, a 35.3% increase. This increase involved primarily property offences, including theft, mischief and break and enter, and corresponds with increased activities on campus as many community members returned in-person. 2022 criminal incidents were 17% lower than the 2019 pre-pandemic levels.

**Table 2**

Type	2019	2020	2021	2022
<b>Criminal Occurrences</b>	280	133	183	253
Theft/Attempt Thefts	213	72	107	159
Mischief	22	24	35	47
Break and Enter	13	10	10	20
Assault	10	4	3	5
Fraud/False Pretences/Forgery	9	16	5	4
Administration - Warrants	10	2	2	4
Criminal Harassment	3	2	5	3
Threats	2	3	4	2
Indecent Exposure/Act and other Public Morals	2	0	2	2
Possession Stolen Property	2	0	6	2
Impaired Driving	0	1	0	1
Sexual Assault	4	1	6	1

There was a decrease in reported offences against persons, which include assault, criminal harassment, threats, sexual assault, and indecent exposure/act.

94.9% (240 of 253) of all reported criminal occurrences were property offences or offences of another nature.



**Table 3** reports the frequency of provincial offences, municipal by-law, and Mental Health Act incidents investigated by WSCS. It informs us of a decreasing pattern involving these incidents with 187 in 2019, 145 in 2020, 128 in 2021, and 103 in 2022.

**Table 3**

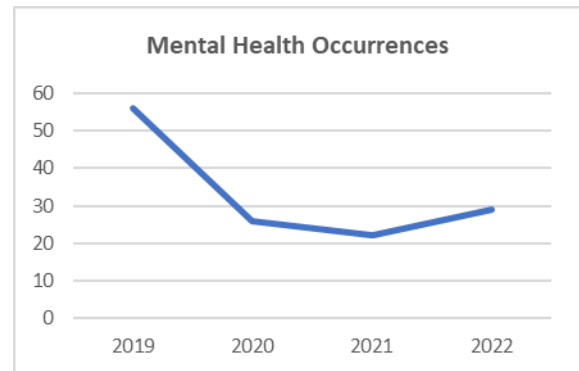
Type	2019	2020	2021	2022
<b>Provincial Statutes</b>	187	145	128	103
Trespass to Property Act	59	45	55	42
Mental Health Act	56	26	22	29
Municipal Bylaw	40	58	48	23
Highway Traffic Act	13	7	2	7
Liquor License Act	18	9	1	2

There was a 52% percent reduction in Municipal Bylaw incidents in 2022 (23) compared to 2021 (48). These incidents were related to noise complaints.

There was a 31.8% increase in Mental Health Act occurrences in 2022 (29) compared to 2021 (22). This increase is attributed to students

returning to in-person studies. It should be noted that 2022 totals are 48.2% lower than 2019 pre-pandemic totals (59).

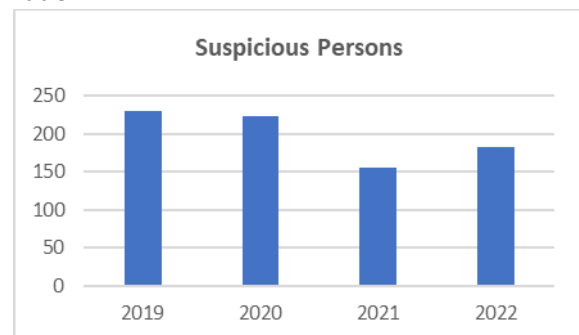
**Mental Health Occurrences**



**Table 4** reports the number of WSCS investigations involving reported suspicious persons, with 183 in 2022, 156 in 2021, 223 in 2020, and 229 in 2019. 2022 experienced a 17.3% increase compared to 2021.

These incidents were related to issues in the broader community in relation to unsheltered individuals and these individuals making their way on to Western and Affiliates campuses.

**Table 4**



### CAMPUS ROADWAY SAFETY

Western’s main campus is transected east, west and north by approximately 14 kilometers of publicly accessible roadways. The roadways on our campus are indiscernible from municipal roadways and include lane markings, traffic lights, stop signs, and a posted speed limit of 40km per hour.

In 2015 a vehicle traffic on campus study was conducted that determined an average of more than 12,000 vehicles entered Western University’s campus roadways on a daily basis.

Approximately 50% of the vehicular traffic is general public using campus roadways as a “cut-through” east and west between the two major municipal roadways of Western Rd. on the west side of campus and Richmond St. on the east side of campus.

In addition, our campus roadways are very frequently accessed by members of the general public and Paramedic/Ambulance services attending the London Health Sciences Centre hospital located adjacent to Western University property on the north side of our campus.

The London Transit Commission (LTC) also significantly utilizes our campus roadways with in excess of 45 LTC buses entering onto campus roadways per hour during peak service periods.

Traffic safety (both motor vehicle and pedestrian) is a critically important issue to the Senior Administration, WSCS, and our entire campus community.

Numerous measures taken to enhance traffic safety on campus including: barriers to protect

pedestrians along higher risk walkways; traffic calming measures such as speed bumps and stop signs; and education initiatives including use of the Speed Watch program.

Traffic safety initiatives and traffic enforcement conducted by the WSCS are critical components of our campus roadways safety strategy and ensuring we are doing our utmost to provide for the safety of our campus.

**Table 5** reports the type and total number of campus road safety activities conducted by WSCS in 2022

**Table 5**

Campus Roadway Safety	2018	2019	2020	2021	2022
Driving Complaints	10	12	2	2	26
Traffic Control	17	9	9	8	47
Traffic Monitoring	153	288	270	152	314
Traffic Enforcement	21	17	14	8	87

### GENDER-BASED & SEXUAL VIOLENCE

WSCS is an important partner in Western's Gender Based and Sexual Violence (GGBSV) approach that includes education, prevention and response. WSCS is a designated safe & supportive location for individuals wanting to disclose GBSV incidents.

WSCS Supervisors respond to disclosures of GBSV with oversight provided by the Investigative Staff Sergeant. The Investigative Staff Sergeant possesses the prerequisite knowledge, skills, and abilities related to GBSV and other serious criminal offences, and ensures that the appropriate response occurs.



Further, the Staff-Sergeant is able to liaise with the victim/survivor, Western staff, and the London Police Service. This process is designed to ensure a victim/survivor is fully informed of all available community resources and supports.

Where the victim/survivor requests formal police involvement, in compliance with provincial guidelines, the London Police Service or the police service of jurisdiction, assumes responsibility for the investigation.

WSCS members participate in ongoing GBSV training as it relates to a trauma informed approach, dating/domestic violence, harassment, informed consent, and sexual violence.

The Investigative Staff Sergeant is a member of the Sexual Violence Review Team thereby ensuring a collaborative response to Sexual Violence. The Investigative Staff Sergeant is also involved with Western prevention and safety initiatives, such as the Gender-Based & Sexual Violence Action Committee (AC-GBSV).

### **CAMPUS COMMUNITY RESOURCE OFFICER (CCRO) PROGRAM**

In 2022 the Residence Liaison Officer program, which was primarily focused on first year students living in residence, was transitioned and expanded to become the Campus Community Resource Officer (CCRO) program.

The CCRO program now includes the entire campus community including our student residence communities and our diverse campus community groups. This change provides WSCS the opportunity to enhance and support a positive student experience on a broader scale.

The CCRO Team is comprised of 4 Special Constable who provide core safety services and dedicated community resources to Western students, staff, faculty and guests. The CCRO team is a highly motivated and committed group who contribute to the Western student experience in a positive and meaningful way.

Members of the CCRO team facilitate community connections by participating in campus wide events, providing safety education and presentations, and engaging in meaningful conversations with the valued members of our campus community.

From September 2022 to December 2022, the CCRO team had actively engaged in 34 different events across campus that included community engagement initiatives such as Constables & Cones, Residence Wellness Carnival, Western Fall Preview, Fraud Education and the Colour Me initiative.

### **Supporting Orange Shirt Day**





**CCRO attending Riverfest Water Walk by the Indigenous Students Association**



**CCRO attending the Black Students Association picnic**



**CCRO visiting with North Neighbourhood Residence Staff**



**WSCS at the Homecoming Football game**



### **CAMPUS SAFETY PROVIDED THROUGH ENVIRONMENTAL DESIGN (CSPTED)**

Campus Safety Provided Through Environmental Design (CSPTED) has been successfully applied on Western's campus since 2006. There is a significant and ongoing demand CSPTED service with the continuing development of new buildings and spaces on campus as well as the need for ongoing safety and security audits and updates of existing buildings and spaces.

Providing campus safety through environmental design looks at how the physical environment can be altered to improve and promote safety and security. CSPTED strategies mitigate safety and security risk by assessing the physical aspects of a building or space, identifying vulnerabilities and insecurities and providing recommendations related to enhancing safety and security. In 2022, 59 CSPTED reports were completed and over 100 individual locations reviewed.

Typically, these reviews are conducted for buildings under construction / renovation; and other locations throughout campus such as an office, study or work area that has been identified as high risk, is vulnerable, has been subjected to unauthorized activity, or where a person may feel unsafe. These reviews are also completed for exterior walkways, roadways, parking lots and areas where the community may congregate, as well as isolated spaces where an increased opportunity for unlawful activities may exist.

CSPTED recommendations may include: security of perimeter access points; target-hardening; improve lock hardware; install access control systems; alarm monitoring and response protocols; improving lines of sight and natural surveillance opportunities; increasing security patrols; and, installation of CCTV video monitoring and recording technology.

When implemented, CSPTED recommendations have been proven to enhance safety and security; mitigate unwanted and illegal behaviour; and provide a strong sense of safety and security for our campus community.

### **VIDEO MONITORING & RECORDING TECHNOLOGY**

The CSPTED Coordinator is responsible for the overall management of the Video Monitoring and Recording Technology (VMRT) utilized by the WSCS.

The CCTV cameras VMRT have proven successful in deterring unauthorized activity, improving safety and security, and supporting investigations.

CCTV cameras and VMRT are utilized on campus in strict accordance with Western's Video Monitoring and Recording Policy. Accessing and viewing video records is strictly controlled and video records are destroyed after a 30-day retention period (unless retention of the video record is required for a specific, authorized, purpose) in accordance with Western's Video Monitoring and Recording Policy and the



Freedom of Information and Protection of Privacy Act (FIPPA).

### SAFETY PRESENTATIONS

The CSPTED Coordinator also provides safety presentations to a variety of students, faculty and staff across campus.

Safety presentations focuses on the importance of mental preparedness, situational awareness, and effective de-escalation techniques in a variety of crisis situations.

Although very unlikely, individuals must proactively consider their own personal safety and be psychologically prepared in the event that a serious personal safety situation arises. This proactive approach is an important and effective strategy towards ensuring personal safety.

#### The Women's Self Defence Clinic



The Women's Self Defence (WSD) Clinic is a free, 12-hour course offered to female, or people who identify as a female, community members who are 12 years of age and older.

The WSD Clinic is a proven program that teaches participants how to take an active role

in their own self-defence and psychological well-being by providing realistic self-defence tactics and techniques.

The program is taught by 3 Western Special Constable Service members who are certified instructors.

WSD is comprehensive self-defence course that teaches awareness, prevention, risk reduction and avoidance before progressing on to the basics of hands-on defense training.

The self-defence tactics are easy to learn, easy to retain and easy to employ. Simulation training exercises are included at the end, which provides each participant the option to practice what they have learned.

In 2022, 3 WSD Clinics were provided and there are 5 WSD Clinics being offered in 2023.

### Building Access Control

#### BUILDING SECURITY

BAC is responsible for providing and managing card access for approximately 72 buildings and approximately 391 alarm systems, including high-risk locations, campus wide.

#### BUILDING ACCESS CONTROL SUPPORT

BAC is a resource to support the card access administrators throughout campus (Departments and Affiliates) to ensure required user access is provided, buildings lock and unlock on master schedules, as well as provide for unique classroom-booking automated unlocking and locking.

2022 started with COVID restrictions, buildings operated on reduced schedules with most 1<sup>st</sup> year courses online only. During 2022, BAC responded to over 11,274 emails, sent to the card access email account (Not including emails and phone calls sent directly to the members of BAC). The requests for support include hardware / system service; user access (often for 100 or more users) additions, deletions, or changes; and, automated unlock / lock schedule additions, deletions or changes.

### **SERVICE CALLS**

In 2022 BAC responded to approximately 280 Service Calls (card access and alarms) ranging from equipment failure to battery changes.

In addition, BAC supports renovation and new building projects, relocating and adding equipment as directed by FM project managers.

### **NEW AFx ENTERPRISE ICT (card-reader) SYSTEM**

During 2022 Western continued with a major project to update and enhance the building card access system.

The installation of the new AFx Enterprise system has required the BAC Team to learn a new system working along side the Chubb Installation Team and FM project manager. This project is very challenging and requires a significant amount of time and focus of the BAC team.

In January 2022 the newly renovated Thames Hall building went live with the ICT card access system. Over the summer Bayfield Hall and Lambton Hall residence buildings were added onto the new ICT card access system.

## Emergency Management & Continuity of Operations

To enhance Western's emergency preparedness, and ability to respond to and recover from emergencies the Manager, Emergency Management & Continuity of Operations (EM) works collaboratively with Western University Administration and Departments in addition to external partners such as City of London Emergency Management, Upper Thames River Conservation Authority, and Environment & Climate Change Canada.

EM focuses on life safety of students, faculty, staff, and visitors on campus while protecting infrastructure and environment. Natural, technological, and human caused threats and risks are constantly monitored to prioritize emergency preparedness activities.

EM continues to review Western's Faculty and Departmental continuity of operations plans to identify gaps and bring them up to date to build Western's resilience in the event of an emergency or disaster. The Manager supports Western's senior leadership who are members of the Emergency Operations Control Group (EOCG). Coordination of the EOCG can occur virtually or in-person at Western's Emergency Operations Centre (EOC).

### Western’s Emergency Operations Centre



### 2022 incident Planned, Monitored, or Responded (PMR) to by Western EM:

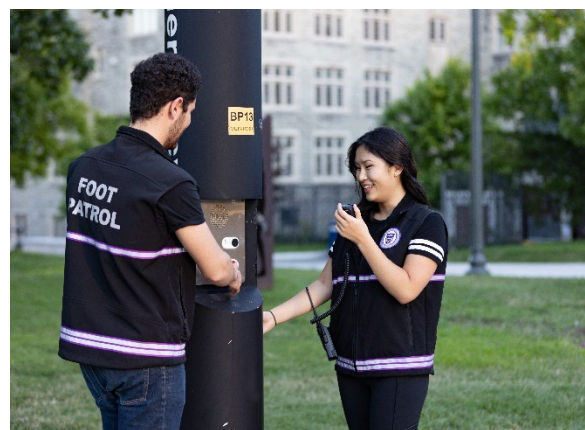
276	Environment Canada alerts or advisories
8	Winter storm events (ice, snow, freezing rain)
7	Severe thunderstorm events
6	Critical infrastructure (fiber optic, IT, phone)
5	High heat events
5	Potential flood events
3	Demonstrations / protests
3	Critical infrastructure loss (power failure)
2	High ammonia (false alarm)
1	Critical infrastructure (watermain / evacuation)
1	Severe weather – Tornado event
1	Severe weather – Funnel cloud event
1	St. Patrick’s Day Weekend
1	Fatal motor vehicle student involved (off campus)
1	Code Black (bomb threat – false alarm / affiliate)
1	Orientation Week / Homecoming Weekend
1	Code Silver (aggression threat)
1	Labour disruption (potential)
1	Vanier Cup
1	CyberEX 2022 Tabletop Exercise – Technological / EOCG

### Foot Patrol



Western Foot Patrol (FP) is a student volunteer-based service, supervised by a full-time manager. This team of volunteers provide safe campus escorts, both on foot and by vehicle, wear high visibility vests to deter crime, and promote safety awareness across the main and affiliate college campuses.

In addition to Foot Patrol escorts, the team also completes emergency blue phone and monthly exterior light audits. These services assist in reducing crime and enhancing campus safety. Foot Patrol also operates Western’s main Lost & Found, handling hundreds of requests each year. Only items of value are managed by WSCS.



Following two years of pandemic restrictions and campus closures, volunteer numbers and hours of service have begun to increase. The number of volunteers grew by approximately 34%. November saw the service operating on Friday's again, with further expansion of hours anticipated for 2023. Between September-December, FP conducted an average of 6 escorts per night, from 8pm-midnight.

Program videos, highlighting services and volunteering, can be found at:

<https://youtu.be/cdyBFboQJHU>

### Fire Safety

Western's Fire Safety Service (FS) provides expertise in fire safety and fire prevention to ensure safety, security, and quality of life for our campus community.

FS members are responsible for the testing, inspection, and maintenance of fire and life safety equipment such as: 84 Fire Alarm Systems; 28,580 Fire Alarm Devices; 64 Sprinkler Systems; 9 Pre-acting Suppression Systems; 27 Kitchen Suppression Systems; and, 4,228 Fire Extinguishers.

FS members also provide education and training to faculty, staff and students. FS Personnel are accredited through the National Fire Protection Association and technicians are certified through the Canadian Fire Alarm Association.

Having a very capable level of in-house expertise in all areas of Fire & Life Safety, our team was able to navigate and adapt to the various challenges presented in 2022 to ensure that Western is meeting all legislative

obligations and safeguarding the campus community.



### FIRE ALARMS

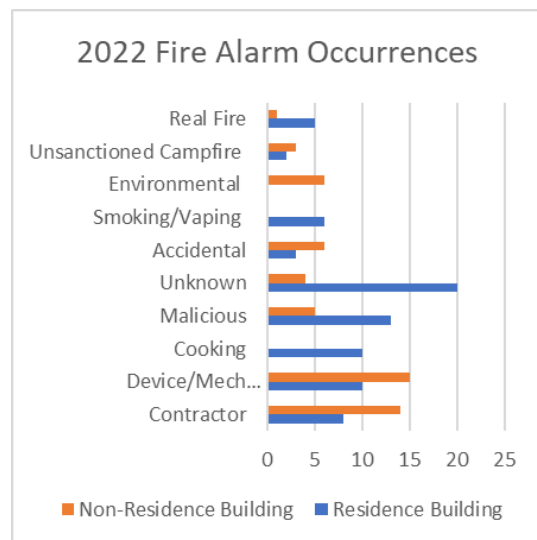
In 2022, false fire alarm occurrences increased by 17 from a year earlier in 2021, but on par with 2019 totals which represent our last pre-Covid "normal" year of data. The uptick in occurrences from 2021 to 2022 represents a return to normal activities and specifically an increase in construction/renovation activity on campus.

2022 Fire Alarm Occurrences

	2018	2019	2020	2021	2022
<b>Actual Fires</b>	6	4	2	4	6
<b>False Fire Alarms</b>	147	131	97	114	131

Assessment of the data when looking at Residence buildings shows a significant decline in malicious fire alarm occurrences when **comparing Sept-Dec time periods in both 2021 and 2022**. In 2021 there were 12 malicious fire alarm occurrences whereas in 2022 there were only 5. In addition, the Residence "unknown" fire alarm occurrences show an additional reduction of 1 occurrence in that same time period.

This reduction in Residence building fire alarm occurrences is an important element in providing a safe environment to our students in residence and, in large part, be attributed to proactive measures employed during and leading up to the beginning of the 2022/2023 school year. More specifically, FS staff engaged and worked collaboratively with our on-campus colleagues at Housing, FM, FD&E, CSES, and off-campus colleagues at the London Fire Department to establish solutions unique to each site, ensuring adequate and appropriate fire detection/protection coverage is in place for an actual fire event, while at the same time preventing unwanted malicious nuisance alarms.



Of the actual fire occurrences there has been an increase in fires at the Platts Lane Townhouse Complex including 3 unattended cooking fires and 1 recent fire which was a result of children playing with matches in an upstairs bedroom. FS is actively working with our Housing colleagues and the LFD on the implementation of fire safety and prevention initiatives to mitigate this recent trend.

### FIRE ALARM SYSTEM UPGRADES & ENHANCEMENTS

In collaboration with FM, FS identified, established, secured funding, and acquired engineered designs and permits as required for the now completed Science Complex (BGS, CHB, NSC, TL) fire alarm system enhancements and redesign project. Work included separating the large networked system into two smaller systems (BGS/CHB and {NSC, TL) along with other key software upgrades/enhancements previously identified to streamline maintenance/testing and improve overall system design and reliability. This work was completed as a prelude and in anticipation of our goal of upgrading fire and life safety systems in the CHB following the 2019 Lab explosion.

By leveraging the modern technology established in all head-end control panels and our strong internal expertise and capabilities, FS has continued to customize fire alarm system functions to address operational issues and improve efficiencies. Together this large number of small improvements continue to reduce testing/maintenance time and improve overall system performance while simultaneously allowing the focus of resources to other areas of need. Perhaps most importantly these enhancements increase the response time to emergencies for our first responders.

### FIRE PROTECTION

In collaboration with FM, FS continued tackling a new fire code requirement related to hydrostatic (pressure) testing of fire department connections at our various campus sites. This will be a multi-year project due to

the age and physical location of some of the infrastructure needing to be accessed/modified for testing. Working with FM we were successful in completing an additional 12 sites bringing our total of completed sites to 22 of the 39 required sites. FS has secured the needed ongoing capital funding to continue this important work and ensure compliance.

Following a campus-wide review and careful consideration of our inventory of nearly 5000 fire extinguishers FS staff identified up to 700 redundant fire extinguishers throughout our facilities. Of the 700 fire extinguishers, ~350 were removed in 2021 with the remaining units removed in summer 2022. Building extinguisher layouts have been reworked with additional signage installed to ensure visibility and code compliance. This efficiency will eliminate countless hours of monthly/annual inspection time for both FS and FM staff but also represents an immediate direct savings of ~\$3500 annually to Western in 3<sup>rd</sup> party contracting costs related to 6 and 12 year extinguisher testing.

In 2022 FS assumed all legislative fire/life safety inspection requirements at the four existing buildings (Convergence, Mogenson, NRC, Stiller) at Western Discovery (Research) Park including the completion of the comprehensive annual fire alarm and fire protection water (sprinkler) system inspections. This initiative will improve consistency and redundancy as it relates to inspection, testing and maintenance at the WDP sites. Further, this provides LFD with a singular point of contact for fire and life safety related issues on campus.