



PRE-PROPOSAL CONFERENCE
Campus – Wide Expansion Project
Video and Emergency Communication Systems

AGENDA

1. INTRODUCTIONS

2. SCHEDULE

2.1. Bid period schedule

2.2. Project schedule

3. RFP REVIEW

3.1. Purpose

3.2. Scope of Work

3.2.1. Hague Club Apartments SOW Revisions

3.3. Floor Plans

4. QUESTIONS AND ANSWERS

6. SITE TOUR



PRE-PROPOSAL CONFERENCE
Campus – Wide Expansion Project
Video and Emergency Communication Systems

2. SCHEDULE

2.1. Bid period schedule

- **August 19, 2022 - until September 19, 2022 by 2:00 PM ET**
 - ☐ **RFP Questions - until September 6, 2022 by 4:00 PM ET**
 - ☐ **Oral presentation and equipment demonstration:**
 - **EVMS will schedule the time and location for such presentations.**
 - ☐ **Estimated Award Date: October 17, 2022**
 - ☐ **Contract signed: October 31, 2022**

2.2. Project schedule

- **Installation: proceeds in November 2022**
- **Substantial Completion Date: no Later Than June 30, 2023**



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Campus – Wide Expansion Project
Video and Emergency Communication Systems

3. RFP REVIEW

3.1. Purpose: to solicit competitive proposals, to establish a contract through competitive negotiation to expand the existing digital video and emergency notification systems, by installing additional 315 IP surveillance cameras and 152 Aiphone emergency notification boxes at the following buildings and parking garages of Eastern Virginia Medical School: Andrews Hall, Brickell Library, Facilities, Hague Club Apartments, Hofheimer Hall, Jones Institute, Lester Hall, Lewis Hall, Materials Management, Williams Hall, SG and VG.

The proposal should include:

- Description of integration with Aiphone emergency notification systems, MITEL VOIP phone system and Lynx panic alert system and any related costs;
- Proposed equipment should not be proprietary and must include licensing information and cost;
- Explanation of warranty for each hardware component installed and time to report to the job site to address a warranty issue;
- Description of maintenance and training programs available for the proposed solution, along with annual cost.



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Campus – Wide Expansion Project

Video and Emergency Communication Systems

3.2. Scope of Work:

A. Digital Video System

The contractor shall install 315 new POE digital video surveillance cameras at mentioned locations, following the provided layout, integrate them into the existing digital video and notification systems, utilizing existing servers' infrastructure, **Genetec** Video Management System and switches, to provide continuous high quality video surveillance, integrated with the Aiphone emergency notification system (**Sipelia** Communication Management System), EVMS Mitel VOIP phone system and Lynx Panic Alarm.

The contractor shall plan and utilize, wherever appropriate and especially outdoor, multisensor cameras for multiple directions views and 180 or 360 degree panoramas.

The proposed digital video system shall provide:

- A reliable system with advertised image quality;
- Integration with Aiphone Emergency Notification system, MITEL VOIP phone system and Lynx Panic Alert system;
- Enhanced improvements and capabilities to conduct operations and criminal investigations;
- Configuration of existing servers, to provide 30 days of video archive.



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Campus – Wide Expansion Project

Video and Emergency Communication Systems

3.2. Scope of Work:

B. Emergency Notification Solution

The contractor shall install 152 new Aiphone POE emergency notification call boxes at the above mentioned buildings and parking garages, following the provided layout, integrate them into the existing digital video and notification system, utilizing existing servers' infrastructure, video management system and switches, to provide a flexible and fully integrated emergency notification system, integrated with EVMS digital video system and MITEL VOIP phone system.

The contractor shall utilize the existing Genetec Video Management System and Sipelia Communication Management System.

Through integration the emergency notification system needs to be configured to allow direct message communications and calls for assistance to both EVMS dispatch office and the building front desks digital phones.

The contractor shall provide and install the necessary transformers inside the exterior Aiphone call units, to deliver 24V DC power, as done at Waitzer Hall exterior call boxes.

EVMS IT will provide the necessary CISCO switches, for systems networking.



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Campus – Wide Expansion Project
Video and Emergency Communication Systems

3.2. Scope of Work:

C. Cabling, conduit and electrical power the contractor shall :

- provide and install the necessary new rigid conduits for cameras and call boxes within the two garages, Brambleton Avenue crossing and for those attached to exterior sides of the buildings.
- expect to remove existing analog cameras conduits. However, where appropriate, existing conduit infrastructure can be reused.
- remove all existing analog cameras hardware and hand them over to EVMS Facilities.
- remove all unused existing conduits and wiring and make the necessary cosmetic repairs of the walls and ceilings.
- provide CAT 6 cabling to connect all cameras and Aiphone call boxes to be installed at the above mentioned buildings and parking garages;
- provide the necessary conduits and wiring for the 42 exterior Aiphone call boxes, to be connected to the closest 120V electrical supply.

At EVMS buildings, except Staff and Visitors garages, the network drops installed at each floor, will need to terminate in the floor telecommunication/data room, following the provided layout (Attachment I).



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Campus – Wide Expansion Project
Video and Emergency Communication Systems

3.2. Scope of Work:

C. Cabling, conduit and electrical power the contractor shall:

At EVMS buildings, except Staff and Visitors garages, the network drops installed at each floor, will need to terminate in the floor telecommunication/data room, following the provided layout (Attachment I).

At Staff Garage and Visitors Garage, due to the length limitation of POE cables, the contractor shall:

- Provide and install two outdoor enclosures for a CISCO networking switch, one at the 4th floor of Staff Garage and one at the 4th floor of Visitors Garage, at the locations depicted in the provided layout (Attachment I).
- Provide the necessary conduits and wiring for data connection and power the switches enclosures with/from the telecommunication rooms located at the first floor of the garages.
- Terminate the cameras and Aiphone call boxes network drops from 1st to 4th floors, in the telecommunication rooms located at the first floor of the garages.
- Terminate the cameras and Aiphone call boxes network drops from the 5th floors and up at the switch enclosure installed at the 4th floors.



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Campus – Wide Expansion Project

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3.2. Scope of Work:

3.2.1. Hague Club Apartments REVISIONS

The contractor shall provide, install and integrate eight new IP cameras and two Aiphone call boxes, using the available internet connection and networking switch, and following the provided layout.

- Two cameras and two call boxes attached to the parking lot light poles, will be wirelessly connected with the HCA main office and powered from the poles. The contractor shall provide transformers to deliver 24V DC power to these cameras and call boxes.
- Six cameras will be installed on the exterior sides of the building and POE with CAT6 cabling to HCA main office. The contractor shall provide estimates for 2 installation options as follows:
 - Cameras mounted on poles
The contractor shall provide and install 5 poles (10 feet tall) on the sides of the complex to be used for cameras. The poles shall be connected with the main (leasing) office with underground conduits (2 inch) for CAT6 cabling. Camera #5 will be attached to the corner of the main office (not on pole).
 - Cameras mounted on the walls
The contractor shall install the cameras on the walls using CAT6 cabling under the wall vinyl siding and underground conduits (2 inch) to connect the cameras with HCA main office. Camera #5 attached to the corner of the main office doesn't need underground conduit.
For evaluation, the contractor shall provide detailed information concerning the installation process and pictures of proposed cameras and mounting hardware.



SURVEILLANCE CAMERAS CONFIGURATION

BUILDING/FLOOR	ANALOG	DIGITAL /FLOOR							TOTAL DIGITAL
		1	2	3	4	5	6	7	
154 Colley	0	4							4
Materials Management	0	5							5
Williams Hall	9	9	2						11
Andrews Hall	8	6	6	2	2	4			20
Brickell Library	9	9	3	3	5				20
Hofheimer Hall	8	12	6	8	5	7	5	5	48
Jones Institute	9	7	2	3	3				15
Lester Hall	40	10	5	9	5	1			30
Lewis Hall	21	16	8	6	6				36
Staff Garage	161	11	14	9	9	9	9	7	68
Visitors Garage	82	7	11	7	7	7	6		45
Cat-Walk	5	2	3						5
Hague Club Apartments			8						8
TOTAL	338	98	68	47	42	28	20	12	315



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AIPHONE PROPOSED CONFIGURATION CAMPUS CENTRALIZED SITUATION

BUILDING/FLOOR	1		2		3		4		5		6		7		Total		
TYPE OF CALL BOX	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	T
154 Colley	1	2													1	2	3
Materials Management	1	2													1	2	3
Williams Hall	2	6		2											2	8	10
Andrews Hall	1	4		4		3		3		3					1	17	18
Brickell Library	1	3		2		2		1							1	8	9
Hofheimer Hall	1	3		4		3		3		5		4		3	1	25	26
Jones Institute	1	2		2		3		3							1	10	11
Lester Hall	1	4		3		3		4							1	14	15
Lewis Hall	2	5		8		7		4							2	24	26
Staff Garage	5		2		2		2		2		2		2		17		17
Visitors Garage	7		1		1		1		1		1				12	-	12
Hague Club Apartments	2														2		2
TOTAL	25	31	3	25	3	21	3	18	3	8	3	4	2	3	42	110	152



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AUXILIARY SERVICES 154 COLLEY CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	Total
EXISTING # OF CAMERAS	0	0
PROPOSED # OF CAMERAS	4	4

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		Total		
	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	2	1	2	3

AUXILIARY SERVICES 154 COLLEY

PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

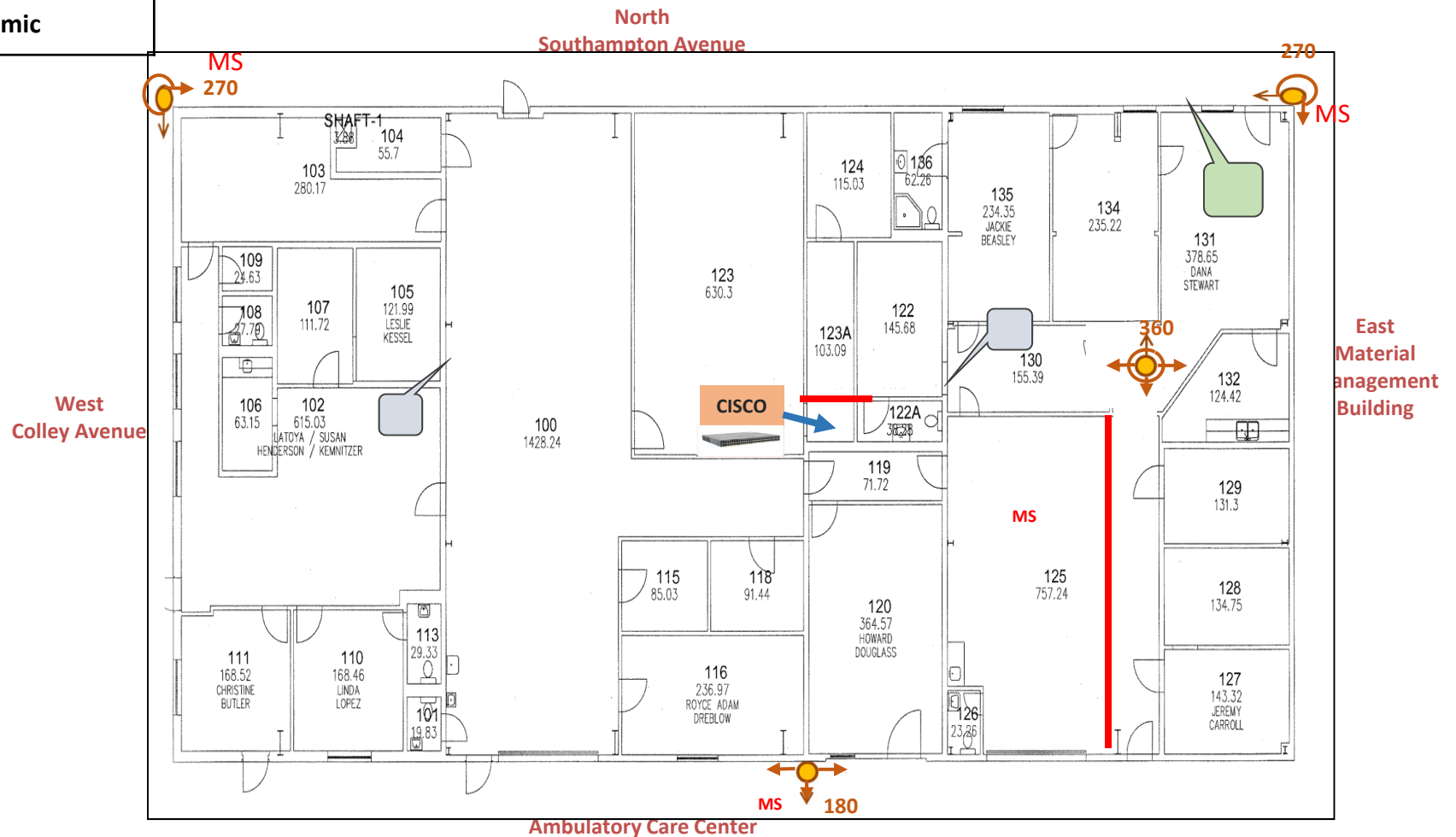
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box





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MATERIALS MANAGEMENT

CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	Total
EXISTING # OF CAMERAS	0	0
PROPOSED # OF CAMERAS	5	5

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		Total		
	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	2	1	2	3

PROPOSED CONFIGURATION

MATERIALS MANAGEMENT

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

East
Red Cross

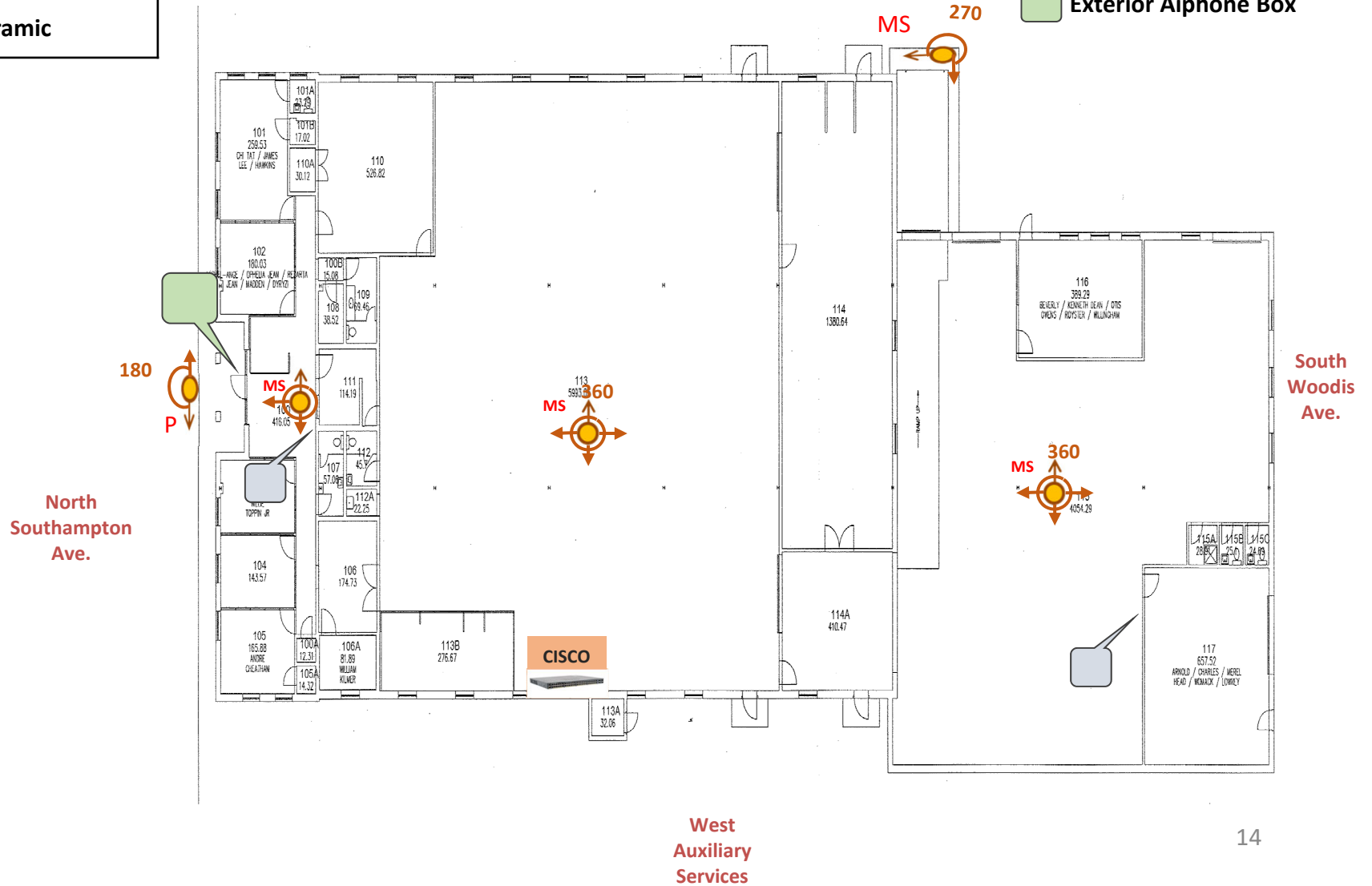
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box





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HAGUE CLUB APARTMENT CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	Total
EXISTING # OF CAMERAS	0	0
PROPOSED # OF CAMERAS	8	8

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		Total		
	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	2	0	2	0	2

PROPOSED CONFIGURATION

HAGUE CLUB APARTMENTS

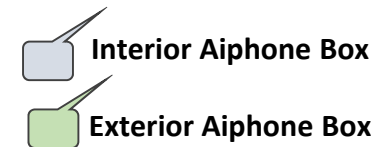
Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic

Cameras locations for walls mounting

NOTE: For poles mounting, the poles should be installed on the lawn following the same cameras' locations.

CALL BOX LEGEND



Cisco switch

North

West

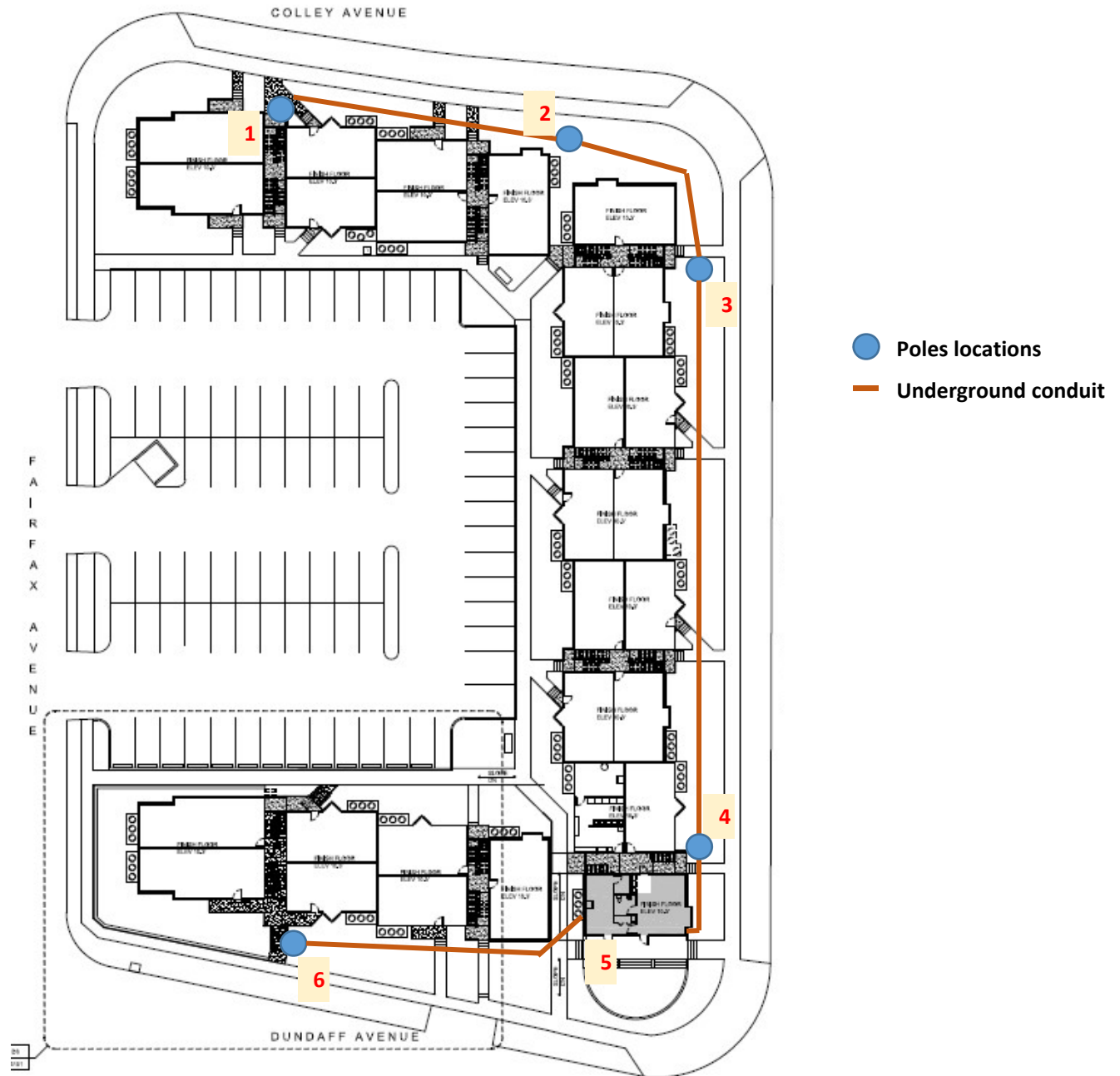
East



South

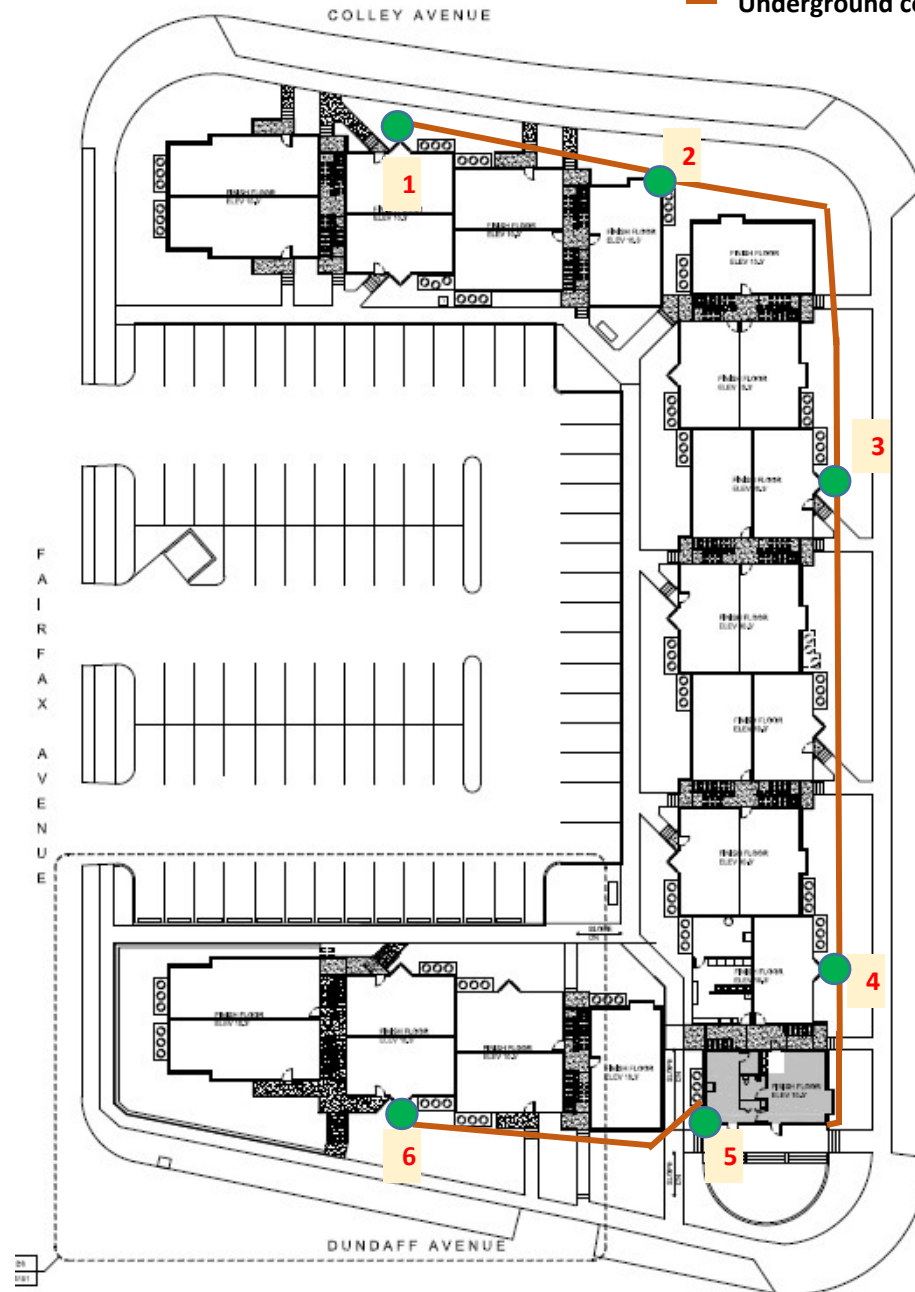
QUOTE NR 1

CAMERAS MOUNTED ON POLES



QUOTE NR 2
CAMERAS MOUNTED ON WALLS

- Cameras locations
- Underground conduit



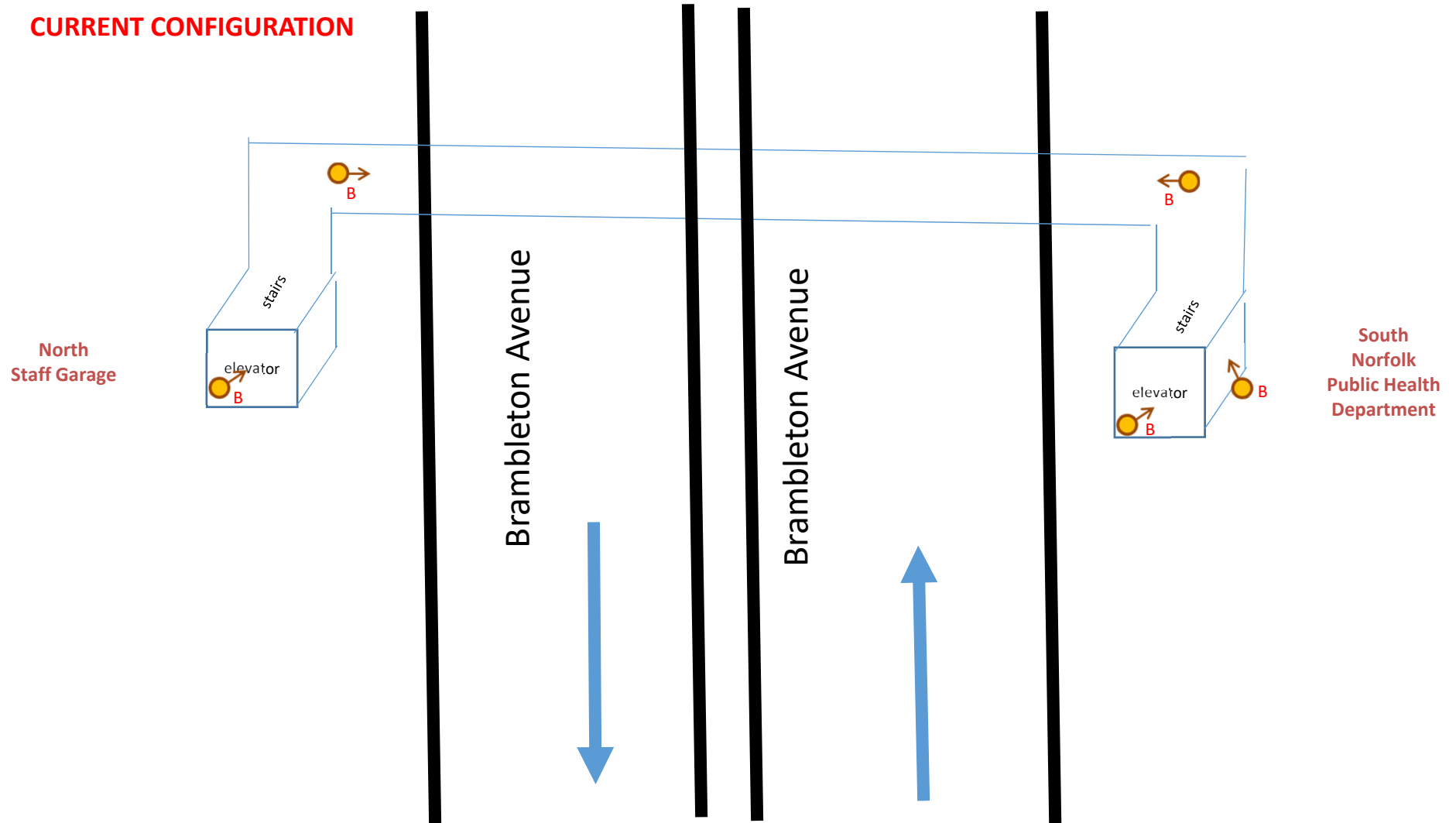


CAT-WALK OVER BRAMBLETON CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	Total
EXISTING # OF CAMERAS	5	5
PROPOSED # OF CAMERAS	5	5

CAT-WALK OVER BRAMBLETON

CURRENT CONFIGURATION



PROPOSED CONFIGURATION



Cisco switch

CAT-WALK OVER BRAMBLETON

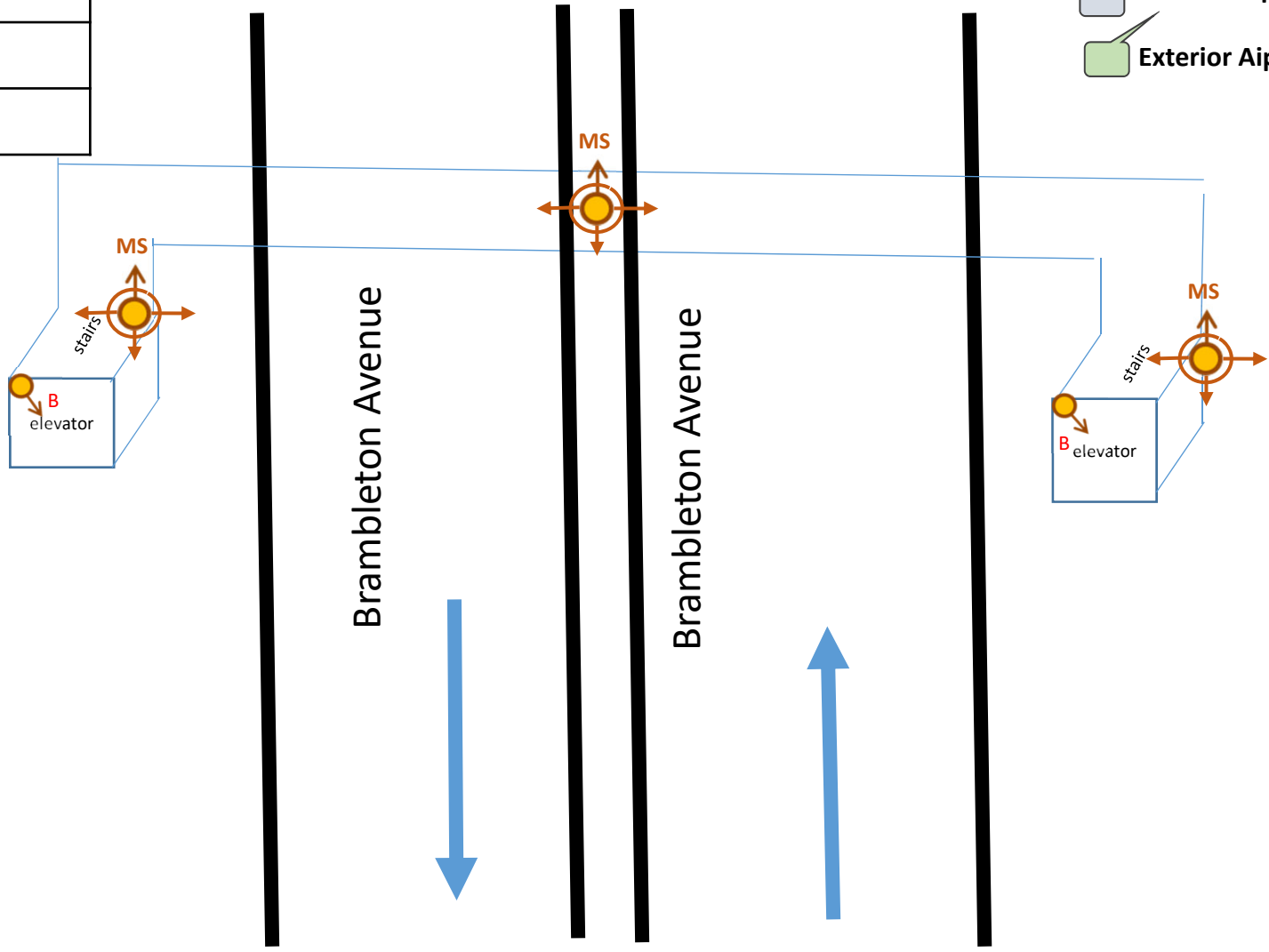
Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic

CALL BOX LEGEND

- Interior Aiphone Box
- Exterior Aiphone Box

North
Staff Garage





WILLIAMS HALL

CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	Total
EXISTING # OF CAMERAS	9		9
PROPOSED # OF CAMERAS	9	2	11

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		Total		
	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	2	6	-	2	2	8	10

PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic

WILLIAMS HALL FIRST FLOOR

South
CHKD-NDC
SouthHampton Ave

CALL BOX LEGEND



Interior Aiphone Box



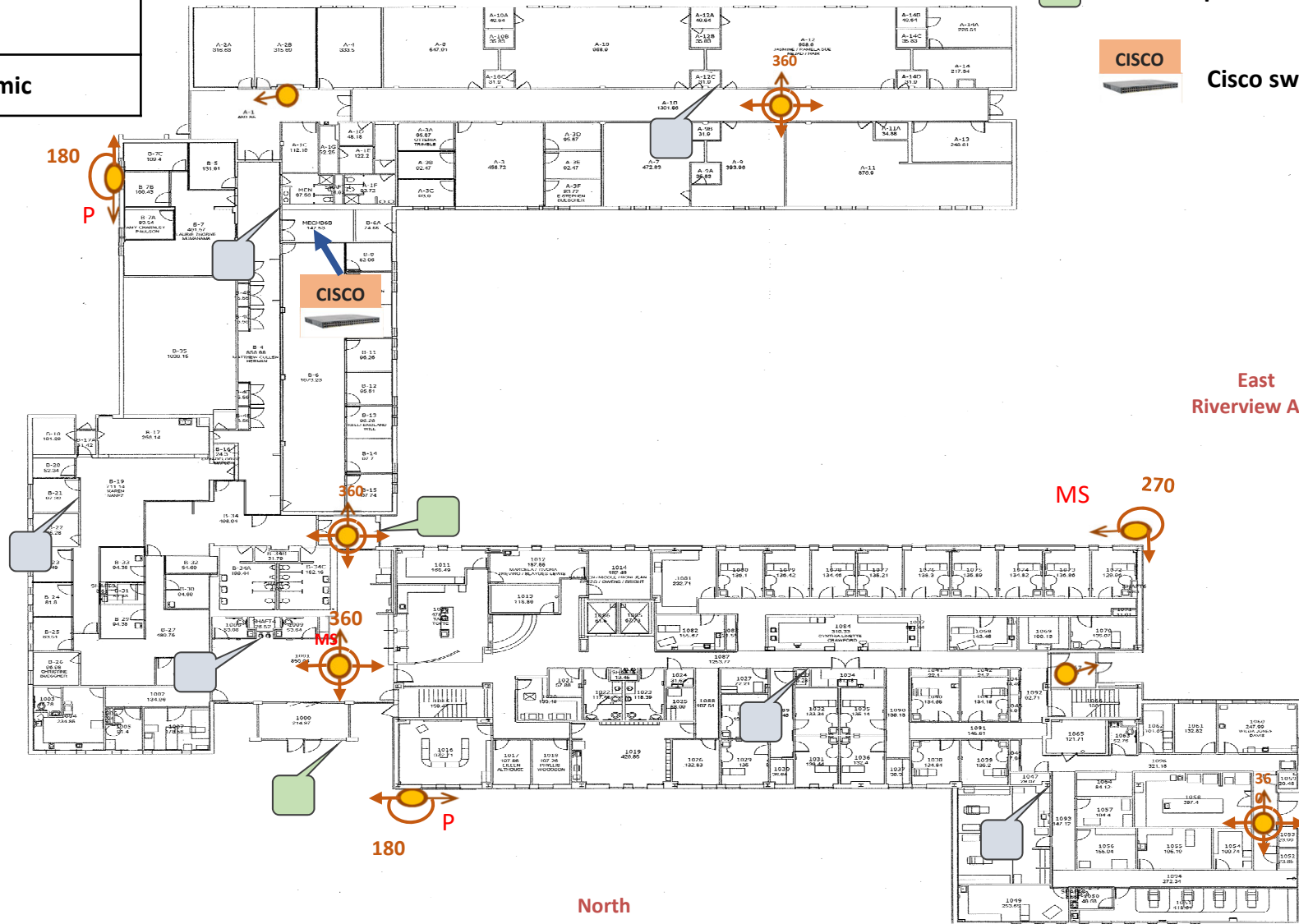
Exterior Aiphone Box



Cisco switch

West
Norfolk Health
Department

East
Riverview Ave



North
W Brambleton Ave

WILLIAMS HALL SECOND FLOOR

PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

South
CHKD-NDC
SouthHampton Ave

CALL BOX LEGEND



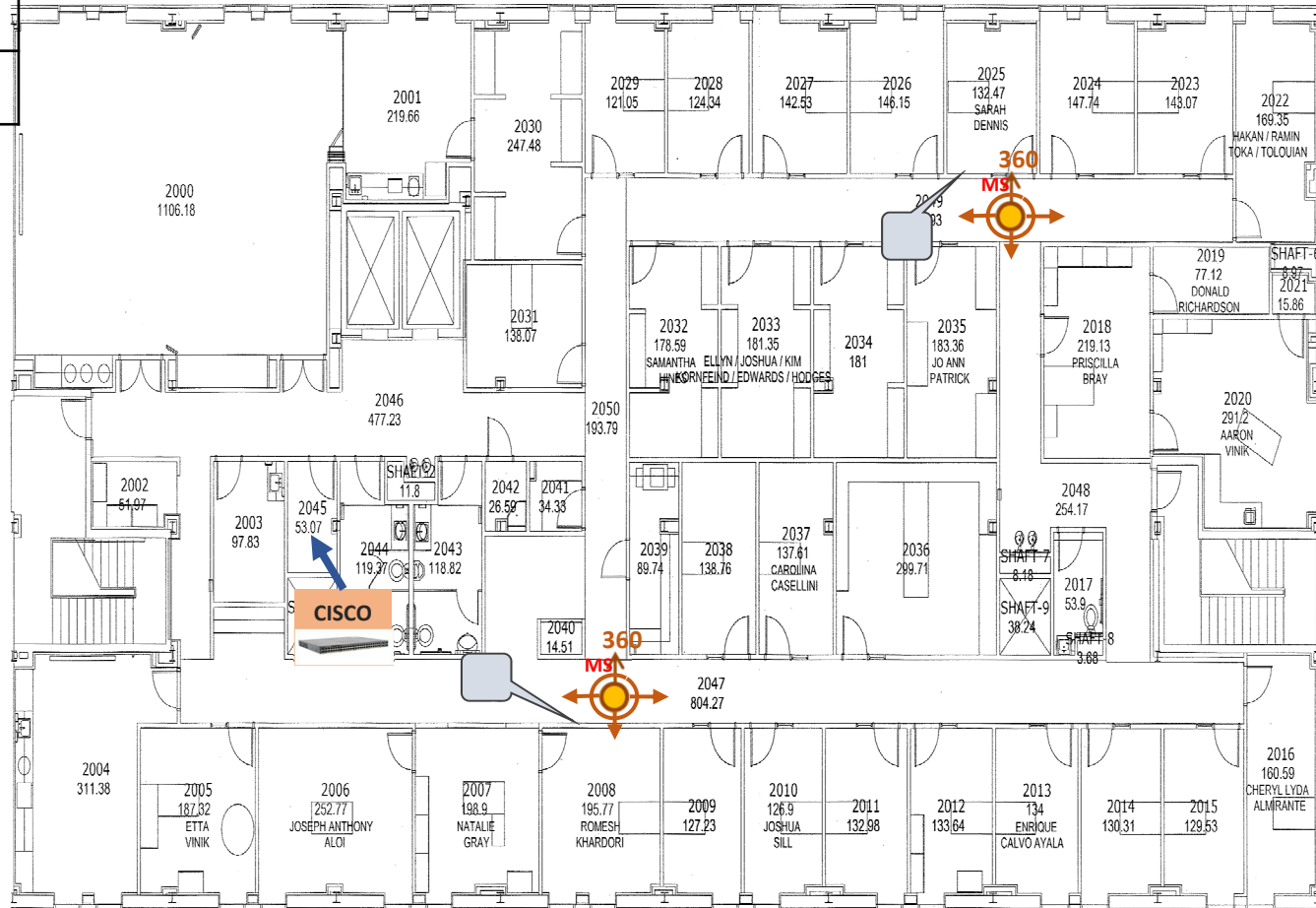
Interior Aiphone Box



Exterior Aiphone Box

West
Norfolk Health
Department

East
Riverview Ave



North
W Brambleton Ave



ANDREWS HALL CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	5	Total
EXISTING # OF CAMERAS	7	1	0	0	0	8
PROPOSED # OF CAMERAS	6	7	2	2	3	20

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		5		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	4	-	4	-	3	-	3	-	3	1	17	18

PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

ANDREWS HALL FIRST FLOOR

WEST
Lot 4
Children's lane

CALL BOX LEGEND



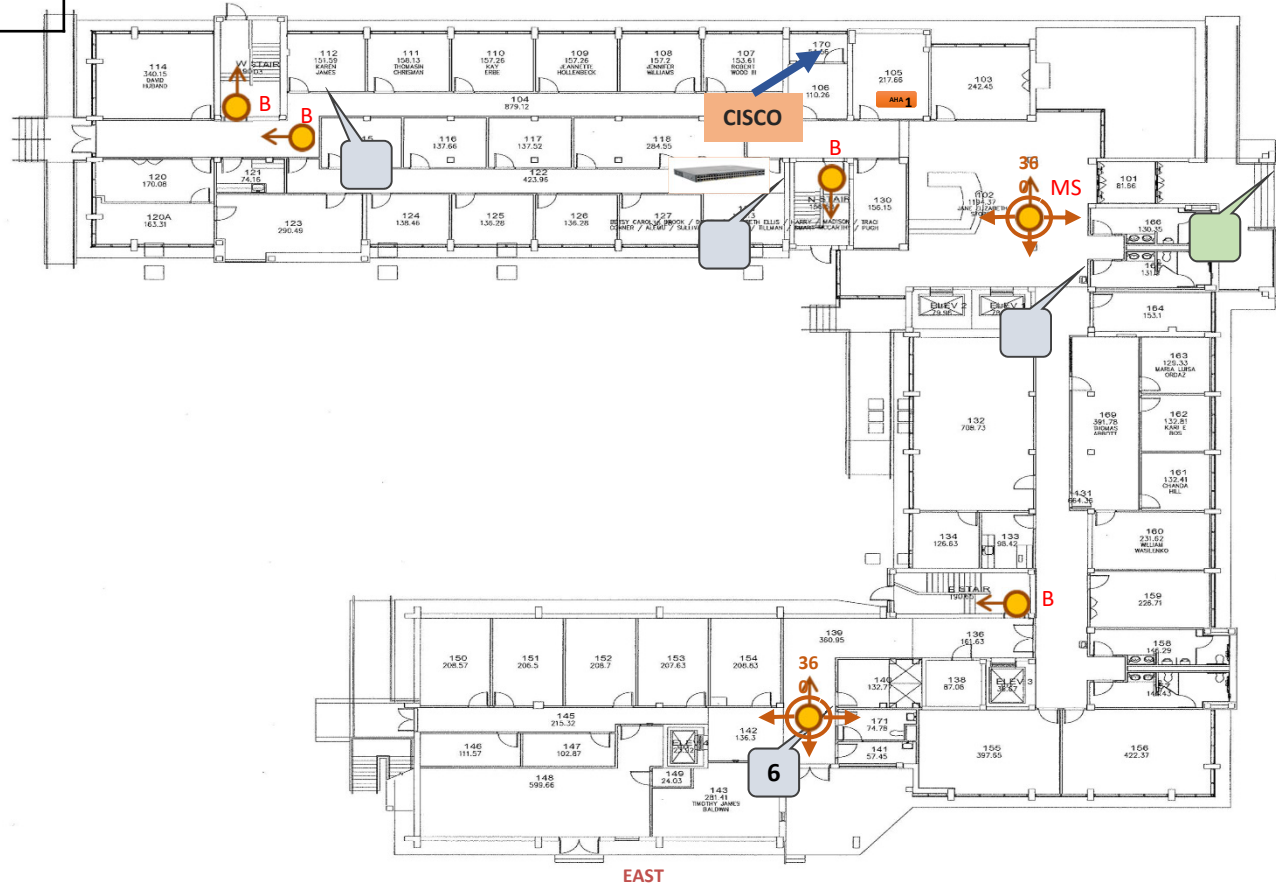
Interior Aiphone Box



Exterior Aiphone Box

SOUTH
Lot 17

NORTH
Fairfax
Ave



PROPOSED CONFIGURATION

Camera Legend

MS
B
P

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

ANDREWS HALL SECOND FLOOR

WEST
Lot 4
Children's lane

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box

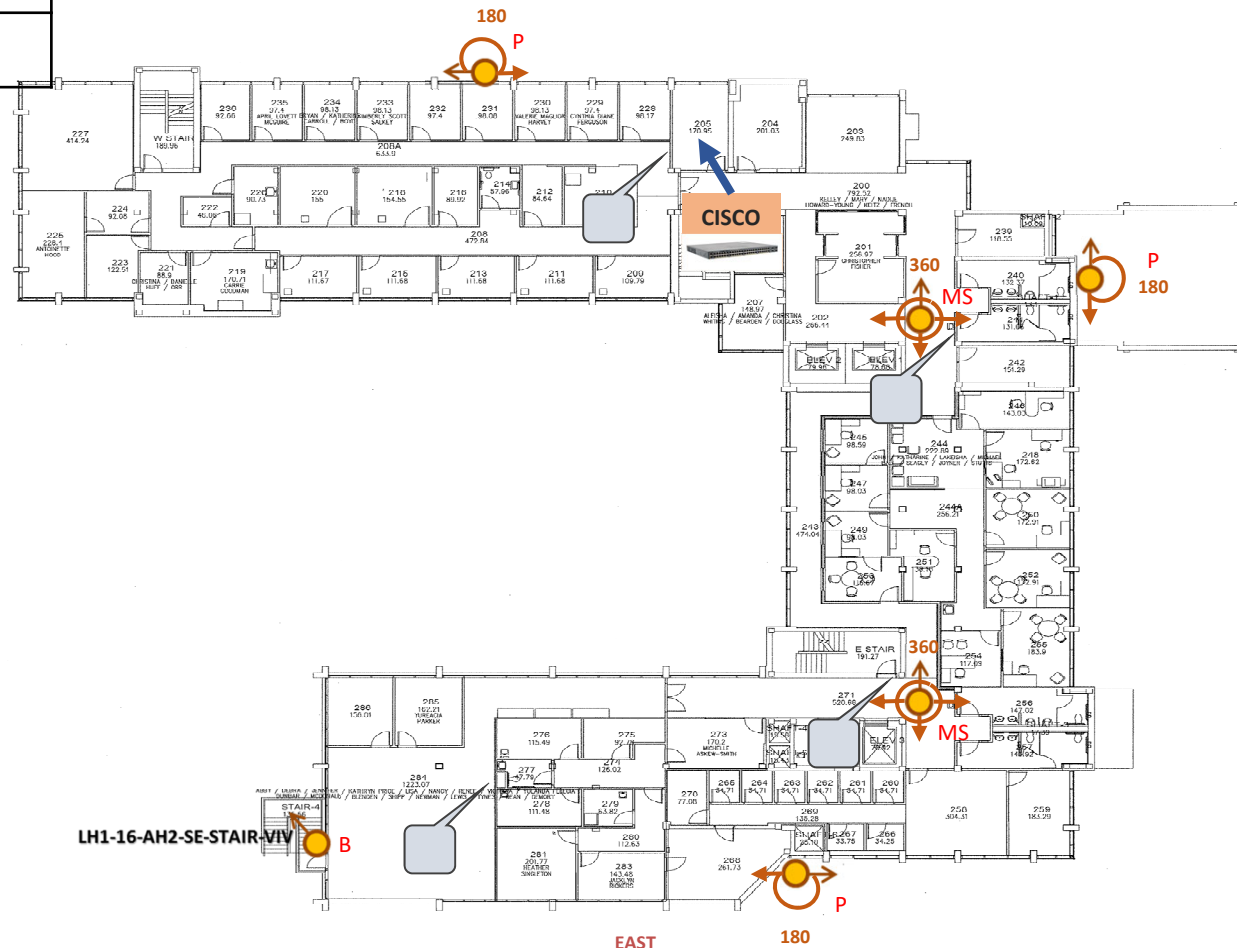
SOUTH
Lot 17

NORTH
Fairfax
Ave

LH1-16-AH2-SE-STAIR-VIV

EAST

180



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

ANDREWS HALL FOURTH FLOOR

WEST

Lot 4

Children's lane

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

ANDREWS HALL FIFTH FLOOR

WEST
Lot 4
Children's lane

CALL BOX LEGEND



Interior Aiphone Box

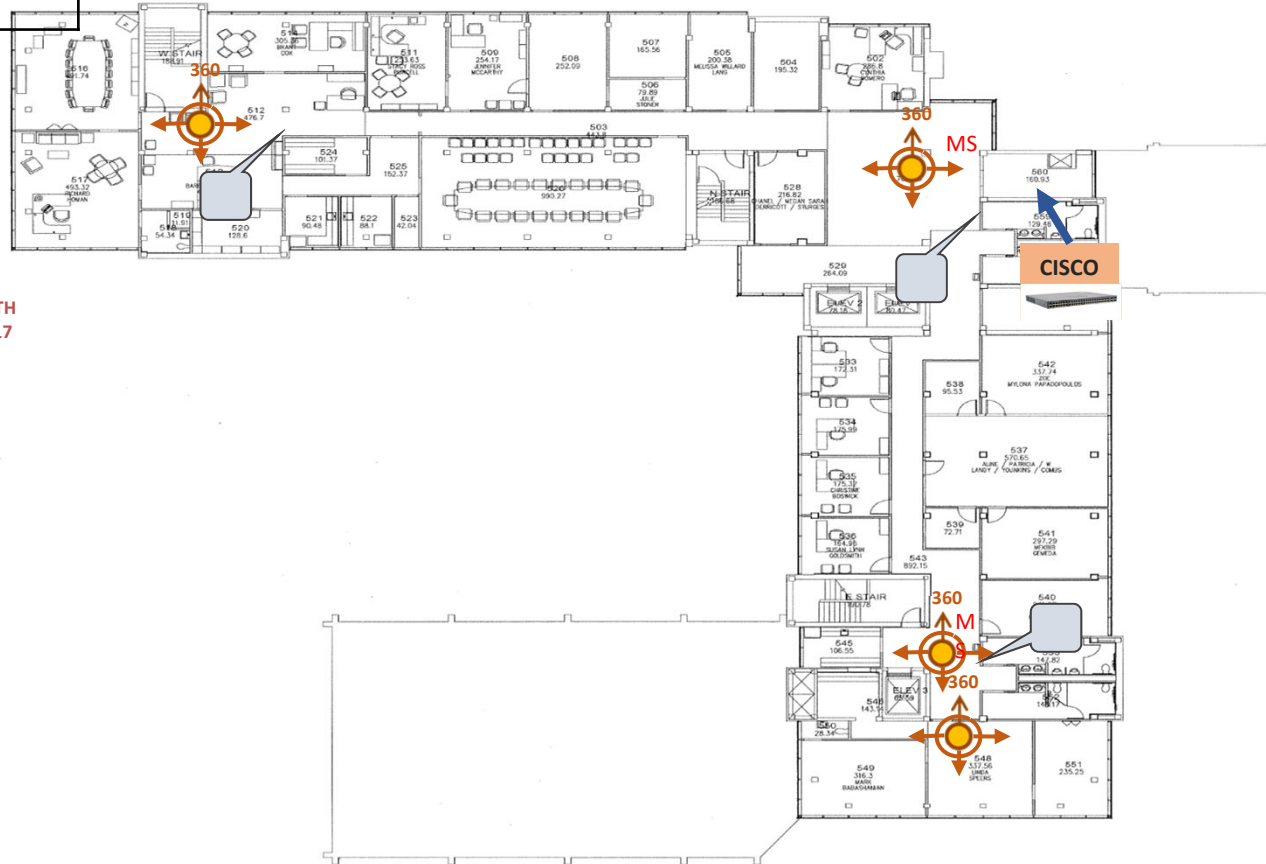


Exterior Aiphone Box

SOUTH
Lot 17

NORTH
Fairfax
Ave

EAST





BRICKELL LIBRARY CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	Total
EXISTING # OF CAMERAS	5	4			9
PROPOSED # OF CAMERAS	9	3	3	5	20

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	3	-	2	-	2	-	1	1	8	9

PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic

BRICKELL LIBRARY

LEVEL 1
EAST
LEWIS HALL

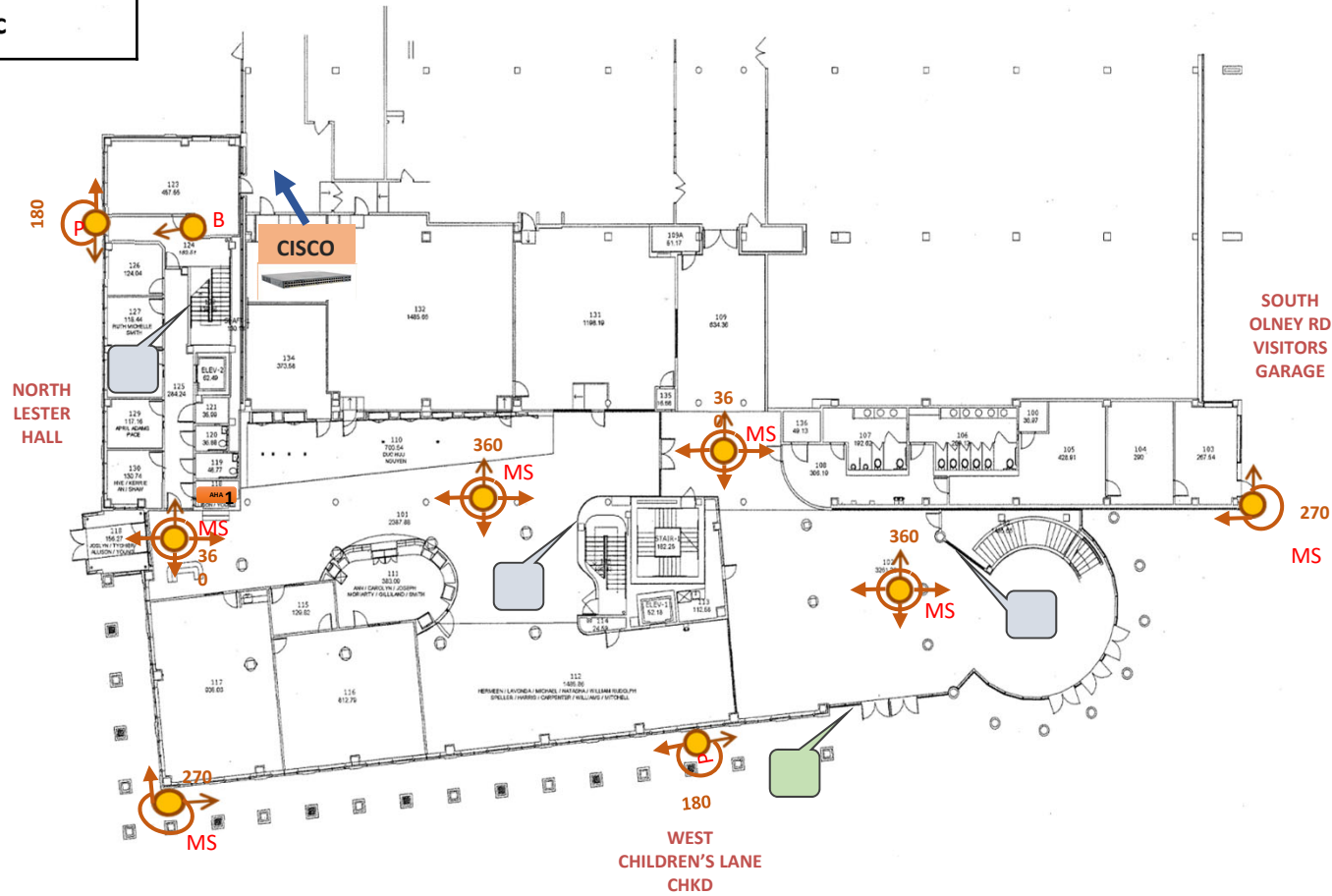
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

BRICKELL LIBRARY

LEVEL 2
EAST
LEWIS HALL

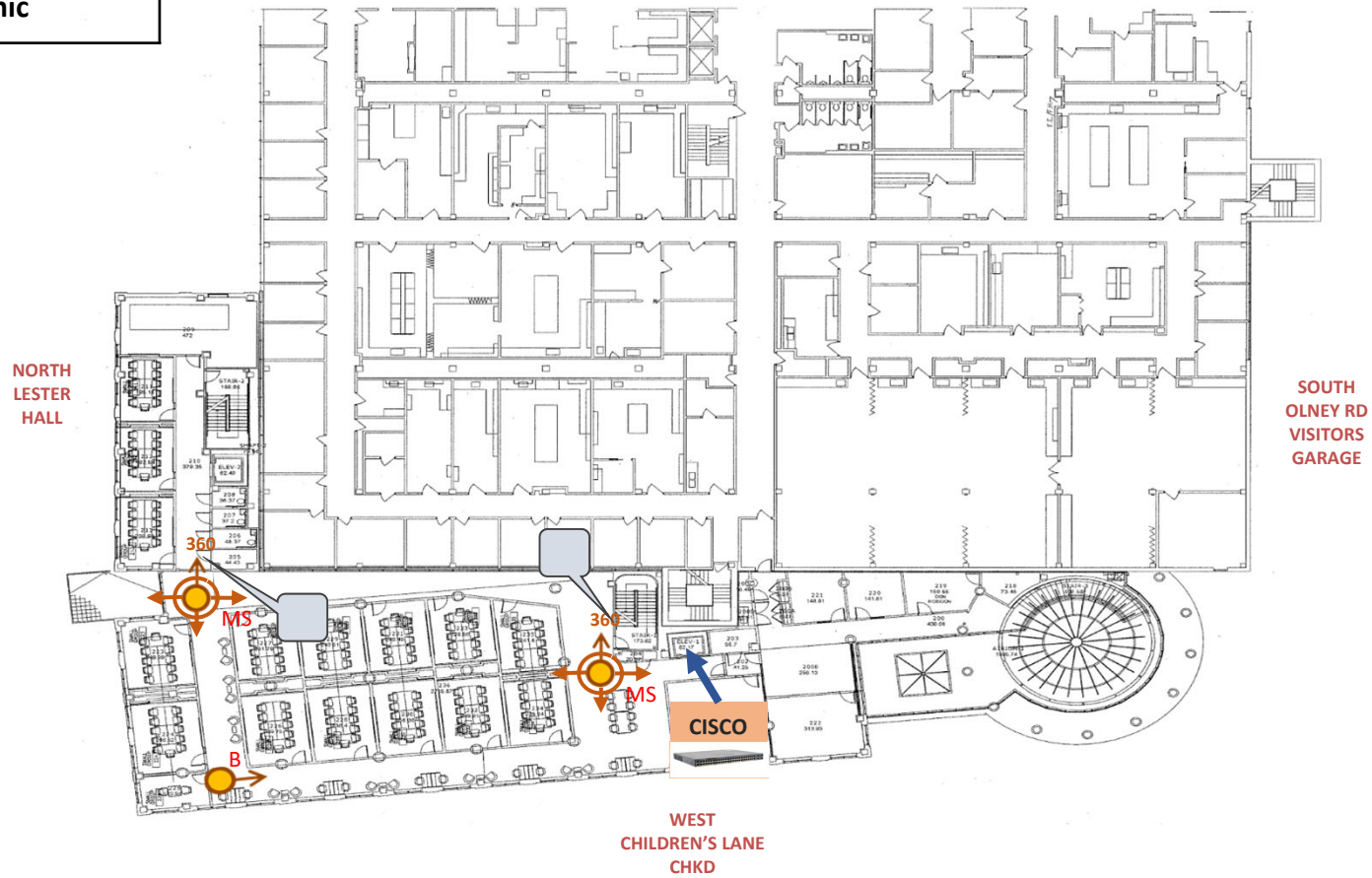
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS
B
P

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

BRICKELL LIBRARY

LEVEL 3
EAST
LEWIS HALL

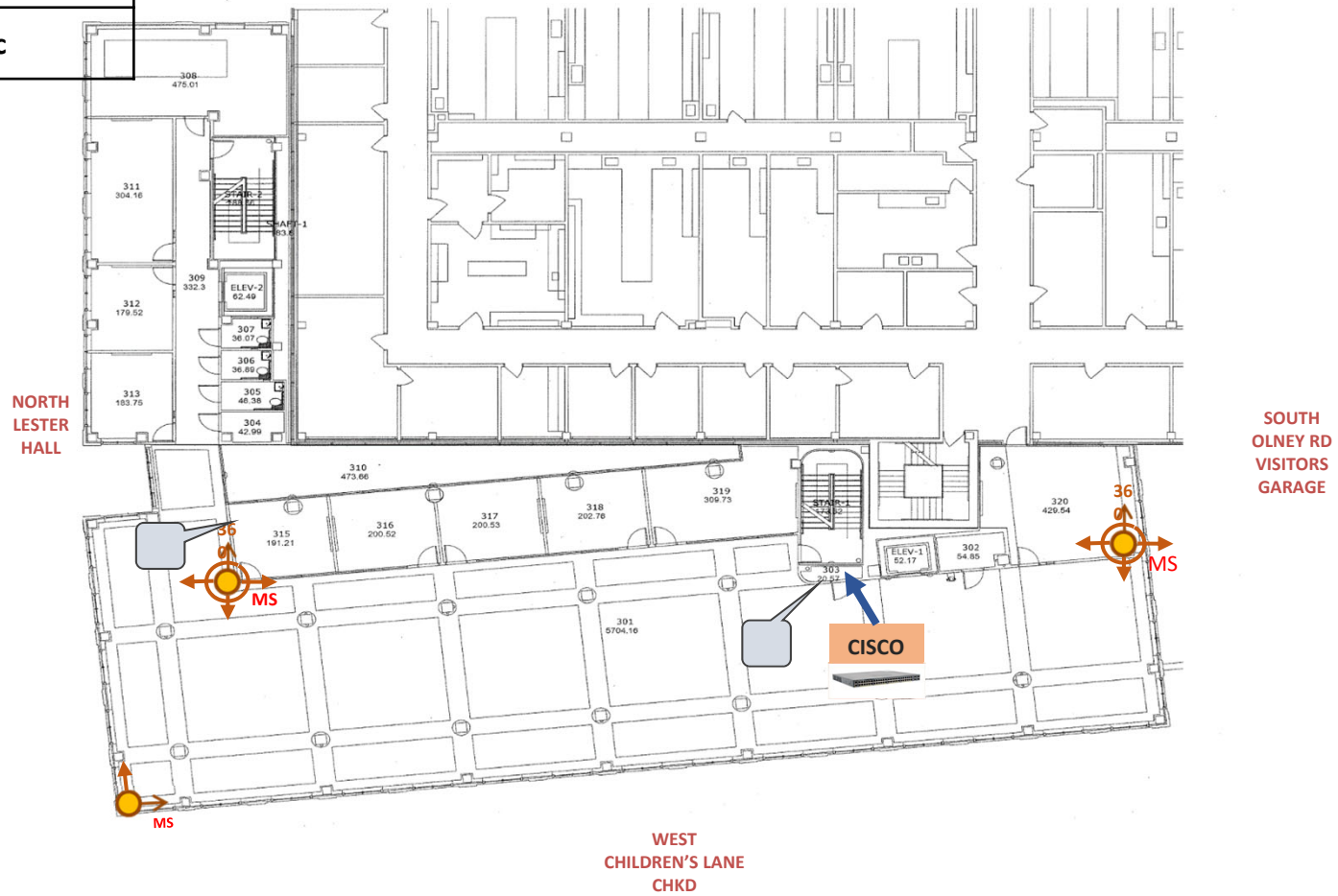
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

BRICKELL LIBRARY

LEVEL 4
EAST
LEWIS HALL

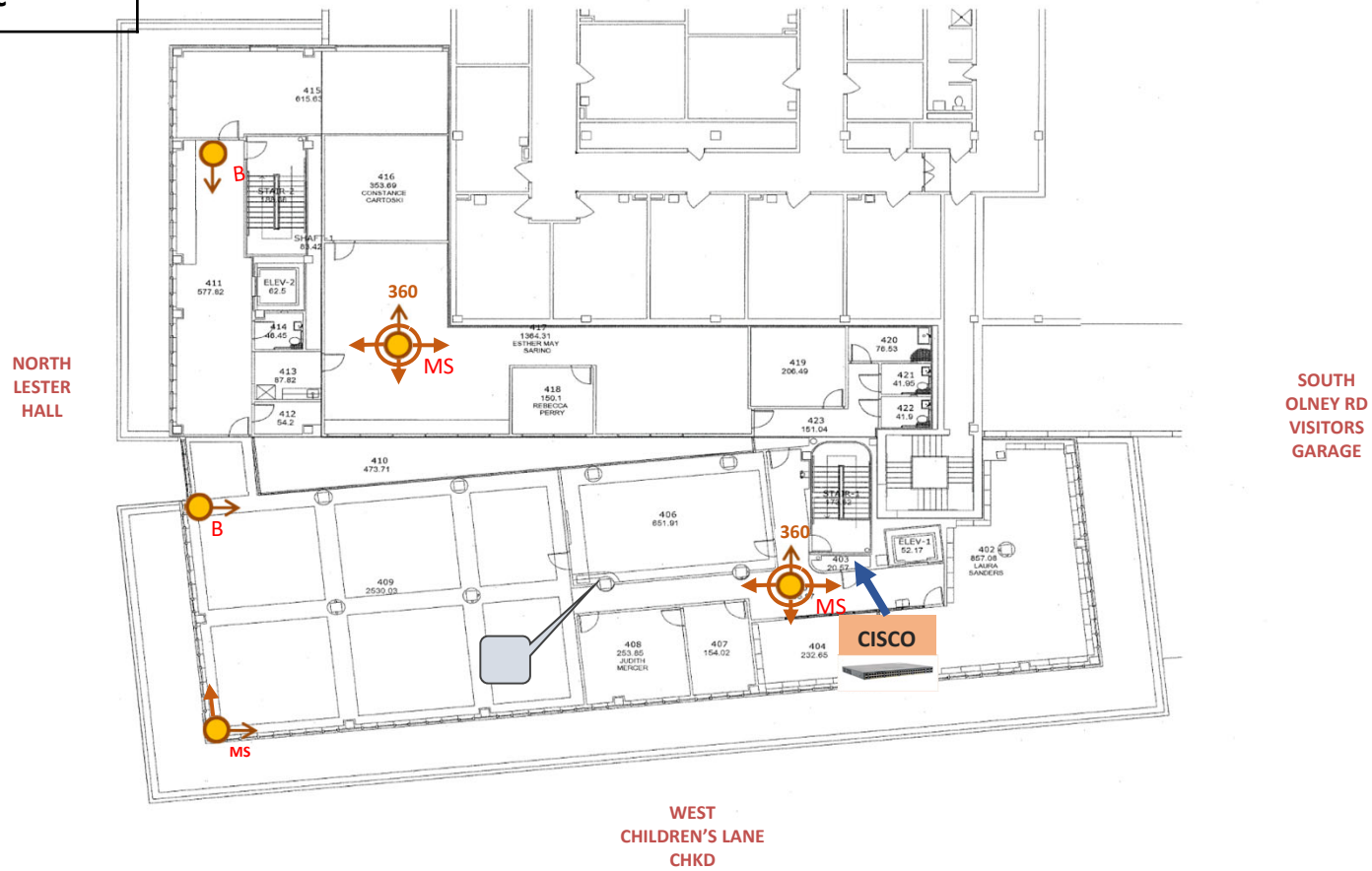
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box





HOFHEIMER HALL

CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	5	6	7	Total
EXISTING # OF CAMERAS	6	2						8
PROPOSED # OF CAMERAS	12	6	8	5	7	5	5	48

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		5		6		7		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	3	-	4	-	3	-	3		5		4		3	1	25	26

PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

HOFHEIMER HALL FIRST FLOOR

**WEST
MEDICAL TOWER**

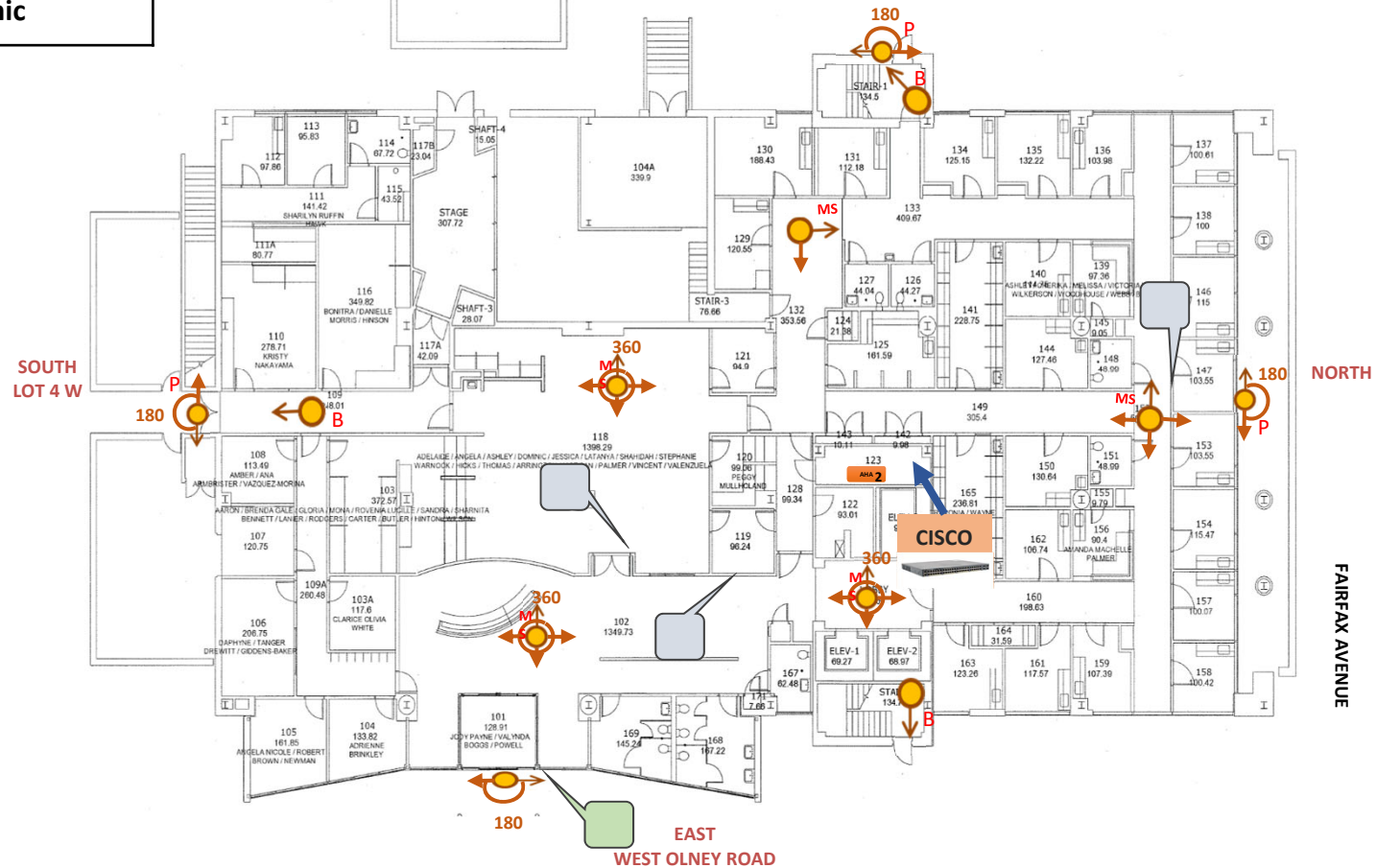
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

HOFHEIMER HALL SECOND FLOOR

WEST
MEDICAL TOWER

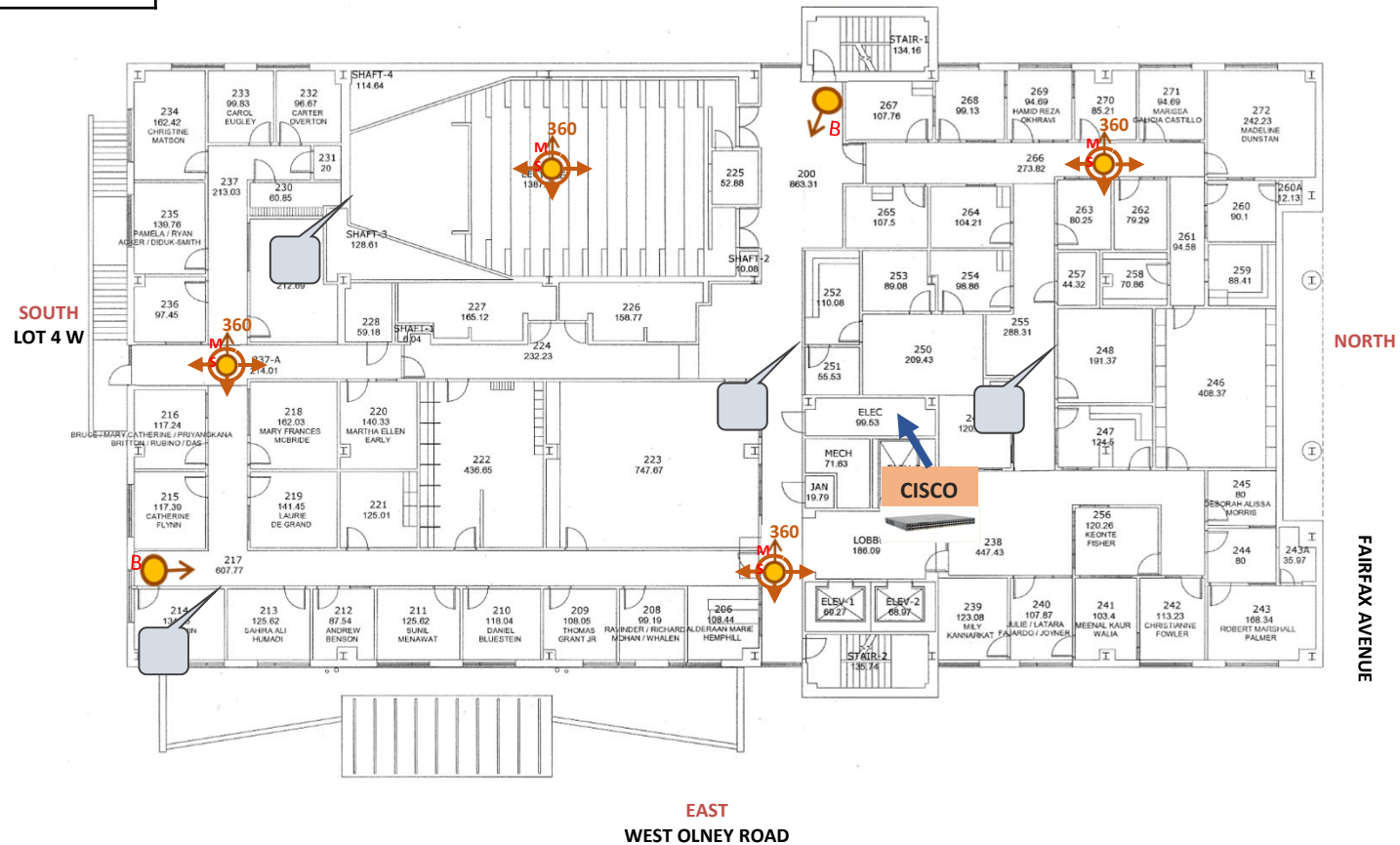
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

HOFHEIMER HALL THIRD FLOOR

WEST
MEDICAL TOWER

CALL BOX LEGEND



Interior Aiphone Box



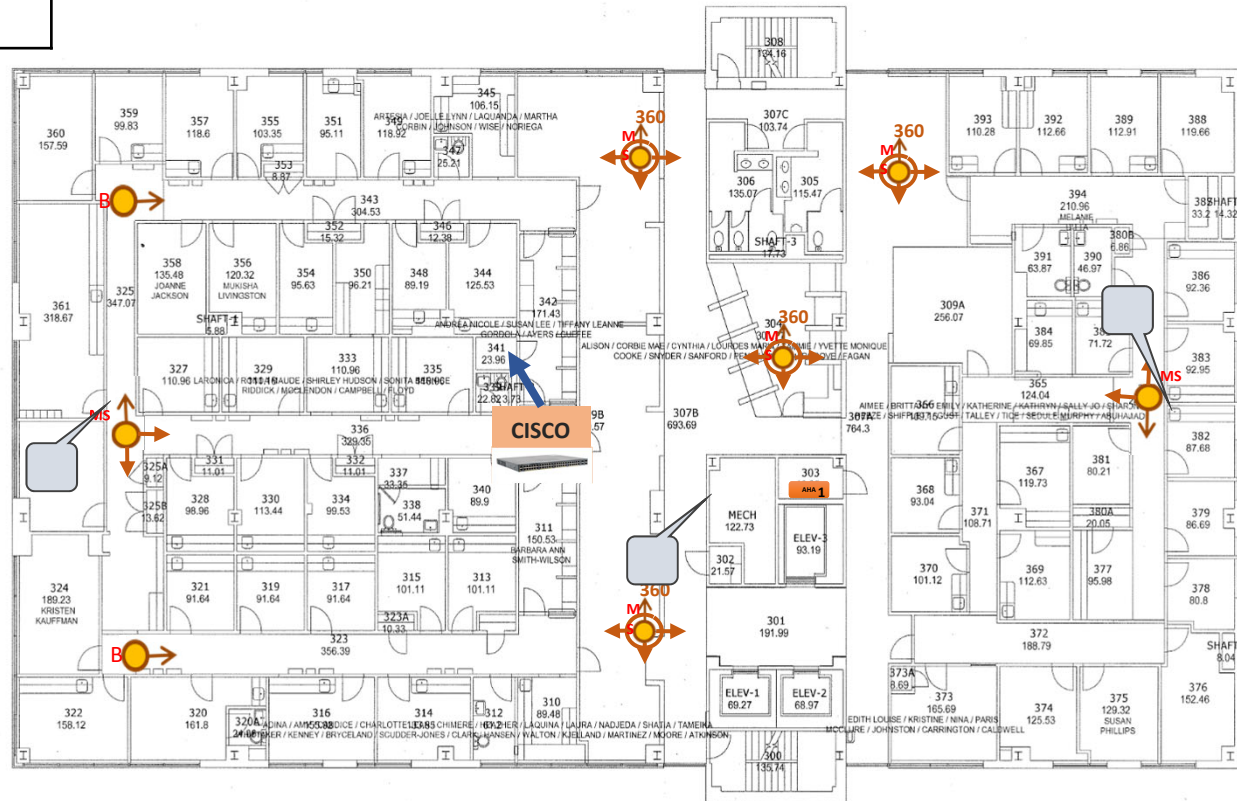
Exterior Aiphone Box

SOUTH
LOT 4 W

NORTH

FAIRFAX AVENUE

EAST
WEST OLNEY ROAD



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

HOFHEIMER HALL FOURTH FLOOR

WEST
MEDICAL TOWER

CALL BOX LEGEND



Interior Aiphone Box



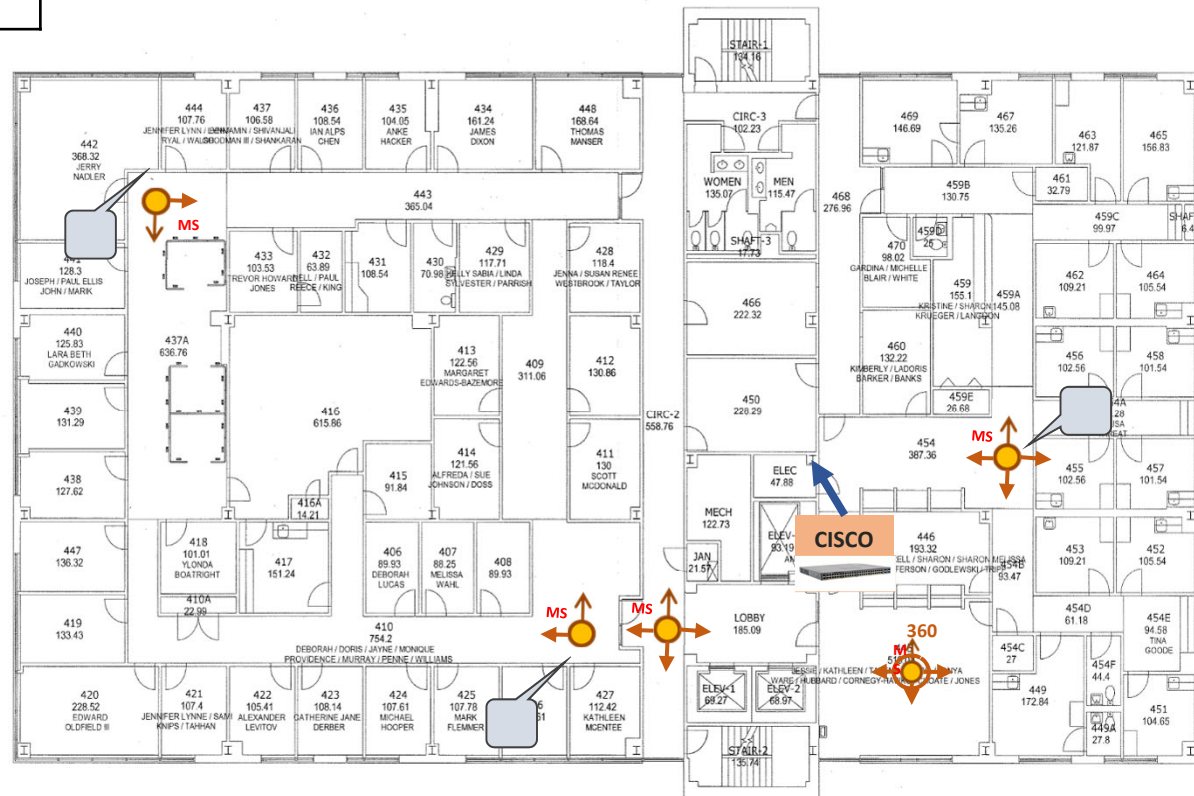
Exterior Aiphone Box

SOUTH
LOT 4 W

NORTH

FAIRFAX AVENUE

EAST
WEST OLNEY ROAD



PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

HOFHEIMER HALL FIFTH FLOOR

**WEST
MEDICAL TOWER**

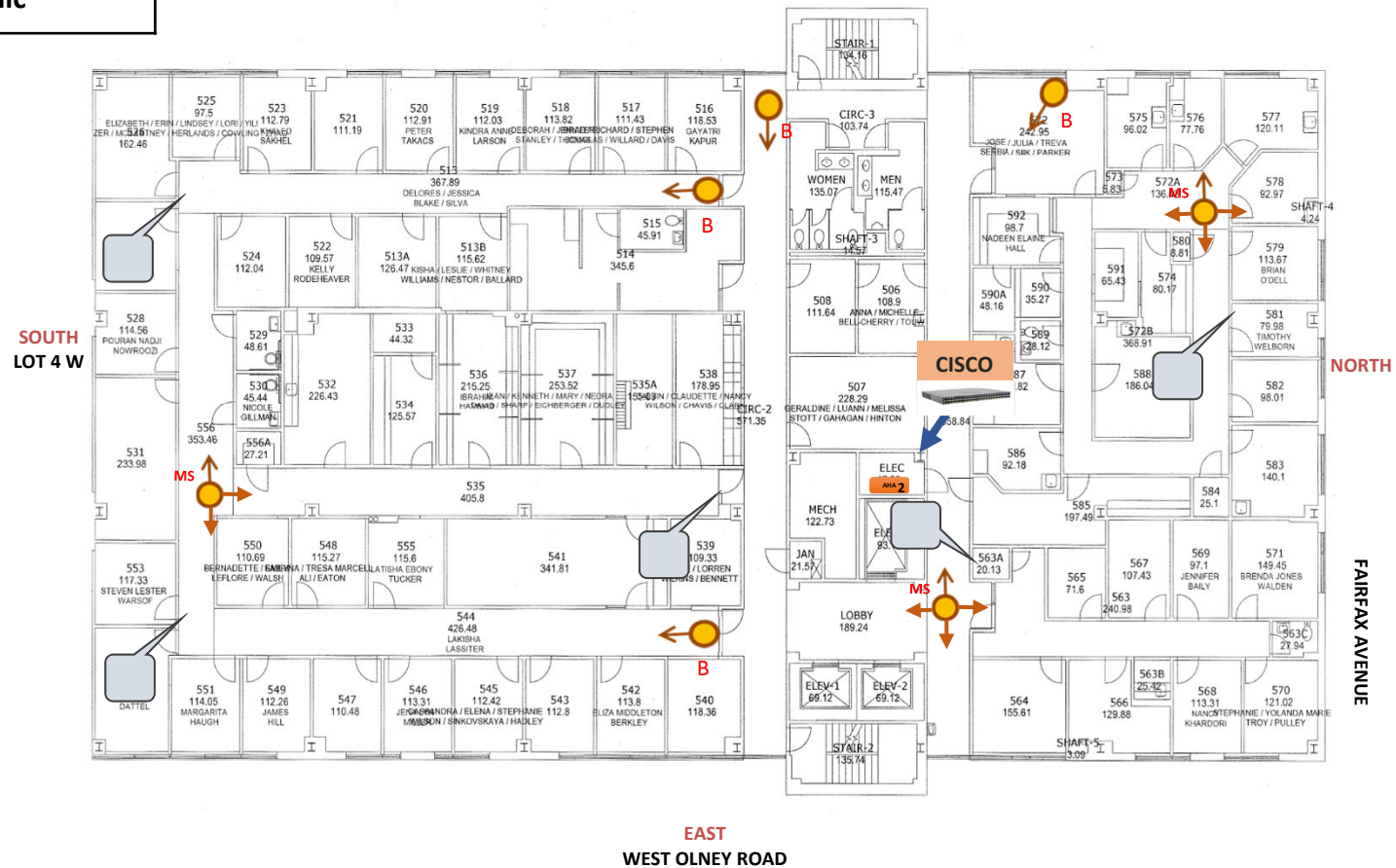
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

HOFHEIMER HALL SIXTH FLOOR

WEST
MEDICAL TOWER

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box

SOUTH
LOT 4 W



EAST
WEST OLNEY ROAD

PROPOSED CONFIGURATION

Camera Legend

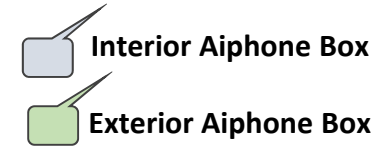
MS
B
P

MS	Multi sensor
B	Bullet
P	Panoramic

HOFHEIMER HALL SEVENTH FLOOR

WEST
MEDICAL TOWER

CALL BOX LEGEND





JONES INSTITUTE CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	Total
EXISTING # OF CAMERAS	7		2		9
PROPOSED # OF CAMERAS	7	2	3	3	15

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	2	-	2	-	3	-	3	1	10	11

PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

JONES INSTITUTE FLOOR 1

East
Colley Avenue

180

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box

North
Lester Hall

South
Olney Road



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

CALL BOX LEGEND



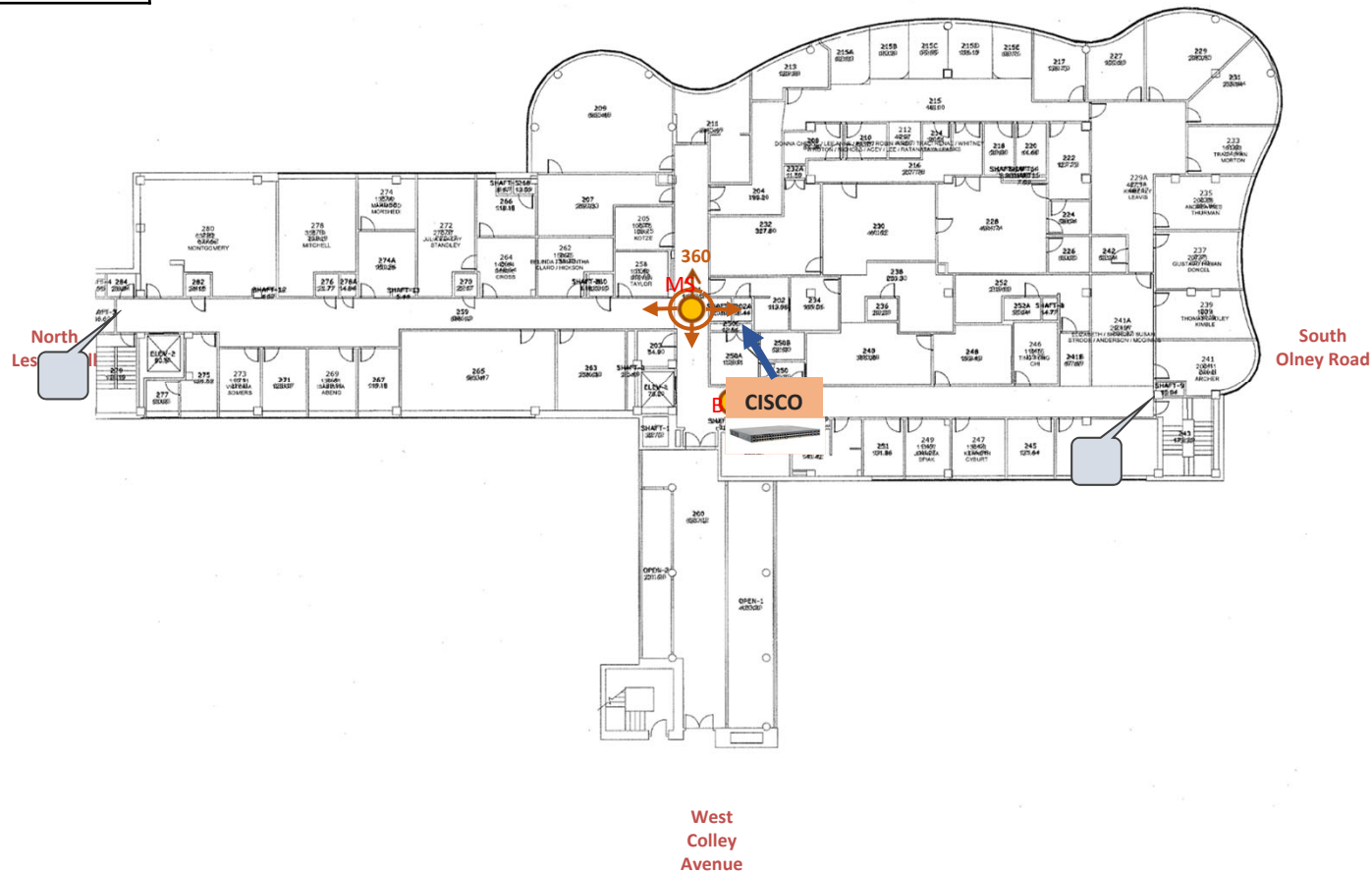
Interior Aiphone Box



Exterior Aiphone Box

JONES INSTITUTE FLOOR 2

East
Colley Avenue



PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

CALL BOX LEGEND



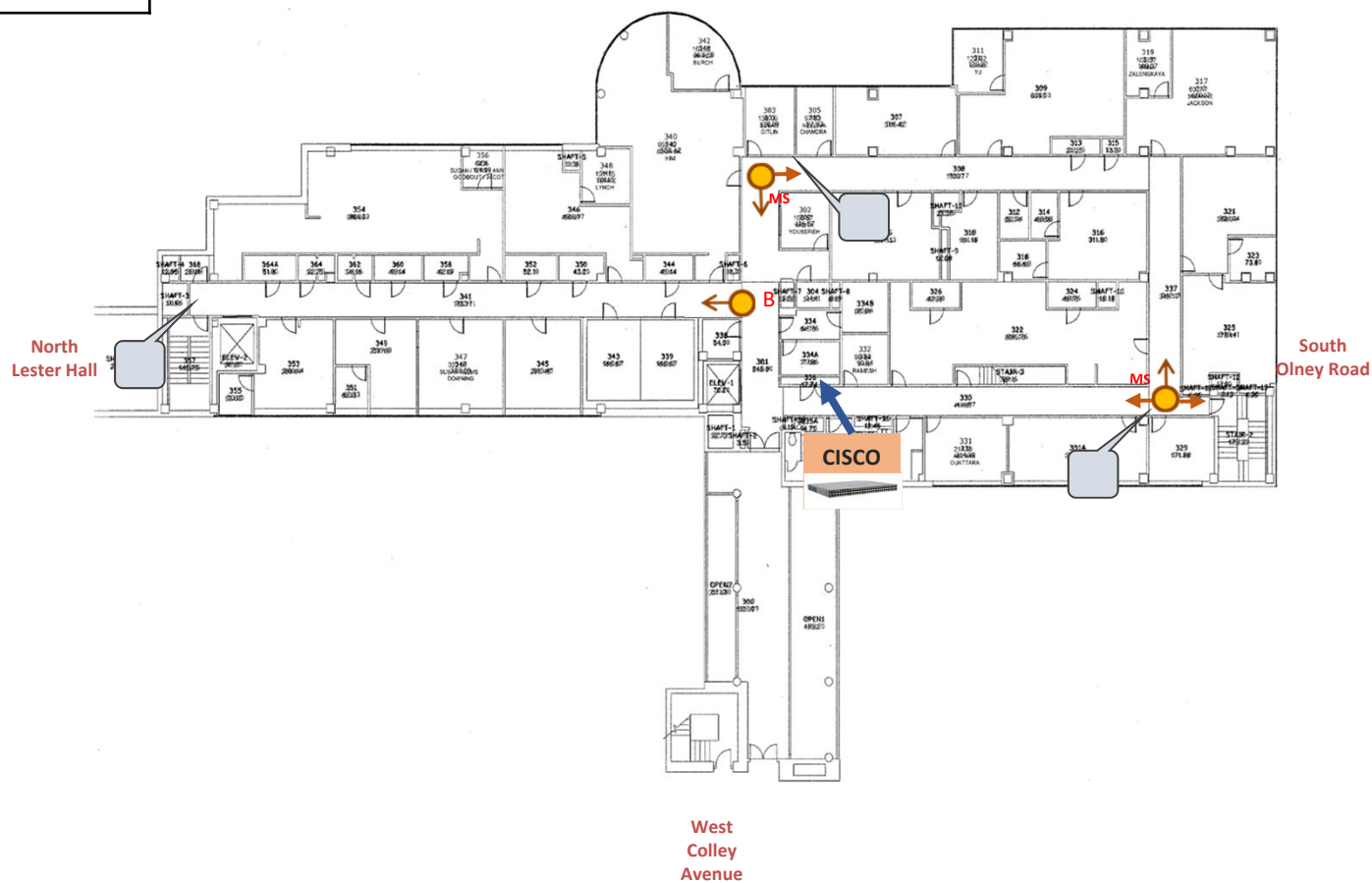
Interior Aiphone Box



Exterior Aiphone Box

JONES INSTITUTE FLOOR 3

East
Colley Avenue



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

JONES INSTITUTE FLOOR 4

East
Colley Avenue

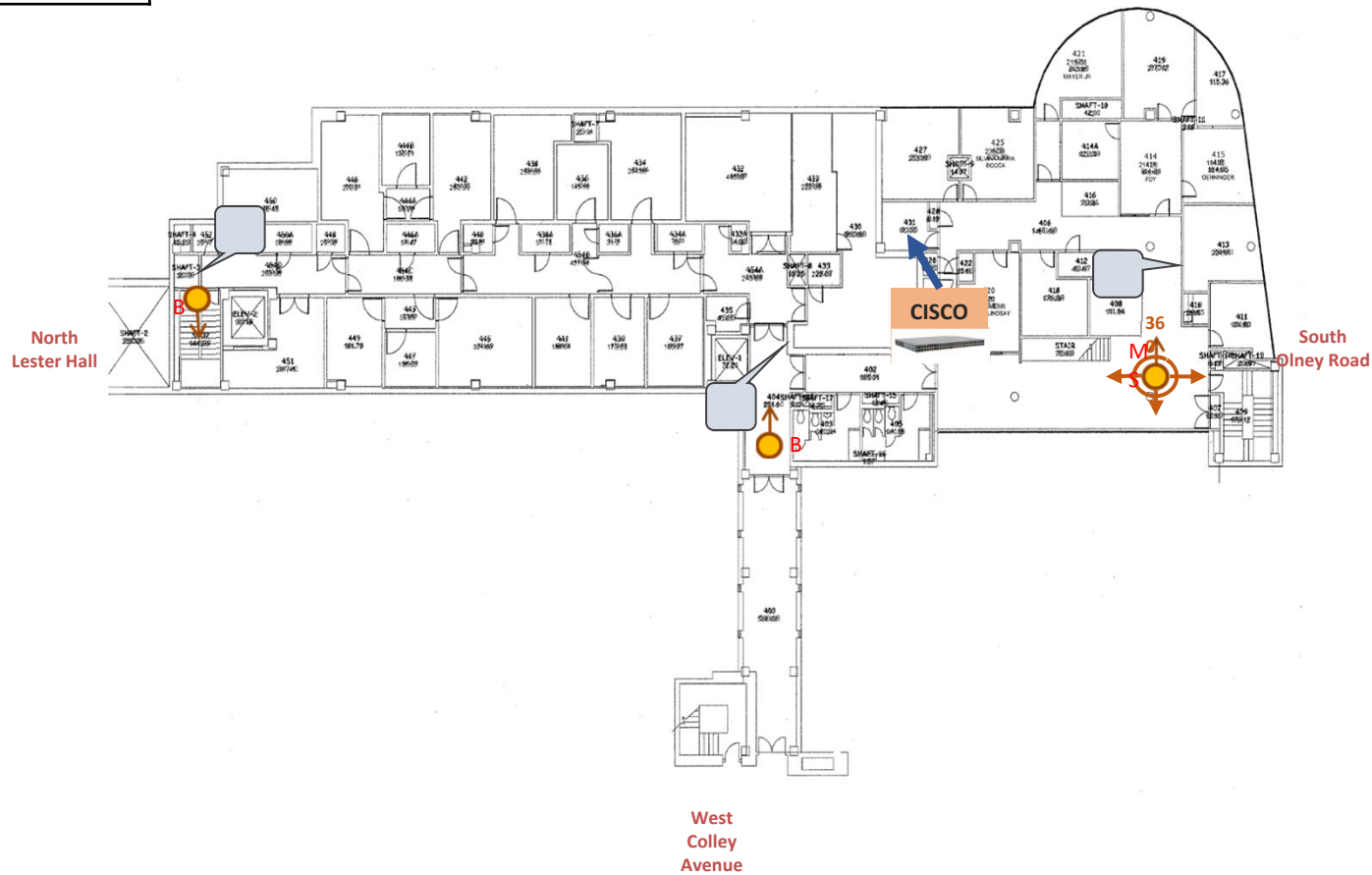
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box





LESTER HALL

CAMERAS CURRENT AND PROPOSED CONFIGURATION

FLOOR	1	2	3	4	5	Total
EXISTING # OF CAMERAS	17	6	11	3	2	39
PROPOSED # OF CAMERAS	10	5	9	5	1	30

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		5		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	1	4	-	3	-	3	-	4	-	-	1	14	15

LESTER HALL FLOOR 1

East
Colley Avenue

PROPOSED CONFIGURATION

LEGEND

P – Panoramic camera
B – Bullet camera
D – dual sensor camera
MS – Multi-sensor camera

CALL BOX LEGEND

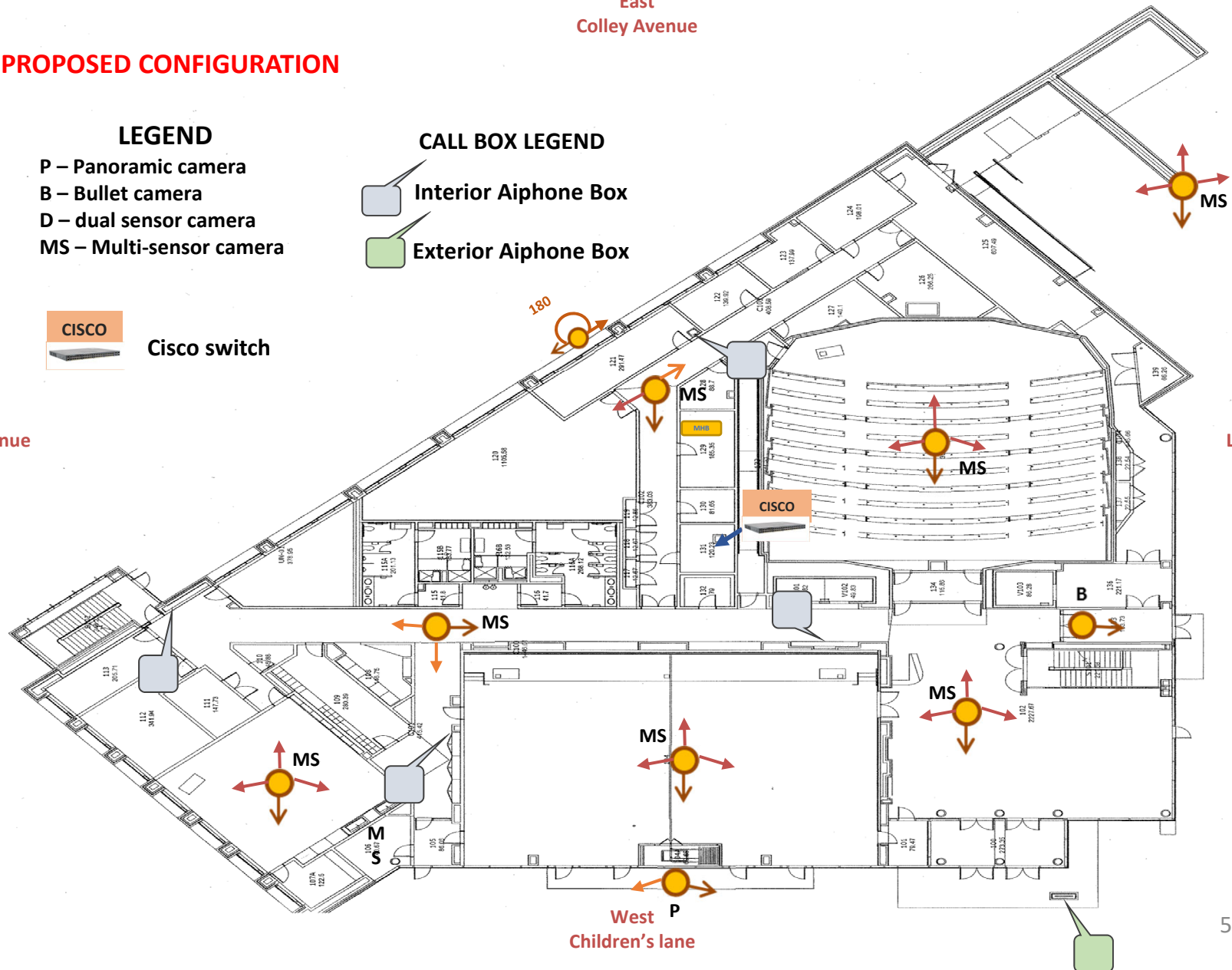
Interior Aiphone Box
Exterior Aiphone Box

CISCO
Cisco switch

North
Raleigh Avenue

South
Lewis Hall

West
Children's lane



LESTER HALL FLOOR 2

East
Colley Avenue

PROPOSED CONFIGURATION

LEGEND

P – Panoramic camera
B – Bullet camera
D – dual sensor camera
MS – Multi-sensor camera

CALL BOX LEGEND

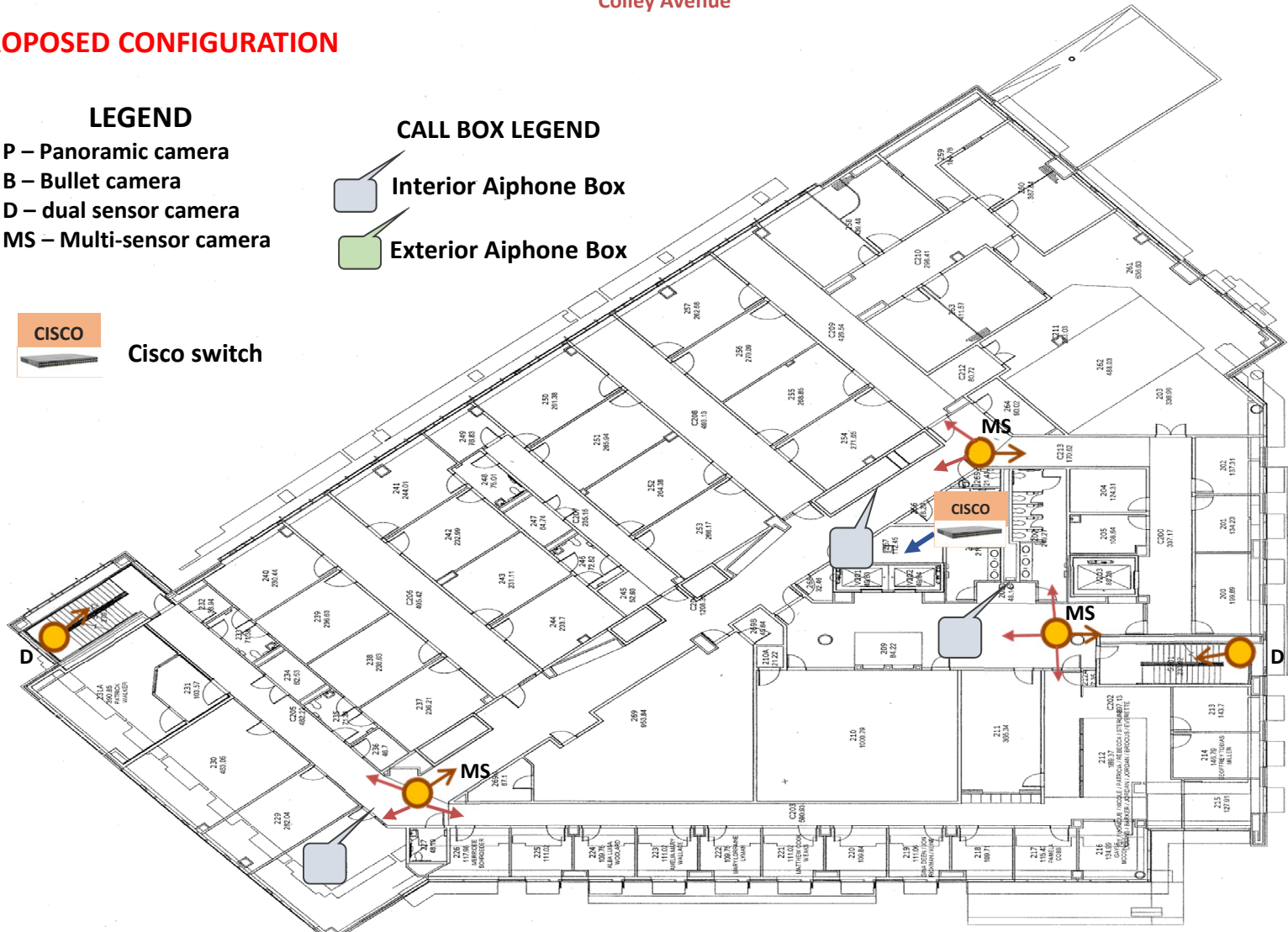
Interior Aiphone Box
Exterior Aiphone Box



Cisco switch

North
Raleigh Avenue

South
Lewis Hall



LESTER HALL FLOOR 3

East
Colley Avenue

PROPOSED CONFIGURATION

LEGEND

P – Panoramic camera
B – Bullet camera
D – dual sensor camera
MS – Multi-sensor camera

CALL BOX LEGEND

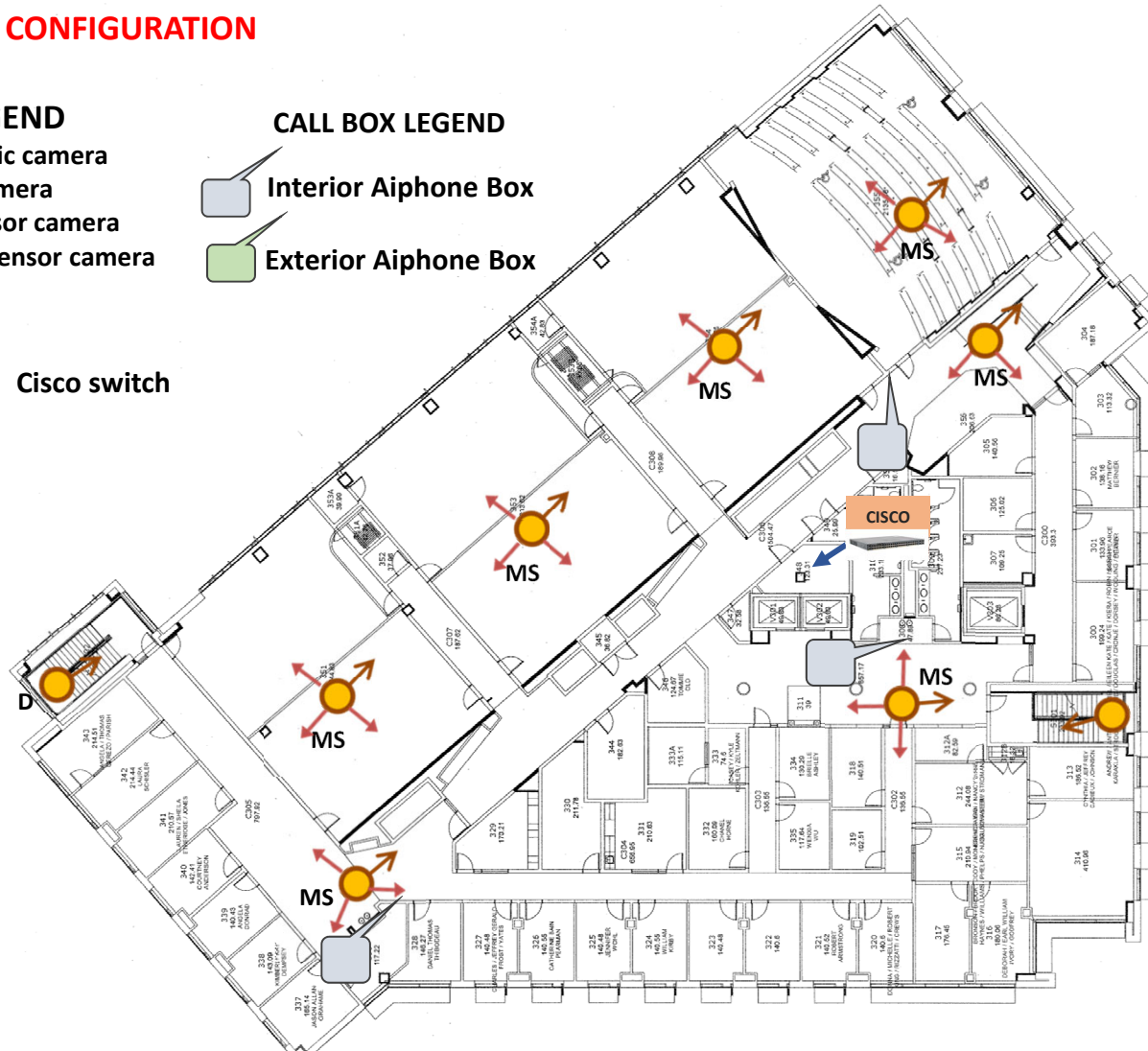
Interior Aiphone Box
Exterior Aiphone Box



Cisco switch

North
Raleigh Avenue

South
Lewis Hall



West
Children's lane

LESTER HALL FLOOR 4

East
Colley Avenue

PROPOSED CONFIGURATION

LEGEND

- P – Panoramic camera
- B – Bullet camera
- D – dual sensor camera
- MS – Multi-sensor camera

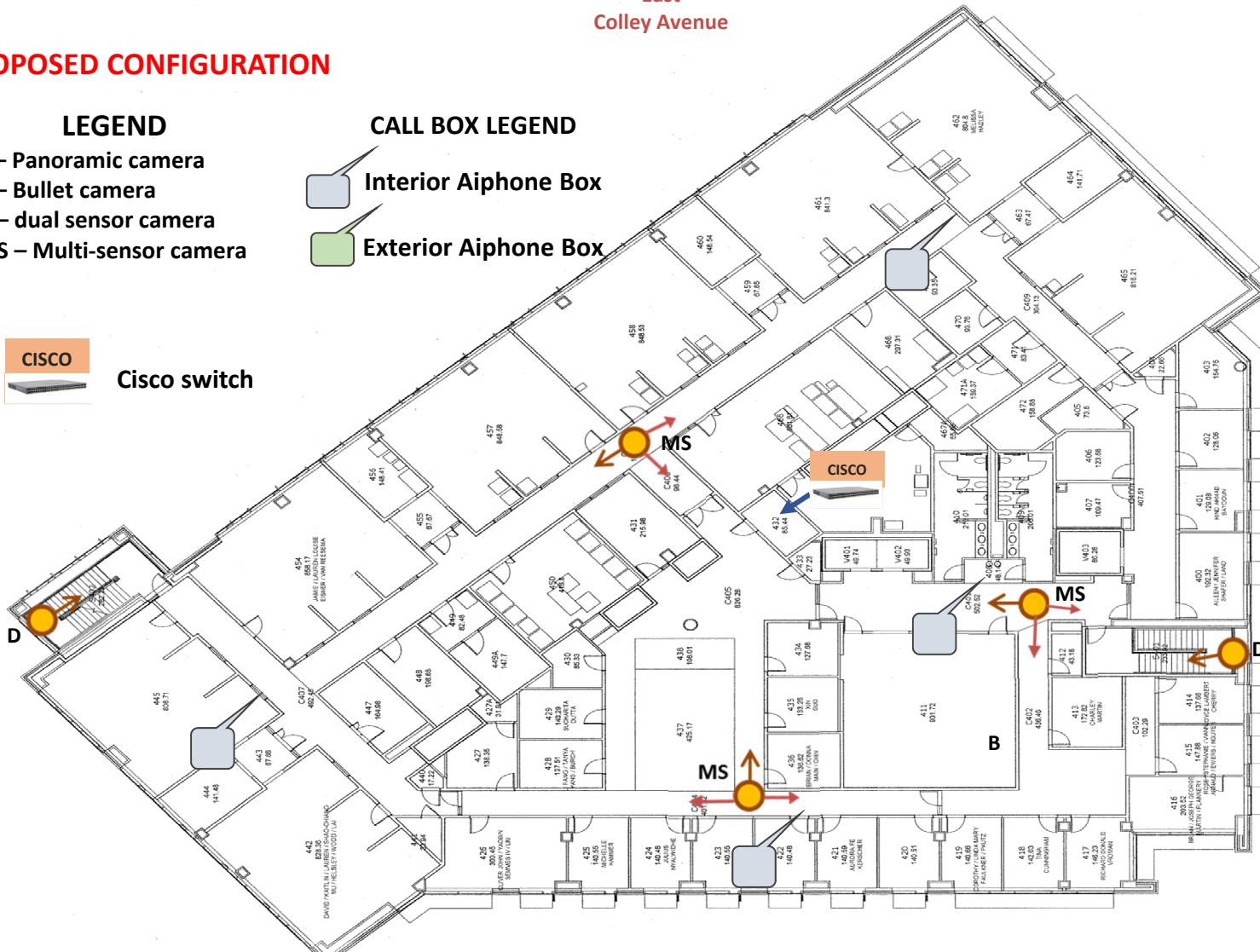
CALL BOX LEGEND

- Interior Aiphone Box
- Exterior Aiphone Box



North
Raleigh Avenue

South
Lewis Hall



West
Children's lane

LESTER HALL FLOOR 5

East
Colley Avenue

PROPOSED CONFIGURATION

LEGEND

P – Panoramic camera
B – Bullet camera
D – dual sensor camera
MS – Multi-sensor camera

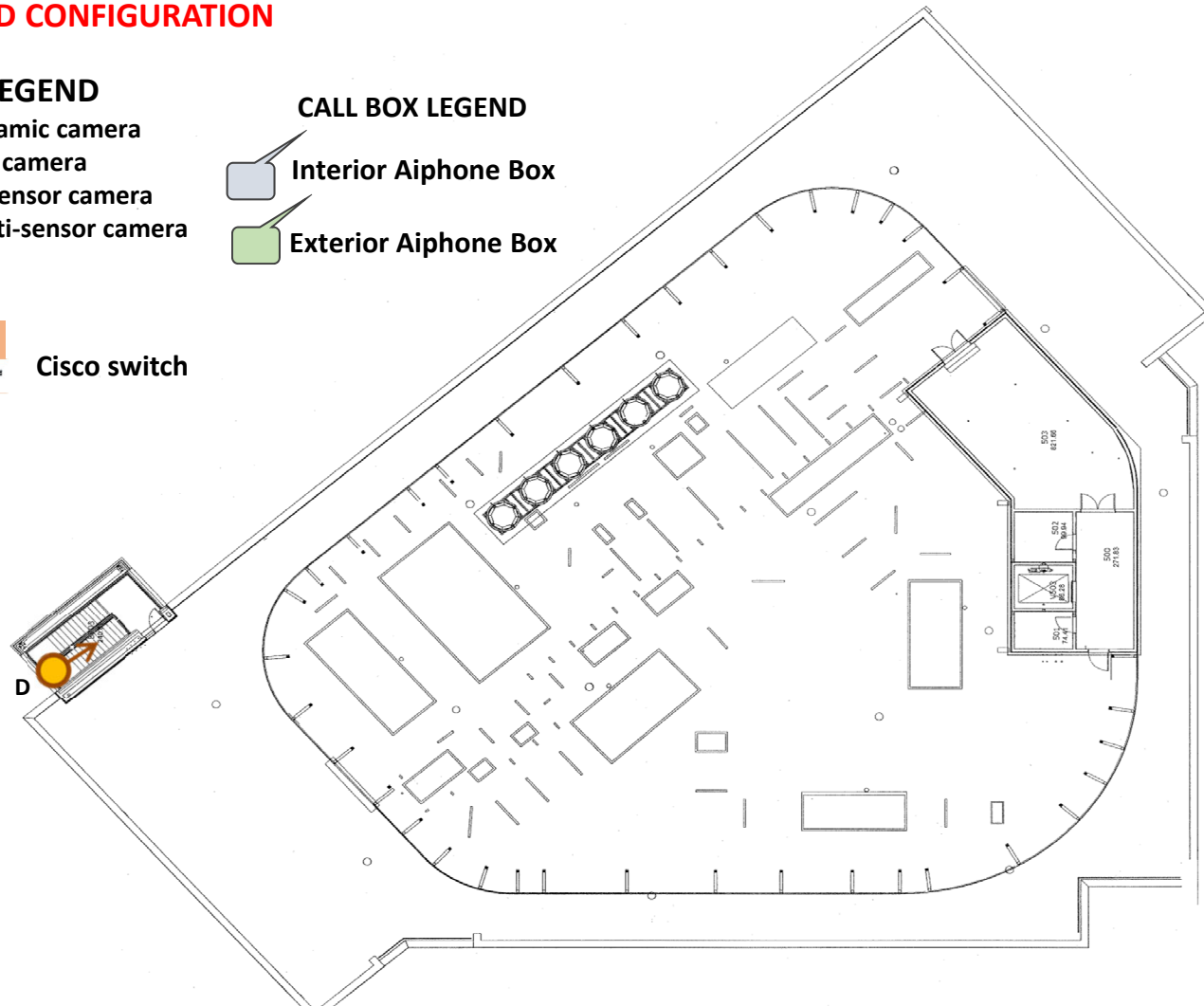
CALL BOX LEGEND

Interior Aiphone Box
Exterior Aiphone Box

CISCO
Cisco switch

North
Raleigh Avenue

South
Lewis Hall



West
Children's lane



LEWIS HALL CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	Total
EXISTING # OF CAMERAS	11	4		6	21
PROPOSED # OF CAMERAS	16	8	6	6	36

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	2	5	-	8	-	7	-	4	2	24	26

PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

LEWIS HALL FLOOR 1

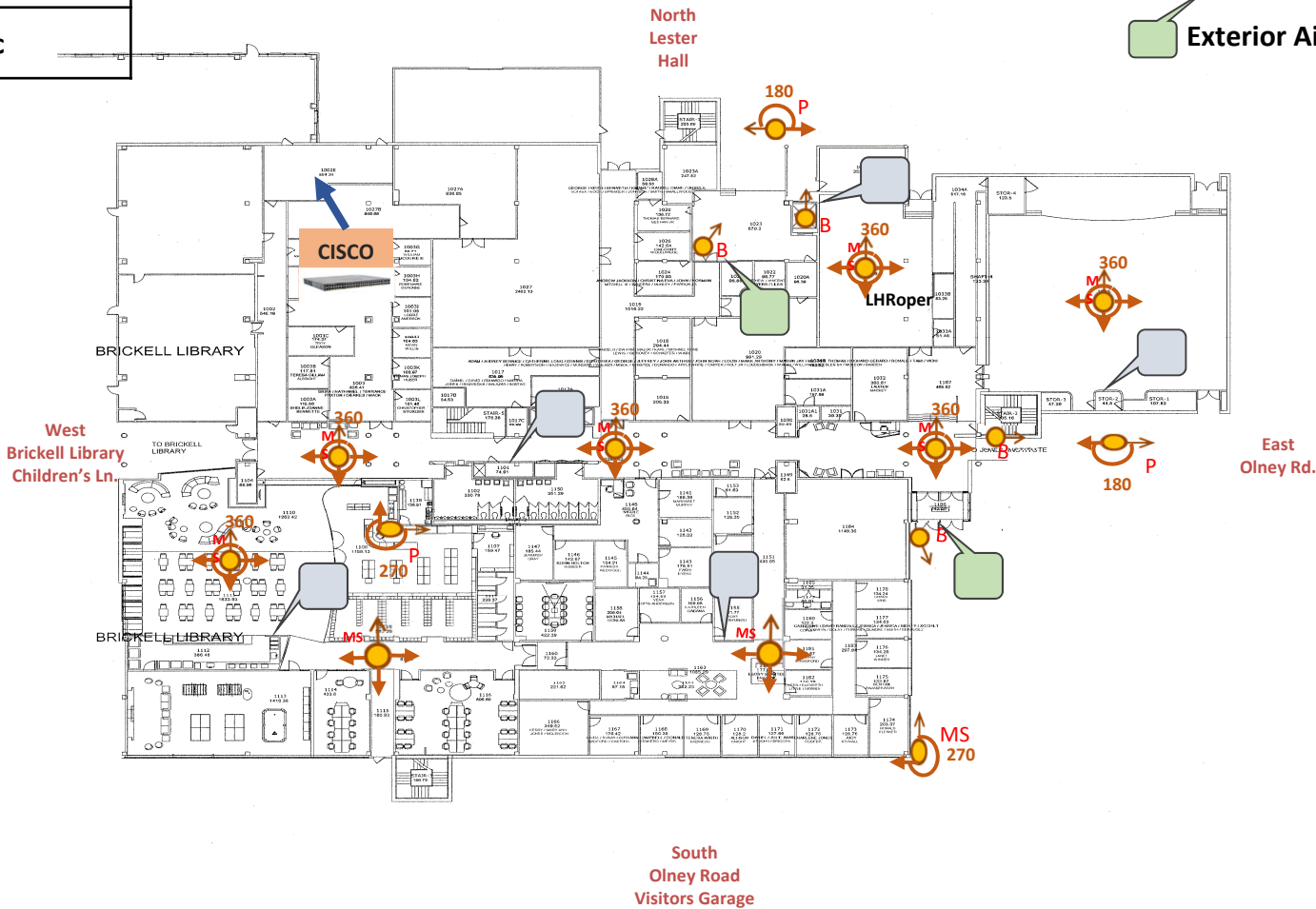
CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic

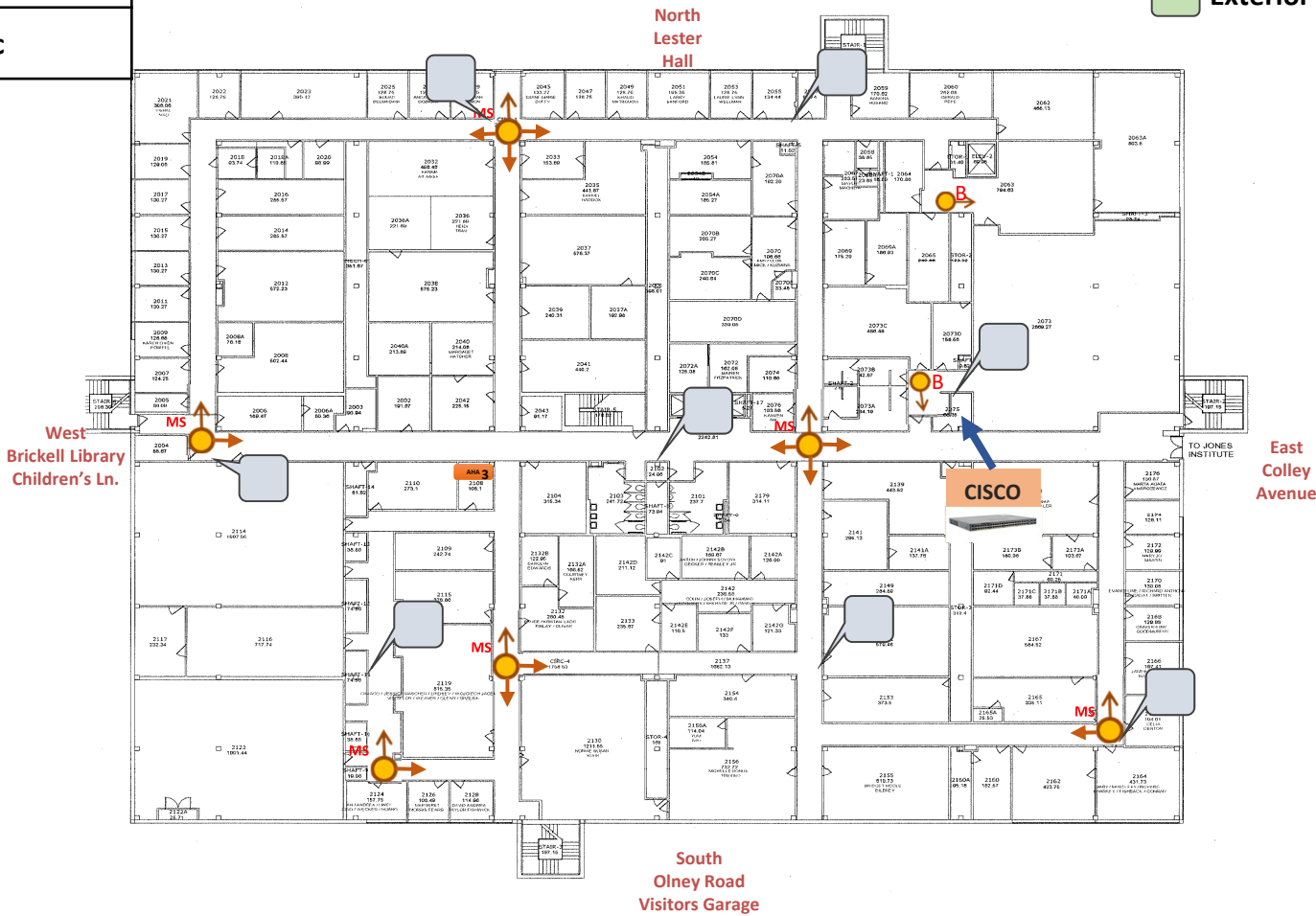


Cisco switch

LEWIS HALL FLOOR 2

CALL BOX LEGEND

- Interior Aiphone Box
- Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS
B
P

MS	Multi sensor
B	Bullet
P	Panoramic



Cisco switch

LEWIS HALL FLOOR 3

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box



PROPOSED CONFIGURATION

Camera Legend

MS

Multi sensor

B

Bullet

P

Panoramic



Cisco switch

LEWIS HALL FLOOR 4

CALL BOX LEGEND



Interior Aiphone Box



Exterior Aiphone Box





STAFF GARAGE CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	5	6	7	Total
EXISTING # OF CAMERAS	31	21	21	21	21	21	25	161
PROPOSED # OF CAMERAS	11	14	9	9	9	9	7	68

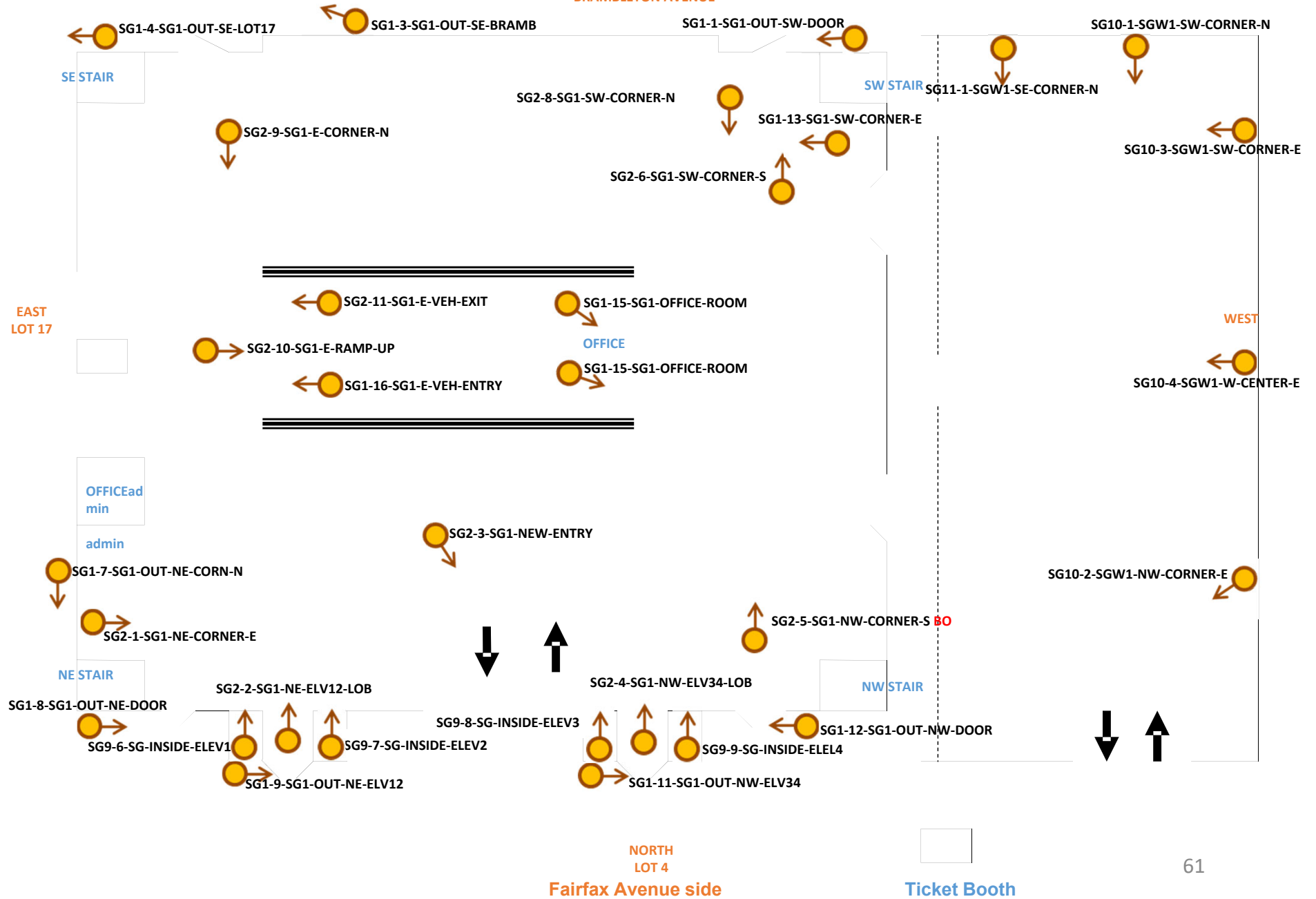
AIPHONE CALL BOXES CONFIGURATION

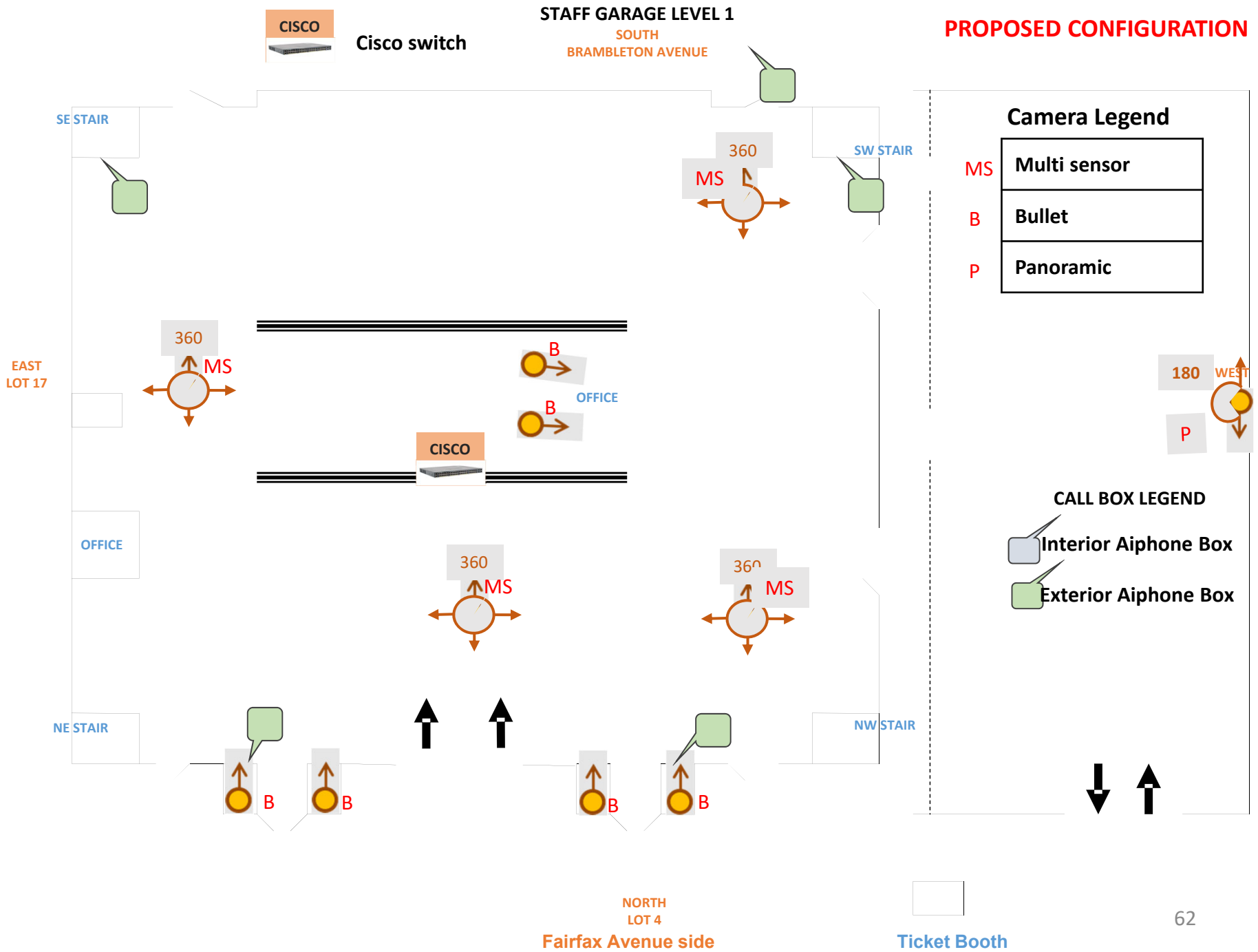
FLOOR	1		2		3		4		5		6		7		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	9	-	2	-	2	-	2	-	2	-	2	-	2	-	21	-	21

CURRENT CONFIGURATION

STAFF GARAGE LEVEL 1

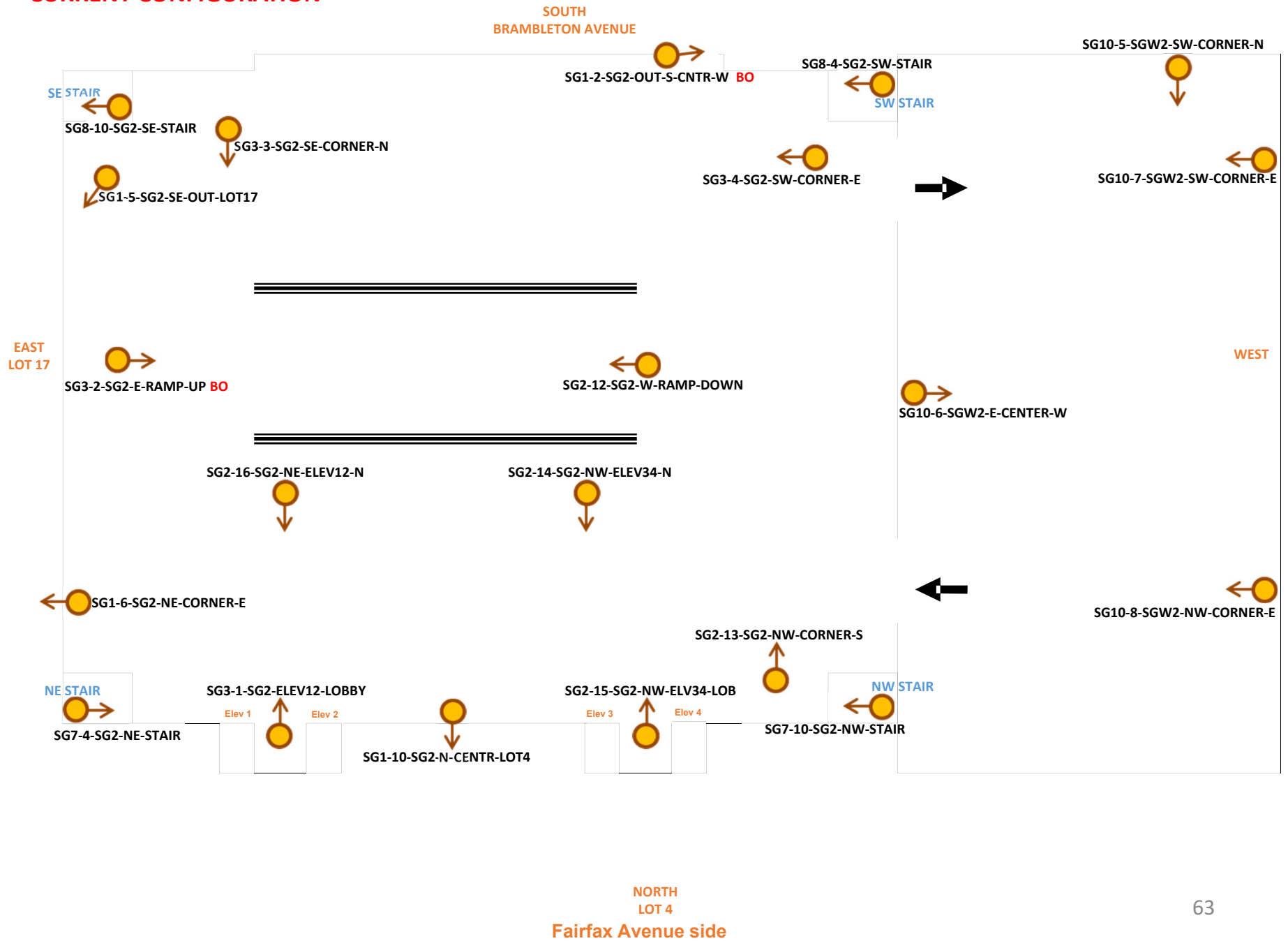
SOUTH
BRAMBLETON AVENUE





CURRENT CONFIGURATION

STAFF GARAGE LEVEL 2



STAFF GARAGE LEVEL 2

SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

SG10-5-SGW2-SW-CORNER-N

Camera Legend

MS Multi sensor

B Bullet

P Panoramic

CALL BOX LEGEND

Interior Aiphone Box

Exterior Aiphone Box

EAST
LOT 17

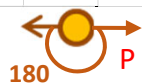
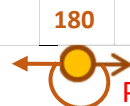
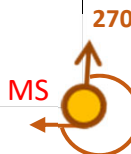
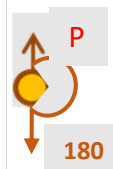
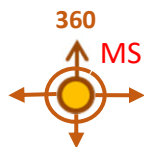
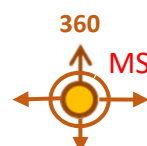
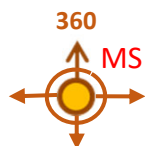
NORTH
LOT 4
Fairfax Avenue side

SE STAIR
B

B
SW STAIR

NE STAIR
B

B
NW STAIR



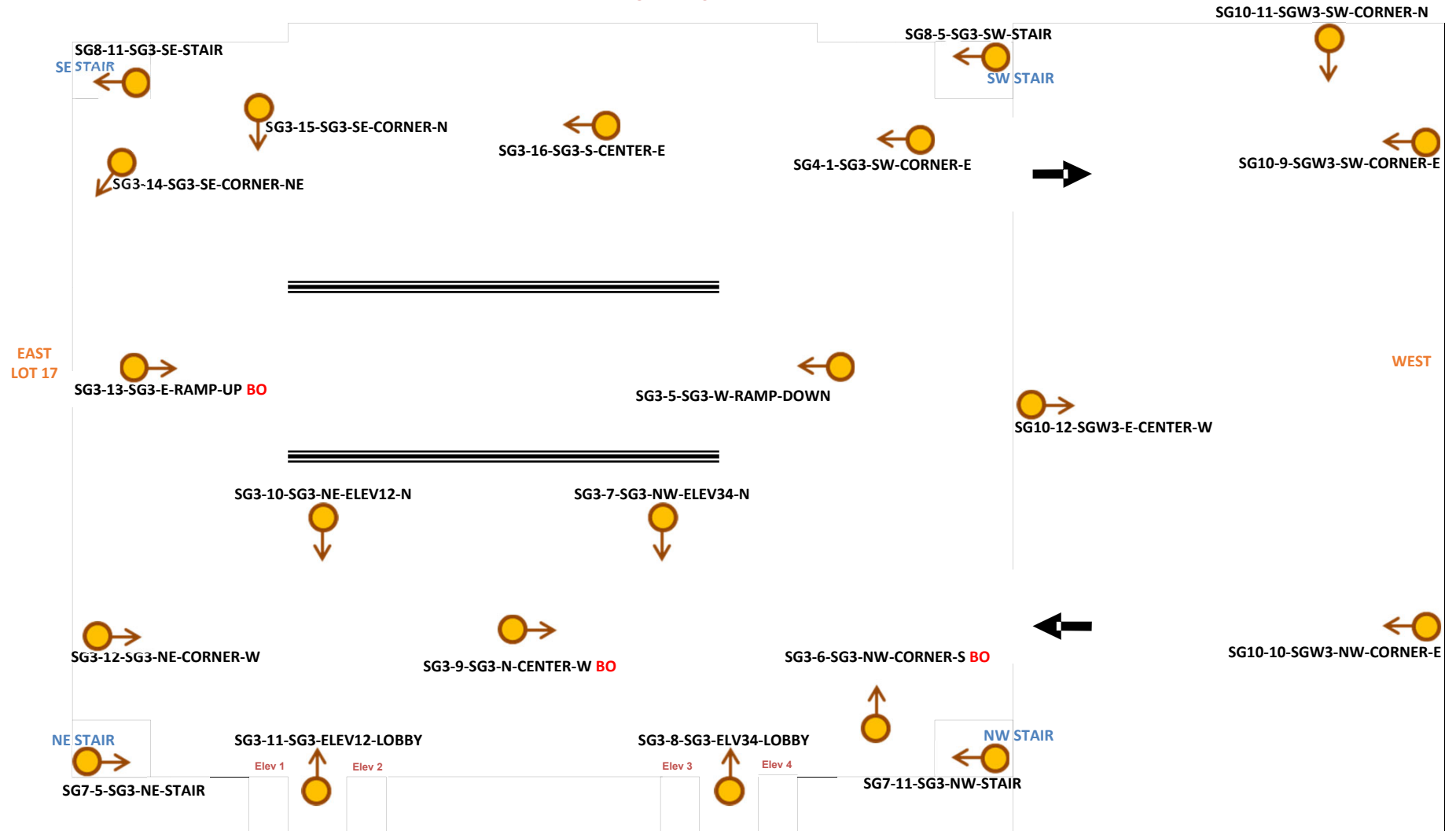
Elev 1 Elev 2

Elev 3 Elev 4

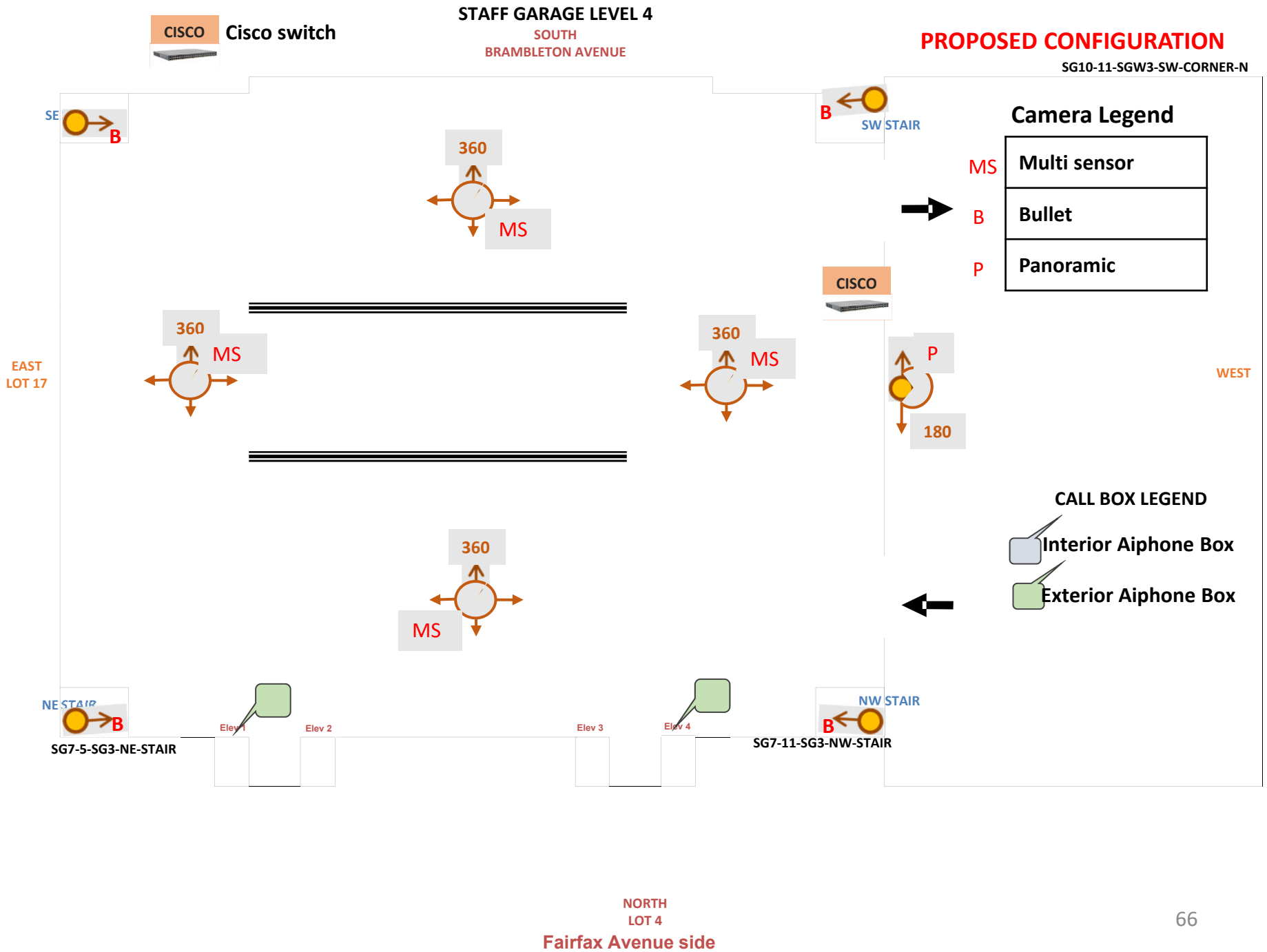
CURRENT CONFIGURATION

STAFF GARAGE LEVEL 3

SOUTH
BRAMBLETON AVENUE



NORTH
LOT 4
Fairfax Avenue side





STAFF GARAGE LEVEL 4
SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

EAST
LOT 17

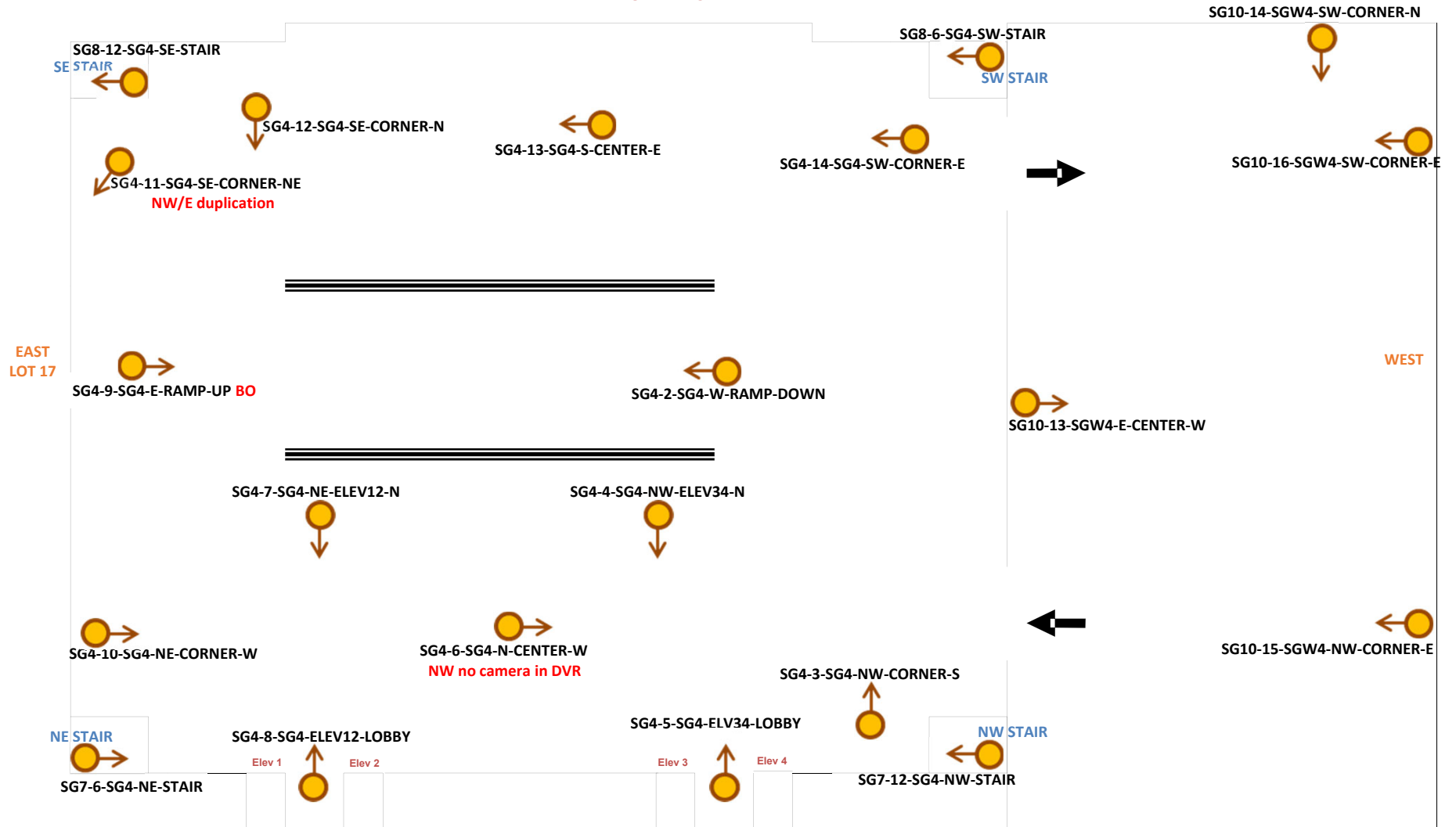


NORTH
LOT 4
Fairfax Avenue side

CURRENT CONFIGURATION

STAFF GARAGE LEVEL 4

SOUTH
BRAMBLETON AVENUE



NORTH
LOT 4
Fairfax Avenue side



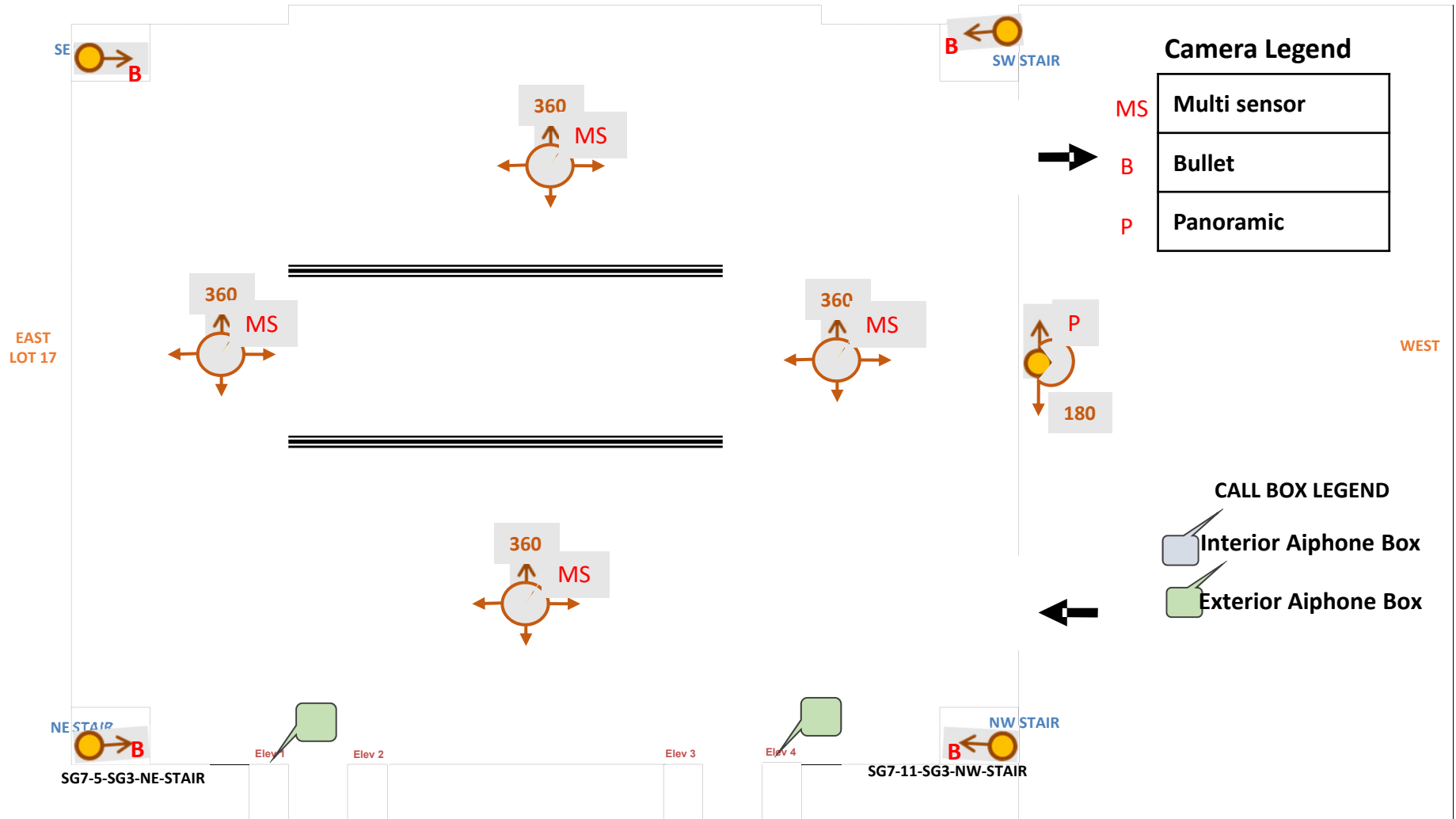
Cisco switch

STAFF GARAGE LEVEL 4

SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

SG10-11-SGW3-SW-CORNER-N

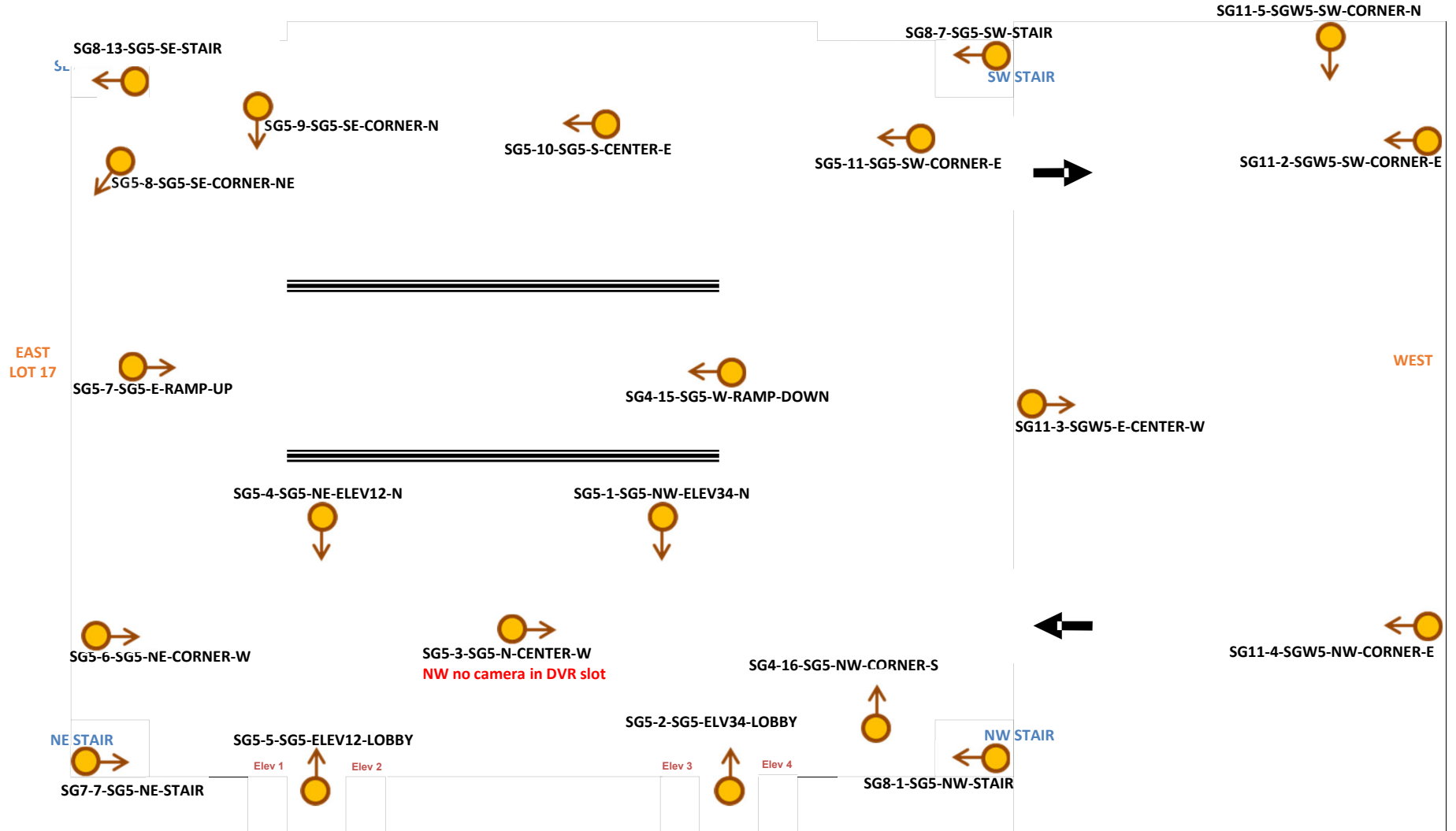


NORTH
LOT 4
Fairfax Avenue side

CURRENT CONFIGURATION

STAFF GARAGE LEVEL 5

SOUTH
BRAMBLETON AVENUE



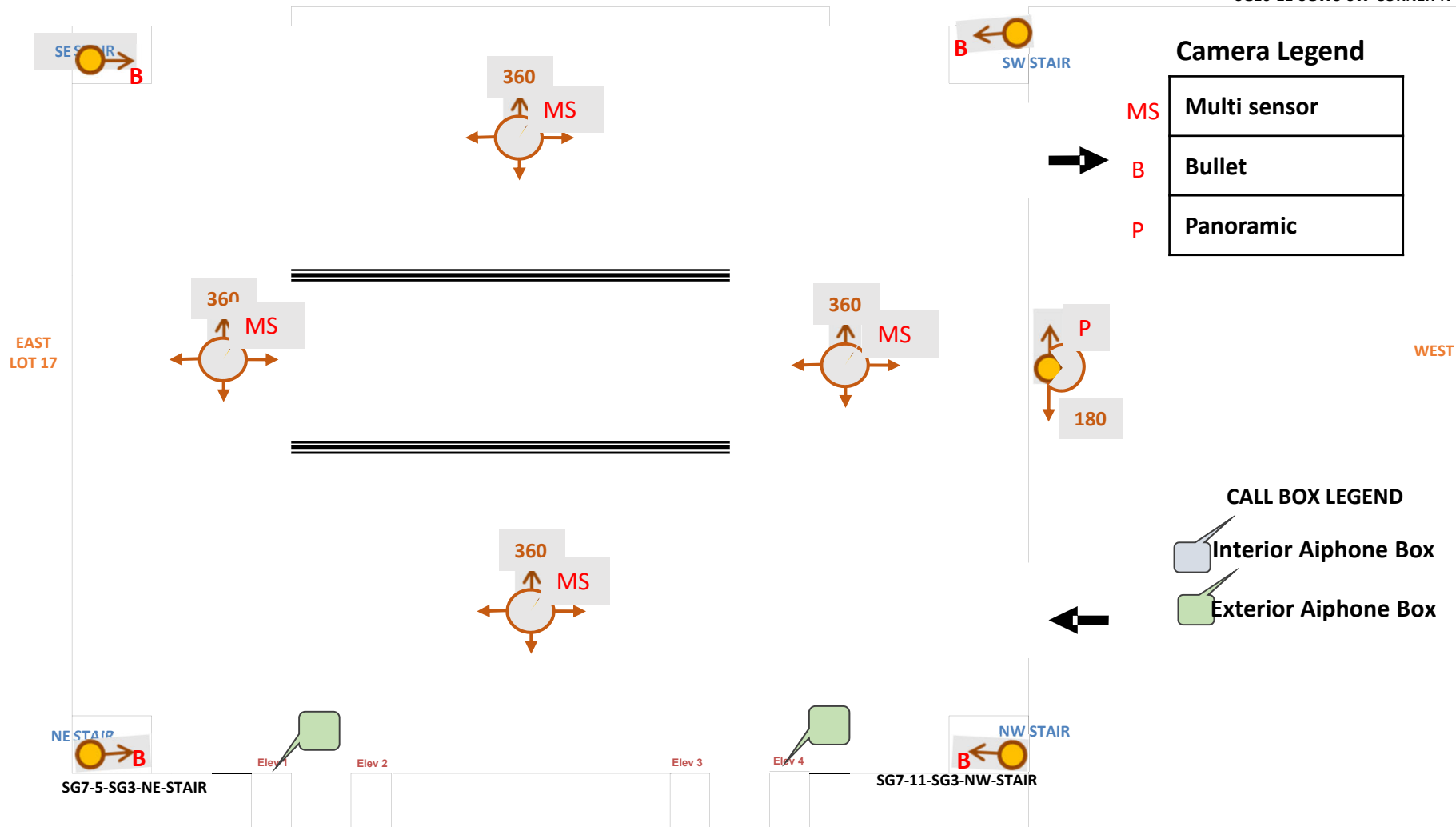
NORTH
LOT 4
Fairfax Avenue side

STAFF GARAGE LEVEL 5

SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

SG10-11-SGW3-SW-CORNER-N

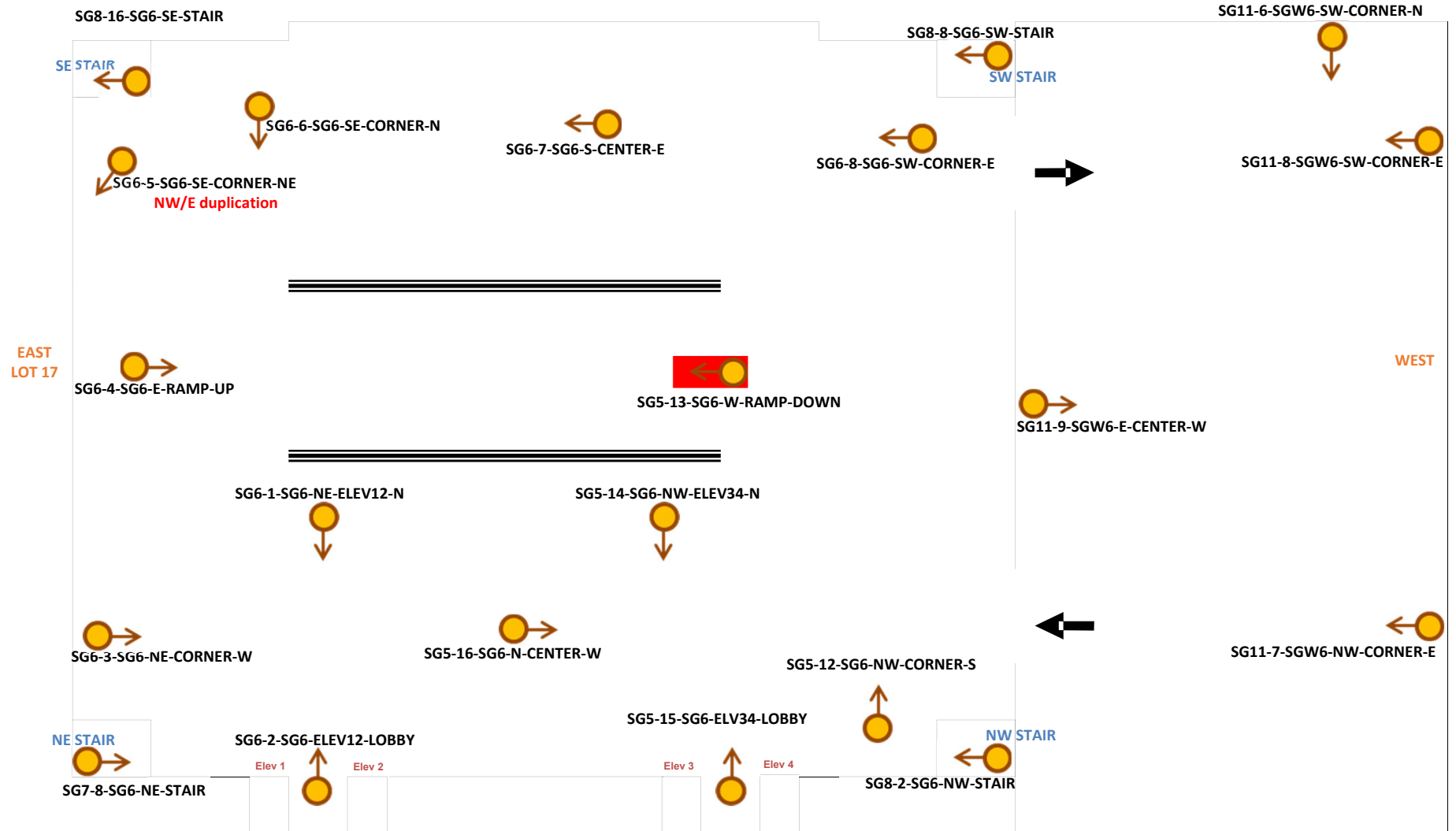


NORTH
LOT 4
Fairfax Avenue side

CURRENT CONFIGURATION

STAFF GARAGE LEVEL 6

SOUTH
BRAMBLETON AVENUE



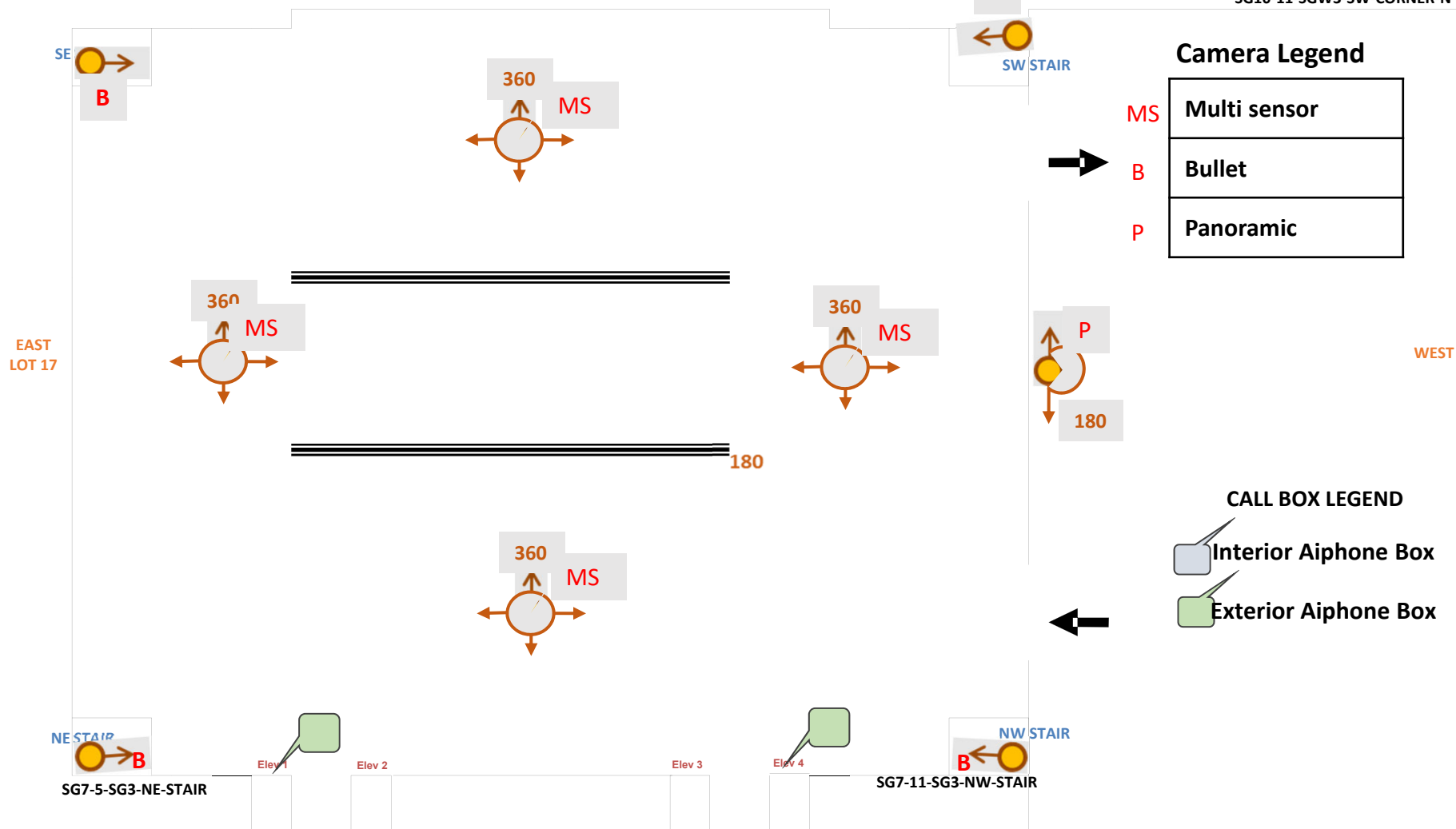
NORTH
LOT 4
Fairfax Avenue side

STAFF GARAGE LEVEL 6

SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

SG10-11-SGW3-SW-CORNER-N

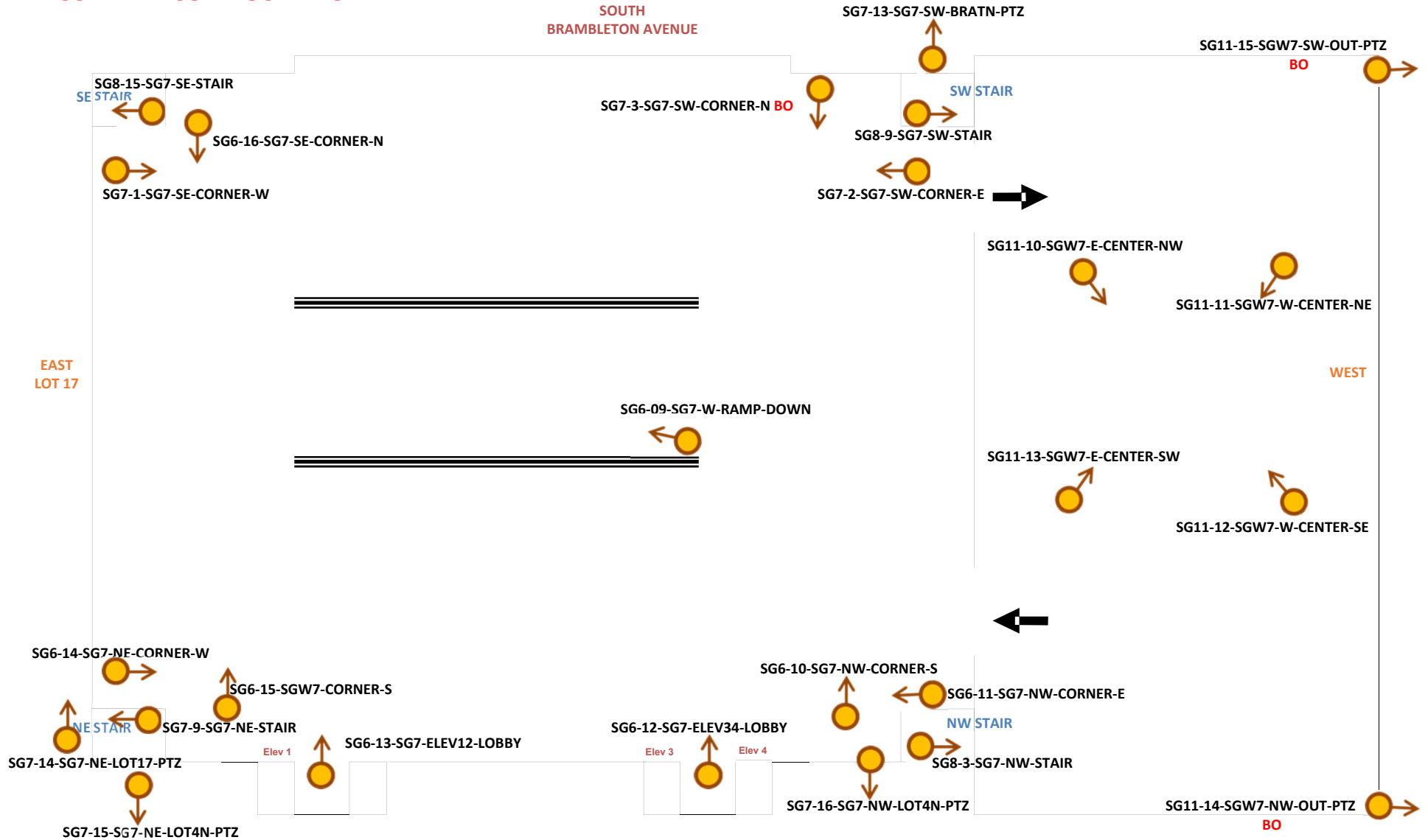


NORTH
LOT 4
Fairfax Avenue side

CURRENT CONFIGURATION

STAFF GARAGE LEVEL 7

SOUTH
BRAMBLETON AVENUE

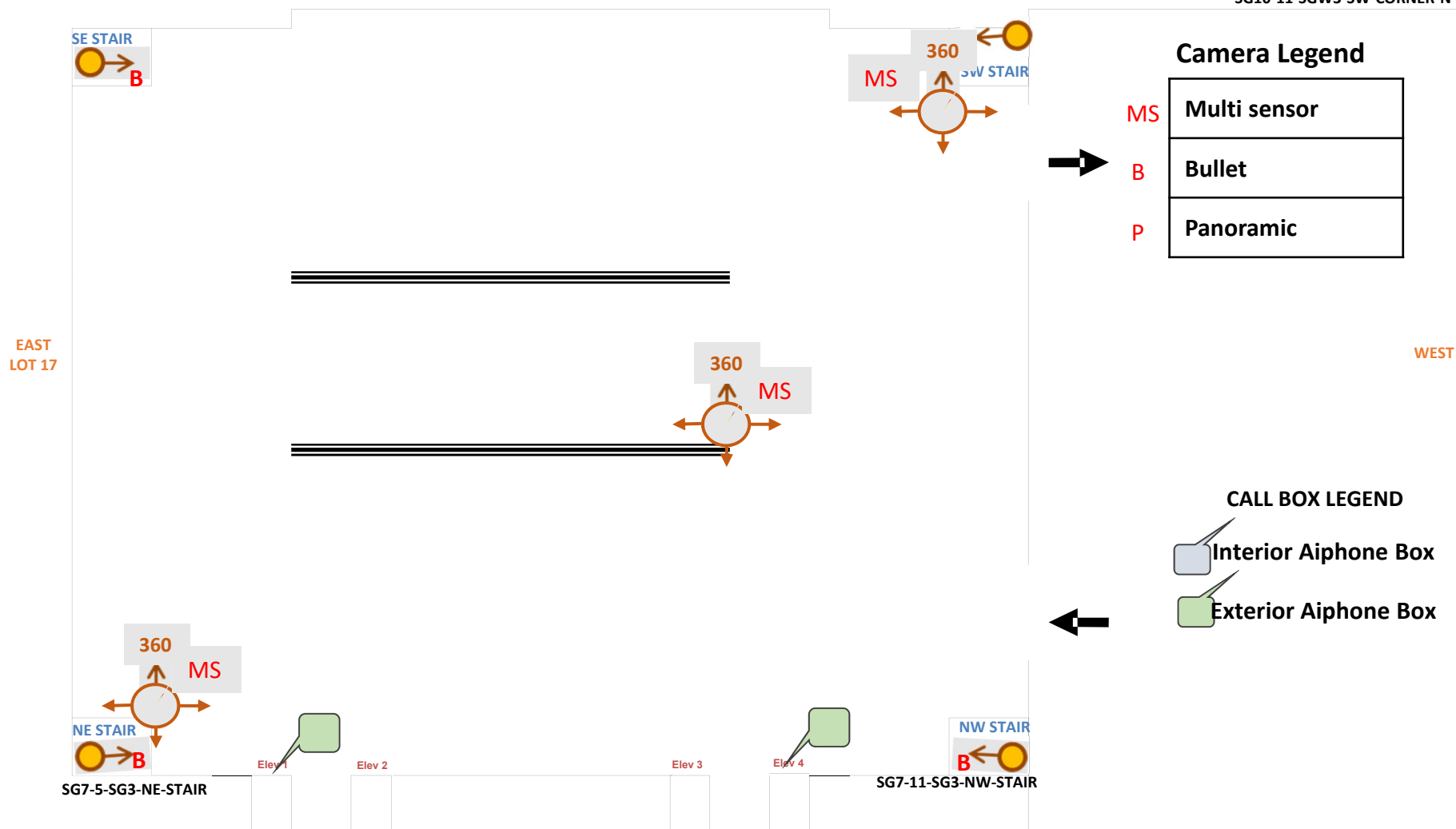


STAFF GARAGE LEVEL 7

SOUTH
BRAMBLETON AVENUE

PROPOSED CONFIGURATION

SG10-11-SGW3-SW-CORNER-N



NORTH
LOT 4
Fairfax Avenue side



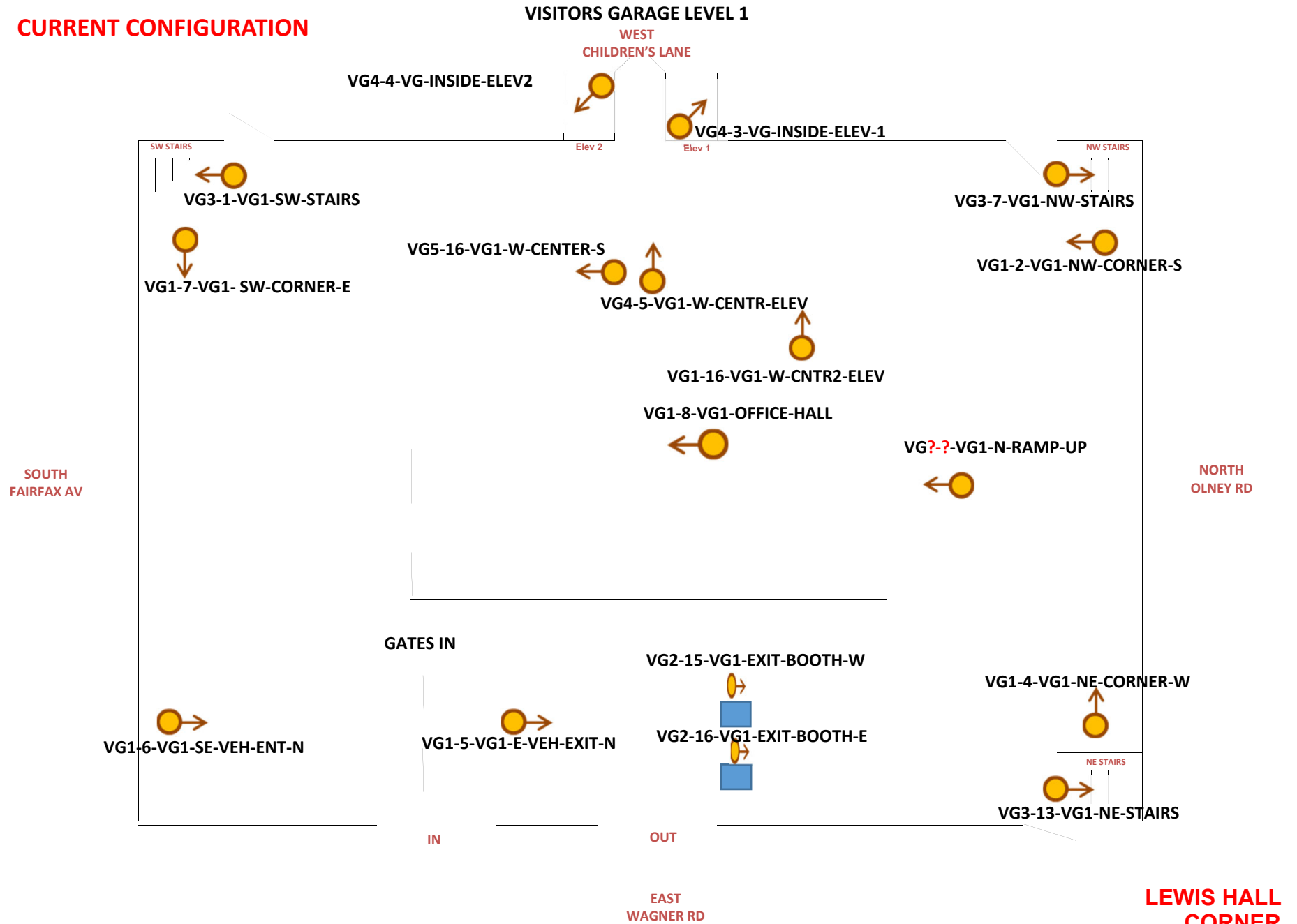
VISITORS GARAGE CAMERAS CURRENT AND PROPOSED CONFIGURATION

Floor	1	2	3	4	5	6	Total
EXISTING # OF CAMERAS	17	13	13	13	13	13	82
PROPOSED # OF CAMERAS	7	11	7	7	7	6	45

AIPHONE CALL BOXES CONFIGURATION

FLOOR	1		2		3		4		5		6		Total		
	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	EXT	INT	UNIT
AIPHONE UNITS	7	-	1	-	1	-	1	-	1	-	1	-	12	-	12

CURRENT CONFIGURATION



PROPOSED CONFIGURATION

VISITORS GARAGE LEVEL 1

WEST
CHILDREN'S LANE



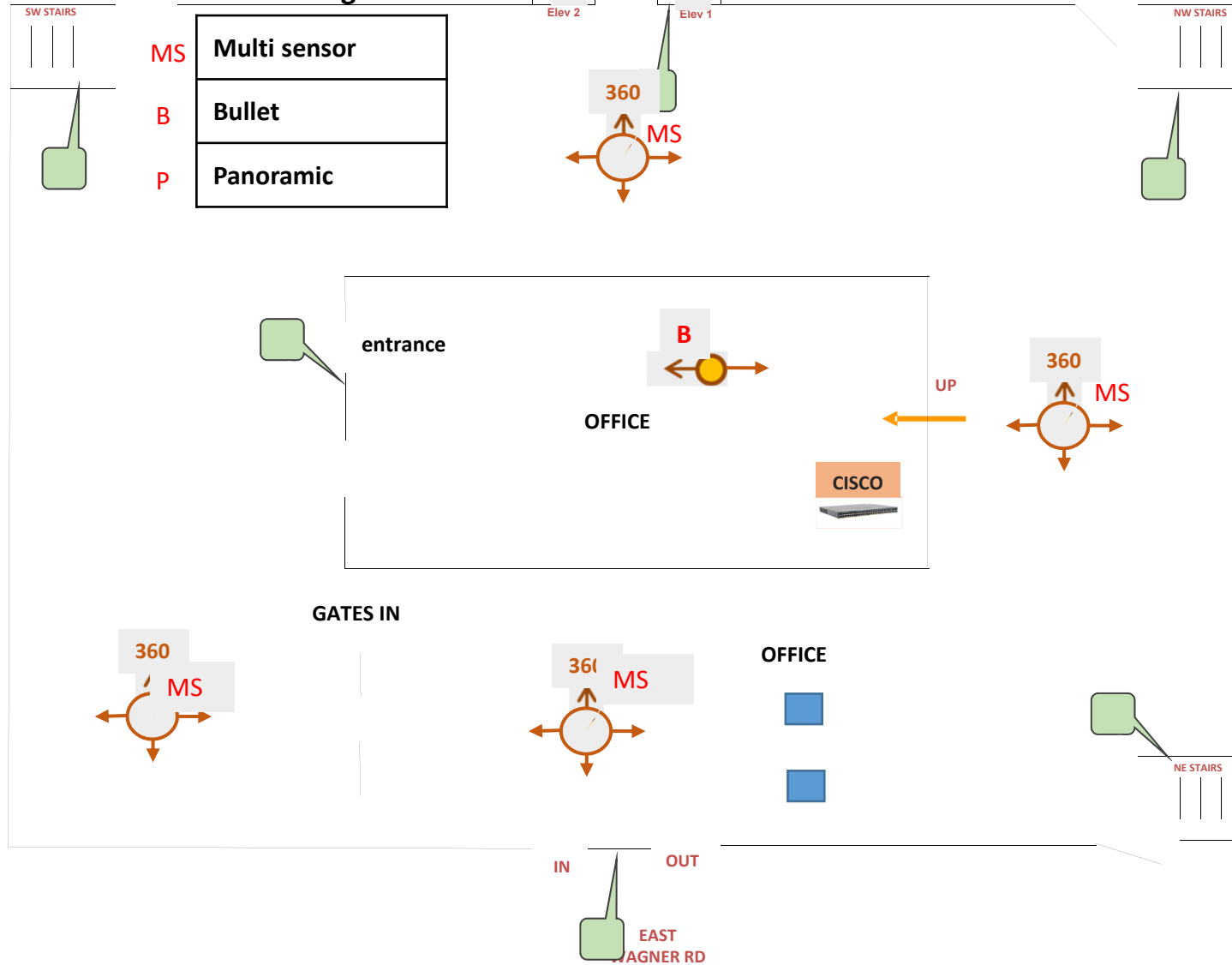
Cisco switch

CALL BOX LEGEND

- Interior Aiphone Box
- Exterior Aiphone Box

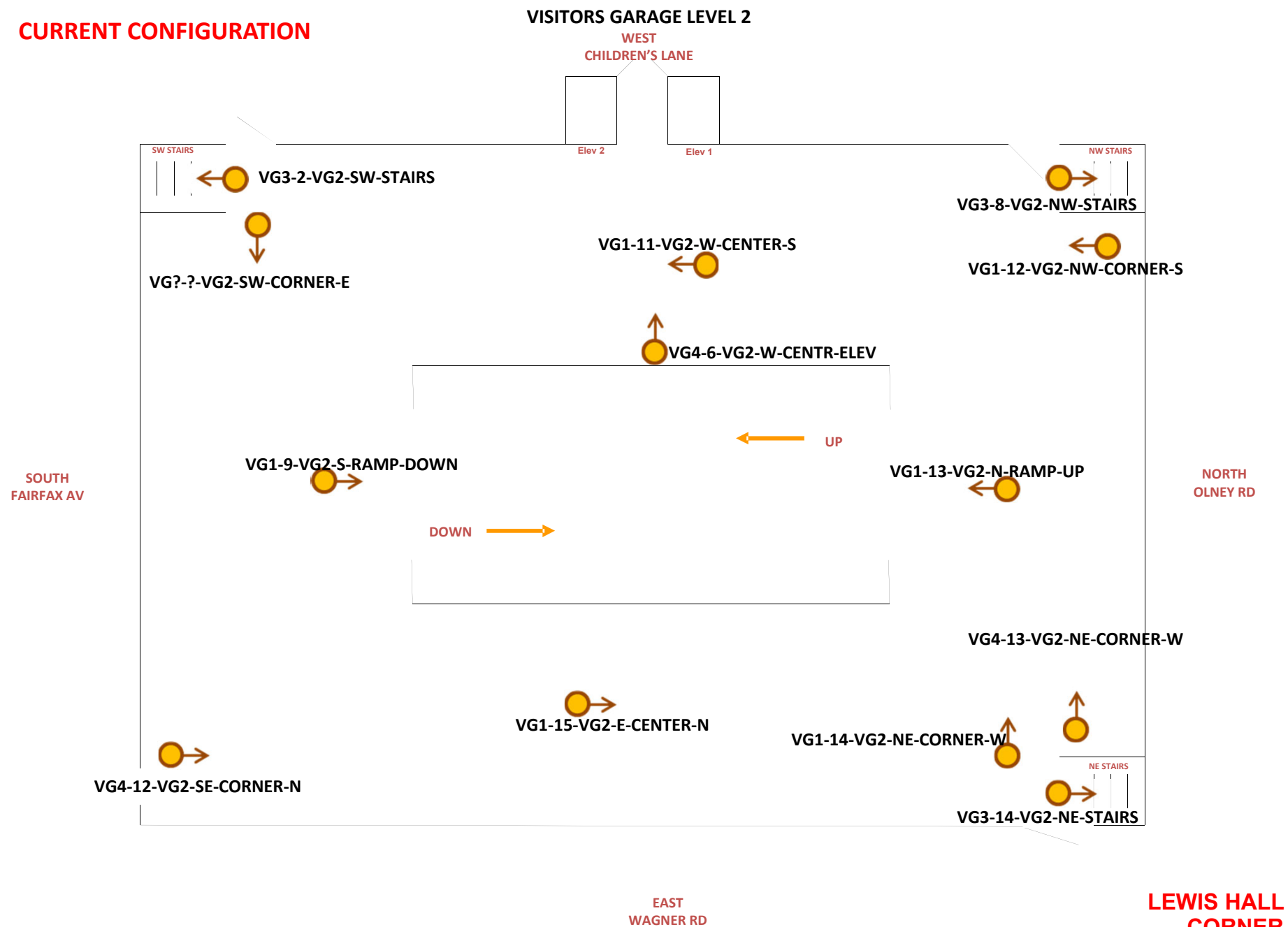
Camera Legend

- MS Multi sensor
- B Bullet
- P Panoramic



**LEWIS HALL
CORNER**

CURRENT CONFIGURATION



VISITORS GARAGE LEVEL 2

WEST
CHILDREN'S LANE

180

P

CALL BOX LEGEND

Interior Aiphone Box

Exterior Aiphone Box

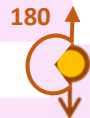
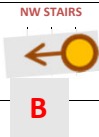
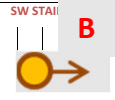
PROPOSED CONFIGURATION

Camera Legend

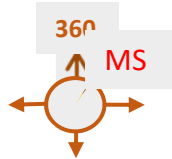
MS Multi sensor

B Bullet

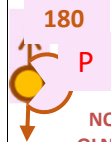
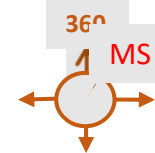
P Panoramic



SOUTH
FAIRFAX Av

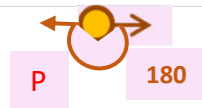
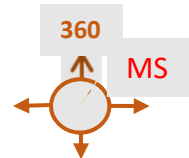


UP

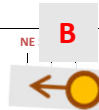


NORTH
OLNEY RD

DOWN

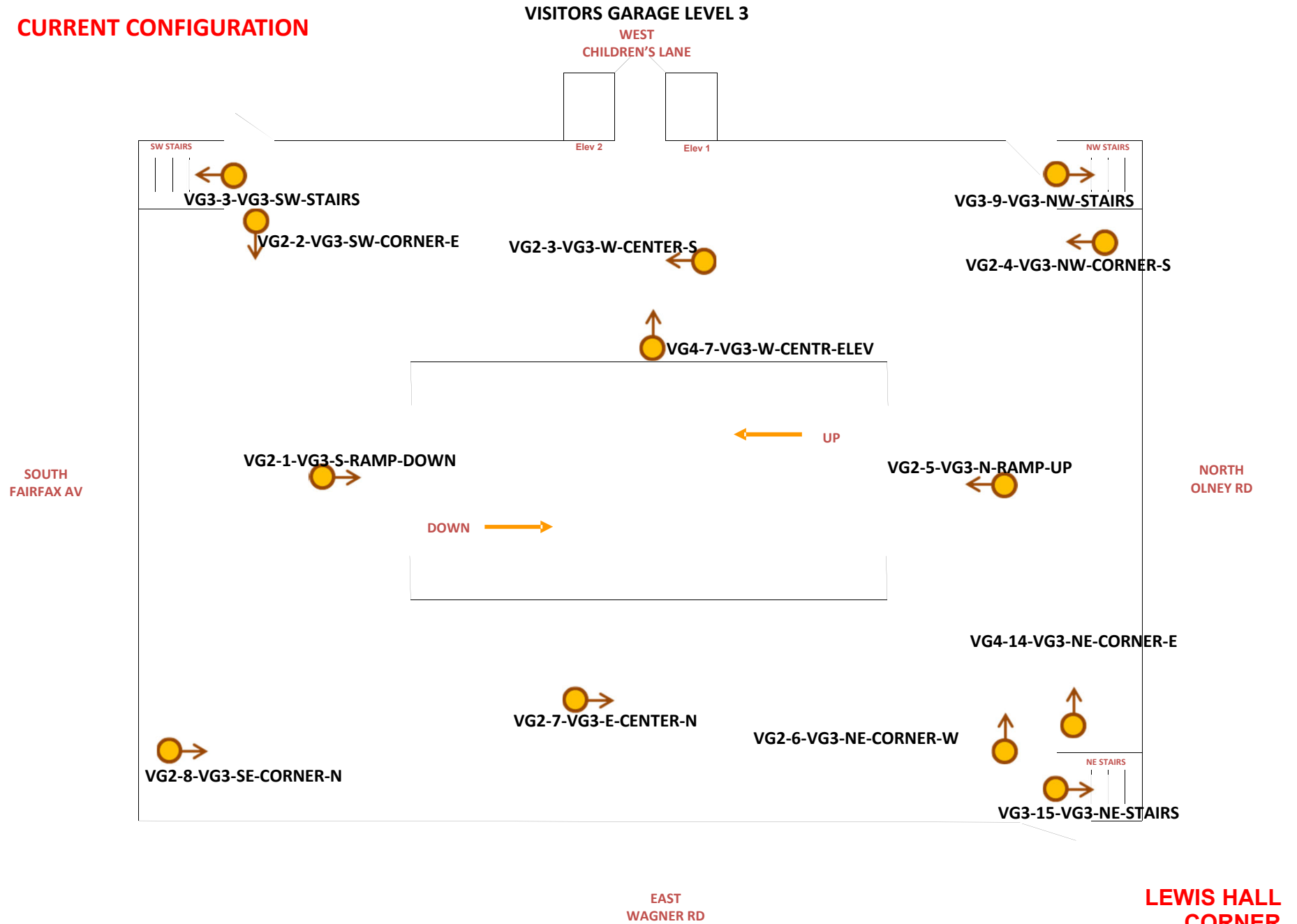


EAST
WAGNER RD



**LEWIS HALL
CORNER**

CURRENT CONFIGURATION



VISITORS GARAGE LEVEL 3

PROPOSED CONFIGURATION

WEST
CHILDREN'S LANE

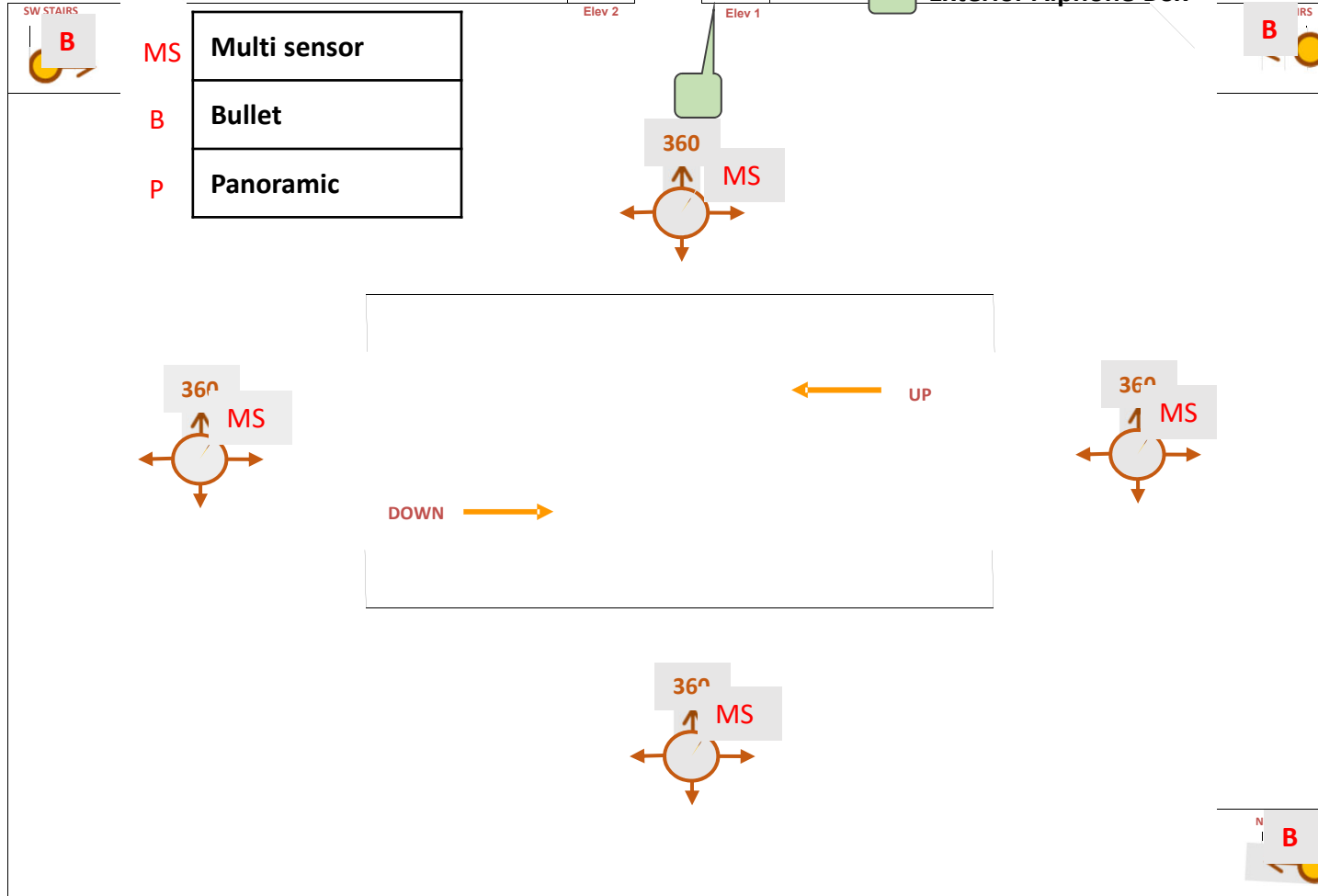
CALL BOX LEGEND

Interior Aiphone Box

Exterior Aiphone Box

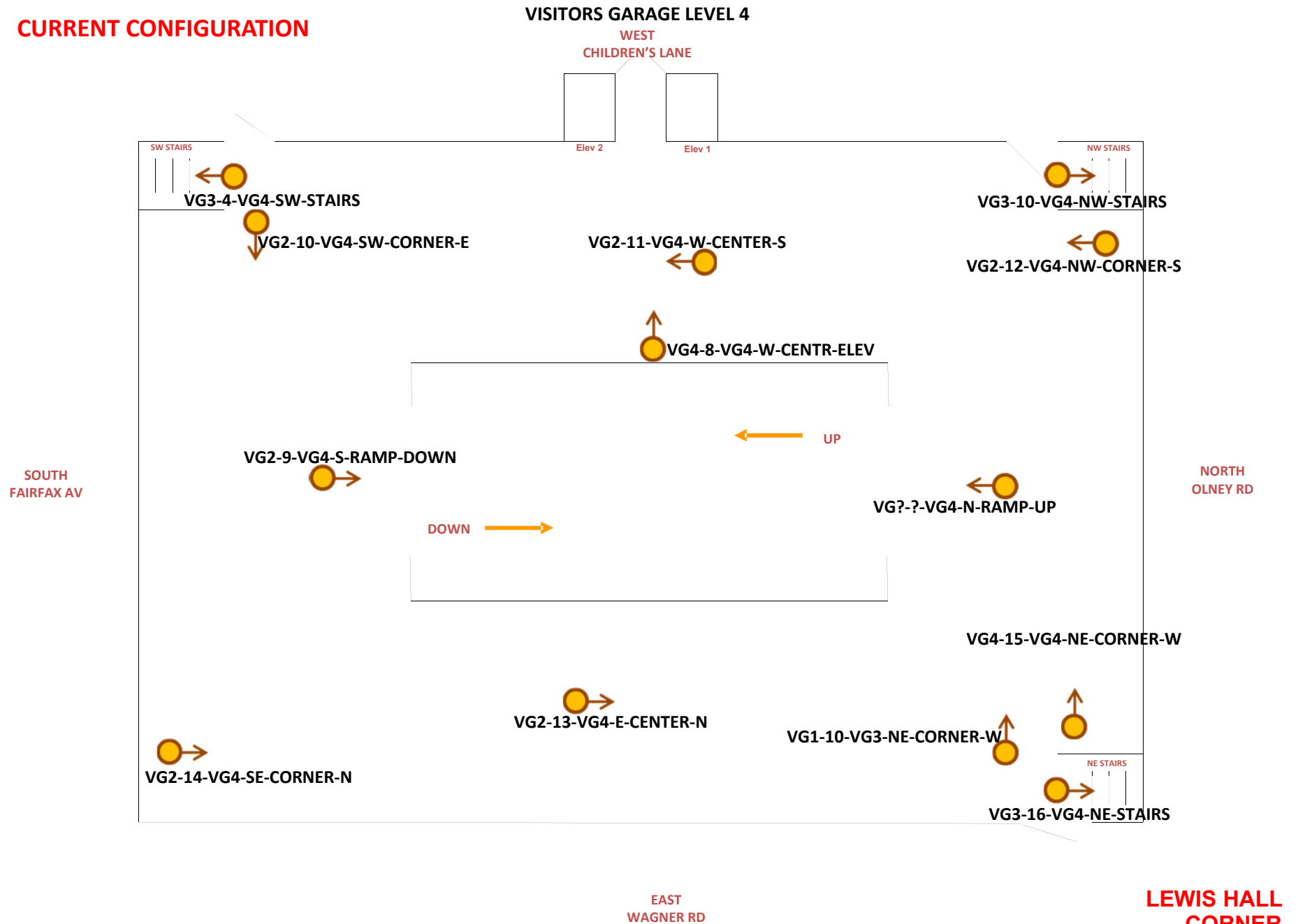
Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



**LEWIS HALL
CORNER**

CURRENT CONFIGURATION



PROPOSED CONFIGURATION

VISITORS GARAGE LEVEL 4

CALL BOX LEGEND

Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



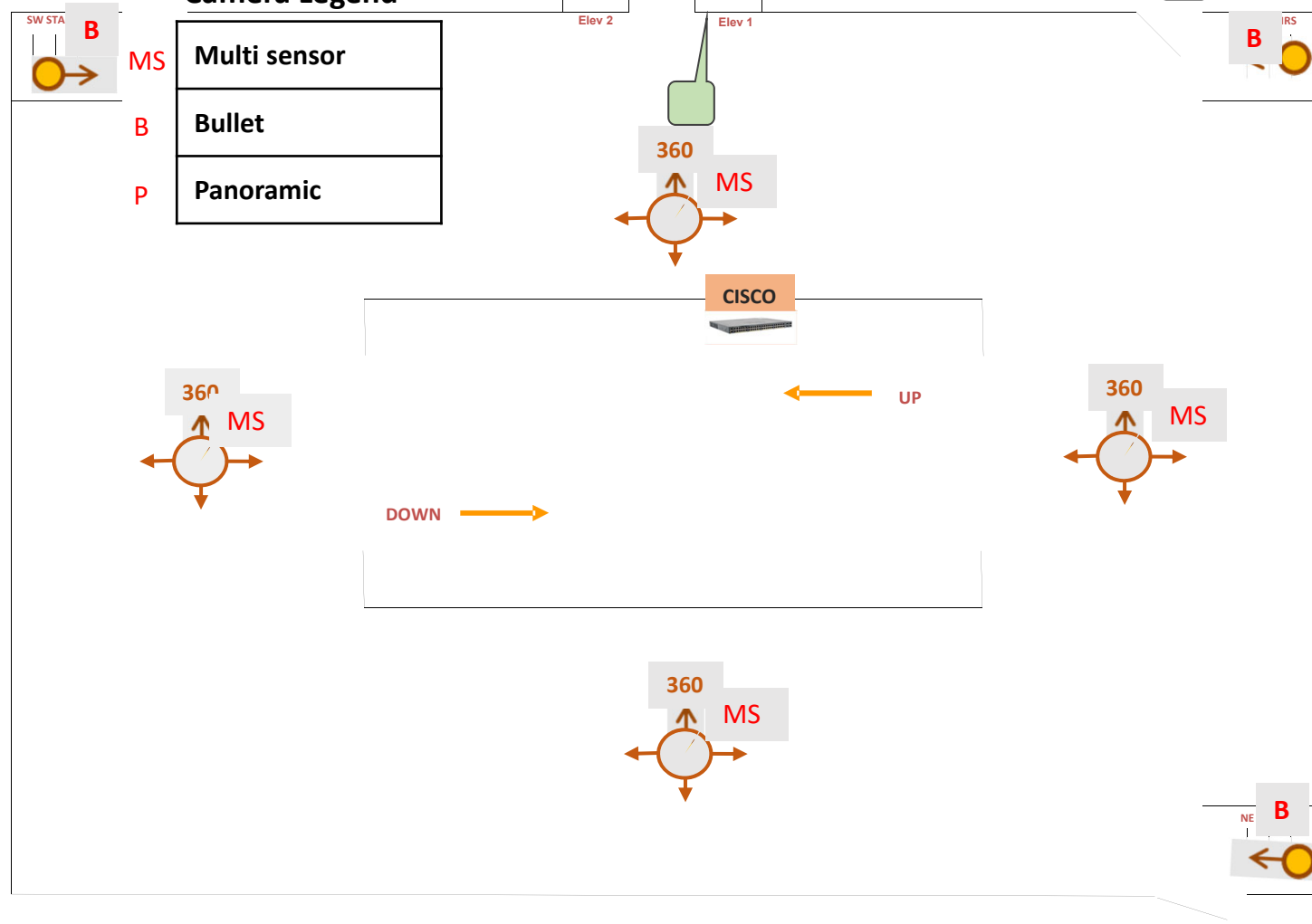
Cisco switch



Interior Aiphone Box



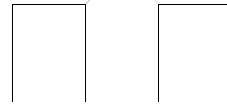
Exterior Aiphone Box



PROPOSED CONFIGURATION

VISITORS GARAGE LEVEL 4

WEST
CHILDREN'S LANE



Cisco switch

CALL BOX LEGEND

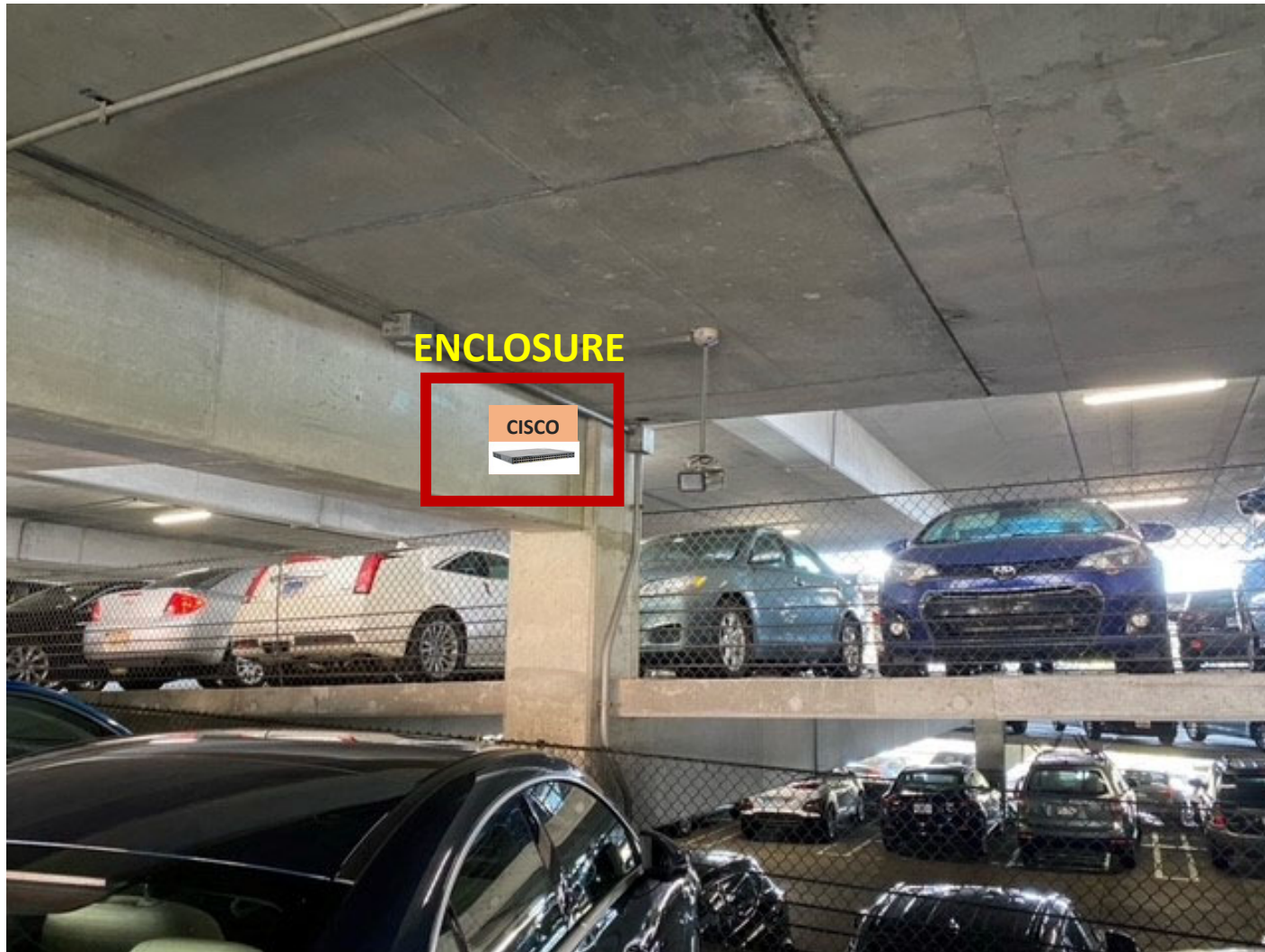


Interior Aiphone Box



Exterior Aiphone Box

SOUTH
FAIRFAX AV

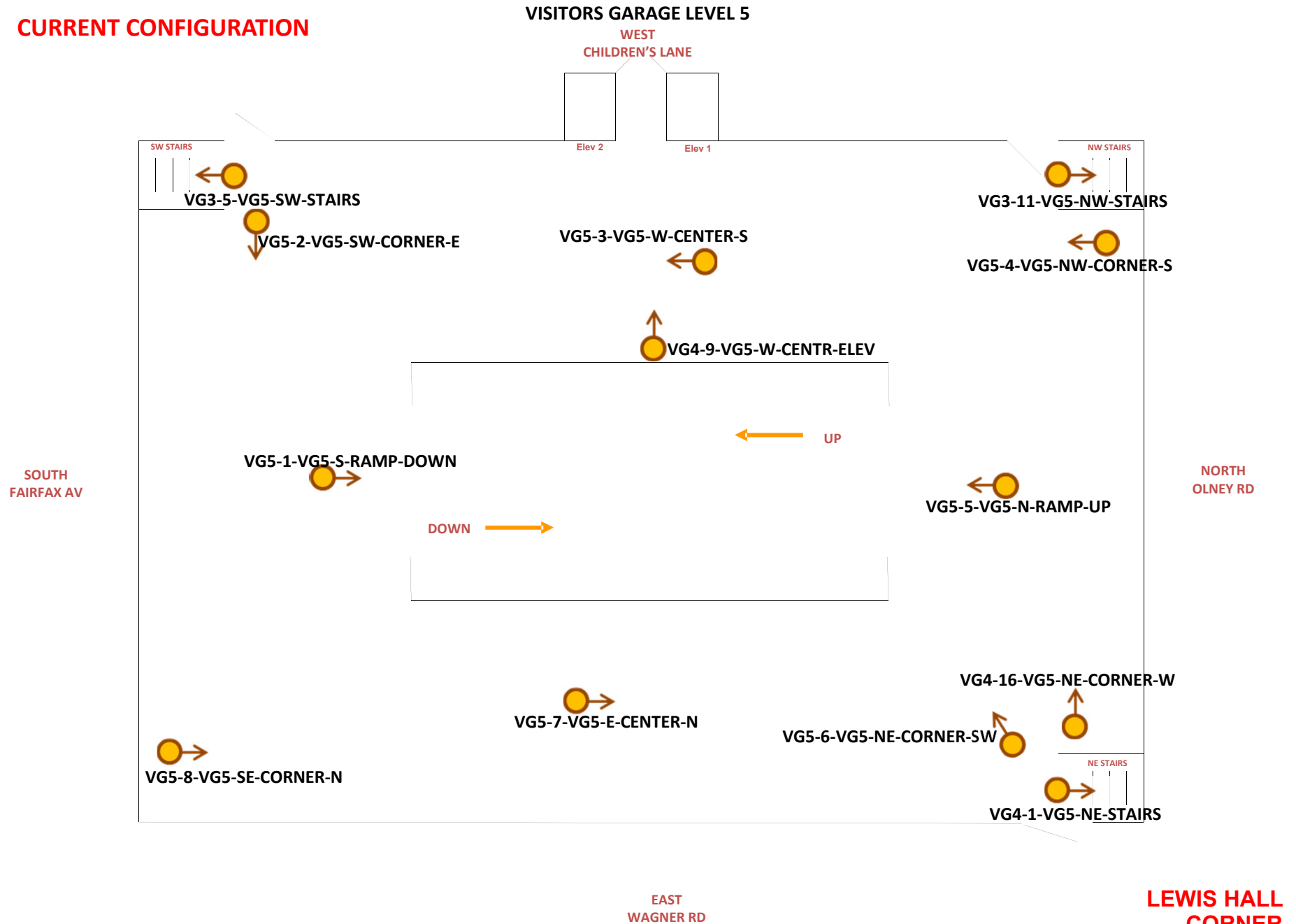


NORTH
OLNEY RD

EAST
WAGNER RD

LEWIS HALL
CORNER

CURRENT CONFIGURATION

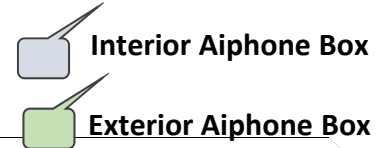


PROPOSED CONFIGURATION

VISITORS GARAGE LEVEL 5

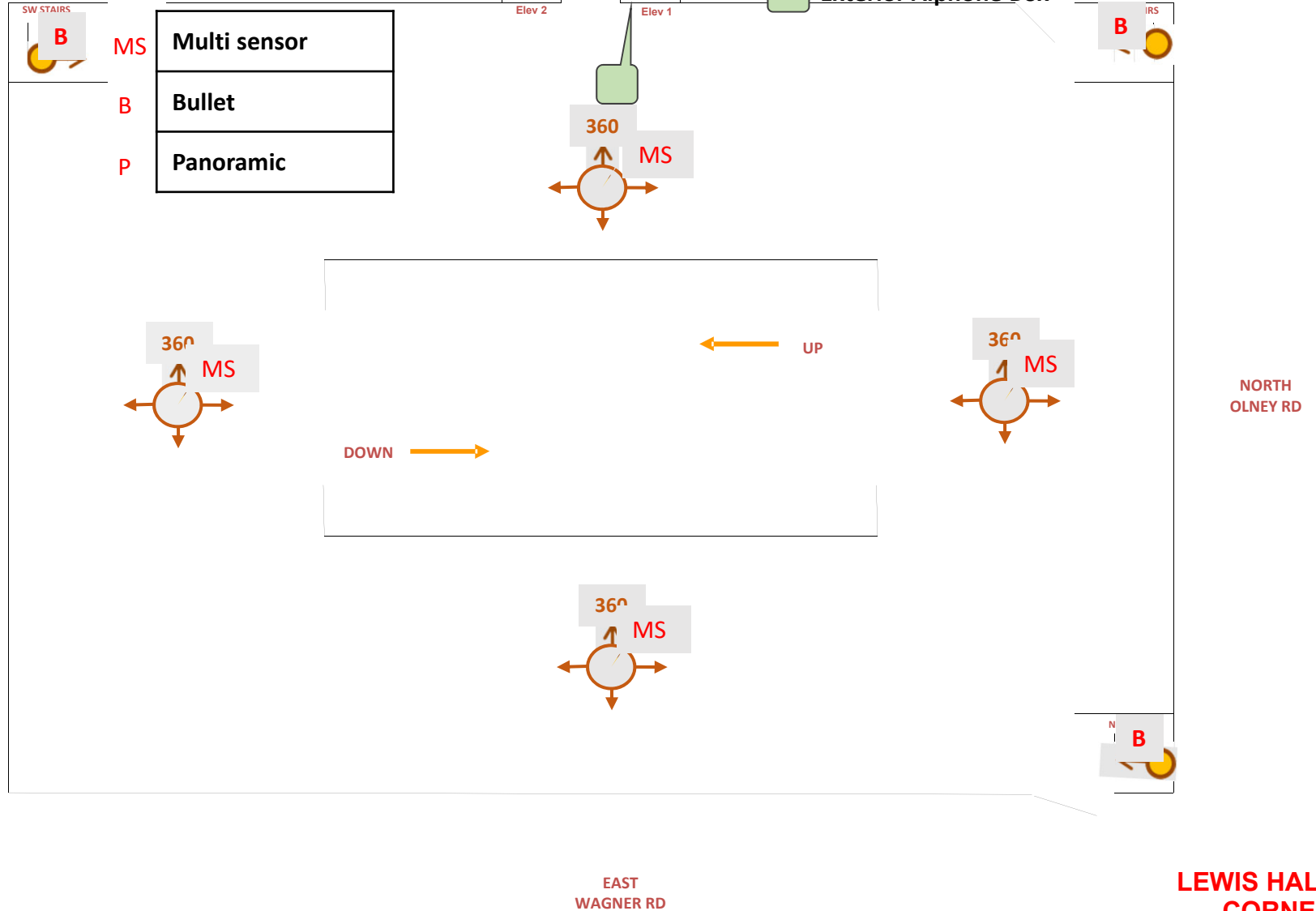
WEST
CHILDREN'S LANE

CALL BOX LEGEND

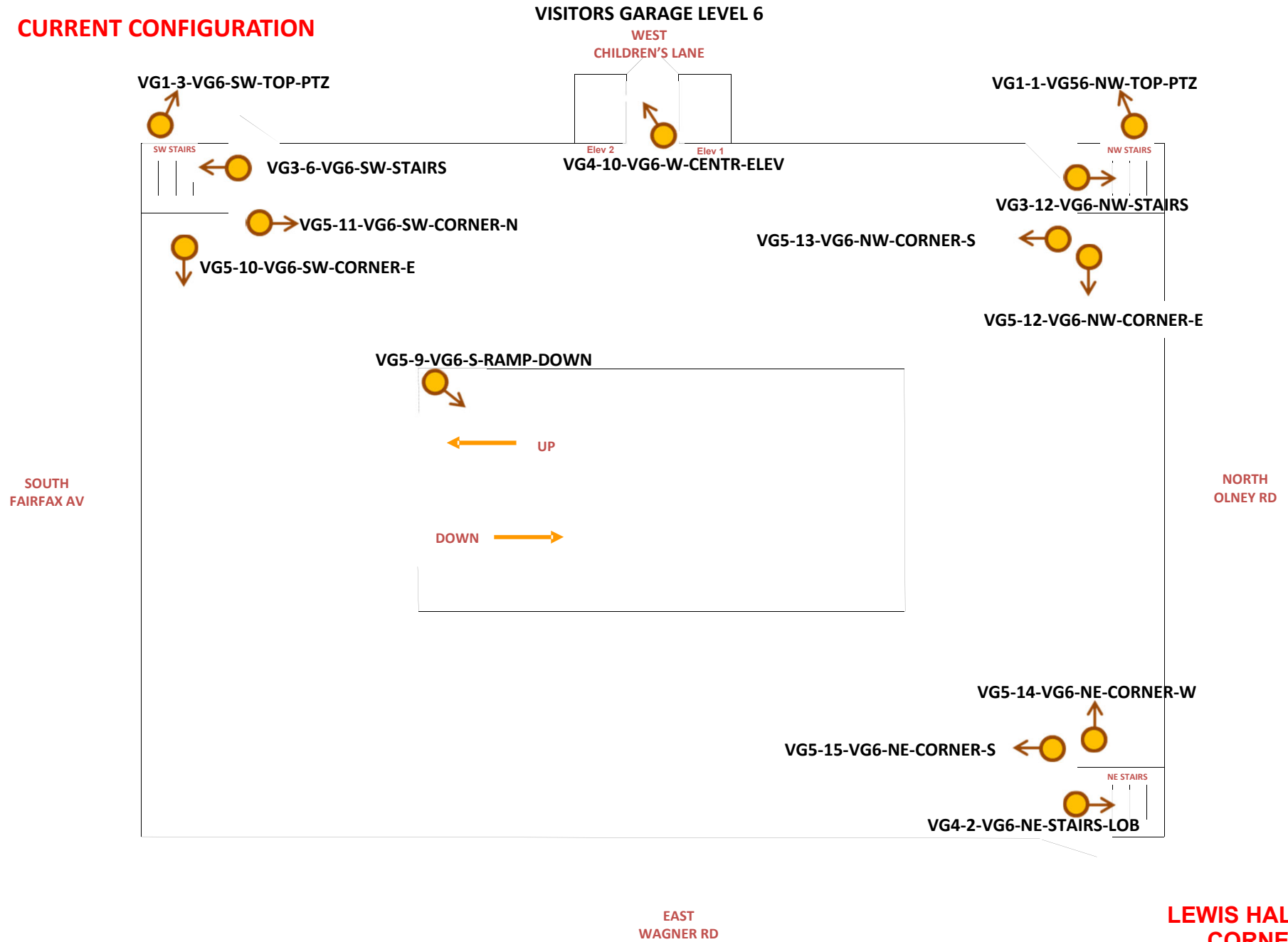


Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic



CURRENT CONFIGURATION

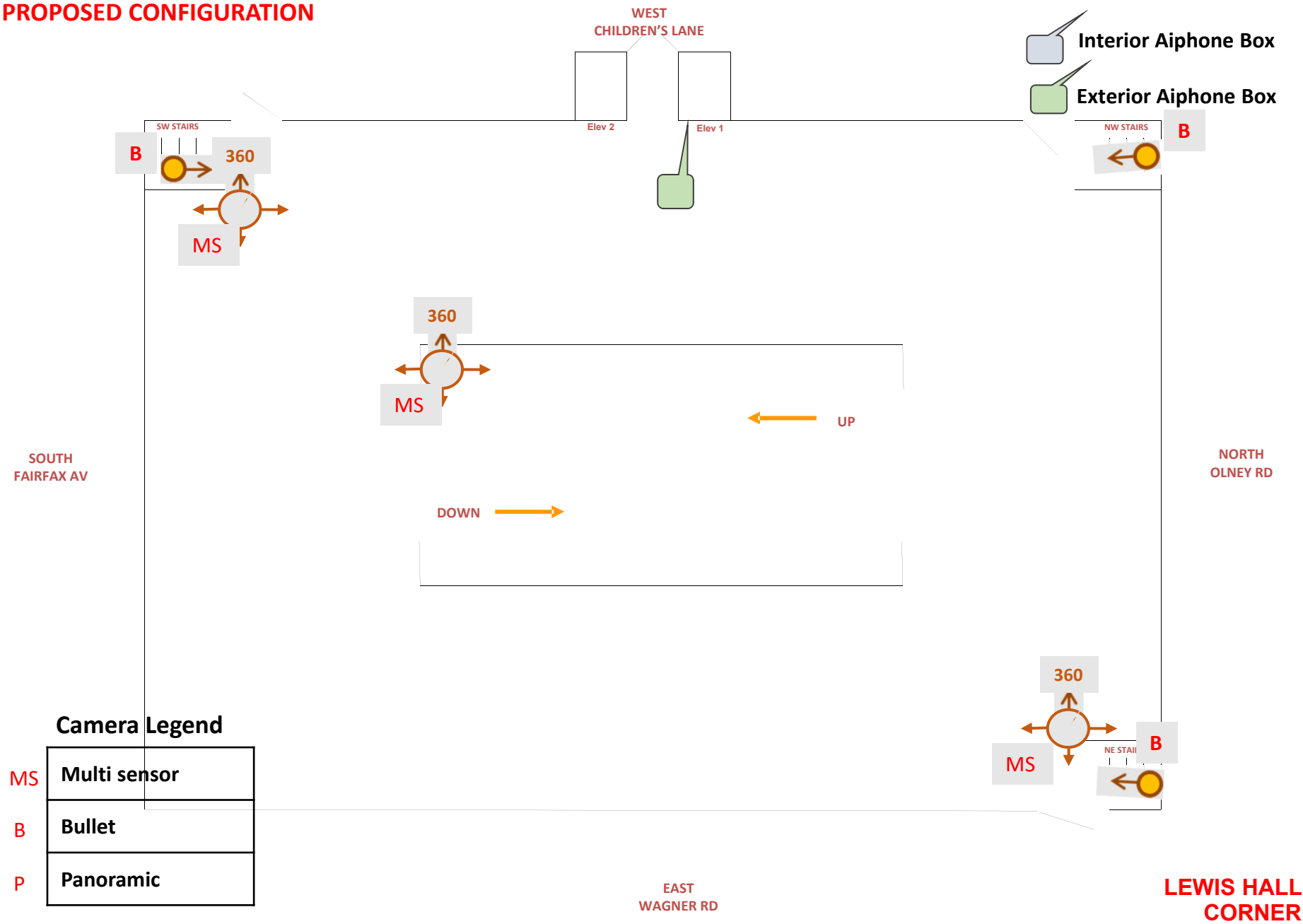


PROPOSED CONFIGURATION

VISITORS GARAGE LEVEL 6

CALL BOX LEGEND

- Interior Aiphone Box
- Exterior Aiphone Box



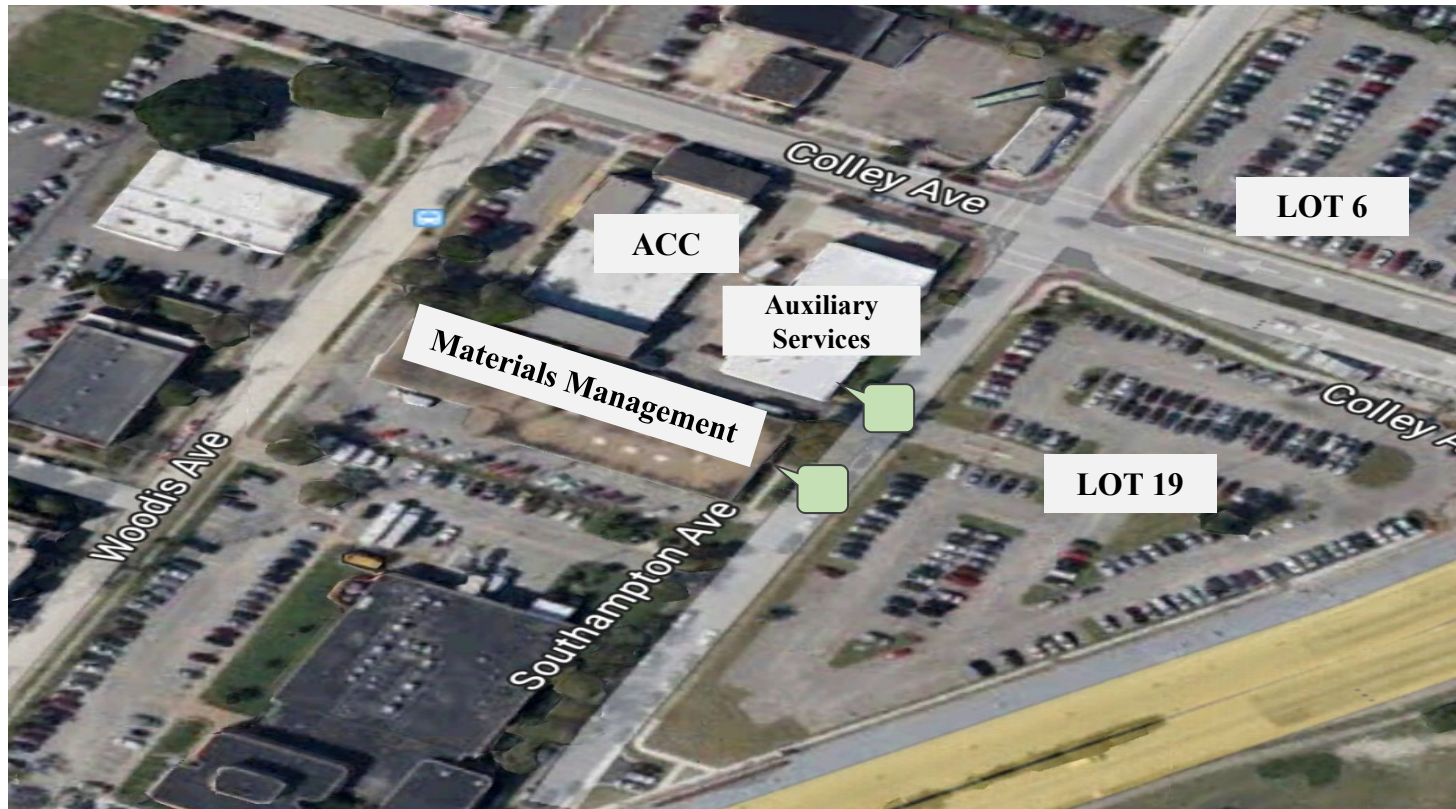
Camera Legend

MS	Multi sensor
B	Bullet
P	Panoramic

AUXILIARY SERVICES, MATERIALS MANAGEMENT, AMBULATORY CARE CLINIC
EXTERIOR Aiphone BOXES

WEST

SOUTH

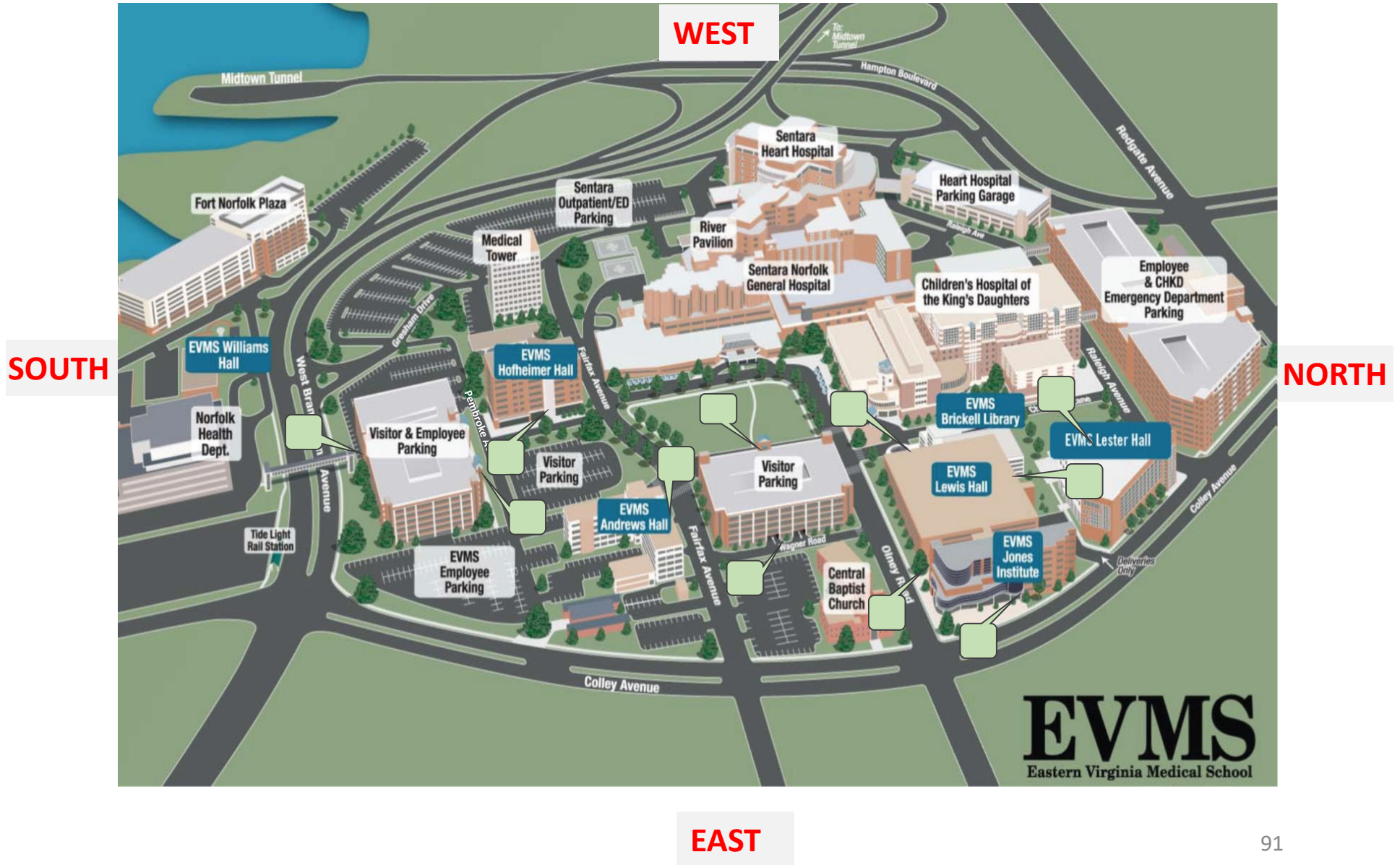


NORTH

EAST

EASTERN VIRGINIA MEDICAL CENTER

EXTERIOR Aiphone BOXES





EVMS
Eastern Virginia Medical School
Teaching. Discovering. Caring.™



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