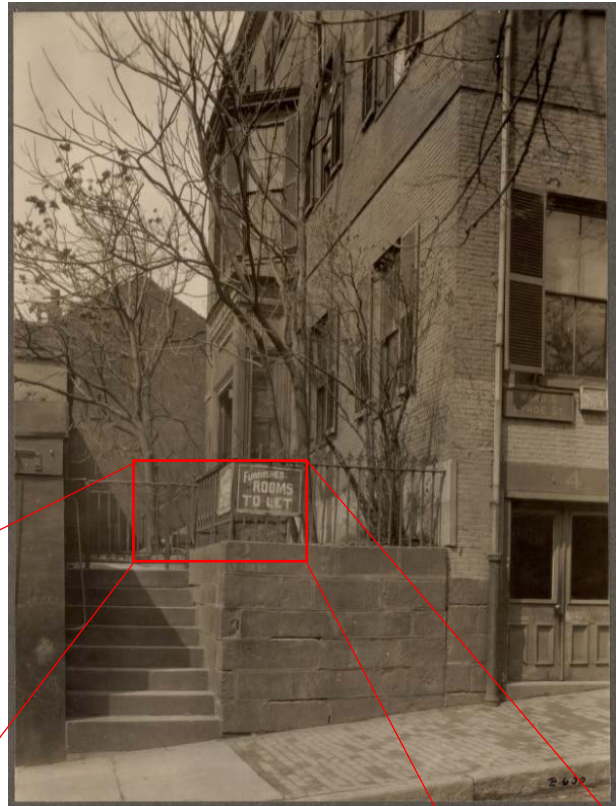




Above: "Massachusetts. Boston. 2 Lynde Street. Harrison Gray Otis House. Entrance." Photo by F. Cousins, 1916. Located in the Boston Pictorial Archive. Image accessed via Digital Commonwealth Massachusetts Collections Online.



Above: Full image and detail of "Massachusetts. Boston. 2 Lynde Street. Harrison Gray Otis House. Wrought iron fence." Photo by F. Cousins, 1916. Located in the Boston Pictorial Archive. Image accessed via Digital Commonwealth Massachusetts Collections Online.



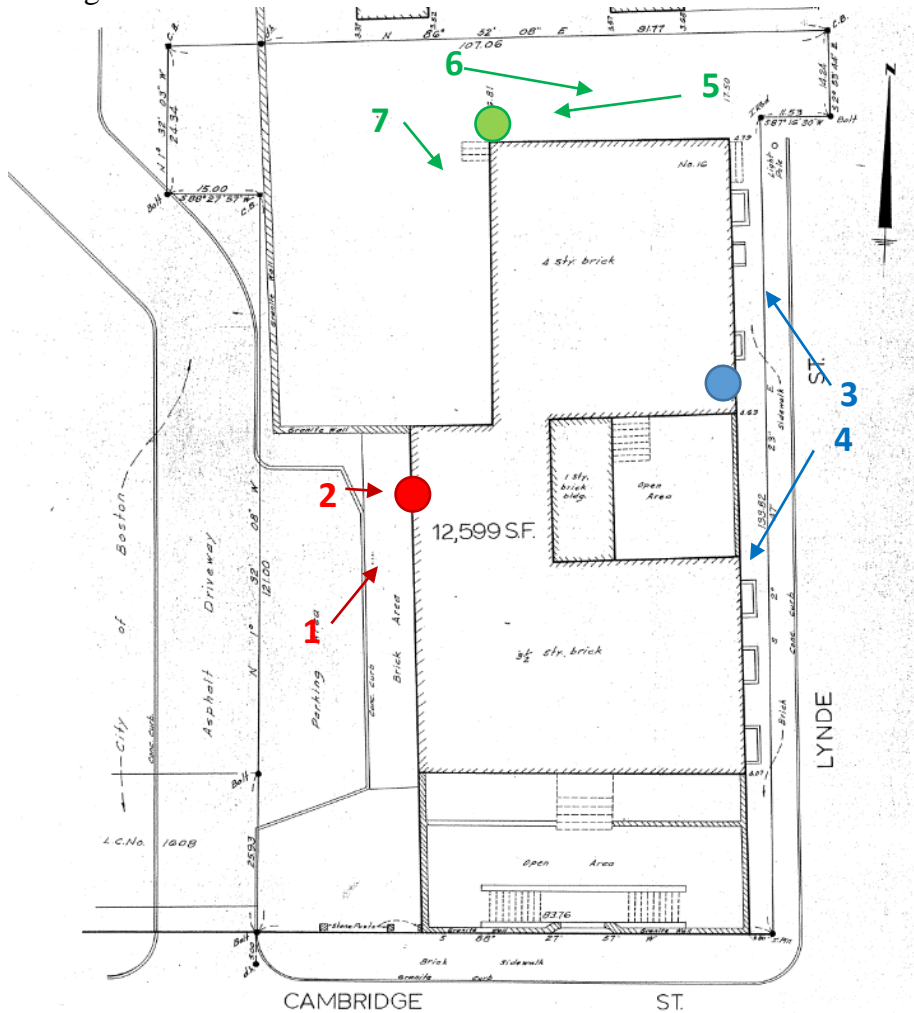
Left and below: Photos of the front façade entrance steps with proposed rudimentary design of the new to match historic railings indicated in blue. As the entrance portico is no longer in existence (to which the top portion of the railing terminated historically), Historic New England is proposing mimicking the bottom post at the top of the stairs, directly in front of the sidelite pilaster as shown.



Installation of exterior security cameras:

Historic New England proposes the installation of four (4) exterior surveillance cameras, including two (2) cameras focused on Lynde Street, one (1) camera on the parking lot at the back of the building and one (1) camera monitoring the staff entrance (see site plan and associated images below and on following pages). There have been several incidents over the last couple of years involving the safety of staff later at night and so the primary purpose of the camera installation is staff and visitor safety. The cameras will also provide additional building and collections security. Finally, due to the receptionist being stationed remotely at another facility, the camera monitoring the staff entry will allow the receptionist to see an individual before allowing them into the building.

While the cameras (see cut sheets included on pages 11 and 12) will be visible to add an element of deterrence, all cameras will be black and be sympathetically installed utilizing current exterior features such as exterior lighting fixtures and vents. Infrastructure to support camera operation will utilize or follow existing exterior conduit paths. Any new conduit would be mounted directly above or below existing conduit. All installation and mounting will occur a reasonable distance from the front half of the building and out of direct view from Cambridge Street. No installation will occur on the front façade. Two of the three cameras will be visible from Cambridge Street.



Left: Site plan showing the three locations for security cameras. Note that numbers and arrows correspond to photos and direction in which photos were taken on following pages.



Photo 1 (above) and photo 2 (below), showing the staff entrance and proposed location of the security camera on this elevation (indicated with red dot). Wiring would be run either from behind camera or up from existing call box. Camera would be Axis M3027-PVE Network Camera (see cut sheets on following pages.)





Photo 3 (above) and photo 4 (below), along Lynde Street. Proposed location of security cameras is indicated with the blue dot, and would be the site of two security cameras—one pointed up towards the end of Lynde Street, and the other pointed down towards Cambridge Street, in an effort to survey the majority of this street. Cameras would be mounted directly below the existing exterior lights, and wiring would be run through existing penetration for electrical wiring in window casing. Cameras would be Axis M2025-LE (see cut sheets on following pages).





Photo 5 (above), photo 6 (below), and photo 7 (page 8) at end Lynde Street. Proposed location of security camera is indicated with green dot. Camera would point towards Lynde Street, in an effort to capture activity in this gravel parking area as well as at the end of Lynde Street. Camera would be mounted directly below the existing exterior lights, and wiring would be run in conduit either directly above or below existing conduit that contains electrical wiring. Camera would be Axis M2025-LE (see cut sheets on following pages).





AXIS M3027-PVE Network Camera

Outdoor-ready fixed mini dome with 180°/270°/360° panoramic views

AXIS M3027-PVE is a factory-focused, 5-megapixel fixed mini dome that provides detailed, high quality 180°, 270° or 360° panoramic views. It has day and night functionality, maintaining high image quality even in low-light conditions. The vandal-resistant, outdoor-ready camera can be used to detect activities, track the flow of people and improve area management. It offers different views: 360° overview and dewarped views such as panorama, double panorama and quad views. AXIS M3027-PVE provides four individually cropped out and dewarped view areas where users can digitally pan, tilt and zoom in on areas of interest. Support for AXIS Camera Application Platform enables the installation of intelligent video applications such as people counting.

- > [Compact, vandal-resistant, outdoor-ready design](#)
- > [360°/270°/180° panoramic views in up to 5 MP resolution](#)
- > [Input/output ports](#)
- > [Digital PTZ and multi-view streaming with dewarped views](#)



AXIS M3027-PVE Network Camera

Camera	
Image sensor	1/3.2" progressive scan RGB CMOS
Lens	M12 mount, Fixed iris, IR corrected 1.27 mm, F2.0 Horizontal field of view: 187° Vertical field of view: 168°
Day and night	Automatically removable infrared-cut filter
Light sensitivity/minimum illumination	Color: 0.3-200000 lux, F2.0, B/W: 0.06 lux, F2.0
Shutter time	1/24500 s to 2 s
Camera angle adjustment	Rotation ±180°
Video	
Video compression	H.264 (MPEG-4 Part 10(AVC) Baseline and Main Profile) Motion JPEG
Resolution	2592x1944 (5 MP) to 160x120 Overview: 2592x1944 (5 MP) to 160x120 Panorama: 1920x720 to 320x120 Double Panorama: 1920x1440 to 160x120 Quad view: 1920x1440 to 160x120
Frame rate	12 fps in 360° overview and panoramic views with power line frequency 50/60 Hz
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Multi-view streaming	360° overview, Dwarped panorama, double panorama and quad views. Up to 4 individually cropped out and dwarfed view areas. When streaming 4 dwarfed view areas and one 360° overview in VGA resolution, the frame rate is 10 fps per stream
Pan/Tilt/Zoom	Digital PTZ of view areas, Preset positions, Guard tour. Digital PT of panorama, double panorama and quad views
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, backlight compensation, Wide Dynamic Range - dynamic contrast, text and image overlay, mirroring of images, privacy mask Exposure zones, fine tuning of low light behavior Rotation: 0°, 180°
Network	
Security	Password protection, IP address filtering, HTTPS ² encryption, IEEE 802.1X ² network access control, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, HTTP, HTTPS ² , SSL/TLS ² , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
Application Programming Interface	Open API for software integration, including VAPX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at www.onvif.org
Analytics	AXIS Video Motion Detection 4, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/ocap
Event triggers	Analytics, Edge storage events, External input
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTPS and TCP
	External output activation Video recording to edge storage Pre- and post-alarm video buffering Go to PTZ preset, Guard tour
Data streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum casing with transparent, polycarbonate cover and dehumidifying membrane, Encapsulated electronics, Captive screws (resistorx 10) Color: White NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner
Memory	512 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 4.5 W, typical 3.4 W
Connectors	Male RJ45 10BASE-T/100BASE-TX PoE on a 2 m (6.6 ft) network cable, warranty can be maintained even when cable is cut-for more information, contact your Axis partner Terminal block for 1 alarm input and 1 output
Storage	Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10-100% RH (condensing)
Approvals	EMC EN 55022 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM ANZS CISPR 22 Class B, KCC KN22 Class B, KN24 Safety IEC/EN/UL 60950-22 Environment EN 50581, IEC 60529 IP66, NEMA 250 Type 4X, IEC 62262 IK10
Dimensions	Ø 132 x 73 mm (Ø 5 3/16 x 2 7/8 in)
Weight	740 g (1.6 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, Drill hole template, Resistorx L-key, Terminal block connector
Optional accessories	AXIS T91 Mount Accessories, AXIS T94F01D Pendant Kit, AXIS T94F01I Recessed Mount Kit, AXIS T94F01M J-Box/Gang Box Plate, AXIS T94F01P Conduit Back Box, AXIS T94F01S Mount Bracket, AXIS T94F02D Pendant Kit with sunshield, Network Cable Coupler IP66, Network Cable Coupler Indoor, Network Cable Coupler Indoor Slim, Skin covers (White/Black)
Video management software	AXIS Companion, AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/support/downloads
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:
www.axis.com/environmental-responsibility

AXIS M2025-LE Network Camera

Affordable and outdoor-ready camera with built-in IR

AXIS M2025-LE is a small, bullet-style camera delivering high-quality images in HDTV resolution. It has built-in IR illumination that enables surveillance up to 15 m even at nighttime. The outdoor-ready camera is resistant to rough weather and the integrated sunshield protects against sun and rain. With a 115° field of view, a single camera gives full surveillance at low cost, and Axis Corridor Format provides efficient monitoring of corridors and shopping aisles. WDR – Forensic Capture increases forensic usability by highlighting details in both dark and well-lit areas. The spacious back box enables secure cable management and easy installation.

- > [Outdoor-ready, IP66- and NEMA 4X-rated](#)
- > [HDTV 1080p](#)
- > [Built-in IR illumination](#)
- > [115° field of view](#)
- > [Zipstream](#)



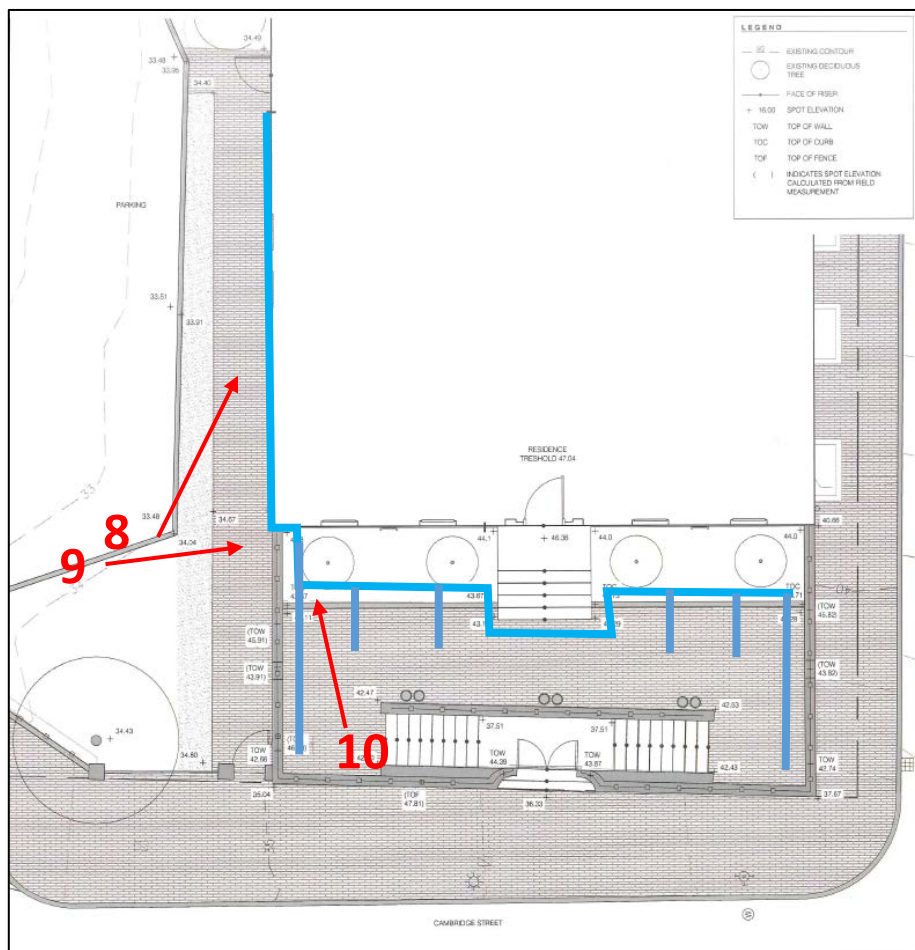
AXIS M2025-LE Network Camera

Models	AXIS M2025-LE AXIS M2025-LE Black	Data streaming	Event data
Camera		Built-in installation aids	Pixel counter
Image sensor	1/2.8" progressive scan RGB CMOS	General	
Lens	M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 115° Vertical field of view: 64°	Casing	IP66-, NEMA 250 Type 4X-, and IK08-rated, polymer casing Encapsulated electronics, captive screws (Torx® 10) M2025-LE: Color: White NCS S 1002-B M2025-LE Black: Color: Black NCS S 9000-N
Day and night	Automatically removable infrared-cut filter	Sustainability	PVC free
Minimum illumination	Color: 0.2 lux at 50 IRE, F2.0 BW: 0.04 lux at 50 IRE, F2.0 0 lux with IR illumination on	Memory	512 MB RAM, 256 MB Flash
Shutter time	1/65000 s to 2 s	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 4.1 W, max 6.3 W
Video		Connectors	RJ45 10BASE-T/100BASE-TX PoE
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	IR illumination	Power-efficient, long-life 850 nm IR LED. Range of reach up to 15 m (50 ft) depending on scene
Resolution	1920x1080 to 160x90	Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz	Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	Approvals	EMC EN 55032 Class A, EN 55024, IEC 62471, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-7B, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X Safety IEC/EN/UL 62368-1 IEC/EN/UL 60950-22
Image settings	Compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control, WDR – Forensic Capture: up to 115 dB depending on scene, rotation: 0°, 90°, 180°, 270° including Corridor Format, text and image overlay, privacy masks, mirroring of images	Dimensions	Height, straight: 174 mm (6.9 in) Height, angled: 118 mm (4.6 in) ø 101 mm (4.0 in)
Pan/Tilt/Zoom	Digital PTZ	Weight	0.5 kg (1.1 lb)
Network		Included accessories	Installation Guide, Windows® decoder 1-user license, Torx® L-key, Connector guard
Security	Password protection, IP address filtering, HTTPS ² encryption, IEEE 802.1X ² network access control, digest authentication, user access log, Centralized Certificate Management	Optional accessories	AXIS T94B03L Recessed Mount, AXIS T94B02D Pendant kit, AXIS T94B01P Conduit Back Box, AXIS T94B02M J-Box/Gang Box Plate, Axis mounts, AXIS Surveillance microSDXC [®] Card AXIS T94 mounts for various installations For more accessories, see www.axis.com
Supported protocols	IPv4/v6, HTTP, HTTPS ² , SSL/TLS ² , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms
System integration		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Application Programming Interface	Open API for software integration, including VAPX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile Q, specification at www.onvif.org	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Digital Autotracking, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of and third-party applications, see www.axis.com/acap	<i>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i>	
Event triggers	Analytics, Edge storage events	Environmental responsibility:	www.axis.com/environmental-responsibility
Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text		

Terrace irrigation line:

Plantings on the front terraces of the Otis House always suffer from the harsh conditions and lack of irrigation. In order to ensure the long-term sustainability of the terraces as a planting bed irrigation needs to be provided. The proposed irrigation line will run from the faucet located on the west (left) side of the building, near the staff entrance, under the brick walkway to the gutter, up the backside of the gutter, over the wall, and into the planting bed left of the front steps and another line to run over to the planting bed right of the front steps. Running the water through the building to the terraces is not an option as the lines would run through the library and archives and thus create a risk for the vital records stored within.

The irrigation line would largely be buried and thus not visible, except for where it would run from the back of the gutter and over the wall, and into the planting bed left of the front steps. Where the irrigation line isn't buried, it will be painted either reddish brown to match the brick, or gray to match the granite.



Above: Site plan showing proposed irrigation line in blue. Note that numbers and arrows correspond to photos and direction in which photos were taken on following pages.



Images above and to left: Photos showing the route of the proposed irrigation line from the faucet next to the staff entrance, down below the brick walkway (buried length indicated in dashed line), up the back of the downspout, and then spanning an approximately 2' width to the edge of the wall of the terrace.



Image above: Photo showing the route of the proposed irrigation line from the top of the terrace side wall, down the interior edge of the terrace side wall, and then buried to service plantings (buried lengths indicated in dashed lines).