

SPECIAL TOPICS IN MAINTENANCE: ATHLETICS, HOUSING, HEALTH, AND MORE

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JANUARY 2023

 Facilities Management



1



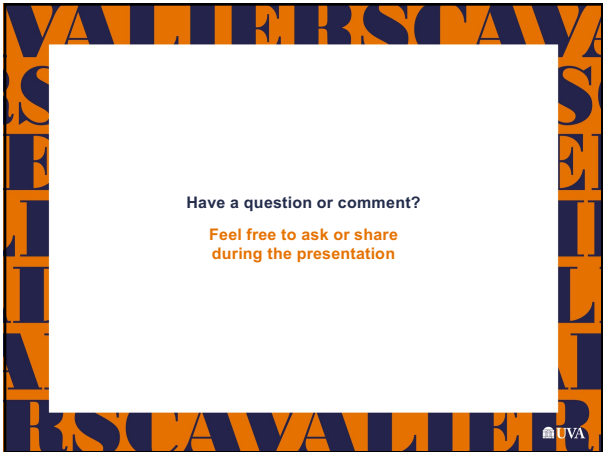
IN THIS SESSION WE WILL COVER

This session will discuss topics in maintenance that may be outside the normal scope of traditional operations & maintenance in higher education facilities.

Topics will include historic properties, athletics facilities, health systems, housing, research facilities, 24x7 operations and more.




2



Have a question or comment?

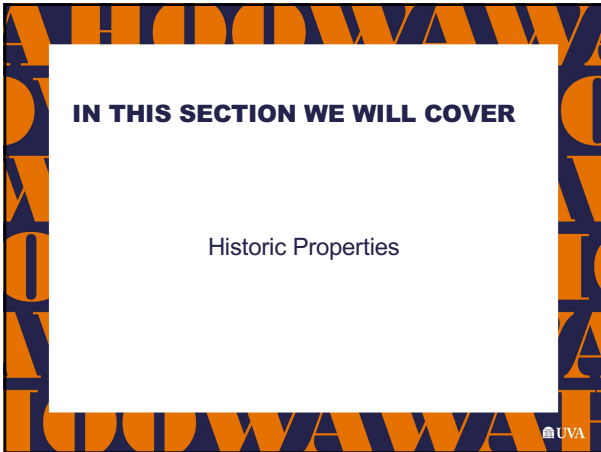
Feel free to ask or share during the presentation



3

IN THIS SECTION WE WILL COVER

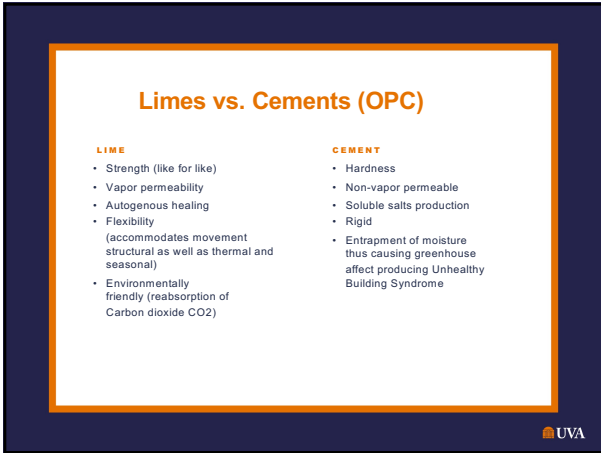
Historic Properties



4

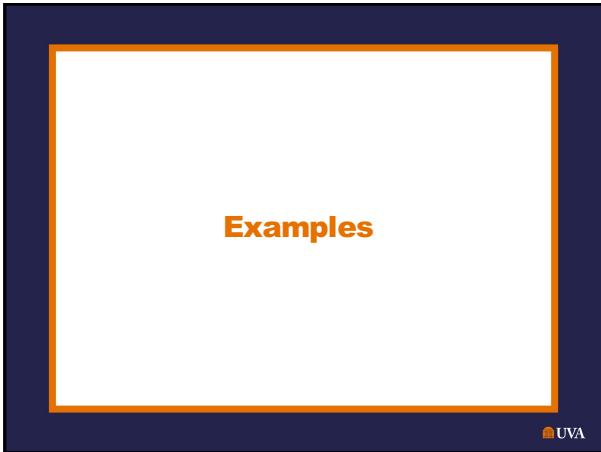
Limes vs. Cements (OPC)

LIME	CEMENT
<ul style="list-style-type: none">• Strength (like for like)• Vapor permeability• Autogenous healing• Flexibility (accommodates movement structural as well as thermal and seasonal)• Environmentally friendly (reabsorption of Carbon dioxide CO₂)	<ul style="list-style-type: none">• Hardness• Non-vapor permeable• Soluble salts production• Rigid• Entrapment of moisture thus causing greenhouse affect producing Unhealthy Building Syndrome



5

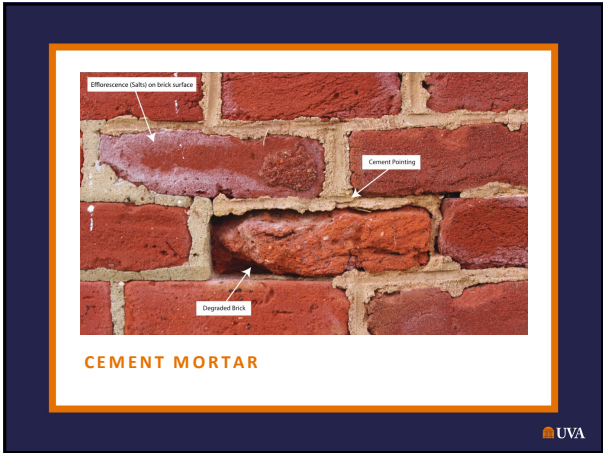
Examples



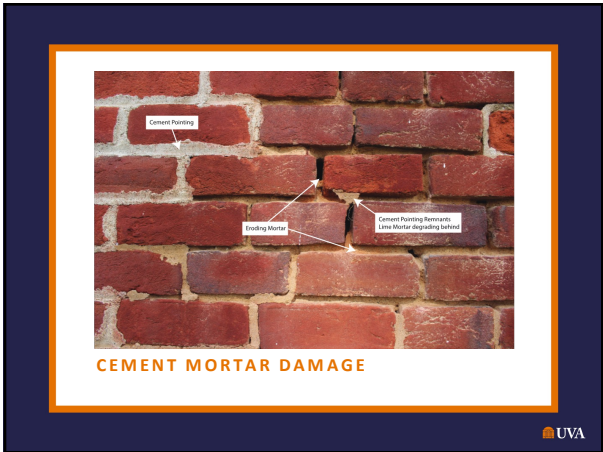
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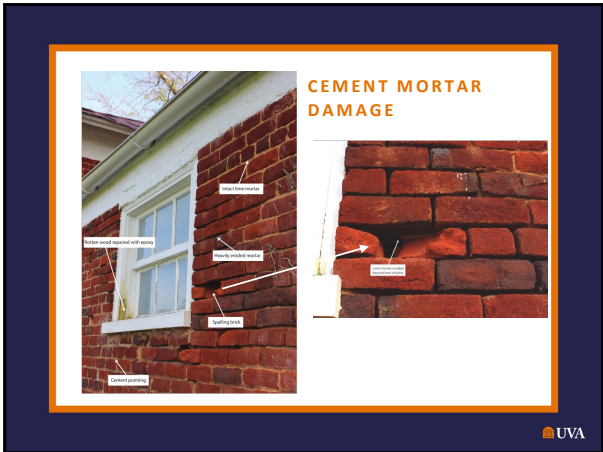
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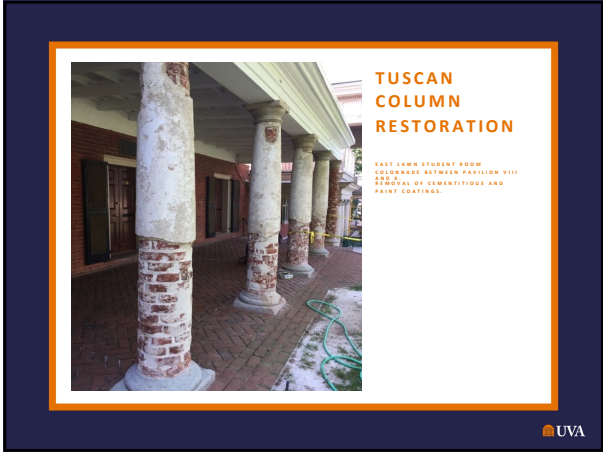
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1 3



1 4



1 5



TUSCAN COLUMN RESTORATION

BRICK LAMIN. STUDENT ROOM COLONNADE BETWEEN PAVILION VIII AND V. REMOVAL OF CEMENTITIOUS AND PAINT COATINGS.

UVA

16



TUSCAN COLUMN RENOVATION

ORIGINAL WOOD - MOLDED BRICK

UVA

17



TUSCAN COLUMN RENOVATION

ORIGINAL BRICK COLUMN. ORIGINAL PLASTER HAS BEEN COMPLETELY REMOVED.

UVA

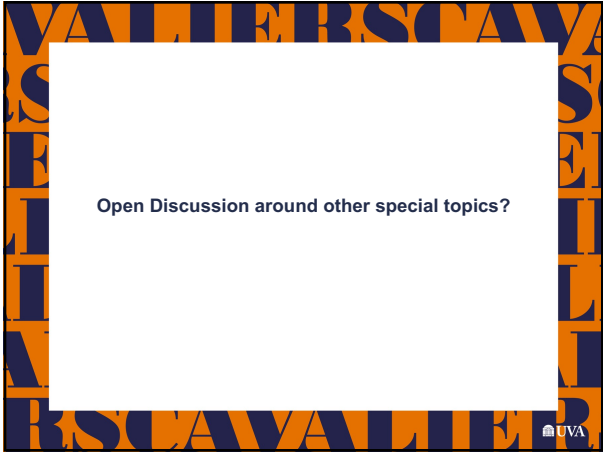
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THANK YOU

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