

**SECTION 04470
SANDSTONE**

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Lyons sandstone.

B. Related Sections:

1. Section 04100 - Mortar and Grout.
2. Section 04200 - Unit Masonry: Brick and block masonry.
3. Section 04400 - Stone: Basic requirements for stone construction.
4. Section 04460 - Limestone.

1.1 SYSTEM DESCRIPTION:

- A. Refer to Section 04400.

1.2 QUALITY ASSURANCE:

- A. Refer to Section 04400.

1.3 SUBMITTALS:

LEED MRc5: Regional Materials
Provide a statement from the manufacturer stating that materials provided were harvested and manufactured within a 500 mile radius of the project. Include the location.

PROVIDE PLANNING SCHEDULE FOR PURCHASE, STORAGE AND DELIVERY. OBTAIN CURRENT SAMPLES OF COLOR RANGE FROM QUARRY. PLAN IN ADVANCE TO SECURE AND STORE APPROPRIATE QUANTITIES OF MATERIALS. MAY NEED TO PURCHASE A SEASON AHEAD OF WORK BEING PLANNED.

PART 2 - PRODUCTS

2.1 SANDSTONE (NATIVE STONE):

- A. Lyons sandstone conforming to ASTM C616, Class II, quartzitic sandstone:

1. Cut stone 5" wide (tolerance of +2" to -3/4") to allow for 1" to 1-1/2" average face projection.

COORDINATE SANDSTONE DIMENSIONS AND DESCRIPTIONS WITH THE DRAWINGS. DRAWINGS MUST INCLUDE A SET OF STANDARD DETAILS. AN EXAMPLE OF THE STANDARD DETAILS FOLLOWS THIS SECTION. NOTE: NEWER BUILDINGS ALLOW GREATER THAN 2" PROJECTIONS.

2. Length: Minimum of three times the height, maximum of 7'-0".

NOTE JUMPERS IN EXCESS OF 7" TO 9" SHOULD BE AVOIDED. LONGER PATTERNS KEEP HEIGHT SHORTER.



COLOR EXAMPLES ARE LISTED TO AID DESIGNER IN VARIATIONS THAT OCCUR ON CAMPUS. VERIFY WITH UCCS STAFF COLOR SELECTION FOR SPECIFIC PROJECT.



3. Color: Complete the following table in consultation with Facilities Planning and the Campus Architect

Stone Color	Trade Names	Percent in Mix	Max. Height	Min. Height
Red	Lyons Red			
Red Natural	Lyons Red Natural			
Buff Loveland Buff	Masonville Buff			
Buff Natural Loveland Buff	Masonville Buff			
Pink Berthoud Pink	Lykins Sunset			
Pink Natural Berthoud Pink	Lykins Sunset			
Variegated Sunset	Peach Bacon Strip			
Variegated Natural	Sunset Peach Bacon Strip			

4. Staining:

- a. Black staining is not acceptable.

5. Match existing, adjacent stonework where applicable.

B. Shiners: Sandstone conforming to ASTM C616, Class II, quartzitic, Lyons red quartzitic sandstone:

1. Color range as selected by Architect and approved by the Owner.
2. Honed or split face finish as approved by the Owner.
3. Minimum thickness: 2.75" ± 0.25". Thickness shall be appropriate to size.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. As specified in Section 04400.

END OF SECTION 04470

