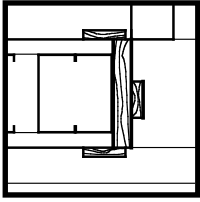
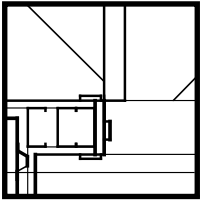


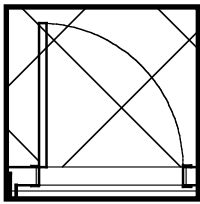
3" = 1' - 0": Study and depict details of high complexity. All materials are depicted and all profiles are drawn accurately



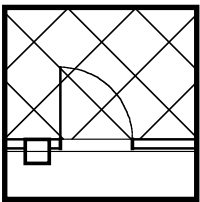
1-1/2" = 1' - 0": Study and depict details of normal complexity. Possible to depict materials if using CAD systems.



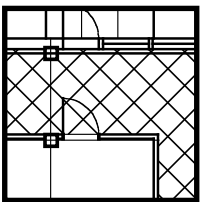
3/4" = 1' - 0": Study details of assemblies in relationship to each other. May be used for simple details



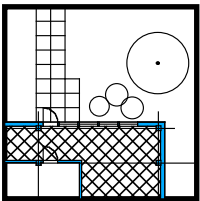
1/4" = 1' - 0": Study complex elements of plans, sections, and elevations. A good scale for interior elevations if using CAD systems.



1/8" = 1' - 0": Study plans, sections, and elevations. Typical scale for laying out buildings in construction documents



1/16" = 1' - 0": Study all elements of building plans and elevations together



1" = 40' - 0": Study the building and site elements together. Frequently used scale for 'Nolli' type plans

SELECTING DRAWING SCALES:

USE THE SMALLEST SCALE THAT ALLOWS YOU TO DEPICT YOUR MATERIALS AND ASSEMBLIES CLEARLY FOR THE KIND OF STUDY YOU ARE DOING

GENERALLY DRAWINGS DONE BY HAND NEED TO BE DRAWN AT A LARGER SCALE THAN THOSE DONE WITH CAD SYSTEMS. DRAWINGS INDICATED ON THIS SHEET SHOW GOOD SCALES TO USE WHEN USING CAD SYSTEMS. USE NEXT SCALE UP WHEN DRAWING BY HAND TO ACHIEVE SAME RESULTS.

DO NOT USE 3/32" = 1' - 0", 3/16" = 1' - 0" OR 3/8" = 1' - 0" SCALES

COMPARISON OF U.S. ARCHITECTURAL SCALES TO PROPORTIONAL SCALES USED IN METRIC SYSTEM

U.S. SYSTEM	PROPORTIONS OF US SYSTEM	COMMONLY USED PROPORTIONAL SCALES IN METRIC SYSTEM
HALF SIZE	1:2	1:2
3" = 1' - 0"	1:4	1:5
1-1/2" = 1' - 0"	1:8	1:10
1" = 1' - 0"	1:12	1:12.5
3/4" = 1' - 0"	1:16	1:20
1/2" = 1' - 0"	1:24	1:25
1/4" = 1' - 0"	1:48	1:50
1/8" = 1' - 0"	1:96	1:100
1" = 10'	1:120	1:125
1/16" = 1' - 0"	1:192	1:200
1" = 20'	1:240	1:250
1" = 40'	1:480	1:500
1" = 50'	1:600	1:1000
1" = 100'	1:1200	1:1250
1" = 200'	1:2400	1:2500

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Drawing Scales

BAC TM 632
Architectural Detailing

Date **September 5, 1996**

Scale **Noted**