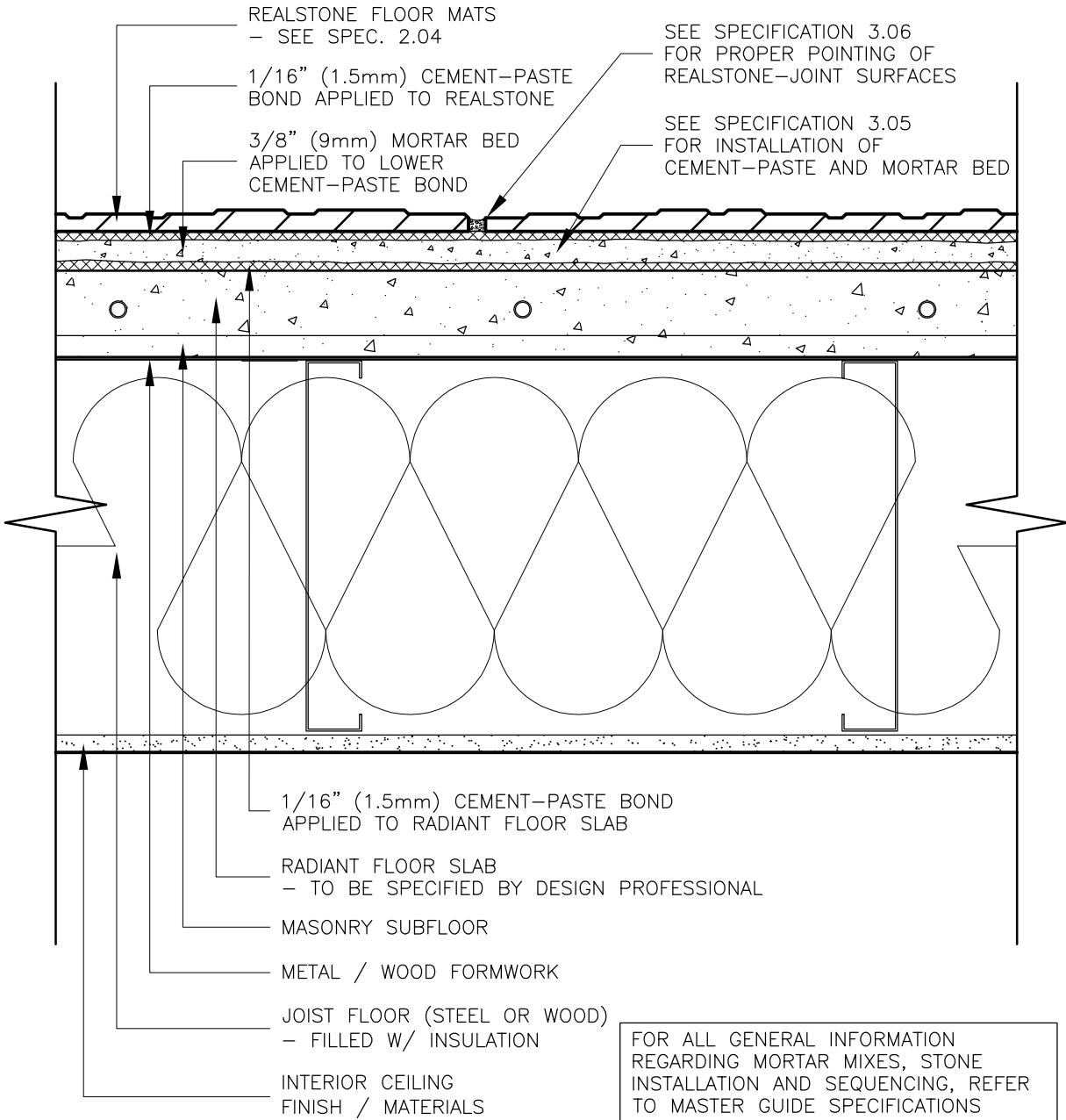


INTERIOR JOIST FLOOR WITH MASONRY SUBFLOOR AND RADIANT FLOOR SLAB (SECTION)



DRAWING DESCRIPTION:

THIS DETAIL ILLUSTRATES THE REALSTONE MAT SYSTEM INSTALLED ON AN INTERIOR FRAMED FLOOR WITH A MASONRY SUBFLOOR AND RADIANT FLOOR SLAB. THE RADIANT FLOOR SLAB IS A HEATING SYSTEM THAT CIRCULATES WATER THROUGH PIPES EMBEDDED IN A MASONRY SLAB. THE MASONRY SLAB IS HEATED BY THIS HOT WATER AND RADIATES HEAT INTO THE SPACE ABOVE (WARM AIR RISES). THE FLOOR CAVITY IS FILLED WITH INSULATION TO PREVENT THE LOSS OF HEAT. THE INSTALLATION AND SPECIFICATIONS FOR THE RADIANT FLOOR SLAB SHOULD BE SPECIFIED BY THE DESIGN PROFESSIONAL IN COMPLIANCE WITH THE MANUFACTURER'S SPECS AND THE LOCAL BUILDING CODE.

SHEET NO:
D-42

DRAWING: INT. FLOOR W/ MASONRY SUBFLOOR (SECTION)

realstone SYSTEMS™
Realstone Simply Installed

NOTE: REALSTONE SYSTEMS' DETAILS ARE PROVIDED FOR THE CLARIFICATION OF THE MANUFACTURED PRODUCT, ITS APPLICATIONS AND TO ASSIST IN THE PROCESS OF PROJECT SPECIFIC DETAILS. DESIGN PRINCIPLES AND SPECIFICATIONS INCORPORATED IN THE FINAL DETAILS ARE THE RESPONSIBILITY OF THE PROJECT DESIGN PROFESSIONAL IN COMPLIANCE WITH THE LOCAL BUILDING CODE.

SCALE: 1:5

DATE: 08-12-12