

Appendix A:

Uponor LoopCAD® or Radiant Express worksheet

Project information

Project name _____ Date received _____
 Project location _____ Date design due _____
 Contact person _____ Contact number _____

Design information

Suspended floors		Notes
Outdoor design temp.	Under-floor insulation R-value	
Slab-on-grade floors		
Water table present		
Under-slab R-value		
Water table temperature		
Edge R-value		
Slab depth		
Perimeter R-value		

Default settings/components***	
Wall R-value	
Ceiling R-value	
Window R-value	
Skylight R-value	
Door R-value	
Air change/hour	

Plan information

Floor level _____

Room name								
Room temp.								
Zone number								
Gross floor area								
Unheated floor area								
Net ceiling area								
Average wall height								
Floor construction*								
Floor type**								
Floor covering***								
Distance to manifold								
Assigned to manifold #								
Wall 1 (L x H)	X	X	X	X	X	X	X	X
Wall 2 (L x H)	X	X	X	X	X	X	X	X
Wall 3 (L x H)	X	X	X	X	X	X	X	X
Door 1 (L x W)	X	X	X	X	X	X	X	X
Door 2 (L x W)	X	X	X	X	X	X	X	X
Window 1 (L x W)	X	X	X	X	X	X	X	X
Window 2 (L x W)	X	X	X	X	X	X	X	X
Skylight (L x W)	X	X	X	X	X	X	X	X

*Floor construction
 Slab on grade = SO
 Slab below grade = SB
 Suspended over heated = SH
 Suspended over unheated = SU

**Floor type
 Concrete slab = C
 Poured underlayment = U
 Single plates = S
 Double plates = D
 Joist (piping alone) = J
 Joist Trak™ = JT
 Quik Trak® = QT

***R-values are in Appendix D.

