Contact_Map_Input	InputLayer
input:	output:
[(None, 33, 33)]	[(None, 33, 33)]

Reshape_Block	Sequential
input:	output:
(None, 33, 33)	(None, 33, 33, 1)

Conv_Block_1	Sequential
input:	output:
(None, 33, 33, 1)	(None, 16, 16, 16)

Conv_Block_2	Sequential
input:	output:
(None, 16, 16, 16)	(None, 8, 8, 32)

Contact_Output_Block	Sequential
input:	output:
(None, 8, 8, 32)	(None, 32)

Structure_Input	InputLayer
input:	output:
[(None, 21)]	[(None, 21)]

Structure_Block	Sequential
input:	output:
(None, 21)	(None, 32)

Concat	Concatenate
input:	output:
[(None, 32), (None, 32)]	(None, 64)

Classification_Block	Sequential
input:	output:
(None, 64)	(None, 1)