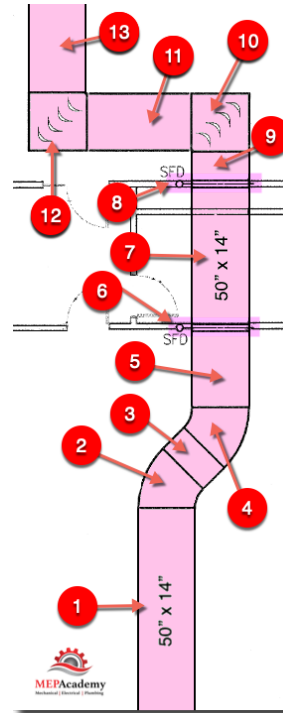


## Sheet Metal Ductwork Takeoff - Practice Test #2 - Answers

### VAV High Side Rectangular Ductwork #1

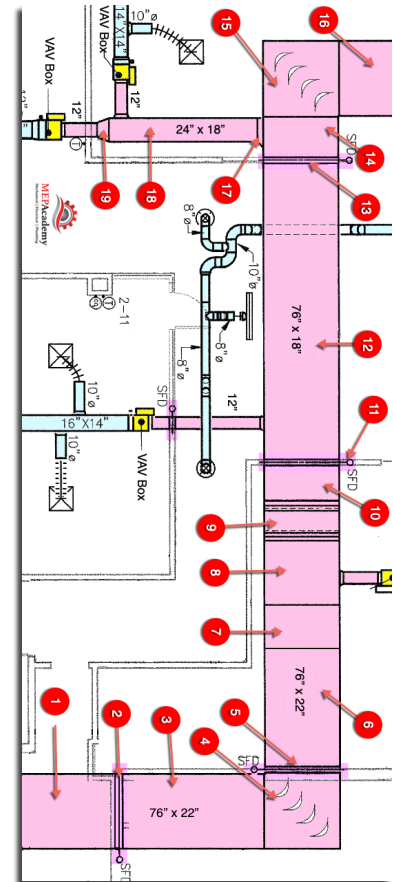
VAV High Side Rectangular Ductwork #1 (Practice Test #2)		
Item #	Duct or Fitting Description	Size
1	Straight Duct	50" x 14"
2	Angle	50" x 14"
3	Straight Duct	50" x 14"
4	Angle	50" x 14"
5	Straight Duct	50" x 14"
6	Smoke/Fire Damper	50" x 14"
7	Straight Duct	50" x 14"
8	Smoke/Fire Damper	50" x 14"
9	Straight Duct	50" x 14"
10	90-Degree Elbow w/Turning Vanes	50" x 14"
11	Straight Duct	50" x 14"
12	90-Degree Elbow w/Turning Vanes	50" x 14"
13	Straight Duct	50" x 14"



## VAV High Side Rectangular Ductwork #2

VAV High Side Rectangular Ductwork #2 (Practice Test #2)		
Item #	Duct or Fitting Description	Size
1	Straight Duct	76" x 22"
2	Smoke/Fire Damper	76" x 22"
3	Straight Duct	76" x 22"
4	90-Degree Elbow w/TV	76" x 22"
5	Smoke/Fire Damper	76" x 22"
6	Straight Duct	76" x 22"
7	Transition	76" x 22" to 76" x 18"
8	Straight Duct	76" x 18"
9	Offset ***	76" x 18"
10	Straight Duct	76" x 18"
11	Smoke/Fire Damper	76" x 18"
12	Straight Duct	76" x 18"
13	Smoke/Fire Damper	76" x 18"
14	Straight Duct	76" x 18"
15	90-Degree Elbow w/TV	76" x 18"
16	Straight Duct	76" x 18"
17	45-Degree Tap	24" x 18"
18	Straight Duct	24" x 18"
19	Square to Round	24" x 18" to 12"

\*\*\* This could be done with a couple of angles also.



## VAV Low & High Side Takeoff

VAV Low & High Side Ductwork (Practice Test #2)		
Item #	Duct or Fitting Description	Size
1	Straight Duct	76" x 16"
2	Smoke/Fire Damper	76" x 16"
3	Straight Duct	76" x 16"
4	Transition	76" x 16" to 72" x 16"
5	Straight Duct	72" x 16"
6	Angle	72" x 16"
7	Start Collar	14"
8	Spiral Duct	14"
9	Duct or Plenum (Lined)	18" x 16"
10	Square to Round	18" x 16" to 10"
11	Spiral Duct	10"
12	90-Degree Elbow	10"
13	Spiral Duct	10"
14	Flexible Duct Connector	10"
15	45-Degree Tap	16" x 16"
16	Straight Duct	16" x 16"
17	Transition	16" x 16" to 16" x 14"
18	Straight Duct	16" x 14"
19	Square to Round	16" x 14" to 12"
20	Spiral Duct	12"
21	Reducing Tee-Wye	12" x 10" x 10"
22	Spiral Duct	10"
23	90-Degree Elbow	10"
24	Spiral Duct	10"
25	Flexible Duct Connector	10"
26	Spiral Duct	10"
27	Flexible Duct Connector	10"
28	Spin-In (Start Collar)	10"
29	Spiral Duct	10"
30	Flexible Duct Connector	10"
31	Spin-In (Start Collar)	10"
32	Spiral Duct	10"
33	Flexible Duct Connector	10"
34	Spin-In (Start Collar)	10"
35	Spiral Duct	10"
36	Flexible Duct Connector	10"

