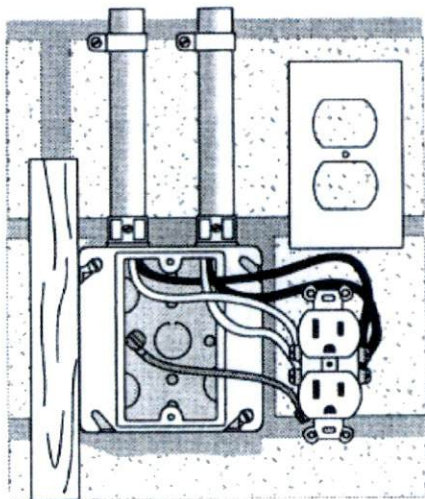


Example 3. 20A Duplex Receptacle w/ 1/2" EMT

20A 125 Volt Duplex Receptacle with 1/2" EMT							
MATERIAL	QUANTITY	MATERIAL PRICE	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXTENSION
4S BOX 3/4" K.O.	1	59.00	C	0.59	30.00	C	0.30
4S SG P-RING	1	39.00	C	0.39	15.00	C	0.15
1/2" EMT	30	13.00	C	3.90	4.50	C	1.35
1/2" EMT CPLG SS	4	24.00	C	0.96	0.04	E	0.16
1/2" EMT CONN SS	2	21.00	C	0.42	0.08	E	0.16
1/2" LN & PB SET	2	97.00	C	1.94	0.30	E	0.60
1/2" 1-H STRAP	4	6.00	C	0.24	4.00	C	0.16
3/8" SELF DRILL ANCHOR	4	22.00	C	0.88	24.00	C	0.96
#12 THHN WIRE	96	48.00	M	4.61	6.00	M	0.58
20A DPLX RECEP	1	180.00	C	1.80	30.00	C	0.30
1-G PLATE	1	47.00	C	0.47	10.00	C	0.10
Total				\$ 16.20			4.82

Labor Cost at \$25.00	4.82 x \$ 25.00	\$ 120.40
Material Cost + 15%	\$16.20 x 1.15	\$ 18.63
Total Prime Cost		Σ \$ 139.03
Overhead at \$15.00 Per hour	4.82 x \$15.00	\$ 72.24
Break Even Cost		Σ \$ 211.27
Profit, +15%	\$211.27 x 0.15	\$ 31.69
Unit Price		\$242.96

Receptacle Duplex



Locknut and Plastic Bushing Set (LN & PB Set)



**Coupling
EMT CPLG SS**



**Connector
EMT CONN SS**



**1-Hole Strap
1-H Strap**

Anchor



1/2" LN & PB set

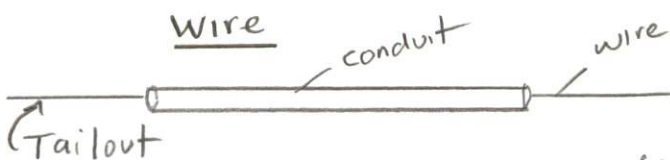
1/2" LN 15.00 C

1/2" PB 67.00 C

2 x 15.00 = 30.00

1 x 67.00 = 67.00

\$ 97.00 C



3 conductors x 30ft = 90ft

+ 6 tailouts x 1ft = 6ft

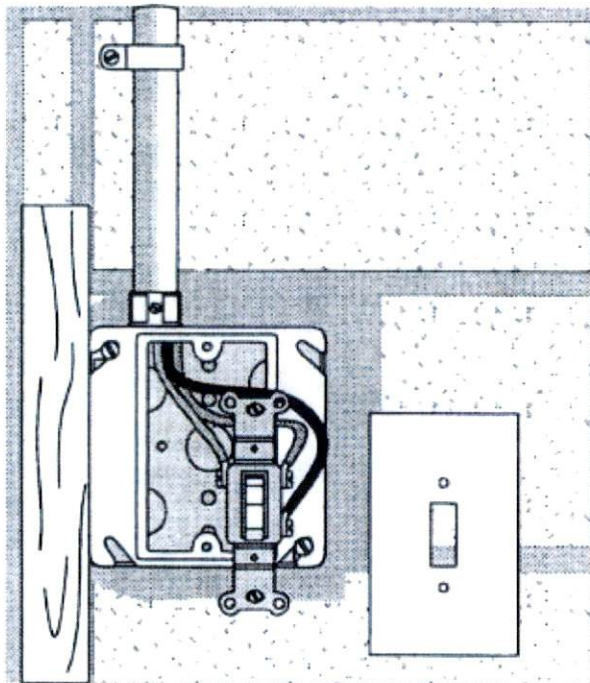
Total 96ft

Example 4. 20A Single Pole Switch w/ 1/2" EMT

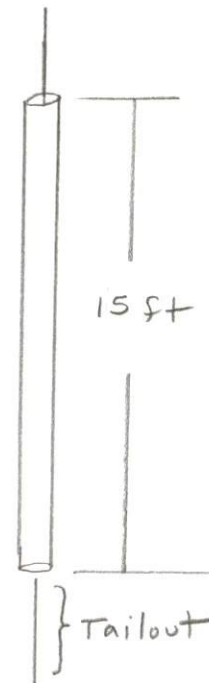
20A SINGLE POLE SWITCH w/ 1/2" EMT							
MATERIAL	QUANTITY	MATERIAL PRICE	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXTENSION
4S BOX 3/4" K.O.	1	59.00	C	0.59	30.00	C	0.30
4S SG P-RING	1	39.00	C	0.39	15.00	C	0.15
1/2" EMT	15	13.00	C	1.95	4.50	C	0.68
1/2" EMT CPLG SS	2	24.00	C	0.48	0.04	E	0.08
1/2" EMT CONN SS	1	21.00	C	0.21	0.08	E	0.08
1/2" LN & PB SET	1	97.00	C	0.97	0.30	E	0.30
1/2" 1-H STRAP	2	6.00	C	0.12	4.00	C	0.08
3/8" SELF DRILL ANCHOR	2	22.00	C	0.44	24.00	C	0.48
#12 THHN WIRE	51	48.00	M	2.45	6.00	M	0.31
20A SP SW	1	258.00	C	2.58	15.00	C	0.15
1-G PLATE	1	47.00	C	0.47	10.00	C	0.10
Total				\$ 10.65			2.70

Labor Cost at \$25.00	$2.70 \times \$25.00$	\$ 67.53
Material Cost + 15%	$\$10.65 \times 1.15$	\$ 12.25
Total Prime Cost		Σ \$ 79.77
Overhead at \$15.00 Per hour	$2.70 \times \$15.00$	\$ 40.52
Break Even Cost		Σ \$ 120.29
Profit, +15%	$\$120.29 \times 0.15$	\$ 18.04
Unit Price		\$ 138.33

One Gang Switch



\$ s



$$\begin{aligned}
 15 \text{ ft} \times 3 \text{ conductors} &= 45 \text{ ft} \\
 + 6 \text{ Tailouts} \times 1 \text{ ft} &= \underline{6 \text{ ft}} \\
 &= 51 \text{ ft}
 \end{aligned}$$

Example 5. 2x4 FL 4L Lay-In Fixture

2X4 FL 4L LAY-IN FIXTURE								
MATERIAL	QUANTITY	MATERIAL PRICE	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXTENSION	
Lighting Branch	4S BOX 3/4" K.O.	1	59.00	C	0.59	30.00	C	0.30
	4S COVER	1	43.00	C	0.43	8.00	C	0.08
	1/2" EMT	10	13.00	C	1.30	4.50	C	0.45
	1/2" EMT CPLG SS	2	24.00	C	0.48	0.04	E	0.08
	1/2" EMT CONN SS	1	21.00	C	0.21	0.08	E	0.08
	1/2" LN & PB SET	1	97.00	C	0.97	0.30	E	0.30
	1/2" 1-H STRAP	1	6.00	C	0.06	4.00	C	0.04
	3/8" SELF DRILL ANCHOR	1	22.00	C	0.22	24.00	C	0.24
	#12 THHN WIRE	36	48.00	M	1.73	6.00	M	0.22
	Total				\$ 5.99			1.79
Fixture	2X4 FL 4L LAY-IN FIXTURE	1	62.00	E	62.00	0.80	E	0.80
	WHIP FL	1	3.50	E	3.50	0.25	E	0.25
	WIRE CONN YELLOW	3	5.00	C	0.15	0.05	E	0.15
	CEILING CLIPS	2	FBO		—	0.15	E	0.30
	SEISMIC WIRE	2	FBO		—	0.25	E	0.50
	T-BAR FIXTURE CLIPS	4	31.66	C	1.27	0.10	E	0.40
	48" 3500K 78 CRI 32W LAMP (T8)	4	2.00	E	8.00	0.10	E	0.40
	Total				\$ 80.91			4.59

Labor Cost at \$25.00	$4.59 \times \$25.00$	\$ 114.75
Material Cost + 15%	$\$80.91 \times 1.15$	\$ 93.05
Total Prime Cost		Σ \$ 207.80
Overhead at \$15.00 Per hour	$4.59 \times \$15.00$	\$ 68.85
Break Even Cost		Σ \$ 276.65
Profit, +15%	$\$276.65 \times 0.15$	\$ 41.50
Unit Price		\$ 318.15

Fluorescent Lay-In Fixtures

