## 09 22 Supports for Plaster and Gypsum Board

09 22 03 -	Fastening Met	hods f	or Finishes
------------	---------------	--------	-------------

			Daily	Labor-			2022 Bare Costs			lotal
09 2	2 03.20 Drilling Plaster/Drywall	Crew	Output	Hours	Unit	Material	Labor	Equipment	Total	Incl O&P
0010	DRILLING PLASTER/DRYWALL									
1100	Drilling & layout for drywall/plaster walls, up to 1" deep, no anchor									
1200	Holes, 1/4" diameter	1 Carp	150	.053	Ea.	.01	3		3.01	4.48
1300	3/8" diameter		140	.057		.01	3.22		3.23	4.80
1400	1/2" diameter	[ ]	130	.062		.01	3.46		3.47	5.15
1500	3/4" diameter	11	120	.067		.01	3.75		3.76	5.60
1600	1" diameter	1	110	.073	1.1	.02	4.09		4.11	6.15
1700	1-1/4" diameter	[ ]	100	.080		.03	4.50		4.53	6.75
1800	1-1/2" diameter	¥	90	.089		.04	5		5.04	7.50
1900	For ceiling installations, add				4.		40%			
0.0										

## **09 22 13 – Metal Furring**

## 09 22 13.13 Metal Channel Furring

16" OC   17"   17"   17"   17"   17"   18"   2.64   3.03   4.25   18"	09 22	13.13 Metal Channel Furring								
16" OC   170   .047   .39   2.64   3.03   4.7	0010	METAL CHANNEL FURRING							2	
185   0.43   2.6   2.42   2.68   3.6   3.6   3.0100   Ceilings, on steel, 7/8" hat channels, galvanized, 12" OC   210   0.38   .44   2.13   2.57   3.5   3.50   3.00   1.6" OC   290   0.28   .39   1.54   1.73   2.6   3.00   3.00   1.6" OC   420   0.19   .26   1.07   1.33   1.54   3.00   3.00   1.5/8" hat channels, galvanized, 12" OC   190, .042   .59   2.36   2.95   4.0   4.00   3.00   2.4" OC   390   0.21   .35   1.15   1.50   2.0   3.00   3.00   2.4" OC   390   0.21   .35   1.15   1.50   2.0   3.00	0030	Beams and columns, 7/8" hat channels, galvanized, 12" OC	1 Lath	155	.052	S.F.	.48	2.89	3.37	4.75
1010   Geilings, on steel, 7/8" that channels, golvanized, 12" OC   210 0.38   .44 2.13   2.57   3.5	0050	16" OC *		170	.047		.39	2.64	3.03	4.28
16" OC   290	0070	24″ OC		185	.043	•	.26	2.42	2.68	3.83
1.00	0100	Ceilings, on steel, 7/8" hat channels, galvanized, 12" OC	11	210	.038	.	.44	2.13	2.57	3.59
1-5/8" hat channels, galvanized, 12" OC   190, .042   .59   2.36   2.95   4.00	0300	16" OC	1 1	290	.028		.39	1.54 .	1.93	2.69
16" OC   260   .031   .53   1.72   2.25   3.1     1990   24" OC   390   .021   .35   1.15   1.50   .25     1980   7/8" hot channels with sound isolation clips, 12" OC   120   .067   1.61   3.73   5.34   7.3     1995   24" OC   16" OC   100   .080   1.21   4.48   5.69   7.3     1996   1-5/8" hot channels, galvanized, 12" OC   110   .073   1.76   4.07   5.83   7.3     1997   16" OC   100   .080   1.32   4.48   5.80   8     1988   24" OC   155   .088   2.89   3.77   5.2     1000   Walls, 7/8" hat channels, galvanized, 12" OC   155   .052   88   2.89   3.77   5.2     1300   24" OC   235   .034   .44   1.91   2.35   3.3     1300   24" OC   350   .023   .26   1.28   1.54   2.1     1500   1-5/8" hat channels, galvanized, 12" OC   210   .038   .59   2.13   2.72   3.1     1500   1-5/8" hat channels, galvanized, 12" OC   240   .033   .53   1.87   2.40   3.3     1500   16" OC   240   .033   .53   1.87   2.40   3.3     1500   24" OC   305   .023   .53   1.87   2.40   3.3     1500   1-5/8" hat channels with sound isolation clips, 12" OC   125   .064   1.61   3.58   5.19   7.1940   16" OC   100   .080   1.21   4.48   5.69   7.5     1990   7/8" hot channels with sound isolation clips, 12" OC   125   .064   1.61   3.58   5.19   7.5     1990   7/8" hot channels, galvanized, 12" OC   150   .053   8.0   2.99   3.79   5.4     1990   7/8" hot channels with sound isolation clips, 12" OC   150   .053   8.0   2.99   3.79   5.4     1990   1-5/8" hot channels, galvanized, 12" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   8.0   2.99   3.79   5.4     1990   24" OC   150   .053   .053   .053   .053   .053   .054   .054   .054   .057     1990   24" OC   340   .057   8.8   3.20   4.08   5.6     24" OC   140   .057   .054   .057   .055   .055   .055   .055   .055   .055   .055   .055   .0	0400	° 24″ 0C °	1	420	.019	11	.26	1.07	1.33	1.85
9900	0600	1-5/8" hat channels, galvanized, 12" OC		190.	.042		.59	2.36	2.95	4.09
9930 7/8" hot channels with sound isolation clips, 12" OC 120 .067 1.61 3.73 5.34 7.2   9940 16" OC 100 .080 1.21 4.48 5.69 7.5   9950 24" OC 1.5/8" hat channels, galvanized, 12" OC 110 .073 1.76 4.07 5.83 7.3   9970 1.6" OC 1.00 .080 1.32 4.48 5.80 8 2.72 3.52 4.6   9980 24" OC 1.00 .080 1.32 4.48 5.80 8 2.89 3.77 5.2   9980 24" OC 1.05 .052 8.8 2.89 3.77 5.2   1000 Walls, 7/8" hat channels, galvanized, 12" OC 235 .034 4.4 1.91 2.35 3.2   1200 16" OC 265 .030 3.9 1.69 2.08 2.5   1300 24" OC 350 .023 2.6 1.28 1.54 2.1   1500 1.5/8" hat channels, galvanized, 12" OC 210 .038 5.9 2.13 2.77 3.1   1600 1.6" OC 210 .038 5.9 2.13 2.77 3.1   1600 1.6" OC 210 .038 5.9 2.13 2.77 3.1   1800 24" OC 305 .026 3.55 1.87 2.40 3.3   1800 24" OC 305 .026 3.55 1.47 1.82 2.5   1920 7/8" hat channels with sound isolation clips, 12" OC 1.25 .064 1.61 3.58 5.19 7 7 1 1940 1.6" OC 1.00 .080 1.21 4.48 5.69 7.9   1950 24" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 7.9   1970 1.5/8" hat channels, galvanized, 12" OC 1.00 .080 1.21 4.48 5.69 8.3   1.00 1.20 1.20 1.20 1.20 1.20 1.20 1.20	0700	16" 00		260	.031		.53	1.72	2.25	3.10
100	0900	24" OC		390	.021		.35	1.15	1.50	2.07
165   0.48   0.80   2.72   3.52   4.8	0930	7/8" hat channels with sound isolation clips, 12" OC		120	.067		1.61	3.73	5.34	7.20
1-5/8" hat channels, galvanized, 12" OC	0940	16" OC		100	.080		1.21	4.48	5.69	7.90
1-5/8" hat channels, galvanized, 12" OC	0950	24" OC		165	.048		.80	2.72	3.52	4.84
16" OC				110	.073		1.76	4.07	5.83	7.90
155 .052				100	.080		1.32	4.48	5.80	8
1000       Walls, 7/8" hat channels, galvanized, 12" OC       235       .034       .44       1.91       2.35       3.3         1200       16" OC       265       .030       .39       1.69       2.08       2.5         1300       24" OC       350       .023       .26       1.28       1.54       2.1         1500       1-5/8" hat channels, galvanized, 12" OC       210       .038       .59       2.13       2.72       3.3         1800       24" OC       305       .026       35       1.87       2.40       3.5         1800       24" OC       305       .026       35       1.47       1.82       2.9         1920       7/8" hat channels with sound isolation clips, 12" OC       125       .064       1.61       3.58       5.19       7         1940       16" OC       100       .080       1.21       4.48       5.69       7.5         1950       24" OC       150       .053       .80       2.99       3.79       5.2         1970       16" OC       15       .053       .80       2.99       3.79       5.6         1970       16" OC       95       .084       1.32       4.72       6				155	.052		.88	2.89	3.77	5.20
1200		Walls, 7/8" hat channels, galvanized, 12" OC		235	.034		.44	1.91	2.35	3.26
1300       24" OC       350       .023       .26       1.28       1.54       2.1         1500       1-5/8" hat channels, galvanized, 12" OC       210       .038       .59       2.13       2.72       3.5         1600       16" OC       24" OC       305       .026       .35       1.87       2.40       3.3         1800       24" OC       305       .026       .35       1.47       1.82       2.5         1920       7/8" hat channels with sound isolation clips, 12" OC       125       .064       1.61       3.58       5.19       7         1940       16" OC       100       .080       1.21       4.48       5.69       7.5         1950       24" OC       150       .053       .80       2.99       3.79       5.2         1970       16" OC       15       .070       1.76       3.90       5.66       7.6         1970       16" OC       95       .084       1.32       4.72       6.04       8.3         3000       Z Furring, walls, 1" deep, 25 ga., 24" OC       350       .023       .35       1.28       1.63       2.6         3010       48" OC       345       .023       1.66 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.08</td><td>2.90</td></t<>									2.08	2.90
1500 1-5/8" hat channels, galvanized, 12" OC 210 .038 .59 2.13 2.72 3.7 1600   16" OC   240 .033   .53 1.87   2.40   3.3 1800   24" OC   305 .026   .35 1.47   1.82   2.5 1920   7/8" hat channels with sound isolation clips, 12" OC   125 .064   1.61 3.58   5.19   7 1940   16" OC   100 .080   1.21 4.48   5.69   7.9 1950   24" OC   150 .053 8.0 2.99 3.79 5.2 1960   1-5/8" hat channels, galvanized, 12" OC   115 .070 1.76 3.90 5.66 7.6 1970   16" OC   95 .084 1.32 4.72 6.04 8.3 1980   24" OC   140 .057 8.8 3.20 4.08 5.6 3.00   Z Furring, walls, 1" deep, 25 ga., 24" OC   350 .023   .35 1.28 1.63   2.3 3010   48" OC   34" OC   345 .023   1.66 1.30   2.96 3.0 3030   48" OC   340 .024 2 1.32 3.32 4.7 3000   2" deep, 24" OC   340 .024 2 1.32 3.32										2.16
1600         16" OC               240         .033         .53         1.87         2.40         3.3           1800         24" OC               305         .026         .35         1.47         1.82         2.5           1920         7/8" hat channels with sound isolation clips, 12" OC               125         .064         1.61         3.58         5.19         7         1940         16" OC               100         .080         1.21         4.48         5.69         7.5           1950         24" OC       150         .053         .80         2.99         3.79         5.2           1970         16" OC       115         .070         1.76         3.90         5.66         7.6           1970         16" OC       95         .084         1.32         4.72         6.04         8.3           1980         24" OC       140         .057         .88         3.20         4.08         5.6           3000         Z Furring, walls, 1" deep, 25 ga., 24" OC         350         .023         1.35         1.28         1.63         2.2           3010         48" OC         700         011         1.7         .64         .81  <									2.72	3.76
1800         24" OC               305 .026         .35         1.47         1.82         2.5         1920         7/8" hat channels with sound isolation clips, 12" OC               125 .064         1.61         3.58         5.19         7         1940         16" OC               100 .080         1.21         4.48         5.69         7.5         1950         24" OC       150 .053         .80         2.99         3.79         5.6         1970         16" OC       95 .084         1.32         4.72         6.04         8.3         1980         24" OC       140 .057         .88         3.20         4.08         5.6         3000         Z Furring, walls, 1" deep, 25 ga., 24" OC               350 .023         .35         1.28         1.63         2.2         3010         48" OC               345 .023         1.66         1.30         2.96         3.7         3020         1-1/2" deep, 24" OC               345 .023         1.66         1.30         2.96         3.7         3030         48" OC               695 .012         .83         .64         1.47         1.8         3040         2" deep, 24" OC               3			1			;	.53	1.87	2.40	3.31
1920         7/8" hat channels with sound isolation clips, 12" OC               125   .064         1.61         3.58         5.19         7         1940         16" OC               100   .080         1.21         4.48         5.69         7.5         1950         24" OC       150   .053         .80   2.99         3.79         5.6         1970         1-5/8" hat channels, galvanized, 12" OC       115   .070         1.76   3.90         5.66         7.6         1970         16" OC       95   .084         1.32   4.72         6.04         8.3         1980         24" OC       140   .057         .88   3.20         4.08         5.6         3000         Z Furring, walls, 1" deep, 25 ga., 24" OC       350   .023         .35   1.28         1.63         2.2         3010         48" OC       700   .011         .17   .64         .81         1.3         3020         1-1/2" deep, 24" OC       345   .023         1.66         1.30         2.96         3.3         3030         48" OC       340   .024         2   1.32         3.32         4.1         3040         2" deep, 24" OC       340   .024         2   1.32         3.32         4.1         3050         48" OC					.026		.35	1.47	1.82	2.53
1940   16" OC   100 .080   1.21   4.48   5.69   7.51   1950			11				1.61		5.19	7
1950       24" OC       150 .053       .80			1		.080		1.21	4.48	5.69	7.90
1960       1-5/8" hat channels, galvanized, 12" OC       115       .070       1.76       3.90       5.66       7.6         1970       16" OC       95       .084       1.32       4.72       6.04       8.3         1980       24" OC       140       .057       .88       3.20       4.08       5.6         3000       Z Furring, walls, 1" deep, 25 ga., 24" OC       350       .023       35       1.28       1.63       2.2         3010       48" OC       700       .011       .17       .64       .81       1.1         3020       1-1/2" deep, 24" OC       345       .023       1.66       1.30       2.96       3.7         3030       48" OC       695       .012       .83       .64       1.47       1.8         3040       2" deep, 24" OC       340       .024       2       1.32       3.32       4.1         3050       48" OC       690       .012       1       .65       1.65       1.65       2.0					.053		.80	2.99	3.79	5.25
1970       16" OC       95 .084       1.32 4.72       6.04 8.3         1980       24" OC       140 .057       .88 3.20       4.08 5.6         3000   Z Furring, walls, 1" deep, 25 ga., 24" OC       350 .023   .35 1.28   1.63   2.2         3010   48" OC       700 .011   .17 .64   .81   1.1         3020   1-1/2" deep, 24" OC       345 .023   1.66   1.30   2.96   3.7         3030   48" OC       695 .012   .83 .64   1.47   1.8         3040   2" deep, 24" OC       340 .024   2   1.32   3.32   4.1         3050   48" OC       690 .012   1 .65   1.65   2.0				115	.070		1.76	3.90	5.66	7.65
1980       24" OC       140 .057       .88 3.20       4.08 5.6         3000   Z Furring, walls, 1" deep, 25 ga., 24" OC         350 .023   .35   1.28       1.63   2.2         3010   48" OC         700 .011   .17   .64   .81   1.3         3020   1-1/2" deep, 24" OC         345 .023   .166   1.30   .296   3.7         3030   48" OC         695 .012   .83   .64   .47   1.8         3040   2" deep, 24" OC       340 .024   2   1.32   .32   .32   4.1         3050   48" OC       690 .012   1   .65   .165   .165   2.0									6.04	8.35
3000       Z Furring, walls, 1" deep, 25 ga., 24" OC       350 .023       .35 1.28       1.63 2.2         3010       48" OC       700 .011       .17 .64       .81 1.1         3020       1-1/2" deep, 24" OC       345 .023       1.66 1.30       2.96 3.7         3030       48" OC       695 .012       .83 .64       1.47 1.8         3040       2" deep, 24" OC       340 .024       2 1.32       3.32 4.1         3050       48" OC       690 .012       1 .65       1.65 2.0					.057			3.20	4.08	5.65
3010   48" 0C   700 .011   .17 .64   .81   1.1   .3020   1-1/2" deep, 24" 0C   345 .023   1.66   1.30   2.96   3.7   .3030   48" 0C   695 .012   .83 .64   1.47   1.8   .3040   2" deep, 24" 0C   340 .024   2 1.32   3.32   4.1   .3050   48" 0C   690 .012   1 .65   1.65   2.0   .3050   .012   1 .65   1.65   2.0   .3050   .012   1 .65   .3050   .012   1 .65   .015   .				350	.023		.35	1.28	1.63	2.25
3020     1-1/2" deep, 24" OC     345 .023   1.66   1.30   2.96   3.7       3030   48" OC     695 .012   83   .64   1.47   1.8       3040   2" deep, 24" OC     340 .024   2   1.32   3.32   4.1       3050   48" OC     690 .012   1   .65   1.65   2.0								.64	.81	1.12
3030 48" 0C 695 .012 83 .64 1.47 1.8 3040 2" deep, 24" 0C 340 .024 2 1.32 3.32 4.1 3050 48" 0C 690 .012 1 .65 1.65 2.0			i				1.66	1.30	2.96	3.73
3040     2" deep, 24" 0C     340 .024     2 1.32     3.32 4.1       3050     48" 0C     690 .012     1 .65     1.65     2.0								.64	1.47	1.85
3050 48" OC 690 .012 1 .65 1.65 2.0				340	.024		2	1.32	3.32	4.11
			5 <b>1</b>		.012		1	.65	1.65	2.05
3060 1" deep, 20 ga., 24" OC 350 .023 2.36 1.28 3.64 4.4			ŧ	350	.023		2.36	1.28	3.64	4.47
0000 1 doop, 20 ga., 21 00										2.23
10 00						. 11			5.20	6.20
0000 1 11/2 ddop, 21 00										3.08
10 00										5.60
2 000, 2, 00										2.78
							<u> </u>			320