USEFUL HINTS.

The editor of the *Engineering and Building Record*, in reply to a correspondent, who asks whether there is any danger that cinders, used for filling in between iron floor beams, will corrode the metal, thinks that there is "much danger" in placing either cast or wrought iron, but particularly wrought iron, in contact with cinders, if there is any moisture present. He thinks that the corrosive effect which has been observed depends upon the formation of sulphuric acid from the sulphur compounds almost always present in the cinders of soft coal, such as is commonly used by architects for filling, and that it would be safer, either to find some other material for the purpose, or to plaster the beams with cement before placing the cinders between them.

What middle tints are to a landscape, the due proportion of neutral tints is to decoration, these not excluding primary hues. In nature we find leaflets varying from brown and red to deep rose color. Mark that the pale blue finds its way by a thousand small high lights more or less subdued into leaves, twigs, branches, and stems. These almost insignificant lights have no small share in toning the whole and connecting part with part. Leaflets are not to be represented solely by bright, pale green, for each leaflet, bright as its local color, is half in shade, caught by the tiny fur on its surface, and many are toned down by half shadows. The general tone is therefore much subdued.

The process of making enameling for bricks used in England and Germany is described as follows: One hundred and fifty parts fluorspar, sixty parts Paris white, fifty parts lime, fifty parts oxide of tin and fifty parts kaolin. These ingredients are pulverized and triturated to an impalpable powder, and reduced to a homogeneous mass, which is calcined in a crucible. After it has cooled it is again reduced to a powder. Water is added and the mass is ground to a consistency of cream. The portion of the brick to be enameled is then dipped into it and the brick submitted in the fire clay cases to a heat which fuses the enameling compound. A black enamel is produced by adding to the ingredients mentioned above black oxide of cobalt, black oxide of manganese, and umber, previous to the pulverizing and calcining. Blue enamel can be made by adding black oxide of cobalt; green by adding sub-oxide of copper; red by adding sub-oxide of copper and red oxide of iron.

The Richmond Slate Quarrying and Manufacturing and Asbestos Company has been incorporated at Richmond, Que., with a capital stock of $150,000, for the purpose of quarrying and manufacturing slate and products of slate, and of pottery, clay, asbestos, and other minerals.

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.

1¼ and thicker clear picks, Am. ins..	$30 00@	32 00
1¼ and thicker, three uppers, Am ins.		37 00
1¼ and thicker, pickings, Am ins.....		27 00
1 x 10 and 12 dressing and better.....	18 00	20 00
1 x 10 and 12 mill run.....	13 00	14 00
1 x 10 and 12 dressing.....	14 00	16 00
1 x 10 and 12 common.....	12 00	13 00
1 x 10 and 12 spruce culls.....	10 00	11 00
1 x 10 and 12 maple culls.....		9 00
1 inch clear and picks	28 00	30 00
1 inch dressing and better.....	18 00	20 00
1 inch siding, mill run.....	14 00	16 00
1 inch siding, common.....	11 00	12 00
1 inch siding, ship culls.....	$10 00	$11 00
1 inch siding, mill culls.....	8 00	9 00
Cull scantling.....	8 00	9 00
1¼ and thicker cutting up plank	22 00	25 00
1 inch strips, 4 in. to 8 in. mill run....	14 00	15 00
1 inch strips, common.....	11 00	12 00
1¼ inch flooring.....	14 00	15 00
1½ inch flooring.....	14 00	16 00
XXX shingles, sawn.....	2 30@	2 35
XX shingles, sawn.....	1 30	1 35

1424 Notre Dame Street
Montreal. October 14th 1890

C. H. Mortimer Esq.
Pub'r Canadian Architect & Builder
and Contract Record.

Dear Sir.

I have to inform you, that the following resolution was unanimously adopted, at the First Annual Meeting of the Province of Quebec Association of Architects held in Montreal on 10th & 11th inst.:-

Moved by M. Perrault. Seconded by A. T. Dunlop.

Be the Architects of the Province of Quebec now assembled in convention being satisfied that the Canadian Contract Record affords us a direct communication with the contractors. Resolved: That we pledge our support to it by using its columns when calling for tenders.

Yours truly
C. Clift
Secretary.

Metallic Roofing Co.:	
Heavy Eastlake galvanized steel shingles, per square.....	5 75
Light Eastlake galvanized steel shingles, per square.....	5 25
Heavy Eastlake painted steel shingles, per sq.....	4 00
Light Eastlake Painted steel shingles, per square ..	3 75
Tower or Mansard galvanized steel shingles, per sq.....	6 25
Tower or Mansard painted steel shingles, per sq.....	4 50
Terra Cotta painted steel Tile, per sq.	7 00
Eastlake painted steel siding, per sq..	3 50
Manitoba galvanized, steel siding, per square.....	4 75
Heavy Manitoba painted steel siding	3 50
Light Manitoba painted steel siding	3 25
Heavy sheet steel pressed brick..	3 50
Light sheet steel pressed brick.....	3 25
Painted crimped steel, siding or ceiling	3 50
Price of Copper shingles according to weight.	
Canada Galvanizing & Steel Roofing Co.:	
Corrugated Iron, galvanized, 26 W.G., per lb.....	5 cts.
Corrugated Iron, galvanized, 28 W.G.,	5¼
Corrugated Iron, painted, 26 W. G., per square.....	4 00
Corrugated Iron, painted, 28 W. G.,	3 50
Broad Rib Roofing, galvanized, per square.....	5 50
Broad Rib Roofing, painted.....	4 00
Westlake shingles, steel, galvanized, per square.....	5 00
Westlake shingles, steel, painted	3 50
Standard shingles, "Walter's patent," galvanized, per square.....	5 50
Staddard shingles, "Walter's patent," painted.....	4 00
Northwestern steel siding, patented, per square.....	3 50
Metallic Finish Brick, per square....	3 25
Metallic Finish Clapboard, per square	3 50

YARD QUOTATIONS.

Mill cull boards and scantling.....		10 00
Shipping cull boards, promiscuous widths.....		13 00
Shipping cull boards, stocks.....		14 00
Hemlock cantling and joist up to 16 ft.	11 00	12 00
" " " 18 "	12 00	13 00
" " " 20 "	13 00	14 00
Scantling and joist, up to 16 ft.....		14 00
" " 18 ft.....		15 00
" " 20 ft.....		17 00
" " 22 ft.....		19 00
" " 24 ft.....		21 00
" " 26 ft.....		23 00
" " 28 ft . .		25 00
" " 30 ft.....		27 00
" " 32 ft.....		27 00
" " 34 ft.....		29 50
" " 36 ft.....		31 00
" " 38 ft.....		33 00
" " 40 to 44 ft..		36 00
Cutting up planks, 1¼ and thicker, dry	25 00	26 00
" " board,	18 00	22 00
Cedar for block paving, per cord.....		5 00
Cedar for Kerbing, 4 x 14, per M.....		14 00
B. M.		
1¼ inch flooring, dressed, F. M.	28 00	31 00
1¼ inch flooring rough, B. M.....	18 00	22 00
1¼ " dressed, F. M....	25 00	26 00
" undressed, B. M...	18 00	19 00
" dressed.....	18 00	22 00
" undressed	12 00	15 00
Beaded sheeting, dressed	22 00	35 00
Clapboarding, dressed.....		18 00
XXX sawn shingles, per M, 16 in....	2 65	2 75
Sawn lath.....	2 00	2 20
Red oak.....	30 00	40 00
White.....	35 00	45 00
Basswood, No. 1 and 2.....	18 00	20 00
Cherry, No. 1 and 2.....	70 00	70 00
White ash, No. 1 and 2.....	25 00	25 00
Black ash, No. 1 and 2.....	20 00	30 00
Dressing stocks.....	16 00	22 00
Picks, American inspection.....		40 00
Three uppers, American inspection....		50 00
BRICK—₱ M		
Common Walling.....		$7 50
Good Facing		9 00
Sewer.....	8 50	9 00
Pressed Brick:		
Plain brick, f. o. b. at Milton, per M...		$18 00
" " 2nd quality, per M.....		14 00
" " 3rd " "		10 00
Hard Building.....		8 00
Moulded and Ornamental, per 100.....	$3 to	10 00
Roof Tiles.....		24 00
First quality, f.o.b. at Campbellville, per M		18 00
2nd " " " "		14 00
3rd " " " "		11 00
Hard Building..		8 00
Ornamental, per 100.....	$3 to	10 00
Tiles.....		24 00
Stone.		
Common Rubble, Per Toise, delivered		14 00
Large flat " " "		18 00
Foundation Blocks, " Cubic Foot..		
Slate: Roofing (₱ *square*).		
" red.....		18 00
" purple.....		9 00
" untading green.....		9 00
" black slate.....		7 50
Terra Cotta Tile, per sq.....		25 00
Ornamental Black Slate Roofing..		8 00
Sand:		
Per Load of 1½ Cubic Yards.....		1 5
PAINTS. (*In oil, ₱ lb.*)		
White lead, Can.....	6 25	6 50
" zinc, Can.....	6½	7 50
Red lead, Eng.....	5½	6¼
" venetian.....	1 60	1 75
" vermillion.....	90	1 00
" Indian, Eng.....	10	12
Yellow ochre..	5	10
Yellow chrome.....	15	20
Green, chrome...	7	12
" Paris.	25	40
Black, lamp.....	15	25
Blue, ultramarine.....	15	25
Oil, linseed, raw (*Imp. gallon*)..	68	70
" " boiled "	72	75
" " refined, "	78	80
Putty.....	2¼	2½
Whiting, dry.....	75	1 00
Paris white Eng., dry.....	90	1 25
Litharge, Am.....	6½	8
Sienna, burnt.....	15	20
Umber, "	8¼	12
CEMENT, LIME, etc.		
Lime, Per Barrel of 2 bushels, Grey..		40
" " " White		55
Plaster, Calcined, New Brunswick..		2 00
" " Nova Scotia		2 00
Hair, Plasterers', per bag.....		1 00
Cement, Portland, per bbl..	2 80	3 00
" Thorold, "		1 50
" Queenston, "		1 50
" Napanee, "		1 50
" Hull, "		1 50
HARDWARE.		
Cut Nails:		
American Pattern, 1¼ inch, per keg....		4 15
" " 1½ to 1¾ inch, per keg		3 40
Canadian Pattern, 1¼ inch, per keg...		3 65
" " 1½ to 1¾ inch, per keg		3 15
" " 2 to 2½ inch, "		2 15
" " 2½ to 2¾ inch, "		2 90
" " 3 inch and larger.....		2 65
Steel nails 10c. per keg extra.		
Finishing nails, 1 inch, per keg.....		5 75
" " 1¼ inch, "		5 05
" " 1½ " "		4 50
" " 1¾ " "		4 20
" " " and larger....		3 15