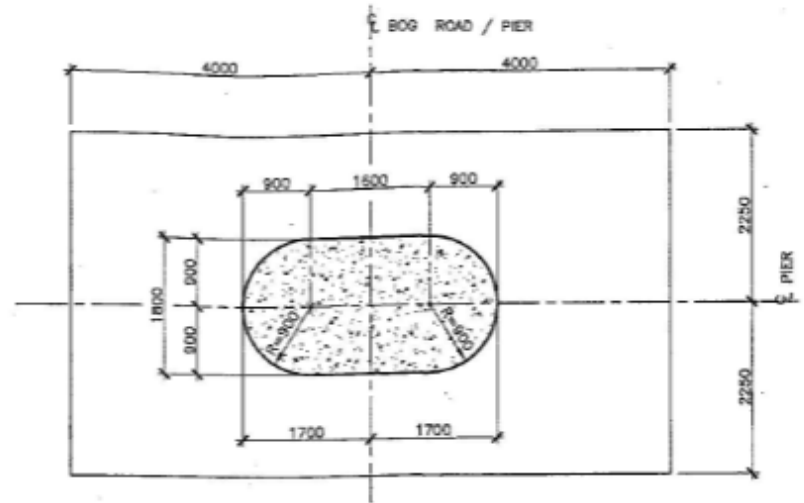


**PIER ELEVATION**

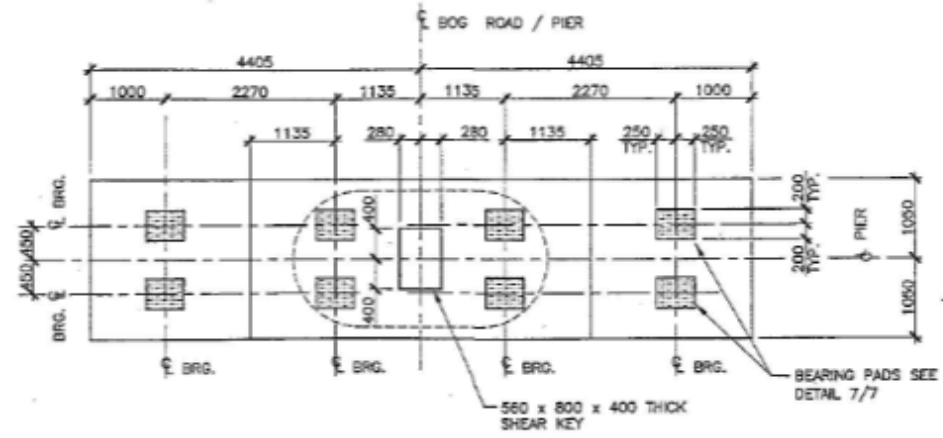
1:50



**A SECTION (PIER FOOTING PLAN)**

5

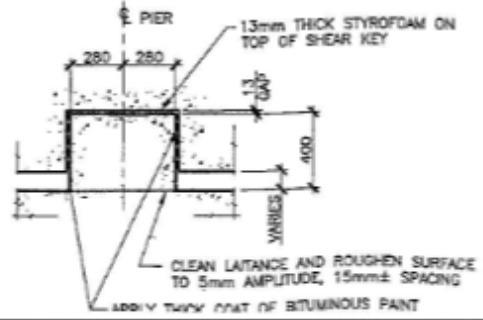
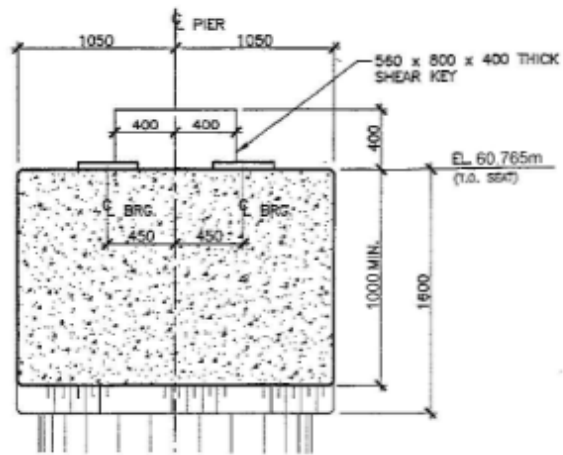
1:50



**B SECTION (PIER TOP PLAN)**

5

1:50



**PIER NOTES:**

1. FINAL APPROVED BEARING SURFACE TO BE CONFIRMED BY THE GEOTECHNICAL ENGINEER. FINAL ELEVATION TO BE REPORTED TO THE ENGINEER PRIOR TO CASTING CONCRETE.
2. COLUMNS AND PIER CAP TO BE STEEL FORM FINISH.

# Concrete Prices

2012

For Contractors and Developers

Valid May 1, 2012

HST is extra.

Strength	Price per cubic meter
15 MPa	\$141.92
17.5 MPa	\$149.11
20 MPa	<del>\$155.98</del>
25 MPa	\$161.21
28 MPa	\$165.79
30 MPa	\$171.02
32 MPa	\$172.98
35 MPa	\$184.10
38 MPa	\$189.33
40 MPa	\$197.18
20 MPa Grout	\$176.91
28 MPa Grout	\$186.72
35 MPa Grout	\$205.03
Unshrinkable Fill	\$117.72

## Additional Charges

3/8 in. Aggregate	\$13.73/cubic meter
1/2 in. Aggregate	\$9.81/cubic meter
1/2 Exposed Aggregate	<del>\$22.24/cubic meter</del>
1% Calcium (S.A.)	\$4.58/cubic meter
2% Calcium (S.A.)	\$9.16/cubic meter
Superplasticizer	\$18.31/cubic meter
Mid-Range	\$10.46/cubic meter
Fibermesh	\$17.00/cubic meter
Saturday Opening	\$250.00 LS
Sunday Opening	\$450.00 LS

## Underload Charges

Under 1.53 CM	\$75.00 LS
Under 3.06 CM	\$55.00 LS
Spring Weight Restriction	\$11.12/cubic meter



## Price Lists

» Concrete, Imperial

» Concrete, Metric

Small Jobs

Foundations

Materials Supply

Quick Links

**Pumping Charges**

**30 meter**

Hourly Rate	\$160.00 ✱
Volume Charge	\$6.54/cubic meter
Minimum Charge	\$425.00 LS

**Pumping Charges**

**40 meter**

Hourly Rate	\$210.00
Volume Charge	\$6.54/cubic meter
Minimum Charge	\$500.00 LS

**Winter Heat**

November 15th-April 30th	\$10.46/cubic meter
--------------------------	---------------------

Top of Page ^



ASPHALT



READY MIX CONCRETE



FOUNDATIONS



SMALL JOBS



WATER AND SEWER



SNOW REMOVAL



OUR TEAM

Trade: **Carpenter**

Location: HRM

Period:

By: KYT

Date:

	<u>Regular</u>	<u>Foreman</u>
Basic Rate:	\$ 34.72	\$ 34.72
Skills or Foreman Premium:		\$ 3.45
Vacation/Holiday Pay: 8%	\$ 2.78	\$ 3.05
<b>1) Rate for calculating Statutory Benefits:</b>	<b>\$ 37.50</b>	<b>\$ 41.22</b>
<b>2) Other Negotiated Benefits</b>		
a) Health	\$ 2.25	\$ 2.25
b) Pension	\$ 5.62	\$ 5.62
c) Industry	\$ 1.03	\$ 1.03
<b>3) Statutory Benefits</b>		
a) Canada Pension 5.45%	\$ 2.04	\$ 2.25
b) Employment Insurance 1.58%	\$ 0.59	\$ 0.65
c) Workers Compensation 5.85%	\$ 2.19	\$ 2.41
<b>A) TOTAL HOURLY COST TO EMPLOYER</b>	<b>\$ 51.23</b>	<b>\$ 55.43</b>

**B) COMPOSITE RATE CALCULATIONS**

Crew Complement: 1 Foreman plus 5 Carps

No.	trade/skill	foreman	rate/hr	cost/hr
1	Foreman		\$ 55.43	\$ 55.43
5	Carp		\$ 51.23	\$ 256.14
Total Cost per Crew-Hour				\$ 311.57

Composite Rate = \$ 311.57 Divide by 6 equals **\$ 51.93 per Hr**

**LABOUR RATE CALCULATIONS**

Trade: **Labours**

Location: HRM

Period:

By: KYT

Date:

		<u>Regular</u>	<u>Foreman</u>
Basic Rate:		\$27.69	\$27.69
Skills or Foreman Premium:			\$2.00
Vacation/Holiday Pay:	8%	\$2.22	\$2.38
<b>1) Rate for calculating Statutory Benefits:</b>		\$29.91	\$32.07
<b>2) Other Negotiated Benefits</b>			
a) Health		\$2.55	\$2.55
b) Pension		\$6.82	\$6.82
c) Industry		\$0.85	\$0.85
<b>3) Statutory Benefits</b>			
a) Canada Pension	5.45%	\$1.63	\$1.75
b) Employment Insurance	1.58%	\$0.47	\$0.51
c) Workers Compensation	5.85%	\$1.75	\$1.88
<b>A) TOTAL HOURLY COST TO EMPLOYER</b>		\$43.98	\$46.42

**B) COMPOSITE RATE CALCULATIONS**

Crew Complement: 1 Foreman  
plus 5  
labourers

No.	trade/skill/foreman	rate/hr	cost/hr
1	Foreman	\$46.42	\$46.42
5	Labourer	\$43.98	\$219.88
	Total Cost per Crew-Hour		\$266.30

Composite Rate = \$266.30 Divide by 6 equals **\$44.38 per Hr**

**Sheet 4: Conc Pricing**

**PROVIDE A HAND-WRITTEN BACKUP (Calculation) for each Recap item below (\$/Takeoff Unit)**

conversions: 1.30795 CY/m3 1.30795061931439  
10.7639 sf/m2 10.7639104167097

**LABOUR COST**

Concrete Placing (LABOURS) \$44.38

Building Element	CREW Productivity			
	CREW Productivity	mh / unit	\$\$ / Unit imperial	\$\$ / Unit metric
Strip Footings	150 yd3/Day	0.32 mh/yd3	\$14.20 \$/yd3	\$18.58 \$/m3
Pad Footings	100 yd3/Day	mh/yd3	\$/yd3	\$/m3
Columns	85 yd3/Day	mh/yd3	\$/yd3	\$/m3
Pier Cap (Placing)	160 yd3/Day	mh/yd3	\$/yd3	\$/m3
Pier cap/Bearing pad (Finishing)	500 sf/day	mh/sf	\$/sf	\$/m2
Sealer	15000 sf/day	mh/sf	\$/sf	\$/m2

mh = manhours  
Crew used as per Lab Rate (1 foreman plus 5 labs)

1 Day = 8 Hours

Concrete Formwork (CARPENTERS) \$51.93

Building Element	CREW Productivity (3 uses)			
	Make/Erect/Strip	mh / sf (3 Uses)	\$/sf	\$/m2
Pad Footings	-	0.03	\$1.56	\$16.77
Columns	-	0.05		
Pier Cap (Sides)	-	0.08		
Pier Cap (Soffit)	-	0.23		
Shear Key	-	5	each \$259.64	\$259.64

# MATERIAL COST

Concrete pricing as per OCEAN Price

All Concrete to be 35 Mpa

Add to base price 2% Calcium

Superplasticizer

\$- m3

All CONCRETE to be Pumped with the Ocean  
30 Meter Pump (Pump rate is 17 m3/hr)

Pump Hourly Charge \$160.00 per m3

Volume Charge \_\_\_\_\_ per m3

\$- per m3

Other material costs:

Building Element		Material Cost
		Formwork \$ / sf
Strip Footings	sf	\$1.38
Pad Footings	sf	\$1.58
Columns	sf	\$3.38
Pier Cap (Sides )	sf	\$2.48
Pier Cap (Soffit )	sf	\$5.50
Sealer	sf	\$1.43
Shear Key	each	\$600.00

10.76 sf/m2

\$ \$ / m2
\$14.85

Addendum SEALER

5 Gals



\$-



300 sf/ gal



Quantities by:  
 Prices by:  
 \_\_\_\_\_  
 Extensions by:  
 \_\_\_\_\_

Chkd. by:  
 \_\_\_\_\_  
 Chkd. by:  
 \_\_\_\_\_  
 Chkd. by:  
 \_\_\_\_\_

Date: \_\_\_\_\_  
 Page: \_\_\_\_\_ / \_\_\_\_\_

Quantity	Unit	Description	Labour Unit	Material Unit	Labour \$	Material \$
					0	0
	m3	Concrete				
	m3	Concrete Waste 5%				
	m3	Pumping				
		<u>Concrete: Place/Pour/Finish</u>				
	m3	Pier Footing				
	m3	Pier Column				
	m3	Pier cap				
		<u>Concrete Formwork</u>				
	m2	Pier Footing				
	m2	Pier Column				
	m2	Pier Cap (Sides)				
	m2	Pier Cap (Soffit)				
		<u>Concrete Finishes</u>				
	m2	All Sealer				
	m2	Bearing Pads/Pier Cap Surface				
	pcs	Shear Key				
					0	0
					0	0
Subtotals:					\$0	\$0
<b>TOTAL COST:</b>					<b>\$0</b>	