pdh estimating - residential costing services

owner builders construction guide

copyright - pdh estimating - june 2004

introduction...

this is a general guide for the owner builder to help in the construction of their own home. It must be stated from the very outset that this can be a complicated task, especially for those who have not ventured down this path before, however, this will not deter the owner builder from attempting to do so, which is why we have put this simple guide together.

owner builders can save money but this comes at a cost - and that cost is time - because owner builders have to do the work of a registered builder, making lots of telephone calls, scheduling trades and then rescheduling them when they cancel and so forth. Owner builders need to be on site to unlock doors for deliveries, or allow tradesmen to enter the locked up residence. This takes time, so please allow yourself plenty of time to build your residence.

a general guide only...

homes today come in a myriad of styles and sizes, so attempting to put together a guide for the owner builder is not an easy task. Please be advised that this is a **guide only** and should not be taken as the most accurate method for the construction of your residence, let me explain this further, if your proposed residence uses lightweight cladding in preference to brickwork then you have no need to complete **sections 10** or **20** in the following construction program. If your home has a special feature like a swimming pool or water feature, then you will notice that there are no sections for these works and you should organise with the suppliers or trades as to when they should be installed - **remember this is a guide only.**

builder loyalty...

owner builders need to be aware of the fact that trades people, in most instances, are loyal to the builder who will provide continual work throughout the year. You only require their service once, so be prepared for the inevitable fact that once you have a tradesperson booked, you may receive a call informing you that they cannot turn up today as they have another job to finish.

make sure you allow at least 2 spare days in the week to compensate for this, don't book all your trades one day after the other, as you might have to spend an entire day re-scheduling the next trades - only to find they cannot come for several days or even weeks, so allow yourself ample time to build your residence.

ordering materials and trades...

this is a very important point, some people think you can pick up the phone and order some

bricks for delivery the next day, nothing could be further from the truth. Because of the buoyant housing market, suppliers find it difficult to keep up with the demands of the industry, so please pre-order your building supplies & trades around 6 weeks before you require them, and if the materials come early, ask the supplier to hold them until they are required.

always be prepared in advance, do not keep trades waiting for materials - order ahead!



how to complete the construction program...

the construction program will guide you through the organisational process of building your own home. Please read the following guide carefully to ensure you complete the program correctly.

set out below is an example of the program with each section explained in detail.

а 	b	C		f		eel	۲1		,	we	ek 2	2		w	eel	k 3			we	ek 4
se	ction	insert date - wee	k end	ding	m	_	W	t	f	n	t w	' t	f	m	t	w	t	f	m	t
1	contractor	trade/task estimated time - 1 da	/ p	roposed															Ī	
	home owner	site signage		actual																
2	contractor	trade/task estimated time - 1 da	/ р	roposed													П		I	
	hire co	site toilet & temporary fencing		actual						Т		Г	Т		Г	П	П		Т	
3	contractor	trade/task estimated time - 1 da	/ р	roposed						Т			T				П		T	
	excavator	clear & level site		actual						T	T	T	1		Г	П	П	П	T	
4	contractor	trade/task estimated time - 1 da	/ р	roposed						Т							П		T	
	surveyor	set out		actual						T	T	L				П	П	П	T	
5	contractor	trade/task estimated time - 2 day	р	roposed													П		T	
	plumber	sub floor sewer & water tapping		actual			- 4			4						П	П		Т	7
6	contractor	trade/task estimated time - 2 day	р	roposed				K	1	V									Ī	
	excavator	dig foundations		actual															I	

a - sections...

each successive trade or task is given in numerical order - remember some trades may not be required for your project whereas other trades or tasks may need to be added

b - contractor...

this is the tradesperson, supplier or even yourself who is responsible for this particular section of works to be completed

c - trade/task...

what work is required by the contractor to complete that section of works - refer to the definition section following the program for a more detailed description of each trade/task

d - estimated time...

the average required time for each trade/task to be completed, based on a average 20 square home, so make sure you allow more time if you home is larger or more complicated

e - proposed versus actual...

the "proposed" line is where we enter the expected date of the particular works to be completed, the "actual" line is where you enter the date the works were completed

f - week ending...

enter the week ending date in this field, being the friday of each week

an example...

as you can see from the above example, we have booked in the excavator (section 3) for thursday of that particular week by blocking in that proposed date with a pen of highlighter, you may then receive notice that the excavator cannot complete the works until the next day, so we then enter the "actual" date that the excavator arrived, being the friday.

you can then adjust the remainder of the program accordingly, this is the reason we allow a couple

of spare days a week in the programming of trades.

you do not need to book in <u>all</u> the trades prior to construction, (after all who can guarantee they can work in 6 months time) so just book the trades or suppliers around 6 weeks before required.



pdh estimating - construction program - page 1 - to be read in conjunction with the owner builders guide & definitions

				week 1	WE	eek 2	wee	ek 3	week	4	week :	5 v	week 6	we	ek 7	weel	k 8	week	9	week	10	week 11	w	eek 12	we	ek 13	we	ek 14	week	15	week 16	wee	k 17	week 18	
	**	insert date - week	ending																				J									工			1
sec	tion	and the state of t		m t w	t f m	t w t	f m t	w t	fm t v	v t f	m t w	t fr	n t w	t f m	t w t	f m t	w t i	f m t v	v t f	m t w	/ t f	m t w	t f m	t w t	f m	t w t	f m	t w t f	m t w	v t f r	m t w t	f m t	w t f	m t w t	f
ľ	contractor home owner	trade/task estimated time - 1 day site signage	proposed actual	+++	+H	+H	++	+++	+++	+		+H	+H	+H	+H	-	\mathbb{H}	₩	+H	++	+	+++	+	+	+		Н	+++	₩	$+\!+\!+\!+$	+++	₩	+++-	HH	H
2	contractor	trade/task estimated time - 1 day	proposed	НН	+H	+	+	╁┼	₩	+H	+	╁┼	╁┼	+H	+	╁	HH	+++	+	H	+	+++	╁	+	H	++	H	+++	╁┼	╁┼	╁	$+\!\!+$	++	HHH	Н
Ī	hire co	site toilet & temporary fencing	actual	HH	111	111	##	ttt	111	111	$\pm t$	ttt	111	\pm	111	11	ttt	111	111	H	+	+++	11	$\pm \pm$	T	11	Ħ	$\pm \pm \pm$	ttt	+	+++	ĦĦ	ĦĦ	H	Н
3	contractor	trade/task estimated time - 1 day	proposed	Ш	T		T	tti	TIT		T	ĦĦ	TH	TH		T	ĦĦ	TII	TT	m	Ħ	Ш	T		T		П	TIT	TT	Ħ	TT	ΠT	ĦΤ	ПП	П
	excavator	clear & level site	actual																										Ш			Ш		Ш	П
4	contractor	trade/task estimated time - 1 day	proposed									Ш		Ш						Ш		Ш			П				Ш	Ш		ш	Ш	Ш	Д
_	surveyor	set out	actual	ш	ш	+	4	+++	444	44		+++	+ + +	+		4		444	+	Ш	+	ш	4		Ш		Ш	+++	#	$+\!\!+\!\!\!+\!\!\!\!+$	+++	#	Щ'	Ш	Н
5	contractor plumber	trade/task estimated time - 2 days sub floor sewer & water tapping	proposed actual	+++	+H	+H	+	+++	$+\!+\!+$	+		++1	++	+H		╂	H	$+\!+\!+$	+H	$\vdash\vdash\vdash$	+	+++	$+\mathbf{I}$	+	H		Н	+++	₩	+H	+++	₩	₩,	HHH	Н
6	contractor	trade/task estimated time - 2 days	proposed	НН	+H	+	+	╁┼	₩	+H	+	╁┼	╁┼	+H	+	╁	HH	+++	+	H	+	+++	╁	+	H	++	H	+++	╁┼	╁┼	╁	$+\!\!+$	++	HHH	Н
ľ	excavator	dig foundations	actual	HH	$\pm H$	+H	\pm	+++	+++	+	+	+ + +	+H	\pm	$\pm \pm \pm$	+	H	+++	11	H	+	HH	$+\mathbf{f}$	+	Ħ	+	H	+++	+++	+H	+++	H	HT		Н
7	contractor	trade/task estimated time - 1 day	proposed	Ш	T	##	#	ttt	111	TT	Ħ	ĦĦ	111	T		Ħ	ĦĦ	ĦĦ	TT	ĦĦ		ĦĦ	Tt	\pm	Ħ		Ħ	$\dagger\dagger\dagger$	TT	+	\top	ĦΤ	${\sf TT}$	ПП	П
	electrician	temporary power	actual					Ш				Ш				Ш													Ш	Ш	Ш	Ш		Ш	П
			inspection 1																																Ē
8	contractor	trade/task estimated time - 5 - 7 days	proposed				П									TI							TI		П				TTT	TII	TTT	П	ПТ	ППП	П
	concreter	pour slab & footings	actual	Ш		Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш					M 4		Ш				Ш	Ш	Ш	Ш	Ш	Ш	Ш	ш	П
			inspection 2															À																	ā
9	contractor	trade/task estimated time - 4 - 6 days	proposed				П									TI			M				TI		П				TTT	TII	TTT	П	ПТ	ППП	П
	carpenter	sub floor frame	actual																										Ш			Ш		Ш	П
10	contractor	trade/task estimated time - 5 - 6 days	proposed																						Ш		Ш		Ш	Ш		Ш		ш	П
	bricklayer	garage & base brickwork	actual	Ш	ш		44		444	ш	4	Ш		\bot		14				Ш	\bot	ш	4		Щ	44	ш	$\bot \downarrow \downarrow$	ш	Ш	444	Ш.	Щ.	Ш	4
11	contractor	trade/task estimated time - 8 days stick frame & steelwork	proposed actual	+++	+H	+H	+	+++	$+\!+\!+$	+		++1	++	+H		1	\mathbf{V}	++	+H	$\vdash\vdash\vdash$	+	+++	$+\mathbf{I}$	+	H		Н	+++	₩	+H	+++	₩	₩,	HHH	Н
12	carpenter contractor	trade/task estimated time - 5 - 6 days	proposed	нн	н	+H	++	+++	+++	+	+	╫	+++		4	1	₩	+++	+H	${\sf H}$	+	+++	╫	+	+	++	Н	+++	₩	$+\!+\!+$	┿	$+\!\!+\!\!+$	++		H
1	carpenter	prefabricated frame & steelwork	actual	HH	111	111	##	ttt	111	111	$\pm t$	ttt	* .	1		1	ttt	111	111	H	+	+++	11	$\pm \pm$	T	11	Ħ	$\pm t \pm$	ttt	+	+++	ĦĦ	ĦĦ	H	Ħ
			inspection 3									Å																							Í
13	contractor	trade/task estimated time - 1 day	proposed	ПП			TT	TII	TII	TII		114			ŤП	TI		TII	TT		TT	ПП	TT		П	TI		TII	$\overline{\Pi}$	$\overline{\Pi}$	$\overline{1}$	亓	亓	$\overline{\Pi}\overline{\Pi}$	Ā.
	hire co	safety rails for roofing	actual	H			11	ttt	111							T		111			11	H			Ħ		Ħ	111	ttt	$\dagger \dagger \dagger$	TTT	ПT	ĦĦ	ПП	П
14	contractor	trade/task estimated time - 2 days	proposed																										Ш	Ш		Ш			П
	roof plumber	metal fascia & gutters	actual	Ш	Ш				Ш					Щ						Ш		Ш	Ш		Ш		Ш		ш	Ш		Ш	$\coprod \coprod$	ш	Ц
15	contractor	trade/task estimated time - 3 days	proposed	$\sqcup \sqcup$	ш	+	44	+++	444		7	Н	411	+	+	4	Ш	$+\!+\!+$	+	Ш	\bot	Ш	╨	\bot	Ш		Ш	+++	₩	$+\!+\!+\!+$	444'	₩	Щ'	+++	Н
16	roof plumber	metal roof cladding trade/task estimated time - 5 days	actual	НН	+H	+H	₩	₩	₩	H		Н	+H	+H	+H	₩	Н	₩	₩	H	+	${}^{++}$	╫	+	₩	╂	Н	+	₩	₩	₩	₩	H+'	+++	Н
10	contractor roof tiler	trade/task estimated time - 5 days tiled roof & cappings	proposed actual	+++	+H	+H	+	$++\pm$	╁┼┼			╁┼	+H	+H		+	H	+++	+H	++	+	+++	$+\mathbf{F}$	+	+	++	Н	+++	╁┼┼	+H	+++	H +	+++'	H + H + H	Н
17	contractor	trade/task estimated time - 1 day	proposed	H	Ħ	+				+	+	++	+	+		##	ĦĦ	++	+	H	+	+++	Ħ	78	Ħ	##	Ħ	+++	++	+++	+++	+	++	HHH	Н
	carpenter	windows & entry door frames	actual	H		1			17			111	111	111		T		111			11	H			Ħ		Ħ	111	ttt	$\dagger \dagger \dagger$	TTT	ПT	ĦĦ	ПП	П
18	contractor	trade/task estimated time - 1 day	proposed																										Ш	Ш		Ш			П
	insulation co	sisalation	actual	Ш	Ш					Ш	Ш	Ш		Щ		Ш		Ш		Ш	Ш	Ш	Ш		Ш		Ш		ш	Ш	Щ	ш	Ш.	Ш	Ц
19	contractor	trade/task estimated time - 2 days	proposed	$\sqcup \sqcup$	ш			ш	444	Ш		ш	+	+	+	4	Ш	$+\!+\!+$	+	Ш	\bot	Ш	╨	\bot	Ш		Ш	+++	₩	$+\!+\!+\!+$	444'	₩	Ш'	+++	Н
00	hire co	scaffolding for bricklayers	actual	НН			77		₩	ш		₩	+	+H	+++	₩	ш	₩	+	ш	++	+++	₩		4	++	ш	+++	₩	₩	+++	₩	##	+++	4
20	contractor bricklayer	trade/task estimated time - 10 - 15 days remainder of residence	proposed actual	HH	1		++	╁┼	╁┼	+H	+	₩	+	+H	+H	+	H	+++	+	${\sf H}{\sf H}$	+	${\mathbb H}$	╫		+	+	Н	+++	╁┼┼	+H	+++	₩	H+	HH	Н
21	contractor	trade/task estimated time - 2 days	proposed	нн	+	1	++	++	++	+	+	++	+	+	+	+	H	++	+	H	+	+++	╁	+	Ħ	+	H	++	++	+	+++	$+\!\!\!+\!\!\!\!+$	++	HH	Н
Γ.	carpenter	lock up - internal	actual	\Box	11		11	111	111		$\pm \pm \pm$	111	111	11		11		111		++	11	+++			Ħ	11	Ħ	$\pm \pm \pm$	ttt	+++	+++	H	ĦĦ	H	П
22	contractor	trade/task estimated time - 2 - 4 days	proposed	Ш	T		#	ttt	111	TT	Ħ	ĦĦ	111	T		Ħ	ĦĦ	ĦĦ	TT	ĦĦ	11	ĦĦ	Tt	\pm	Ħ		Ħ	$\dagger\dagger\dagger$	TT	+	\top	ĦΤ	${\sf TT}$	ПП	П
	carpenter	lock up - external	actual	Ш		Ш	Ш	Ш	Ш	Ш		Ш	Ш	Ш	Ш	Ш		Ш		Ш	Ш	Ш	Ш		Ш		Ш		Ш	Ш	Ш	Ш	Ш	ш	
23	contractor	trade/task estimated time - 2 days	proposed	Ш	Ш	Ш	П	Ш	Ш	Ш		Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	Ш	П		П		Ш		Ш	Ш	Ш	П	Ш	ДШ	Д
_	plumber	rough in	actual	Щ	Ш	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	Щ	Ш	Ш	Ш	Щ	Ш	Ш	$+\!$	Ш	4	Ш	Ш	Ш	Ш	Щ	Ш	4	Щ	Ш	44	Ш	44	#	Щ	444	#	Щ'	+++	Ц
24	contractor	trade/task estimated time - 2 days	proposed	HH	+H	+H	+	++	$+\!\!+\!\!\!+$	+	$+\!\!+\!\!\!+$	+ + 1	$+\!+\!\!+\!\!\!+$	+H	+	4	Ш	₩	+H	${\sf H}$	+	HH	#	\square	$oldsymbol{\sqcup}$	+	Ш	+++	₩	$+\!\!+\!\!\!+\!\!\!\!+\!\!\!\!+$	+++'	$oldsymbol{H}$	##	HHH	Н
25	electrician	pre-wire tradeltask estimated time - 1 day	actual	₩	+H	+H	+	₩	₩	$+\!+\!1$	++	₩	+	╫	+	₩	₩	₩	+H	${\sf H}$	H	₩	₩	+	+	+	Н	+++	₩	$+\!+\!\!+\!\!\!+$	+++	₩	++	HHH	Н
25	contractor vacuum co	trade/task estimated time - 1 day ducted vac system - rough in	proposed actual		+H	+H	+	+++	₩	++1	++	╁┼╂	+++	╫	++	+	₩	₩	+H	++	${}^{\rm H}$	+++	₩	++	${\sf H}$	++	H	+++	₩	++1	+++	H +	++	H + H + H + H + H + H + H + H + H + H +	Н
		aasta tuo ojotomi lougii m	acidal	ш				ш		1.1	ш	1	\perp		\perp		$\perp \perp \perp$		\perp	ш		шш		\Box	ш	\bot	ш		للله	ш	لللك	للله	'للسل		ப

pdh estimating - construction program - page 2 - to be read in conjunction with the owner builders guide & definitions

				week 19	we	eek 20	we	ek 21	week	22	week	23	week 2	4 w	eek 25	w	eek 26	w	eek 27	W	eek 28	ı v	week 29	we	ek 30	we	ek 31	we	ek 32	we	ek 33	week	34	week	35	week	36
		insert date - week	ending	<u> </u>			Ц.		<u> </u>							4										Д.		Д,				Щ.		L.,		ㄴ	
sec	tion			m t w t	t f m	t w t	f m	t w t	f m t	w t f	m t	w t f	m t w	t f m	$t \mid w \mid t$	f m	t w t	f m	t w t	f m	t w	t f	n t w t	f m	t w t	f m	t w t	f m	t w t	f m	t w t	f m t v	w t f	m t	w t f	m t	w t f
26	contractor	trade/task estimated time - 1 - 2 days	proposed	Ш	Ш			Ш			Ш					Ш						Ш		Ш	Ш			Ш				Ш	Щ.	Ш	Ш		
	heating co	ducted heating/air con - rough in	actual	Ш																												Ш		Ш	Ш		
27	contractor	trade/task estimated time - 1 day	proposed	Ш							Ш				Ш	Ш		Ш				Ш		Ш		Ш		Ш		Ш		Ш	1	Ш	Ш	Ш	Ш
	insulation co	wall insulation	actual	ш	ш	4	44	+	ш		Щ	++1	+		Ш	Н	Ш	₩	Ш	44	ш	4	+	Ш	ш	4		Ш	-	Щ		Щ	4	ш	4	ш	Щ
28	contractor stair co	trade/task estimated time - 1 day internal staircase	proposed actual	₩	+H		+	+H	+		Н	+	+H			H	+++	₩	+++	H	$\vdash\vdash\vdash$	+	+++	Н	+	₩	++-	+H	+H	Н	+	$+\!\!+\!\!\!+$	++'	₩	$+\!\!+$	₩	$+\!\!+\!\!\!+\!\!\!\!+$
29	contractor	trade/task estimated time - 10 - 15 days	proposed	₩	+	++	+	+	+	+	H	$\pm \pm 1$	+	+	HH	H	+++	H	H	H	H	+	+++	H	+	+	+	H	+	H	+	+	$+\!\!+\!\!\!-$	₩	$+\!\!+$	H	+H
-	plaster co	wall & ceiling lining	actual	HH	Ħ	+	Ħ	+	+	+	H	+	+	\Box	HH	Ħ	H	Ħ	H	H	H	Ħ	+++	Ħ	+++	Ħ	+	H	+	Ħ	+	++	+	H	$+\!\!+$	H	+H
30	contractor	trade/task estimated time - 1 day	proposed	ПТ	Ħ	ĦĦ	Ħ	ĦĦ	ĦĦ		Ħ	TT	\pm	TT	ĦĦ	Ħ	ĦĦ	Ħ	ĦĦ	Ħ	Ħ	Ħ	+	Ħ	$\dagger \dagger \dagger$	Ħ	ĦĦ	Ħ	##	Ħ	##	##	T	Ш	+	m	т
	stair co	balastrading to staircase	actual	Ш																												Ш	Ш	Ш	Ш		Ш
31	contractor	trade/task estimated time - 3 - 4 days	proposed	ш							Ш					Ш						Ш				Ш						Ш	Ш	Ш	Ш	Ш	Ш
	flooring co	lay timber floors	actual	ш	ш	4	Щ	Ш	\bot		Щ	Ш	44			Щ		Щ	Ш	Ш		4	+	Ш	Ш	Щ	44	Ш		Щ		ш	Щ,	ш	4	ш	Щ
32	contractor cabinetmaker	trade/task estimated time - 2 days kitchen & bathroom cupboards	proposed actual	HH	ш	$+\!+$	${\sf H}$	+ + +	$+\!\!+\!\!\!+\!\!\!\!+$	+	Н	+	+H	+	₩	H	₩	+	₩	+		1	\square	Н	$+\!+\!+\!+$	Н	++	Н	+	Н	+H	$+\!\!+\!\!\!+$	++'	₩	+	H	$+\!\!\!+\!\!\!\!+\!\!\!\!\!+$
33	contractor	trade/task estimated time - 1 day	proposed	₩	+H	++	$+\!\!+$	+++	+	+	Н	+	+H	+	H	H	₩	+	₩	╫		+		Н	+++	${f H}$	+	${f H}$	+H	${\sf H}$	+++	$+\!\!+\!\!\!+$	$+\!\!+$	₩	++	₩	$+\!\!+\!\!\!+\!\!\!\!+$
33	brick cleaner	clean external brickwork	actual	нн	H	++	H	++	+	+	H	+	+H	+	H	H	++	H	H		H.	¥	1	H	+H	H	+	H	+	H	+	$+\!\!+\!\!+$	$+\!\!\!+\!\!\!\!+$	₩	+	H	+H
34	contractor	trade/task estimated time - 5 - 15 days	proposed	т	Ħ	\top	Ħ	111	TT	\top	H	+	+	$\top t$	ĦĦ	Ħ	HT		М	11		1		Ħ	Ħ	Ħ	+	Ħ	+	Ħ	+	++	+	H	+	H	+
L	renderer	external rendering	actual	Ш	Ш	Ш	Ħ		Ш	Ш	Ш	Ш		ш	Ш	Щ				M	Щ	븨	Ш	Ш	Ш		Ш	Ш	Ш		Ш		朮	Ш	ፗ	ш	丗
35	contractor	trade/task estimated time - 5 - 6 days	proposed	Ш														K				П										Ш	Ш		Ш	Ш	Ш
	carpenter	internal fixing	actual	Ш												Ш				•		Ш				Ш						Ш	<u> </u>	Ш	Ш	Ш	Ш
36	contractor	trade/task estimated time - 4 days	proposed	+++	Ш		ш	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	444	44	Ш		44	ш	Ш	ш	4	М.	М	Ш	ш	4	+++	Ш	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	Ш	44	Ш	44	ш	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	$+\!\!+\!\!\!+$	44'	ш	4	ш	Ш
07	tiler	lay wall & floor tiles	actual	₩	₩	4	4	₩	₩		Н	+H	+H						ш	++-	ш	+	+++	Н	+++	$oldsymbol{+}$	4#	ш	++-	$oldsymbol{H}$	+	₩	++	₩	++	ш	Ж
37	contractor painter	trade/task estimated time - 5 - 6 days internal Painting	proposed	╁┼	H		+	╁┼	+	+	Н		+H	+		N		4	H	H	H	╫	╁┼	H	+	+	╁	H	+	Н	+	₩	₩	H	++	₩	+H
38	contractor	trade/task estimated time - 2 days	proposed	₩	+	++	+	+	+	+	H	$\pm \pm 1$	+		+	н	H	H	H	H	H	+	+++	H	+	+	+	H	+	H	+	+	$+\!\!+\!\!\!-$	₩	$+\!\!+$	H	+H
	plumber	fit off	actual	ttt	11		11	111	111		H		•	4		H	ĦĦ	11	HH	Ħ	H	Ħ	+++	ш		Ħ	++	tt	++	H	111	$\pm \pm \pm$	+	Ш	+	ĦĦ	+
39	contractor	trade/task estimated time - 2 days	proposed	ПТ	Ħ	ĦĦ	Ħ	ĦĦ	ĦĦ		Ħ				M	T	ĦĦ	Ħ	ĦĦ	Ħ	Ħ	Ħ	+	Ħ	$\dagger \dagger \dagger$	Ħ	ĦĦ	Ħ	##	Ħ	##	##	T	Ш	+	m	т
	electrician	fit off	actual	Ш				Ш												Ш		П						Ш				Ш	Ш	Ш	Ш	Ш	Ш
40	contractor	trade/task estimated time - 1 day	proposed	Ш	Ш		Ш				Ш	•			ш	П	Ш	Ш				П		Ш		Ш		Ш		Ш		Ш	Ш	П	П	Ш	Ш
	vacuum co	ducted vac system - fit off	actual	ш	ш	4	Щ	Ш	\bot		Щ	4		7		Щ		Щ	Ш	Ш	ш	4	+	Ш	Ш	Щ	44	Ш		Щ		ш	Щ,	ш	4	ш	Щ
41	contractor heating co	trade/task estimated time - 1 day ducted heating/air con - fit off	proposed actual	₩	+	+		+H	+	+	Н	4	7	+	₩	H	₩	₩	$\vdash\vdash$	+	Н	+	₩	Ш	+H	Н	₩	₩	+	Ш	+	₩	++'	₩	#	₩	+H
42	contractor	trade/task estimated time - 1 day	proposed	₩	H	+	+	+++	+H	-		1		+	H	H	+++	H	++	+	H	+	+++	Н	+	+	+	H	+	Н	+	$+\!\!+\!\!+$	$+\!\!+\!\!\!+$	H	$+\!\!+\!\!\!+$	Н	$+\!\!\!+\!\!\!\!+\!\!\!\!+$
72	insulation co	ceiling insulation	actual	HH	+H	++	\pm	+++	\pm			1	+		++	H	+++	H	++	+	++	+	+++	H	+	+	++	H	+	H	+ + +	+++	$+\!\!+\!\!-$	₩	$+\!\!+$	H	+H
43	contractor	trade/task estimated time - 1 day	proposed	т	Ħ	\top	Ħ	111	TT	-		11	+	$\top t$	ĦĦ	Ħ	HT	Ħ	HH	Ħ	H	Ħ	+	Ħ	т	Ħ	+	Ħ	+	Ħ	+	++	+	H	+	H	+
	antenna co	install tv antenna	actual	M									11			Ħ	ttt		ttt	Ħ		Ħ		Ħ		Ħ		Ħ		П		TH	T	Ħ	77	m	TTT
44	contractor	trade/task estimated time - 1 day	proposed	Ш				И														П										Ш	Ш		Ш	Ш	
	garage door co	install garage door & remote	actual	Щ	Ш	Щ			Ш		Ш	Щ	Щ	Ш	Щ	Щ	Ш	Щ	Щ	Щ	Щ	Ц	\prod	Ш	Ш	Ш	Щ	Ш	Ш	Ш	Щ	Щ	44	Ш	4	ш	Щ
45	contractor	trade/task estimated time - 1 day	proposed	HH	+L $ $			W		+	Щ	+	$+\!\!+\!\!\!+\!\!\!\!+\!\!\!\!+\!\!\!\!\!+$	$oldsymbol{+}oldsymbol{+}$	HH	+	+++	+	Ш	+	Ш	+	+++	Ш	+	$oldsymbol{\sqcup}$	+	$oldsymbol{H}$	$+\!\!+\!\!\!+\!\!\!\!+$	Ш	$+\!\!+\!\!\!+\!\!\!\!+\!\!\!\!+$	44	4	H	$+\!\!+\!\!\!+$	₩	$+\!\!\!\!+\!\!\!\!\!+\!\!\!\!\!\!+$
46	glazier contractor	shower screens & mirrors trade/task estimated time - 2 days	actual	₩	Н		+		$+\!\!+\!\!\!+$	+	Н	$+\!+\!1$	+H	+	₩	H	₩	H	₩	+	₩	+	₩	Н	$+\!+\!+$	+	+	H	$+\!\!+\!\!\!+\!\!\!\!+$	Н	+H	₩	++	₩	+	${f H}$	$+\!\!+\!\!\!+\!\!\!\!+$
40	hire co	site clean	proposed actual	HH		-			+	+	Н	+	+H	$+\mathbf{F}$	₩	H	++	+	₩	+	${\sf H}$	+	+++	Н	+++	+	+	+H	+H	${\mathbb H}$	+++	$+\!+\!$	$+\!\!+\!\!\!+$	₩	++	₩	$+\!+\!\!+\!\!\!+$
47	contractor	trade/task estimated time - 2 - 3 days	proposed	НН	1	H	H	++	+	+	H	+	+H	+	${\sf H}{\sf T}$	H	ĦŦ	H	${\sf H}{\sf H}$	Ħ	H	Ħ	₩	H	++	Ħ	+	H	+	H	+++	$+\!\!+\!\!\!+$	+	H	+	H	$+\!\!+\!\!\!+$
1	concreter	paving & driveway	actual	HH			Ħ	111	TT	11	Ht	+	TTI		ttt	Ħ	HT	Ħ	IIII	Ħ	H	Ħ	111	Ħ	+	Ħ	TT	Ħ	TTT	Ħ	$\dagger \dagger \dagger$	111	11	H	\top	m	$\dagger \dagger$
48	contractor	trade/task estimated time - 3 - 4 days	proposed	Ш			◨								Ш	Ц	Ш	Ц	Ш	П		П		Ш	Ш		Ш	Ш					П	П	I	Ш	\coprod
	carpenter	veranda & pergola framing	actual	Ш									Ш				Ш		Ш			П	Ш									Ш	Т	Ш	Ш	Ш	Ш
49	contractor	trade/task estimated time - 4 days	proposed	ЦП	ЦП	ШΤ	Щ	\prod		\prod	Щ	\prod	\prod	Ш	ШΤ	П	Щ	П	Ш	Щ	Щ	П	\prod	Щ	$+\Pi$	Ц	Ш	Щ	Ш	Щ	Ш	Щ	${f T}$	Щ	$+\Gamma$	Ш	Щ
<u> </u>	sanding co	floor sanding & polishing	actual	$H\!H$	+H	$+\!+$	4	$+\!+\!+\!+$	₩	+	Н	$+\!\!+\!\!\!+\!\!\!\!+$	$+\!\!+\!\!\!+\!\!\!\!+$	╙	₩	H	+++	H	₩	#	Щ	4	+++	Щ	$+\!$	Н	#	₩	##	Щ	$+\!+\!+\!+$	#	44'	₩	#	₩	$+\!\!+\!\!\!+\!\!\!\!+$
50	contractor	trade/task estimated time - 2 - 3 days	proposed	HH	+	\Box	4	+ + 1	+	+	Н	+	+	\Box	HH	H	++	4	Ш	+	Ш	+	+++	Ш	$+\!+\!1$	$oldsymbol{+}$	4	Ш	+	Н	$+\!\!+\!\!\!+\!\!\!\!+\!\!\!\!+$	$+\!\!+\!\!\!+$	44'	₩	$+\!\!+$	₩	$+\!\!+\!\!\!+\!\!\!\!+\!\!\!\!+$
<u> </u>	painter	external painting	actual	HH	ш	$+\!\!+\!\!\!+$	Щ	44	44	44	Щ	+	$+\!\!\!\!\!+\!$	+	ш	4	Ш	4	₩	4	Щ	4	+++	Щ	44	Щ	44	ш	Ш	Щ	Ш	44	44	₩	#	ш	$+\!\!\!\!+\!\!\!\!\!+\!\!\!\!\!\!+$
51	contractor	trade/task estimated time - 1 day	proposed	HH	ш	++	4	+++	+	+	Н	+	+H	\Box	${\color{blue}{++}}$	H	++	4	$\sqcup \!$	4	Ш	+1	+++	Ш	$+\!+\!+$	\mathbf{H}	4	Ш	ш	Н	+ + +	$+\!\!+\!\!\!+$	44'	₩	$+\!\!+$	ш	$+\!\!+\!\!\!+\!\!\!\!+$
	cleaner	clean residence	actual		$\perp \perp \perp$			Ш	Ш			Ш			Ш	Ш	Ш	<u> </u>	$\Box \Box \Box$		Ш		$\Pi\Pi$	Ш	Ш				Ш			Ш	لللـ	ш	Ш	ш	Ш
			inspection 4																														_	_	_	_	_

inspection

section	1 - home owner - site signage	
brief	display a sign at the front of your property stating the lot number, street name, your name & phone no's, this will prevent any misunderstandings in trades or supplies being delivered to the wrong site	trade/supplier details & notes
have ready	n/a	
notes	make sure the sign is properly fixed on something permanent like a boundary fence to prevent it from being moved	
estimated time	1 day	
section	2 - hire company - site toilet & temporary fencir	•
brief	a site toilet is required for every site and must de delivered prior to any tradesmen starting their works, it is the owners responsibility to protect the existing crossover (footpath) these can also be hired - if temporary fencing is required, it should be erected at this stage also	trade/supplier details & notes
have ready	n/a	
notes	temporary fences are not mandatory	
estimated time	1 day	
	3 - excavator - clear & level site	
section	5 - excavator - cicar & level site	too da la constant da talla 0 mata
section brief	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence	trade/supplier details & notes
	remove all vegetation and prepare the site for set out, the site is levelled	trade/supplier details & notes
brief	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence	trade/supplier details & notes
brief have ready	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence site plan it is the owners responsibility to remove any excess debris other than	trade/supplier details & notes
brief have ready notes	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence site plan it is the owners responsibility to remove any excess debris other than vegetation	
have ready notes estimated time	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence site plan it is the owners responsibility to remove any excess debris other than vegetation 1 day	trade/supplier details & notes trade/supplier details & notes
have ready notes estimated time section	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence site plan it is the owners responsibility to remove any excess debris other than vegetation 1 day 4 - surveyor - set out surveyor sets out of the residence and garage on the site according to	
have ready notes estimated time section brief	remove all vegetation and prepare the site for set out, the site is levelled only around the immediate location of the proposed residence site plan it is the owners responsibility to remove any excess debris other than vegetation 1 day 4 - surveyor - set out surveyor sets out of the residence and garage on the site according to the location shown on the site plan	

inspections can be organised by the concreter or yourself.

do not lay any concrete paving of driveways as they may be damaged during construction - they will be laid at the finish of the project

notes

estimated time

5 - 7 days

section	13 - hire company - safety rails for roofing	
brief	safety rails are fitted around the perimeter of the house just above the gutter, to protect the workers from falling off the roof during construction	trade/supplier details & notes
have ready	n/a	
notes	safety rails are mandatory for roofs over 3m from the ground level	
estimated time	1 day	
section	14 - roof plumber - metal fascia & gutters	
brief	metal fascia & gutters are installed by the roof plumber, they are fitted before the roof cladding to allow the cladding or tiles to overlap into the gutter	trade/supplier details & notes
have ready	roof plans, floor plans & elevations	
notes	n/a	
estimated time	2 days	
section	15 - roof plumber - metal roof cladding	trade/supplier details & notes
brief	the roof plumber will install the metal roof cladding including the valleys, hips, ridge cappings, boxed gutters	irade/supplier details & flotes
have ready	roof cladding, roof plan, floor plans & elevations	
notes	n/a	
estimated time	3 days	
section	16 - roof tiler - tiled roof & cappings	
section brief	16 - roof tiler - tiled roof & cappings installation of the selected roof tiles including the tile capping for ridges, hips & valleys	trade/supplier details & notes
	installation of the selected roof tiles including the tile capping for ridges,	trade/supplier details & notes
brief	installation of the selected roof tiles including the tile capping for ridges, hips & valleys	trade/supplier details & notes

section	17 - carpenter - window & entry door frames	
brief	installation of the window frames, front & laundry doors frames and sliding doors. Sidelights to entry doors can be installed during lock up. make sure you remove the keys for the window lock otherwise they may go missing	trade/supplier details & notes
have ready	window & door frames, floor plans & elevations	
notes	window & door screens should not be delivered at this point, they will be delivered when the residence is finished and the windows cleaned otherwise they may go missing during construction	
estimated time	1 day	
section	18 - insulation co - sisalation	
brief	completed wall frames are wrapped in sisalation foil, this is a basic wall insulation which can be used in conjunction with more effective wall insulation such as batts	trade/supplier details & notes
have ready	floor plans & elevations	
notes	the insulation company will supply & install the sisalation	
estimated time	1 day	
section	19 - hire co - scaffolding for bricklayers	
brief	if the external brick walls exceed 3m in height then scaffolding is required along the perimeter of that wall, this is for the bricklayers safety and is required by law	trade/supplier details & notes
have ready	floor plans & elevations	
notes	scaffolding can be erected around half the house then relocated around the remainder to cut down the hiring expence	
estimated time	2 days	
section	20 - bricklayer - remainder of residence	
brief	the remainder of the residence is bricked up and completed by the brickkayer	trade/supplier details & notes
have ready	remainder of bricks, floor plans & elevations	
notes	bricks will be cleaned at a latter stage after mortar has had time to cure	
estimated time	10 - 15 days	

	21 corportor look up internal	
section	21 - carpenter - lock up - internal	trade/supplier details & notes
brief	installation of shower bases, bath tubs, spa baths & cavity sliding door units, gas log fires that are built into stud walls can also be installed at this stage - these all need to be installed prior to any plaster works	indecisappines details distorted
have ready	shower bases, bath tubs, spa baths & cavity sliding units (do not include doors) - gas log fires if applicable	
notes	shower screens & other fittings should not be delivered yet	
estimated time	2 days	
section	22 - carpenter - lock up - external	
brief	installation of the front (entry) and laundry (rear) doors, including door locks, sheet all external walls with any external claddings and line the eaves with the selected linings	trade/supplier details & notes
have ready	external doors, door locks, floor plans & elevations	
notes	make sure when your purchase your external locks (including door lock between the garage & house) that you request the locks be keyed alike so you only need a single key to open all doors - include sliding doors	
estimated time	2 - 4 days	
section	23 - plumber - rough in	
brief	installation of all internal hot & cold water pipes to the various plumbing fittings shown located on the floor plans, also the installation of the gas pipes to ovens, hot plates and heater - if required	trade/supplier details & notes
have ready	floor plans	
notes	the plumber should be aware of the location of all the plumbing fittings and appliances that are going in the project	
estimated time	2 days	
section	24 - electrician - pre-wire	
brief	installation of the electrical wiring to the light points, power points, hot water service, heating, cooling, smoke detectors, door bells ceiling fans & appliancesas shown located on the electrical plans - these are all then connected to the meterbox	trade/supplier details & notes
have ready	electrical plans	
notes	if you do not have electrical plans then mark up a copy of your floor plan showing the location of these items	
estimated time	2 days	

copyright - 2004

section	25 - vacuum co - ducted vacuum - rough in	
brief	installation of the ducted vacuum system prior to sheeting of the internal plaster walls	trade/supplier details & notes
have ready	floor plans	
notes	n/a	
estimated time	1 day	
section	26 - heating co - ducted heating - rough in	
brief	installation of the ducted heating and/or air conditioning unit in the roof space prior to the sheeting of the plaster ceiling - ductwork will be placed to a location in each room requiring heating and/or cooling	trade/supplier details & notes
have ready	floor plans	
notes	n/a	
estimated time	1 day	
section	27 - insulation co - wall insulation	trade/supplier details & notes
brief	if additional wall insulation is required, it can be installed now or along with the plastering - section 29	trade/supplier details à notes
have ready	floor plans & elevations	
notes	generally external walls only require insulation - unless you require sound proofing to certain niternal walls	
estimated time	1 day	
section	28 - stair co - internal staircase	
brief	installation of the internal staircase - this is installed prior to the plastering the balastrading and handrails are not installed until the plaster is fitted	trade/supplier details & notes
have ready	floor plans	
notes	make sure stairs are measured as soon as the frame is erected to allow ample time for manufacturing	

section	29 - plaster co - wall & ceiling linings	
brief	installation of all the plasterboard wall & ceiling linings & cornices. villaboard lining should be used in the bathroom, ensuite, laundry & garage to prevent moisture damage	trade/supplier details & notes
have ready	floor plans & elevations	
notes	your plasterer will be able to calculate how much material & hardware is required for the project	
estimated time	10 - 15 days	
section	30 - stair co - balastrading to staircase	
brief	installation of the balastrading to the internal staircase	trade/supplier details & notes
		2)
have ready	floor plans	
notes	n/a	
estimated time	1 day	
section	31 - flooring co - lay timber floors	
section brief	31 - flooring co - lay timber floors strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage	trade/supplier details & notes
	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this	trade/supplier details & notes
brief	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage	trade/supplier details & notes
brief have ready	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage floor plans showing extent of flooring	trade/supplier details & notes
brief have ready notes	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage floor plans showing extent of flooring do not install kitchen or bathroom cabinets before the floor is installed	ards
have ready notes estimated time	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage floor plans showing extent of flooring do not install kitchen or bathroom cabinets before the floor is installed 3 - 4 days	
have ready notes estimated time section	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage floor plans showing extent of flooring do not install kitchen or bathroom cabinets before the floor is installed 3 - 4 days 32 - cabinetmaker - kitchen & bathroom cupbo installation of all kitchen, bathroom, laundry & ensuite cabinets, the cabinets should arrive with cut outs for the appliances, vanities & sinks	ards
have ready notes estimated time section brief	strip timber floors that are to be directly fixed to the concrete slab should be installed at this stage, they should cover the entire floor area in the required rooms, floating timber floor systems should not be done at this stage floor plans showing extent of flooring do not install kitchen or bathroom cabinets before the floor is installed 3 - 4 days 32 - cabinetmaker - kitchen & bathroom cupbo installation of all kitchen, bathroom, laundry & ensuite cabinets, the cabinets should arrive with cut outs for the appliances, vanities & sinks (to be installed at a latter date)	ards

section 33 - brick cleaner - clean external brickwork

brief cleans all the excess mortar, dirt and any other debris of the face of the external brickwork - this needs to be done prior to constructing and

verandahs, decks or pergolas

have ready n/a

notes n/a

estimated time 1 day

section 34 - renderer - external rendering

brief application of selected render to the extent as shown on the elevations

brick joints will be flush to produce a smooth finish to the render

have ready floor plans & elevations

notes colored acrylic render is more versatile than cement render which has to

be painted afterwards

estimated time 5 - 15 days

section 35 - carpenter - internal fixings

brief fix door jambs, internal room & wardrobe doors, fix all architraves &

skirtings around window, install hanging rails and robe inserts to the

wardrobes, install manhole & cover.

have ready internal room & robe doors, door furniture, architraves, skirtings, towel

rails, toilet roll holders, robe hooks etc

notes towel rails, toilet roll holders & robe hooks can be installed after the

painting stage - section 37

estimated time 5 - 6 days

section 36 - tiler - lay wall & floor tiles

brief lay all floor & wall tiles to the extent shown on the detailed drawing

have ready all wall & floor tiles including border tiles and soap dish tiles

notes n/a

estimated time 4 - 5 days

section	37 - painter - internal painting	
brief	paint all walls & ceilings as specified	trade/supplier details & notes
have ready	paint colors	
notes	external painting can be done at a later stage, after veranda of pergola has been built	
estimated time	5 - 6 days	
section	38 - plumber - fit off	
brief	fit off of all plumbing fittings, tapware, dishwasher & gas appliances, hot water service & gas heating	trade/supplier details & notes
have ready	sinks, basins, tapware, dishwasher, gas appliances, hot water service & gas wall heaters if applicable	9
notes	keep all warranties & manuals from appliances for future reference	
estimated time	2 days	
section	39 - electrician - fit off	tradalar maliar dataila 9 nataa
section brief	39 - electrician - fit off connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also	trade/supplier details & notes
	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells	trade/supplier details & notes
brief	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics,	trade/supplier details & notes
brief have ready	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics,	trade/supplier details & notes
brief have ready notes	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting	
have ready notes estimated time	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting	trade/supplier details & notes
have ready notes estimated time section	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting 2 - 3 days 40 - vacuum co - ducted vacuum - fit off	
have ready notes estimated time section	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting 2 - 3 days 40 - vacuum co - ducted vacuum - fit off	
have ready notes estimated time section brief	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting 2 - 3 days 40 - vacuum co - ducted vacuum - fit off fit off and commisioning of the ducted vacuum system	
have ready notes estimated time section brief	connection of all light point to switches, installation of downlights, smoke detectors, exhaust fans, ixl tastics, ceiling fans & door bells the electrical appliances are fitted at this point also downlights (inc transformers) smoke detectors, exhaust fans, ixl tastics, ceiling fans, door bells & any other electrical fitting 2 - 3 days 40 - vacuum co - ducted vacuum - fit off fit off and commisioning of the ducted vacuum system	

section	41 - heating co - ducted heating/air con - fit off	
brief	fit off and commisioning of the ducted heating and/or air conditioning system, a hole will be cut in the ceiling of each room that requires heating and/or cooling to which a vent will be fitted	trade/supplier details & notes
have ready	n/a	
notes	the system must be commisioned with a demonstration to the owner regarding system operation	
estimated time	1 - day	
section	42 - insulation co - ceiling insulation	
brief	after the ducted heating and/or air conditioning system is installed then you can proceed to install the ceiling insulation	trade/supplier details & notes
have ready	ceiling insulation	
notes	generally ceiling insulation does not get installed in the garage ceiling	
estimated time	1 day	
section	43 - antenna co - install tv antenna	trade/supplier details & notes
brief	installation of the tv antenna	trade/supplier details & notes
have ready	location for the antenna	
have ready notes	location for the antenna if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point	
·	if 3 or more are required then you will need a splitter installed in the	
notes	if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point	
notes estimated time	if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point 1 day	trade/supplier details & notes
estimated time	if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point 1 day 44 - garage door co - install garage door	trade/supplier details & notes
estimated time	if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point 1 day 44 - garage door co - install garage door	trade/supplier details & notes
estimated time section brief	if 3 or more are required then you will need a splitter installed in the roof space which will also require a single power point 1 day 44 - garage door co - install garage door installation of the garage door and remote control system if required	trade/supplier details & notes

	15 - alazior - chower corone & mirrore	
section	45 - glazier - shower screens & mirrors	trade/supplier details & notes
brief	install the shower screens & mirrors as shown detailed on the joinery details	
have ready	shower screens & mirrors	
notes	n/a	
estimated time	1 day	
section	46 - hire co - site clean	
brief	organise mini skip bin and bobcat to clean all debris from site (a couple	trade/supplier details & notes
	of loads might be needed) clear site ready for driveways & paving	
have ready	n/a	
notes	clean out all rubbish from inside the residence and place in the bins for removal	
estimated time	2 days	
section	47 - concretor - paving & driveway	
brief	organise concretor to box up & pour concrete driveway or paving (if required)	trade/supplier details & notes
	required)	
have ready	site plan	
notes	concretor will return to clean paving & create control joints	
770100	controller will retain the cream parting at create control jointe	
estimated time	2 - 3 days	
section	48 - carpenter - verandah & pergola framing	L
brief	construct all verandahs, pergolas, decks & external stairs as shown on	trade/supplier details & notes
	the working drawings	
	floor plane, alouations	
have ready	floor plans, elevations	
notes	n/a	
	O. E. dave	
estimated time	3 - 5 days	

section	49 - sanding co - timber floor sanding & polish	ing
brief	strip timber flooring to be sanded & polished	trade/supplier details & notes
have ready	n/a	
notes	no one to access the inside of the residence during this stage until the polish has completely dried	
estimated time	2 - 4 days	
section	50 - painter - external painting	trade/supplier details & notes
brief	Paint veranda, pergola, decking, eaves lining, timber fascias, render & any other feature requiring paint	tradersupplier details & notes
have ready	paint colors	
notes	n/a	
estimated time	2 - 3 days	
section	51 - cleaner - clean residence	
brief	clean interior of the residence ready for carpet laying etc, clean all cabinets, windows & wash all walls	trade/supplier details & notes
have ready	n/a	
notes	n/a	
estimated time	1 day	