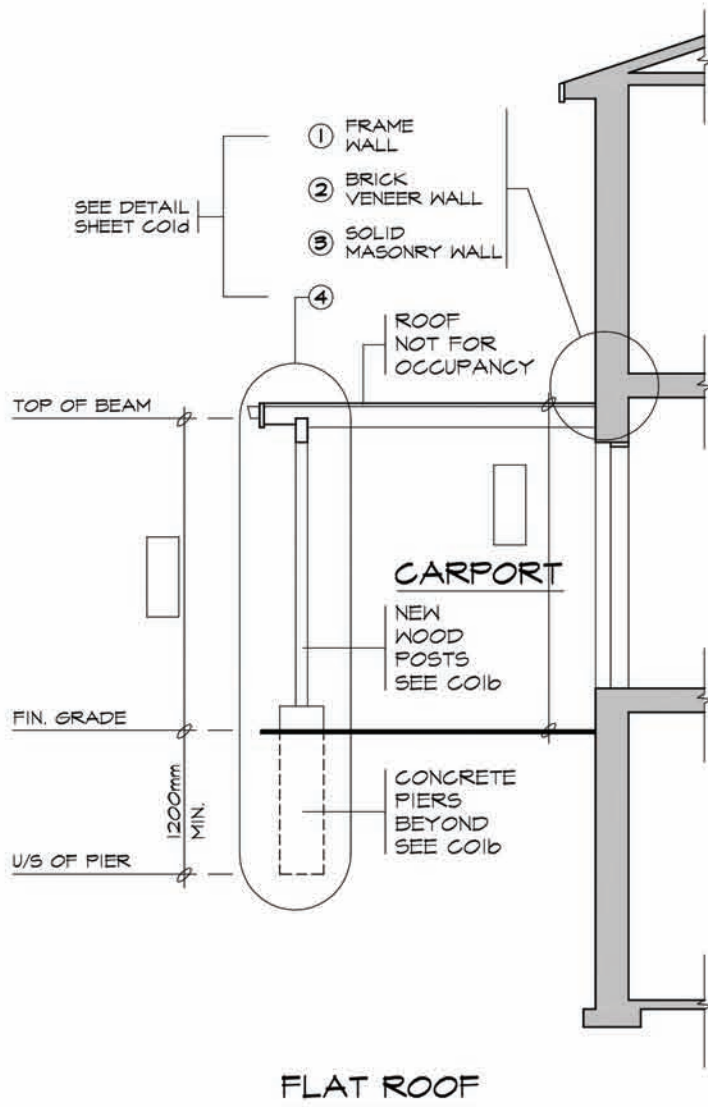
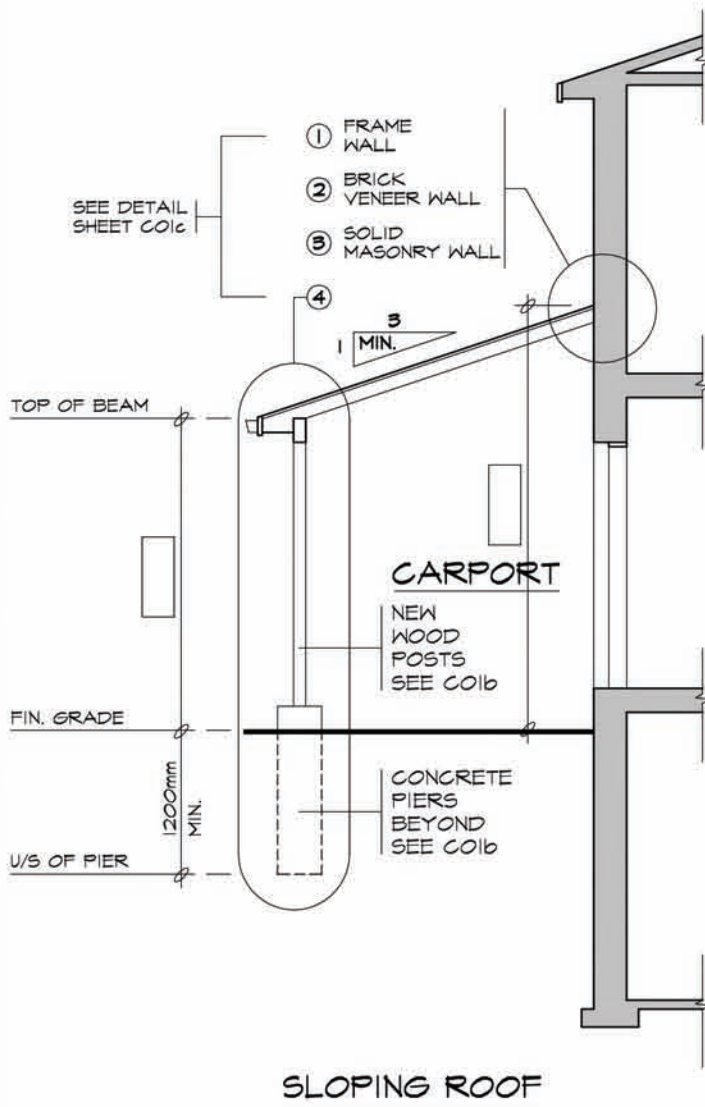


**CARPORT PLAN** (PROVIDE DIMENSIONS IN BOXES)

SEE CO1b FOR STRUCTURAL SIZES



**CARPORT SECTIONS**

# ROOF RAFTERS

(WHERE NO CEILING IS INSTALLED)

MAXIMUM CLEAR SPAN (M)						
RAFTER SIZE	ROOF SNOW LOAD 1.0kPa			ROOF SNOW LOAD 1.5kPa		
	RAFTER SPACING (mm) O.C.					
	300	400	600	300	400	600
38x89	3.11	2.83	2.47	2.72	2.47	2.16
38x140	4.90	4.45	3.89	4.28	3.89	3.40
38x184	6.44	5.85	5.11	5.62	5.11	4.41
38x235	8.22	7.47	6.38	7.18	6.52	5.39

# ROOF JOISTS

(WHERE CEILING IS INSTALLED)

MAXIMUM CLEAR SPAN (M)						
JOIST SIZE	ROOF SNOW LOAD 1.0kPa			ROOF SNOW LOAD 1.5kPa		
	JOIST SPACING (mm) O.C.					
	300	400	600	300	400	600
38x89	2.47	2.24	1.96	2.16	1.96	1.71
38x140	3.89	3.53	3.08	3.40	3.08	2.69
38x184	5.11	4.64	4.05	4.46	4.05	3.54
38x235	6.52	5.93	5.18	5.70	5.18	4.52

# ROOFING

ROOF FRAMING (mm) O.C.	ROOF SHEATHING
RAFTERS @ 300	7.5mm PLYWOOD W/ H-CLIPS OR 17mm LUMBER
RAFTERS @ 400	
RAFTERS @ 600	9.5mm PLYWOOD W/ 'H'-CLIPS OR 19mm LUMBER

# BEAMS

MAXIMUM CLEAR SPAN (M)		MINIMUM BEAM SIZE
ROOF SNOW LOAD		
1.0kPa	1.5kPa	
2.35	2.02	2 - 38x184
2.88	2.47	2 - 38x235
3.34	2.87	2 - 38x286

# PIERS

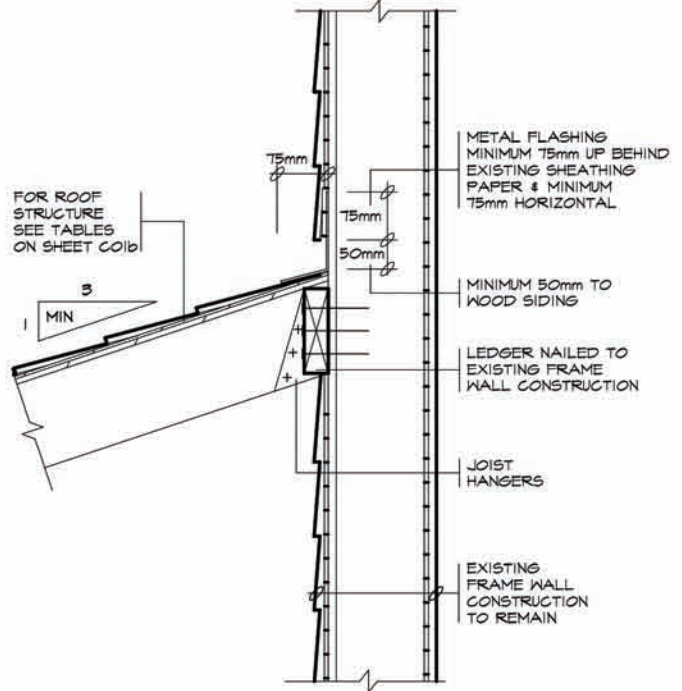
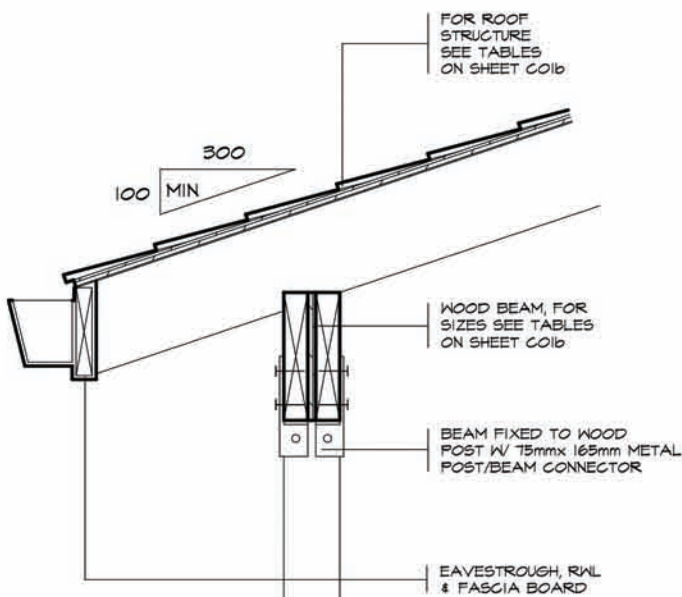
PIER SIZE (mm)	SUPPORTED ROOF AREA (M2)					
	ROOF SNOW LOAD 1.0kPa			ROOF SNOW LOAD 1.5kPa		
	ALLOWABLE BEARING CAPACITY OF SOIL					
	75kPa	120kPa	190kPa	75kPa	120kPa	190kPa
200 DIA.	1.95	3.25	5.48	1.39	2.32	3.62
250 DIA.	3.07	5.11	8.08	2.14	3.62	5.76
300 DIA.	4.37	7.34	11.71	3.16	5.20	8.36
350 DIA.	5.95	9.94	15.87	4.27	7.06	11.33
400 DIA.	7.62	13.01	20.72	5.48	9.29	14.77

# POSTS

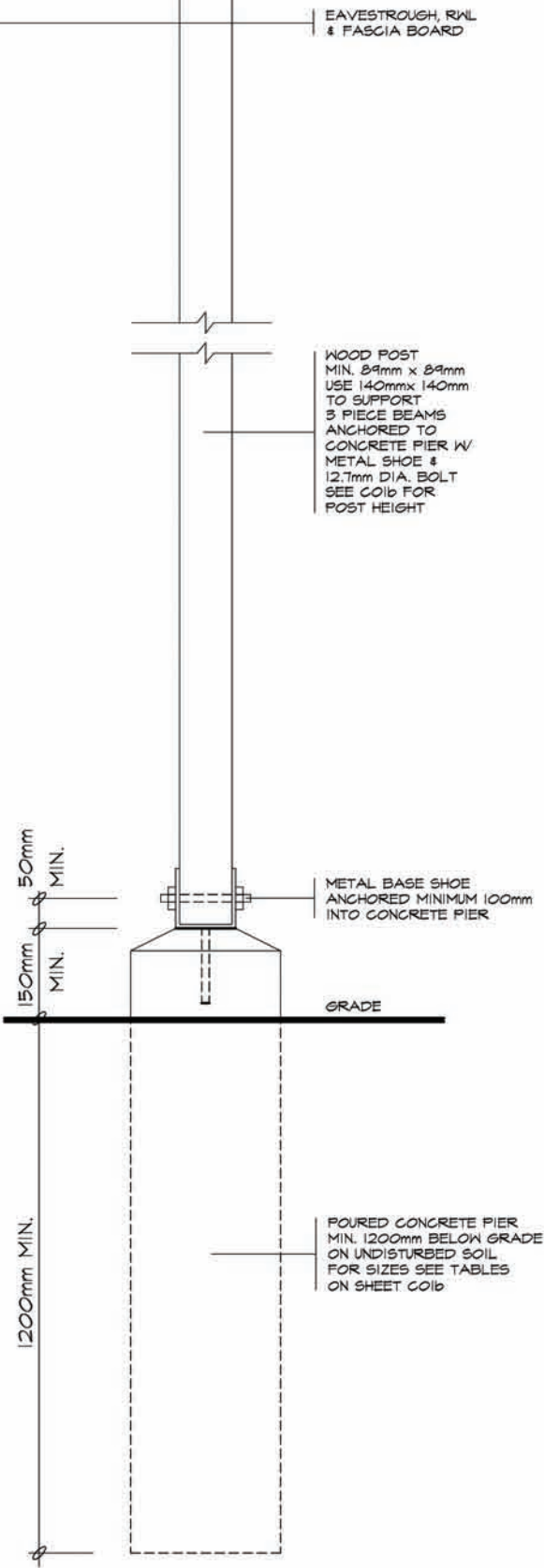
POST SIZE (mm) (SEE NOTE 5)	MAX. HEIGHT (M)	SUPPORTED ROOF AREA (M2)				
		ROOF SNOW LOAD (kPa)				
		1.0	1.5	2.0	2.5	3.0
89x89	1.0	17.19	12.98	10.43	8.71	7.48
	1.5	9.39	7.09	5.69	4.76	4.09
	2.0	4.98	3.76	3.02	2.53	2.17
140x140	2.0	21.65	16.35	13.13	10.98	9.43
	2.5	14.77	11.15	8.96	7.48	6.43
	3.0	10.06	7.60	6.10	5.10	4.38
	3.5	6.98	5.27	4.23	3.54	3.04

# GENERAL NOTES

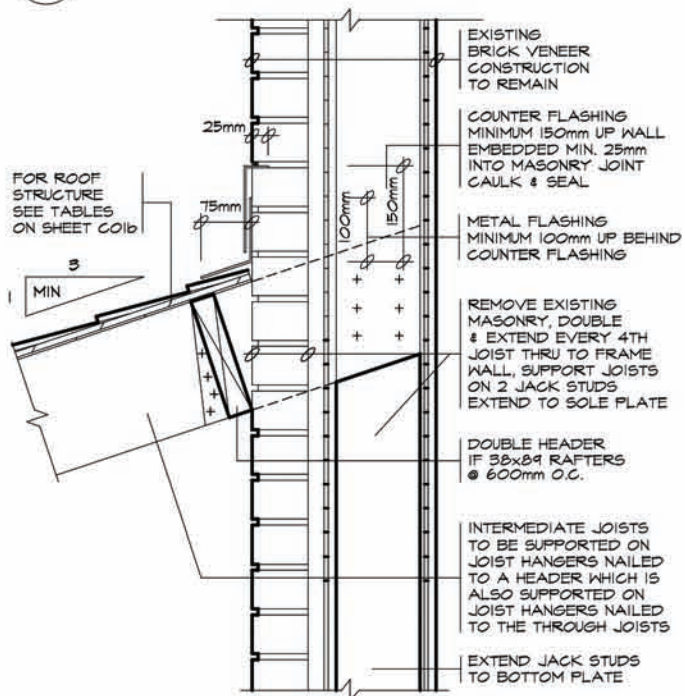
- ALL LUMBER TO BE NO. 1&2 SPF OR BETTER
- ALL PLYWOOD SHALL BE STAMPED EXTERIOR GRADE
- WHERE SUPPORTED ROOF AREAS EXCEED THOSE LISTED IN THIS TABLE, THE POSTS SHALL BE BRACED AS SHOWN IN DOIC.
- WOOD POSTS TO BE MINIMUM 89mmx89mm
- BEARING CAPACITY OF SOIL SHALL BE CONFIRMED PRIOR TO CONSTRUCTION.



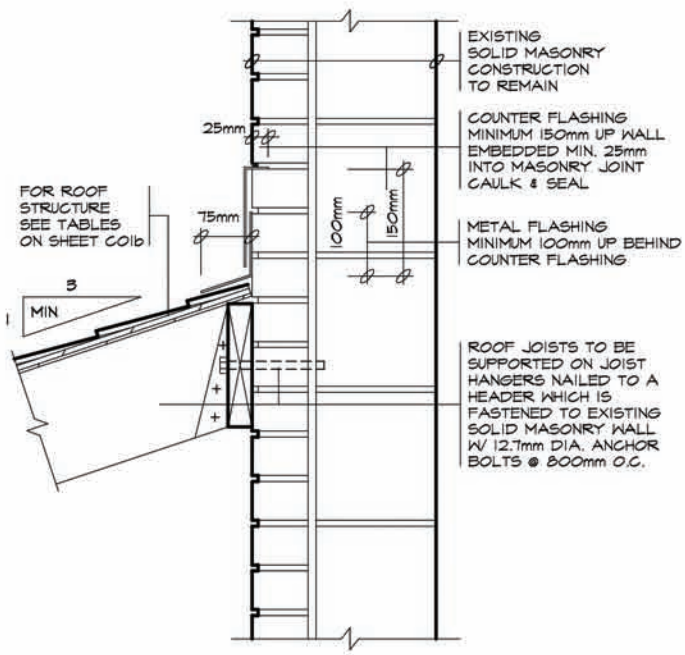
1 FRAME WALL



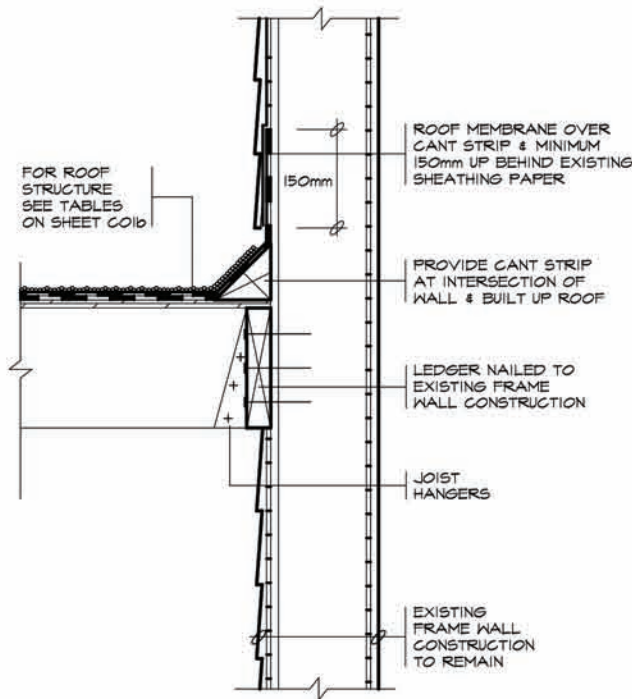
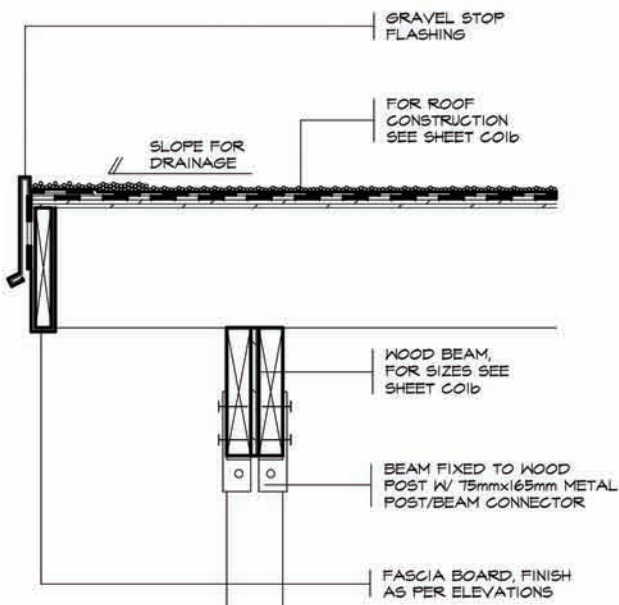
4 SUPPORT DETAIL



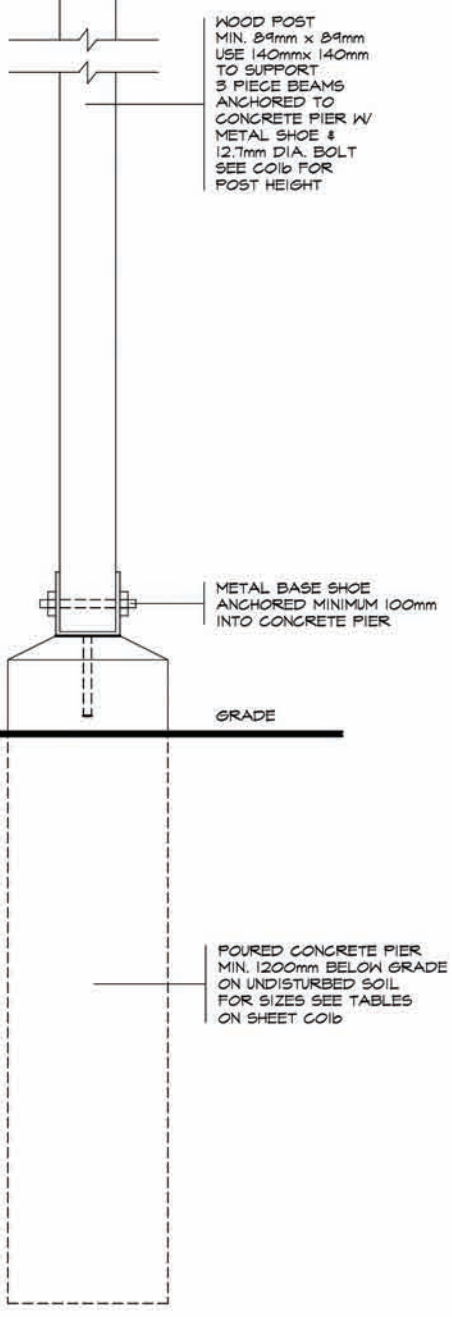
2 BRICK VENEER WALL



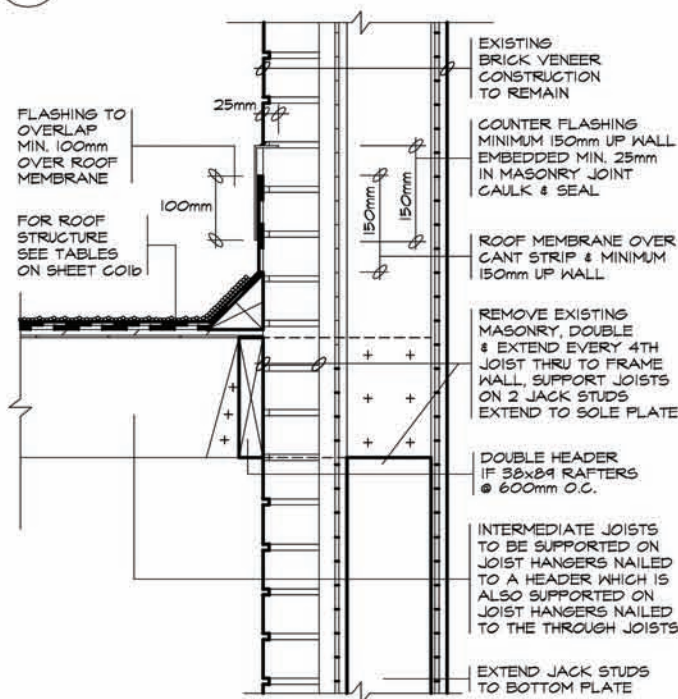
3 SOLID MASONRY WALL



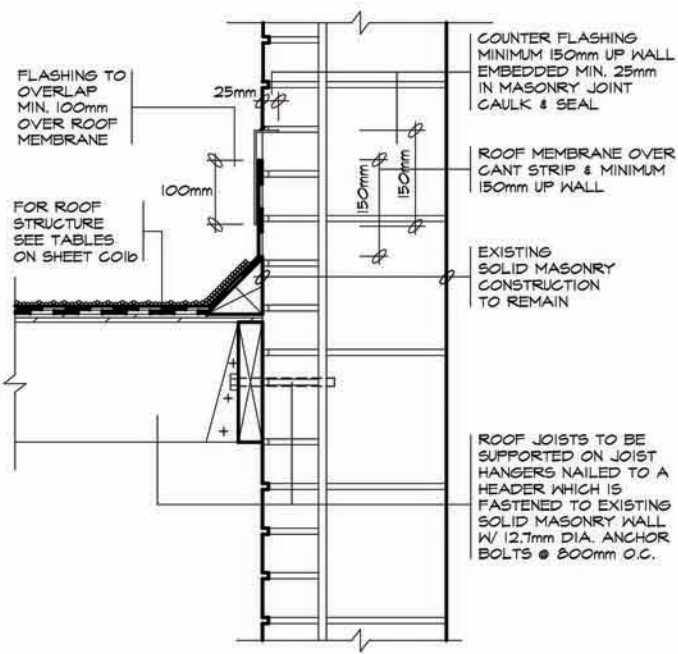
1 FRAME WALL



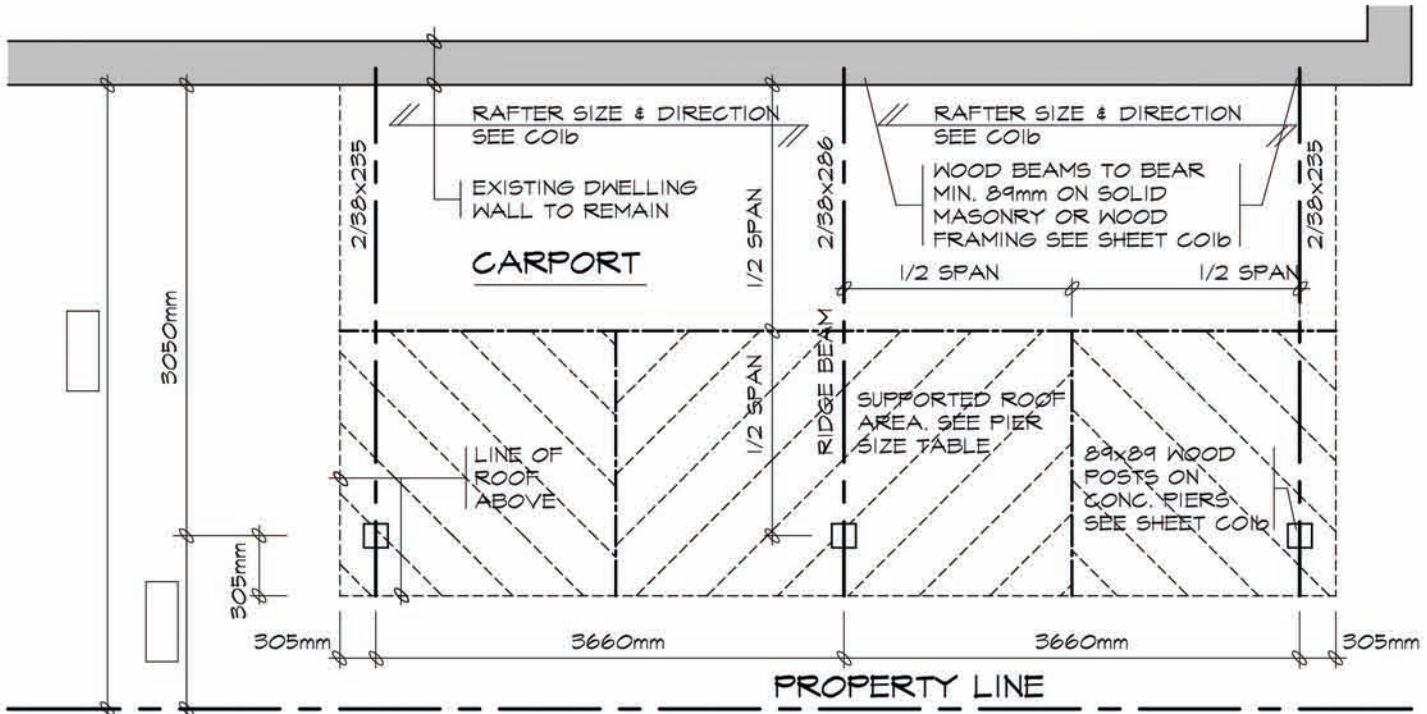
4 SUPPORT DETAIL



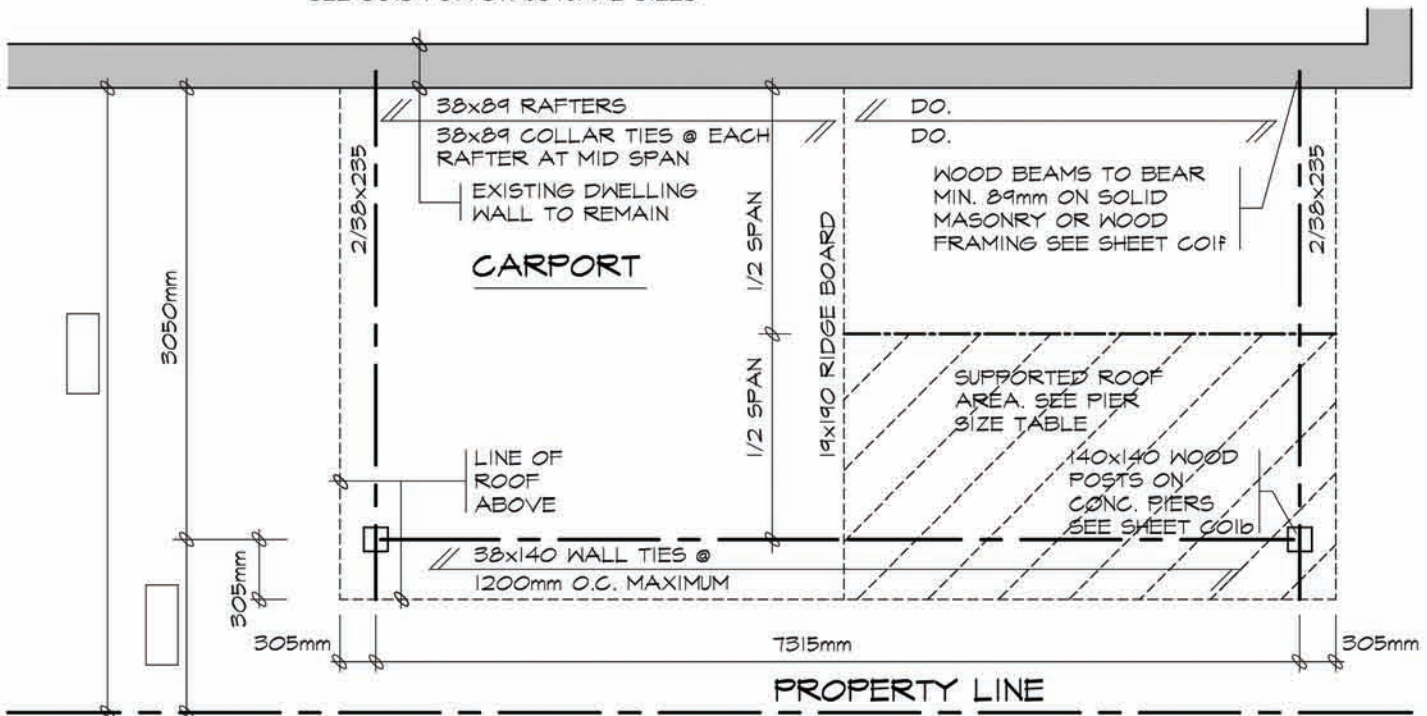
2 BRICK VENEER WALL



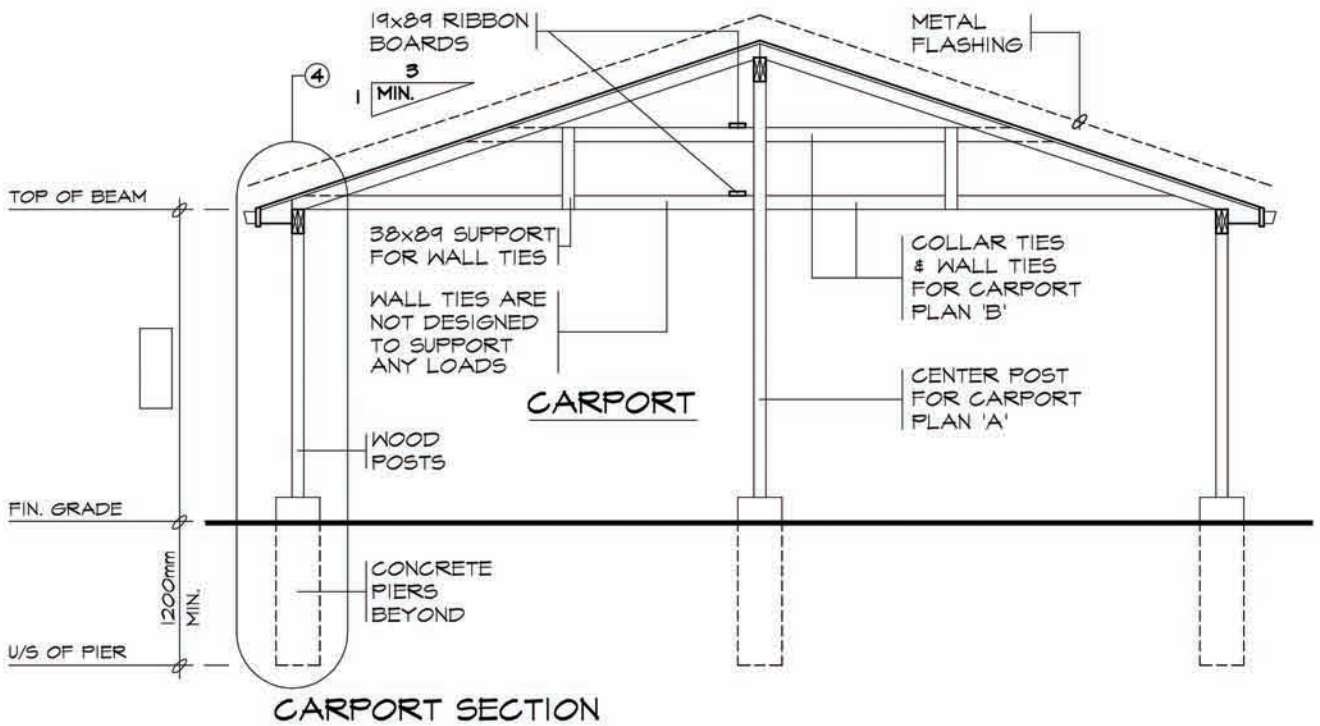
3 SOLID MASONRY WALL



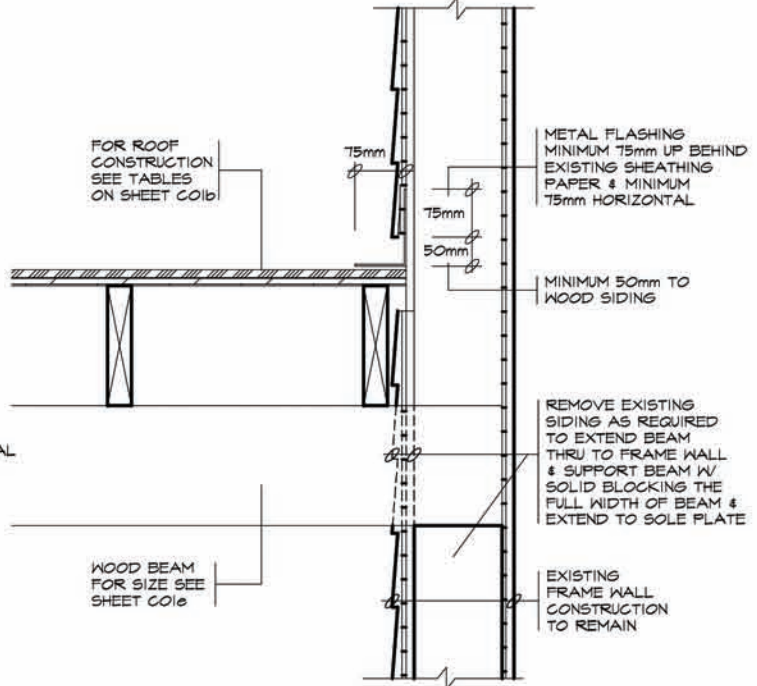
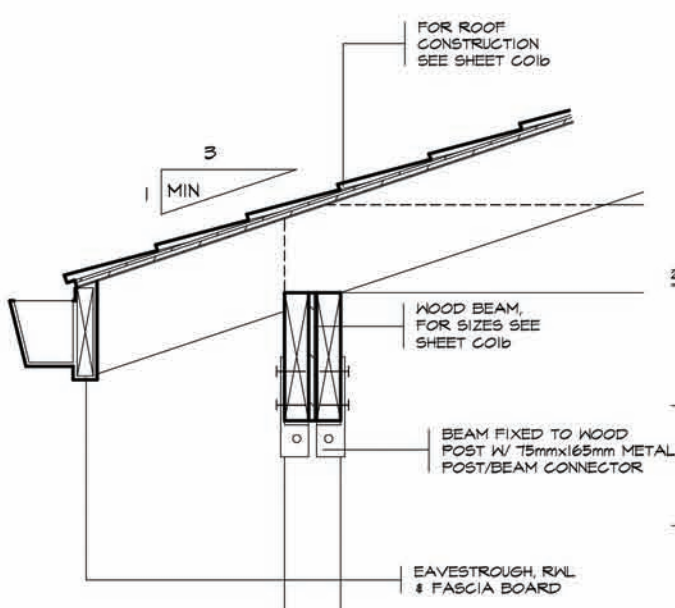
**CARPORT PLAN 'A' POST & BEAM** (PROVIDE DIMENSIONS)  
SEE CO16 FOR STRUCTURAL SIZES



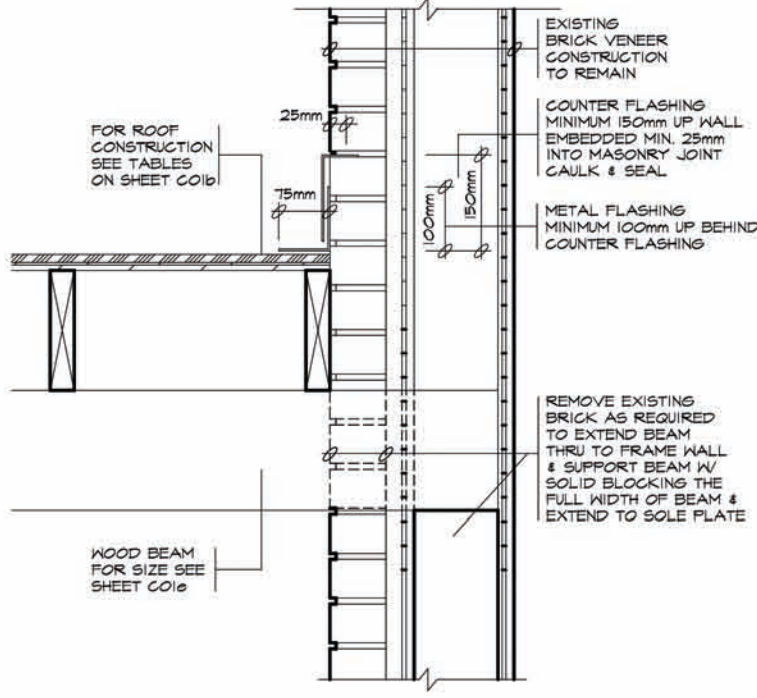
**CARPORT PLAN 'B' CONVENTIONAL FRAMING** (PROVIDE DIMENSIONS)  
SEE CO16 FOR STRUCTURAL SIZES



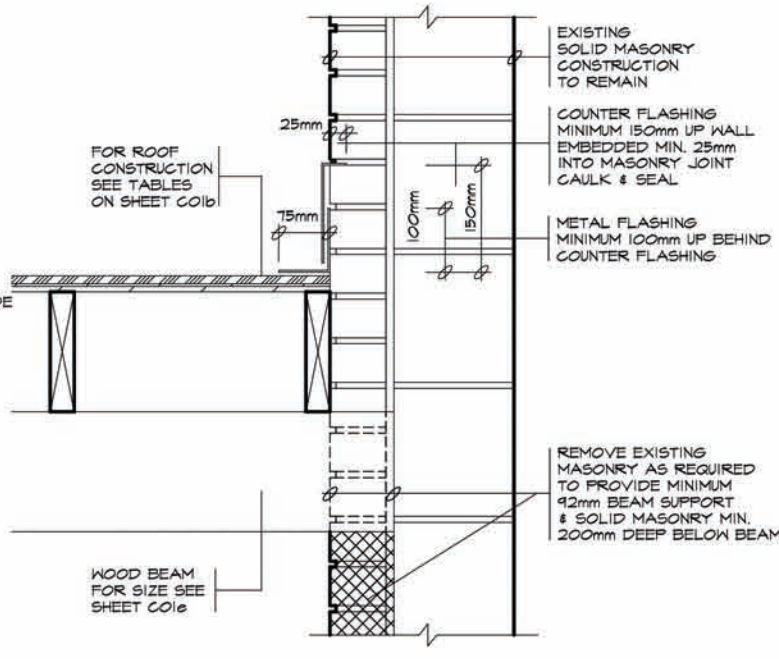
**CARPORT SECTION**



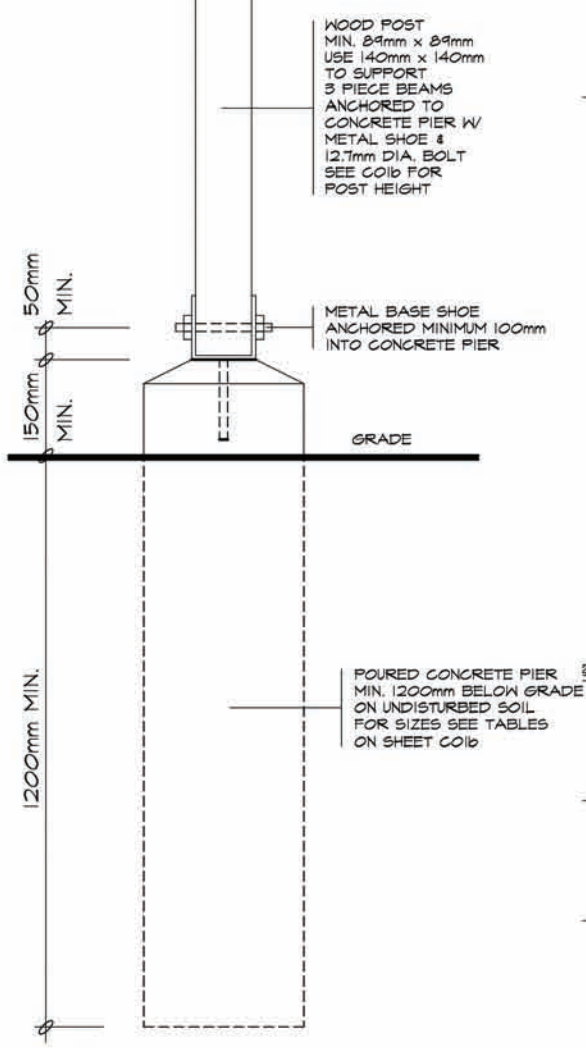
1 FRAME WALL



2 BRICK VENEER WALL



3 SOLID MASONRY WALL



4 SUPPORT DETAIL