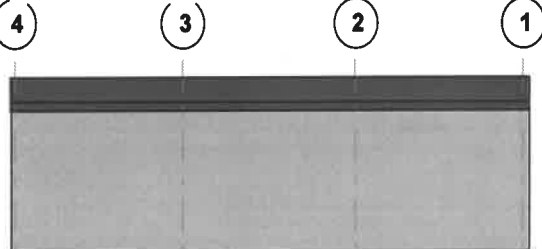
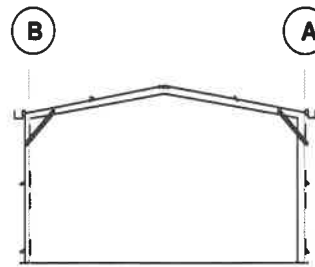


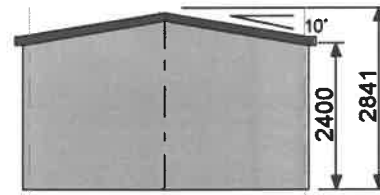
ELEVATION GRID B



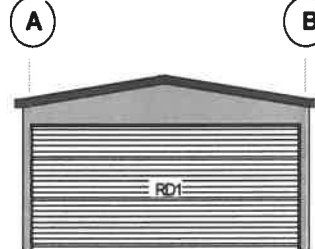
ELEVATION GRID A



SECTION GRID 2, 3



ELEVATION GRID 4



ELEVATION GRID 1



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CLADDING

ITEM	PROFILE	FINISH	COLOUR
ROOF	HIGH	COLORBOND	PE
WALLS	LOW	COLORBOND	CC
BARGE	-	COLORBOND	PE
GUTTER	SHEERLINE	COLORBOND	PE
DOWNPIPE	100x50	COLORBOND	CC

ACCESSORY SCHEDULE & LEGEND

QTY	MARK	DESCRIPTION
1	RD1	Gliderol R.D. Manual "AA". 2400 high x 4680 wide C/B

ARCHITECTURAL DRAWING ONLY
NOT FOR CONSTRUCTION USE

WIND DESIGN

CLASS	REGION	TERRAIN	Vp	ENGINEERING
NORMAL	A	ES	41	V41N-ES

CLIENT
Mark Wheatley

SITE
**11 Stephensdale Road
RIVERSIDE TAS 7250**

BUILDING
**SUNDOWN SUPER
5000 SPAN x 2400 EAVE x9000 LONG**

TITLE
FLOOR PLAN & ELEVATION

SCALE
A4 SHEET 1:125

DRAWING NUMBER
LAUNC2-8621

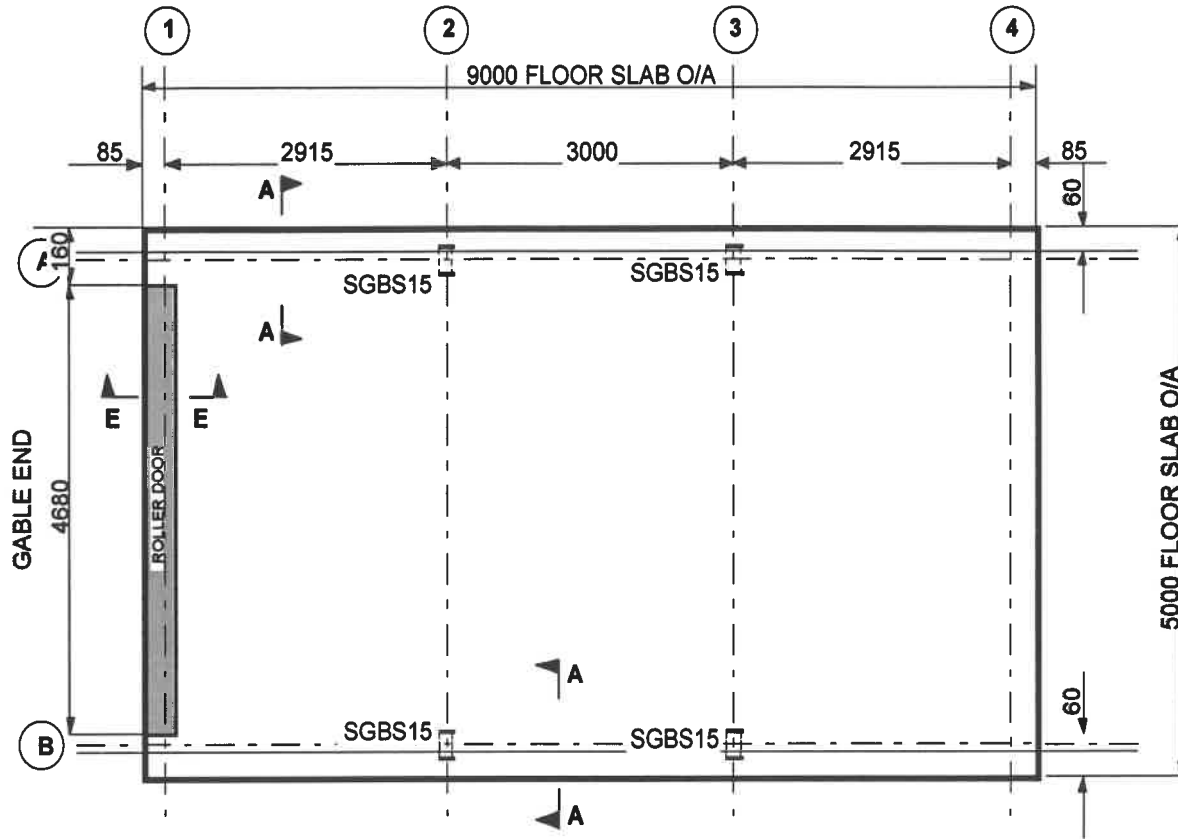
PAGE
1/1



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SET DOWN ALL SHADED AREAS 50mm



BASE STRAP & HD BOLT SCHEDULE
4 REQ'D BASE STRAP SGBS15

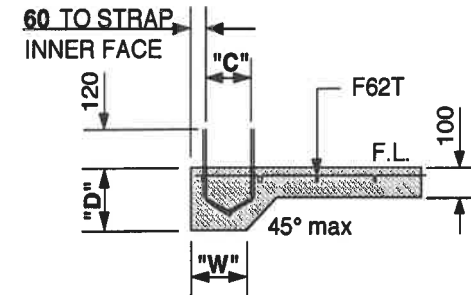
NOTES

SEE ERECTION INSTRUCTIONS FOR SECTION & SLAB DETAILS

SEE RICHARDS ENGINEERS DRG'S NECON2000, NE61-V41N-ES FOR ADDITIONAL DET'S NOTES & CONCRETE SPECIFICATION

"D" = 200 "W" = 200

"C" = 154 FOR SGBS15



SECTION A - A
SLAB & BASE STRAP LOCATION

CLIENT

Mark Wheatley

SITE

**11 Stephensdale Road
RIVERSIDE TAS 7250**

BUILDING

**SUNDOWN SUPER
5000 SPAN x 2400 EAVE x9000 LONG**

TITLE

RC SLAB PLAN

SCALE
NTS

DRAWING NUMBER
RSP-8621

PAGE
1/1

50.72m

surfaces near manalence 1/2 way down block

taps into into
inground 6" pipe

West Tamar Council
This document is one of the documents
relevant to the permit issued for **building**
work as identified by

Permit No: **2 0 0 6 0 5 1**

Building Permit Document

Date Permit Issued: **2/3/06**

Permit Authority: *[Signature]*

existing french drain

drain

100p pvc sewer

existing stormwater

existing residence

existing septic tank

216.99m n.t.s.

watertank overflow

192.05m n.t.s.

13.5m from house

proposed 5m x 1m
garage

1000gal rainwater
tank (for irrigation/
firefighting use only)

35m from road

9.5m from side
boundary

site plan 1:500

72.04m

STEPHENS DALE DRIVE

West Tamar Council

This document is one of the documents
relevant to the permit issued for plumbing
work as identified by

Permit No: **2 0 0 6 0 5 1**

Plumbing Permit Document

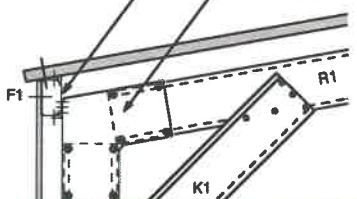
Date Permit Issued: **2-3-06**

Permit Authority: *[Signature]*

**ADDITION OF GARAGE
LOT 17, STEPHENS DALE DRIVE.**

FASCIA "U" CLEAT
3-#14 TEKS TO KNEE
2-#14 TEKS TO F1

FORMED KNEE
GUSSET CLEAT
8-#14 TEKS



West Tamar Council
This document is one of the documents relevant to the permit issued for building work as identified by

KNEE - C1, R1, K1
Permit No: 2 0 0 6 0 5 1

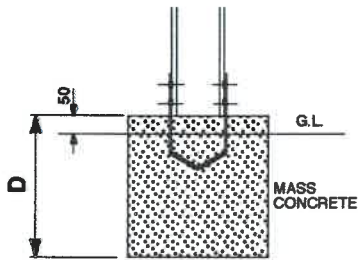
Building Permit Document

Date Permit Issued: 8/3/06

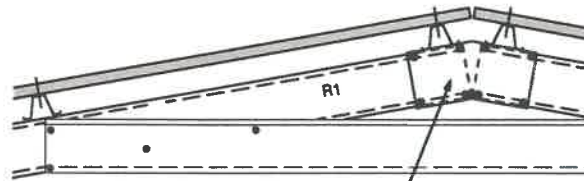
Permit Authority: [Signature]

50x5 "DURAGAL" CLEAT
CAST INTO SLAB OR PAD
4-M16 8.8/S BOLTS

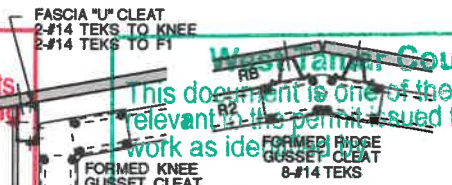
BASE CONNECTION C1
CLEARSPAN FRAME CONNECTION DETAILS



PAD FOOTING PF1
PF2, PF3 SIMILAR
CONCRETE DETAILS



ZED SECTION RAFTER TIE T1
NOT REQUIRED UP TO 5040mm SPAN
#14 TEKS AS PER SCHEDULE
FORMED RIDGE GUSSET CLEAT
8-#14 TEKS
APEX - R1, R1



FASCIA "U" CLEAT
2-#14 TEKS TO KNEE
2-#14 TEKS TO F1
FORMED KNEE GUSSET CLEAT
8-#14 TEKS
APEX - R2, R2
Permit No: 2 0 0 6 0 5 1

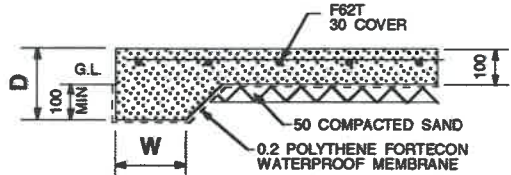
Plumbing Permit Document

Date Permit Issued: 2-7-06

Permit Authority: [Signature]

2 PL ANGLE CLEAT
3-#14 TEKS PER CLEAT
1-M16x60 "DYNABOLT"

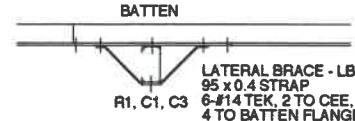
BASE CONNECTION C2
C3, M1, M2 SIMILAR
END FRAME CONNECTION DETAILS



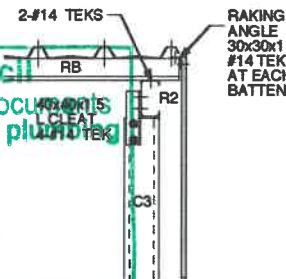
SLAB EDGE SE1, SLAB S1
CONCRETE DETAILS



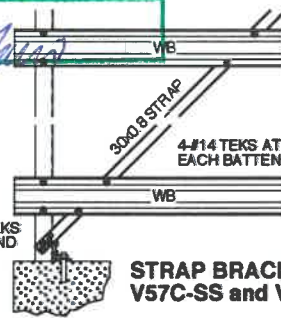
WALL CLADDING SHEAR DIAPHRAGM



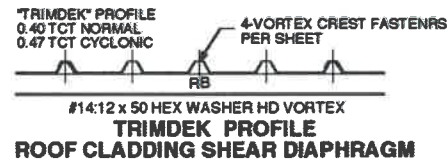
LATERAL BRACE LB



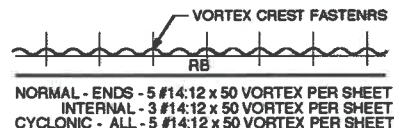
E/W COLUMN
CAP - C3, R2



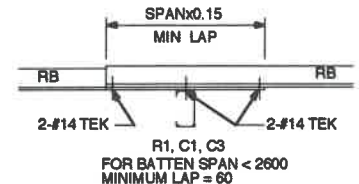
STRAP BRACING Wbr, Rbr SIMILAR
V57C-SS and V57C-ES ONLY



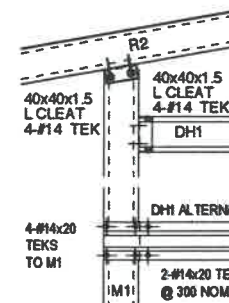
TRIMDEK PROFILE
0.40 TCT NORMAL
0.47 TCT CYCLONIC
ROOF CLADDING SHEAR DIAPHRAGM



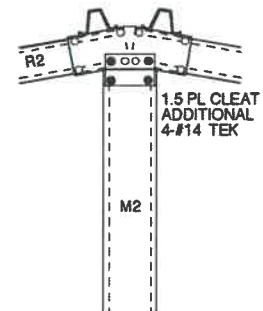
0.47 TCT CUSTOM ORB
ROOF CLADDING SHEAR DIAPHRAGM



LAPPED BATTEN DETAIL



MULLION CAP - M1, R2
RD HEAD - DH1, M1/M2



SHARED MULLION
CAP - M2, R2

END FRAME CONNECTION DETAILS

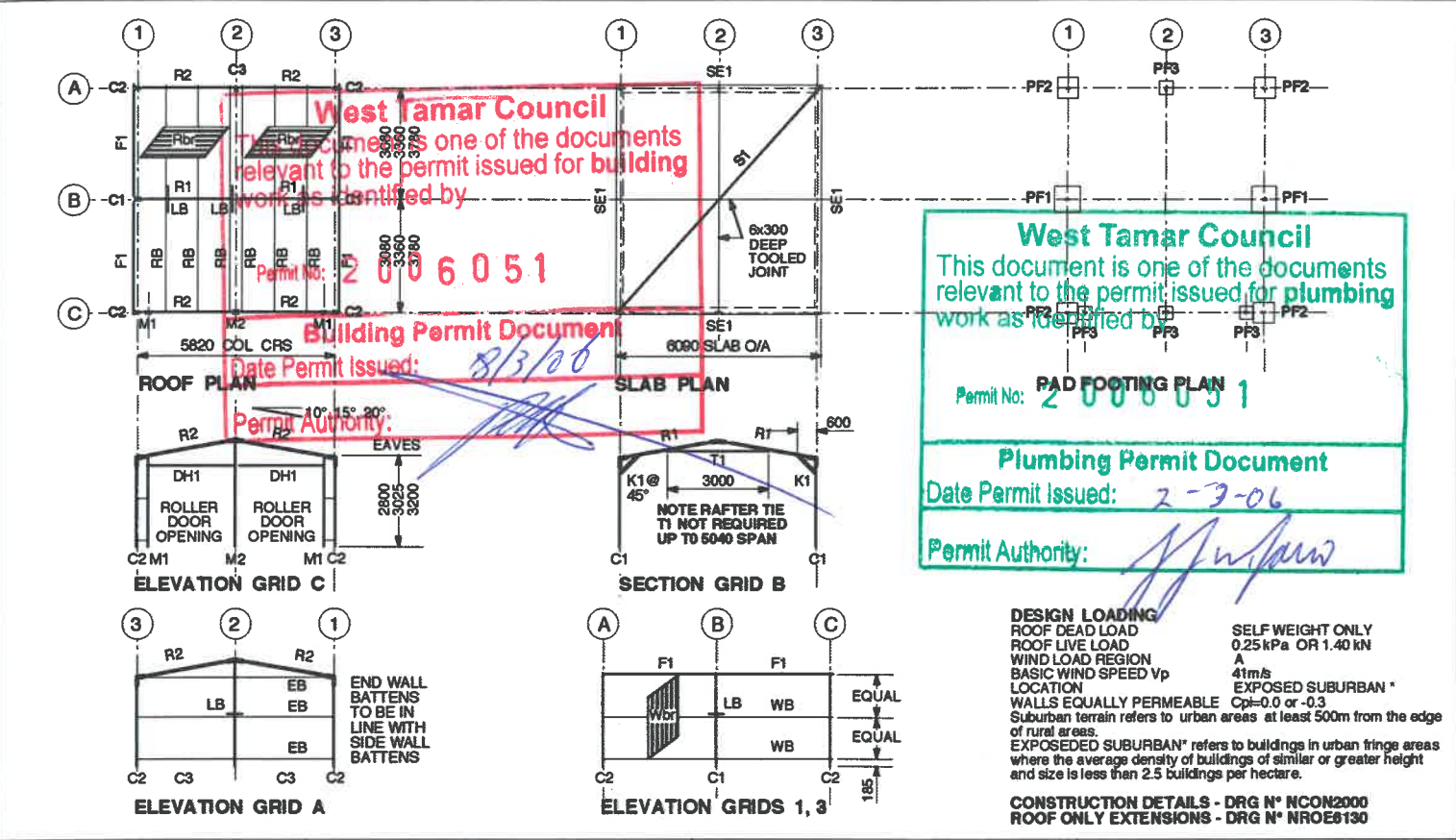
ROOF SLOPE SHOWN AT 10°. DETAILS ALSO APPLY TO 15° & 20° ROOF SLOPES

WE, D & S ENGINEERING PTY LTD, BEING CONSULTING STRUCTURAL ENGINEERS WITHIN THE MEANING OF THE BUILDING CODE OF AUSTRALIA, CERTIFY THAT WE HAVE CARRIED OUT A STRUCTURAL ANALYSIS FOR THE BUILDINGS DETAILED ON THIS DRAWING. THE STRUCTURAL ANALYSIS HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE RELEVANT SAA CODES AS NOTED ABOVE AND IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE AND PRINCIPLES, AUGUST 2005.

[Signature]
David Richard
CPEng, RPEQ 2234, RBP EC-17786, CC2774 (TAS)
D & S ENGINEERING PTY LTD

LYSAGHT BUILDING SOLUTIONS PTY LTD
trading as
RANBUILD
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Project	
SUPER SERIES GARAGE	
Title	
CONSTRUCTION DETAILS	
Date	Drawing Number
AUG 2005	NECON2000
Scale	1:20



MARK	DESCRIPTION	2080 EAVES			3025 EAVES			3200 EAVES		
		3080 BAY	3360 BAY	3780 BAY	3080 BAY	3360 BAY	3780 BAY	3080 BAY	3360 BAY	3780 BAY
C1	CLEARSPAN COLUMN	C15010	C15010	C15010	C15010	C15010	C15010	C15010	C15010	C15010
R1	CLEARSPAN RAFTER	C15010	C15010	C15010	C15010	C15010	C15010	C15010	C15010	C15010
K1	KNEE BRACE #14 TEKS PER END	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3
T1	RAFTER TIE #14 TEKS PER END	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3	Z15010 3
C2	CORNER COLUMN	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
C3	END WALL COLUMN	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
R2	END WALL RAFTER	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
Wbr	WALL BRACING	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM
Rbr	ROOF BRACING	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM	DIAPHRAGM
M1	MULLION	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
M2	MULLION - SHARED	C15012	C15012	C15012	C15012	C15012	C15012	C15012	C15012	C15012
DH1	DOOR HEAD	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
F1	FASCIA	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010	C10010
RB	ROOF BATTEN MAXIMUM SPACING	TS6160 1275	TS6160 1275	TS6175 1275	TS6160 1275	TS6160 1275	TS6175 1275	TS6160 1275	TS6160 1275	TS6175 1275
WB	SIDE WALL BATTEN MAXIMUM SPACING	TS6160 1400	TS6160 1400	TS6175 1400	TS6160 1400	TS6160 1400	TS6175 1400	TS6160 1400	TS6160 1400	TS6175 1400
EB	END WALL BATTEN	TS6160	TS6160	TS6160	TS6160	TS6160	TS6160	TS6160	TS6160	TS6160
PF1	PAD FOOTING D _x W _x W	450x450x450	475x475x475	500x500x500	450x450x450	475x475x475	500x500x500	500x500x500	525x525x525	550x550x550
PF2	PAD FOOTING D _x W _x W	350x350x350	375x375x375	400x400x400	350x350x350	375x375x375	400x400x400	400x400x400	425x425x425	450x450x450
PF3	PAD FOOTING D _x W _x W	400x400x400	400x400x400	400x400x400	400x400x400	400x400x400	400x400x400	400x400x400	400x400x400	400x400x400
SE1	SLAB EDGE D _x W	200x200	200x200	200x200	200x200	200x200	200x200	200x200	200x200	200x200

GENERAL

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND ENGINEERING DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
- DIMENSIONS SHALL NOT BE OBTAINED BY SCALING DRAWING.
- ANY DISCREPANCY SHALL BE REFERRED TO RANBUILD BEFORE PROCEEDING WITH THE WORKS.
- STANDARD DIMENSIONS SHOWN ON THESE DRAWINGS MAY VARY FOR INDIVIDUAL PROJECTS AND ARE TO BE VERIFIED BY THE BUILDER BEFORE CONSTRUCTION. SETTING OUT DIMENSIONS TO BE TAKEN ONLY FROM THE SPECIFIC PROJECT DRAWINGS.
- DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVER STRESSED.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH RELEVANT S.A.A. CODES AND BUILDING REGULATIONS.
- SUBSTITUTIONS ARE TO BE MADE ONLY WITH THE APPROVAL OF THE ENGINEER.

SITE DESCRIPTION

NO GEOTECHNICAL SITE INVESTIGATION IS AVAILABLE. THE SITE IS ASSUMED TO BE NATURAL CLAY GROUND WITH A SAFE BEARING CAPACITY OF 100 kPa AND AS2870 SITE CLASSIFICATION CLASS M. IF DIFFERENT SITE CONDITIONS ARE ENCOUNTERED (EG FILL, SANDY SOIL OR BEDROCK) THE CLIENT SHALL OBTAIN ADVICE FROM A PRACTISING STRUCTURAL ENGINEER.

MINIMUM SITE PREPARATION

STRIP SITE OF ALL TOP SOIL AND DISCARD TO SPOIL. EXPOSED SURFACE IS TO BE PROOF ROLLED AND AREAS REMAINING SOFT OR SPONGY ARE TO BE EXCAVATED TO SPOIL. PLACE APPROVED FILL MATERIAL TO THE REQUIRED BUILDING PLATFORM LEVEL. IN LAYERS NOT EXCEEDING 200mm AND COMPACT BY ROLLING WITH SUITABLE EQUIPMENT TO ACHIEVE A DRY DENSITY RATIO OF 98% STANDARD COMPACTION TO AS1289-E1.1 AT OPTIMUM MOISTURE CONTENT. THE TOP 200mm OF THE BUILDING PLAT-FORM TO BE COMPACTED TO 100% STANDARD DRY DENSITY.

CONCRETE

ALL CONCRETE WORK TO BE IN ACCORDANCE WITH ASS600. CONCRETE STRENGTH F_{cu} TO BE 20 MPa WITH 75mm SLUMP. CONCRETE COVER TO REINFORCEMENT TO BE 30mm FROM TOP OF SLAB. MINIMUM LAP TO REO FABRIC 200mm. CURE SLAB FOR 7 DAYS AFTER PLACEMENT BY MAINTAINING A CONTINUOUSLY WET SURFACE BY APPROVED METHODS. SLOPE THE SITE AWAY FROM BUILDING.

STRUCTURAL STEEL FRAMING

ALL STRUCTURAL STEEL FRAMING TO BE MANUFACTURED FROM HI STRENGTH STEEL CONFORMING TO SAA SPECIFICATION FOR HOT DIPPED ZINC COATED OR ALUMINIUM/ZINC COATED STEEL SHEET AS1937 AND TO HAVE A YIELD STRESS OF 450 MPa. ALL STEELWORK TO BE INSTALLED TO THE MANUFACTURER'S INSTRUCTIONS. THE STRUCTURAL STEEL FRAMING HAS BEEN DESIGNED IN ACCORDANCE WITH SAA COLD FORMED STEEL STRUCTURES CODE AS1538 AND DESIGN TAKES DIAPHRAGM ACTION OF CLADDING INTO ACCOUNT. ALL WALL CLADDING TO BE FIXED WITH AT LEAST 1 TEK PER PAN. ALL ROOF CLADDING TO BE FIXED WITH 1 TEK PER RIB. RAKING ANGLE TO BE FIXED WITH #14 TEK SCREWS FOR EFFECTIVE SHEAR TRANSFER TO END WALL FRAME.

WE, D & S ENGINEERING PTY LTD, BEING CONSULTING STRUCTURAL ENGINEERS WITHIN THE MEANING OF THE BUILDING CODE OF AUSTRALIA, CERTIFY THAT WE HAVE CARRIED OUT A STRUCTURAL ANALYSIS FOR THE BUILDINGS DETAILED ON THIS DRAWING. THE STRUCTURAL ANALYSIS HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE RELEVANT SAA CODES AS NOTED ABOVE AND IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE AND PRINCIPLES: AUGUST 2005.

[Signature]

David Richards
CPEng, RPEQ 2284, RBP EC-17788, CC2774 (TAS)
D & S ENGINEERING PTY LTD

LYSAGT BUILDING SOLUTIONS PTY LTD
trading as
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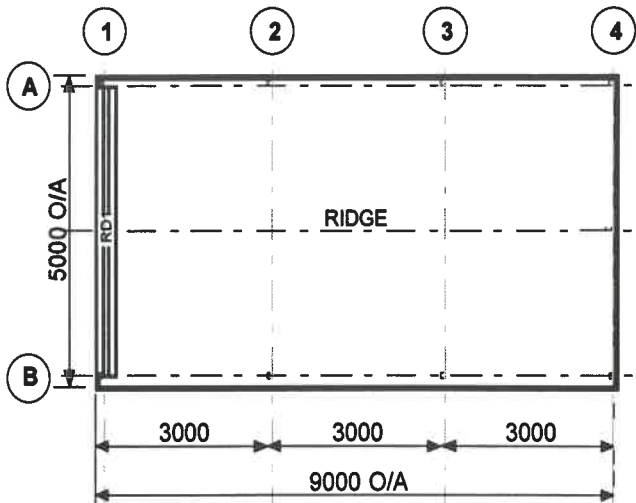
Project
SUPER SERIES ENCLOSED GARAGE
6.1m SPAN x 2.8, 3.025 & 3.2m EAVES IN 3.08, 3.36 & 3.78m BAYS

Title
STRUCTURAL LAYOUT, SPECIFICATION, SCHEDULE & CONSTRUCTION DETAILS

Date AUG. 05 Drawing Number
NE61-V41N-ES

Scale 1:20, 1:200

STEELFRAME & CONCRETE SCHEDULE



FRAME ROOF PLAN



ELEVATION GRID B



ELEVATION GRID A

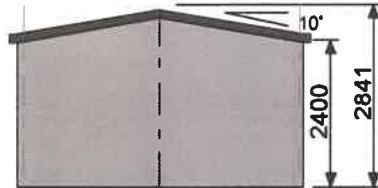
West Tamar Council
 This document is one of the documents relevant to the permit issued for building work as identified by

Permit No: **2 0 0 6 0 5 1**

Building Permit Document
 SECTION GRID 2,3

Date Permit Issued: *2/3/06*

Permit Authority: *[Signature]*



ELEVATION GRID 4

West Tamar Council
 This document is one of the documents relevant to the permit issued for plumbing work as identified by

Permit No: **2 0 0 6 0 5 1**

Plumbing Permit Document

Date Permit Issued: *2-3-06*

Permit Authority: *[Signature]*

ELEVATION GRID 1



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CLADDING			
ITEM	PROFILE	FINISH	COLOUR
ROOF	HIGH	COLORBOND	PE
WALLS	LOW	COLORBOND	CC
BARGE	-	COLORBOND	PE
GUTTER	SHEERLINE	COLORBOND	PE
DOWNPIPE	100x50	COLORBOND	CC

ACCESSORY SCHEDULE & LEGEND		
QTY	MARK	DESCRIPTION
1	RD1	Gliderol R.D. Manual "AA", 2400 high x 4680 wide C/B

ARCHITECTURAL DRAWING ONLY
 NOT FOR CONSTRUCTION USE

WIND DESIGN				
CLASS	REGION	TERRAIN	Vd	ENGINEERING
NORMAL	A	ES	41	V41N-ES

CLIENT
Mark Wheatley

SITE
**11 Stephensdale Road
 RIVERSIDE TAS 7250**

BUILDING
**SUNDOWN SUPER
 5000 SPAN x 2400 EAVE x 9000 LONG**

TITLE
FLOOR PLAN & ELEVATION

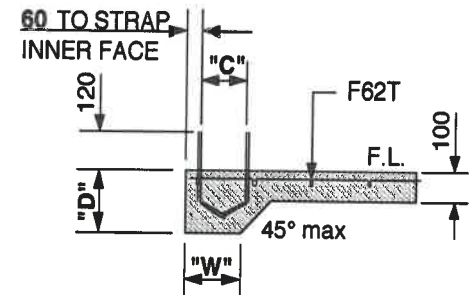
SCALE A4 SHEET 1:125	DRAWING NUMBER LAUNC2-8621	PAGE 1/1
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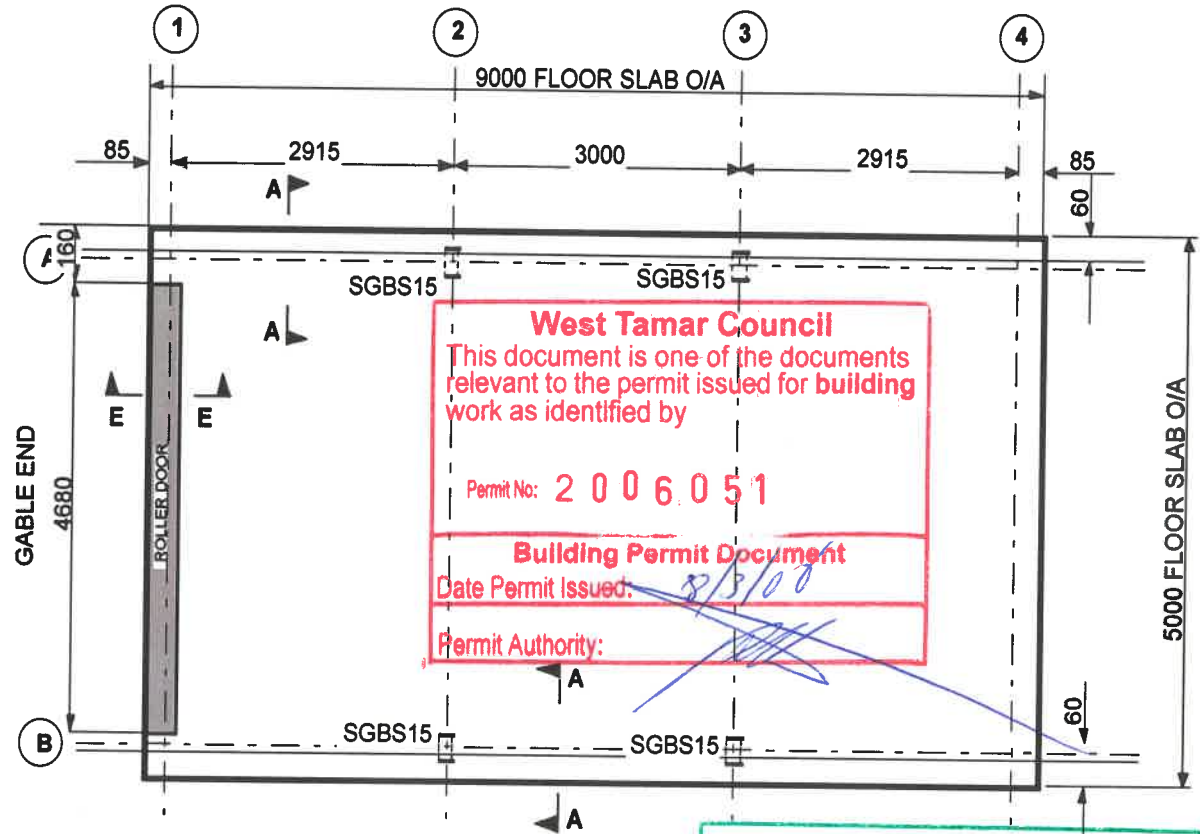
NOTES
 SEE ERECTION INSTRUCTIONS FOR SECTION & SLAB DETAILS
 SEE RICHARDS ENGINEERS DRG'S NECON2000, NE61-V41N-ES FOR ADDITIONAL DET'S NOTES & CONCRETE SPECIFICATION

"D" = 200 "W" = 200
 "C" = 154 FOR SGBS15



SECTION A - A
 SLAB & BASE STRAP LOCATION

SET DOWN ALL SHADED AREAS 50mm



BASE STRAP & HD BOLT SCHEDULE
 4 REQ'D BASE STRAP SGBS15

West Tamar Council
 This document is one of the documents relevant to the permit issued for building work as identified by
 Permit No: **2 0 0 6 0 5 1**
Building Permit Document
 Date Permit Issued: *8/3/06*
 Permit Authority: *[Signature]*

West Tamar Council
 This document is one of the documents relevant to the permit issued for plumbing work as identified by
 Permit No: **2 0 0 6 0 5 1**
Plumbing Permit Document
 Date Permit Issued: *2-3-06*
 Permit Authority: *[Signature]*

CLIENT
Mark Wheatley

SITE
**11 Stephensdale Road
 RIVERSIDE TAS 7250**

BUILDING
**SUNDOWN SUPER
 5000 SPAN x 2400 EAVE x 9000 LONG**

TITLE
RC SLAB PLAN

SCALE NTS	DRAWING NUMBER RSP-8621	PAGE 1/1
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