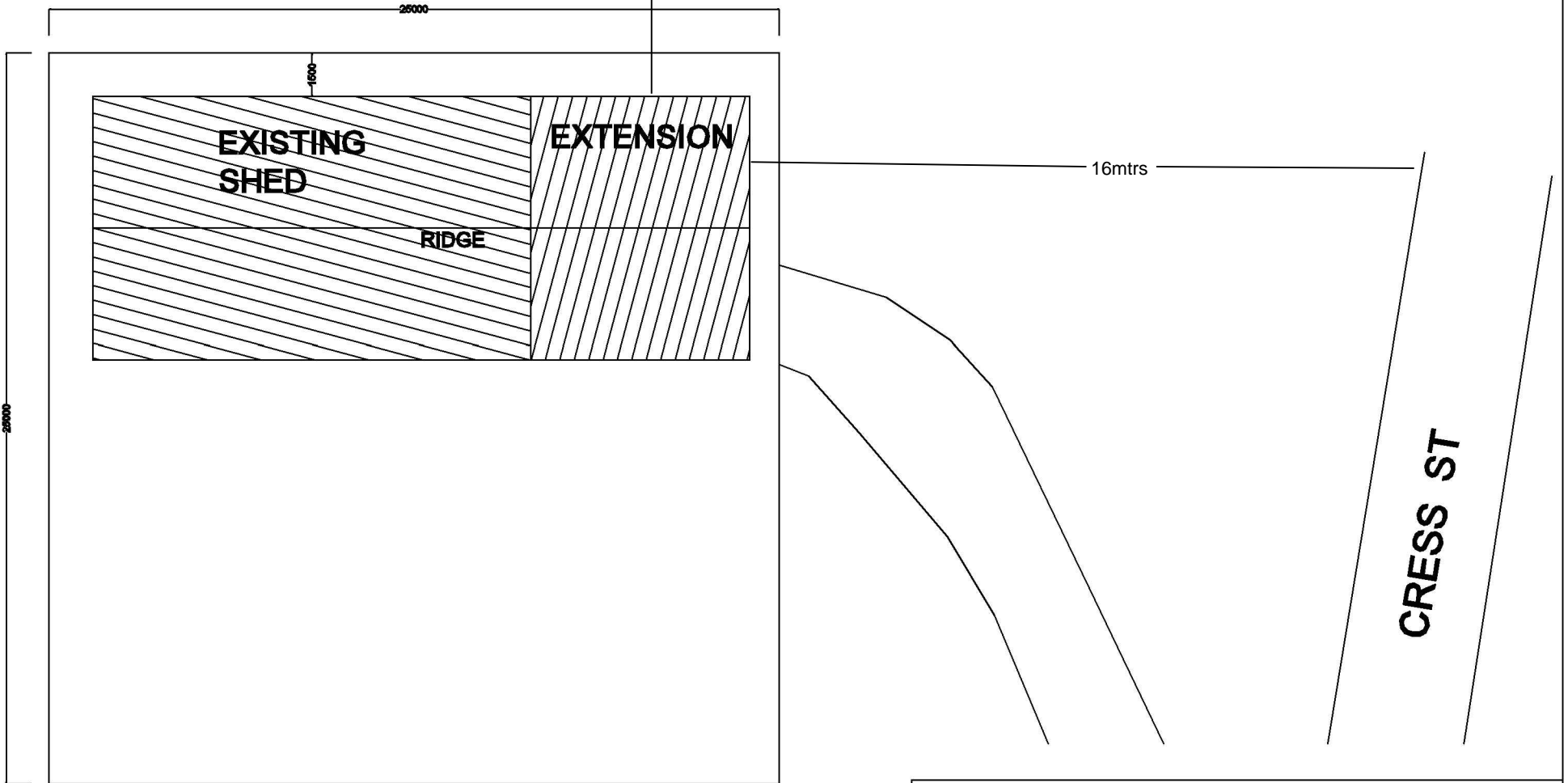


**WILLOWBURN
PARK**

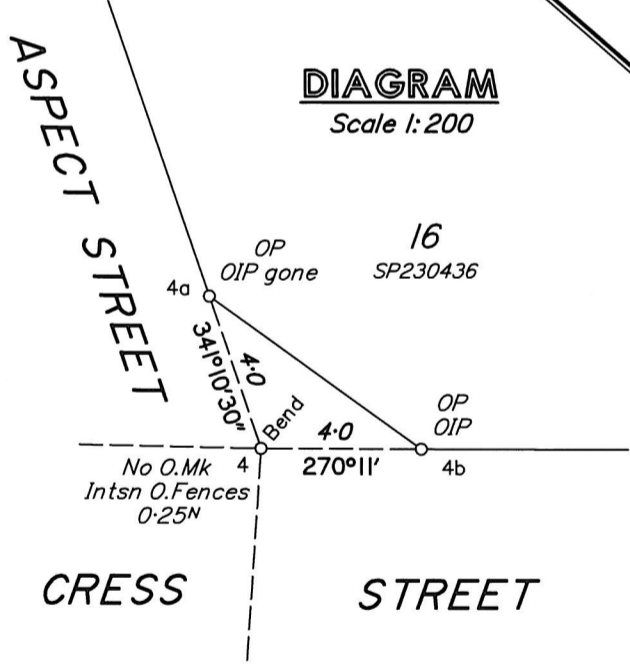
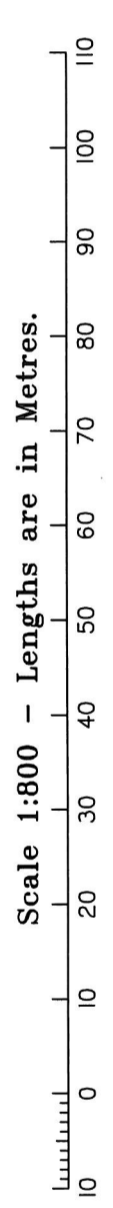
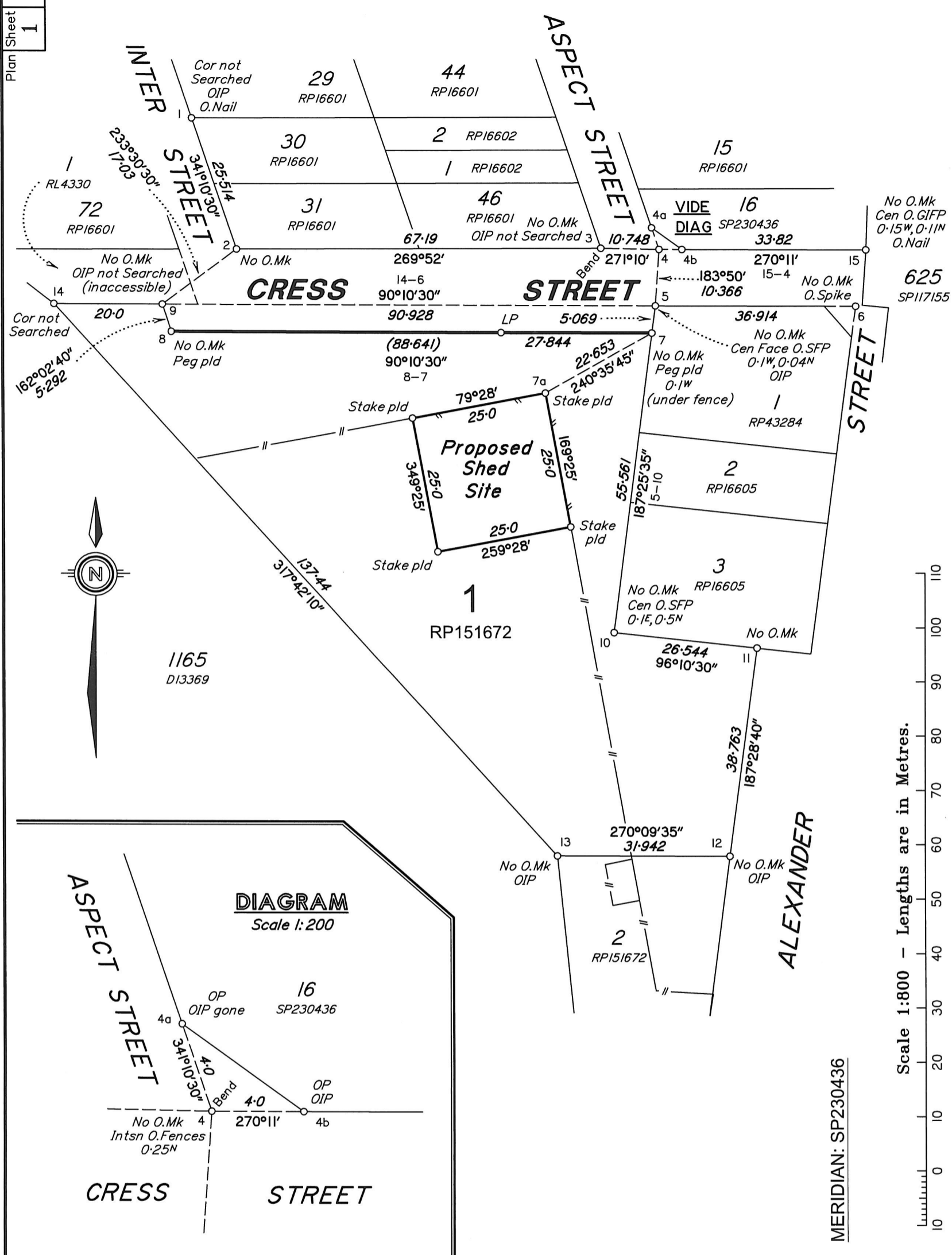
35mtrs

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20.06.2017
**TOOWOOMBA
REGIONAL COUNCIL**



SITE DETAIL

LIONS CLUB TOOWOOMBA WEST
LOT 1 RP151672 CRESS ST TOOWOOMBA QLD 4350



REFERENCE MARKS

STN	TO	REMARKS	BEARING	DIST
1	OIP	7/1S102085	175°36'	0.7
1	O.Nail in Kerb	6/1S220002	326°45'30"	8.425
3	OIP not Searched	RP220595	305°47'	1.129
4a	OIP gone	20/SP230436	337°21'	0.87
4b	OIP	18/SP230436	114°49'	0.76
5	OIP	9/SP230436	63°27'	1.17
6	O.Spike in Bit	15/SP230436	168°50'	1.33
7	Pin		332°06'	1.05
8	Pin		141°17'30"	0.53
9	OIP not schd (inaccessible)	23/RP151672	342°03'10"	1.61
12	OIP	10/RP151672	90°10'35"	1.32
13	OIP	13/RP151672	270°10'35"	1.022
15	O.Nail in Bit	17/SP230436	152°24'	11.236

DISCLAIMER

This plan is an identification survey only and as such is not examined for registration by the Department of Environment & Resource Management, although it is lodged in that office for survey information only in accordance with the Survey and Mapping Infrastructure Act 2003. No responsibility can therefore be accepted for any future difference in boundary definition which may result from re-surveys of adjoining lands or subsequent registration of new survey plans.

MINSTAFF SURVEY PTY. LTD. ACN 069 506 887, hereby certify that the land comprised in this plan was surveyed by the corporation, by Samuel Thomas FAULKNER, Surveying Graduate, for whose work the corporation accepts responsibility under the supervision of Rowan Kirk DICKFOS, Cadastral Surveyor, and that the plan is accurate, that the said survey was performed in accordance with the Survey and Mapping Infrastructure Act 2003 and Surveyors Act 2003 and associated Regulations and Standards and that the said survey was completed on 5/9/2011.

Date: 16/9/11. Director:

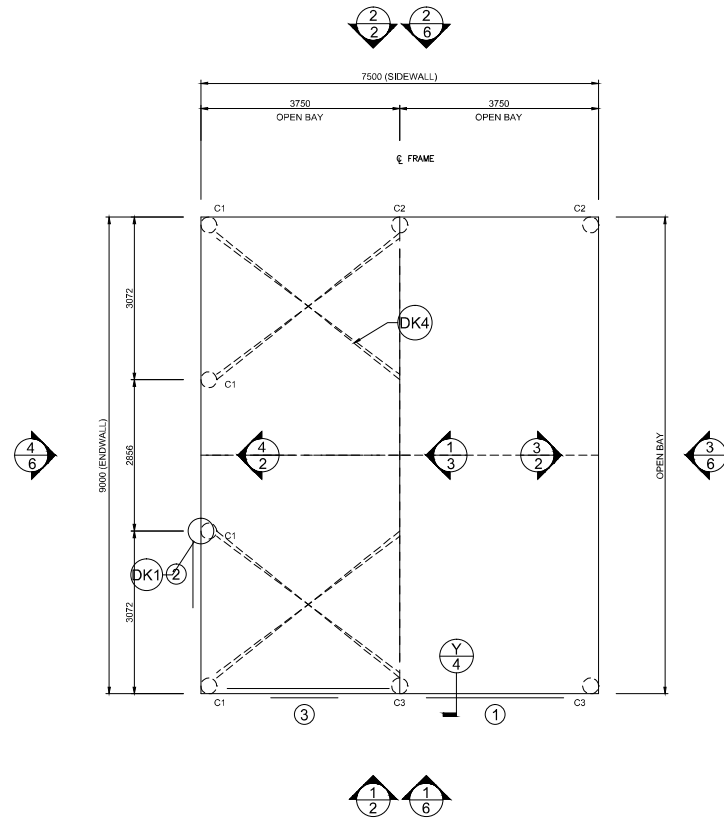


CONSULTING, CADASTRAL & ENGINEERING SURVEYORS, TOWN PLANNERS & LAND DEVELOPMENT CONSULTANTS
P: 07 4637 9790 F: 07 4637 8277 E: admin@minstaffsurvey.com

<p>MinStaff Survey Pty Ltd ACN 069 506 887</p> <p>Head Office Toowoomba PO Box 974 Suite 5 Capital Place 195-197 Hume Street Toowoomba Qld 4350</p> <p>Servicing South Burnett Darling Downs Western Downs Southern Downs Sunshine Coast</p>	<p>DESIGNED: Stanfield's</p> <p>DRAWN:</p> <p>CHECKED:</p> <p>APPROVED:</p> <p>LEVEL DATUM:</p> <p>FIELD BOOK:</p>	<p>ASSOCIATED PROJECT CONSULTANTS:</p> <p>PROJECT: LYONS CLUB</p>	<p>REFERENCE No.: T0444</p> <p>DWG No.:</p> <p>MAP REF: 9242-11133</p> <p>CAD FILE: IS236621 110916</p>	<p>SCALE: 1:800</p> <p>DATE: 08/09/2011</p>
<p>IDENTIFICATION SURVEY</p> <p>OF PART OF LOT 1 ON RP151672</p> <p>PARISH OF DRAYTON COUNTY OF AUBIGNY LOCALITY OF NORTH TOOWOOMBA</p>				
<p>IS236621</p>				

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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT
SCALE: 1 = 100

MEMBER LEGEND

C1	C15012
C2	C15024
C3	C15019

ROOF STRAP BRACING TO BE CONNECTED TO THE PURLIN CLOSEST TO THE LINE OF THE END WALL MULLION

DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

1 OF 6 SHEET
JOB NO. HFLD10650
DATE 10/5/2017
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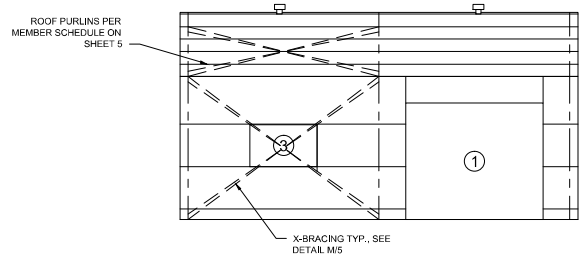
STEEL BUILDING BY (CONTACT)
ACACIA SHEDS & PATIOS
0417 742 837
FOR
MARSHALL COX LIONS CLUB WEST
AT
4-6 CRESS STREET
NORTH TOOWOOMBA



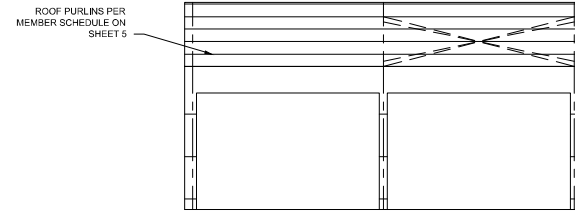
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Civil & Structural Engineers
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Fax: 07 4725 5850
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ABN 341 008 173 56
Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. EC36892
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ
Registered Professional Engineer 2558980
Signature *T. Messer*
Date 10/5/2017
Registered on the NPER in the areas of practice
of Civil & Structural National Professional
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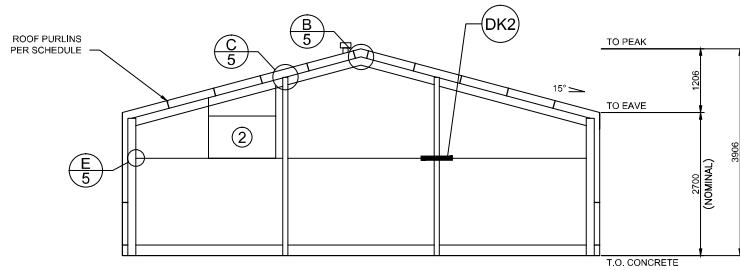
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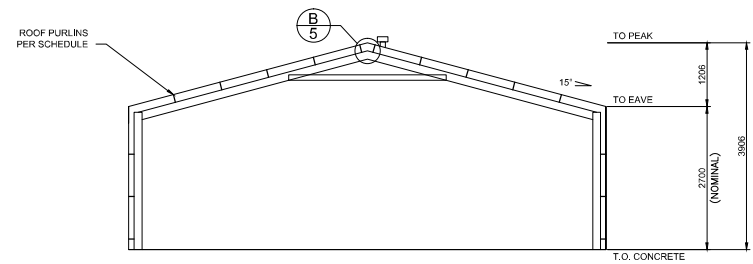
1 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 100



4 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 100



3 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 100

X BRACING IS REQUIRED IN 2 SIDE BAY(S) AND 1 ROOF BAY(S) (BOTH SIDES).
FLY BRACING IS INCLUDED TO BE PLACED ON EVERY SECOND PURLIN AND GIRT ON ENDWALL MULLIONS, INTERNAL COLUMNS AND INTERNAL RAFTERS.

2 OF 6 SHEET

JOB NO. HFLD10650

DATE 10/5/2017

CHECKED TM

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STEEL BUILDING BY (CONTACT)

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Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

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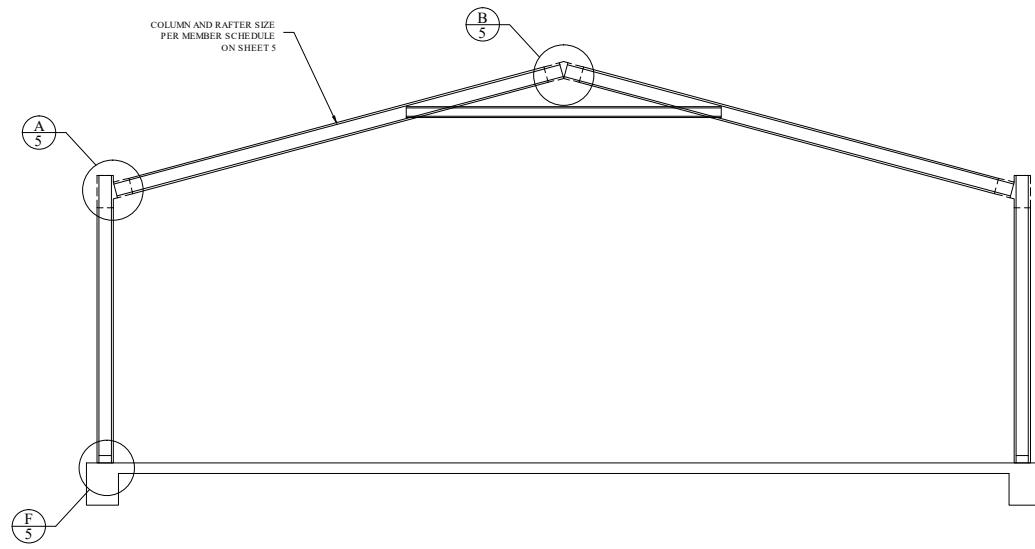
Mr Timothy Roy Messer BE MIEAust RPEQ
Registered Professional Engineer 2558980

Signature *T. Messer*

Date 10/5/2017

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1 3 INTERNAL FRAME SECTION
SCALE: 1 = 50

Refer to Sheet #4 for concrete specification.

SHEET 3 OF 6
 JOB NO. HFLD10650
 DATE 10/5/2017
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 Regn. No. 116373ES
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STRUCTURAL GENERAL NOTES

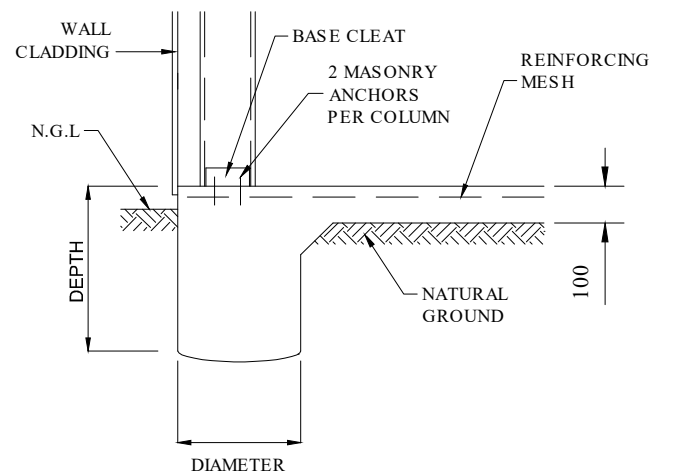
- GOVERNING CODE :** NATIONAL CONSTRUCTION CODE (NCC), LOADING TO AS1170 - ALL SECTIONS, BUILDING SUITABLE AS EITHER A PRIVATE GARAGE CLASS 10A, OR A FARM SHED (CLASS 7 OR 8), UNLESS OTHERWISE SPECIFICALLY NOTED. FOR USE AS A FARM SHED, IT MUST MEET THE FOLLOWING REQUIREMENTS:
 - BE LESS THAN 2000 SQM IN AREA (INCLUSIVE OF ANY MEZZANINE FLOOR AREA).
 - MUST BE LOCATED ON A FARM AND USED IN CONNECTION WITH FARMING PURPOSES (AS DEFINED IN NCC 2016).
 - BUILDING IS NOT TO BE OCCUPIED FREQUENTLY NOR FOR EXTENDED PERIODS BY PEOPLE, WITH A MAXIMUM OF 1 PERSON PER 200 SQM OR 2 PERSONS MAXIMUM IN TOTAL WHICHEVER IS THE LESSER.
- DRAWING OWNERSHIP :** THESE DRAWINGS REMAIN THE PROPERTY OF FBHS (AUST) PTY LIMITED. ENGINEERING SIGNATURE AND CERTIFICATION IS ONLY VALID WHEN BUILDING IS SUPPLIED BY A DISTRIBUTOR OF FBHS. DRAWINGS ARE PROVIDED FOR THE EXCLUSIVE PURPOSES OF CERTAIN BUILDING CONSTRUCTION. ANY OTHER USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM FBHS.
- DRAWING SIGNATURE REQUIREMENTS :** THESE DRAWINGS ARE NOT VALID UNLESS SIGNED BY THE ENGINEER. THE ENGINEER ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR DRAWINGS WITHOUT A SIGNATURE. EACH TITLE BLOCK CONTAINS A WATER MARK UNDER THE CUSTOMER'S NAME CONTAINING THE DATE OF PRODUCTION OF THE DRAWINGS; THE DRAWINGS ARE TO BE SUBMITTED TO COUNCIL WITHIN 21 DAYS OF THIS DATE. THIS IS TO ENSURE THAT ONLY CURRENT DRAWINGS ARE IN CIRCULATION.
- CONTRACTOR RESPONSIBILITIES :** CERTIFIER AND CONTRACTOR TO CONFIRM (ON SITE) THAT THE WIND LOADINGS APPLIED TO THIS DESIGN ARE TRUE AND CORRECT FOR THE ADDRESS STATED IN THE TITLE BLOCK. CONTRACTOR SHALL VERIFY AND CONFIRM ALL EXISTING CONDITIONS AND DIMENSIONS. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR MUST NOT MAKE ANY DEVIATION FROM THE PROVIDED PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM ONE OF THE UNDERSIGNING ENGINEERS. THE ENGINEER / FBHS TAKE NO RESPONSIBILITY FOR CHANGES MADE WITHOUT WRITTEN APPROVAL. CONTRACTOR IS RESPONSIBLE FOR ENSURING NO PART OF THE STRUCTURE BECOMES OVERSTRESSED DURING CONSTRUCTION. BUILDING IS NOT STRUCTURALLY ADEQUATE UNTIL THE INSTALLATION OF ALL COMPONENTS AND DETAILS SHOWN IS COMPLETED IN ACCORDANCE WITH THESE DRAWINGS. THE INDICATED FINISHES, SIZES AND APPROXIMATE. DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. FOR FURTHER DIRECTIONS ON CONSTRUCTION THE CONTRACTOR SHOULD CONSULT THE APPROPRIATE INSTRUCTION MANUAL.
- ENGINEERING :** THE ENGINEER / FBHS ARE NOT ACTING AS PROJECT MANAGERS FOR THIS DEVELOPMENT, AND WILL NOT BE PRESENT DURING CONSTRUCTION. THE UNDERSIGNING ENGINEERS HAVE REVIEWED THIS BUILDING FOR CONFORMITY ONLY TO THE STRUCTURAL DESIGN PORTIONS OF THE GOVERNING CODE. THE PROJECT MANAGER IS RESPONSIBLE FOR ADDRESSING ANY OTHER CODE REQUIREMENTS APPLICABLE TO THIS DEVELOPMENT. THESE DOCUMENTS ARE STAMPED ONLY AS TO THE COMPONENTS SUPPLIED BY FBHS. IT IS THE RESPONSIBILITY OF THE PURCHASER TO COORDINATE DRAWINGS PROVIDED BY FBHS WITH OTHER PLANS AND/OR OTHER COMPONENTS THAT ARE PART OF THE OVERALL PROJECT. IN CASES OF DISCREPANCIES, THE LATEST DRAWINGS PROVIDED BY FBHS SHALL GOVERN. NO ALTERATIONS TO THIS STRUCTURE (INCLUDING REMOVAL OF CLADDING) ARE TO BE UNDERTAKEN WITHOUT THE CONSENT OF THE CERTIFYING ENGINEER.
- INSPECTIONS :** NO SPECIAL INSPECTIONS ARE REQUIRED BY THE GOVERNING CODE ON THIS JOB. ANY OTHER INSPECTIONS REQUESTED BY THE LOCAL BUILDING DEPARTMENT SHALL BE CONDUCTED AT THE OWNER'S EXPENSE.
- SOIL REQUIREMENTS :** SITE CLASSIFICATION TO BE A, S OR M ONLY. SOIL SAFE BEARING CAPACITY VALUE INDICATED ON DRAWING SHEET 4 OCCURS AT 100mm BELOW FINISH GRADE, EXISTING NATURAL GRADE, OR AT FROST DEPTH SPECIFIED BY LOCAL BUILDING DEPARTMENT, WHICHEVER IS THE LOWEST ELEVATION. REGARDLESS OF DETAIL Y ON SHEET 4 THE MINIMUM FOUNDATION DEPTH SHOULD BE 100mm INTO NATURAL GROUND OR BELOW FROST DEPTH SPECIFIED BY LOCAL COUNCIL. ROLLED OR COMPACTED FILL MAY BE USED UNDER SLAB, COMPACTED IN 150mm LAYERS TO A MAXIMUM DEPTH OF 900mm. CONCRETE FOUNDATION EMBEDMENT DEPTHS DO NOT APPLY TO LOCATIONS WHERE ANY UNCOMPACTED FILL OR DISTURBED GROUND EXISTS OR WHERE WALLS OF THE EXCAVATION WILL NOT STAND WITHOUT SUPPLEMENTAL SUPPORT, IN THIS CASE SEEK FURTHER ENGINEERING ADVICE.
- CLASS 10a or CLASS 7 FOOTING DESIGNS :** THE FOUNDATION DOCUMENTED IS ALSO APPROPRIATE FOR CLASS 10a or CLASS 7 BUILDING DESIGNS ON "M-D", "H", "H-D" OR "M" CLASS SOILS, IF TOTAL SLAB AREA IS UNDER 100m² SQUARE AND THE MAXIMUM SLAB DIMENSION (LENGTH AND WIDTH) IS LESS THAN 12m. PLEASE BE AWARE THAT THE SLAB DESIGN FOR H & E CLASS SOILS IN THESE INSTANCES ARE DESIGNED TO EXPERIENCE SOME CRACKING. THIS CRACKING IS NOT CONSIDERED A STRUCTURAL FLAW OR DESIGN ISSUE, AND IS SIMPLY COSMETIC IN NATURE. IF THIS IS A CONCERN TO THE CLIENT IT IS ADVISED THEY DISCUSS OTHER OPTIONS WITH THE RELEVANT DISTRIBUTOR PRIOR TO THE POURING OF THE SLAB.
- CONCRETE REQUIREMENTS :** ALL CONCRETE DETAILS AND PLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH AS2870 AND AS3600. CONCRETE SHALL HAVE A MIN. 28-DAY STRENGTH OF 20MPa FOR EXPOSURE A1 & B1, 25MPa FOR EXPOSURE A2 & B2 AND 30MPa FOR EXPOSURE C, IN ACCORDANCE WITH SECTION 4, AS3600. CEMENT TO BE TYPE A. MAX AGGREGATE SIZE OF 20mm. SLIMP TO BE 80mm +/-15mm. SLABS TO BE CURED FOR 7 DAYS BY WATERING OR COVERING WITH A PLASTIC MEMBRANE, AFTER WHICH CONSTRUCTION CAN BEGIN, DUE CARE GIVEN NOT TO OVER-TIGHTEN HOLD DOWN BOLTS. GIVEN ALLOWABLE SOIL TYPES 1 LAYER OF S1/2 REINFORCING MESH IS TO BE INSTALLED ON STANDARD SLABS WITH A MINIMUM 50mm COVER FROM CONCRETE SURFACE. CONCRETE REINFORCING TO CONFORM TO AS 1302, AS1303 & AS 1304. ALL REINFORCING COVER TO BE A MINIMUM OF 30mm.
- STRUCTURAL STEEL REQUIREMENTS :** ALL STRUCTURAL STEEL, INCLUDING SHEETING THICKS EXCLUDING CONCRETE REINFORCING, SHALL CONFORM TO AS 1397 (GAUGE <= 1mm fy = 550MPa, GAUGE > 1mm < 1.5mm fy = 500MPa, GAUGE >= 1.5mm fy = 450MPa). NO WELDING IS TO BE PERFORMED ON THIS BUILDING. ALL STRUCTURAL MEMBERS AND CONNECTIONS DESIGNED TO AS4600. ALL BOLT HOLE DIAMETERS TO STRAMIT GENERAL FINCHINGS.
- DESIGN WIND REQUIREMENT :** THE FRAME AS A BASIC STRUCTURE IS DESIGNED AS AN "AIR LEAN BUILDING" IN COMPLIANCE WITH AS 1170.5.3, AS SUCH, SHOULD A WINDOW OR DOOR FAIL, INTEGRITY OF THE BUILDING WILL BE MAINTAINED.
- FOOT TRAFFIC :** FOR ERECTION AND MAINTENANCE PLEASE NOTE THE FOLLOWING DEFINED FOOT TRAFFIC ZONES:
 - CORRIDOR: WALK ONLY WITHIN 200mm OF SCREEN LINES. FEET SPREAD OVER AT LEAST TWO RIBS.
 - MANCLAD: WALK ONLY IN FANS, OR ON RIBS AT SCREEN LINES.

PROJECT DESIGN CRITERIA	
ROOF LIVE LOAD:	0.25 kPa
BASIC WIND SPEED:	VR 45 m/s
SITE WIND SPEED:	Vs at B, 39 m/s
WIND REGION:	Reg A
TOPOGRAPHY FACTOR, k_t :	1
SHIELDING FACTOR, k_d :	1
MAX GROUND SNOW LOAD:	NA
MAX ROOF SNOW LOAD:	NA
SITE ALTITUDE:	NA
TERRAIN CATEGORY:	Tcat 2.5
SOIL SAFE BEARING CAPACITY:	100 kPa
RETURN PERIOD:	1:500
LIMITING CPI 1:	-0.3
LIMITING CPI 2:	0.2
IMPORTANCE LEVEL:	2

DETAIL KEYS	
(DK1)	ENDWALL VERTICAL MULLION (SEE DETAIL C/S FOR TOP CONN. AND F/S FOR BASE CONN.)
(DK2)	FLYBRACING PER DETAIL L/S
(DK3)	X-BRACING IN ROOF ABOVE (SEE DETAIL M/S)
(DK4)	DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/S)

DOOR SCHEDULE					
DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS
①	2590	2200	2.000 X 2.665 ZIA SERIES A	SINGLE	
②	1270	790	WINDOW	SINGLE	
③	1270	790	WINDOW	SINGLE	

NOTES: 1) SEE SHEET 5 FOR DOOR OPENING FRAMING INFORMATION.
2) ALL DOOR & WINDOW MEASUREMENTS ARE ACTUAL DOOR/WINDOW SIZE NOT OPENING SIZE.



300 x 400
Diameter x Depth (mm)

N.G.L. - NATURAL GROUND LINE

Y	BORED LOCAL THICKENING DETAIL	SBOMA
---	-------------------------------	-------

4 OF 6 SHEET	DRAWN	FDS
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JOB NO.	HFD1010650	
DATE	10/5/2017	

STEEL BUILDING BY (CONTACT)

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0417 742-837

MARSHALL COX LIONS CLUB WEST

4-6 CRESS STREET
NORTH TOOWOOMBA

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Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. EC36692
Regn. No. CC5648M

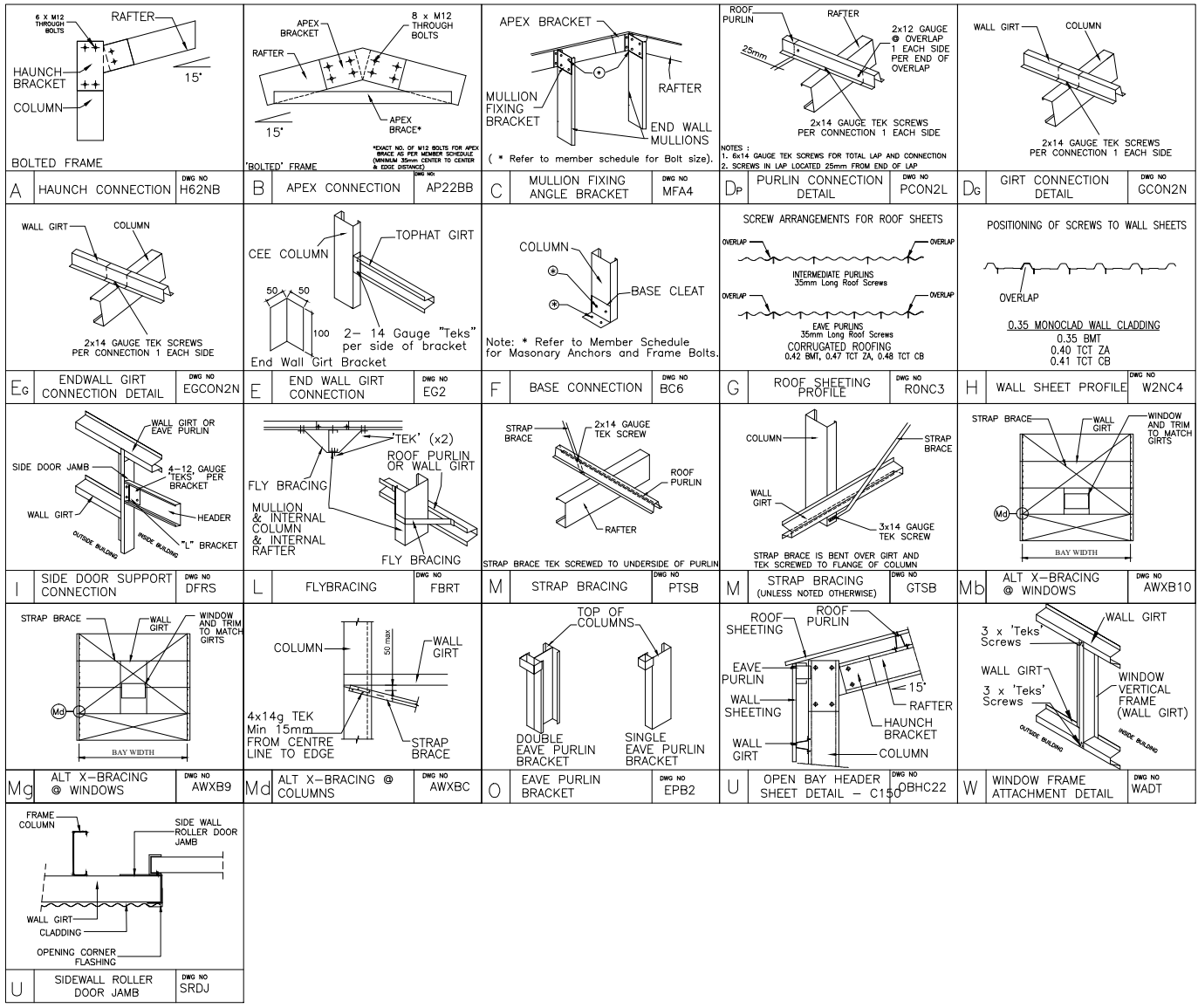
Mr Timothy Roy Messer BE MIEAust RPEQ
Registered Professional Engineer 2558980

Signature: *T. Messer*

Date: 10/5/2017

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MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C15012
2	C.S. FRAME RAFTER	Single C15024
3	END FRAME COLUMN (C1)	Single C15012
4	END FRAME OPEN BAY COLUMN (C1)	Single C15012
5	C.S. FRAME COLUMN (C3)	Single C15019
6	C.S. FRAME OPEN BAY COLUMN (C2)	Single C15024
7	MULLION (C1)	Single C15012
8	C.S. FRAME APEX BRACE	Single C10015 @ 2.97 LONG 2 bbs each end
9	APEX POSITION FROM RAFTER END	1.54m
10	ANCHOR BOLTS (# PER DETS.)	Sleeve Anchor 12.0x75 Z/Y
11	EAVE PURLIN	C10015 (Eave Purlin Bracket 29mm down from top of column)
12	TYP. ROOF PURLIN SIZE	Tophat 64 x 1.0
13	MAIN BLDG. PURLIN SPACING	0.91 m. (5 rows) (Max Allow. 0.94m)
14	MAIN BLDG. PURLIN LENGTH	3.94 m. (0.19m Overlap)
15	TYP. SIDEWALL GIRT SIZE	Tophat 64 x 1.0
16	MAIN BLDG. SIDEWALL GIRT SPACING	0.80 m. (3 rows) (Max Allow. 1.12m)
17	MAIN BLDG. SIDEWALL GIRT LENGTH	3.85 m. (0.1m Overlap)
18	TYP. ENDWALL GIRT SIZE	Tophat 64 x 1.0
19	MAIN BLDG. ENDWALL GIRT SPACING	1.64 m. (2 rows) (Max Allow. 1.73m)
20	MAIN BLDG. ENDWALL GIRT LENGTH	2.96 m. (0.1m Overlap)
21	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
22	FRAME BOLT FASTENERS	Purfin Assy M12x30 Z/P
23	X-BRACING STRAP AND FASTENERS	Single Bracing Strap Per Roll Heavy
24	WALL COLOUR	ZINCALUME
25	ROOF COLOUR	ZINCALUME
26	ROLLER DOOR COLOUR	ZINCALUME
27	WINDOW COLOUR	ZINCALUME
28	ROOF VENT COLOUR	MILL
29	DOWNPIPE COLOUR	ZINCALUME
30	GUTTER COLOUR	ZINCALUME
31	CORNER FLASHING COLOUR	ZINCALUME
32	BARGE FLASHING COLOUR	ZINCALUME
33	OPENING FLASHING COLOUR	ZINCALUME
34	OPEN BAY HEADER HEIGHT	0.5

"C.S." = CLEARSPAN "L" = LEFT "R." = RIGHT

5 OF 6 SHEET

FOR AT

DATE 10/5/2017

CHECKED TM

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STEEL BUILDING BY (CONTACT)

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MARSHALL COX LIONS CLUB WEST
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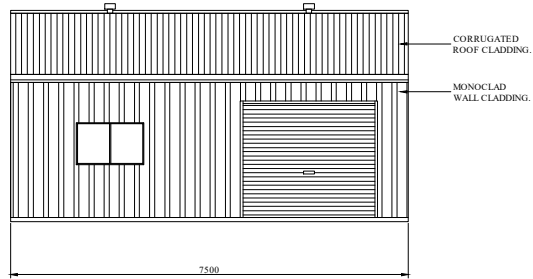
Mr Timothy Roy Messer BE MIE Aust RPEQ
 Registered Professional Engineer 2558980

Signature *T. Messer*

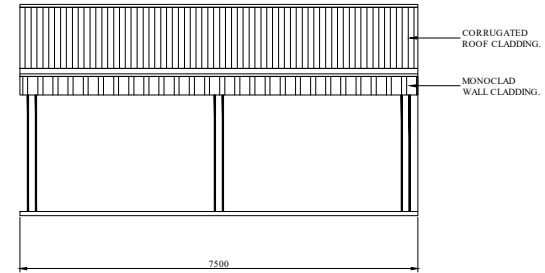
Date 10/5/2017

Registered on the NPER in the areas of practice
 of Civil & Structural National Professional
 Engineers Register

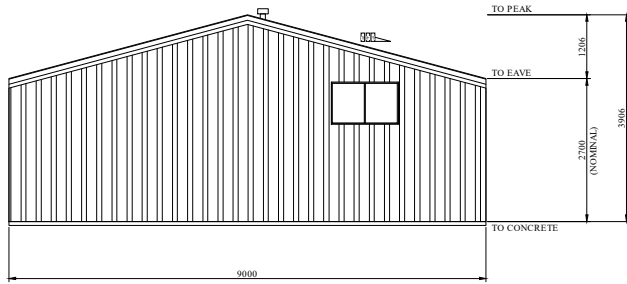
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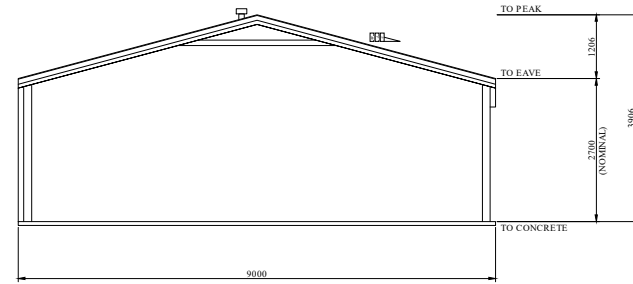
1
6 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



2
6 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



4
6 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 100



3
6 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 100

BUILDING COLOURS

WALL	ZINCALUME
ROOF	ZINCALUME
ROLLER DOOR	ZINCALUME
WINDOW	ZINCALUME
ROOF VENT	MIL
DOWNPIPE	ZINCALUME
GUTTER	ZINCALUME
CORNER FLASHING	ZINCALUME
BARGE FLASHING	ZINCALUME
OPENING FLASHING	ZINCALUME

6 OF 6
SHEET
JOB NO. HFLD10650
DATE 10/5/2017
CHECKED TM
DRAWN FDS

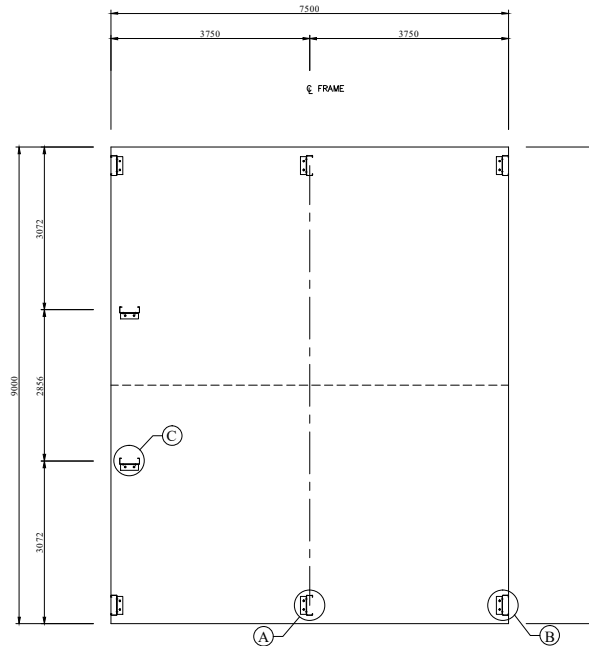
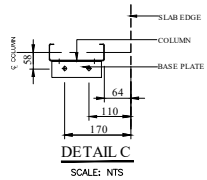
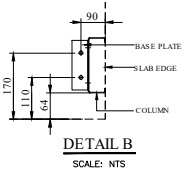
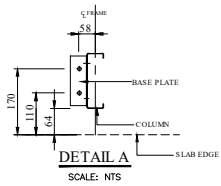
STEEL BUILDING BY (CONTACT)
ACACIA SHEDS & PATIOS
0417 742 837
MARSHALL COX LIONS CLUB WEST
4-6 CRESS STREET
NORTH TOOWOOMBA



NORTHERN CONSULTING ENGINEERS
Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Mr Timothy Roy Messer BE MIE Aust RPEQ
Registered Professional Engineer 2558980
Signature *T. Messer*
Date 10/5/2017
Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register

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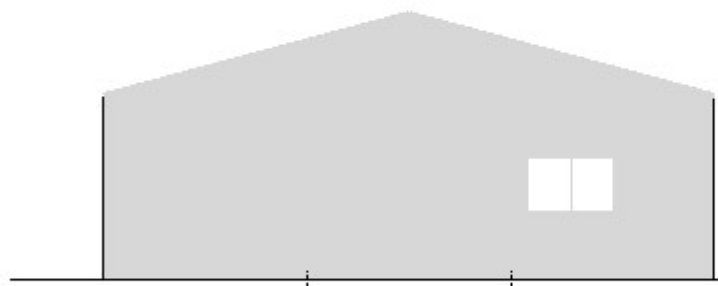
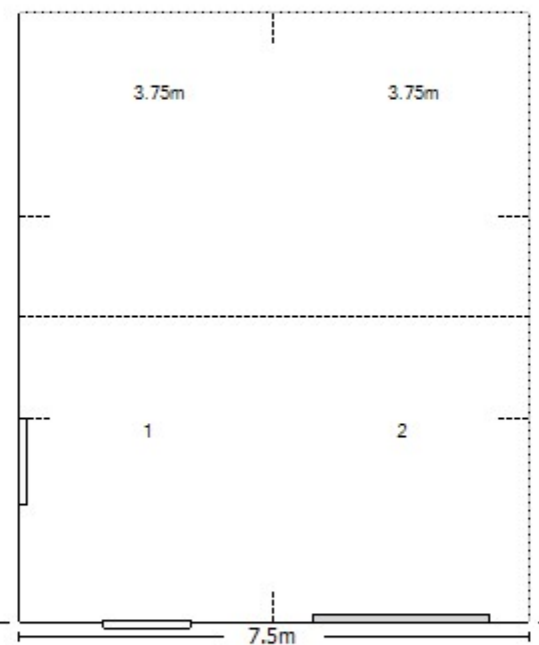
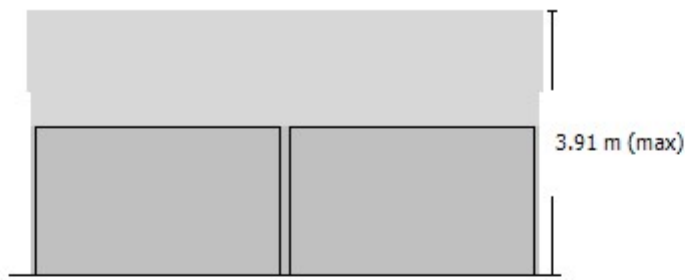
BOLT LAYOUT PLAN
SCALE: 1 = 100

IF YOU HAVE A ROLLER DOOR IN THE GABLE END OF YOUR SHED, CONTACT YOUR DISTRIBUTOR TO SEE IF MULLION NEEDS TO BE ROTATED FOR USE AS A DOOR JAMB.

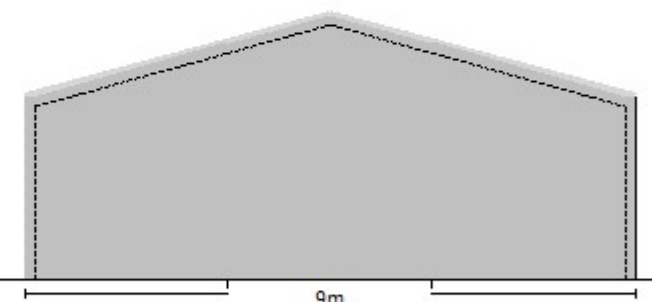
NOT PART OF COUNCIL APPLICATION DOCUMENTATION

JOB NO. HF1D10650	DATE 10/5/2017	CHECKED TM	DRAWN FDS	STEEL BUILDING BY		<h1>BOLT LAYOUT PLAN</h1>
				FOR ACACIA SHEDS & PATIOS 0417 742 837 AT MARSHALL COX LIONS CLUB WEST 4-6 CRESS STREET NORTH TOOWOOMBA		

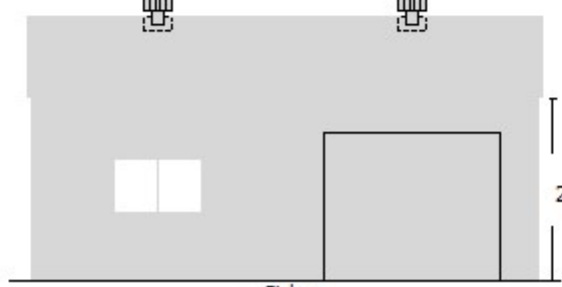
Building For:
Marshall Cox Lions Club West
4-6 Cress Street North Toowoomba
Job Number: 10650
Produced by:
Acacia Sheds & Patios
Phone: 0417 742 837



Left End



Right End



Side

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