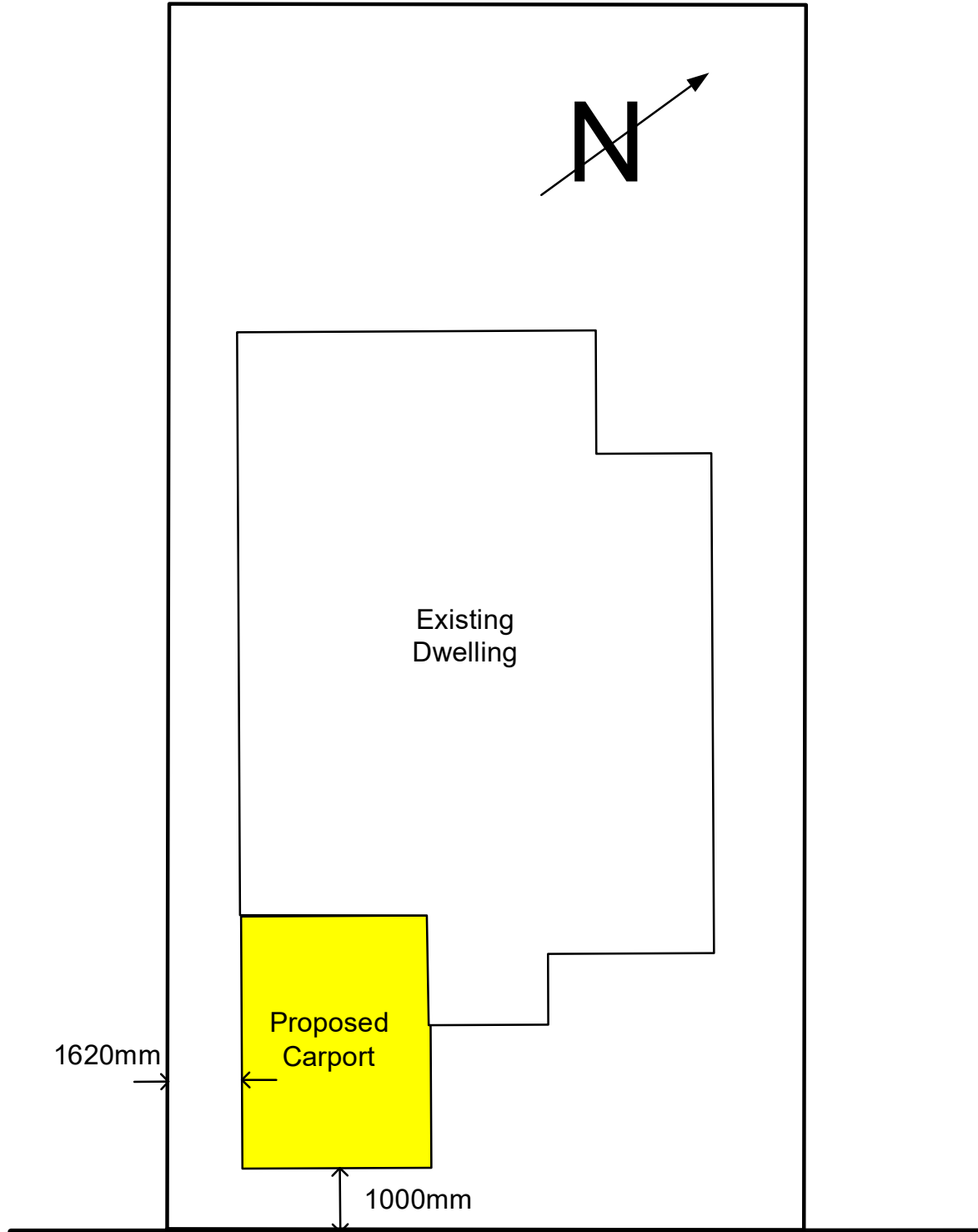


SITE PLAN

Show building located in relation to property and other structures.



Site Area: 630m²

Existing Site Cover (Dwelling): 240m²

Proposed Carport: 40m²

Proposed Site Cover: 44.5%

SONGBIRD CIRCUIT

PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

Approval no: DEV2023/1452

Date: 19 December 2023



Note! The Site Plan above is not necessarily drawn to scale refer to registered plan for exact property dimensions.

DONDEX
SHEDS, GARAGES & CARPORTS

DONDEX PTY. LTD.
P.O. BOX 202
BROWNS PLAINS 4118
PHONE: 07 3103 6049
FAX: 07 3806 6479

PROPOSED: **BTS Carport**

FOR: **Lauren Lynch**

SITE ADDRESS: LOT: RP:

**10 Songbird Circuit
Flagstone**

POSTAL ADDRESS:

**10 Songbird Circuit
Flagstone**

HOME : **0432013356** WORK:

REPRESENTATIVE : **Dane Beerling** DATE : **7, Jul, 2023**

DIGGING

Unknown

OBSTRUCTIONS

Unknown

STORMWATER

Connected By Client During Construction

SITE CLEANUP

Customers Responsibility

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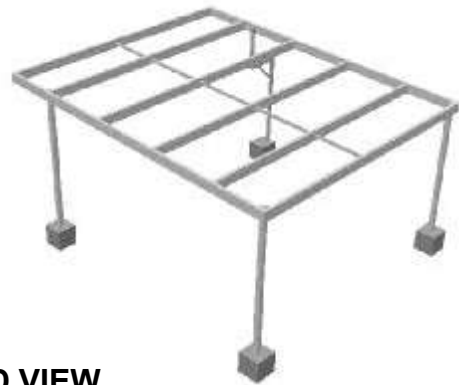
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JOB NUMBER 44466

BUILDING PLAN



FIRST VIEW



SECOND VIEW

Lowest point is at top of side wall or beam : 2.70m

Highest point of roof at apex : 2.97m

NOTE! CLEARANCE HEIGHT UNDER BEAMS IS 2.5M
*** MEASURED AT LOWEST POINT OF THE GROUND**
**** IF SITE HAS FALL / CLEARANCE WILL BE LESS!**

NOTES: Foundations and slab:

All topsoil containing organic material together with any loose foundation material shall be removed from the building pad area
Columns Inground Footings
Constructed by Customer

Building description:

Anchorage: Inground
Roof Type : Skillion **Pitch:** 2 Deg
Building size : 5.80 x 6.90 x 2.7 / 2.9
Roof Material: TBN Trimdek
Roof Insulation: None
Wall Material: N/A N/a
Wall Insulation: None
Gutters & Cap: TBN Emline
Main Doors:
N/A

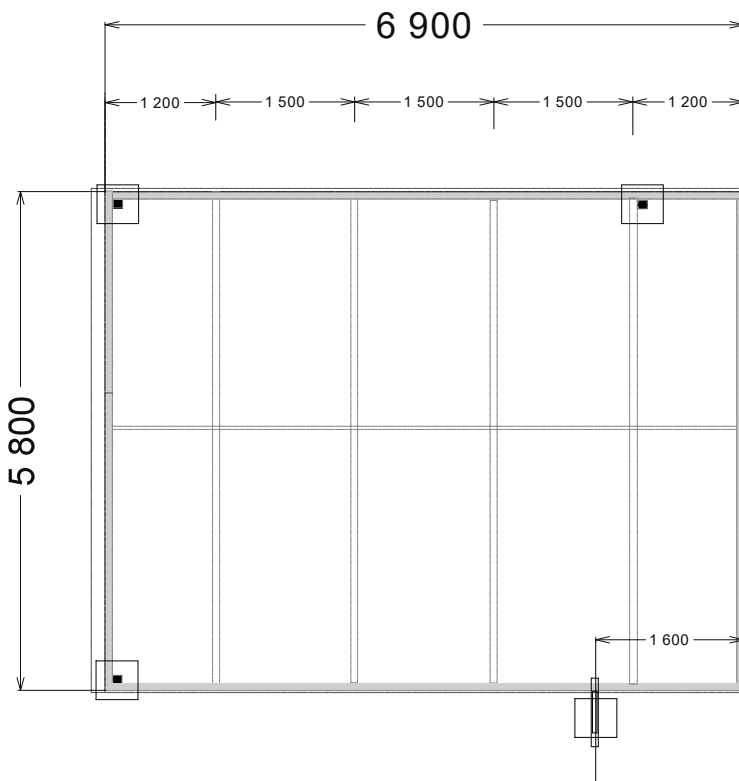
Personal Doors:

N/A
Auto Openers : No **Qty :**

Windows:

Downpipes: 90mm Drops
Connected from gutter 90mm drops provided. Drainage away from gutter is customers responsibility.

Services: **Power :** Yes **Water :** Yes



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FLOOR PLAN

Note! The Plan above is drawn to scale using Cad refer to production drawings for exact construction details.

DONDEX
SHEETS, GARAGES & CARPORTS

DONDEX PTY. LTD.
P.O. BOX 202
BROWNS PLAINS 4118
PHONE: 07 3103 6049
FAX: 07 3806 6479

PROPOSED: **BTS Carport**
FOR: **Lauren Lynch**
SITE ADDRESS: **LOT:** **RP:**
10 Songbird Circuit
Flagstone
POSTAL ADDRESS:
10 Songbird Circuit
Flagstone
HOME : **0432013356** **WORK:**

REPRESENTATIVE : **DATE :**
Dane Beerling **7, Jul, 2023**

DIGGING
Unknown
OBSTRUCTIONS
Unknown
STORMWATER
Connected By Client During Construction
SITE CLEANUP
Customers Responsibility

JOB NUMBER 44466

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GENERAL NOTES

Wind Classification:
For region B up to terrain category 2.5 (N3)
AS1720.1 1.2.2 Structural design actions, general principles,
Live, Dead and Wind loadings applicable.
AS2870 Residential slabs & footings up to & including Class M
AS4600 Cold Formed Steel Structures Code
AS4100 Steel Structures Code
AS3900 Concrete Structures Code
Building Code of Australia (BCA)
Building Code of Australia (BCA) and other appropriate manufacturers' design tables

Dimensions
All dimensions are in millimetres and are nominal. They must be checked with the contract document specifications and layout plan provided by the designer, prior to commencement of work! Any discrepancies must be referred to the engineer and/or supplier.

Steelwork
Steelwork to be in accordance with the member schedule listed below and supplied by the manufacturer in accordance with their supporting documentation and/or testing results.

Fasteners
Purlin Bolts 12x30mm 4.8 Grade U.N.O.
Purlin Screws 12x5x50 with 4FPS (fasteners per sheet per purlin)
Note for C1 use 14x5x55 with Cydrome washers 4FPS
Wall Screws 12x5x20 with minimum 2 fasteners each end U.N.O.
Frame Screws 12x5x20 with minimum 2 fasteners each end U.N.O.
Self drilling screws must be applied in accordance with manufacturers' instructions – do not use stripped or over stressed screws!

Disclaimer
Any discrepancies in the drawings and the detailed construction documents discovered by the builder and/or owner must be brought to the attention of the engineer and/or supplier immediately. The engineer and/or supplier shall not be responsible for any errors or omissions in the drawings or documents, or for any consequences arising from whatever source, through the negligence of the builder and/or owner.

MEMBER SCHEDULE

Length $\leq 4.5m$	$\leq 6.0m$	$\leq 7.5m$	$\leq 9.0m$
R2	C15015	C15019	C20024
R3	C15012	C15015	C20015
Width $\leq 4.2m$ (Max Post Centres)			
R1	C15015	C15019	C20024
Width $\leq 6.0m$ (Max Post Centres)			
R1	C15019	C15024	C20024

Footings size if slab poured after 350x350x600

450	500	600	700
x 450	x 500	x 600	x 700
x 600	x 600D	x 600 D	x 600D

NOTE! Footing sizes if NO SLAB add 400 mm to D depth for Class H Soil types!

PRE ENGINEERED
BUILDING SYSTEM
BY
DONDEX PTY. LTD.
SHEDS, GARAGES & CARPORTS

Professional Engineering Certification
By Bespoke Engineering Solutions Pty Ltd
Read this drawing in conjunction with
the Job specific Documents provided.

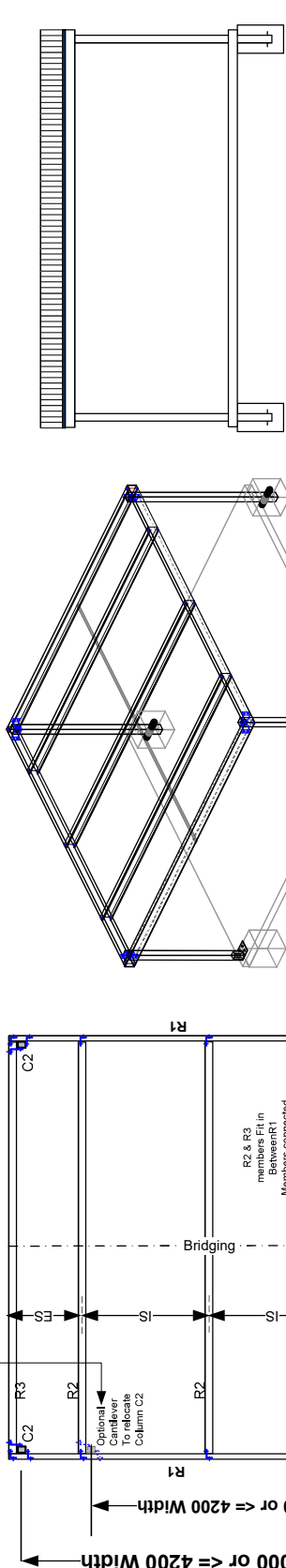
Drawing Number Date 8/06/22
22 - 6SC - N3

If Custom Orb / Corrugated roofing required roof pitch must maintain a minimum 5 degrees slope and For .42BMT material the maximum end span does not exceed 900 and internal span does not exceed 1200 For .48BMT material the maximum end span does not exceed 1300 and internal span does not exceed 1700

Lipless R1 channel designs are only available for South East Queensland customers only. GP Brackets used to connect R2 & R3 as shown. Only used when Lipless channel not available.

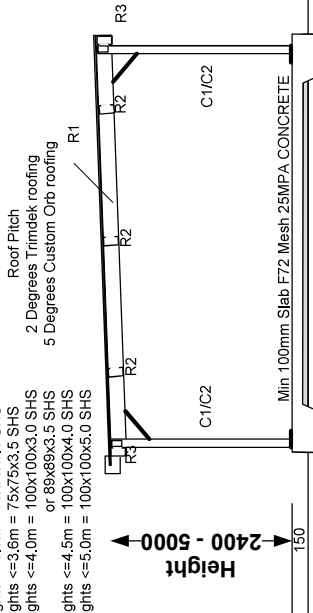
Carport system allows up to 6m width (Post centres) When width less than 4.2m central R2 member may be deleted as long as the maximum end span does not exceed 1900

Columns can be cantilevered up to 1.3 along R1 member as required For any cantilever required along other members must be referred to engineer!



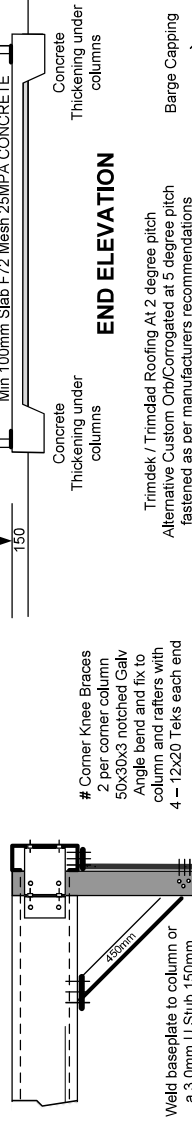
SIDE ELEVATION

COLUMNS C1/C2
Heights $\leq 3.0m$ = 75x75x3.0 SHS
Heights $\leq 3.6m$ = 75x75x3.5 SHS
Heights $\leq 4.0m$ = 100x100x3.0 SHS
or 89x89x3.5 SHS
Heights $\leq 4.5m$ = 100x100x4.0 SHS
Heights $\leq 5.0m$ = 100x100x5.0 SHS



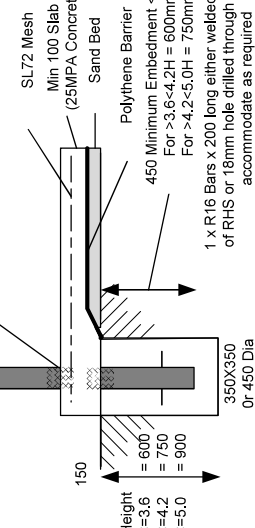
FRAME OVERVIEW

Corner Knee Braces are required on alternative freestanding slab fix designs! Also required on all embedded column freestanding designs when the carports are higher than 3.0m and using 75x75 RHS. Corner Braces are not required if using 89x89x3.5mm RHS or 100x100x3.0mm RHS And the columns are embedded into footings. Corner Braces are not required when attached designs.



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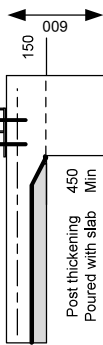
Note! Prior to pouring concrete, apply waterproof coating of epoxy mastic 200-250 micron DFT in accordance with One Steel's "Duragap easy painting corrosion protection guide" page 6 and table 1 page 14



COLUMN/FOOTING WITH SLAB
POURED AS CONSTRUCTION
PROGRESSES

Note!
All pier footings should be founded 300mm into natural stiff material

ALTERNATIVE SLAB FIX
SLAB POURED FIRST



BRIDGING/RAFTER

Note!
Length $\leq 3.6m$ No bridging required
Length $\leq 6.0m$ 1 row mid span
Length $\leq 9.0m$ 2 Rows equal spaced

Alternative Rafter/Rafter Connection For All C Design
3mm GP Bracket Bolted to R1 and fastened to R2/R3 with 4 M12 Bolts

COLUMN/ RAFTER
75x75 SHS
ALTERNATIVES
89x89 SHS
100x100 SHS

Alternative Rafter/Rafter Connection For All C Design
3mm GP Bracket Bolted to R1 and fastened to R2/R3 with 4 M12 Bolts