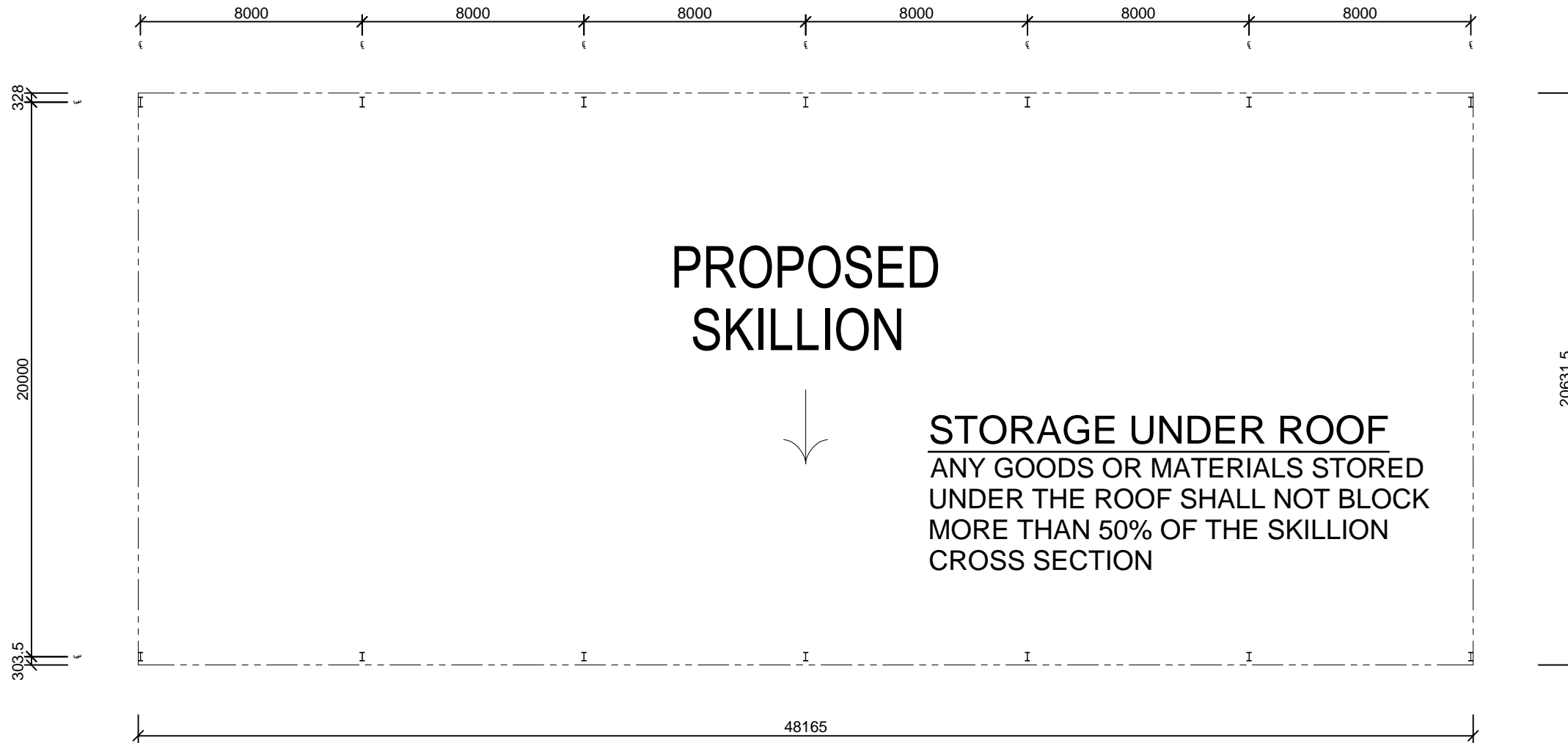


LEGEND

----- ROOF OUTLINE

Note:

**PAINT EXPOSED STEELWORK
IN ACCORDANCE WITH AS2312**




GROUND FLOOR PLAN

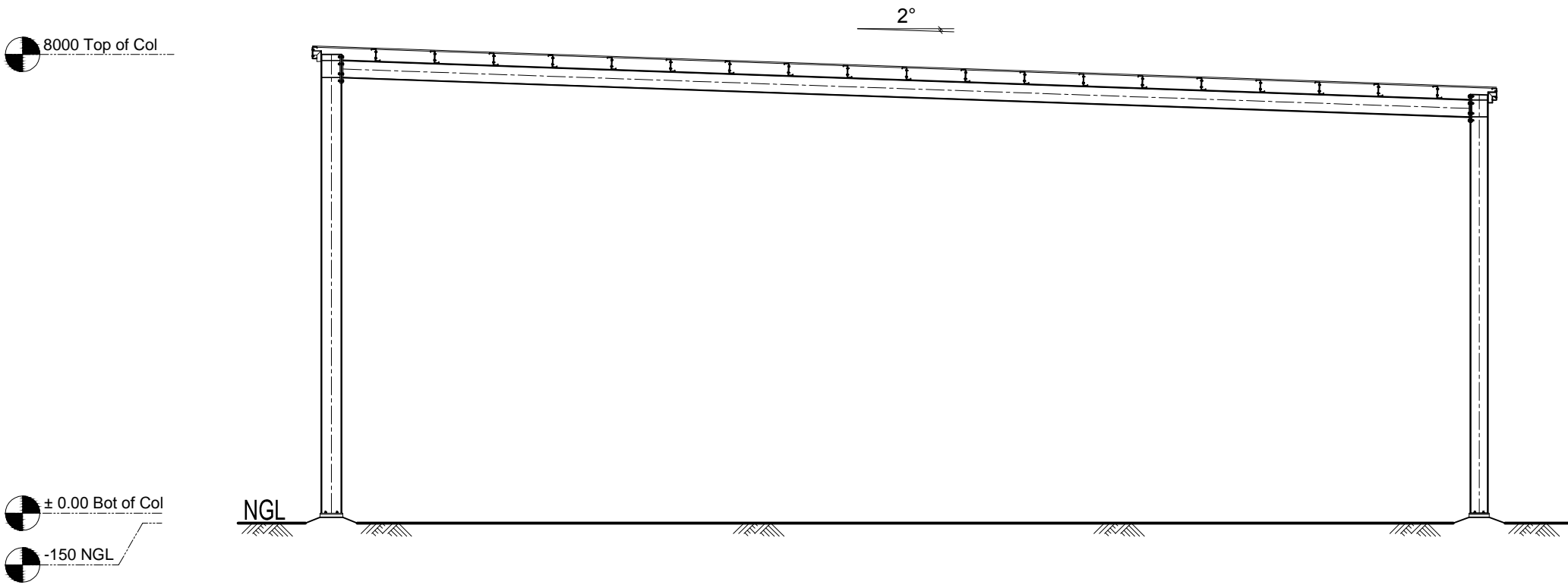
SCALE 1:200



SCALE: 1:200

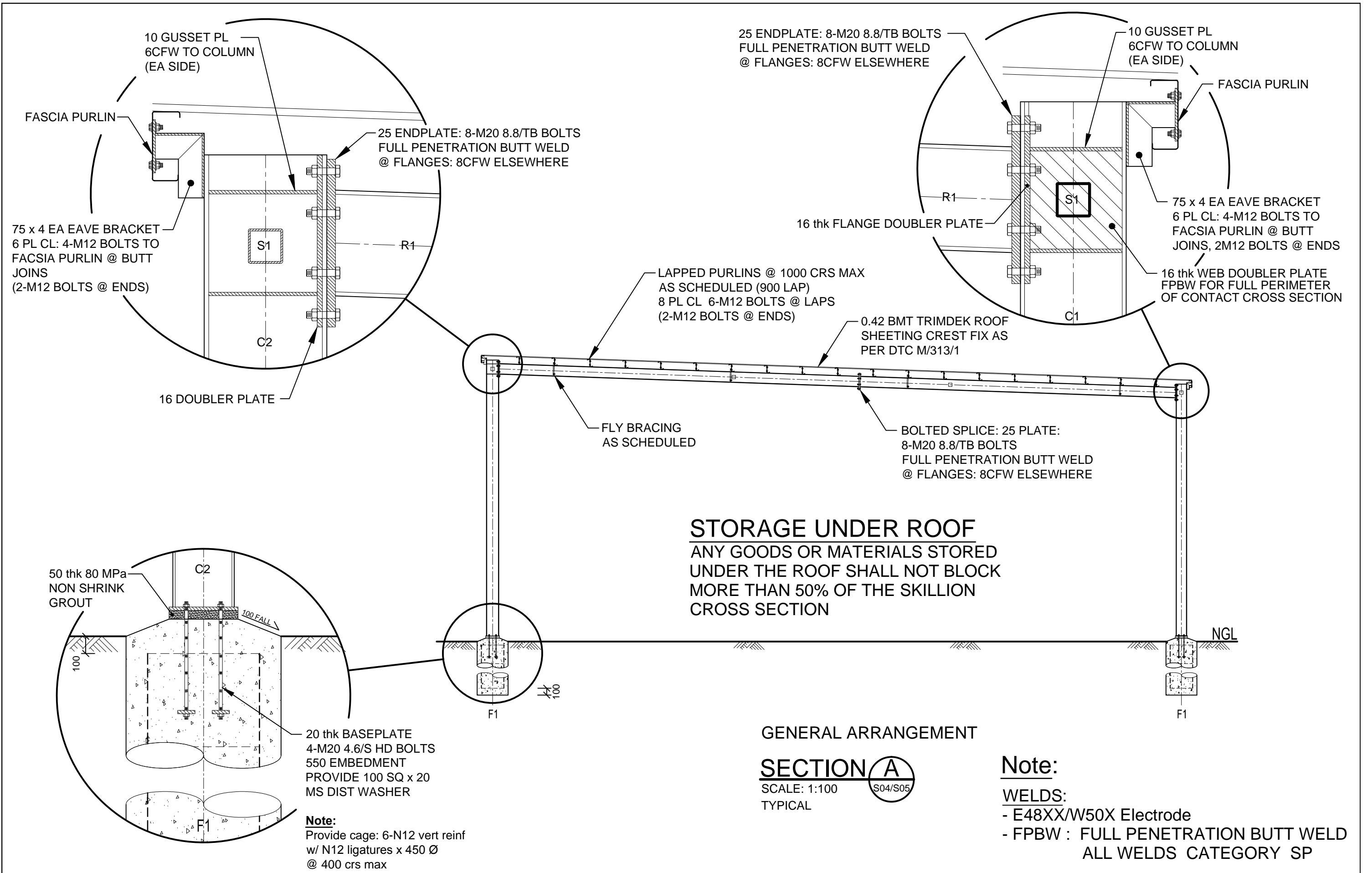
-		ISSUE FOR STRUCTURAL APPROVAL		19-05-2018	MC	NTCE	 <p>N.T. Consulting Engineers ABN 73 102 631 186 P.O. Box 900 COOLALINGA 0839 Northern Territory, Australia www.ntconsultingengineers.com.au</p>	DRAWN OATS DATE 19-05-2018 DESIGNED MC DATE 19-05-2018 DESIGN PROJECT LEADER - DATE 19-05-2018	CHECKED MC DATE 19-05-2018 CHECKED AH DATE 19-05-2018 PROJECT OFFICER PMALEY DATE 19-05-2018	PROPOSED SKILLION PETER MALEY LOT 3222(9) PHOEBE CRT., KNUCKEY LAGOON GROUND FLOOR PLAN				
No.	DESCRIPTION	DATE	NAME	DEPT./COMPANY.	AMENDMENTS	Mobile: 0427 411 633 Email: ntce@westnet.com.au		STRUCTURALLY CONCURRED	FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.	SHEET SIZE
-	-	-	-	-	-	-	-	-	-	S02 OF S07	V845375-S02	-	A3	

STORAGE UNDER ROOF
 ANY GOODS OR MATERIALS STORED
 UNDER THE ROOF SHALL NOT BLOCK
 MORE THAN 50% OF THE SKILLION
 CROSS SECTION



ELEVATION 1
 SCALE 1:100

-				NT Consulting Engineers N.T. Consulting Engineers ABN 73 102 631 186 P.O. Box 900 COOLALINGA 0839 Northern Territory, Australia www.ntconsultingengineers.com.au		DRAWN OATS DATE 19-05-2018 DESIGNED MC DATE 19-05-2018 DESIGN PROJECT LEADER - DATE 19-05-2018	CHECKED MC DATE 19-05-2018 CHECKED AH DATE 19-05-2018 PROJECT OFFICER PMALEY DATE 19-05-2018	PROPOSED SKILLION PETER MALEY LOT 3222(9) PHOEBE CRT., KNUCKEY LAGOON ELEVATION 1				
ISSUE FOR STRUCTURAL APPROVAL 19-05-2018 MC NTCE				STRUCTURALLY CONCURRED		FILE No. - ASSET No. - SHEET No. S03 OF S07 DRAWING No. V845375-S03 AMEND. - SHEET SIZE A3						
AMENDMENTS				Mobile: 0427 411 633 Email: ntce@westnet.com.au								



-	ISSUE FOR STRUCTURAL APPROVAL	19-05-2018	MC	NTCE
No.	DESCRIPTION	DATE	NAME	DEPT./COMPANY
	AMENDMENTS			

NT Consulting Engineers
 N.T. Consulting Engineers
 ABN 73 102 631 186
 P.O. Box 900
 COOLALINGA 0839
 Northern Territory, Australia
 www.ntconsultingengineers.com.au

Mobile: 0427 411 633 Email: ntce@westnet.com.au

DRAWN OATS	CHECKED MC
DATE 19-05-2018	DATE 19-05-2018
DESIGNED MC	CHECKED AH
DATE 19-05-2018	DATE 19-05-2018
DESIGN PROJECT LEADER -	PROJECT OFFICER PMALEY
DATE 19-05-2018	DATE 19-05-2018

STRUCTURALLY CONCURRED

PROPOSED SKILLION				
PETER MALEY				
LOT 3222(9) PHOEBE CRT., KNUCKEY LAGOON				
SECTION A				
FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.
-	-	S06 OF S07	V845375-S06	-
				SHEET SIZE A3

**NORTHERN TERRITORY OF AUSTRALIA
BUILDING ACT
SECTION 40 – CERTIFICATE OF COMPLIANCE – STRUCTURAL DESIGN**

All sections must be completed – mark N/A to any question that does not apply

PROPERTY / PROJECT DETAILS	
Owner (if known):	
Lot/Portion Number: 3222	Address: 9 Phoebe Crt
Location: Knuckey Lagoon	Town / Hundred : Berrimah
Description of works :	
Proposed Skillion	

DOCUMENTS ATTACHED
Drawing Nos: NTCE Dwg No.'s V845375-S01:S07
Other:

DESIGN BASIS (please list relevant Standards used in the design)			
AS1170, AS4100, AS3600, AS3700, AS4600, AS2870, AS1554, AS1312, AS3850, AS2312, NCC			
Class of Building (BCA): 10a	Type of Construction (BCA volume 1 §C1.1): (eg. Type A fire-resisting construction) n/a		
Building Importance Level (BCA Table B1.2a): II	Annual Probability of Exceedance for Wind (BCA Table 1.2b): 1 in 500		
Region: C	Regional ultimate wind speed V_R (m/s): 69	Terrain Category: 2.5	Reference height (m): 8
$M_{z,cat}$: 0.90	M_s : 1.0	M_t : 1.0	V_{desg} Design Wind Speed at reference height (m/s): 62
Internal Pressure Coefficients ($C_{p,i}$):	To AS 1170.2 Section 5.3 & Table 5.1		
External Pressure Coefficients ($C_{p,e}$)	Walls	To AS 1170.2 Section 5.4 & Appendix C	
	Roof	To AS 1170.2 Section 5.4 & Appendix C	
Net Pressure Coefficients: ($C_{p,n}$)	Roof / Walls	To AS 1170.2 Appendix D	
Imposed Loads, kPa	Floor / Roof	To AS 1170.1	
Earthquake Design Category, EDC (Table 2.1 of AS 1170.4): n/a			
Annual Probability of Exceedance for Earthquake Actions (BCA Table 1.2b): n/a			
Importance Level (BCA): n/a		Hazard Factor, Z (Section 3): n/a	
Safe Foundation Bearing Capacity, kPa: 100		Class of Sub-Soil (Section 4): n/a	
Site classification (AS2870): S to be confirmed prior to construction			

COMMENTS / EXCLUSIONS (Exclusions to this Certificate must be clearly identified).
The following items are excluded and shall be certified separately:
Comments:
<ul style="list-style-type: none"> The site shall be verified by a qualified Geotechnical Engineer as being Class 'S' prior to construction All expired or withdrawn DTC noted on attached the documents are covered by this certificate as being structurally acceptable

CERTIFICATION BY STRUCTURAL ENGINEER			
Company Name if certification issued on behalf of a corporation		Company NT Registration Number	
I certify that reasonable care has been taken to ensure that the structural engineering aspects of the works as described above have been designed in accordance with the requirements of the Building Code of Australia and the Northern Territory Building Regulations.			
Name (see *below)	Nominee/Individual NT Registration Number	Signature	Date
Michael Cooper	21133ES		7 June, 2018

* Name and registration number of nominee signing on behalf of the company or if no company, name of individual issuing certification.

SCHEDULE OF STRUCTURAL INSPECTIONS REQUIRED

Inspection of construction is required at the stages indicated below.

- 1. Completion of site preparation/site filling/excavations for footings prior to placement of any reinforcement or concrete.
- 2. Completion of preparations for placing of concrete strip footings including placement of reinforcement.
- 3. Completion of preparations for placing concrete slabs including compaction of fill and sand blinding, placement of formwork, reinforcement, starter bars and cast in items.
- 4. Completion of preparations for placing of concrete pier footings including reinforcement (if any).
- 5. Starter bars and cast in items after placing of concrete and prior to any covering up work.
- 6. Reinforcement to walls completed prior to core filling (inspection holes and cleanout cores to be completed).
- 7. Structural steelwork and cold formed steelwork completed and prior to any covering up work. Floor framing system completed before floors are laid or underside is lined.
- 8. Suspended concrete floor slabs with formwork, reinforcement and cast in items completed, prior to placing of concrete.
- 9. Wall framing or blockwork wall core filling completed (with windows fixed in place) and roof framing with connections completed and prior to sheeting or lining.

Note: Prior lodgement of truss manufacturer's drawings, details and certification required.
 Prior lodgement of windows manufacturer's drawings including fixings and certification required.
- 10. Structural wall linings completed and prior to any covering up work.
- 11. Final inspection upon completion of all structural work including fixings of external roof and wall claddings, flashings, barges & vents.
- 12. Other Inspections as required by the building permit

Important Information:

- 1) The above inspections are required to be carried out by either the certifying engineer or the building certifier who issued the Building Permit for the work. (If no inspections are indicated refer to the certifying engineer for advice).
- 2) Where works are prescribed building works under the *NT Building Act*, the building certifier must be provided with a copy of the inspection record and no further works must be carried out by the builder until the building certifier issues a release to proceed with further works.
- 3) Additional non structural inspections may be required during the course of construction before the issue of an Occupancy Permit (refer to building certifier for requirements).
- 4) Failure to obtain inspections may prevent the issue of an Occupancy Permit upon completion of the building works.