

GENERAL NOTES:

1.

ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE NOTED.
2.

ALL WOOD IS TO BE PRESSURE TREATED (PT), SPF NO. 2 AND BETTER, UNLESS OTHERWISE NOTED.
3.

THE FOUNDATION CRIBBING WAS DESIGNED FOLLOWING THE NATIONAL BUILDING CODE OF CANADA 2015, AND CSA Z240.10.1-16.
4.

CRIBBING COMPONENTS WERE DESIGNED FOR AN HOURLY WIND PRESSURE OF:

• 1 / 10 = 0.60 kPa

• 1 / 50 = 0.78 kPa
3.

CRIBBING COMPONENTS WERE DESIGNED WITH A LOW IMPORTANCE FACTOR (Iw = 0.8).
4.

ALL CRIBS SHALL BE FILLED WITH SOIL / GRAVEL. FILL WEIGHT ASSUMED TO BE 1500 KG/M3 (LOOSE GRAVEL).
5.

DRAWINGS SHALL BE USED IN CONJUNCTION WITH ISSUE FOR CONSTRUCTION DRAWINGS TITLED "HARD SIDED COUNTRY SHELTER GENERAL ASSEMBLY (12' X 16")" AND "HARD SIDED COUNTRY SHELTER GENERAL ASSEMBLY (14' X 22")", DESIGNED BY M. VACHON OF MONGAZEBO.CA, DATED 22-05-2018, AND SHALL NOT BE USED FOR ANY OTHER PURPOSES.
6.

DESIGN OF THE SUPERSTRUCTURE IS NOT PART OF THE SCOPE OF WORK, AND WAS COMPLETED BY A THIRD PARTY. IT IS UNDERSTOOD THAT THE SUPERSTRUCTURE HAS BEEN DESIGNED BY PROFESSIONAL ENGINEERS AND WAS DESIGNED TO RESIST ALL APPROPRIATE GRAVITY, UPLIFT, AND LATERAL LOADING.
7.

THE SOIL CAPACITY IS ASSUMED TO BE A MINIMUM OF 85 kPa. SOIL CAPACITY SHALL BE VERIFIED ON SITE.
8.

ALL ANCHORS AND ANCHOR CONNECTIONS ARE TO BE INSTALLED IN ACCORDANCE TO MANUFACTURER'S INSTRUCTIONS.
9.

ALL ANCHORS TO HAVE A MINIMUM VERTICAL PULL-OUT CAPACITY OF 2.5 kN. ANCHOR CAPACITIES SHALL BE VERIFIED ON SITE THROUGH A PROOF TEST.
10.

ANCHORS CABLES SHALL BE INSTALLED WITH SLACK IN CABLE TO ALLOW FOR 75 TO 100 MM OF FREE VERTICAL MOVEMENT BEFORE RESISTING UPLIFT FORCES.
11.

CRIBBING SHALL BE PLACED ON TOP OF LEVELED, WELL COMPACTED GRAVEL.
12.

CRIBBING SHALL BE SHIMMED TO ENSURE FULL CONTACT AND BEARING BETWEEN ALL LEVELS.
13.

ALL SIMPSON STRONG TIE COLUMN CAPS (ECCL, CCC, CCT) TO BE INSTALLED IN ACCORDANCE TO MANUFACTURER'S INSTRUCTIONS, AND TO SUIT CONNECTIONS BETWEEN 2-38X140 MM FLOOR COMPONENTS (I.E. BEAM), AND 140X140 MM CRIB COMPONENTS (I.E. COLUMN):

• ALL FLOOR (BEAM) WIDTHS ARE TO BE 3 INCHES (SIMPSON STRONG TIE REFERENCE WIDTHS: W1 = W3 = W4 = 3")

• ALL CRIB (COLUMN) WIDTHS ARE TO BE 5.5 INCHES (SIMPSON STRONG TIE REFERENCE WIDTHS: W2 = 5.5")

• ALL HEIGHTS ARE TO BE MAX. OF 5.5 INCHES (SIMPSON STRONG TIE REFERENCE HEIGHT: H1, H2, H3 = MAX 5.5")

RECOMMENDED SEQUENCE OF WORK:

1.

LEVEL 0 - PLACE 3-140 X140 MM AT DESIGNATED CRIB LOCATIONS. SEE DRAWINGS S2 AND S3.
2.

LEVEL 1 AND 2: SCREW 600X600 MM, 19MM PLYWOOD TO LEVEL 2 COMPONENTS (SEE DETAIL 5/S4). PLACE ON TOP OF LEVEL 0 COMPONENTS.
3.

LEVELS 3 TO 5: PLACE 2-140X140 MM COMPONENTS FOR LEVEL 3 TO LEVEL 5. COMPONENTS TO BE PLACED PLACED SQUARE, WITH EACH SUCCESSIVE LAYER PLACED PERPENDICULAR TO THE PREVIOUS.
4.

LEVEL 6: PLACE 140X140 MM, CENTERED OVER THE CRIB. INSTALL SCREWS AS INDICATED ON DETAIL 6/S4.
5.

PLYWOOD COVERS: INSTALL PLYWOOD COVERS. SEE DETAIL 2/S4 AND 4/S4 FOR SCREW SPACING.
6.

FILL CRIBS TO TOP WITH LOOSE GRAVEL. SEE DRAWINGS S2 AND S3.
8.

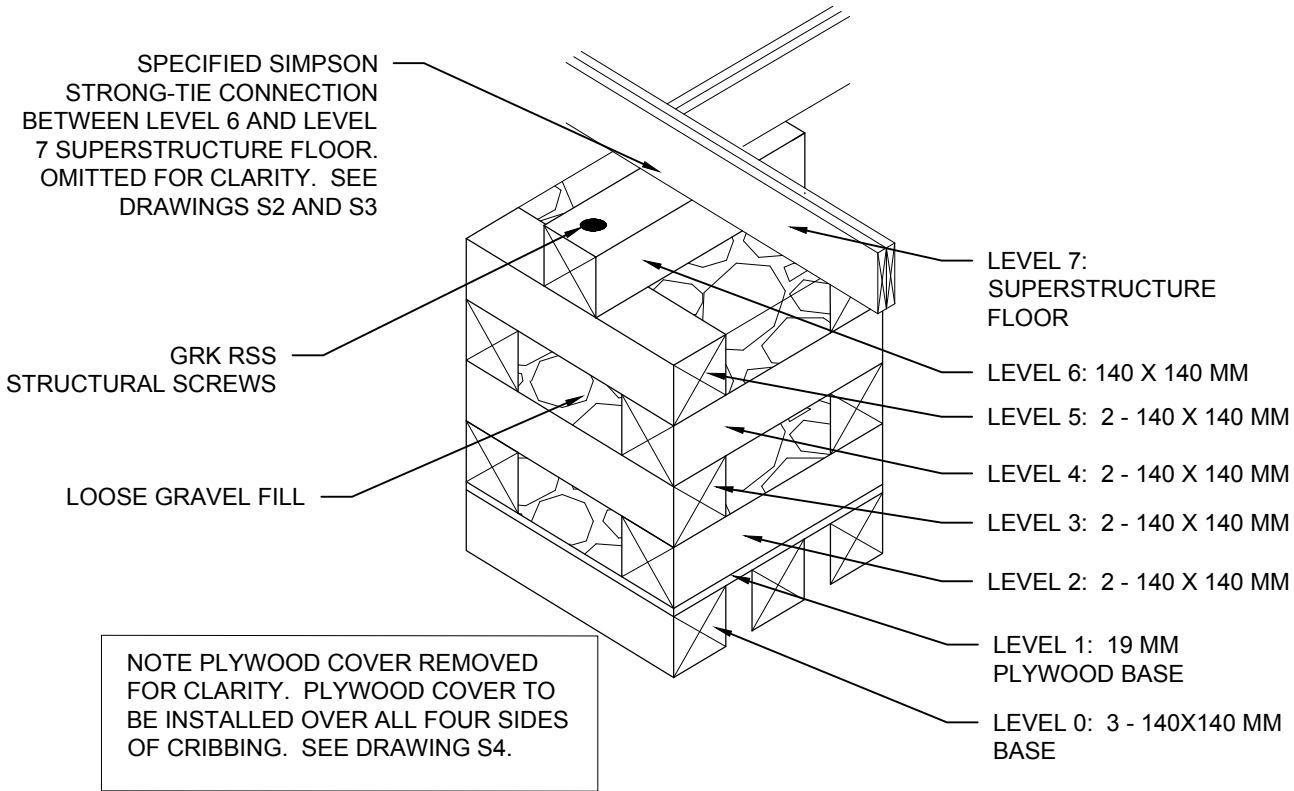
INSTALL NEW SIMPSON COLUMN CAPS TO LEVEL 6 140X140 MM CRIB COMPONENTS IN ACCORDANCE TO MANUFACTURER'S INSTRUCTIONS. NOTE DIFFERENT CAPS TO BE USED FOR EXTERIOR CORNERS (ECCL), ALONG THE PERIMETER (CCT), AND ALONG THE INTERIOR UNDER THE FLOOR STRUCTURE(CCC).
9.

ASSEMBLE THE FLOOR STRUCTURE / PANELS. PLACE ON TOP OF CRIBBING.
10.

INSTALL NEW 38X140 MM AROUND ENTIRE PERIMETER OF FLOOR STRUCTURE FOR BOTH LARGE AND SMALL SHELTER.
11.

CONNECT SIMPSON COLUMN CAPS - WHICH ARE ALREADY ATTACHED TO CRIBS - TO THE FLOOR STRUCTURE.
12.

INSTALL GROUND ANCHORS AND CONNECT TO FLOOR STRUCTURE FOLLOWING MANUFACTURER'S INSTRUCTIONS.

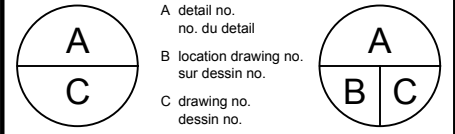


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S1

CRIBBING COMPONENTS

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

2	Draft Concept Drawing - for review	19-05-22
1	Draft Concept Drawing - for review	19-05-01
revisions	description	date



project

projet

HARD SIDED  
COUNTRY SHELTER

NUNUVUT, CANADA

drawing

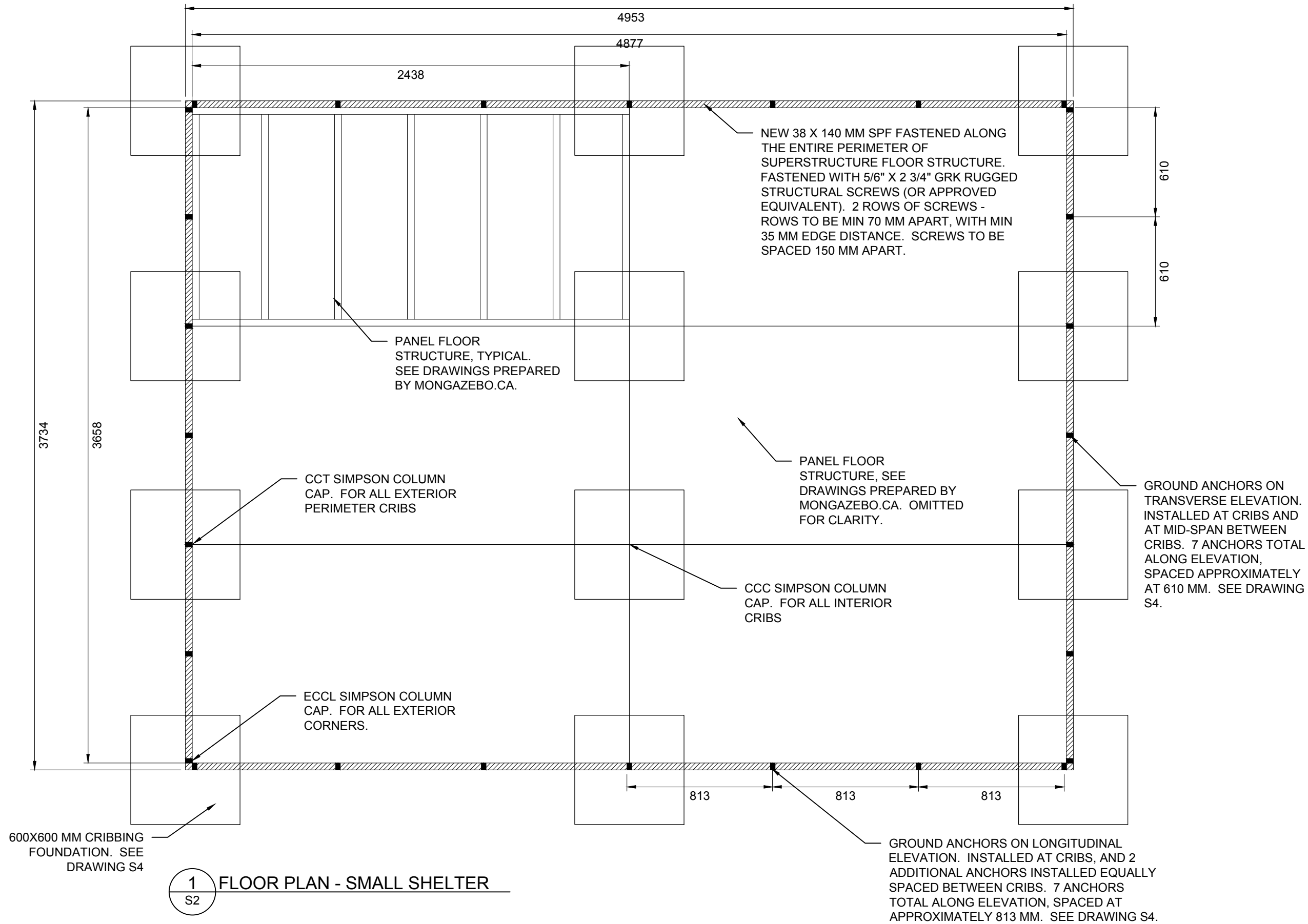
dessin

GENERAL NOTES

Designed By	CK, AES, PARKS CANADA	Conçu par
Date	2019/05/22	(yyyy/mm/dd)
Drawn By	CK, AES, PARKS CANADA	Dessiné par
Date	2019/05/22	(yyyy/mm/dd)
Reviewed By		Examiné par
Date		(yyyy/mm/dd)
Approved By		Approuvé par
Date		(yyyy/mm/dd)
Tender		Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet
Drawing no.		No. du dessin

S1

2019-05-22 3:57am By: Carol Kung  
C:\Users\carol.kung\Desktop\Hardsided\SmallShelter\SmallShelter RT.dwg



Parks Canada  
Asset & Environmental  
Management  
Architectural &  
Engineering Services

Parcs Canada  
Gestion des biens et  
de l'environnement  
Services d'architecture  
et d'ingénierie

Contractor to verify all dimensions  
& conditions on site and immediately  
notify the engineer of all discrepancies.

2	Draft Concept Drawing - for review	19-05-22
1	Draft Concept Drawing - for review	19-05-01
revisions	description	date

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project project

## HARD SIDED COUNTRY SHELTER

NUNUVUT, CANADA

drawing dessin

## FLOOR PLAN - SMALL SHELTER

Designed By	CK, AES, PARKS CANADA	Conçu par
Date	2019/05/22	(yyyy/mm/dd)
Drawn By	CK, AES, PARKS CANADA	Dessiné par
Date	2019/05/22	(yyyy/mm/dd)
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Date		(yyyy/mm/dd)
Approved By		Approuvé par
Date		(yyyy/mm/dd)
Tender		Soumission

Project Manager Administrateur de projets  
Project no. No. du projet

Drawing no. No. du dessin

S2



