

Created by Calin Mocanu		2022-03-05		Project Name Hextech mechahand mk 11	
Title 3D palm view: left - flexible palm circuit right - palm structure				DWG Name Palm circuit diagrams	
				Rev. 1	Date of issue 2022-03-04

Connector to forearm controller

Position encoders placed inside
the differential wrist joint gears

Relief loops for wrist differential
to accomodate small rotations of
the differential gears

Ancillary circuitry

Force sensors for top palm cover
(palm cover rests on pegs on
top of these sensors)

Position encoder for the pinky pivot joint
(encoder is connected to joint axis
through perpendicular bevel gears)

Flap affixes circuit into the structure

Holes in the circuit allows finger
tendons to pass through

Relief loop for pinky pivot rotational joint

Folds re-orient the pinky circuit
section into the proper orientation

Force sensors for bottom palm

Folded circuit section allows the bottom
to elongate to accomodate assembly

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3D palm circuit

DWG Name

Palm circuit diagrams

Rev.

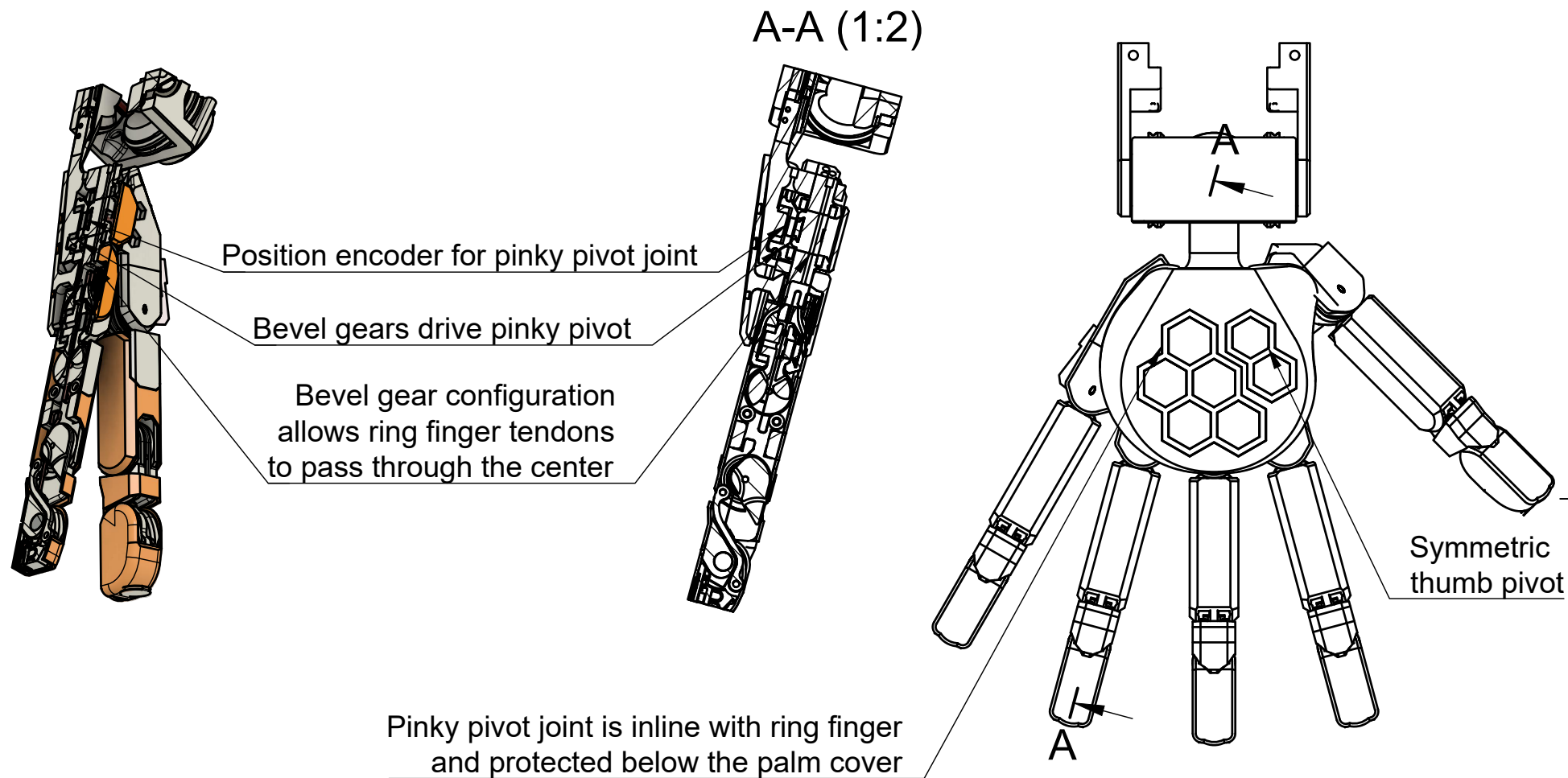
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Date of issue

2022-03-04

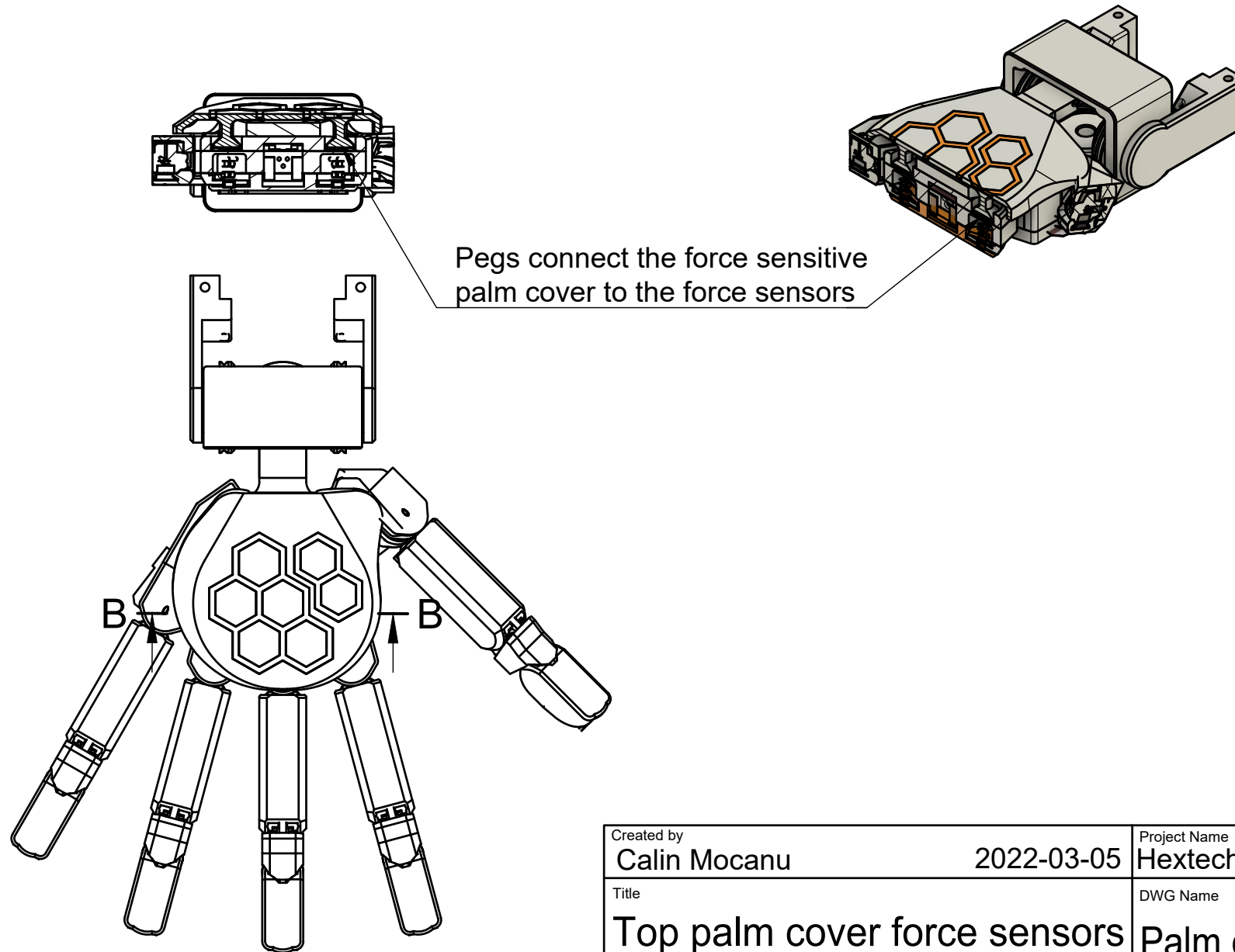
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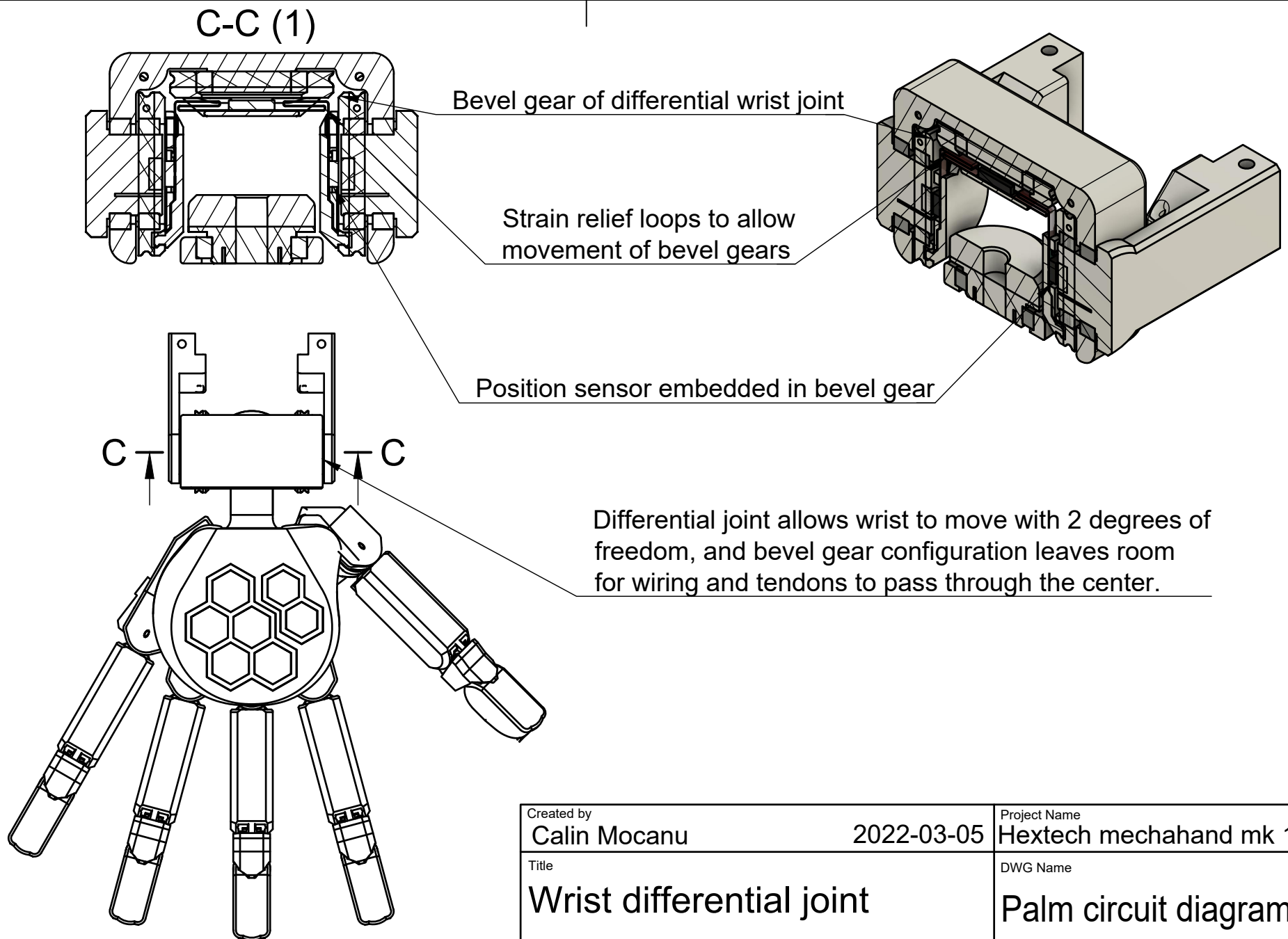


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Title Thumb and pinky pivot joints				DWG Name Palm circuit diagrams	
				Rev. 1	Date of issue 2022-03-04

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Title Top palm cover force sensors			DWG Name Palm circuit diagrams	
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Title Wrist differential joint			DWG Name Palm circuit diagrams	
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