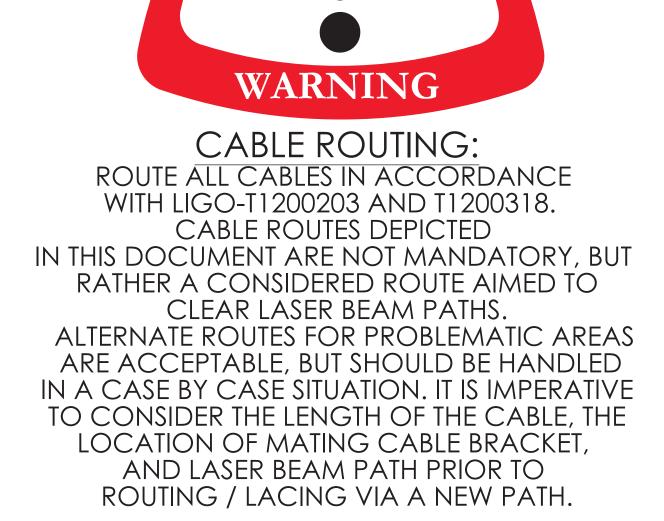
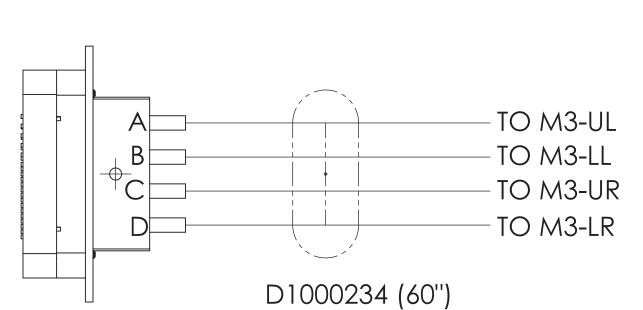


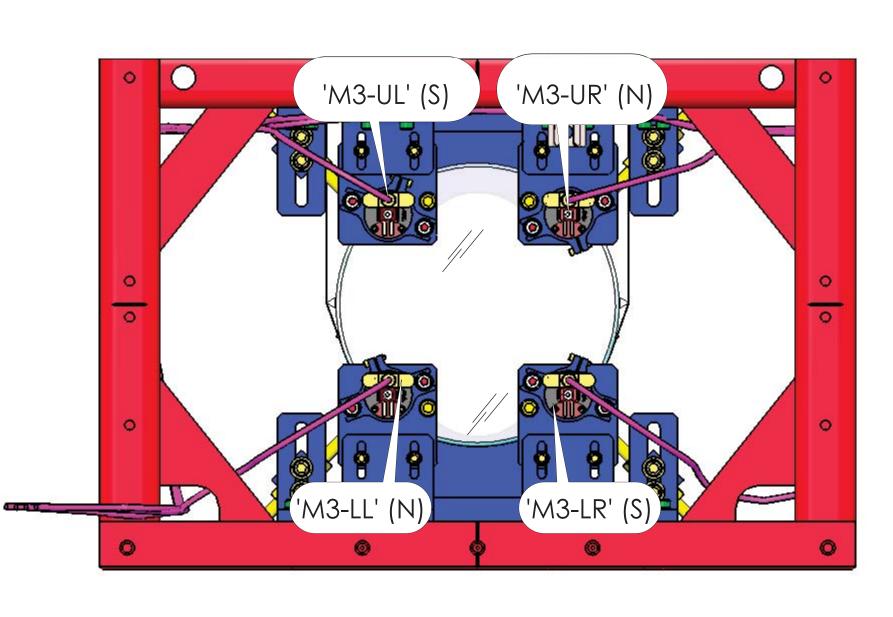
QP LEGS LACED

THROUGH AR SIDE BOTTOM

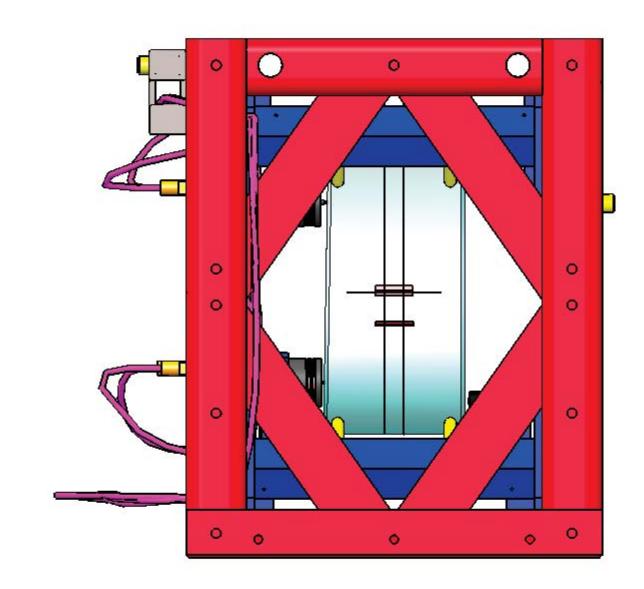
LEFT GUSSET







AR SIDE - REAR (-X)  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ (END CONNECTORS, NOT SHOWN FOR CLARITY)



RIGHT SIDE (-Y)

LEFT SIDE (+Y)

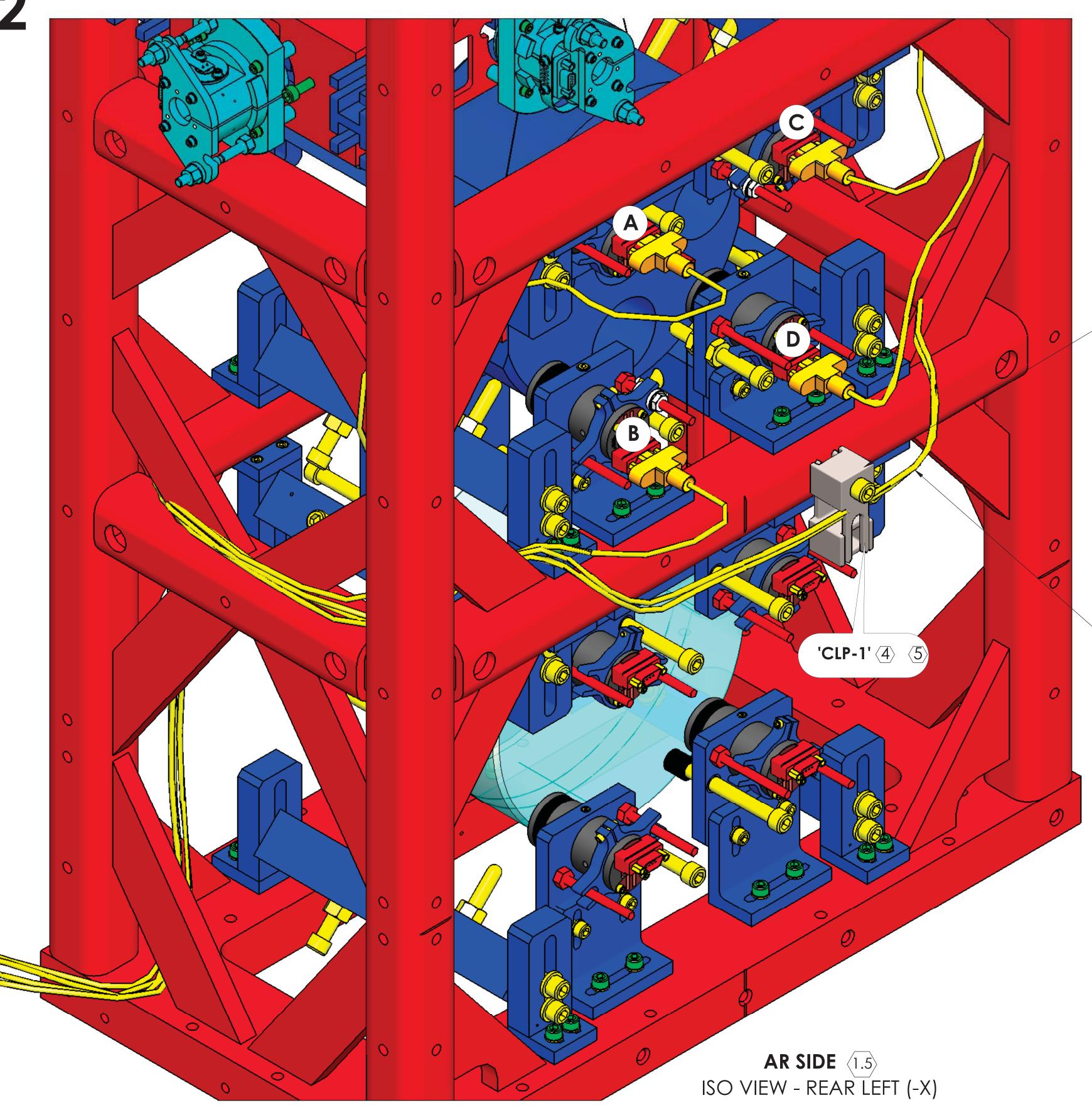
DO NOT CLAMP CABLES TIGHTLY. PROVIDE SUFFICIENT SPACE FOR THE CABLES TO RUN FREELY BETWEEN CLAMP JAWS.

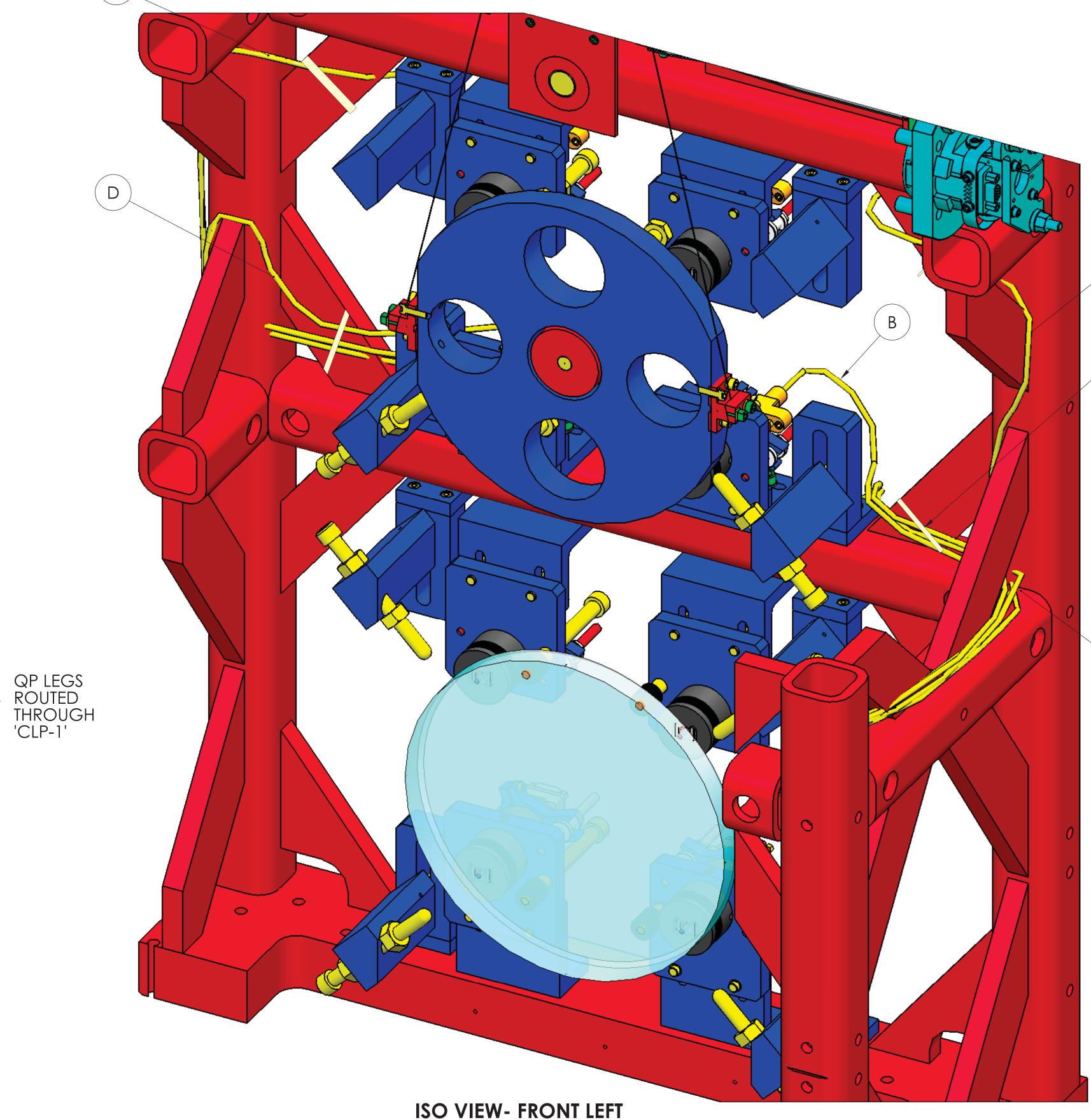
5 SHORTING MAY OCCUR IN QP BOSEM & AOSEM TEFLON CABLES CLAMPED EXCESSIVELY TIGHT. THEREFORE, THE PEEK CLAMPS (i.e. 'CLP-1' AND CABLE TIES) SHOULD SERVE ONLY AS A GUIDE FOR THE CABLES TO REACH THEIR DESTINATION, AND SHOULD NOT CLAMP THE CABLES IN PLACE.

6 TORQUE TO APPROXIMATELY 20 IN/LBS.

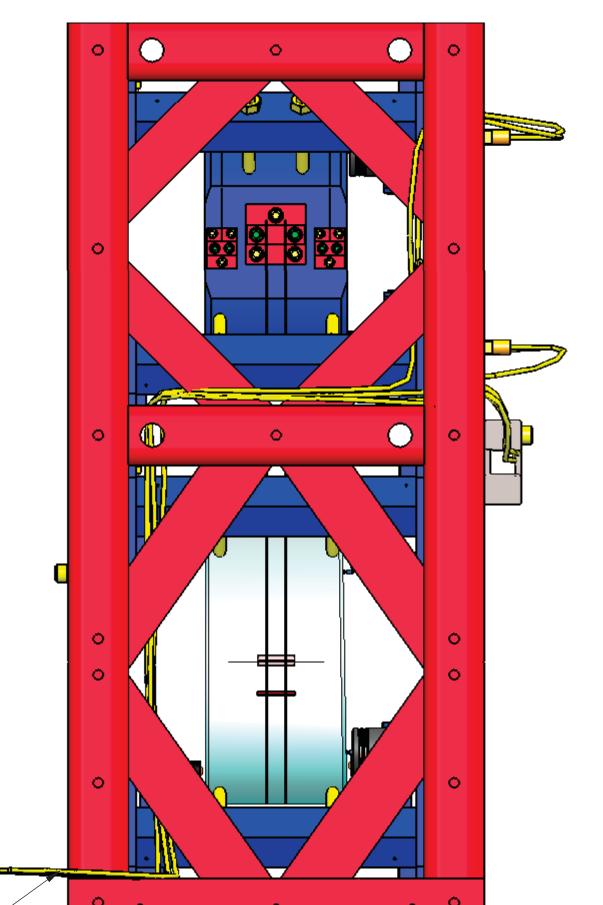
ROUTE NO. 1

SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE





ISO VIEW- FRONT LEFT BROKEN OUT SECTION (AS VIEWED FROM INSIDE)



QP LEGS LACED

THROUGH LEFT SIDE BOTTOM LEFT GUSSET

CB-1 (SECOND) LEFT SIDE (+Y)

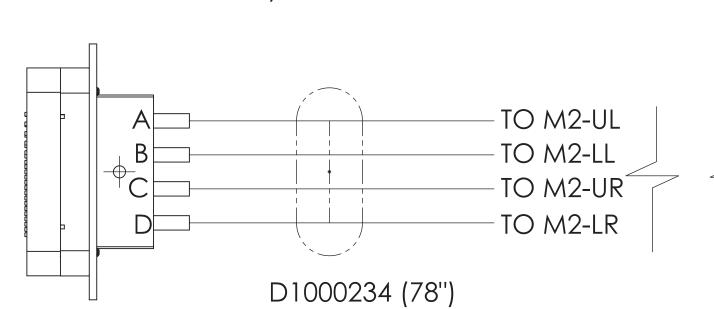
-'PIN 1'



CABLE ROUTING: ROUTE ALL CABLES IN ACCORDANCE
WITH LIGO-T1200203 AND T1200318.

CABLE ROUTES DEPICTED
IN THIS DOCUMENT ARE NOT MANDATORY, BUT
RATHER A CONSIDERED ROUTE AIMED TO
CLEAR LASER BEAM PATHS.

ALTERNATE ROUTES FOR PROBLEMATIC AREAS
ARE ACCEPTABLE, BUT SHOULD BE HANDLED
IN A CASE BY CASE SITUATION. IT IS IMPERATIVE
TO CONSIDER THE LENGTH OF THE CABLE, THE
LOCATION OF MATING CABLE BRACKET,
AND LASER BEAM PATH PRIOR TO
ROUTING / LACING VIA A NEW PATH.

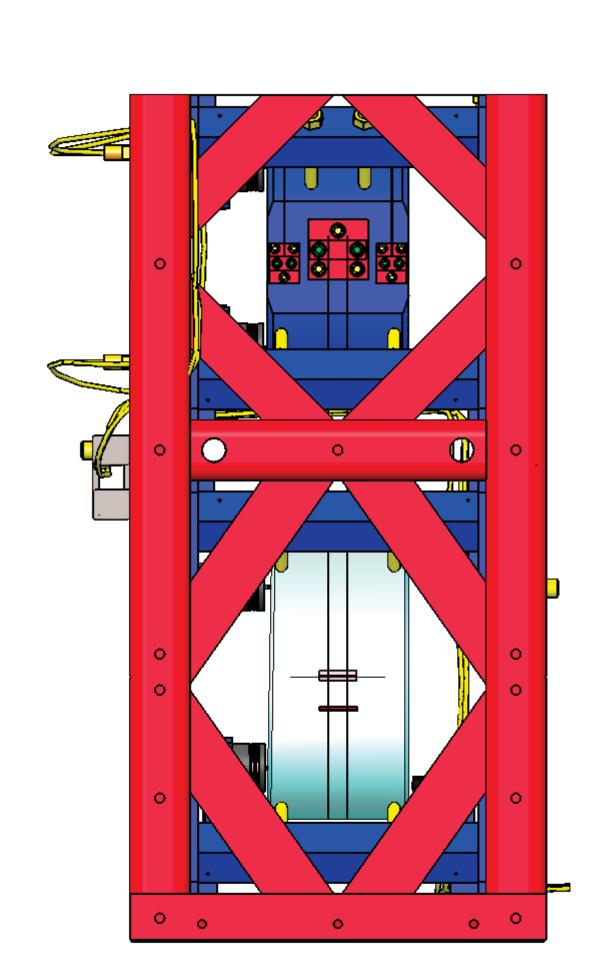


AR SIDE - REAR (-X)  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ 

(END CONNECTORS, NOT SHOWN FOR CLARITY)

ROUTE NO. 2

SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE

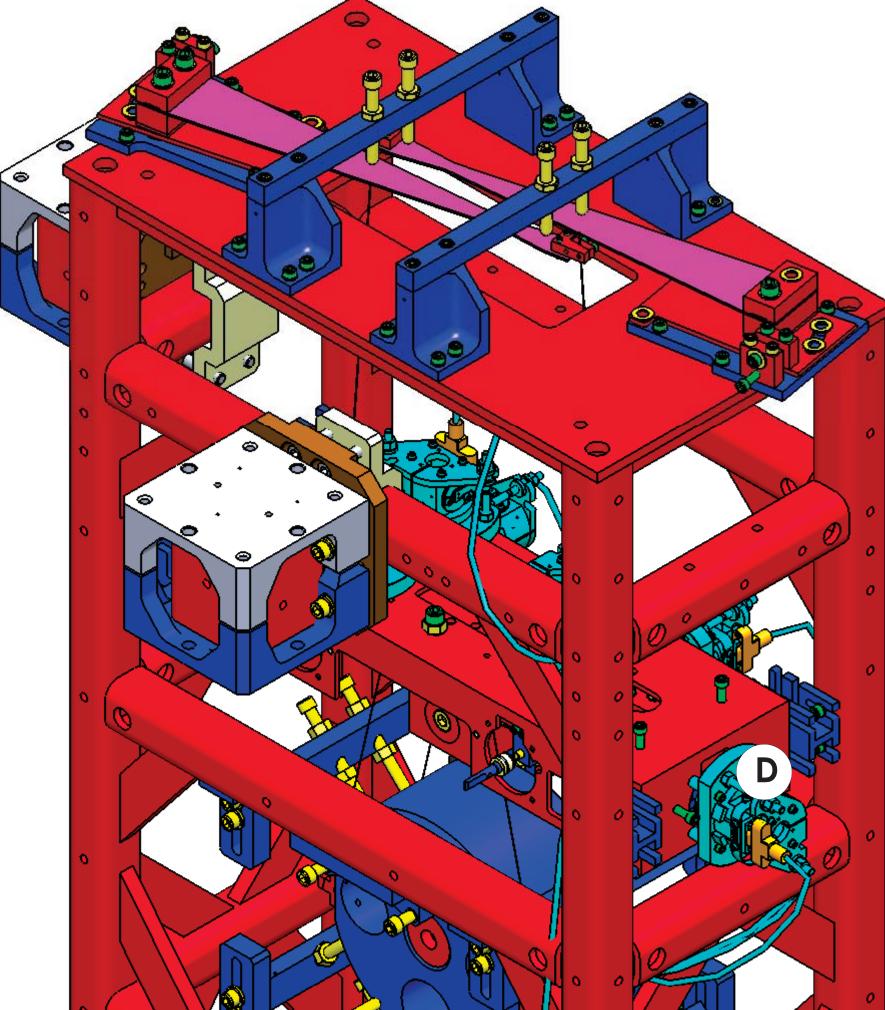


RIGHT SIDE (-Y)

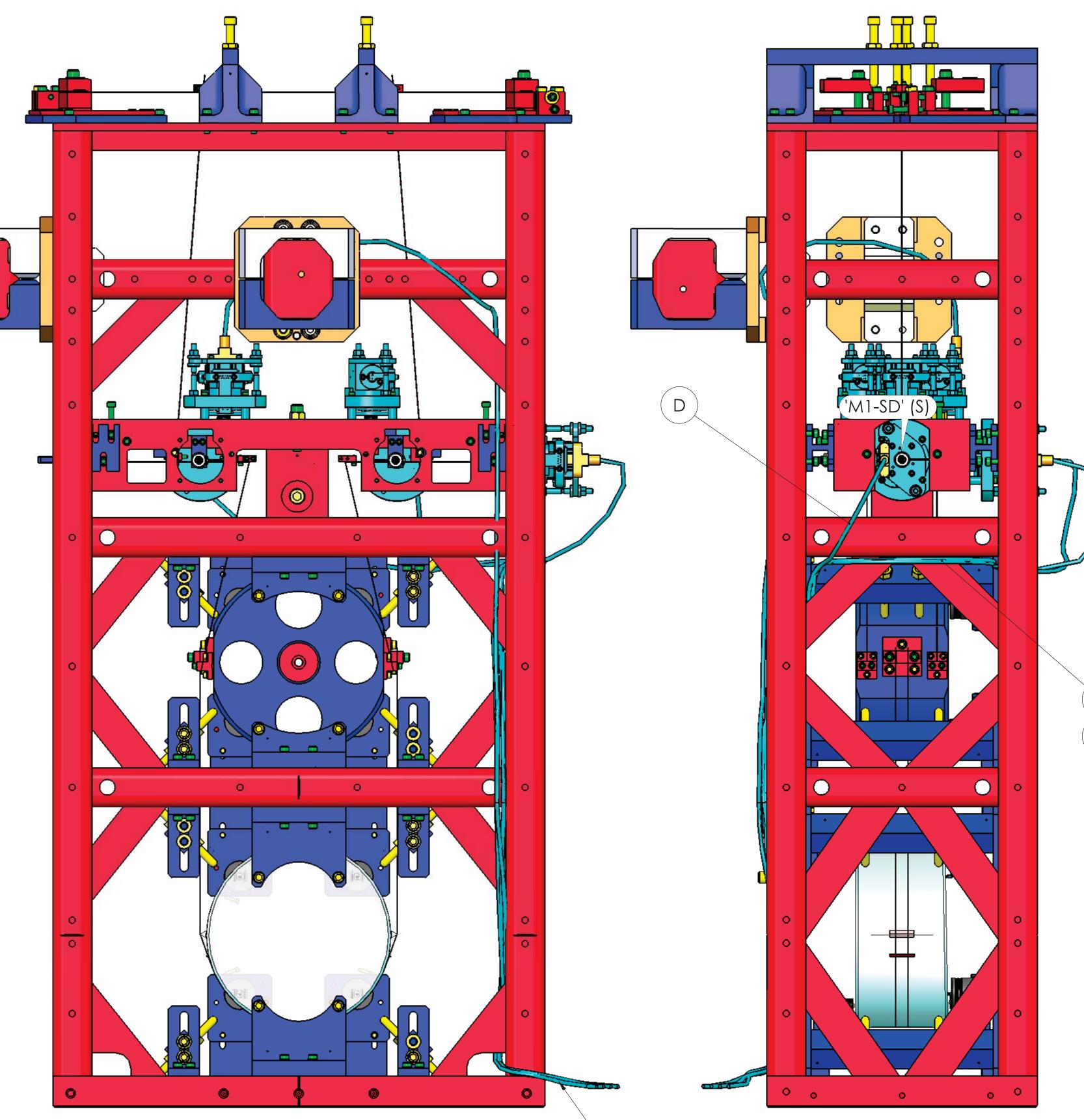
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—IF REQUIRED, SECURE CABLES USING PEEK CABLE TIES OR EQ. 4 PLACES

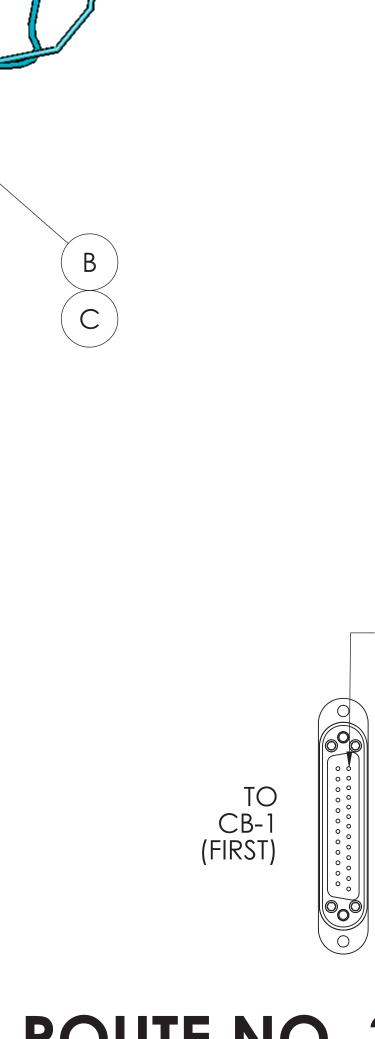
QP LEGS

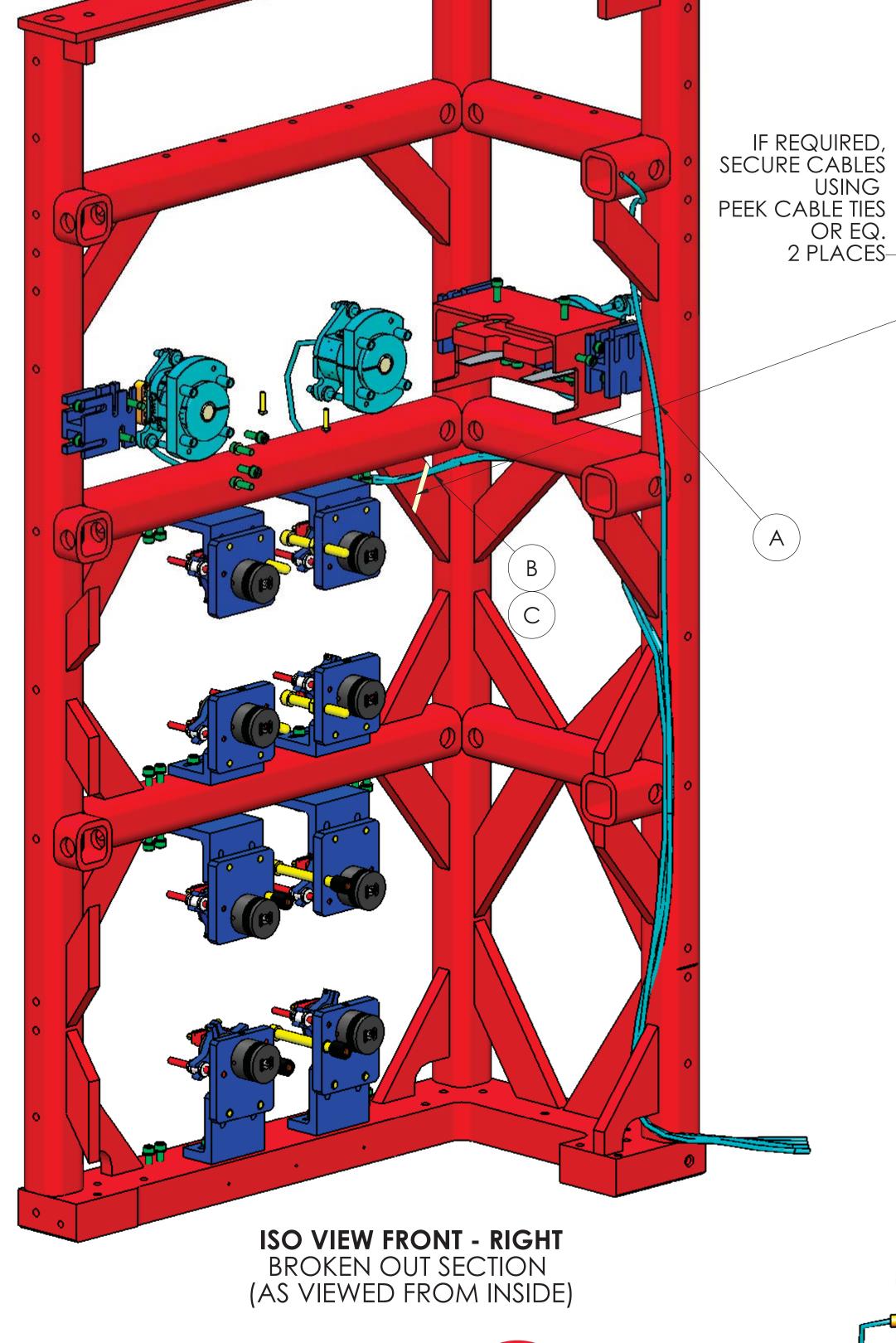


HR SIDE ISO VIEW, FRONT - LEFT (+X)



HR SIDE - FRONT (+X)
(END CONNECTORS, NOT SHOWN FOR CLARITY)



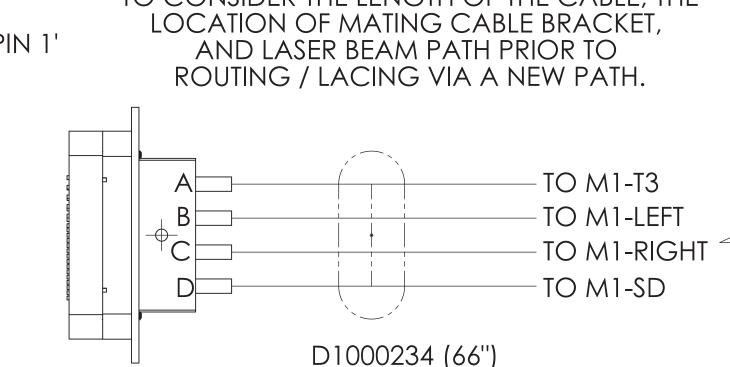




CABLE ROUTING:
ROUTE ALL CABLES IN ACCORDANCE ROUTE ALL CABLES IN ACCORDANCE
WITH LIGO-T1200203 AND T1200318.

CABLE ROUTES DEPICTED
IN THIS DOCUMENT ARE NOT MANDATORY, BUT
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LOCATION OF MATING CABLE BRACKET,
AND LASER BEAM PATH PRIOR TO
ROUTING / LACING VIA A NEW PATH.





**AR SIDE**  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ 

ISO VIEW, REAR - LEFT (-X)

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ROUTE NO. 3

**LEFT SIDE (+Y)** (1.1) (1.2)

QP LEGS LACED THROUGH HR SIDE BOTTOM

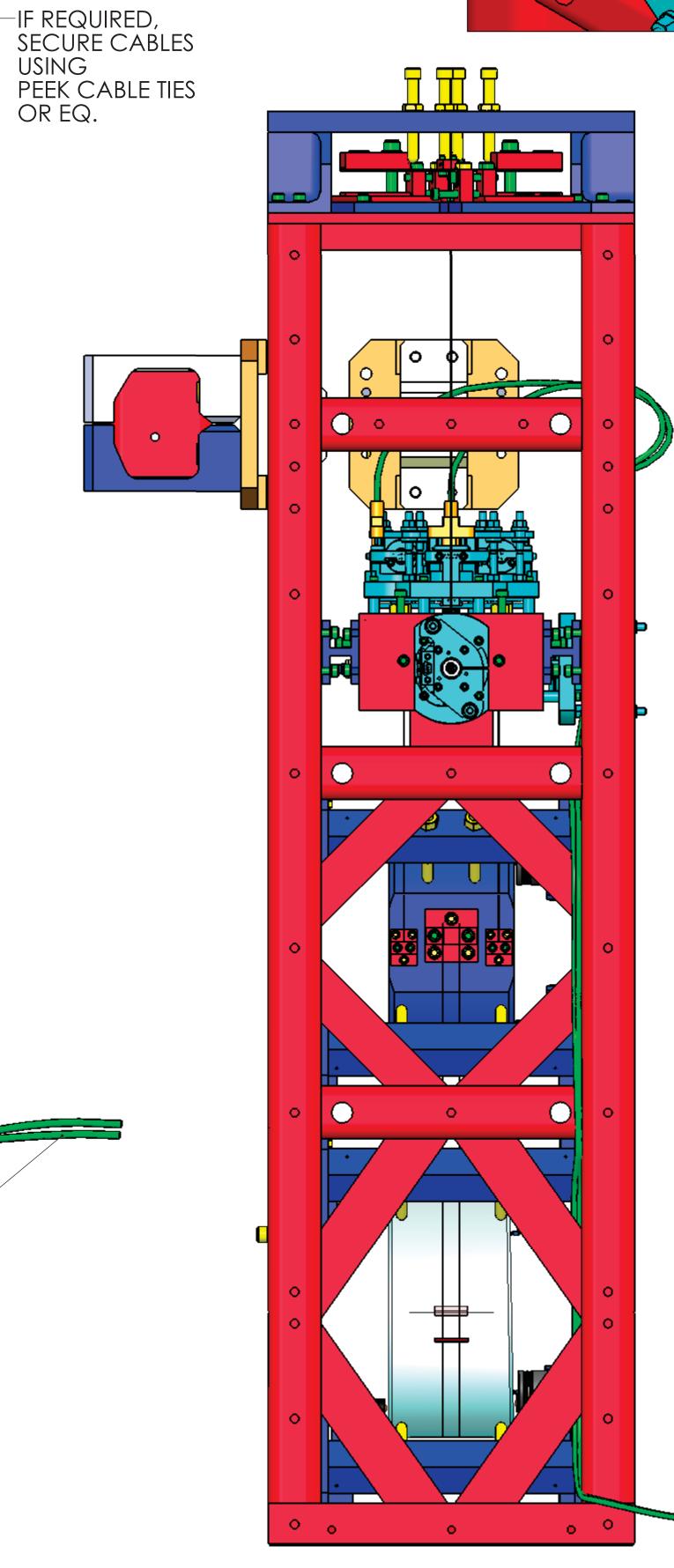
RIGHT GUSSET

SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE



┌'PIN 1' D1000234 (66")

'M1-T2' (S) 'M1-T1' (S)



LEFT SIDE (+Y)

AR SIDE  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ ISO VIEW, REAR - LEFT (-X)

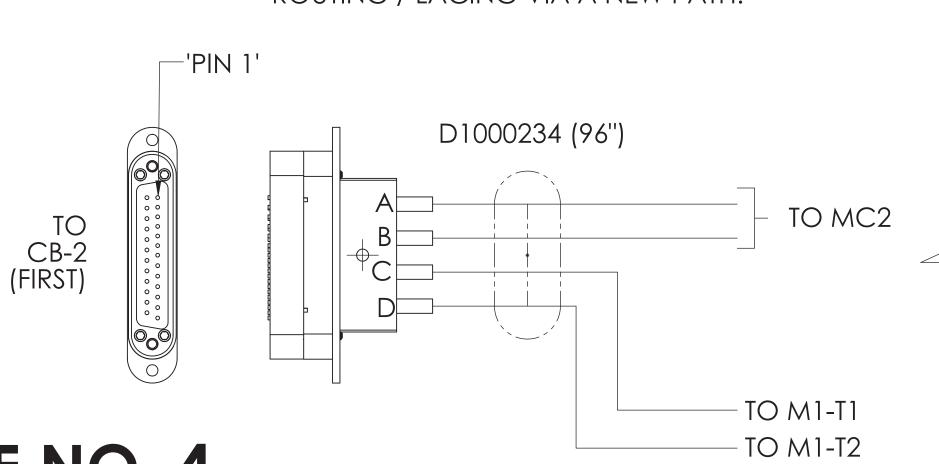


CABLE ROUTING:

ROUTE ALL CABLES IN ACCORDANCE
WITH LIGO-T1200203 AND T1200318.

CABLE ROUTES DEPICTED
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AND LASER BEAM PATH PRIOR TO
ROUTING / LACING VIA A NEW PATH.



AR SIDE - REAR (-X)
(END CONNECTORS, NOT SHOWN FOR CLARITY)

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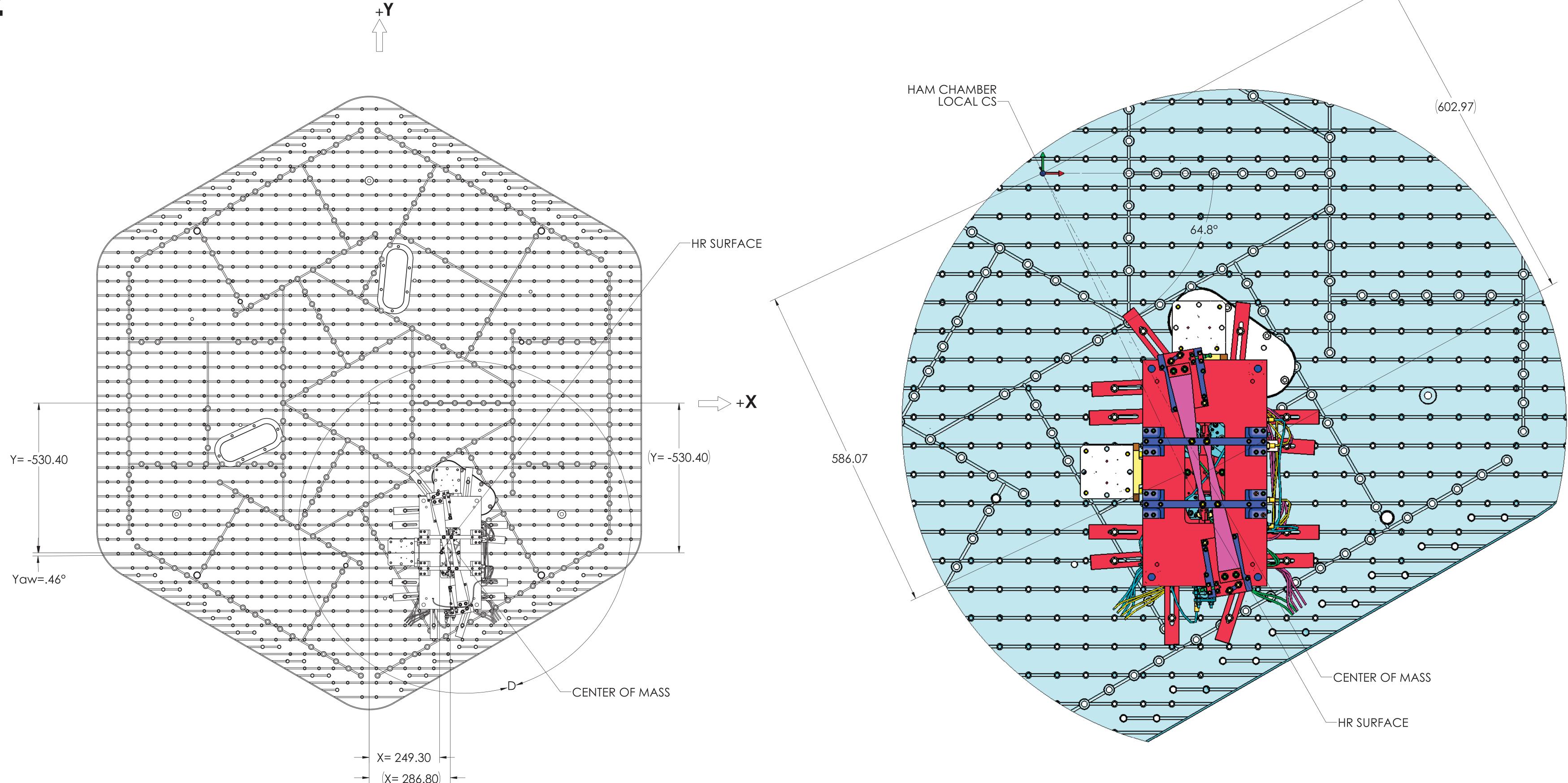
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ROUTE NO. 4 SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE

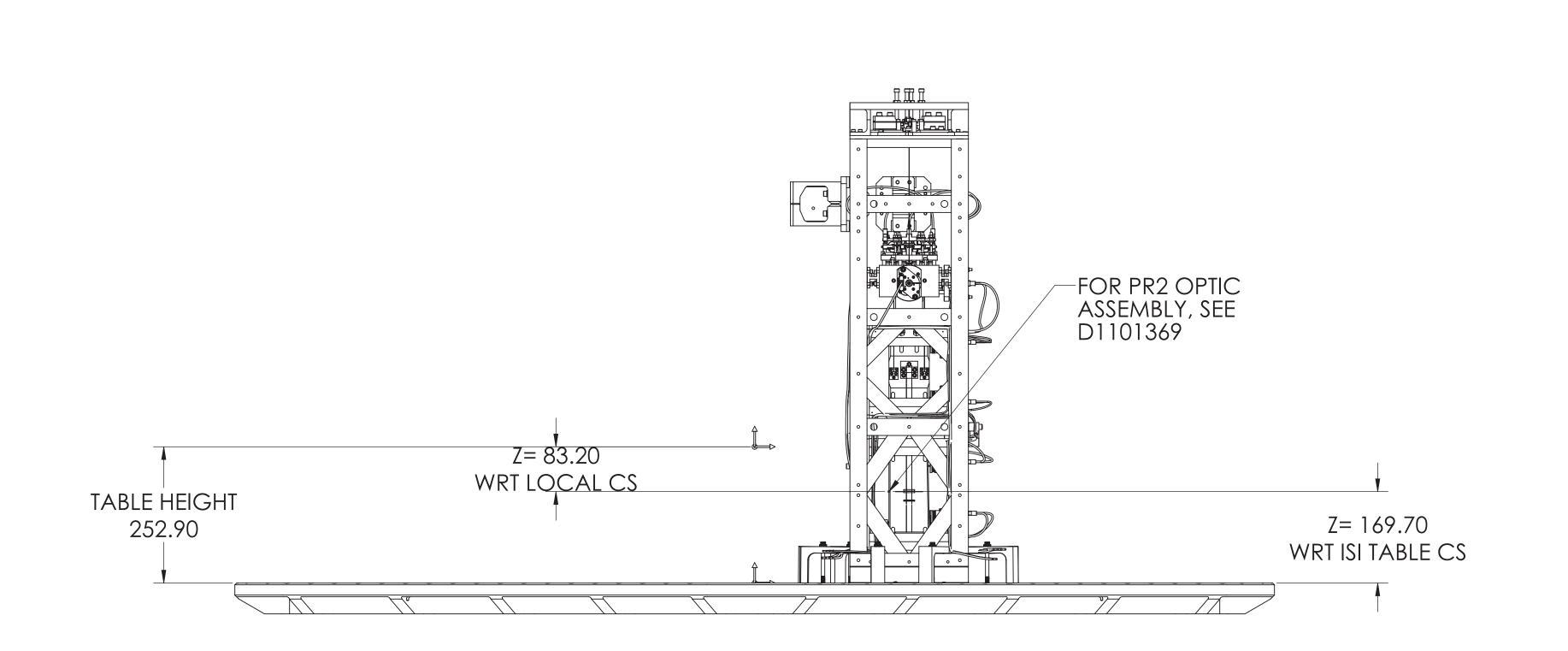
ISO VIEW FRONT - LEFT BROKEN OUT SECTION (AS VIEWED FROM INSIDE)

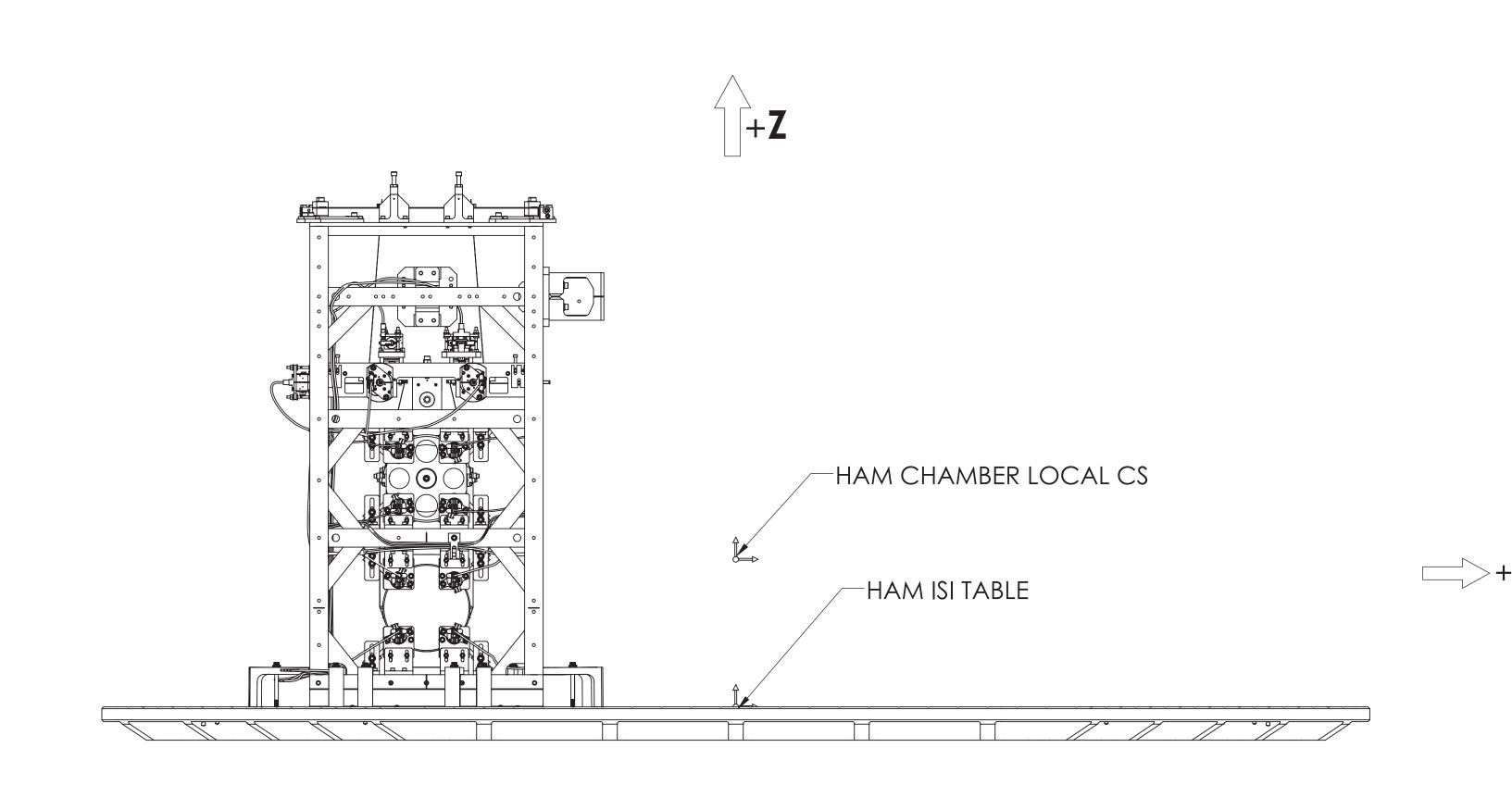
QP LEGS LACED LEFT SIDE BOTTOM \_ RIGHT GUSSET

AR SIDE ISO VIEW, REAR - LEFT (-X)



DETAIL D SCALE 1:3





LOCAL COORDINATES DEFINITIONS

NOTE: DIMENSION IN PARENTHESIS (REFEENCE DIMIENSIONS), ARE FROM CENTER OF MASS.

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