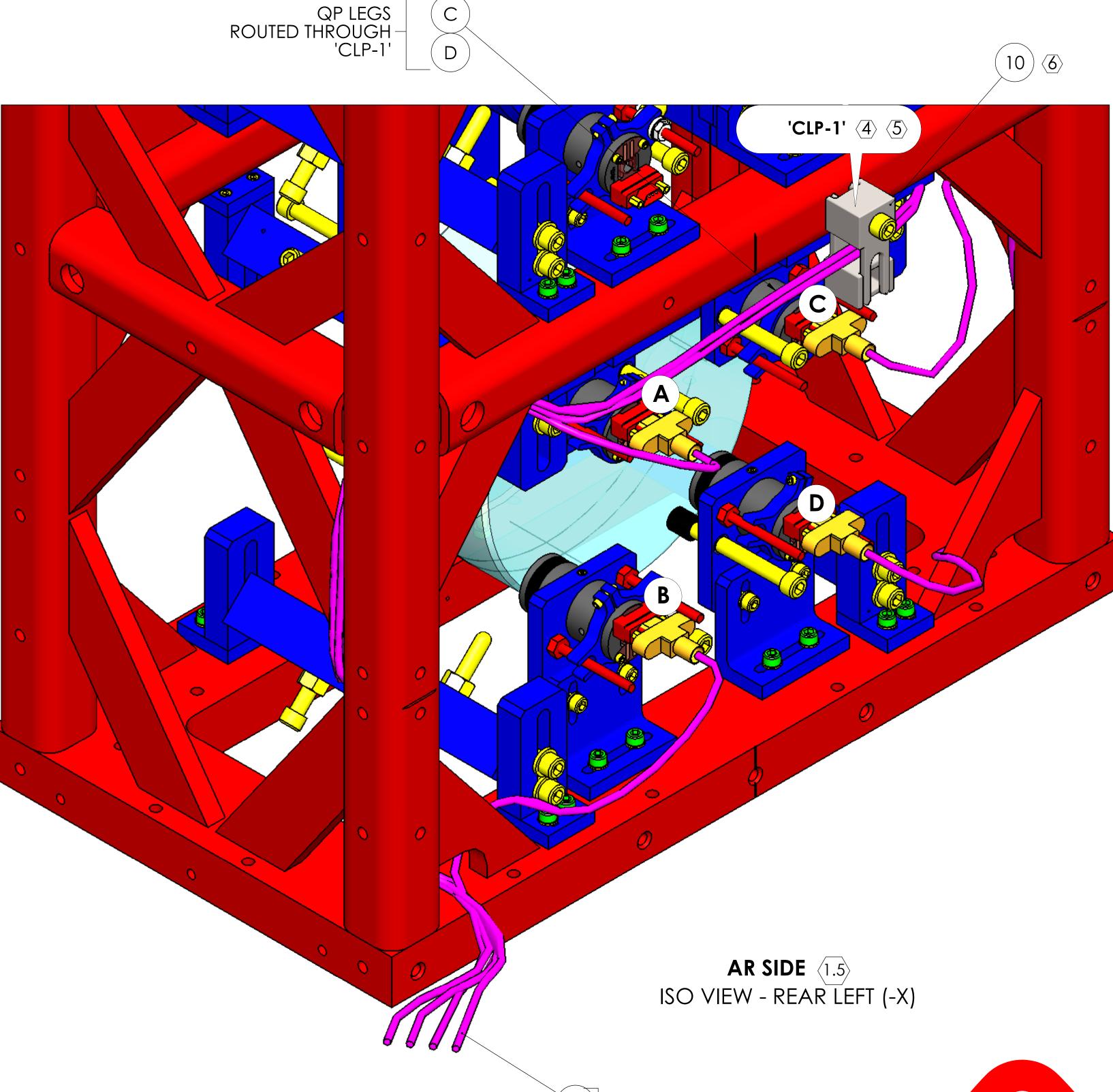
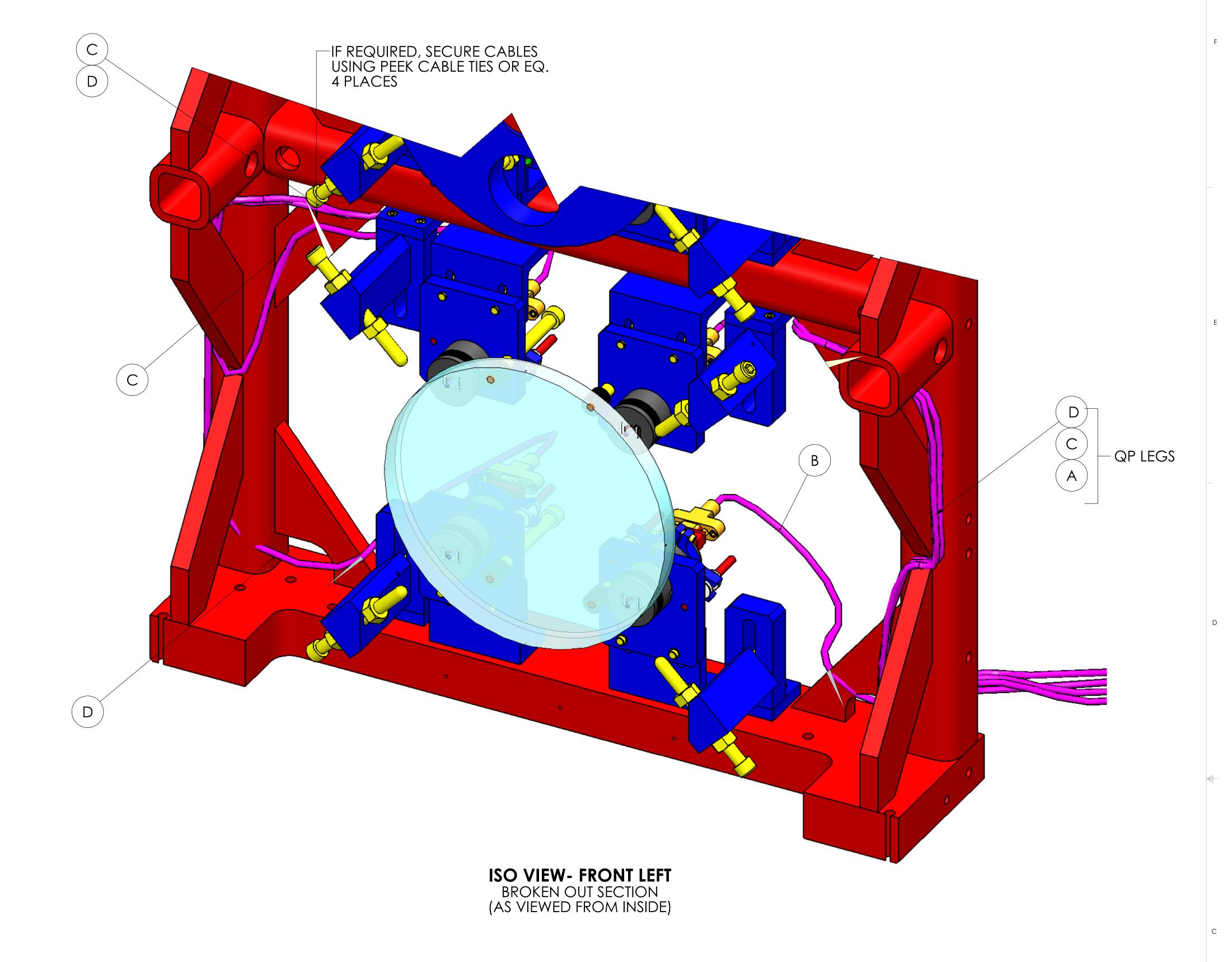
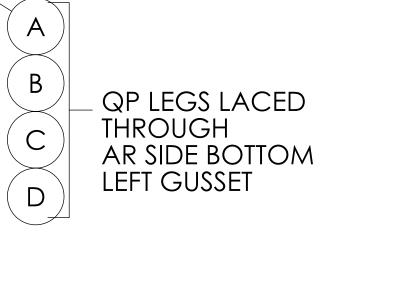


PR2







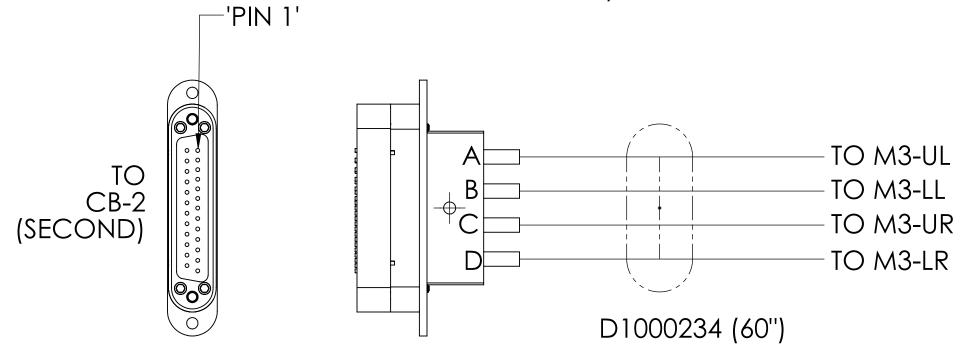


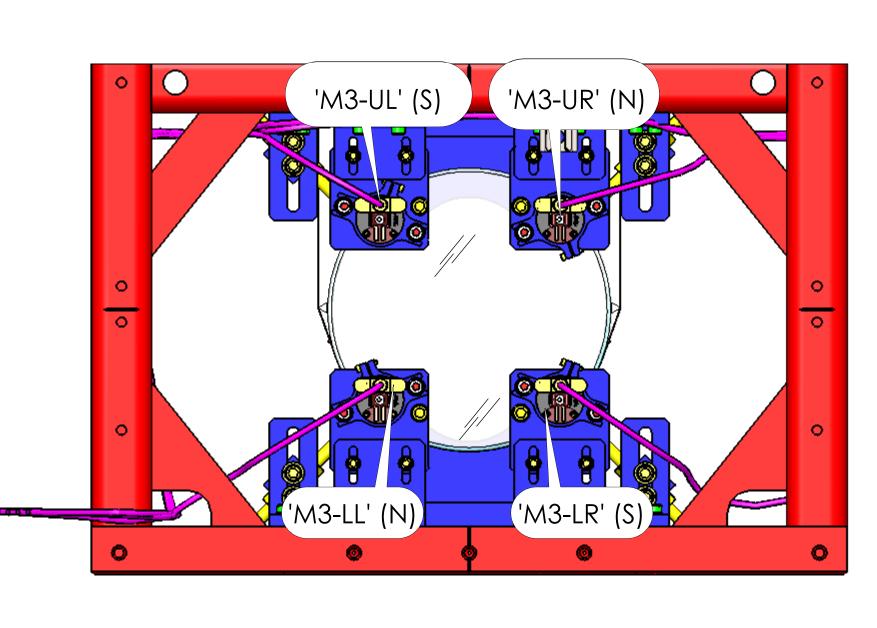
CABLE ROUTING:

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

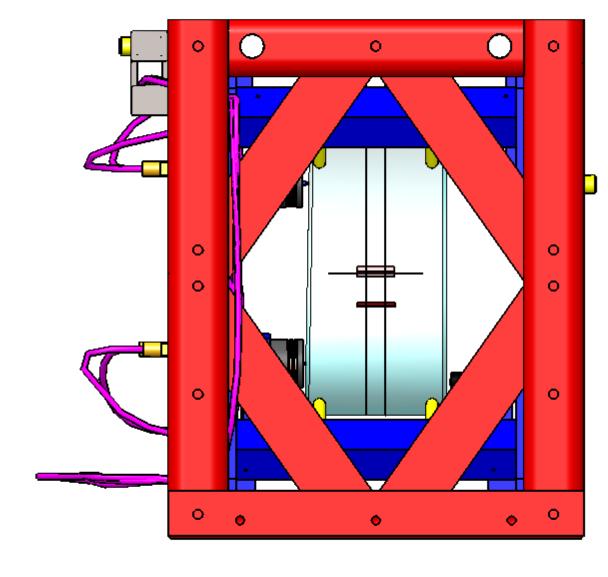
CABLE ROUTES DEPICTED
IN THIS DOCUMENT ARE NOT MANDATORY, BUT
RATHER A CONSIDERED ROUTE AIMED TO
CLEAR LASER BEAM PATHS.

ALTERNATE ROUTES FOR PROBLEMATIC AREAS
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AND LASER BEAM PATH PRIOR TO
ROUTING / LACING VIA A NEW PATH.





AR SIDE - REAR (-X) 1.1 1.2 (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

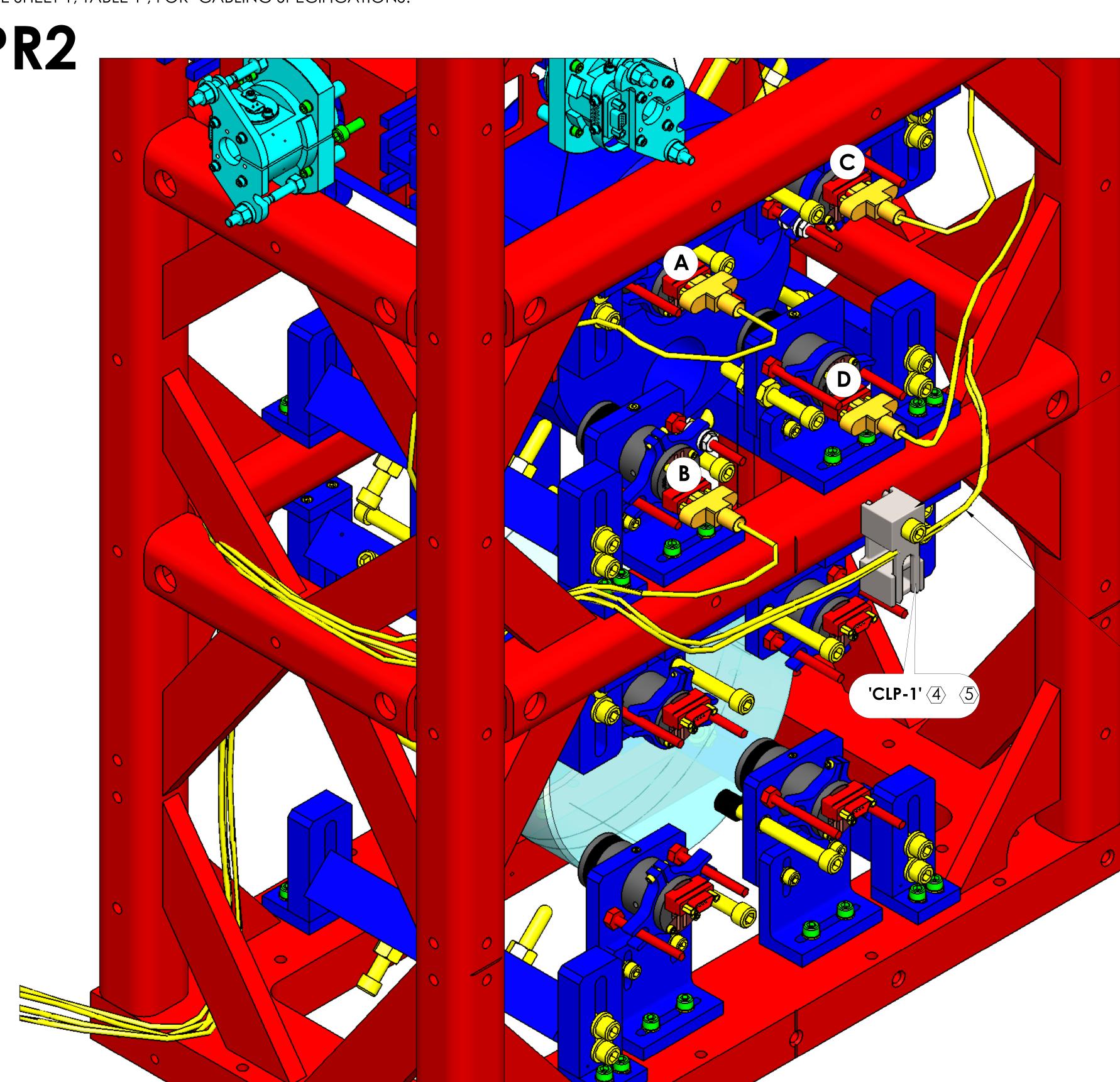
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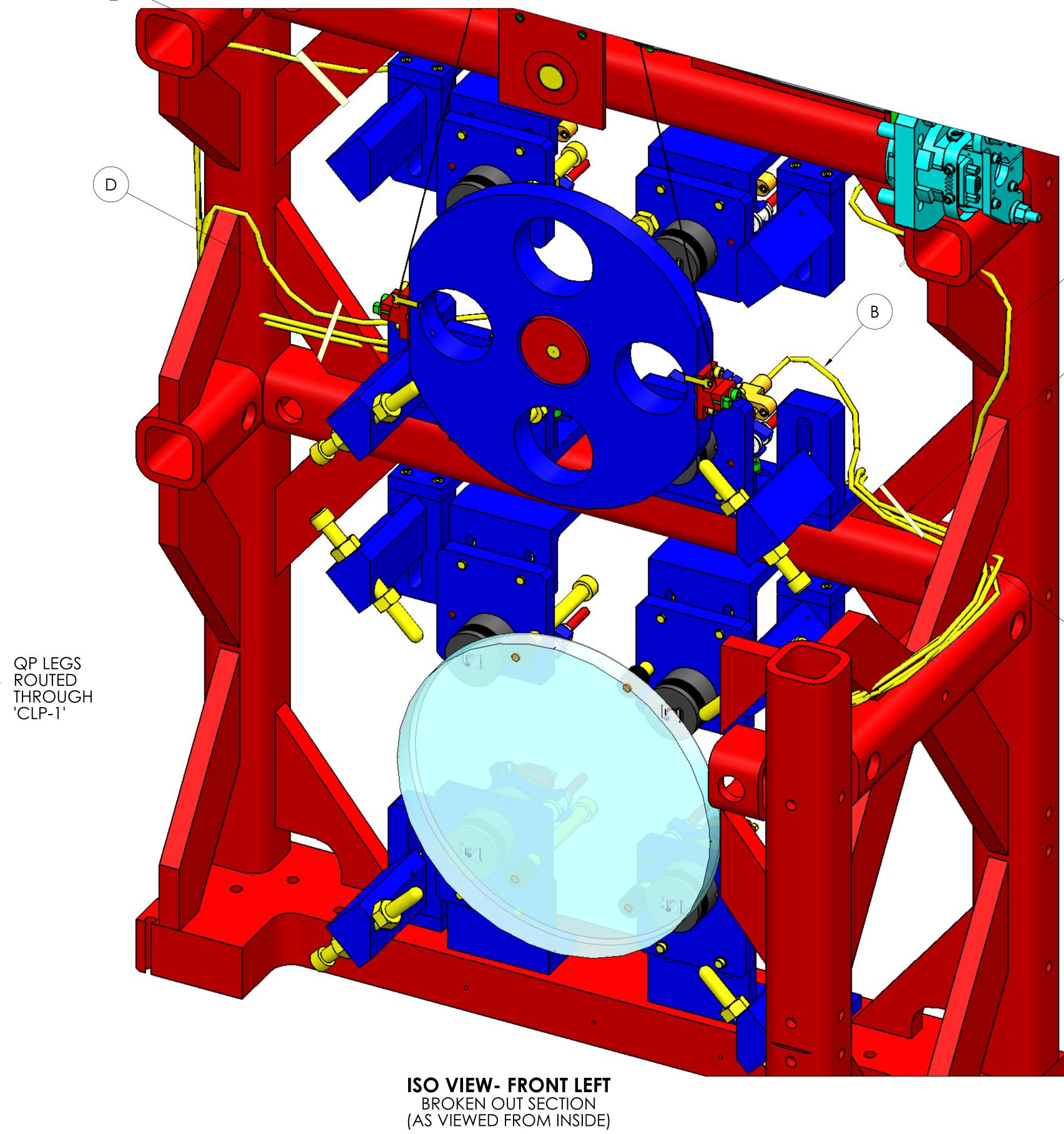
SIZE DWG. NO. REV.

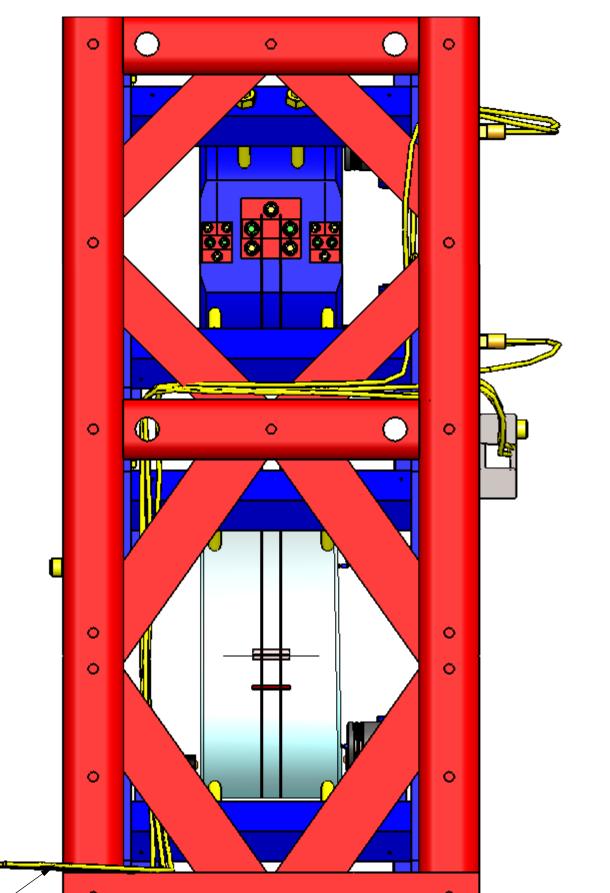
SEE LIGO-T1200318
FOR STEP BY STEP CABLING GUIDE

SIZE DWG. NO.

D0901







QP LEGS LACED

THROUGH LEFT SIDE BOTTOM LEFT GUSSET

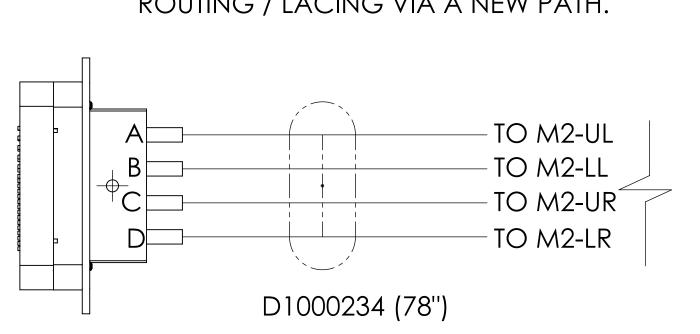
CB-1 (SECOND) LEFT SIDE (+Y)

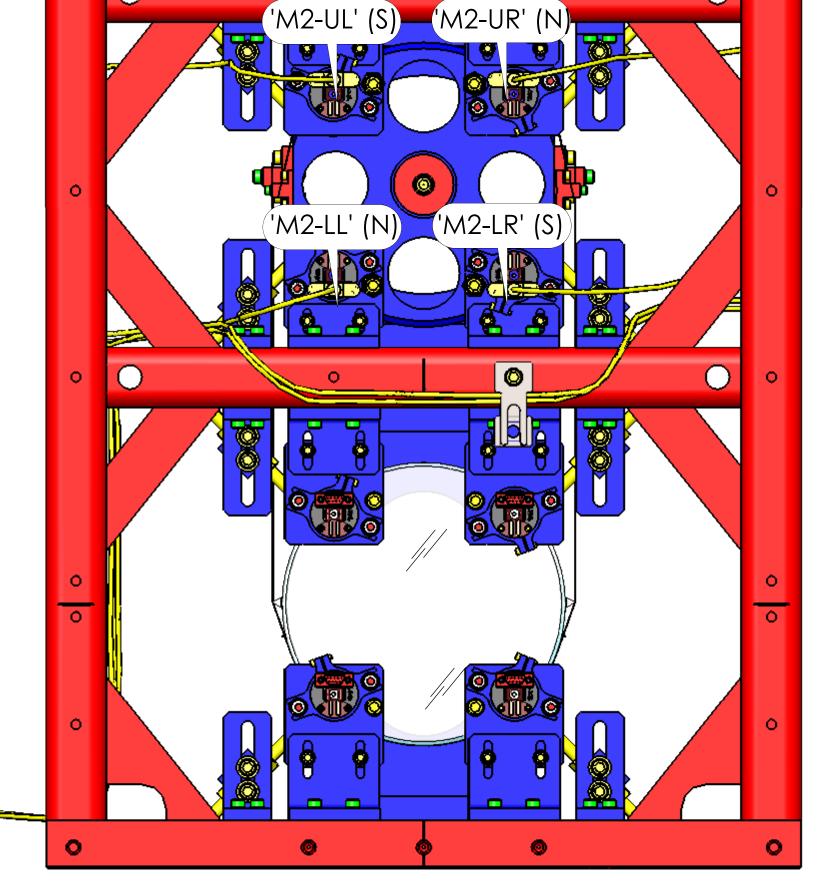


AR SIDE (1.5)
ISO VIEW - REAR LEFT (-X)

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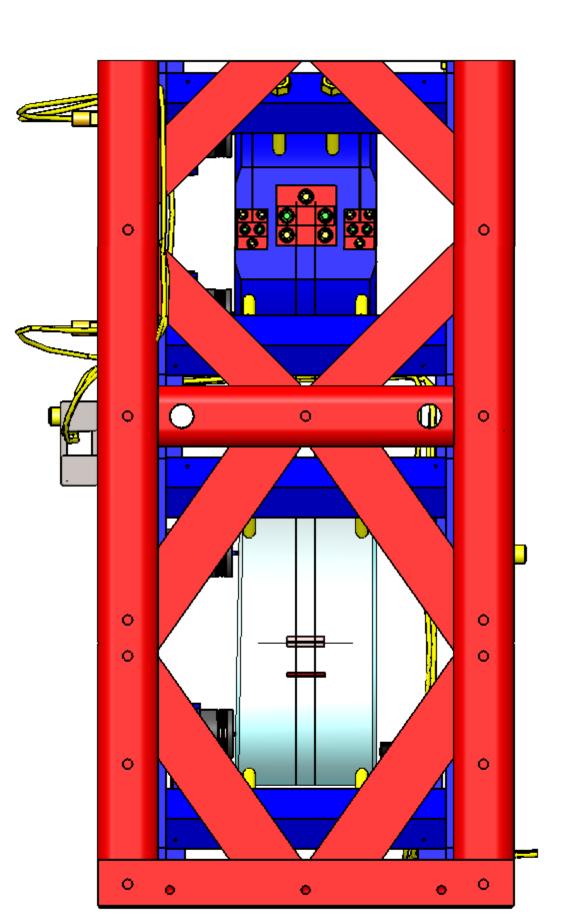




AR SIDE - REAR (-X)  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ (END CONNECTORS, NOT SHOWN FOR CLARITY)

## ROUTE NO. 2

SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE

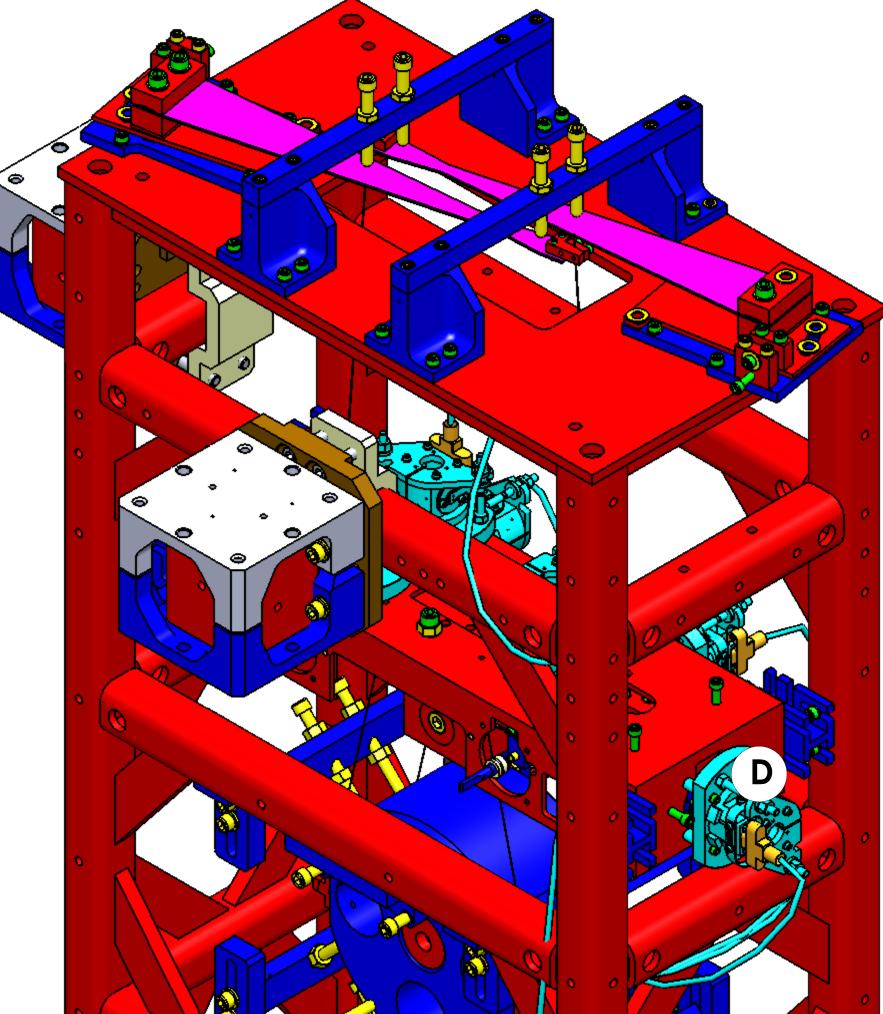


RIGHT SIDE (-Y)

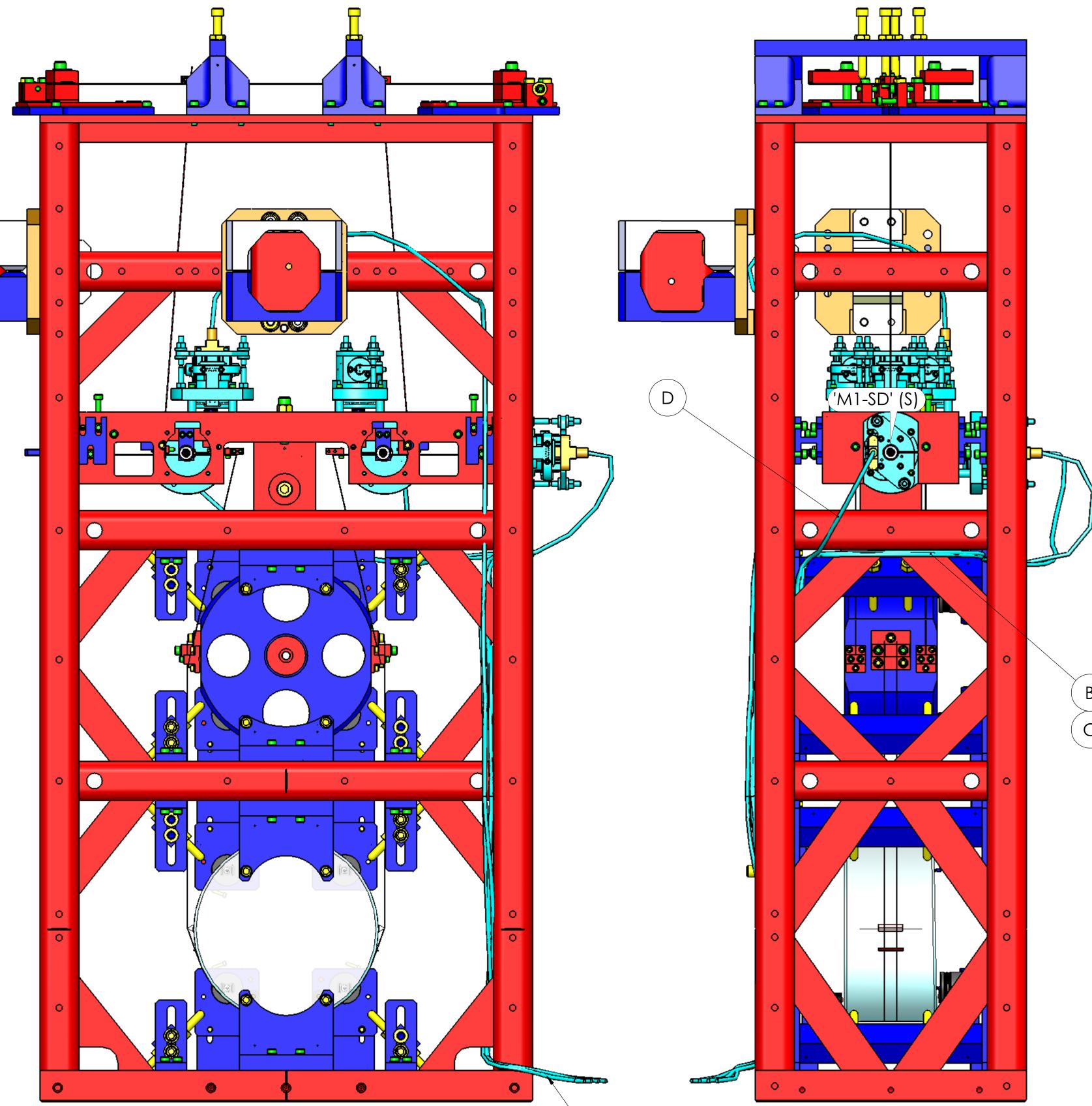
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—IF REQUIRED, SECURE CABLES USING PEEK CABLE TIES OR EQ. 4 PLACES

- QP LEGS



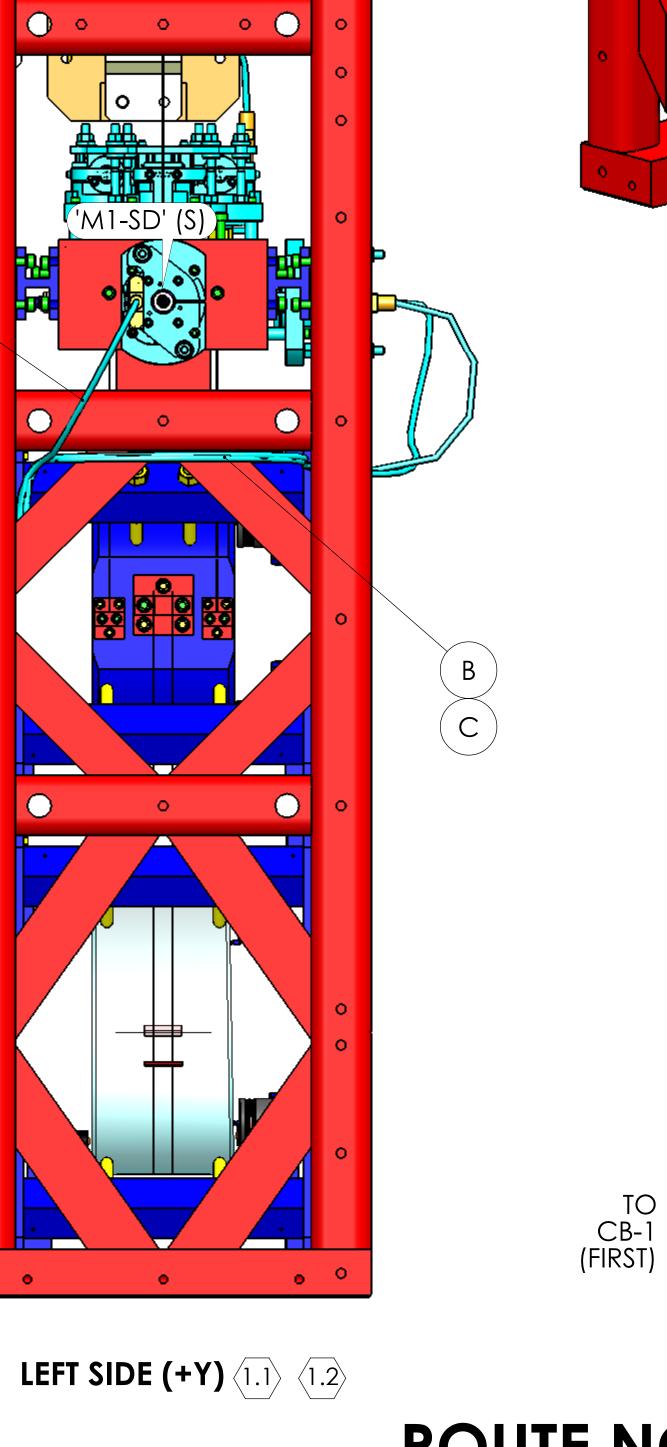
HR SIDE ISO VIEW, FRONT - LEFT (+X)

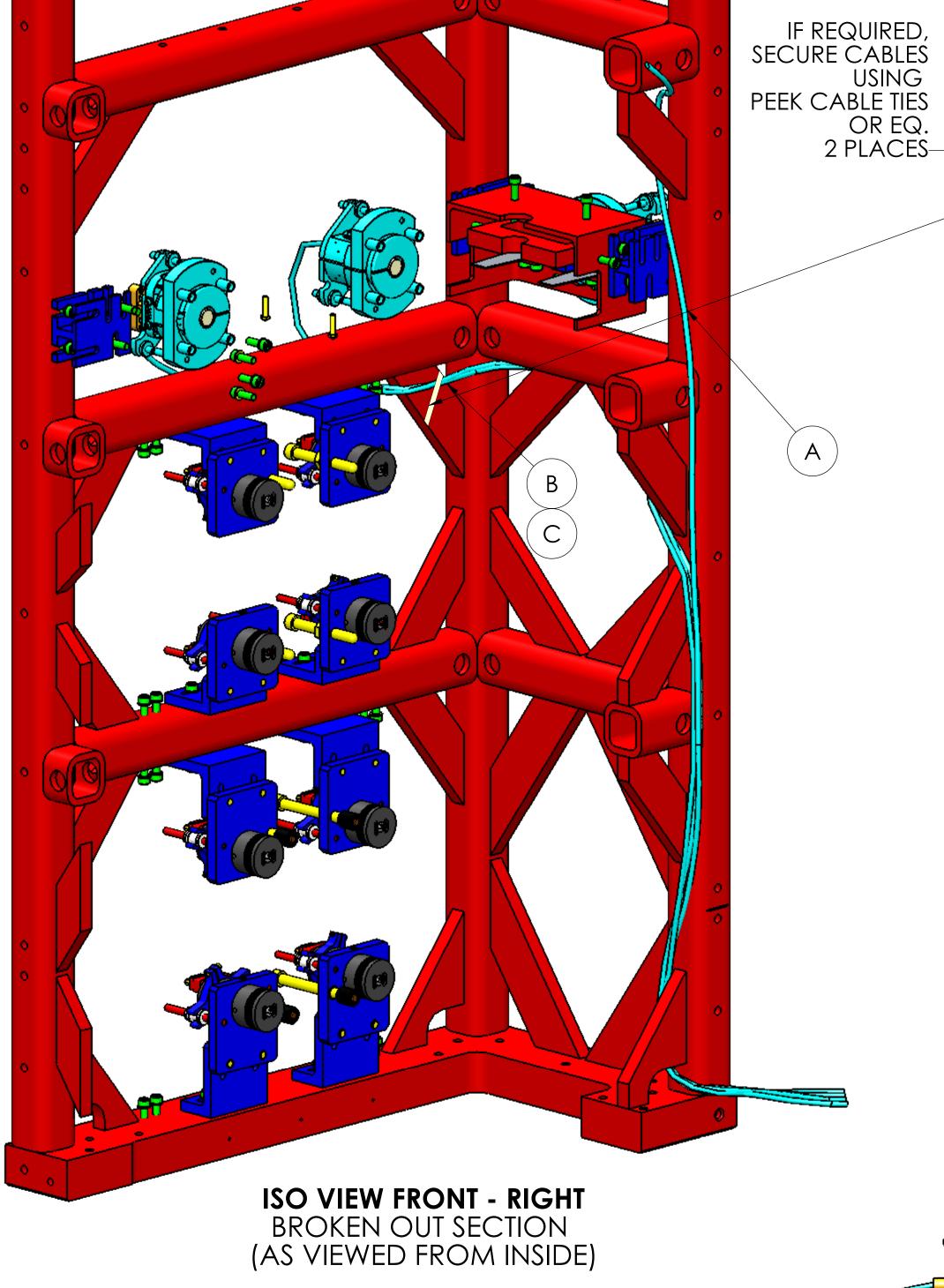


QP LEGS LACED THROUGH HR SIDE BOTTOM

RIGHT GUSSET

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



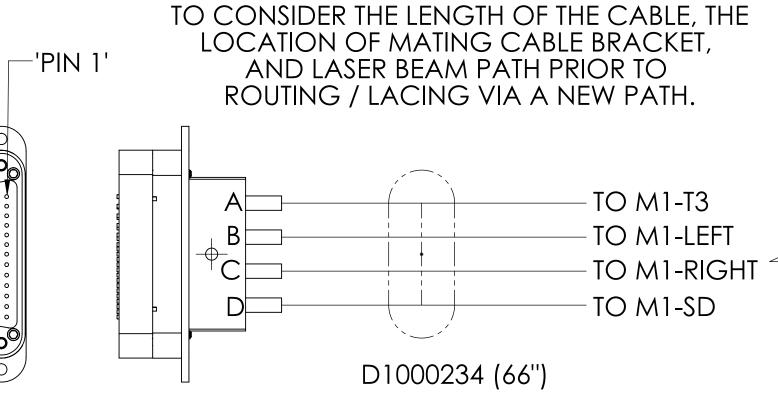


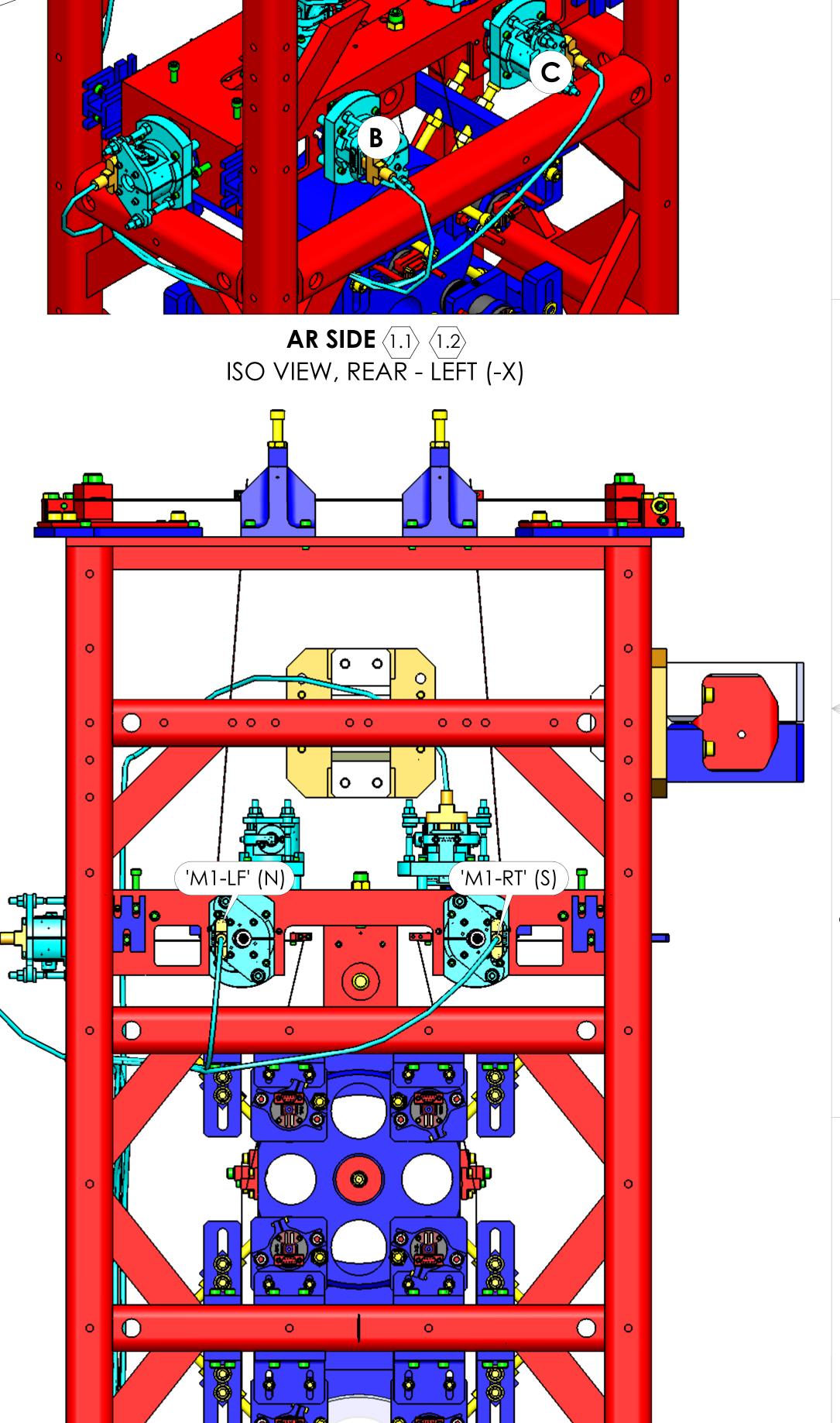


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WITH LIGO-T1200203 AND T1200318.

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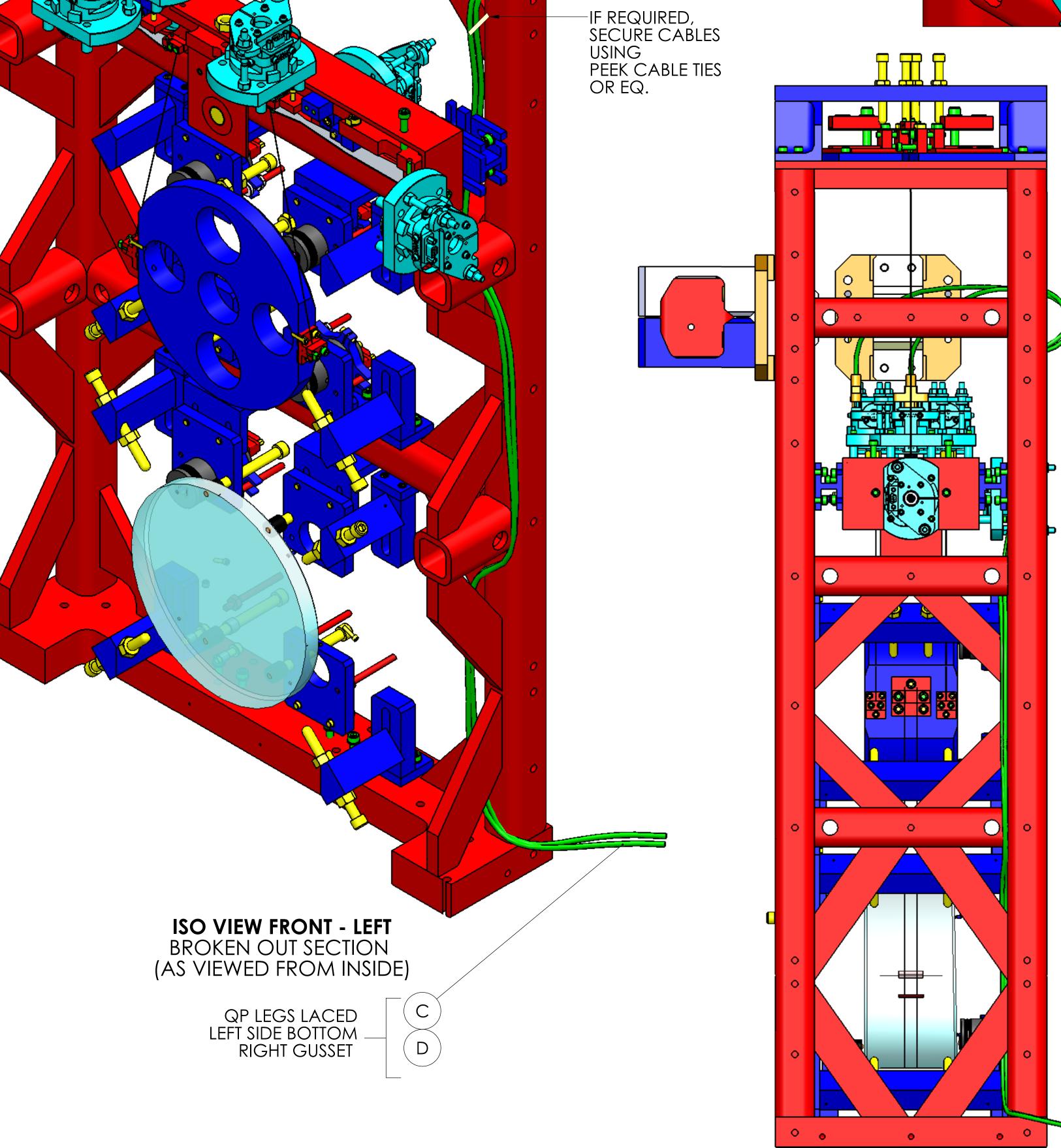
AR SIDE - REAR (-X)  $\langle 1.1 \rangle$   $\langle 1.2 \rangle$ (END CONNECTORS, NOT SHOWN FOR CLARITY)

D0901098

ROUTE NO. 3

SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE

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



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

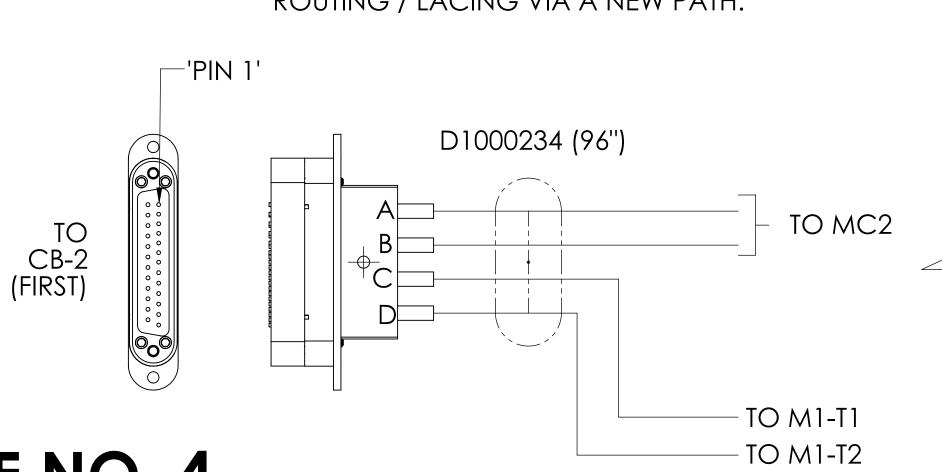


CABLE ROUTING:

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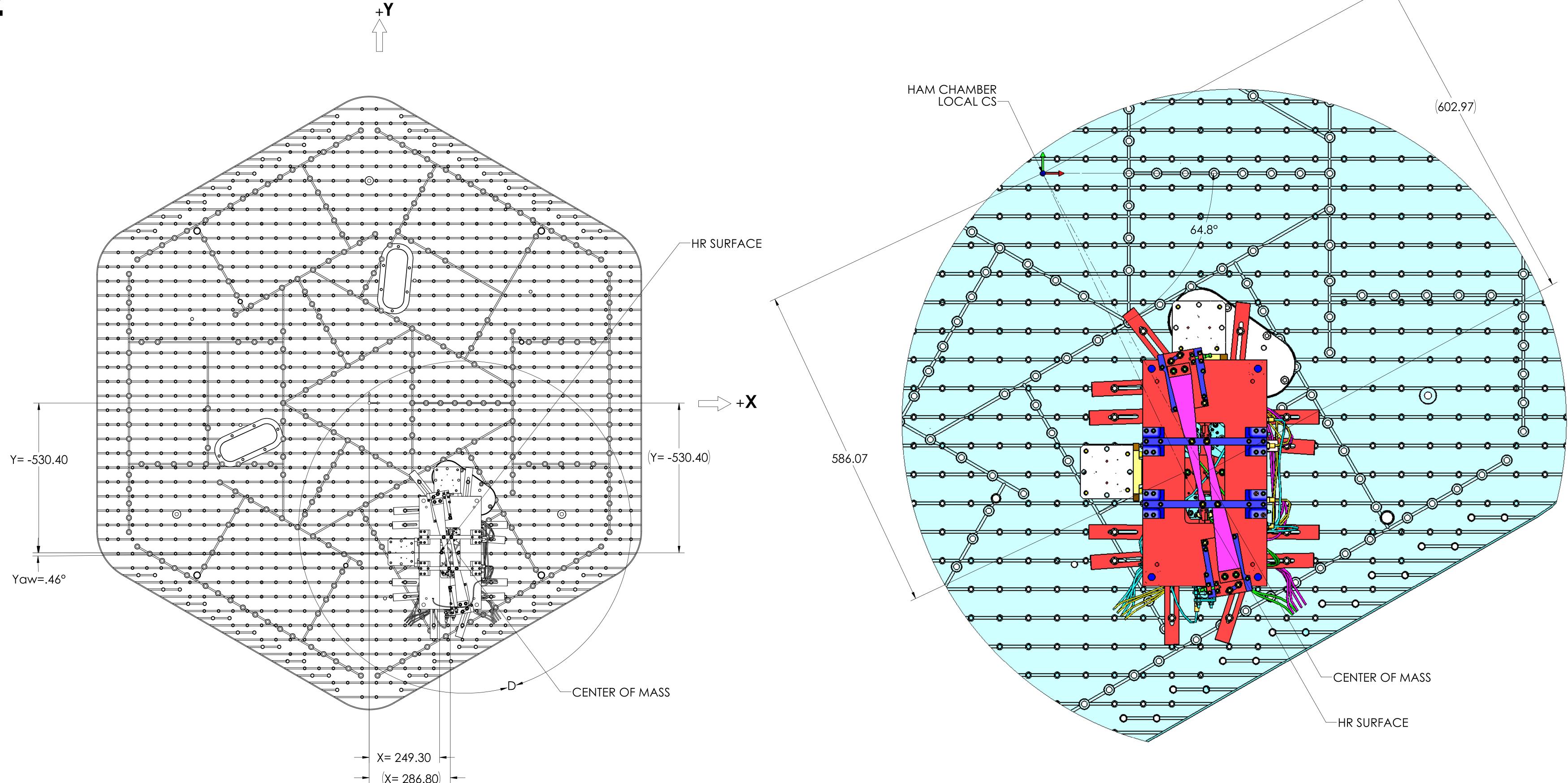
AR SIDE - REAR (-X)
(END CONNECTORS, NOT SHOWN FOR CLARITY)

000 00 000

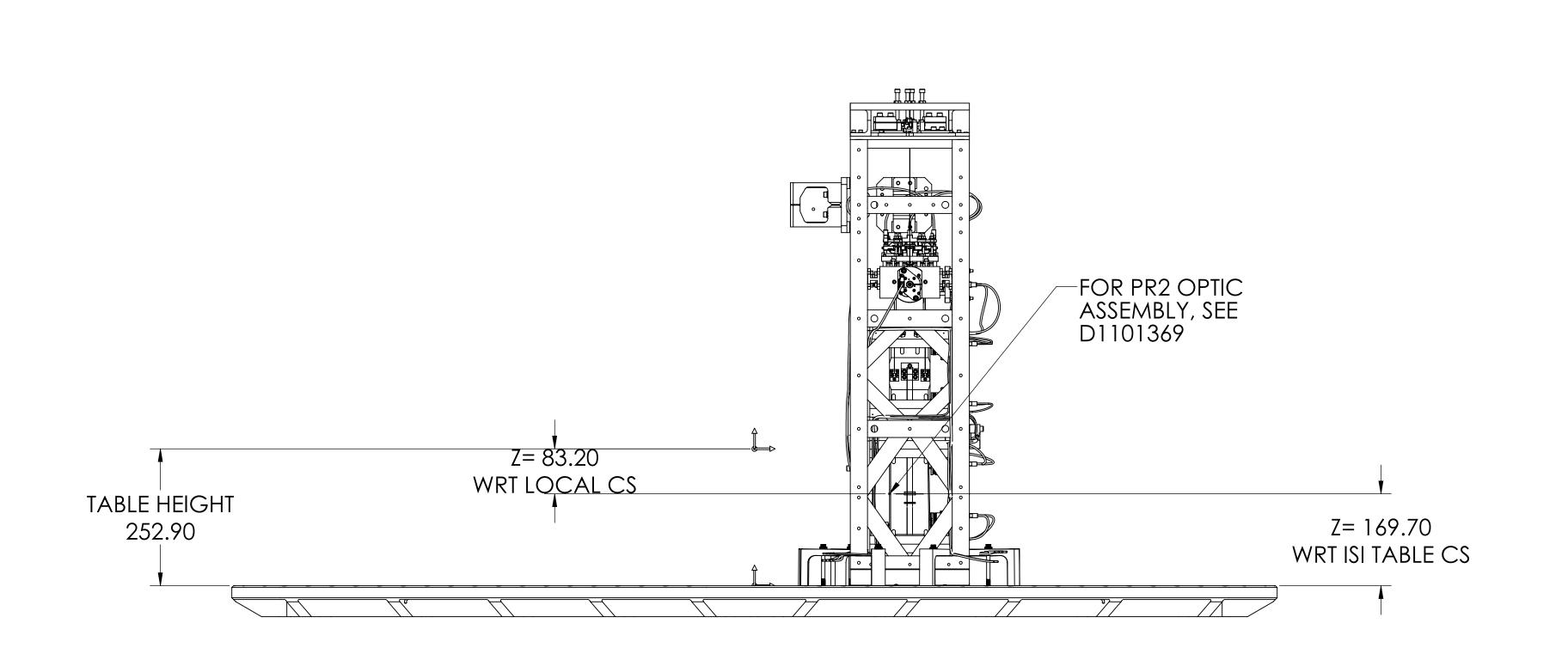
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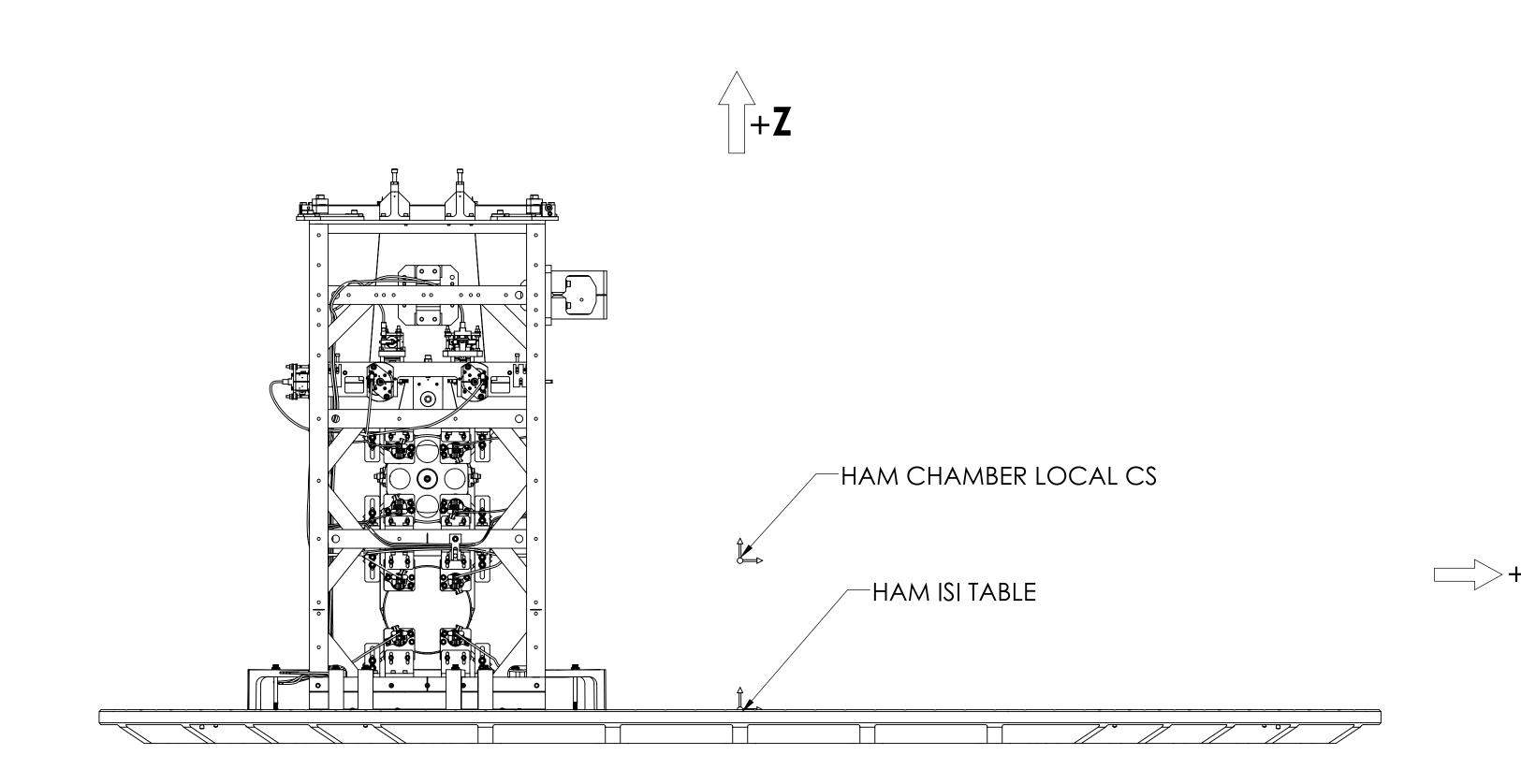
ROUTE NO. 4 SEE LIGO-T1200318 FOR STEP BY STEP CABLING GUIDE

LEFT SIDE (+Y)



DETAIL D SCALE 1:3





LOCAL COORDINATES DEFINITIONS

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