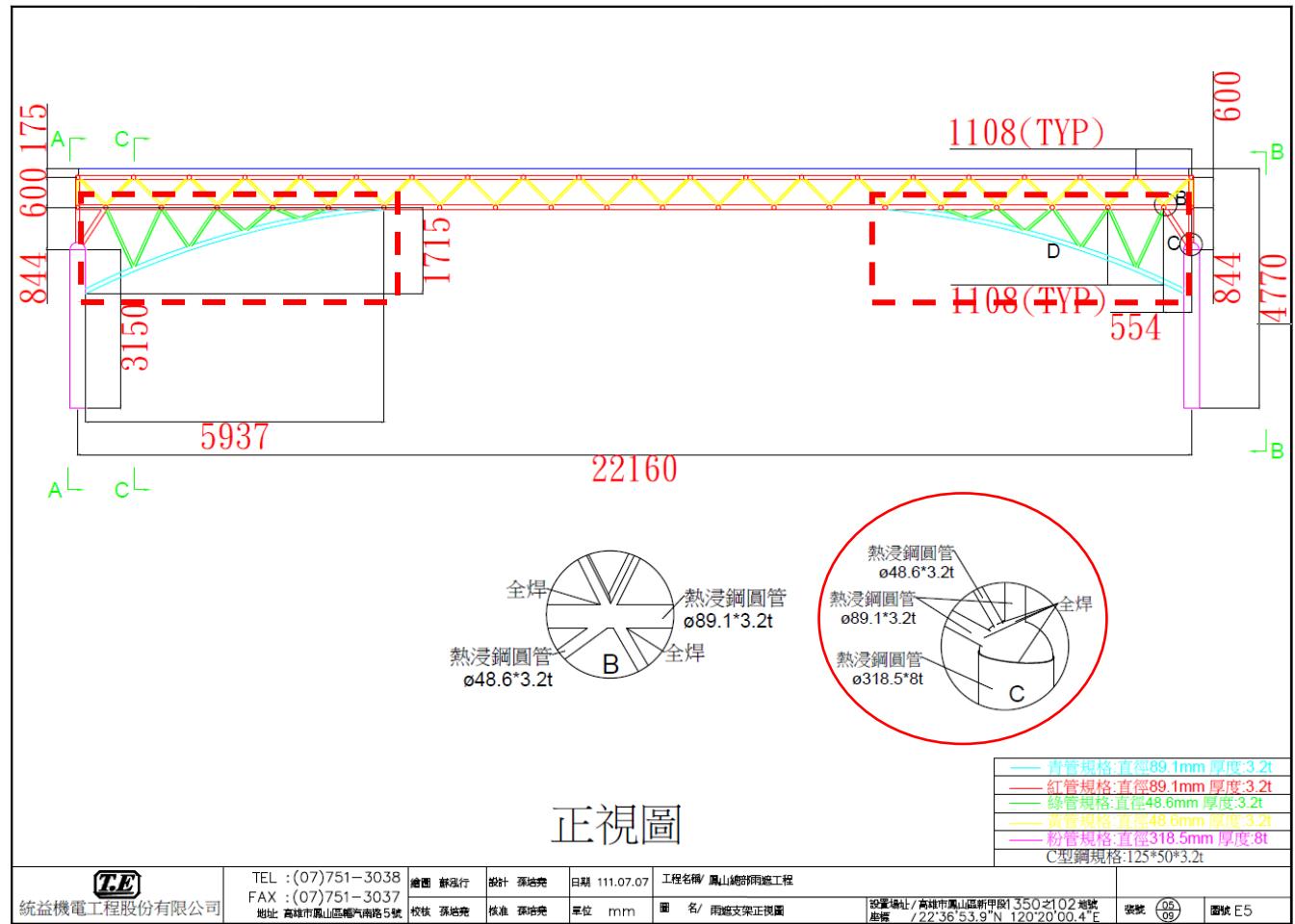
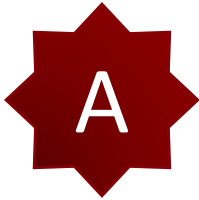




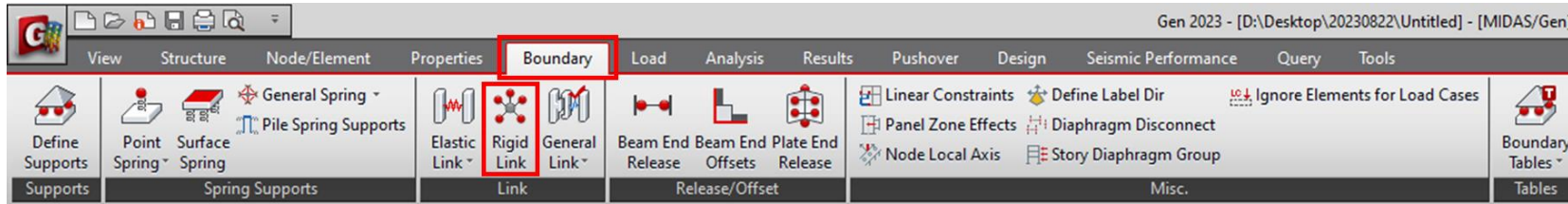
請問：

1. C 部分半圓形管件接頭如何建模
2. D 部分桁架之弧形下弦管如何建模





Q1. 因為那個是 Joint，您可以使用 Rigid Link。(在 Boundary > Rigid Link)
然後您可以輸入哪個 Node 是 Master Node，哪個 Node 是 Slave Node。



Node Element Boundary Mass Load

Rigid Link

Boundary Group Name: Default

Options: Add Delete

Master Node
Master Node Number: 79

Release Slave Nodes Without Specifying Master Nodes

DOF of Rigid Link

Slave Nodes: Rigid Body: $\sqrt{DX} \sqrt{DY} \sqrt{DZ}$, $\sqrt{RX} \sqrt{RY} \sqrt{RZ}$

Master Node: Plane X-Y: $\sqrt{DX} \sqrt{DY} \sqrt{RZ}$

DX DY DZ
 RX RY RZ

Typical Types: Rigid Body, Plane X-Y, Plane Y-Z, Plane X-Z

Copy Rigid Link

Axis: x y z

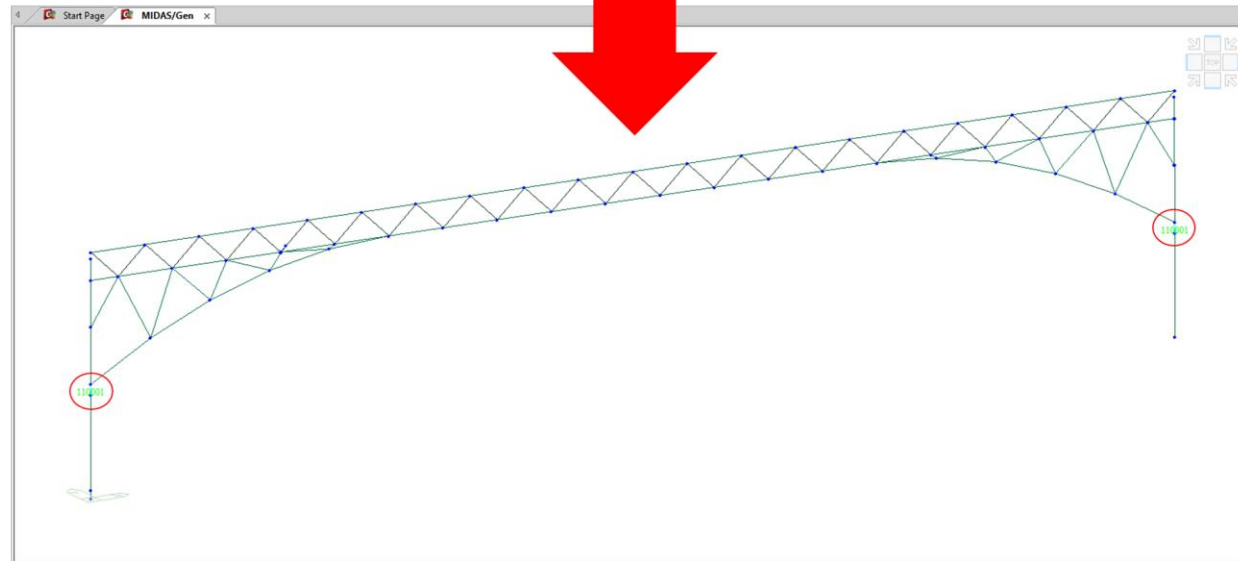
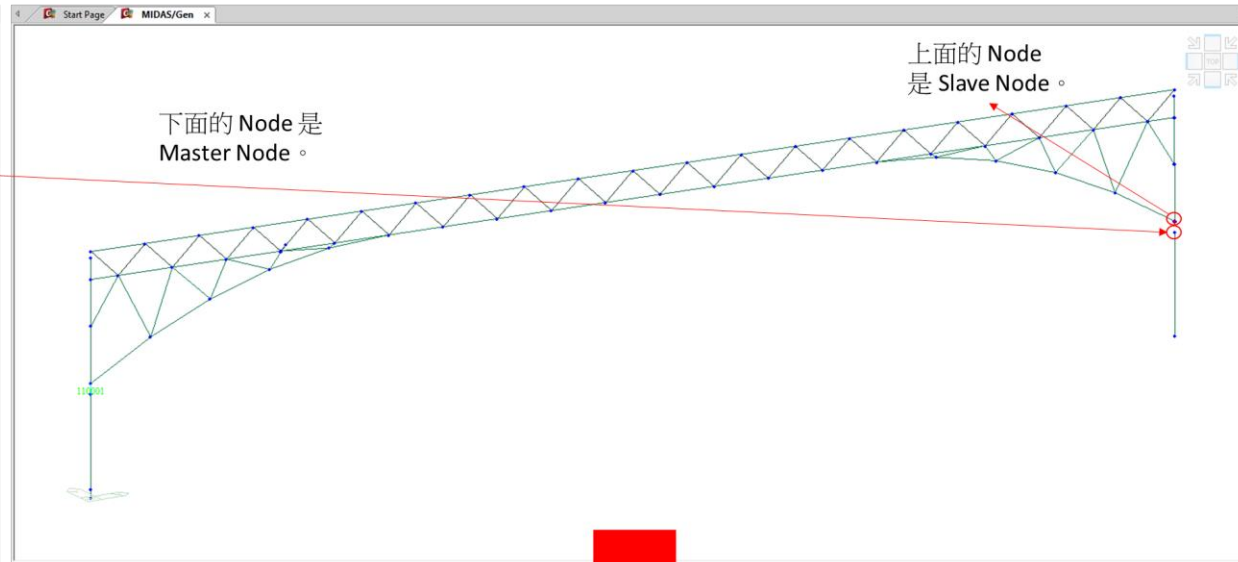
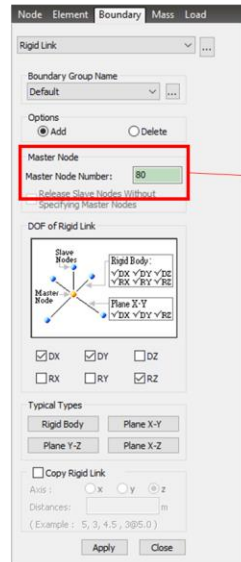
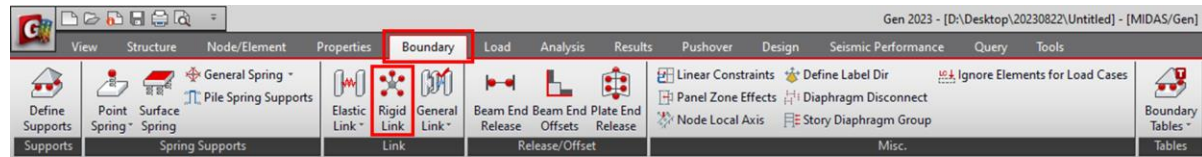
Distances: 22.16 m

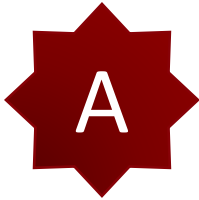
(Example: 5, 3, 4.5, 3@5.0)

Apply Close

下面的 Node 是 Master Node。

上面的 Node 是 Slave Node。





Q2. 在 Structure > Base Structure > 選 Arch。然後您可以選 Parabola Type。在 Input/Edit 的部分，您可以輸入高度和長度。您也可以選材料和斷面。在 Insert 的部分，您可以輸入要在哪裡建立 Arch 結構。

