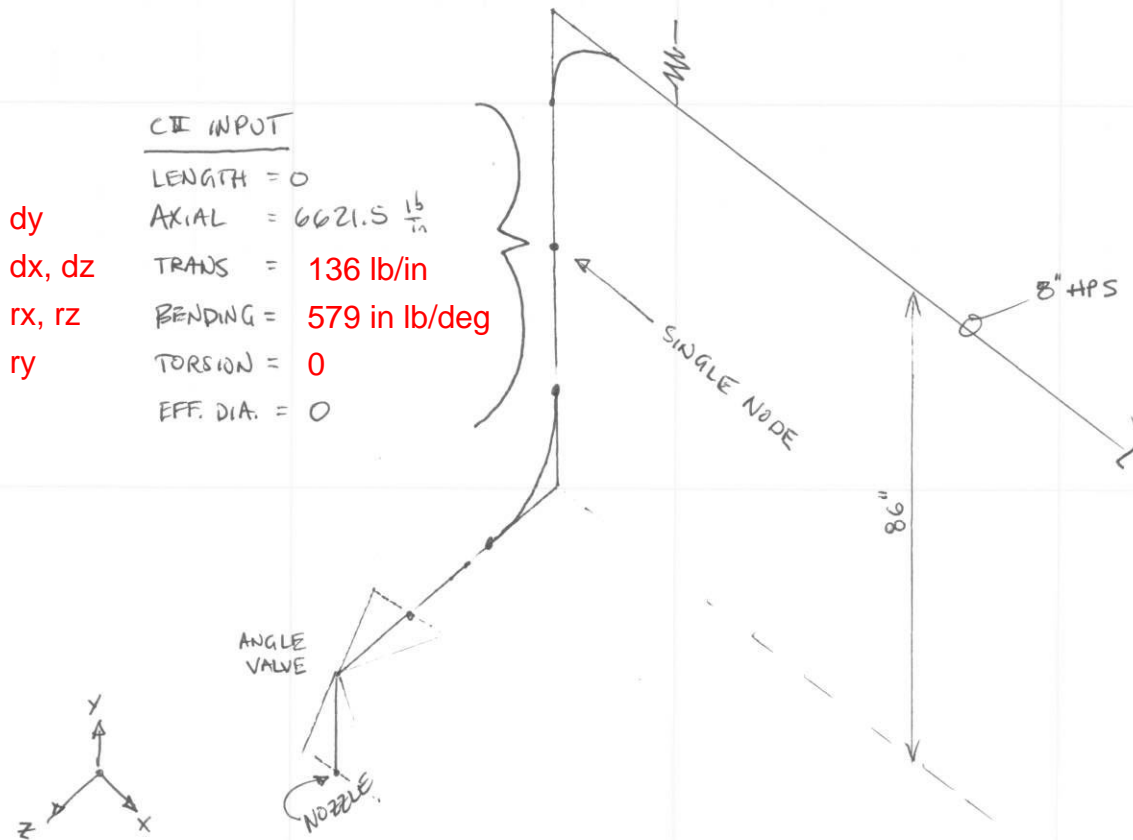


MEMO	to:	subject:
TELEPHONE CONVERSATION	with:	
SITE VISIT NOTES	location:	present:
MEETING NOTES	purpose:	



CIE INPUT

LENGTH = 0  
 AXIAL = 6621.5  $\frac{\text{lb}}{\text{in}}$   
 TRANS = 136 lb/in  
 BENDING = 579 in lb/deg  
 TORSION = 0  
 EFF. DIA. = 0

PRESSURE BALANCED ELBOW

MODELING DIAGRAM

LJS  
2.11.14

**Manufacturer Data:**

Pressure balanced expansion joint spring rates:

Axial spring rate: 6612.5 lbs/in.

Lateral spring rate: 136 lbs/in

Angular spring rate: 579 in-lbs/Deg.

Pressure rating: 300Psig @ 425°F

Movement rating: 0.5" axial, 3" lateral, 1° angular.

Bellows material: INCONEL 600