

BASIC SOIL PROPERTY DATA:

SOIL MODEL NUMBER = 2
 CAESAR II BASIC MODEL
 FRICTION COEFFICIENT (Optional if Su entered) 0.000
 SOIL DENSITY (Required) (lb./cu.in.) 0.058
 BURIED DEPTH TO TOP OF PIPE (in.) 72.000
 FRICT. ANGLE (Sand=27-45;Silt=26-35;Clay=0) (deg) 22.500
 UNDRAINED SHEAR STRENGTH (Clay) Su .(lb./sq.in.) 29.170
 OVERBURDEN COMPACTION MULTIPLIER (>1)..... 8.000
 YIELD DISPLACEMENT FACTOR (>0)..... 0.015
 THERMAL EXPANSION COEFFICIENT xE-6 (L/L/deg F) 6.230
 TEMPERATURE CHANGE, Install-Operating (deg F) 10.000

CAESAR BURIED PIPE K= Stiffness per Pipe Length lb./in./in.
 ELEMENT DESCRIPTIONS P= Ultimate Load per Pipe Length lb./in.

FROM NODE	TO NODE	SOIL MODEL NO.	FROM MESH TYPE	TO MESH TYPE	USER DEFINED (LATERAL) Ktr/Ptr	USER DEFINED (AXIAL) Kax/Pax	USER DEFINED (UPWARD) Kup/Pup	USER DEFINED (DOWNWARD) Kdn/Pdn
10	20	0	0	0	0	0	0	0
					0	0	0	0
20	30	0	0	0	0	0	0	0
					0	0	0	0
210	220	0	0	0	0	0	0	0
					0	0	0	0
220	230	1	1	0	0	0	0	0
					0	0	0	0
230	240	1	0	0	0	0	0	0
					0	0	0	0
240	250	1	0	0	0	0	0	0
					0	0	0	0
850	870	1	0	0	0	0	0	0
					0	0	0	0
870	880	1	0	0	0	0	0	0
					0	0	0	0
870	890	1	0	1	0	0	0	0
					0	0	0	0
380	900	0	0	0	0	0	0	0
					0	0	0	0

**** ELEMENT 210 220

NOT BURIED...

**** ELEMENT 220 230

Buried Soil Model No. 1
 User entered stiffness for soil model

ERROR -----

Kup or Kdown, and either Pup or Pdown must be specified.
 Check all stiffness values for nonzero entries.