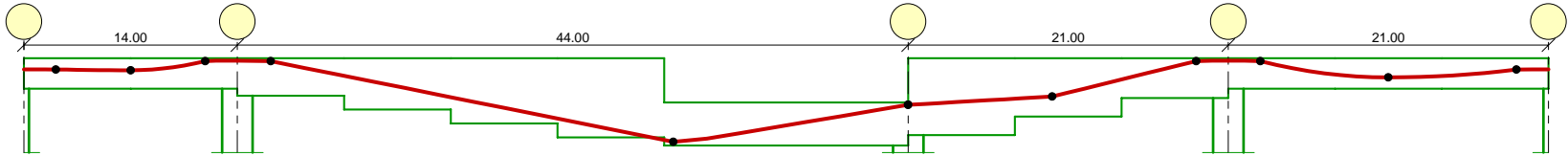


**ADAPT - STRUCTURAL CONCRETE SOFTWARE SYSTEM**

ADAPT-PT Version 7.10 Date: 8/1/2005 Time: 10:47:29 AM File: non\_prismatic\_10

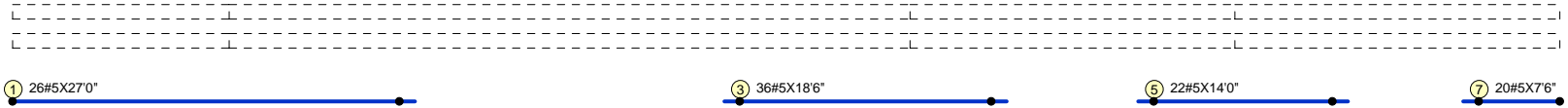
**1 - PROJECT TITLE NON-PRISMATIC TWO-WAY SLAB FOR ARTO**  
1.1 DESIGN STRIP

**2 - MEMBER ELEVATION**  
[ft]



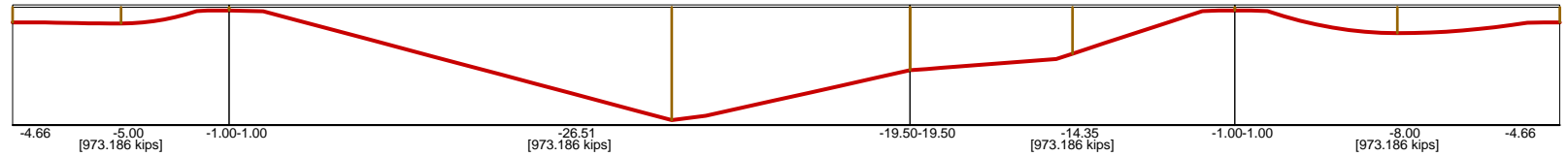
**3 - TOP REBAR**

- 3.1 User selected
- 3.2 User selected
- 3.3 ADAPT selected
- 3.4 ADAPT selected



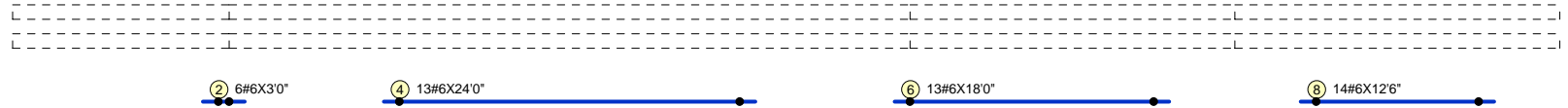
**4 - TENDON PROFILE**  
4.2 Datum Line

- 4.3 CGS Distance [in]
- 4.5 Force



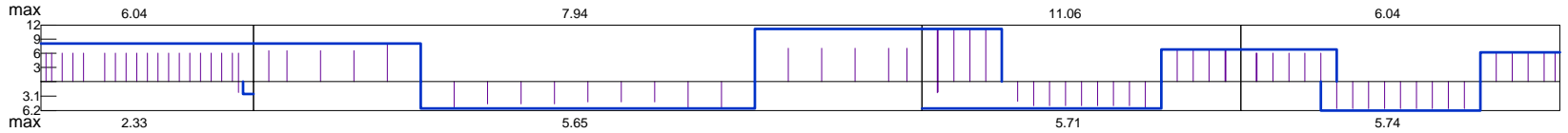
**5 - BOTTOM REBAR**

- 5.1 User selected
- 5.2 User selected
- 5.3 ADAPT selected
- 5.4 ADAPT selected



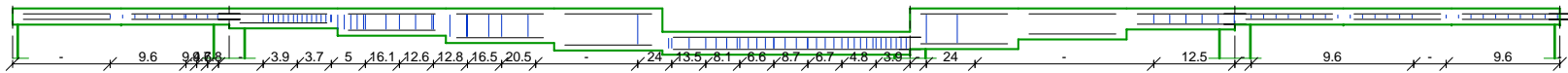
**6 - REQUIRED & PROVIDED BARS**

- 6.1 Top Bars
- [in<sup>2</sup>]
- required
- provided



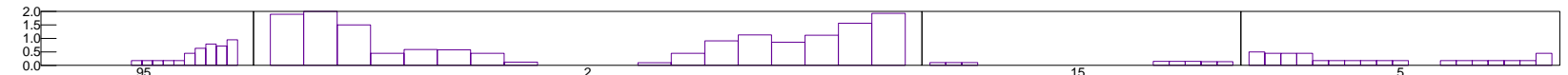
**7 - SHEAR STIRRUPS**

- 7.1 ADAPT selected.
- Bar Size #5 Legs: 2
- Spacing [in]



- 7.2 User-selected
- Bar Size #
- Legs:

- 7.3 Required area
- [in<sup>2</sup>/ft]



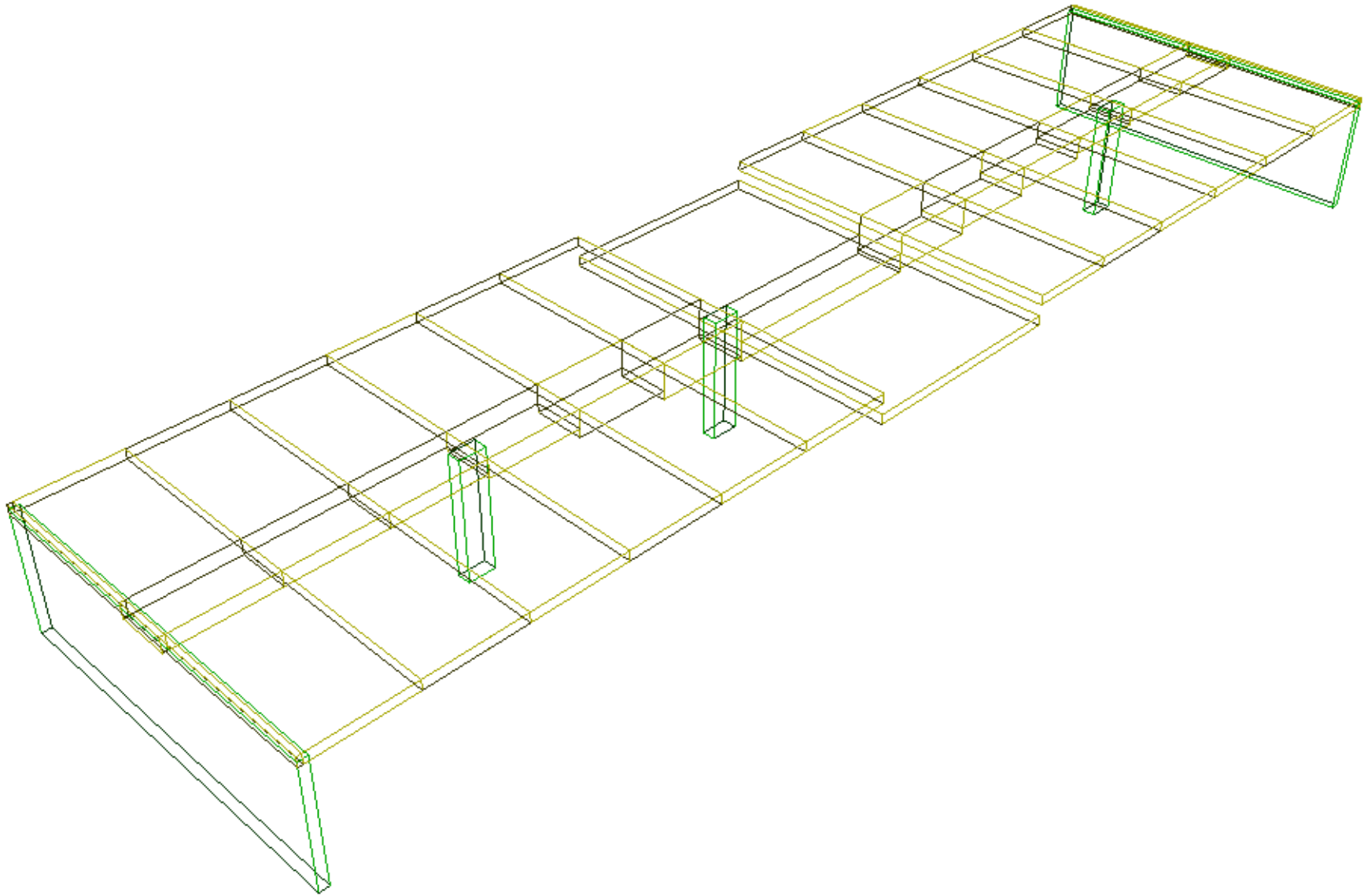
**8 - LEGEND**

- ◀ Stressing End
- ⊥ Dead End

**9 - DESIGN PARAMETERS**

- 9.1 Code: ACI-02  $f'_c = 4$  ksi  $f_y = 60$  ksi (longitudinal)  $f_y = 60$  ksi (shear)  $f_{pu} = 270$  ksi
- 9.2 Rebar Cover: Top = 1 in Bottom = 1 in Rebar Table: ASTM - US Customary bars (Non-redistributed Moments)
- 9.3 Stressing:  $f_{pi} = .8 f_{pu}$
- 9.4 Strand Area = .153 in<sup>2</sup>

**10 - DESIGNER'S NOTES**



08/13/05  
17:03:50

Project title: NON-PRISMATIC TWO-WAY SLAB FOR ARTO

C:\\_FLO\ADAPTMARKETING\CASE\_STUDIES\NP\_PT\_2\NON\_PRISMATIC\_10.ADB - Date: 8/13/2005