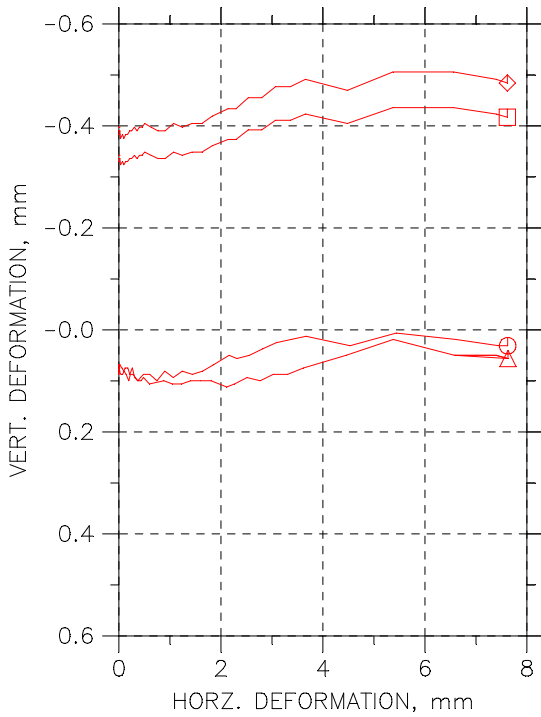
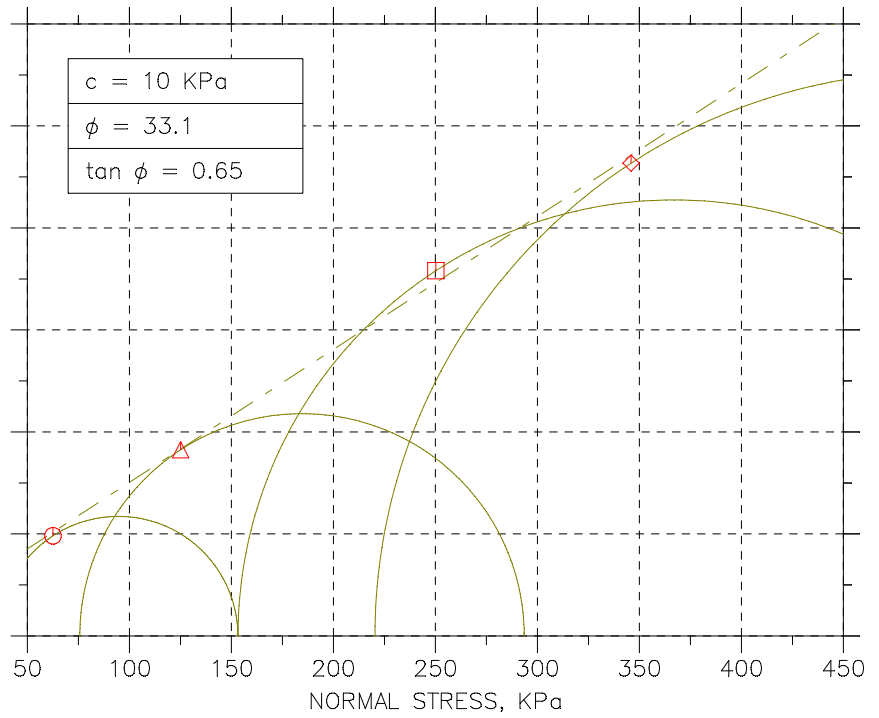
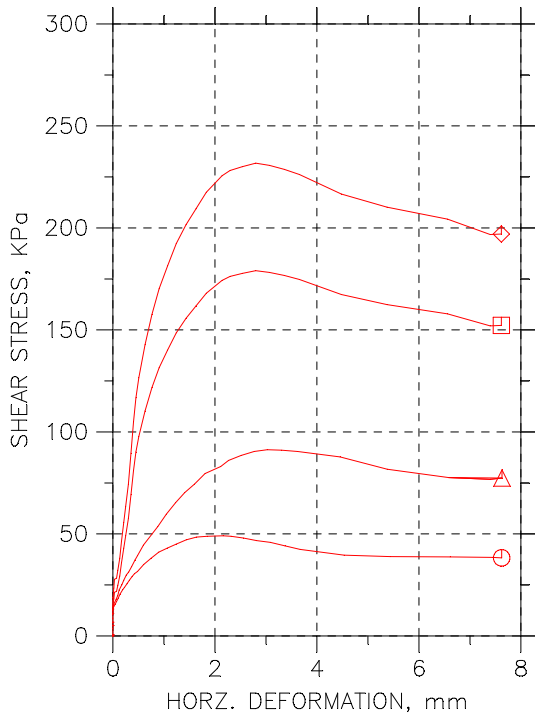


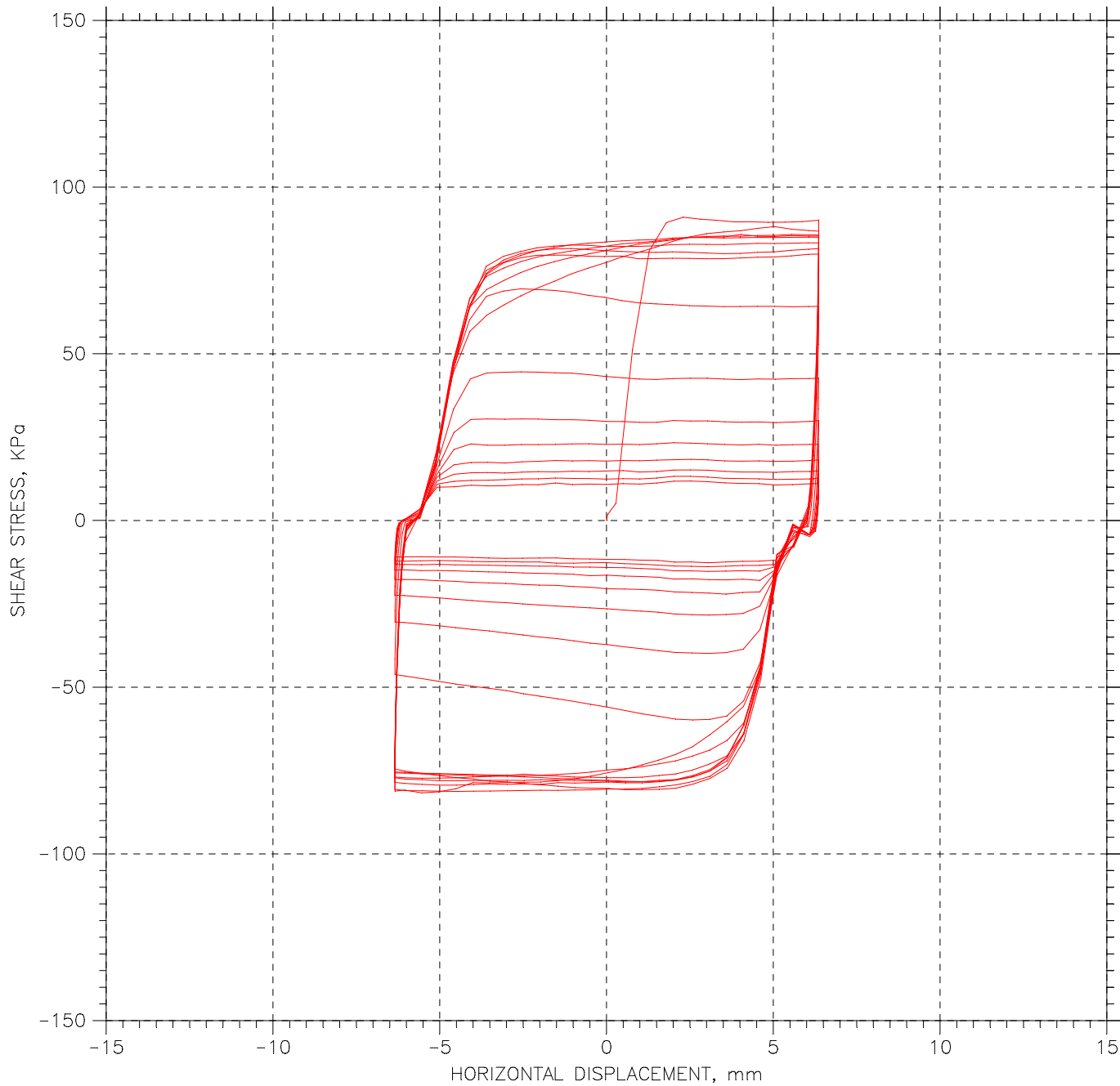
# DIRECT SHEAR TEST REPORT



Symbol	⊖	△	□	◇
Test No.	DS1	DS2	DS3	DS4
Sample No.	S-1	S-1	S-1	S-1
Shape	Circular	Circular	Circular	Circular
Initial	Dimension, mm	63.246	63.246	63.246
	Area, mm <sup>2</sup>	3141.6	3141.6	3141.6
	Height, mm	25.45	25.4	25.4
	Water Content, %	28.25	26.95	27.60
	Dry Density, N/m <sup>3</sup>	14398	14574	14500
	Saturation, %	88.99	87.16	88.27
	Void Ratio	0.87301	0.85039	0.85985
Consol. Height, mm	25.4	25.344	25.749	
Consol. Void Ratio	0.86935	0.84631	0.88538	
Final	Water Content, %	27.78	26.37	27.51
	Dry Density, N/m <sup>3</sup>	14416	14607	14266
	Saturation, %	87.73	85.70	84.97
	Void Ratio	0.87072	0.84631	0.8904
Normal Stress, KPa	62.556	125.11	250.23	
Max. Shear Stress, KPa	49.081	91.243	179.03	
Ult. Shear Stress, KPa	38.27	77.405	152.22	
Time to Failure, min	14.946	21.162	19.365	
Disp. Rate, mm/min	0.1524	0.1524	0.1524	
Specific Gravity	2.75	2.75	2.75	
Liquid Limit	0	0	0	
Plastic Limit	0	0	0	
Plasticity Index	0	0	0	

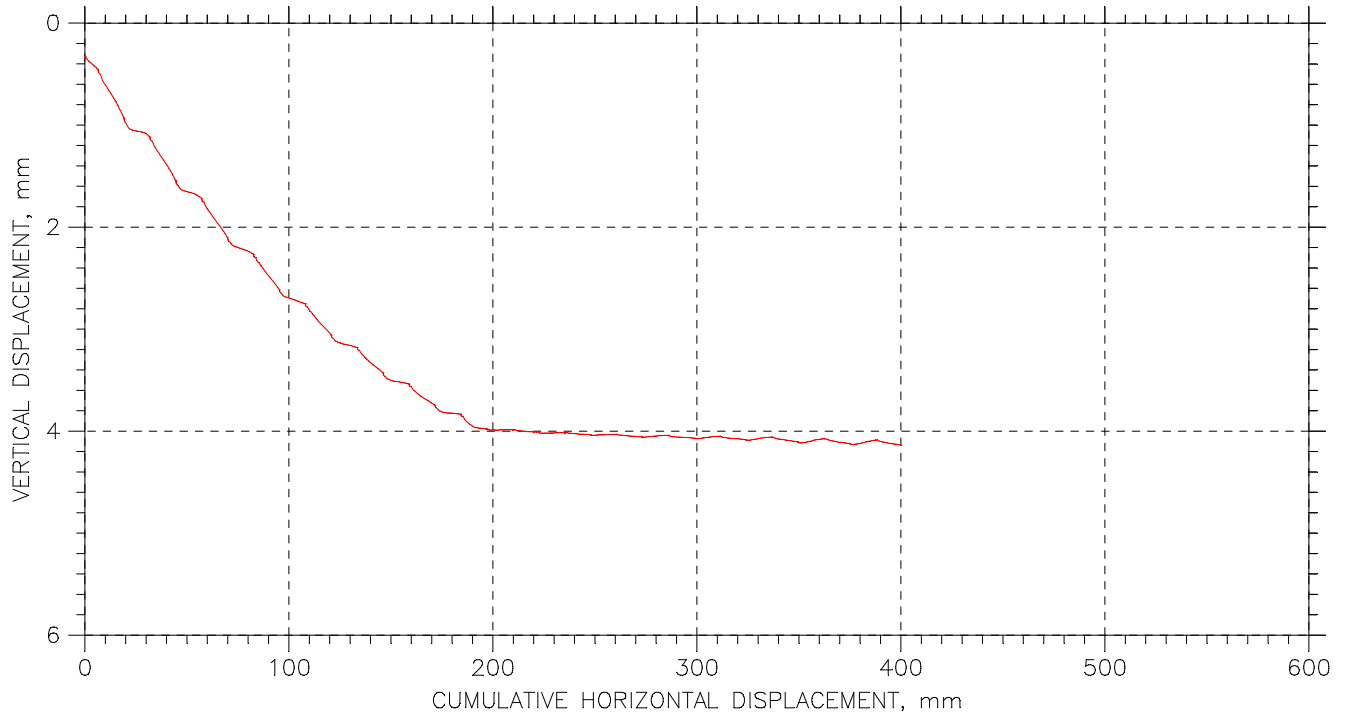
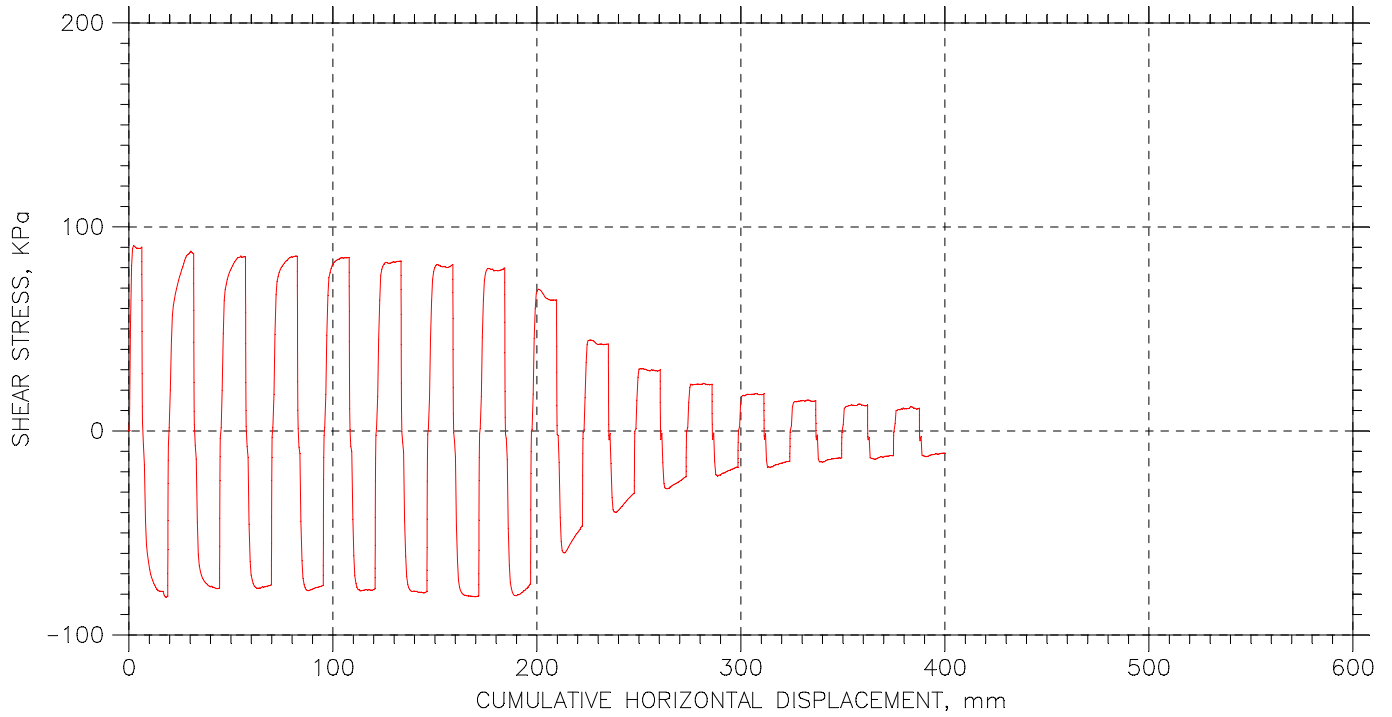
Project: ABC Building  
 Location: Boxborough, MA  
 Project No.: GTX-0000  
 Boring No.: B-101  
 Sample Type: Tube  
 Description: Moist, mottled yellow and gray silty sand  
 Remarks: COE EM1110

# RESIDUAL SHEAR TEST



Project: Foundation	Location: Sacramento, CA	Project No.: 00-0000-00A
Boring No.: PT-1	Tested By: rh	Checked By: rgk
Sample No.: S-1	Test Date: 08/16/2000	Depth: 0-2 feet
Test No.: RS1	Sample Type: Compacted	Elevation: na
Description: Moist, brown clay		
Remarks: Residual Shear		
File: D:\helpbackup\shear\rsclay.dat		

# RESIDUAL SHEAR TEST



Project: Foundation	Location: Sacramento, CA	Project No.: 00-0000-00A
Boring No.: PT-1	Tested By: rh	Checked By: rgk
Sample No.: S-1	Test Date: 08/16/2000	Depth: 0-2 feet
Test No.: RS1	Sample Type: Compacted	Elevation: na
Description: Moist, brown clay		
Remarks: Residual Shear		
File: D:\helpbackup\shear\rsclay.dat		