```
· VOLUME BOUNDS for each SEGMENT:
-> Front: [25, 15, 13,20, 16, 0,0,0,0,0, 0,0,0,0)[x] = 200
```

$$[o_{(5)}, 500, 1500, 2000, 600, 400, o_{(5)}][X] \leq 2[500, 1500, 2100, 600, 400, o, 0, 0, 0, 0, 0, 500, 1500, 2100, 600, 400][X]$$

$$= \left(-\frac{1000_{1}-3000_{1}-47200_{1}-100_{1}-800_{1}}{500_{1}-500_{1}},\frac{500_{1}}{500_{1}},\frac{500_{1}}{500_{1}},\frac{600_{1}}{600_{1}},\frac{1000_{1}-3000_{1}}{1000_{1}}-\frac{1000_{1}-3000_{1}}{1000_{1}}-\frac{1000_{1}-3000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{1}}-\frac{1000_{1}}{1000_{$$