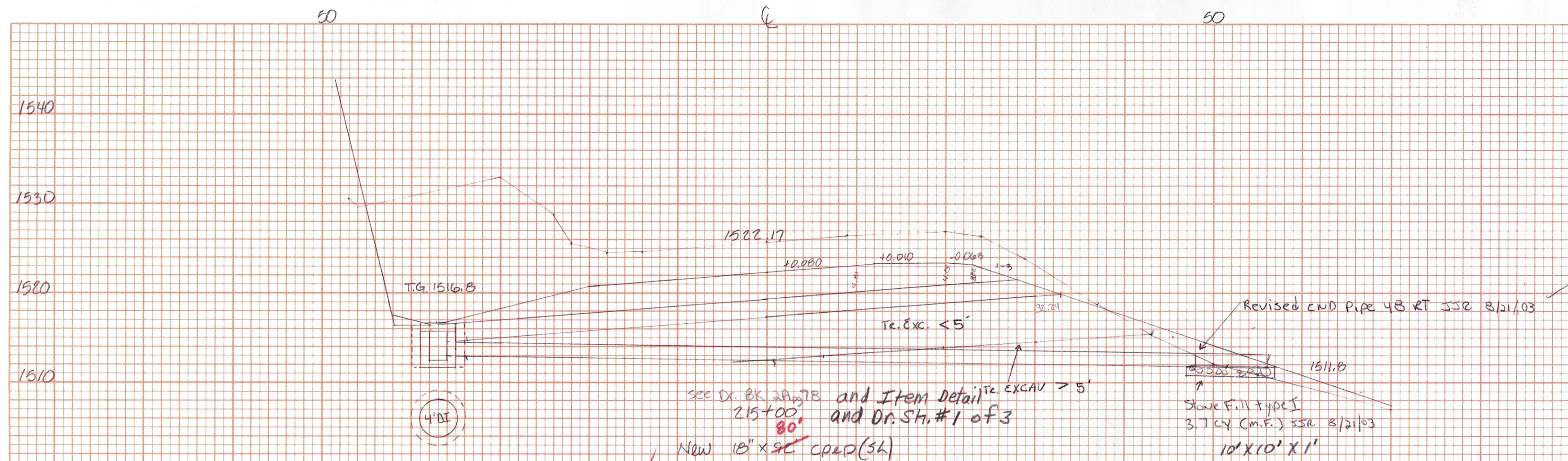


FINAL SURVEY
 BY: _____ DATE: _____
 SURVEYED: _____
 NOTE BOOK: _____
 TEMPLATE: _____
 AREAS CHECKED: _____

ORIGINAL SURVEY
 BY: _____ DATE: _____
 SURVEYED: _____
 NOTE BOOK: _____
 TEMPLATE: _____
 AREAS CHECKED: _____

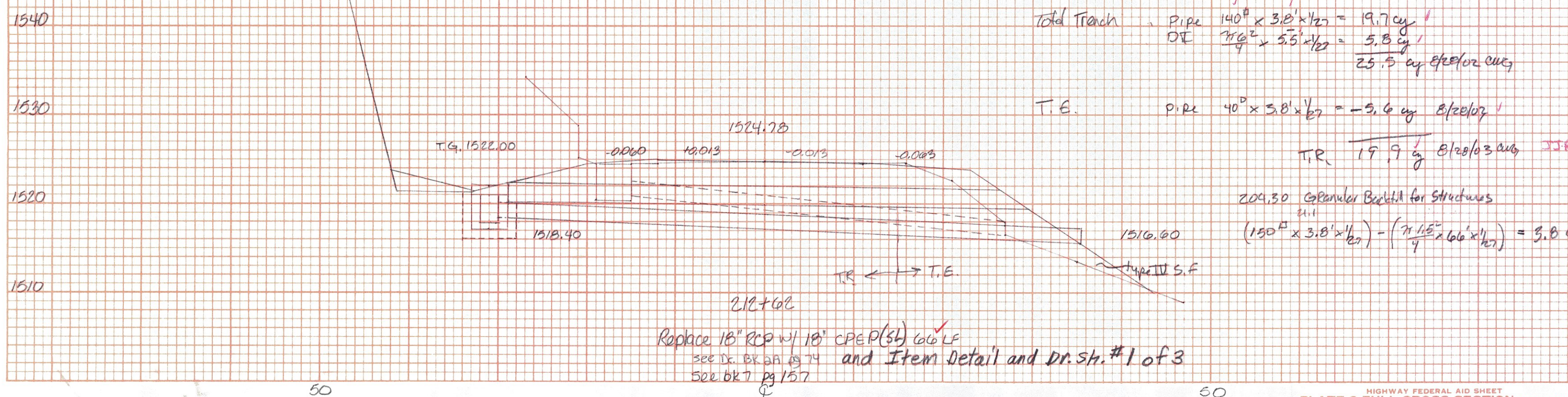


D.I. Trench Excavation $\frac{\pi \times 4^2}{4} \times 5 \times \frac{1}{27} = 5.2 \text{ cy}$ SSR BK 7 Pg 158
 All Trench Rock - TR. ROCK + 5.2 cy SSR 8/21/03
 TR. EARTH = 0.0 cy

Item 204.30 Granular Bed for Structures
 $64.7 \text{ cy} - 80 \times \frac{\pi \times 4^2}{4} \times \frac{1}{27} = 59.5 \text{ cy}$ @ 10/3 0.47
 (Volume of excavation) Volume of pipe SSR 8/21/03

Pipe Trench Excavation $> 5' = 100 \text{ ft} \times 3.8' \times \frac{1}{27} = 21.1 \text{ cy}$
 Pipe Trench Excavation $< 5' = 310 \text{ ft} \times 3.8' \times \frac{1}{27} = 43.6 \text{ cy}$
 All Trench Rock TR. ROCK 64.7 cy SSR 8/21/03
 TR. EARTH = 0.0 cy

Pipe 64.7
 DE 5.2
 69.9 cy @ 10/3 0.47
 SSR 8/21/03



Total Trench Pipe $140 \text{ ft} \times 3.8' \times \frac{1}{27} = 19.7 \text{ cy}$
 DE $70 \text{ ft} \times 5.5' \times \frac{1}{27} = 3.8 \text{ cy}$
 23.5 cy @ 10/3 0.47

T.E. Pipe $40 \text{ ft} \times 3.8' \times \frac{1}{27} = 2.6 \text{ cy}$ @ 10/3 0.47
 TR. 19.7 cy @ 10/3 0.47 SSR 8/21/03

204.30 Granular Bed for Structures
 $(150 \text{ ft} \times 3.8' \times \frac{1}{27}) - (70 \text{ ft} \times 5.5' \times \frac{1}{27}) = 3.8 \text{ cy}$ SSR 8/21/03

218+00
 Replace 18' RCP w/ 18' CPED (SL) 66 LF
 SEE DR. BK. 2A 1974
 SEE BK 7 Pg 157
 and Item Detail and Dr. SH. #1 of 3

Searsburg-Wilmington
 Drainage Sheet 12 of 27
 212+02 Replace 18"
 215+00 New 18"
 SEARSBURG - WILMINGTON
 DR-10-1 (18)