



## GENL. DATA

|  |                      |   |                                  |
|--|----------------------|---|----------------------------------|
| 1. Cylinders, dia. x stroke                          | 22" x 28"            | 29. Heating surface, tubes                    | sq.ft. 2430                      |
| 2. Valve gear  | Stephenson           | 30. " " firebox                               | " " 174                          |
| 3. Valves, size & kind                               | D-Slide              | 31. " " total                                 | " " 2604                         |
| 4. " maximum travel                                  | 6"                   | 32. " " superheater                           | " " None                         |
| 5. " steam lap                                       | 7/8"                 | 33. " " equivalent total                      | " " None                         |
| 6. " exhaust clearance                               | Line                 | 34. Grates, length x width                    | 125 5/8" x 42 1/2"               |
| 7. " lead in full gear                               | 1/8"                 | 35. " area                                    | sq.ft. 37.3                      |
| 8. " out off in full gear                            | 90.4%                | 36. Brick arch, type                          | None                             |
| 9. Rated tractive power                              | 43,773 lbs.          | 37. Arch tubes O.D., Ga., Fin. Lgth. over Bd. | None                             |
| 10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power) | 3.60                 | 38. Stoker, type                              | None                             |
| 11. Sharpest curve                                   | 22 Deg.              | AIR BRAKE                                     |                                  |
| WEIGHT   | Light Wk. Order      | 39. Schedule                                  | W.A.B. A1, WN 2, 1612, Type 47-B |
| 12. Leading truck                                    | 16,300               | 40. Brake Power                               | 81% 127,600 lbs.                 |
| 13. Driver, first                                    | 31,000               | 41. Pumps                                     | 2 - 9 1/2"                       |
| 14. " second   | 39,600               | AXLES   |                                  |
| 15. " third  | 45,900               | 42. Leading truck                             | Journal Dia. x Lgth. 6" x 12"    |
| 16. " fourth   | 41,100               | 43. Driving, main                             | " " " 9" x 12"                   |
| 17. " total  | 157,600              | 44. " other than main                         | " " " 9" x 12"                   |
| 18. Trailing truck                                   | None                 | 45. Trailing truck                            | None                             |
| 19. Total engine                                     | 150,700 173,900      | TENDER  |                                  |
| 20. Tender, front truck                              | 60,000               | 46. Frame                                     | Wood                             |
| 21. " back   | 60,000               | 47. Draft gear                                | Swivel Coupler                   |
| 22. " total  | 48,000 120,000       | 48. Brake schedule                            | W.A.B. FL 1012, Type "L"         |
| 23. Total engine & tender                            | 198,700 293,900      | 49. Brake power                               | 104% 49,760 lbs.                 |
| BOILER   |                      | 50. Truck, type                               | Arch bar                         |
| 24. Working pressure, maximum                        | 190 lbs.             | 51. Axles                                     | A.R.A. 5" x 9"                   |
| 25. Firebox, length x width                          | 125 5/8" x 42 1/2"   | 52. Wheels                                    | Steel 33"                        |
| 26. Tubes, No., O.D., & Gauge                        | 300-2 1/4"-11-B.W.G. | 53. Maximum width over cylinders              | 9' 5 1/2"                        |
| 27. Flues, No., O.D., & Gauge                        | None                 | 54. " " " running boards, at cab              | 10' 3"                           |
| 28. Tubes & Flues, length (in to in of tube sheets)  | 165"                 |   |                                  |