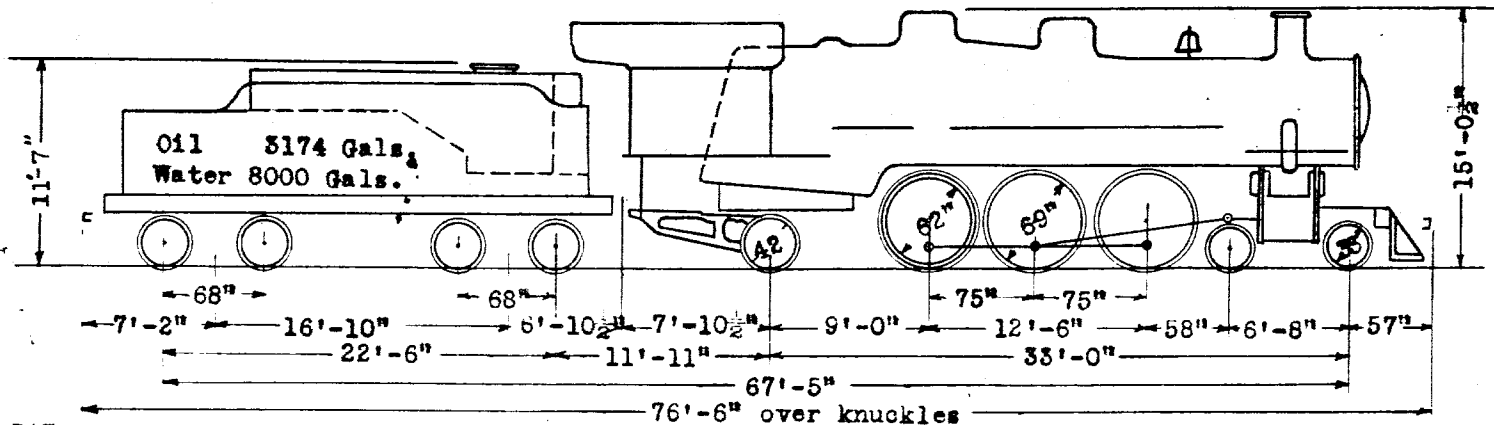


Built B.L.W. July 1912 - August 1912
 Builder's Nos. 38075, 38076, 38078, 38116

Engines No. ~~301, 302~~
 Class K2 204, ~~205~~



GENL. DATA

| | | | |
|---|----------------------|------------------------------------|-----------------------------------|
| 1. Cylinders, dia. x stroke | 24" x 28" | 29. Heating surface, tubes & flues | sq.ft. 3254 |
| 2. Valve gear | Walschaert | 30. " " firebox & syphons | " " 307 |
| 3. Valves, size & kind | 14" Piston | 31. " " total | " " 3561 |
| 4. " maximum travel | 6" | 32. " " superheater | " " 755 |
| 5. " steam lap | 1-1/16" | 33. " " equivalent total | " " 4693 |
| 6. " exhaust clearance | Line | 34. Firebox - length x width | 111" x 80 1/2" |
| 7. " lead in full gear | 3/16" | 35. Grate Area | sq.ft. 61.8 |
| 8. " cut-off in full gear | 85.3% | 36. Brick arch, type | None |
| 9. Rated tractive power | 39,736 lbs. | 37. Arch tubes | None |
| 10. Ratio of Adhesion (Wt.on Drivers ÷ Trac.Power) | 4.04 | 38. Stoker, type | None |
| 11. Sharpest curve | 22 Deg. | AIR BRAKE | |
| WEIGHT | | 39. Schedule | W.A.B. 6-ET, WMS, 1410, Type 21-B |
| 12. Leading truck | Light | 40. Brake power | 56% 90,000 lbs. |
| 13. Driver, first | Wk.Order | 41. Pumps | 2 - 8 1/2" |
| 14. " second | 43,900 | AXLES | |
| 15. " third | 52,800 | 42. Leading Truck | Journal Dia. x Lgth. 6" x 10" |
| 16. " fourth | 54,900 | 43. Driving, main | " " " 10 1/2" x 12" |
| 17. Total | 52,800 | 44. " other than main | " " " 10" x 12" |
| 18. Trailing truck | None | 45. Trailing truck | " " " 8" x 14" |
| 19. Total engine | 160,500 | TENDER | |
| 20. Tender, front truck | 49,900 | 46. Frame | Structural |
| 21. " back | 82,650 | 47. Draft gear | Farlow 3-key |
| 22. " total | 73,200 | 48. Brake schedule | W.A.B. 6-ET, 1412, Type "L" |
| 23. Total engine & tender | 295,600 | 49. Brake power | 85% 53,900 lbs. |
| BOILER | | 50. Truck, type | Andrews |
| 24. Working pressure, maximum | 200 lbs. | 51. Axles | A.A.R. 5 1/2" x 10" |
| 25. Firebox, length x width | 111" x 80 1/2" | 52. Wheels | Steel 33" |
| 26. Tubes, No., O.D., & Gauge | 200-2 1/2"-11-B.W.G. | 53. Maximum width over cylinders | 10' 5" |
| 27. Flues, No., O.D., & Gauge | 32-5 1/2"-9-B.W.G. | 54. " " " running boards, at cab | 10' 5" |
| 28. Tubes & Flues, length (In to in of tube sheets) | 239" | | |