

# LEGEND

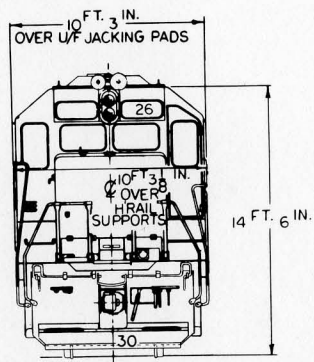
1. ENGINE 12-645E3
2. GENERATOR-ALTERNATOR AR10A6-D14
3. TRACTION MOTOR - GENERATOR BLOWER
4. AUXILIARY GENERATOR
5. ELECTRICAL CONTROL CABINET
6. AIR COMPRESSOR - WBO
7. ENGINE EXHAUST STACK
8. HANDBRAKE
9. SAND BOX FILLER
10. LUBE OIL COOLER
11. ENGINE WATER TANK
12. 48 INCH COOLING FAN
13. RADIATOR
14. HORN
15. EXHAUST MANIFOLD
16. SAND BOX
17. FUEL FILLER
18. HEADLIGHT
19. BATTERIES
20. FUEL TANK (2600 GAL. SHOWN)
21. MAIN AIR RESERVOIRS
22. COOLING AIR INLET SHUTTERS
23. LUBE OIL FILTER
24. ENGINE AIR FILTER
25. INERTIAL AIR SEPARATOR
26. NUMBER BOX
27. TRACTION MOTOR AIR DUCT
28. BELL
- \*29. DYNAMIC BRAKE
30. PILOT
31. COUPLER
32. FUEL FILTER
33. TRUCK-4 WHEEL
34. ELECTRICAL CABINET AIR FILTER
35. ENGINE ROOM VENT

\*MODIFICATION

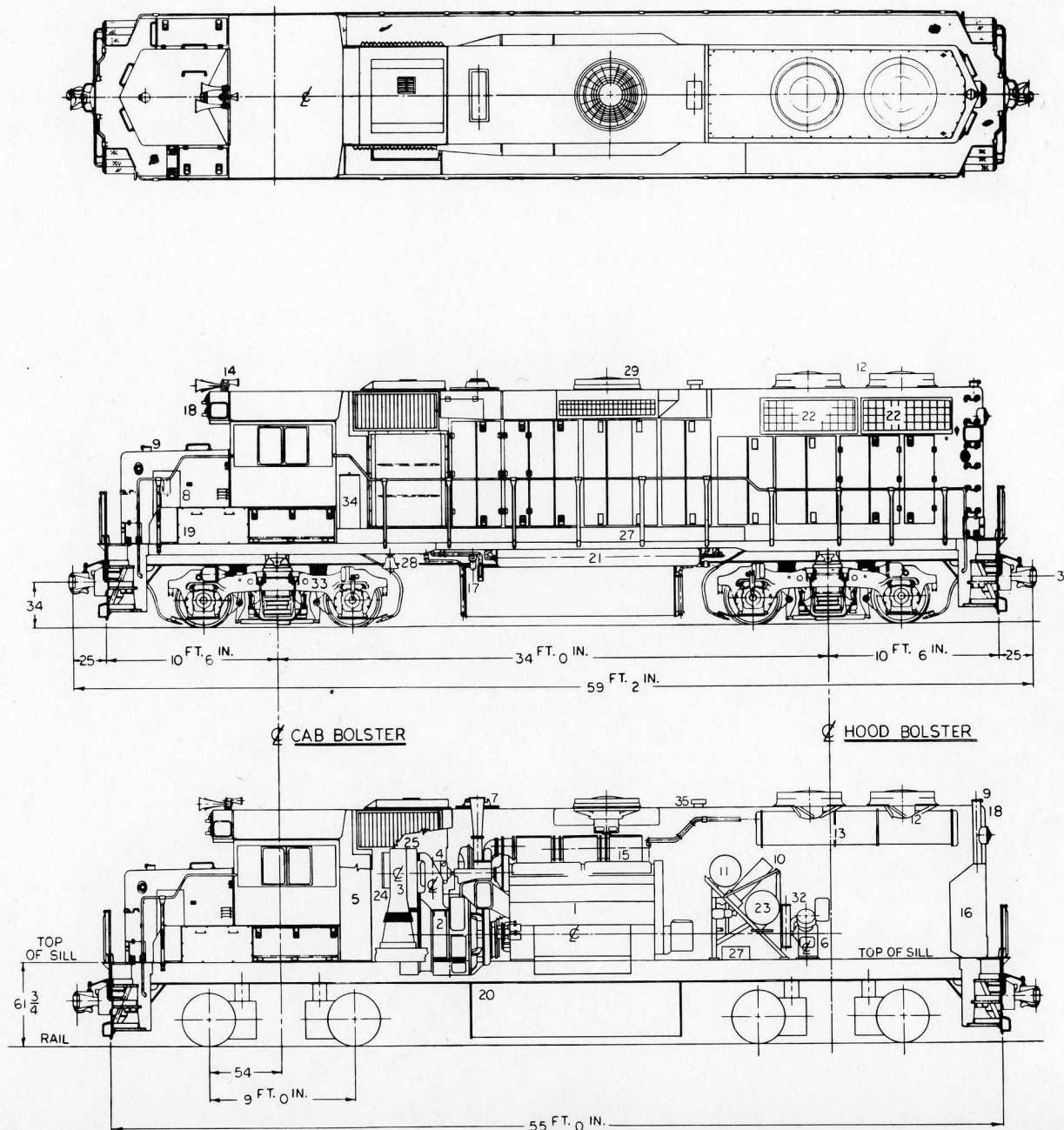
## NOTE:

LOCOMOTIVE HEIGHT TOLERANCE =  $\pm 1\frac{1}{2}$  IN.  
 LOCOMOTIVE WIDTH TOLERANCE =  $\pm \frac{1}{2}$  IN.  
 TRUCK LATERAL AT BOLSTERS =  $\pm 1\frac{1}{4}$  IN. NOM.

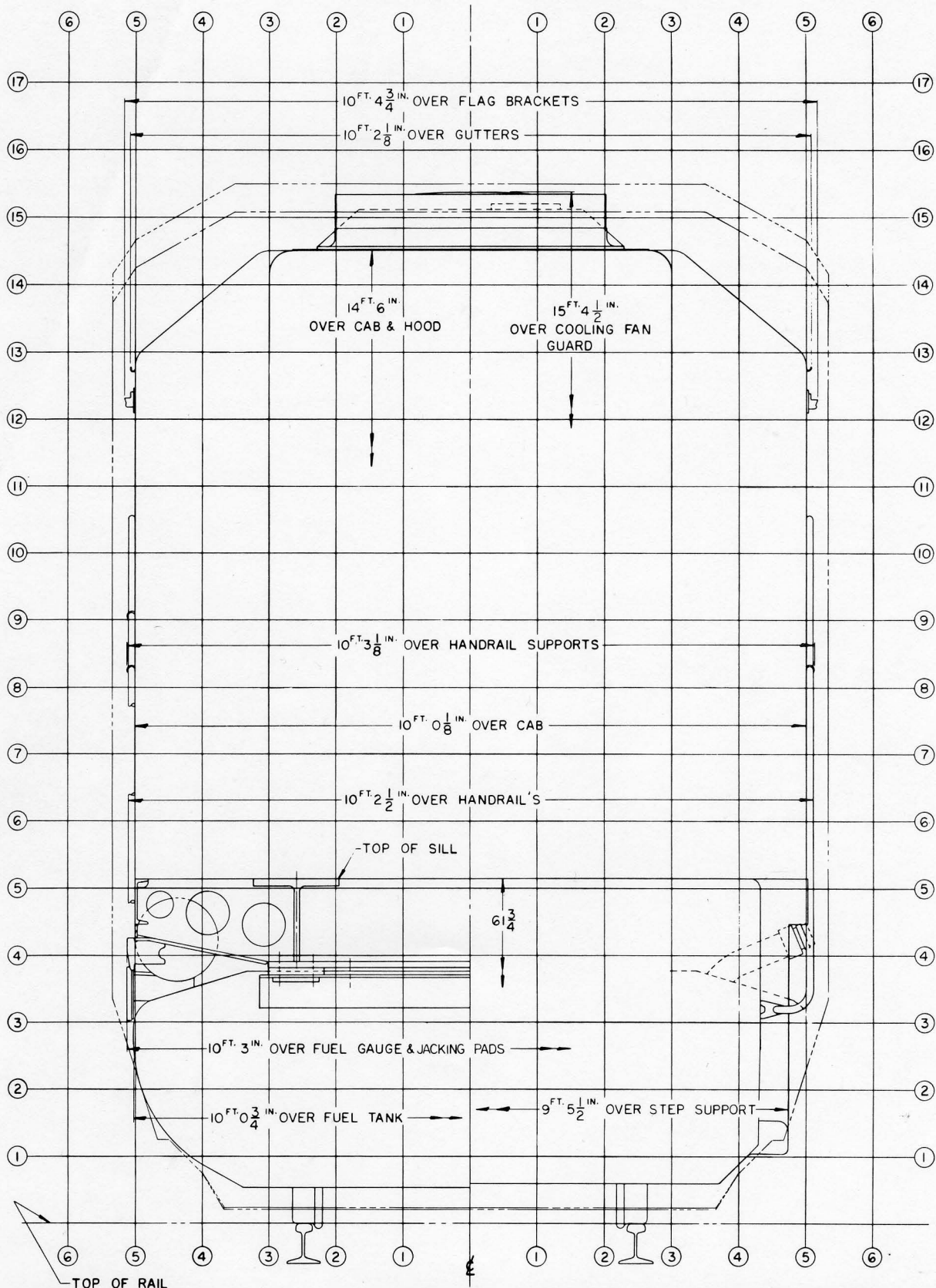
LOCOMOTIVE IS SHOWN INCLUDING HALF  
 VARIABLE SUPPLIES AND IN NEW CONDITION  
 STANDING STILL ON LEVEL AND TANGENT  
 TRACK.



## MODEL GP39-2 - 2300 HP GENERAL PURPOSE LOCOMOTIVE



# GP39-2 CLEARANCE DIAGRAM



## NOTE:

LOCO. HEIGHT TOLERANCE =  $\pm 1\frac{1}{2}$

LOCO. WIDTH TOLERANCE =  $\pm \frac{1}{2}$

TRUCK LATERAL AT BOLSTERS =  $2\frac{1}{4}$  NOM.

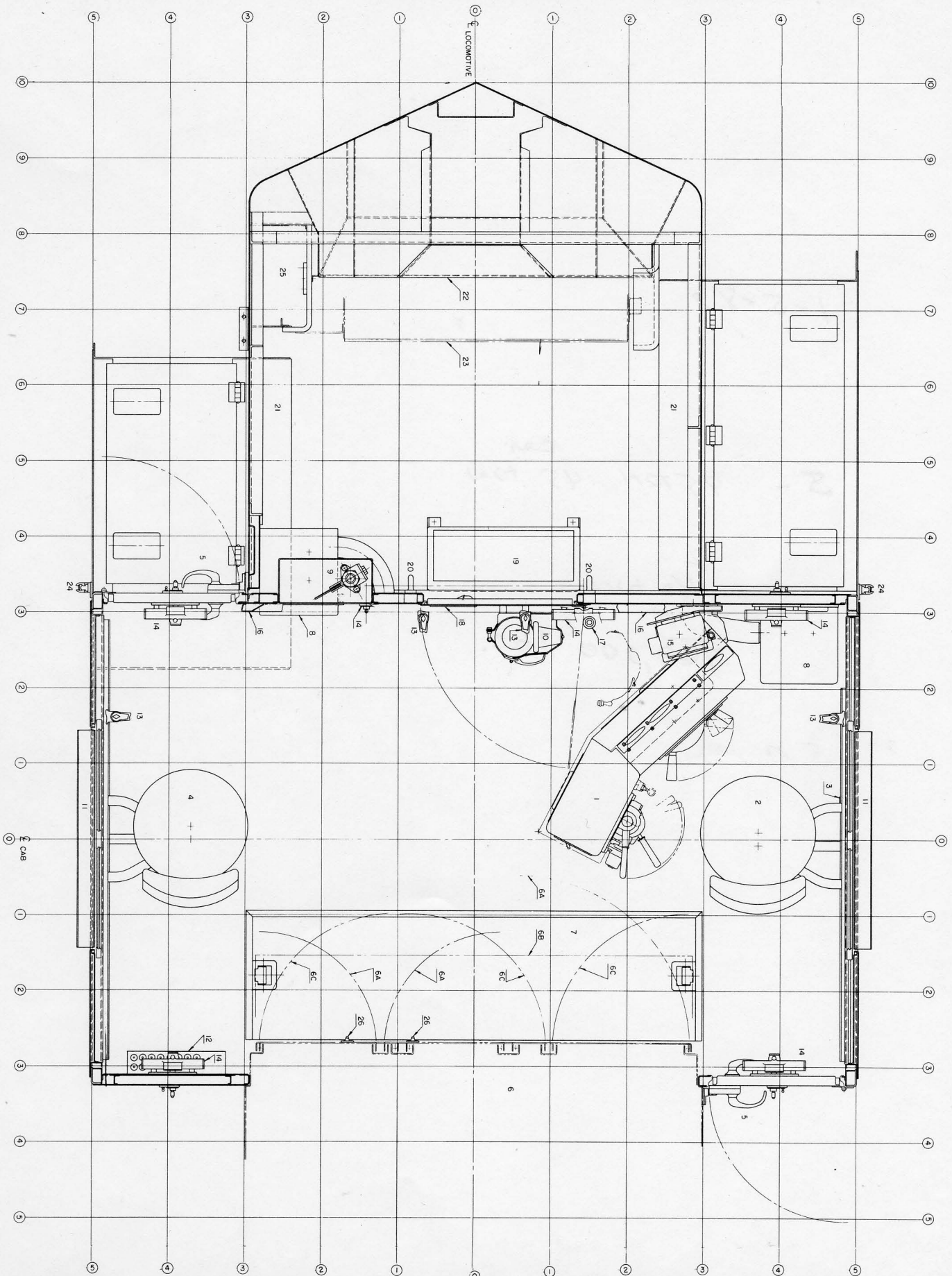
## CLEARANCE OUTLINE:

A.A.R. PLATE "B" DATED MARCH 1, 1968 -----

A.A.R. PLATE "C" DATED MARCH 1, 1968 -----

LOCOMOTIVE IS SHOWN INCLUDING HALF VARIABLE SUPPLIES AND IN NEW CONDITION, STANDING STILL ON LEVEL AND TANGENT TRACK. VERTICAL DIMENSIONS WILL BE  $1\frac{1}{2}$  IN. LESS WITH FULL WHEEL WEAR. VERTICAL DIMENSIONS CAN ALSO VARY  $\pm \frac{3}{8}$  DUE TO VARIABLE SUPPLIES.

# CAB ARRANGEMENT



- 1 Engineers Control Stand
- 2 Engineers Seat
- 3 Seat Stop-Permanent
- 4 Auxiliary Seat w/Adjustable Stop
- 5 Cab Door (2)
- 6 Electrical Cabinet

- 6A Upper Doors
- 6B Middle Door
- 6C Lower Doors
- 7 Trap Door
- 8 Cab Heater - Hot Water (2)
- 9 Emergency Brake Valve

- 10 Fire Extinguisher-20 Lb.
- 11 Arm Rest (2)
- 12 Fusee Rack
- 13 Sun Visor (4)
- 14 Window Wiper (6)
- 15 Speed Recorder

- 16 Defroster Duct
- 17 Door Stop
- 18 Short Hood Door
- 19 Step-Down to Short Hood
- 20 Grab Iron (2)
- 21 Battery Box (2)

- 22 Sand Box
- 23 Sand Box - Extra Capacity
- 24 Lamp Bracket
- 25 Hand Brake Recess
- 26 Coat Hook (2)