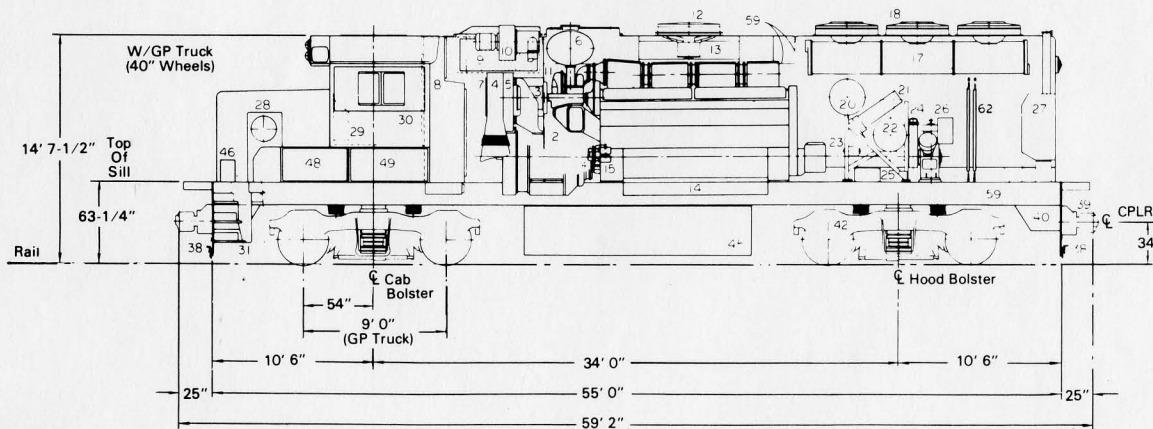
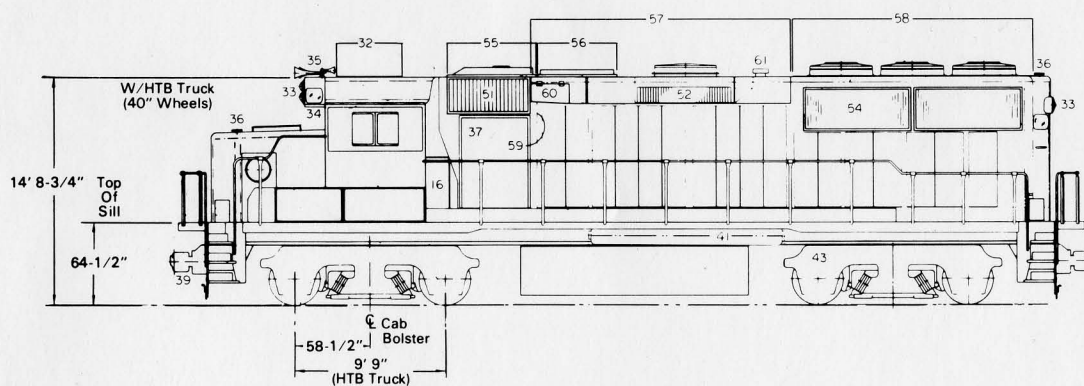
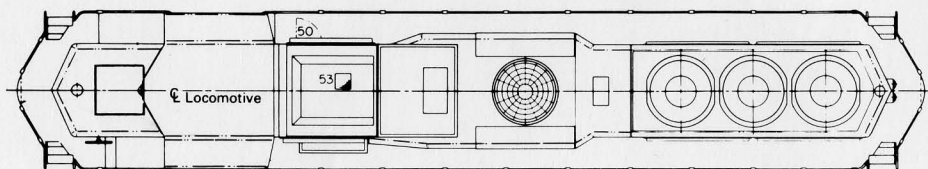


MODEL GP50 — 3600 HP GENERAL PURPOSE LOCOMOTIVE



- LEGEND**
- Engine 16-645F3B
 - Generator Alternator (AR15 D18)
 - Auxiliary Generator (18 KW-AC)
 - Traction Motor Blower
 - Generator/Alternator Blower
 - Engine Exhaust Silencer
 - Engine Air Filters
 - Electrical Control Cabinet
 - Inertial Filters
 - Dust Bin Blower
 - Engine Room Partition
 - Dynamic Brake Fan
 - Dynamic Brake Grids
 - Increased Capacity Oil Pan
 - Starting Motors
 - Electrical Control Cabinet Air Filter Box
 - Cooling Radiators
 - Cooling Fans
 - A.C. Cabinet
 - Engine Water Tank
 - Lube Oil Cooler
 - Lube Oil Filter
 - Fuel Pump
 - 30 In. Primary Air Filter
 - Traction Motor Air Duct
 - Air Compressor (WBO)
 - Sandbox
 - Handbrake
 - Electric Cab Heater
 - Clean Cab (Phase II)
 - Side Footboards (4 Corners)
 - Provision for Air Conditioning
 - Headlight
 - Number Boxes
 - Horn
 - Sand Filler
 - Traction Motor - Generator/Alternator Blower Blower Enclosure
 - Pilot W/Hose Storage Rack
 - Coupler
 - Draft Gear
 - Main Reservoirs
 - GP Truck (2 Axle - 40" Diameter Wheels)
 - HTB Truck (2 Axle - 40" Diameter Wheels)
 - Traction Motors
 - Fuel Tank
 - Sand Trap Access
 - Ladder for Roof Access
 - Battery Access
 - Air Brake Equipment Access
 - Inertial Filter Compartment Access Door
 - Inertial Filter Air Inlet
 - Dynamic Brake Air Inlet
 - Dust Bin Blower Air Discharge
 - Cooling Fan Inlet Shutters
 - Removable Filter Hatch
 - Removable Turbo Hatch
 - Removable Dynamic Brake Hatch
 - Removable Fan Hatch
 - Bolted Joint
 - Dynamic Brake Cable Connection Access
 - Engine Room Vent
 - Hood Lateral Stabilizers

* Modification

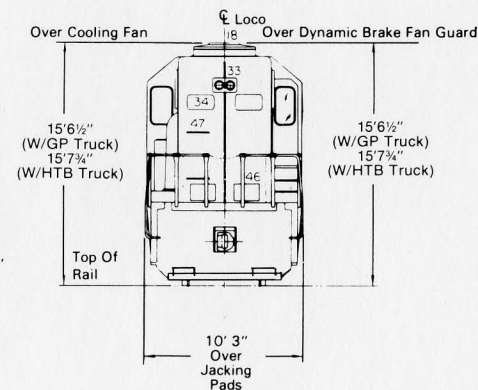
Note:

Locomotive Height Tolerance = $\pm 1-1/2$ In.

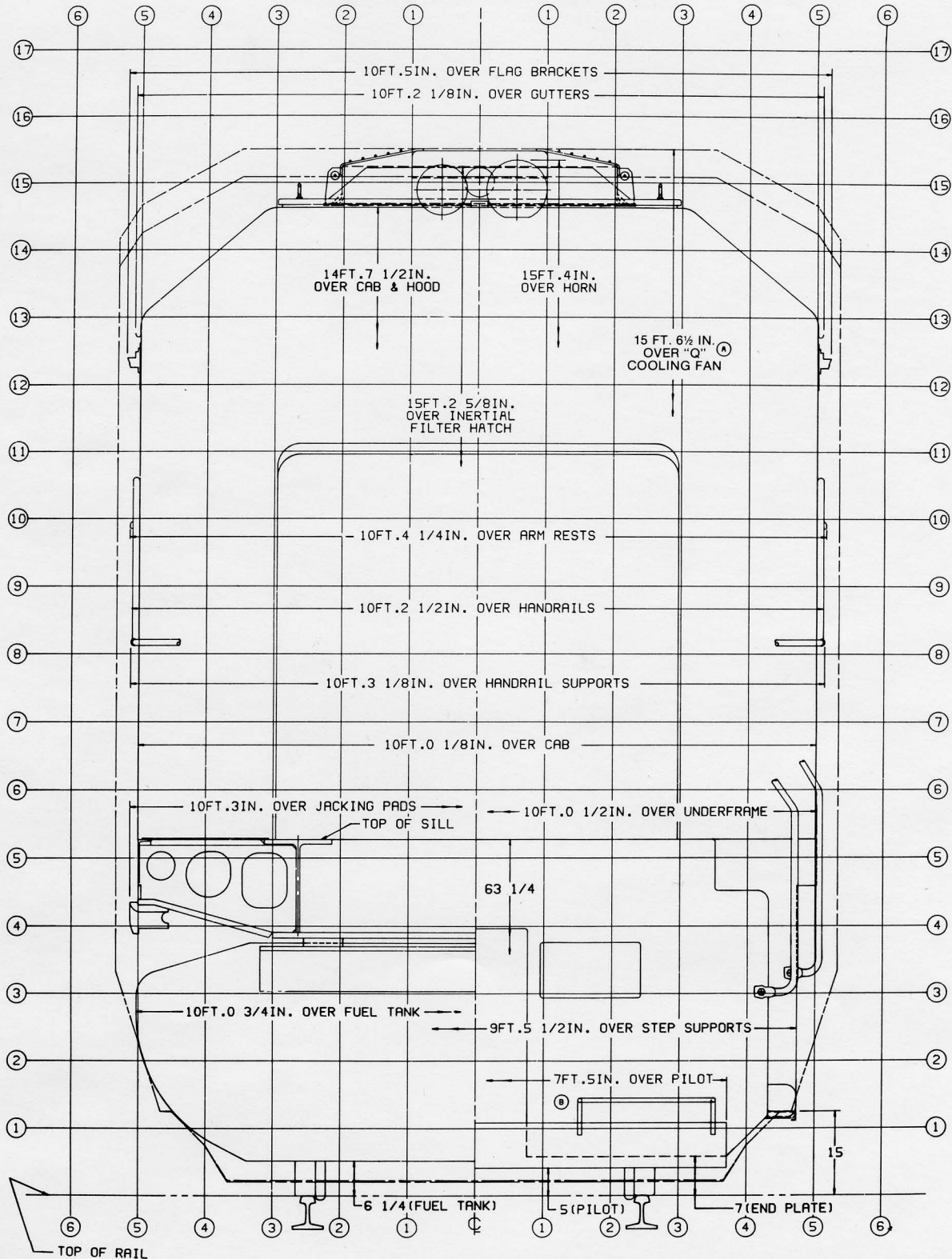
Locomotive Width Tolerance = $\pm 1/2$ In.

Truck Lateral at Bolsters = $\pm 1-3/4$ In. Nom.

Locomotive is shown including half variable supplies and in new condition standing still on level and tangent track.



GP50 CLEARANCE DIAGRAM



Note:

Locomotive Height Tolerance = $\pm 1\frac{1}{2}$

Locomotive Width Tolerance = $\pm \frac{1}{2}$

Lateral (Bol. + Jrls. with New Trucks) = $2\frac{1}{4}$ (nom.)

Clearance Outline:

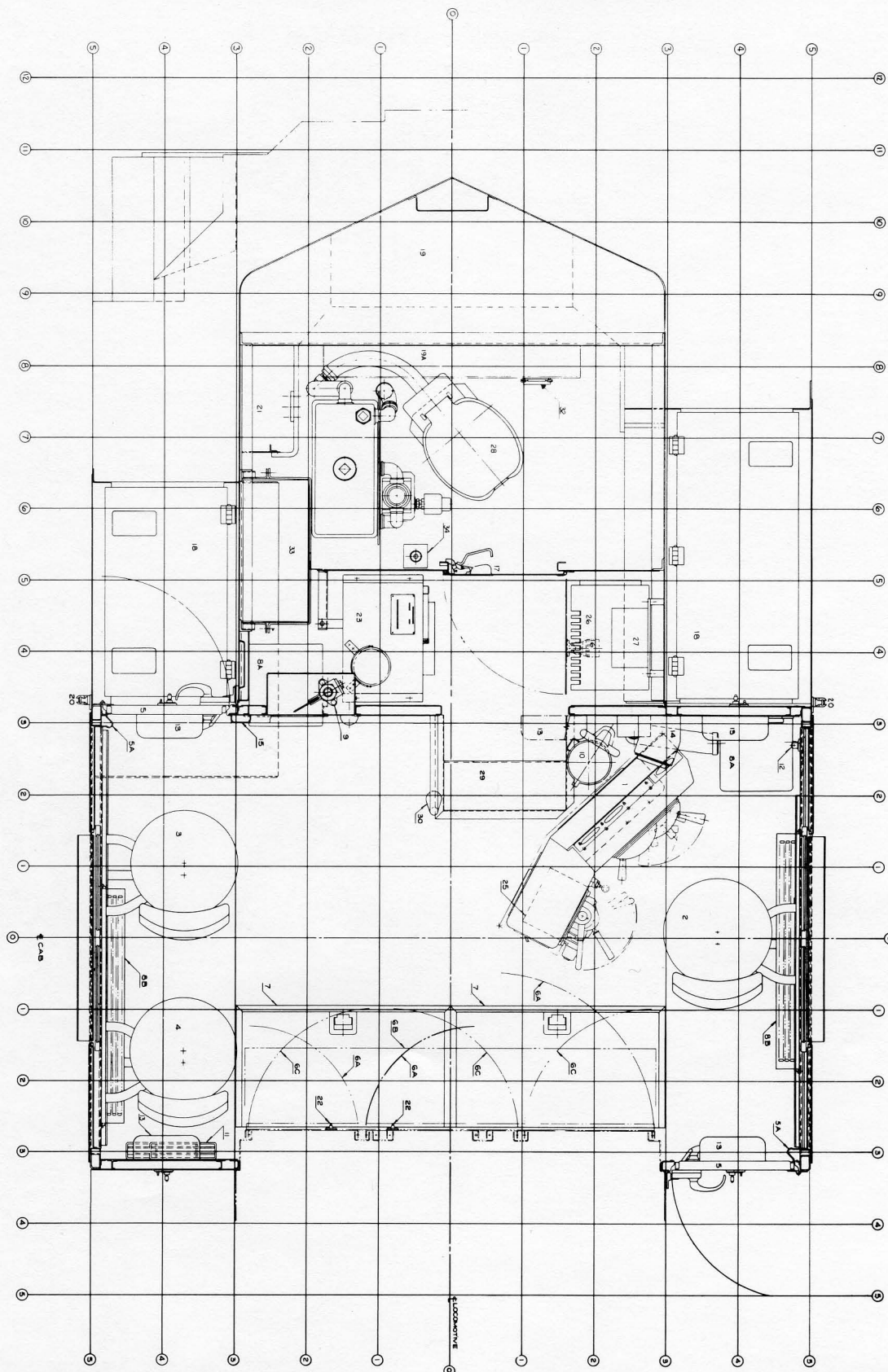
A.A.R. Plate "B" Dated March 1, 1972

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 $\pm \frac{1}{2}$ due to variable supplies.

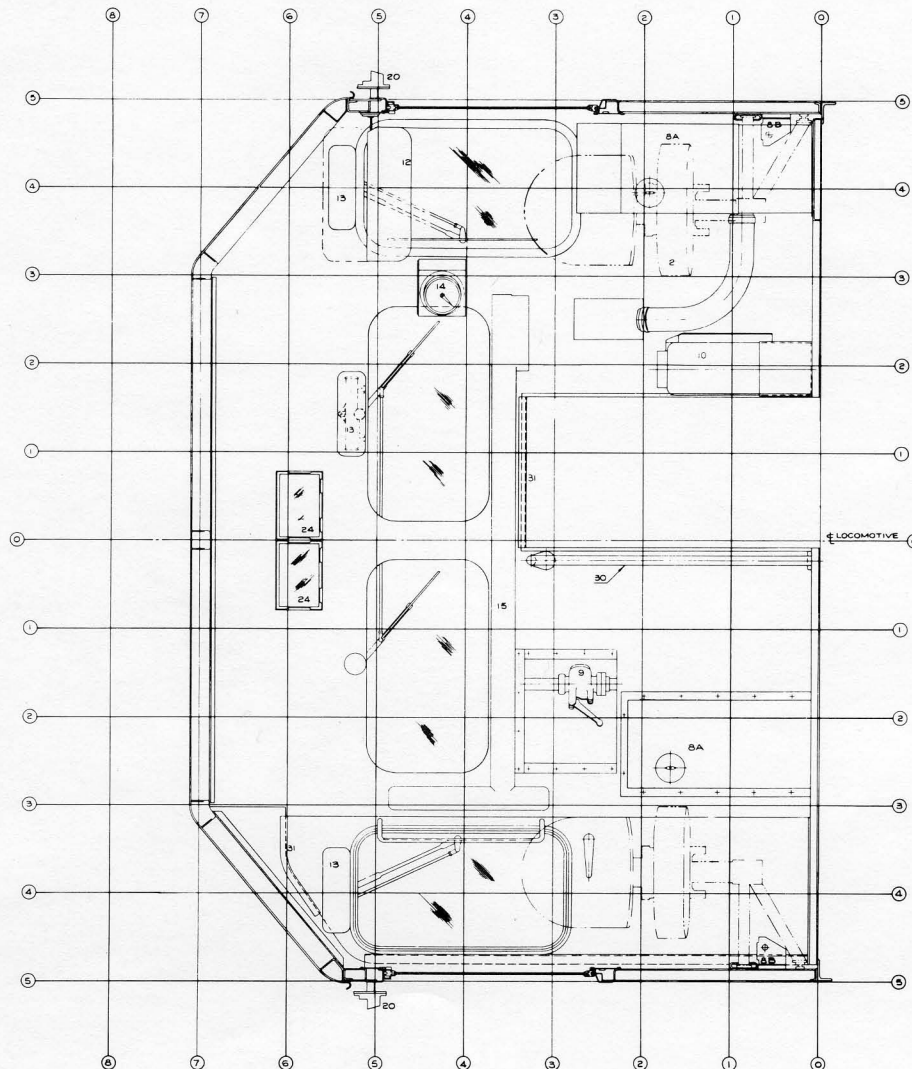
GM

CAB AND SHORT HOOD ARRANGEMENT



- | | | | |
|---|----------------------------------|--------------------------------|------------------------------|
| 1. Engineer's Control Stand - AAR | 7. Trap Doors (2) | 16. Door Stop | * 26. Transmitter & Receiver |
| 2. Engineer's Seat with Seat Locking Modification | 8. Cab Heaters - Electric (4) | 17. Short Hood Door | * 27. Radio Voltage Filter |
| * 3. Auxiliary Seat | 8A. Front Partition (2) | 18. Battery Box | * 28. Toilet |
| 4. Observer's Seat | 8B. Side Strip Heater (2) | 19. Sand Box | 29. Step Down to Short Hood |
| 5. Cab Door (2) | 9. Emergency Brake Valve & Guard | * 19A. Extra Capacity Sand Box | 30. Grab Iron |
| 5A. Door Hinge Boot (2) | * 10. Fire Extinguisher - 30 Lb. | 20. Lamp Bracket (2) | 31. Headbump Pad |
| 6. Electrical Cabinet | 11. Flag & Fuse Rack | 21. Hand Brake Recess | * 32. Toilet Paper Holder |
| 6A. Upper Doors | 12. Sun Visor | 22. Coat Hook (2) | * 33. Water Tank |
| 6B. Middle Door | 13. Window Wiper & Guard (6) | * 23. Water Cooler | 34. Floor Drain |
| 6C. Lower Doors | 14. Speed Recorder | 24. Card Holder | |
| | 15. Defroster Duct | * 25. Radio | |

CAB ARRANGEMENT — FORWARD CAB WALL



- | | | | |
|--|----------------------------------|-------------------------------|-----------------------------|
| 1. Engineer's Control Stand - AAR | 7. Trap Doors (2) | 16. Door Stop | *26. Transmitter & Receiver |
| 2. Engineer's Seat with
Seat Locking Modification | 8. Cab Heaters - Electric (4) | 17. Short Hood Door | *27. Radio Voltage Filter |
| *3. Auxiliary Seat | 8A. Front Partition (2) | 18. Battery Box | *28. Toilet |
| 4. Observer's Seat | 8B. Side Strip Heater (2) | 19. Sand Box | 29. Step Down to Short Hood |
| 5. Cab Door (2) | 9. Emergency Brake Valve & Guard | *19A. Extra Capacity Sand Box | 30. Grab Iron |
| 5A. Door Hinge Boot (2) | *10. Fire Extinguisher - 30 Lb. | 20. Lamp Bracket (2) | 31. Headbump Pad |
| 6. Electrical Cabinet | 11. Flag & Fusee Rack | 21. Hand Brake Recess | *32. Toilet Paper Holder |
| 6A. Upper Doors | 12. Sun Visor | 22. Coat Hook (2) | *33. Water Tank |
| 6B. Middle Door | 13. Window Wiper & Guard (6) | *23. Water Cooler | 34. Floor Drain |
| 6C. Lower Doors | 14. Speed Recorder | 24. Card Holder | |
| | 15. Defroster Duct | *25. Radio | |

